GARDENA CITY COUNCIL

Regular Meeting Notice and Agenda

Council Chamber at City Hall
1700 West 162nd Street, Gardena, California
Website: www.cityofgardena.org

Tuesday, June 13, 2023
Closed Session 7:00 p.m.
Open Session 7:30 p.m.

TASHA CERDA, *Mayor*
PAULETTE C. FRANCIS, *Mayor Pro Tem*
MARK E. HENDERSON, *Council Member*
RODNEY G. TANAKA, *Council Member*
WANDA LOVE, *Council Member*

MINA SEMENZA, *City Clerk*
GUY H. MATO, *City Treasurer*
CLINT OSORIO, *City Manager*
CARMEN VASQUEZ, *City Attorney*
LISA KRANITZ, *Assistant City Attorney*

If you would like to participate in this meeting, you can participate via the following options:

1. **VIEW THE MEETING live on SPECTRUM CHANNEL 22 or ONLINE at** youtube.com/CityofGardena

2. **PARTICIPATE BEFORE THE MEETING** by emailing the Deputy City Clerk at publiccomment@cityofgardena.org by 5:00p.m. on the day of the meeting and write "Public Comment" in the subject line.

3. **ATTEND THE MEETING IN PERSON**

   PUBLIC COMMENT: The City Council will hear from the public on any item on the agenda or any item of interest that is not on the agenda at the following times:

   - Agenda Items – At the time the City Council considers the item or during Oral Communications
   - Non-agenda Items – During Oral Communications
   - Public Hearings – At the time for Public Hearings listed on the Agenda

   If you wish to address the Council, please complete a "Speaker Request" form and present it to the City Clerk or Sergeant of Arms. You will be called to the podium by name when it is your turn to address the Council. The City Council cannot legally take action on any item not scheduled on the Agenda. Such items may be referred for administrative action or scheduled on a future Agenda. Members of the public wishing to address the City Council will be given three (3) minutes to speak.

4. The City of Gardena, in complying with the Americans with Disabilities Act (ADA), requests individuals who require special accommodations to access, attend and/or participate in the City meeting due to disability, to please contact the City Clerk's Office by phone (310) 217-9565 or email cityclerk@cityofgardena.org at least 24 business hours prior to the scheduled general meeting to ensure assistance is provided. Assistive listening devices are available.

STANDARDS OF BEHAVIOR THAT PROMOTE CIVILITY AT ALL PUBLIC MEETINGS

- Treat everyone courteously;
- Listen to others respectfully;
- Exercise self-control;
- Give open-minded consideration to all viewpoints;
- Focus on the issues and avoid personalizing debate; and
- Embrace respectful disagreement and dissent as democratic rights, inherent components of an inclusive public process, and tools for forging sound decisions

Thank you for your attendance and cooperation

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1. **ROLL CALL**

   PUBLIC COMMENT ON CLOSED SESSION

2. **CLOSED SESSION**

   2.A CONFERENCE WITH LEGAL COUNSEL- EXISTING LITIGATION
   Gov. Code Section 54956.9(d)(1)
   Reyes Enriquez, J v. City of Gardena, et al.
   United States District Court, Central District of California, No. 2:20-cv-07049-CBM-E

   CITY ATTORNEY REPORT OUT OF CLOSED SESSION

3. **PLEDGE OF ALLEGIANCE**

   Jordan Agyemang, Cameron Agyemang, and Morgan Agyemang.
   Meria Regina Catholic School

4. **INVOCATION**

   John Iwohara
   Gardena Buddhist Baptist Church

5. **PRESENTATIONS**

   5.A Sewer Master Plan Presentation - *presented by Ryan Orgill of Carollo Engineers*

   5.B Gardena Events Video Presentation

6. **PROCLAMATIONS**

   6.A LGBTQI+ Pride Month - *To Be Proclaimed Only*
   Proclaim Only-LGBTQI+ Pride Month - June 2023.pdf

7. **APPOINTMENTS**

7.A Youth Commission - Damilola Ogundimu
(Appointed by Council Member Henderson)

Youth Commission - Anaiyah Harris
(Appointed by Council Member Tanaka)

8. **CONSENT CALENDAR**

NOTICE TO THE PUBLIC - Roll Call Vote Required On The Consent Calendar
All matters listed under the Consent Calendar will be enacted by one motion unless a Council Member requests Council discussion, in which case that item will be removed from the Consent Calendar and considered separately following this portion of the agenda.

PUBLIC COMMENT ON CONSENT CALENDAR

8.A Waiver of Reading in Full of All Ordinances Listed on this Agenda and that they be Read by Title Only
CONTACT: CITY CLERK

8.B Approve Minutes:
Regular Meeting of the City Council, May 23, 2023
CONTACT: CITY CLERK
05232023 REGULAR Minutes CC Meeting - FINAL.pdf

8.C Receive and File of Minutes:
Planning & Environmental Quality Commission, May 16, 2023
CONTACT: COMMUNITY DEVELOPMENT
23_05_16 PCMIN

8.D Approval of Warrants/Payroll Register, June 13, 2023
CONTACT: CITY TREASURER
Warrant-Payroll Register 06-13-23.pdf

8.E Personnel Report P-2023-9 6-13-23
CONTACT: HUMAN RESOURCES
PERS RPT P-2023-9 6-13-23.pdf
Office Specialist Job Description - Attachment 1.pdf
Associate Planner Job Description - Attachment 2.pdf
Recreation and HS Manager Job Description - Attachment 3.pdf
Salary Schedule - Effective June 13 2023.pdf

8.F Approval Annual Membership and Reserve Assessment Dues in the amount of $41,728.08 for Fiscal Year 2022-2023 for the City's Participation in the Interoperability Network of the South Bay Joint Powers Agreement
CONTACT: ADMINISTRATIVE SERVICES
City of Gardena INSB Fiscal Year 22-2023.pdf

8.G Approval for an Amendment to Blanket Purchase Order for Pinnacle Petroleum from $130,000 to $165,197 to purchase fuel for Fiscal Year 2022-2023
CONTACT: PUBLIC WORKS

8.H South Bay Cities Council of Governments MOU Addendum
CONTACT: RECREATION AND HUMAN SERVICES
Gardena SBCCOG MOU Addendum 5.31.23 (002).docx

8.I Ratify Administrative Approval of the Supportive Services Program Contract SSP232403
CONTACT: RECREATION AND HUMAN SERVICES
FY 2023-24 SSP Allocation Letter (Baseline Funding) City of Gardena Revised 6.6.23.pdf

9. **EXCLUDED CONSENT CALENDAR**

10. **PLANNING & ENVIRONMENTAL QUALITY COMMISSION ACTION SHEET**

10.A JUNE 6, 2023 MEETING
DISCUSSION OF OUTDOOR DINING REGULATIONS
The Planning Commission discussed regulations relating to Outdoor Dining for restaurant uses.

Commission Action: The Planning Commission provided Planning Staff with direction on regulations relating to Outdoor Dining.

City Council Action: **No action is needed.**
2023_06_07 PCAX

11. **ORAL COMMUNICATIONS (LIMITED TO A 30-MINUTE PERIOD)**

Oral Communications by the public will be heard for one-half hour at or before 8:30 p.m. or at the conclusion of the last agenda item commenced prior to 8:30 p.m. Oral Communications not concluded at that time shall be resumed at the end of the meeting after Council Reports. Speakers are to limit their remarks to three minutes, unless extended by the Mayor. An amber light will appear to alert the speaker when two minutes are complete, and a red light will appear when three minutes are over. Your cooperation is appreciated.

12. **DEPARTMENTAL ITEMS - ADMINISTRATIVE SERVICES**

12.A Approval of the Contribution to the City's California Employers' Retirement Benefit Trust (CERBT) in the amount of $1,750,000 to be made before June 30, 2023 and Approval of the Budgeted Contribution to the City's CERBT for Fiscal Year 2023-2024 in the amount of $750,000 to be made before June 30, 2024

Staff Recommendation: Approval of the Contribution to the City's California Employers' Retirement Benefit Trust (CERBT) in the amount of $1,750,000 to be made before June 30, 2023 and Approval of the Budgeted Contribution to the City's CERBT for Fiscal Year 2023-2024 in the amount of $750,000 to be made before June 30, 2024
June 13 2023 City Counncil Meeting - CERBT Transfers.pptx

13. **DEPARTMENTAL ITEMS - COMMUNITY DEVELOPMENT**

13.A Consideration of a Contract Services Agreement between MDG Associates, Inc. and the City of Gardena for the consulting services of a 12- Month Pilot Commercial Façade Improvement Program beginning June 13, 2023, through June 30, 2024.

Staff Recommendation: Approve the Contract Services Agreement between MDG Associates, Inc. and the City of Gardena in the total amount of $60,000 for the consulting services of a 12-month pilot Commercial Façade Improvement Program, with a breakdown of $10,000 in FY 2022-23 and $50,000 in FY 2023-24.

Staff Report - Facade Improvement Grant Consulting Services.pdf
CSA_MDG_Associates,Inc..pdf
Gardena-Gen Fund CRP Pilot - Final.pdf

13.B INTRODUCTION OF ORDINANCE NO. 1855, An Ordinance Adopting the Most Recent Version of the Los Angeles County Fire Code As Set Forth In Title 32 Of The Los Angeles County Code By Reference; and Finding the Action Exempt from the California Environmental Qualit Act Pursuant to the Common Sense Exemptin of CEQA Guidelines Section 15061(B)(3)

Staff Recommendation: Introduce Ordinance No. 1855 and set a Public Hearing on the adoption for the meeting of July 11, 2023

Staff Report.pdf
Los Angeles County Ordinance Adopting 2022 Fire Code.pdf
Ordinance No. 1855.pdf

14. **DEPARTMENTAL ITEMS - ELECTED & CITY MANAGER'S OFFICES**

15. **DEPARTMENTAL ITEMS - POLICE**

16. **DEPARTMENTAL ITEMS - PUBLIC WORKS**

16.A Award Construction Contract for the Pedestrian Safety Improvement FY 2022-2023 Project (Phase 2), JN 513, to Martinez Concrete, Inc., in the amount of $139,780.00, Declare California Environmental Quality Act (CEQA) Exemption, Approve the Project Specifications and Budget Contingency.

Staff Recommendation:

- **Award Construction Contract.**
- **Declare CEQA Exemption.**
- **Approve the Project Specifications.**
- **Approve Expenditures of Remaining Budget as Contingency.**

JN 513 Specs_Signed.pdf
JN 513_CEQA_NOE.pdf
JN 513_District 1 Map.pdf

16.B Approve Catch Basin Trash Excluders Maintenance Agreement between the City of Gardena and Los Angeles County Flood Control District.

Staff Recommendation: Approve Catch Basin Trash Excluders Maintenance Agreement

CB Trash Excluders Maintenance Agreement.pdf

COG Statewide Trash Provisions Implementation.pdf

16.C Approve a Contract Change Order to Wallace and Associates Consulting, Inc. for Construction Management and Inspection services in the amount of $31,713.03 for the 170th Street Improvement Project, JN 944.

Staff Recommendation: Approved Contract Change Order to Wallace and Associates Consulting, Inc.

Wallace CM&I Proposal Contract_170th street.pdf
Final Invoice with CCO request.pdf

17. **DEPARTMENTAL ITEMS - RECREATION & HUMAN SERVICES**

18. **DEPARTMENTAL ITEMS - TRANSPORTATION**

19. **COUNCIL ITEMS**

19.A RESOLUTION NO. 6632: Amending City Council Meeting Agenda Policy No. 03-01, as it Pertains to Council Directives.

Staff Recommendation: Adopt Resolution No. 6632
RESOLUTION No. 6632 with Proposed Amended Council Policy.pdf

20. **COUNCIL DIRECTIVES**

21. **CITY MANAGER REMARKS RE: DIRECTIVES / COUNCIL ITEMS**

22. **COUNCIL REMARKS**

1. COUNCIL MEMBER HENDERSON
2. MAYOR PRO TEM FRANCIS
3. COUNCIL MEMBER TANAKA
4. MAYOR CERDA
5. COUNCIL MEMBER LOVE

23. **ANNOUNCEMENT(S)**

24. **REMEMBRANCES**

25. **ADJOURNMENT**

The Gardena City Council will adjourn to the Closed Session portion of the City Council Meeting at 7:00 p.m. followed by the Regular City Council Meeting at 7:30 p.m. on Tuesday, June 27, 2023.

I hereby certify under penalty of perjury under the laws of the State of California that the foregoing agenda was posted in the City Hall lobby not less than 72 hours prior to the meeting. A copy of said Agenda is available on our website at www.CityofGardena.org.

Dated this 9th day of June 2023

/s/ MINA SEMENZA
MINA SEMENZA, City Clerk

TO BE PROCLAIMED ONLY

"Lesbian, Gay, Bisexual, Transgender, Queer, and Intersex Pride Month"

· JUNE 2023 ·

Each June, cities and towns throughout the United States celebrate "International Pride Month" to honor the history, achievements, and contributions of the LGBTQI+ community. On June 28, 1969, the LGBTQI+ community took a brave stand for human rights at the Stonewall Inn in New York City. The Stonewall Uprising began as a fight for equality and in opposition to discriminatory laws and treatment.

The City of Gardena strives to be a community that offers equal opportunity to its citizens, all of whom deserve to live with dignity and respect, free from fear and violence, and protected against discrimination, regardless of gender, gender identity, gender expression or sexual orientation. The City of Gardena is committed to supporting and encouraging diversity throughout the community.

June has become a symbolic month in which lesbian, gay, bisexual, transgender, queer, and intersex people, their families, and friends come together in various celebrations of freedom and pride. California has been a leader in advancing the civil rights of its LGBTQI+ citizens, and while further progress is needed, it is important to recognize and celebrate the substantial gains that have been achieved.

Therefore, I, Tasha Cerda, Mayor of the City of Gardena, California, hereby proclaim the month of JUNE 2023, to be

LGBTQI+ PRIDE MONTH

in the City of Gardena and encourage all citizens to reflect on ways we all can advance the rights and protections of the LGBTQI+ people and to live and work together with commitment to mutual respect and understanding.

MINUTES
Regular Meeting of the
Gardena City Council
Tuesday, May 23, 2023

The Regular Meeting Notice and Agenda of the Gardena City Council of the City of Gardena, California, was called to order at 7:08 PM on Tuesday, May 23, 2023, in the Council Chamber at City Hall 1700 West 162nd Street, Gardena, California.

1. ROLL CALL

Present: Mayor Tasha Cerda; Mayor Pro Tem Paulette C. Francis; Council Member Mark E. Henderson; Council Member Rodney G. Tanaka; and Council Member Wanda Love; Other City Officials and Employees present: City Manager Clint Osorio; City Attorney Carmen Vasquez; City Treasurer Guy H. Mato; City Clerk Mina Semenza; and Deputy City Clerk Becky Romero.

PUBLIC COMMENT ON CLOSED SESSION - *None*

2. CLOSED SESSION

2.A CONFERENCE WITH LEGAL COUNSEL- ANTICIPATED LITIGATION Significant exposure to litigation, pursuant to Gov. Code Section 54956.9(d)(2) One Potential Case.

CITY ATTORNEY REPORT OUT OF CLOSED SESSION

Mayor Cerda reconvened the meeting to the Regular Open Session at 8:00 p.m., and the City Clerk noted the return of all Council Members, who were present at the meeting. When City Attorney Vasquez was asked if there was any reportable action from Closed Session, she stated that no reportable action was taken.

3. PLEDGE OF ALLEGIANCE

Mylee Hurst and Nicole Galvez led the Pledge of Allegiance. Both are in 5th grade and attend 186th Street Elementary School. Both children introduced their parents and principal.

4. INVOCATION

Pastor Edward G. Hawthorne, Hollypark United Methodist Church, gave the Invocation.

5. PRESENTATIONS

5.A Boards & Commissions Presentation - Senior Citizens
- Chair, Linda Barentine provided an update and presented a video to update everyone on past events and programs that have taken place, along with upcoming events and classes.

5.B Rotary Club Presentation to City of Gardena

Glenn Mitchell, representative of the Rotary Club of Carson-Gardena, Sheri Repp-Loadsman, President of the Rotary Club of Carson-Gardena and David Henseler of the South Bay Sunrise Rotary Club were present and provided an update and thanked all members of the Council and City staff for their tremendous support. They mentioned they are always looking for new members and/or sponsors and invited the community to come out; Mr. Henseler and Mr. Mitchell spoke about the donation of diapers to Camp Pendleton and presented a Certificate of Recognition on behalf of the Rotary Club of Camp Pendleton and District 5280.

Mayor Cerda expressed her appreciation to all staff and for their generosity. She also thanked the VFW for allowing the City to use their lot as a drop-off location.

5.C Gardena Events Video Presentation – ***There was no video presentation.***

6. PROCLAMATIONS - *None*

7. APPOINTMENTS - *No Appointments were made*

8. CONSENT CALENDAR

8.A Waiver of Reading in Full of All Ordinances Listed on this Agenda and that they be Read by Title Only
CONTACT: CITY CLERK

8.B Approve Minutes:
Regular Meeting of the City Council, April 25, 2023
Regular Meeting of the City Council, May 9, 2023
CONTACT: CITY CLERK

8.C Receive and File of Minutes:
Planning & Environmental Quality Commission, April 18, 2023
CONTACT: COMMUNITY DEVELOPMENT

8.D Approval of Warrants/Payroll Register, May 23, 2023
CONTACT: CITY TREASURER

May 23, 2023: Wire Transfer: 12394-12415; Prepay: 171726-17127; Check Numbers: 171728-171912 for a total Warrants issued in the amount of $2,306,941.45; Total Payroll Issued for May 19, 2023: $2,182,154.19.

8.E Monthly Investment Report, April 2023
CONTACT: CITY TREASURER

8.F Personnel Report P-2023-8 5-23-23
CONTACT: HUMAN RESOURCES

8.G Appointments of Representatives to the South Bay Workforce Investment Board (SBWIB)
CONTACT: COMMUNITY DEVELOPMENT

8.H RESOLUTION NO. 6628: Authorizing the City Manager to Execute an Agreement for the Elderly Nutrition Program on Behalf of the City for Fiscal Year 2023-2024.
CONTACT: RECREATION AND HUMAN SERVICES

RESOLUTION NO. 6628

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF GARDENA, CALIFORNIA, AUTHORIZING THE CITY MANAGER TO EXECUTE AN AGREEMENT FOR THE ELDERLY NUTRITION PROGRAM ON BEHALF OF THE CITY FOR FISCAL YEAR 2023/2024

8.I RESOLUTION NO. 6629: Authorizing the City Manager to Execute an Agreement for the Supportive Services Program on Behalf of the City for Fiscal Year 2023-2024.
CONTACT: RECREATION AND HUMAN SERVICES

RESOLUTION NO. 6629

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF GARDENA, CALIFORNIA, AUTHORIZING THE CITY MANAGER TO EXECUTE AN AGREEMENT FOR THE SUPPORTIVE SERVICES PROGRAM ON BEHALF OF THE CITY FOR FISCAL YEAR 2023/2024

8.J Approval of the Contract Services Agreement between the City of Lawndale and the City of Gardena for the Elderly Nutrition Program Services beginning July 1, 2023 through June 28, 2024
CONTACT: RECREATION & HUMAN SERVICES

It was moved by Council Member Love, seconded by Council Mayor Pro Tem Francis, and carried by the following roll call vote to Approve all Items on the Consent Calendar with the exception of Item 8.H, 8.I and 8.J:

Ayes: Council Member Love, Mayor Pro Tem Francis, Council Members Henderson and Tanaka, and Mayor Cerda
Noes: None
Absent: None

9. EXCLUDED CONSENT CALENDAR

8.H RECREATION AND HUMAN SERVICES - RESOLUTION NO. 6628: Authorizing the City Manager to Execute an Agreement for the Elderly Nutrition Program on Behalf of the City for Fiscal Year 2023-2024. ***- Item pulled by Mayor Pro Tem Francis***

Mayor Pro Tem Francis asked the following: Do we get any feedback on whether or not our seniors are enjoying it or if the food is okay; Do we ever do any comparison shopping to see if there are other programs that may better serve the needs of our seniors; Does this also include Meals on Wheels and how much does this cost, do we have an amount or is it just for the agreement.

City Manager Osorio explained how the program operates and informed everyone that no bad feedback has been received.

It was moved by Council Member Love, seconded by Mayor Pro Tem Francis, and carried by the following roll call vote to Approve Item 8.H:

Ayes: Council Member Love, Mayor Pro Tem Francis, Council Members Henderson and Tanaka, and Mayor Cerda
Noes: None
Absent: None

8.I RECREATION AND HUMAN SERVICES - RESOLUTION NO. 6629: Authorizing the City Manager to Execute an Agreement for the Supportive Services Program on Behalf of the City for Fiscal Year 2023-2024. ***Item pulled by Mayor Pro Tem Francis***

Mayor Pro Tem Francis asked for clarification, what type of Supportive Services are being offered; are they the in-home healthcare and are the services being offered through the Senior Bureau?

City Manager Osorio explained the type of services that are being provided.

It was moved by Council Member Henderson, seconded by Council Member Love, and carried by the following roll call vote to Approve Item 8.I:

Ayes: Council Members Henderson and Love, Mayor Pro Tem Francis, Council Member Tanaka, and Mayor Cerda
Noes: None
Absent: None

8.J RECREATION AND HUMAN SERVICES - Approval of the Contract Services Agreement between the City of Lawndale and the City of Gardena for the Elderly Nutrition Program Services beginning July 1, 2023 through June 28, 2024. ***– Item pulled by Mayor Pro Tem Francis***

Mayor Pro Tem Francis asked for confirmation if the Elderly Nutrition Program Agreement through the City of Lawndale, is the one we just approved; how is the feedback, are our seniors enjoying it or do they want something more?

City Manager Osorio explained the difference between the agreements.

It was moved by Mayor Pro Tem Francis, seconded by Council Member Tanaka, and carried by the following roll call vote to Approve Item 8.J:

Ayes: Mayor Pro Tem Francis, Council Members Tanaka, Henderson and Love, and Mayor Cerda
Noes: None
Absent: None

10. PLANNING & ENVIRONMENTAL QUALITY COMMISSION ACTION SHEET

10.A MAY 16, 2023 MEETING

CONDITIONAL USE PERMIT #1-23
The Planning Commission considered a request for a conditional use permit, per section 18.32.030.B of the Gardena Municipal Code, to allow the on-site sale and consumption of beer and wine in an existing restaurant located in the General Commercial (C-3) zone and direction to staff to file a Notice of Exemption as an existing facilities project.
LOCATION: 1425 West Artesia Boulevard Unit #21-22 (APN: 6106-034-001)
APPLICANT: Tim Mao (Top BBQ & Noodle Restaurant)

Commission Action: The Planning Commission approved Resolution No. PC 6-23, approving Conditional Use Permit #1-23 and directed staff to file a Notice of Exemption, by a vote of 4-0-0.

City Council Action: Receive and file or Call for Review (By way of two votes from the City Council)

This Item was Received and Filed.

10.B MAY 16, 2023 MEETING

CONDITIONAL USE PERMIT #1-23
The Planning Commission considered a request for a vesting tentative map per Chapter 17.08 of the Gardena Municipal Code, for the subdivision of airspace to create five condominium units for a property located in the Medium Residential Multiple-Family Residential Zone (R-3) zone and direction to staff to file a Notice of Exemption pursuant to Guidelines Section 15061(b)(3)/ LOCATION: 1715 West 149th Street (APN" 6103-022-091)
APPLICANT: FM Marketing & Properties

Commission Action: The Planning Commission approved Resolution No. PC 6-23, approving Conditional Use Permit #1-23 and directed staff to file a Notice of Exemption, by a vote of 4-0-0.

City Council Action: Receive and file or Call for Review (By way of two votes from the City Council)

This Item was Called for Review by Mayor Pro Tem Francis - Council Member Love seconded it. A Public Hearing was set for the June 27, 2023 Council Meeting.

10.C MAY 16, 2023 MEETING

ZONE TEXT AMENDMENT #3-23
The Planning Commission considered a recommendation to the City Council on the adoption of an ordinance amending Title 18 and Title 5, Zoning, of the Gardena

Municipal Code relating to regulations for short-term home sharing rentals in residential zoning districts throughout the city and direction to staff to file a Notice of Exemption pursuant to CEQA Guidelines Section 15061(b)(3) and 15308.

Commission Action: A motion was made to reopen the public hearing and continue it to the June 20, 2023 meeting, and direction to staff to make modifications to the draft ordinance relating to onsite parking space requirements, timeframe for compliance properties with existing listings, and to add a time extension process for compliance. The motion was passed by a vote of 4-0-0

City Council Action: No City Council action is needed.

This Item Required No Action by City Council.

11. ORAL COMMUNICATIONS

1) Andrea Simental – Interim Manager for the Mayme Dear Library; she came to announce library events for Gardena Mayme Dear and Masao W. Sato Library.
2) City Clerk Mina Semenza, noted for the record that two (2) public comments were received, Council was provided copies and copies were put in the Public Review binder that is at the back of the Council Chamber.

12. DEPARTMENTAL ITEMS - ADMINISTRATIVE SERVICES

12.A Presentation of the City of Gardena's Proposed Amended Fiscal Year 2023-2024 Budget

City Manager Osorio gave a PowerPoint presentation with his Staff Report. Also present was Director of Administrative Services Ray Beeman.

Mayor Cerda asked if anyone asked to speak on this item and if the Council had any comments or questions.

There were no public speakers.

Mayor Cerda thanked City Manager Osorio for the presentation stating it was very well put together.

Council Member Henderson thanked staff for the report and suggested that if we could highlight the timing of the payments so folks could understand why the timing is off and why we may be out of balance and may be spending more than what we have; he then asked about our Police Departments' overtime, do we anticipate their new hires being able to now reduce that amount or is that with current staff or new staff coming in; and has the Finance Committee discussed reducing the reserve percentage and if we are getting any extra interest off that savings somewhere in our bank account.

Mayor Pro Tem Francis thanked City Manager Osorio for the thorough presentation; she then asked that we are amending it because of the fluctuations; she asked about the CDBG funds going to the general fund and asked if he could speak on that; she talked about the charges that were made and that should not have been made; she asked if these two funds could be co-mingled; what happens if our expenditures go higher than our revenue, are we going to be okay; she asked about the Rosecrans project and could we look forward to seeing it move forward; she then asked in next year's budget will be there be any more money allocated that could be used for this project.

Council Member Love asked where the $250,000 grant for the façade come from; she then asked about the franchise TOT and other taxes staying flat; how is it going to stay flat with inflation being so high, is that number not going to change at all.

City Manager Osorio and Director Beeman explained the budget in detail and answered all their questions.

Director Osorio spoke about Council Member Henderson's Budget in Brief and spoke where it would be available.

The Fiscal Year 2023-2024 Proposed Budget Presentation was Received and Filed.

13. DEPARTMENTAL ITEMS - COMMUNITY DEVELOPMENT

13.A PUBLIC HEARING: ORDINANCE NO. 1851: Adopting by Reference the 2022 Edition of the California Building Standards Code (California Code Of Regulations, Title 24), Except for the Fire Code, and Making Amendments thereto; Adoption of the 2021 International Property Maintenance Code; Repealing Chapter 15.08 of the Gardena Municipal Code; and Finding the Action Exempt from the California Environmental Quality Act Pursuant to the Common Sense Exemption of CEQA Guidelines Section 15061(B)(3)

ORDINANCE NO. 1851

AN ORDINANCE OF THE CITY OF GARDENA, CALIFORNIA, ADOPTING BY REFERENCE THE 2022 EDITION OF THE CALIFORNIA BUILDING STANDARDS CODE (CALIFORNIA CODE OF REGULATIONS, TITLE 24), EXCEPT FOR THE FIRE CODE, AND MAKING AMENDMENTS THERETO; ADOPTION OF THE 2021 INTERNATIONAL PROPERTY MAINTENANCE CODE; REPEALING CHAPTER 15.08 OF THE GARDENA MUNICIPAL CODE; AND FINDING THE ACTION EXEMPT FROM THE CALIFORNIA ENVIRONMENTAL QUALITY ACT PURSUANT TO THE COMMON SENSE EXEMPTION OF CEQA GUIDELINES SECTION 15061(b)(3)

City Manager Osorio presented the Staff Report.

At 9:18 p.m., Mayor Cerda announced that the Public Hearing was open. She asked if anyone had asked to speak on this item and if Council had any comments or questions.

No public speakers.

Mayor Pro Tem Francis asked if we are required to adopt this Ordinance and do not have any other options to make changes?

City Manager Osorio, confirm, yes that is correct, unless the city wants to create their own code. City Attorney Vasquez added that she would not recommend that.

At 9:20 p.m., Mayor Cerda then announced that the Public Hearing was closed.

It was moved by Council Member Love, seconded by Council Member Henderson, and carried by the following roll call vote for City Council to Conduct a Public Hearing and Adopt Ordinance No. 1851 and Resolution No. 6624:

Ayes: Council Members Love and Henderson, Mayor Pro Tem Francis, Council Member Tanaka, and Mayor Cerda
Noes: None
Absent: None

14. DEPARTMENTAL ITEMS - ELECTED & CITY MANAGER'S OFFICES

14.A Proclamation to Declare Juneteenth Day as a Public Holiday, and approve Side Letters and Resolution with employee groups to observe Juneteenth Holiday

City Manager Osorio presented the Staff Report.

Mayor Cerda asked if anyone asked to speak on this item and if the Council had any comments or questions.

No public speakers.

Mayor Pro Tem Francis talked about the language on the proclamation and about its history; she stated that Juneteenth was not the official ending of slavery, it is when the people of Texas heard about it. She just wants to make sure that proclamation is historically correct.

Mayor Cerda asked City Attorney Vasquez if they can make those changes/corrections and are they able to vote on this item tonight.
City Attorney Vasquez stated that the only change would be to the actual proclamation, and we would have it entered into the minutes and ensure that next year the language as stated by Mayor Pro Tem Francis would be changed.

Council Member Henderson asked for clarification because he feels that the proclamation language is correct.

Mayor Cerda made a motion to take a roll call vote to first accept the proclamation language as is and second vote to approve the Resolution and side letters.

It was moved by Council Member Love, seconded by Council Member Henderson, and carried by the following roll call vote to Approve Proclamation Language as it reads:

Ayes: Council Members Love, Henderson and Tanaka, and Mayor Cerda
Noes: Mayor Pro Tem Francis
Absent: None

It was moved by Council Member Tanaka, seconded by Council Member Love, and carried by the following roll call vote to Adopt Resolution No. 6627, Police Managers' Resolution; and Approve Side Letters with employee groups: Gardena Police Officers Association (GPOA), Gardena Management Employees Organization (GMEO), and Gardena Municipal Employees Association (GMEA):

Ayes: Council Members Tanaka and Love, Mayor Pro Tem Francis, Council Member Henderson, and Mayor Cerda
Noes: None
Absent: None

14.B Approve Employment Agreement between the City of Gardena and the Chief of Police Michael Saffell, and Approve the City of Gardena Classification and Compensation Plan, Effective May 23, 2023

City Manager Osorio presented the Staff Report.

Mayor Cerda asked if anyone asked to speak on this item and if the Council had any comments or questions.

No public speakers.

Council Member Henderson thanked Chief Saffell for having an open-door policy, for listening and allowing to work alongside him and thanked him for his service to the community.

Council Member Love expressed her appreciation for his leadership and style of policing because it is unusual to see. She thanked him for his service and for how he leads his department.

Council Member Tanaka thanked Chief Saffell for being a great leader, for bringing respect to the department and is grateful to still have him to lead the department.

Mayor Pro Tem Francis spoke about the Chief’s new type of policing; she stated because we are a small city, we have to make sure that we offer a compensation package that will attract the best talent; you have to make sure they are compensated and paid well. She strongly encouraged him to continue his high standards of excellence and leadership.

Mayor Cerda was happy to hear to that everyone was in favor of renewing the Chief's contract and provided great feedback. She stated that she is thankful for his district policing and everything he has done for our community and what he is doing for his department because it goes a long way.

City Manager Osorio stated that it has been a pleasure to work with Chief Saffell for the past 3 years. He wanted a longer contract but had to take it one step at a time. He stated he was very thankful for his department and leadership.

Chief of Police, Mike Saffell was present and thanked all members of the Council and City Manager for all their support and appreciation.

It was moved by Mayor Cerda, seconded by Council Member Tanaka, and carried by the following roll call vote to Approve the Employment Agreement between the City of Gardena and the Chief of Police Michael Saffell and Approve the City of Gardena Classification and Compensation Plan, Effective May 23, 2023:

Ayes: Mayor Cerda, Council Member Tanaka, Mayor Pro Tem Francis, and Council Members Henderson and Love
Noes: None
Absent: None

14.C Revision to City Travel Policy to Limit Domestic Travel Over 150 miles Outside the Jurisdictional Limits of the City of Gardena to Two Councilmembers for One Event

City Manager Osorio presented the Staff Report.

Mayor Cerda asked if anyone asked to speak on this item and if the Council had any comments or questions.

No public speakers.

Mayor Cerda asked if this merits for international travel as well.

City Manager Osorio replied to her question.

Council Member Love asked a question regarding the miles, is it possible to change it to miles/time; can that be taken into consideration? Also, how are the two elected officials chosen? She gave an explanation about traffic in LA and asked if time vs. miles can be taken into consideration.

City Manager Osorio replied to her questions.

Mayor Pro Tem Francis asked if two hours was a reasonable timeframe? She then asked about attending by Zoom and being physically present and stated the Brown Act may need updating.

City Manager Osorio explained and answered all questions.

City Attorney Vasquez explained the rules of the Brown Act and spoke about newly adopted legislation.

It was moved by Council Member Henderson, seconded by Council Member Love, and carried by the following roll call vote to Approve Revision to City Travel Policy:

Ayes: Council Members Henderson and Love, Mayor Pro Tem Francis, Council Member Tanaka, and Mayor Cerda
Noes: None
Absent: None

15. DEPARTMENTAL ITEMS – POLICE - *No Items*

16. DEPARTMENTAL ITEMS - PUBLIC WORKS

16.A Approve the Conceptual Design for Southern California Edison to Build the Infrastructure for Electric Vehicle Chargers for Arthur Johnson Park, Rowley Park and the Police Department Parking Lot.

City Manager Osorio presented the Staff Report.

Public Works Director Allan Rigg gave a presentation and was available for questions.

Mayor Cerda asked if anyone asked to speak on this item and if the Council had any comments or questions.

No public speakers.

Mayor Pro Tem Francis thanked Director Rigg for his presentation; asked what type of analysis was conducted to come up with the 27 spaces; She then asked about the following: public vs. private; is it $1,500 per charger that we're paying; Smart charger or a Intelli charger; about an easement, and if Edison owns that part of the land; are they paying us for this easement; are we gonna get any revenue out of it, and if this is forever; she also mentioned that she is very concerned about the parking, there are many functions that take place at Rowley Park where all the parking spaces have been taken up; parking is very critical at Rowley Park; doesn't see a need for this many parking spaces.

Council Member Henderson asked if the proposed project can be incorporated to the Environmental Justice plan as well as to our sustainability plan? Is TELLUS interested in co-branding with the City of Gardena and are they willing to pay a franchise fee?

Council Member Love commented on a great presentation and spoke in favor of the proposed project and spoke about Edison and them taking the initiative to invest in that amount of chargers and is glad to hear that we are getting ahead of it and making the community aware of it. She then asked will the city be able to generate revenue or are we going to generate enough to cover the cost, can a breakdown be provided?

Mayor Cerda asked how would our parks be patrolled because of the park's hours of operation; asked if idle fees could be explained; do these types of decisions have to be made at tonight's meeting; what is the average time to charge an electric car?

Council Member Tanaka asked who will be responsible for monitoring and managing the EV stations?

Mayor Pro Tem Francis asked for confirmation and stated based on what Edison is proposing, it's going to cost us $100,000 to put these in place, and so far we haven't identified the revenue on how were going to recoup the costs; we're giving them permission to use our property without any revenue; and how does this fit into our Park Master Plan.

Mayor Cerda then asked how many can we vote on tonight and confirmed its for Rowley and Arthur Johnson Parks and the public lot at our Police Department/City Hall.

City Manager Osorio and Director Rigg answered all questions and explained the proposed project in detail, and the roles of Edison and city staff. Director of Community Development Greg Tsujiuchi was also present and answered questions.

It was moved by Council Member Love, seconded by Council Member Henderson, and carried by the following roll call vote to Approve the Conceptual Design for the Infrastructure for Electric Vehicle Chargers:

Ayes: Council Members Love, Henderson and Tanaka, and Mayor Cerda
Noes: Mayor Pro Tem Francis
Absent: None

16.B RESOLUTION NO. 6631: Adopting a list of projects for Fiscal Year 2023- 2024 funded by SB1: The Road Repair and Accountability Act of 2017.

RESOLUTION NO. 6631

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF GARDENA, CALIFORNIA, ADOPTING A LIST OF PROJECTS FOR FISCAL YEAR 2023-2024 FUNDED BY SB 1: THE ROAD REPAIR AND ACCOUNTABILITY ACT of 2017

City Manager Osorio presented the Staff Report.

Mayor Cerda asked if anyone asked to speak on this item and if the Council had any comments or questions.

There were no public speakers.

Mayor Pro Tem Francis asked is this just to adopt the resolution cause we don't have the list of projects yet. She then asked if this would include where Golden State Water is installing new water lines all around the city.

Director of Public Works, Allan Rigg explained the work and answered all questions.

It was moved by Council Member Henderson, seconded by Council Member Tanaka, and carried by the following roll call vote to Adopt Resolution No. 6631:

Ayes: Council Members Henderson and Tanaka, Mayor Pro Tem Francis, Council Member Love, and Mayor Cerda
Noes: None
Absent: None

16.C PUBLIC HEARING: RESOLUTION NO. 6617: Confirming the Diagram and Assessment contained in the Engineer's Report dated April 25, 2023 for the Gardena Artesia Boulevard Landscape Assessment District and ordering the levy of assessments on the same for Fiscal Year 2023-2024.

RESOLUTION NO. 6617

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF GARDENA, CALIFORNIA, CONFIRMING THE DIAGRAM AND ASSESSMENT CONTAINED IN THE ENGINEER'S REPORT DATED APRIL 25, 2023, FOR THE GARDENA ARTESIA BOULEVARD LANDSCAPING ASSESSMENT DISTRICT AND ORDERING THE LEVY OF ASSESSMENTS ON THE SAME FOR FISCAL YEAR 2023-2024.

City Manager Osorio presented the Staff Report.

At 10:41 p.m., Mayor Cerda announced that the Public Hearing was open. She asked if anyone had asked to speak on this item and if Council had any comments or questions.

There were no public speakers.

Mayor Pro Tem Francis asked for confirmation if this is for the Artesia, Western, and Normandie medians and if it was going to cost us anything.

City Manager Osorio answered all questions.

At 10:42 p.m., Mayor Cerda then announced that the Public Hearing was closed.

It was moved by Council Member Love, seconded by Council Member Henderson, and carried by the following roll call vote to Conduct Public Hearing and Adopt Resolution No. 6617:

Ayes: Council Members Love and Henderson, Mayor Pro Tem Francis, Council Member Tanaka, and Mayor Cerda
Noes: None
Absent: None

16.D PUBLIC HEARING: RESOLUTION NO. 6618: Confirming the Diagram and Assessment contained in the Engineer's Report dated April 25, 2023, for the Gardena Consolidated Street Lighting Assessment District and ordering the levy of assessments on the same for Fiscal Year 2023-2024.

RESOLUTION NO. 6618

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF GARDENA, CALIFORNIA, CONFIRMING THE DIAGRAM AND ASSESSMENT CONTAINED IN THE ENGINEER'S REPORT DATED APRIL 25, 2023, FOR THE GARDENA CONSOLIDATED STREET LIGHTING ASSESSMENT DISTRICT AND ORDERING THE LEVY OF ASSESSMENTS ON THE SAME FOR FISCAL YEAR 2023-2024

City Manager Osorio presented the Staff Report.

At 10:44 p.m., Mayor Cerda announced that the Public Hearing was open. She asked if anyone had asked to speak on this item and if Council had any comments or questions.

There were no public speakers. There were no Council comments or questions.

At 10:45 p.m., Mayor Cerda then announced that the Public Hearing was closed.

It was moved by Council Member Love, seconded by Council Member Henderson, and carried by the following roll call vote to Conduct Public Hearing and Adopt Resolution No. 6618:

Ayes: Council Members Love and Henderson, Mayor Pro Tem Francis, Council Member Tanaka, and Mayor Cerda
Noes: None
Absent: None

17. DEPARTMENTAL ITEMS - RECREATION & HUMAN SERVICES ***- No Items***

18. DEPARTMENTAL ITEMS – TRANSPORTATION ***- No Items***

19. COUNCIL ITEMS

19.A RESOLUTION NO. 6630: Authorizing a Reward in an amount not to exceed $5,000 for information leading to the apprehension, identification, arrest and conviction of the person or persons responsible for the murder of Andrew Price in the City of Gardena on November 30, 2019.

RESOLUTION NO. 6630

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF GARDENA, CALIFORNIA, AUTHORIZING A REWARD IN AN AMOUNT NOT TO EXCEED $5,000 FOR INFORMATION LEADING TO THE APPREHENSION, IDENTIFICATION, ARREST AND CONVICTION OF THE PERSON OR PERSONS RESPONSIBLE FOR THE MURDER OF ANDREW PRICE IN THE CITY OF GARDENA ON NOVEMBER 30, 2019

City Manager Osorio presented the Staff Report.

Mayor Cerda asked if anyone asked to speak on this item and if the Council had any comments or questions.

There were no public speakers.

Mayor Pro Tem Francis spoke on behalf of the Price family.

It was moved by Mayor Pro Tem Francis, seconded by Council Member Tanaka, and carried by the following roll call vote to Adopt Resolution No. 6630:

Ayes: Mayor Pro Tem Francis, Council Members Tanaka, Henderson and Love, and Mayor Cerda
Noes: None
Absent: None

20. COUNCIL DIRECTIVES

Council Member Henderson

1) Asked if we could have staff work on the SCAG Grant for the EV Signage project - ***Council Member Tanaka seconded it.***

Mayor Cerda

1) She would like to propose that we amend the Council Policy, to read that Council can only make one (1) directive per meeting, and it must:
   a. State the purpose;
   b. Why the directive is warranted; and
   c. How it would benefit the City (with details).

Council Member Henderson seconded it and asked for guidelines for those three bullet points.

City Attorney Vasquez stated for the record that the directive will be agendized and placed on the agenda for a future meeting because it will be an amendment to the Council Policy.

21. CITY MANAGER REMARKS RE: DIRECTIVES / COUNCIL ITEMS

City Manager Osorio gave a verbal report of information to follow-up on matters that had been directed or requested by the Mayor and Members of Council. Those items were, as follows:

1) Memo regarding Photovoltaic canopies.
2) Memo regarding City Council inquiry on 1323 S. St. Andrews Pl.
3) Memo sent to Council regarding feasibility of open house real estate signs on parkways.
4) Memo regarding the Brown Act.

22. COUNCIL REMARKS

1. MAYOR PRO TEM FRANCIS - Since the last meeting she attended the Tea at the Willows and stated that “it was very nice”, commended staff for their hard; attended the South County Labor breakfast to present Larry Barragan with the Dan Foley Award for Labor; Greater Los Angeles Vector Control District meeting and Beautification meeting. She mentioned she did some research on mute buttons during Council Meetings and discovered that another case happened in the City of Carson and a complaint was filed with the District Attorney where the mute button was removed; she spoke about Asian American Pacific Islander month mentioned Jonny Kim who will be the first Korean American born Astronaut, who grew up here locally, and if you have a chance to attend a Memorial Day celebration, please do as we are honoring our military men and women who paid the ultimate sacrifice. Lastly, she stated that “Better days are ahead.”

2. COUNCIL MEMBER TANAKA - Since the last meeting he attended the COG Steering Committee meeting; COG Legislative briefing; Childcare Provider Appreciation dinner at Cherrystones; the Police Medal of Valor presentation and congratulated the Chief, Captain Osorio, the two recipients and mentioned he was proud of our Honor Guard, and the Gardena Police Department. Lastly, he attended the South County Labor Awards breakfast.

3. COUNCIL MEMBER LOVE - Since the last meeting she attended the Medal of Valor, Fun in the Sun, and thanked our USPS and Postmaster Ms. Lawanda from Gardena Postal Branch that is located on Redondo Beach Blvd for the Food Drive event she did last week, where they collected and donated a ton of non-perishable food items. She and some of her carriers came over the Human Services Food Pantry giveaway and got a lot of information on how the food pantry works; she thanked them for choosing Gardena.

4. MAYOR CERDA - Since the last meeting she attended Childcare Provider Appreciation dinner and special shout out Recreation Staff for putting that together. Mayor Cerda attended the monthly Sanitation meeting, California City's Gaming Authority meeting, Medal of Valor and commends the two officers who received the Medal of Valor. She also commended the Police Department for their services to the community.

5. COUNCIL MEMBER HENDERSON – started by thanking the Human Services Department for their services and thanked the Senior Commission for their presentation. Since the last meeting he attended Childcare dinner at Cherrystones; BizFed Homeless Committee meeting; South County Labor breakfast. He had the opportunity to partake and speak in a Broadband for all event that was hosted by the California Public Utilities Commission and California Department of Technology in the City of Long Beach and gave me an opportunity to speak; attended the Medal of Valor, asked Chief to please pass on that we are proud; attended AQMD meeting; the Mental Health event, TELACU CDC Gala dinner at the JW Marriot they are doing some great community work. Lastly, he reminded everyone of the Community Forums that he will be hosting in the Council Chambers on the third Saturdays in June, July, and August from 9am-12pm. Also, thanked the public for the comments regarding their behavior of last week's Council Meeting.

23. ANNOUNCEMENT(S)

Mayor Cerda announced:

1) A Night in Paradise Candlelight Dinner, Thursday, May 25, 2023, at the Nakaoka Community Center Auditorium. Doors open at 4:30 pm: Dinner Served at 5:15 pm.
2) Health Pet Clinic, Saturday, May 27, 2023, from 9:00 am - 1:00 pm at the Nakaoka Community Center.
3) Organic Waste Meeting hosted by Waste Resources, Thursday, June 1, 2023, at 7:00 pm at Rowley Park Auditorium.
4) Bring It On the Blvd, Saturday, June 3, 2023, at 11:00 am - 3:00 pm.
5) Budget Forum FY 2023-2024, Wednesday, June 7, 2023, from 6:00 pm - 7:30 pm at the Nakaoka Community Center. Virtual Budget Forum FY 2023-2024, Wednesday, June 14, 2023, from 6:00 pm - 7:30 pm - Zoom Meeting.
6) Summer Glow Up Dance Party, Friday, June 9, 2023, from 6:30 pm to 9:00 pm at the Nakaoka Community Center.
7) Compost Giveaway, Saturday, June 10. 2023 from 8:00 am - 12:00 pm at Rowley Park. Free for all Gardena Residential Customers.
8) Etch & Catch, June 10, 2023, from 9:00 am - 1:00 pm at Gardena PD Parking Lot.
9) Flag Day Celebration, Wednesday, June 14, 2023, at City Hall Lawn at 11:00 am.
10) Save the Date! Juneteenth Celebration, Saturday, June 17, 2023, at City Hall Lawn.
11) Show & Shine Car Exhibit, Saturday, June 24, 2023, at Rowley Park from 10:00 am - 2:00 pm.
12) Neighborhood Watch Meetings: District 1, Thursday, May 25, 2023, at 6:00 pm. District 3, Thursday, May 25, 2023, at 7:00 pm.

24. REMEMBRANCES

Angel Perez, 45 years of age, beloved brother of Robert Fata, Sewer Maintenance Worker in the Public Works Department

25. ADJOURNMENT

At 11:12 p.m., Mayor Cerda adjourned the Gardena City Council Meeting to the Closed Session portion of the City Council Meeting at 7:00 p.m., and the Regular City Council Meeting at 7:30 p.m. on Tuesday, June 13, 2023.

MINA SEMENZA
City Clerk of the City of Gardena and
Ex-officio Clerk of the Council

APPROVED:

_____
Tasha Cerda, Mayor

By:_____
Becky Romero, Deputy City Clerk

Regular PEQC Meeting Notice and Agenda of the Planning and Environmental Quality Commission Tuesday, May 16, 2023

The Regular PEQC Meeting Notice and Agenda of the Planning and Environmental Quality Commission of the City of Gardena, California, was called to order at 7:00 PM on Tuesday, May 16, 2023, in the Council Chambers at 1700 W. 162nd Street, Gardena, California.

PARTICIPATE BEFORE THE MEETING by emailing the Planning Commission at planningcommissioner@cityofgardena.org by 5:00 PM on the day of the meeting and write "Public Comment" in the subject line

1. **CALL MEETING TO ORDER**
   The meeting was called to order at 7:06 PM

2. **ROLL CALL**
   Present: Chair Deryl Henderson; Vice Char Stephen P. Langley; Commission Jules Kanhan, Commissioner Ronald Wright-Scherr
   Absent: Steve Sherman

3. **PLEDGE OF ALLEGIANCE**
   Vice Chair Langley lead the pledge of allegiance

4. **APPROVAL OF MINUTES**

   4.A April 18, 2023 MEETING
   23_04_18 PCMIN.pdf

   A motion was made by Vice Chair Langley and seconded by Commissioner Kanhan to approve the minutes of the meeting on April 18, 2023.

   The motion was passed by the following roll call vote:
   Ayes: Langley, Kanhan, Henderson
   Noes:
   Abstain: Wright-Scherr

5. **ORAL COMMUNICATIONS**
   No members of the public wished to speak to the Planning Commission under oral communications.

6. **PUBLIC HEARING ITEMS**

6.A **CONDITIONAL USE PERMIT #1-23**

A request for a conditional use permit, per section 18.32.030.B of the Gardena Municipal Code, to allow the on-site sale and consumption of beer and wine in an existing restaurant located in the General Commercial (C-3) zone and direct staff to file a Notice of Exemption as an existing facilities project.
Project Location: 1425 West Artesia Boulevard Unit #21-22 (APN: 6106-034-001)
Applicant: Tim Mao (Top BBQ & Noodle
Restaurant) Staff Report (CUP #1-23)
Attachment A: Resolution (6-23)
Exhibit A: COA (1-23)
Exhibit B: Project Plans
Attachment B: Notice of Public Hearing

Planning Assistant, Kevin La, presented the staff report to the Planning Commission.

Chair Henderson opened the public hearing.

The applicant addressed to the Commission that there will be no live entertainment, dancing, or karaoke at the establishment.

Chair Henderson closed the public hearing.

MOTION: It was moved by Commissioner Kanhan and seconded by Commissioner Wright-Scherr to approve Resolution No. PC 6-23 approving Conditional Use Permit #1-23 and directed staff to file a Notice of Exemption

The motion was passed by the following roll call vote:
Ayes: Kanhan, Wright-Scherr, Langley, Henderson
Noes:

6.B **VESTING TENTATIVE MAP #1-22**

A request for a vesting tentative map per Chapter 17.08 of the Gardena Municipal Code, for the subdivision of airspace to create five condominium units for a property located in the Medium Residential Multiple-Family Residential Zone (R-3) zone and direct staff to file a Notice of Exemption pursuant to Guidelines section 15061(b)(3). Project Location: 1715 West 149th Street (APN: 6103-022-091)
Applicant: FM Marketing & Properties,
LLC VTM #1-22 Staff Report
Attachment A: Resolution No. PC 9-23
Exhibit A: Conditions of Approval
Exhibit B: TTM 83979 (#1-22)
Attachment B: Notice of Public Hearing

Mr. La presented the staff report to the Commission.

Chair Henderson opened the public hearing.

Commissioner Kanhan inquired why the applicant had not completed the process of recording the final map with the Los Angeles County's Recorder's office.

Mr. La stated that the previous property owner was in the process of selling the property to the current applicant and during the transaction period, building permits were submitted however, a final map was not filed with Los Angele County Recorder's Office thus, the approval of the tentative map had expired, which is why the current applicant is applying for a new Vesting Tentative Map.

Chair Henderson asked if the project would have to come back with new renderings.

Senior Planner, Amanda Acuna, stated that the construction of the building is still in accordance with what was previously approved by the Planning Commission and the conditions of the project are still applicable to the development and building permits.

Chair Henderson closed the public hearing.

MOTION: It was moved by Vice Chair Langley and seconded by Commissioner Kanhan to approve Resolution No. PC 9-23 approving Vesting Tentative Map #1-22 and directed staff to file a Notice of Exemption

The motion was passed by the following roll call vote:
Ayes: Langley, Kanhan, Wright-Scherr, Henderson
Noes:

6.C **ZONE TEXT AMENDMENT #3-23**

Recommendation to the City Council on adoption of an ordinance amending Title 18 and Title 5, Zoning, of the Gardena Municipal Code relating to regulations for short term home sharing rentals in residential zoning districts throughout the city and to direct staff to file a Notice of Exemption pursuant to CEQA Guidelines section 15061(b)(3) and 15308

Staff Report.pdf
Attachment A – Resolution PC No. 10-23.pdf
Exhibit A – Draft Ordinance 1854.pdf
Attachment B – Draft Administrative Guidelines.pdf
Attachment C – Public Noticing.pdf
Attachment D – Public Comment.pdf

Ms. Acuna presented the staff report to the Planning Commission.

Assistant Attorney, Lisa Kranitz, elaborated that Short Term Rentals (STRs) are currently included in one ordinance of the Gardena Municipal Code. This is part of the Accessory Dwelling Units (ADU) ordinance which prohibits the utilization of an ADU as an STR.

Vice Chair Langley wanted to confirm that only R-1 and R-2 zones will allow STRs under the drafted ordinance.

Ms. Acuna responded that the home-sharing ordnance would require that the homeowner resides on-site to allow for the rental of a bedroom and added that this type of rental would best fit in the R-1 and R-2 zones as rather than a multi-tenant complex where the property owners do not always necessarily reside on-site.

Chair Henderson asked how the City will monitor home-sharing on-site.

Community Development Director, Greg, Tsujiuchi, stated that the next upcoming budget of the Community Development Department (CDD) will allow CDD to hire more Code Enforcement to monitor the STRs.

Chair Henderson asked how many short-term rental units were currently listed in the City.

Ms. Acuna stated that in the last review of RentalScape, roughly 70 listings were recorded, however, added that the properties would have multiple listings on multiple sites.

Chair Henderson wanted to confirm whether the property owners would be subject to obtaining permits from the City.

Mr. Tsujiuchi added that the applicants would also have to pay a transit-oriented tax like motels and hotels.

Ms. Kranitz wanted to clarify to the Commission that the Planning staff is asking the commission on how long applicants with existing STR listings would have in order to comply with.

Vice Chair Langley wanted to know how far in advance the online platforms allow reservations of STRs.

Ms. Kranitz stated that there are members of the public that may have better knowledge to answer this question.

Commissioner Kanhan asked about what time limits will people have if they have just invested in the property to recoup the costs of renovations.

Ms. Acuna added that this ordinance is just for short-term rentals of less than 30 days, any renting of more than 30 days would be considered long term, which is already allowed.

Chair Henderson added he does not foresee that more than six months would be needed for property owners to comply with the new regulations. Chair Henderson then asked whether a property in the R-3 zone would be able to continue operations.

Ms. Acuna answered that they would have to cease their operations as the way the ordinance is currently written, it would prohibit all STRs in an R-3 zone or above.

Commissioner Wright-Scherr inquired what the procedures would be for a person found to be in violation of these regulations.

Ms. Acuna stated that there is a draft of administrative guidelines that goes over the requirements or process for violations.

Chair Henderson opened the public hearing.

Vera Povetino, suggested a one-year timeframe for compliance and stated she did not agree with the proposed ordinance and had concerns of requiring a two-car garage for properties that currently do not have a garage structure. Ms. Povetino also stated she felt that it was not fair to implement these regulations while the City was allowing higher density residential in certain areas, in relation to the updated Housing Element.

Yegor Kochifor stated his disagreement to the proposed ordinance and gave references to other cities that surround Gardena with less strict regulations.

Mariya Wrightsman also stated her disagreement with the proposed ordinance. Ms. Writsman also wanted confirmation that the Planning Commission had received her public comments.

Ms. Kranitz stated that the Planning Commission had received the public comment and copies of the comment were made available to the public for review.

Chair Henderson stated his appreciation to those who spoke at the public hearing. He then stated that the Commission would have to consider issues that may arise in connection to home-sharing short term rentals and how to address off-street parking concerns.

Ms. Kranitz wanted to elaborate that in the drafted ordinance, language to the enforcement penalties section should be edited to address the number of violations. As for the comments about recouping costs, Ms. Kranitz stated that like the ordinance that established new regulations for massage establishments, there would be a grace period where an applicant could also file for an extension of time to recoup the costs.

Vice Chair Langley had questions regarding how an applicant would apply to recoup the cost of investing in the property as an STR.

Ms. Kranitz responded that a request for extension of time would need to include empirical evidence that the use of the property as a long-term rental would not recoup the cost invested into the property for an STR. This would include an itemized list of how funds were spent for the STR.

Chair Henderson asked for clarification on how the Commission could make the suggested changes to the draft ordinance.

Ms. Kranitz answered that the Commission could ask staff to prepare a revised draft ordinance with the added changes, and that it be brought back to the Commission for review at a later date, if they chose to.

MOTION: It was moved by Vice Chair Langley and seconded by Commissioner Wright-Scherr to reopen the public hearing and continue it to the June 20, 2023, meeting, and direction to staff to make modifications to the draft ordinance relating to onsite parking space requirements, timeframe for compliance properties with existing listings, and to add a time extension process for compliance

The motion was passed by the following roll call vote:
Ayes: Langley, Wright Scherr, Kanhan, Henderson
Noes:

7. **COMMUNITY DEVELOPMENT DIRECTOR'S REPORT**

Mr. Tsujiuchi announced the following upcoming events: May 18th at 7:00 P.M., at the City's Council Chambers, there would be a scoping meeting as part of the environmental assessment process for a new housing project on Normandie Avenue; that July 6th is Dodger Day and tickets will be available to purchase at the Nakaoka Center, sold by Recreation Staff, and a bus service may be available again like previous years that would provide transit from Gardena City Hall to the Dodger's stadium; and on June 3rd, the "Bring it on the Boulevard" event will be happening from 11 A.M. to 3 P.M. that day where there will be activities highlighting businesses in Gardena and City services, and would located between Berendo Ave and Vermont Boulevard.

8. **PLANNING & ENVIRONMENTAL QUALITY COMMISSIONERS' REPORTS**

Chair Henderson welcomes Commissioner Wright-Scherr to the Planning and Environmental Quality Commission.

9. **ADJOURNMENT**

Chair Henderson adjourned the meeting at 8:27 P.M.

Respectfully submitted,

GREG TSUJIUCHI, SECRETARY
Planning and Environmental Quality Commission

DERYL HENDERSON, CHAIR
Planning and Environmental Quality Commission

MEMORANDUM

TO: Honorable Mayor and City Council

FROM: City Treasurer's Office

DATE: June 8, 2023

SUBJECT: WARRANT REGISTER
PAYROLL REGISTER

June 13, 2023	TOTAL WARRANTS ISSUED:	$3,409,135.65

Wire Transfer: 12416-12427
Prepay: 171913-171918
Check Numbers: 171919-172121
Checks Voided:

Total Pages of Register: 26

June 2, 2023	TOTAL PAYROLL ISSUED:	$1,656,783.67

for

Guy Mato, City Treasurer

cc: City Clerk

Bank code : usb

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
12416	5/17/2023	112326 LWP CLAIMS SOLUTIONS INC.	051723		WORKERS' COMP CLAIMS	10,038.59
					Total :	**10,038.59**
12417	5/17/2023	112401 PINNACLE CLAIMS MANAGEMENT INC	051723		HEALTH INSURANCE CLAIMS	4,469.80
					Total :	**4,469.80**
12418	5/17/2023	112441 ANTHEM BLUE CROSS LIFE &, HEALTH INSUF	365991102658		HEALTH INSURANCE CLAIMS	8,236.52
					Total :	**8,236.52**
12419	5/18/2023	112326 LWP CLAIMS SOLUTIONS INC.	051823		WORKERS' COMP CLAIMS	13,090.21
					Total :	**13,090.21**
12420	5/22/2023	112326 LWP CLAIMS SOLUTIONS INC.	052223		WORKERS' COMP CLAIMS	24,025.24
					Total :	**24,025.24**
12421	5/25/2023	419630 U.S. BANK	2298904		2006 COPS REFINANCING PROJECT SI	854,486.00
					Total :	**854,486.00**
12422	5/25/2023	112441 ANTHEM BLUE CROSS LIFE &, HEALTH INSUF	365997458414		HEALTH INSURANCE CLAIMS	43,660.80
					Total :	**43,660.80**
12423	5/25/2023	112525 NEIGHBORHOOD ESCROW	20836-DR.		PROPERTY ACQUISITION - 1731 162ND	608,976.14
					Total :	**608,976.14**
12424	5/26/2023	111894 HEALTHNOW ADMINISTRATIVE, SERVICES	U4780		HEALTH INSURANCE CLAIMS	44,441.17
					Total :	**44,441.17**
12425	5/26/2023	112326 LWP CLAIMS SOLUTIONS INC.	052623		WORKERS' COMP CLAIMS	42,737.52
					Total :	**42,737.52**
12426	5/31/2023	112401 PINNACLE CLAIMS MANAGEMENT INC	JUNE 2023		HEALTH INSURANCE	114,547.80
					Total :	**114,547.80**
12427	6/2/2023	112326 LWP CLAIMS SOLUTIONS INC.	060123		WORKERS' COMP CLAIMS	32,220.62
					Total :	**32,220.62**
171913	5/25/2023	112528 ANYTHING FOR SALINAS BAND	051923		ENTERTAINMENT SERVICES - BRING I	1,500.00

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Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
171913	5/25/2023	112528 112528 ANYTHING FOR SALINAS BAND	(Continued)		**Total :**	**1,500.00**
171914	5/25/2023	112533 HARRIS, JENIFER	06/08-06/12		ALL-AMERICA CITY COMPETITION	200.00
					Total :	**200.00**
171915	5/25/2023	112534 WAKUTA, LAYNE	06/08-06/12		ALL AMERICA CITY COMPETITON	200.00
					Total :	**200.00**
171916	5/25/2023	112535 YAMASHIRO, ERICKA	06/08-06/12		ALL AMERICA CITY COMPETITION	200.00
					Total :	**200.00**
171917	5/25/2023	116663 PROGRESSIVE SOLUTIONS, INC.	06/08/23		REGISTRATION - PSI USERS CONFERE	190.00
					Total :	**190.00**
171918	6/6/2023	112541 ELIAS, KAMYAH	06/08-06/13		ALL AMERICA CITY COMPETITON	200.00
					Total :	**200.00**
171919	6/13/2023	106086 ABC COMPANIES	3492428		GTRANS AUTO PARTS	409.11
					Total :	**409.11**
171920	6/13/2023	110161 ABRO, JENNIFER	05/07-05/11		TYLER CONNECT 2023 - PER DIEM,	1,095.94
					Total :	**1,095.94**
171921	6/13/2023	111853 ACCESS	10062942		PD SHREDDING SERVICES	100.00
			10176353		PD SHREDDING SERVICES	100.00
			10235568		PD SHREDDING SERVICES	100.00
					Total :	**300.00**
171922	6/13/2023	101748 AFTERMARKET PARTS COMPANY LLC, THE	82984809	037-10167	GTRANS AUTO PARTS	596.69
			83022968	037-10167	GTRANS AUTO PARTS	6,438.10
			83031373	037-10167	GTRANS AUTO PARTS	695.79
			83032671	037-10167	GTRANS AUTO PARTS	182.64
			83037597	037-10167	GTRANS AUTO PARTS	4,062.48
			83038916	037-10167	GTRANS AUTO PARTS	39.09
					Total :	**12,014.79**
171923	6/13/2023	112520 AGILITY FUEL SYSTEMS LLC	CD123951		CERTIFIED CNG FUEL SYSTEM INSPE(	850.00

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Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
171923	6/13/2023	112520 112520 AGILITY FUEL SYSTEMS LLC	(Continued)		**Total :**	**850.00**
171924	6/13/2023	112544 ALCARAZ, TIFFANY	051923		MGMT ANNUAL HEALTH BENEFIT	1,000.00
					Total :	**1,000.00**
171925	6/13/2023	101308 ALTEC INDUSTRIES, INC.	51217658	024-00934	TREE TRIMMING TRUCK REPAIR	8,201.66
					Total :	**8,201.66**
171926	6/13/2023	100925 AMERICAN MOVING PARTS	01A144358		GTRANS AUTO PARTS	379.33
			01A144366		GTRANS AUTO PARTS	1,798.16
			01A144602		GTRANS AUTO PARTS	1,243.61
					Total :	**3,421.10**
171927	6/13/2023	112532 ANGUIANO, MONICA	PERMIT #50021-0392		PERMIT DEPOSIT REFUND - 1933 W 15	5,000.00
					Total :	**5,000.00**
171928	6/13/2023	101628 AQUA-FLO SUPPLY	SI2110564		PARK MAINT SUPPLIES	210.35
					Total :	**210.35**
171929	6/13/2023	112540 ARCOS, JACLYN	06/08-06/13		ALL-AMERICA CITY COMPETITION	200.00
					Total :	**200.00**
171930	6/13/2023	106965 ASSA ABLOY ENTRANCE, SYSTEMS US INC.	SEI/1624723		SERVICE REPAIR - ROWLY PARK GYM	534.49
					Total :	**534.49**
171931	6/13/2023	104687 AT&T	19953162		TELEPHONE	410.51
			19953163		TELEPHONE	416.47
			19953473		TELEPHONE	18,627.16
			19956282		TELEPHONE	558.60
			19975448		TELEPHONE	31.43
			19975449		TELEPHONE	80.54
			19975463		TELEPHONE	31.43
			19975471		TELEPHONE	31.43
			19975472		TELEPHONE	82.53
					Total :	**20,270.10**
171932	6/13/2023	111170 AT&T FIRSTNET	287293416290X5102023		PD CELL PHONE ACCT #287293416290	1,868.70

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Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
171932	6/13/2023	111170 111170 AT&T FIRSTNET	(Continued)		**Total :**	**1,868.70**
171933	6/13/2023	100474 AT&T LONG DISTANCE	051223		TELEPHONE	87.83
					Total :	**87.83**
171934	6/13/2023	100964 AT&T MOBILITY	287275680401X060123		PD CELL PHONE ACCT #287275680401	147.70
			828667974X05162023		CM CELL PHONE ACCT #828667974	86.46
			835577878X06012023		PD CELL PHONE ACCT #835577878	645.34
					Total :	**879.50**
171935	6/13/2023	110686 AZTECH ELEVATOR COMPANY	AZ17673	037-10136	ELEVATOR MAINTENANCE - GTRANS A	1,275.00
			AZ17805	037-10136	ELEVATOR MAINTENANCE - GTRANS M	83.33
			AZ17806	037-10136	ELEVATOR MAINTENANCE - GTRANS A	285.00
			AZ17807	024-00844	ELEVATOR MAINTENANCE - CH	100.00
			AZ17808	024-00844	ELEVATOR MAINTENANCE - NCC	100.00
			AZ17809	024-00844	ELEVATOR MAINTENANCE - PW	285.00
			AZ17810	024-00844	ELEVATOR MAINTENANCE - NCC	285.00
					Total :	**2,413.33**
171936	6/13/2023	102054 BAVCO	216422		(21) BACKFLOW VALVE INSPECTIONS	945.00
					Total :	**945.00**
171937	6/13/2023	103641 BECNEL UNIFORMS	48762		BUS UNIFORM SUPPLIES	32.30
			55734		BUS UNIFORM SUPPLIES	555.07
			56523		BUS UNIFORM SUPPLIES	222.07
					Total :	**809.44**
171938	6/13/2023	102135 BEHRENDS, KENT	175	023-01401	IT NETWORK SUPPORT - APRIL 2023	3,400.00
			178	023-01401	IT NETWORK SUPPORT - OUTSIDE RE	4,656.25
			180	023-01401	IT NETWORK SUPPORT - MAY 2023	3,400.00
			186	023-01401	IT NETWORK SUPPORT - JUNE 2023	3,400.00
					Total :	**14,856.25**
171939	6/13/2023	102805 BLANCO, VERONICA	JAN-APR 2023		MILEAGE REIMBURSEMENT & GFCC P	175.02
					Total :	**175.02**
171940	6/13/2023	102331 BLUE DIAMOND MATERIALS	2991290		STREET MAINT SUPPLIES	73.70
			3049307		STREET MAINT SUPPLIES	119.94

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Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
171940	6/13/2023	102331 BLUE DIAMOND MATERIALS	(Continued)			
			3132329		STREET MAINT SUPPLIES	997.12
			3143897		STREET MAINT SUPPLIES	233.04
					Total :	**1,423.80**
171941	6/13/2023	111902 BPR CONSULTING GROUP LLC	573	032-00114	CONSULTING SERVICES - FEBRUARY 2	92,705.54
			673	032-00114	CONSULTING SERVICES - APRIL 2023	75,807.41
					Total :	**168,512.95**
171942	6/13/2023	105991 BURRO CANYON ENT., INC.	2939		RANGE FEES 05/09-05/11/23	230.00
					Total :	**230.00**
171943	6/13/2023	103029 CALIFORNIA FENCE & SUPPLY	M10363		PARK MAINT SUPPLIES	7.29
					Total :	**7.29**
171944	6/13/2023	107369 CALIFORNIA PALMS	19323		JAZZ FESTIVAL & EVENT TENTS	1,986.79
					Total :	**1,986.79**
171945	6/13/2023	103383 CALPORTLAND	95872468		STREET MAINT SUPPLIES	579.40
			95882793		STREET MAINT SUPPLIES	865.48
			95891193		STREET MAINT SUPPLIES	576.90
					Total :	**2,021.78**
171946	6/13/2023	110538 CANNON COMPANY	83547	024-00821	RBB ARTERIAL IMPROVEMENT PROJE	16,068.50
			83743	024-00821	RBB ARTERIAL IMPROVEMENT PROJE	1,343.25
			84574	024-00788	STORM DRAIN CATCH BASIN SCREEN	862.50
					Total :	**18,274.25**
171947	6/13/2023	112073 CAROLLO ENGINEERS, INC	FB35416	024-00828	SEWER MASTER PLAN PROJECT	37,478.00
					Total :	**37,478.00**
171948	6/13/2023	803420 CARPENTER, ROTHANS & DUMONT, LAW OFF	43626		LEGAL SERVICES	1,126.43
			43627		LEGAL SERVICES	316.54
			43628		LEGAL SERVICES	5,990.50
			43631		LEGAL SERVICES	144.00
			43632		LEGAL SERVICES	902.09
			43633		LEGAL SERVICES	316.80
			43635		LEGAL SERVICES	454.70

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Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
171948	6/13/2023	803420 CARPENTER, ROTHANS & DUMONT, LAW OFF	(Continued)			
			43636		LEGAL SERVICES	234.00
					Total :	**9,485.06**
171949	6/13/2023	303331 CDTFA	APRIL 2023		UNDERGROUND STORAGE TANK MAIN	121.00
			MAY 2023		UNDERGROUND STORAGE TANK MAIN	96.00
					Total :	**217.00**
171950	6/13/2023	105122 CERDA, TASHA	CERDA 2022/2023		PURCHASE REIMBURSEMENT - CITY S	437.31
			CERDA 22/23.		PURCHASE REIMBURSEMENT - GHS E	27.69
					Total :	**465.00**
171951	6/13/2023	108378 CHARLES E. THOMAS COMPANY INC.	96382	037-10158	DESIGNATED OPERATOR SERVICES	200.00
					Total :	**200.00**
171952	6/13/2023	112542 CHO, JOO HYOUNG	PERMIT #50021-0299		PERMIT DEPOSIT REFUND -15492 S WI	7,500.00
					Total :	**7,500.00**
171953	6/13/2023	112538 CHUNG, CLARE	PERMIT #17759		PERMIT DEPOSIT REFUND - 2036 W 15	500.00
					Total :	**500.00**
171954	6/13/2023	308112 CITY OF HAWTHORNE	23-0524 GPD		"AREA G" MOBILE COMMAND - MODUL	102.77
					Total :	**102.77**
171955	6/13/2023	312105 CITY OF LOS ANGELES	MA230000036		TRAFFIC SIGNAL MAINTENANCE & OPI	852.83
					Total :	**852.83**
171956	6/13/2023	111534 CLEAN ENERGY	CE12577867	037-10217	GTRANS OFFSITE CNG FUELING SERV	51,010.66
			CE12584966	037-10217	GTRANS OFFSITE CNG FUELING SERV	46,635.17
					Total :	**97,645.83**
171957	6/13/2023	102388 COPYLAND, INC.	82474	037-10175	GTRANS - OPERATOR'S DAILY LOG	352.86
			82495	037-10175	GTRANS - EMPLOYEE ABSENCE FORM	352.86
			82629	037-10175	GTRANS - 8.5X11 COLOR BROCHURE	581.94
			82725	037-10175	GTRANS - 3.5X8.5 TAKE ONE CARDS	806.38
					Total :	**2,094.04**
171958	6/13/2023	103512 CRENSHAW LUMBER CO.	81089		STREET MAINT SUPPLIES	1,388.62

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Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
171958	6/13/2023	103512 103512 CRENSHAW LUMBER CO.	(Continued)		**Total :**	**1,388.62**
171959	6/13/2023	103353 CRM COMPANY, LLC.	LA22563		SCRAP TIRE DISPOSAL FEE	69.50
			LA22590		SCRAP TIRE DISPOSAL FEE	69.50
					Total :	**139.00**
171960	6/13/2023	110319 CWE DIRECTOR	23206	024-00766	MS4 & NPDES - MONITORING & COMPI	397.50
			23208	024-00846	MS4 & NPDES - MONITORING & COMPI	8,216.50
					Total :	**8,614.00**
171961	6/13/2023	107082 CXTEC INC.	7192940		RAPIDCARE HARDWARE & TAC SUPPC	155.00
					Total :	**155.00**
171962	6/13/2023	120219 CYBER SECURITY SOURCE	11633		REC MAINT SUPPLIES	731.83
					Total :	**731.83**
171963	6/13/2023	111938 DANDOY GLASS	20950		ROSECRANS COMMUNITY BLDG BOAF	1,508.00
					Total :	**1,508.00**
171964	6/13/2023	112527 DAY, JOHN	PERMIT #50022-0993		PERMIT DEPOSIT REFUND - 15503 VAN	7,500.00
					Total :	**7,500.00**
171965	6/13/2023	111377 DE NOVO PLANNING GROUP	3839	032-00088	PROFESSIONAL SERVICES - GARDEN/	17,553.50
					Total :	**17,553.50**
171966	6/13/2023	312558 DEPARTMENT OF ANIMAL CARE, & CONTROL	APRIL 2023		MONTHLY ANIMAL SERVICES - APRIL 2	362.67
					Total :	**362.67**
171967	6/13/2023	312117 DEPARTMENT OF WATER & POWER	052323		LIGHT & POWER	94.18
			053123		LIGHT & POWER	68.17
					Total :	**162.35**
171968	6/13/2023	104500 DOOLEY ENTERPRISES, INC	65569	035-01240	PD AMMUNITION SUPPLIES	10,151.13
			65631		PD AMMUNITION SUPPLIES	116.91
					Total :	**10,268.04**
171969	6/13/2023	109416 E S SPORTS	11669		CUSTOM GRAPHICS FOR UNIT P18	296.20
			11675		CUSTOM GRAPHICS FOR UNIT K9-3	116.00

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Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
171969	6/13/2023	109416 E S SPORTS	(Continued)			
			11676		CUSTOM GRAPHICS FOR UNIT G3	135.00
			11680		CUSTOM GRAPHICS FOR UNIT PE-9	967.80
					Total :	**1,515.00**
171970	6/13/2023	112497 ELITE LINE DANCE WORKSHOP	041923		ENTERTAINMENT SERVICES - CANDLE	300.00
					Total :	**300.00**
171971	6/13/2023	105418 EMPIRE CLEANING SUPPLY	S5662398	034-00551	CUSTODIAL SUPPLIES	486.75
			S5685571	034-00551	CUSTODIAL SUPPLIES	2,767.52
			S5693211	024-00945	CLEAN UP DAY EVENT 2023	4,131.08
			S5750764	034-00551	CUSTODIAL SUPPLIES	1,695.97
			S5784224	034-00551	CUSTODIAL SUPPLIES	658.82
					Total :	**9,740.14**
171972	6/13/2023	106459 ENTERPRISE FM TRUST	FBN4707419	023-01402	ENTERPRISE LEASE - APRIL 2023 - PD	13,474.03
			FBN4759227	023-01402	ENTERPRISE LEASE - JUNE 2023	12,530.05
					Total :	**26,004.08**
171973	6/13/2023	106459 ENTERPRISE FM TRUST	FBN4761632	023-01402	ENTERPRISE LEASE - JUNE 2023 - PD	9,516.73
					Total :	**9,516.73**
171974	6/13/2023	112491 ENVIRONMENT RATING SCALES INST	CR0411	331-00068	FCC TRAINING WEBINAR	1,500.00
					Total :	**1,500.00**
171975	6/13/2023	112539 ESPINOSA, DIANNA	06/08-06/13		ALL-AMERICA CITY COMPETITION	200.00
					Total :	**200.00**
171976	6/13/2023	112290 EUROFINS TESTOIL, INC.	352370		SAMPLE KITS	1,600.00
					Total :	**1,600.00**
171977	6/13/2023	110320 EYEDEAL INTERIORS INC	CG300296	034-00580	ROWLEY PARK IMPROVEMENT PROJE	12,573.00
			CG300392	034-00580	ROWLEY PARK IMPROVEMENT PROJE	9,931.00
					Total :	**22,504.00**
171978	6/13/2023	100055 FAIR HOUSING FOUNDATION	APRIL 2023		CDBG CONSULTANT	1,623.27
					Total :	**1,623.27**

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171979	6/13/2023	106129 FEDEX	8-129-31656		SHIPPING SERVICES	59.92
					Total :	**59.92**
171980	6/13/2023	111415 FILTERBUY, INC	BAFEC8C7-0012		GTRANS AUTO PARTS	505.39
					Total :	**505.39**
171981	6/13/2023	103083 FIRST ADVANTAGE LNS OCC HEALTH, SOLUT	2503962304		DRUG TEST/ADMIN FEE	226.43
					Total :	**226.43**
171982	6/13/2023	112329 FM THOMAS AIR CONDITIONING INC	45235	024-00893	HVAC PREVENTATIVE MAINTENANCE S	19,573.17
			45286		HVAC REPAIRS FOR NCC	1,584.45
					Total :	**21,157.62**
171983	6/13/2023	106465 FOX FIRST AID & SAFETY INC	70159		STREET MAINT SUPPLIES	31.97
					Total :	**31.97**
171984	6/13/2023	112566 GALLS, LLC	BC1886792		PD UNIFORM SUPPLIES	1,085.16
					Total :	**1,085.16**
171985	6/13/2023	107030 GARDENA AUTO PARTS	166417		PW AUTO PARTS	24.41
			168664		PW AUTO PARTS	29.98
			9302022		PW AUTO PARTS	-29.76
					Total :	**24.63**
171986	6/13/2023	107011 GARDENA VALLEY NEWS, INC.	00130271		NOTICE INVITING BIDS - JN 513	1,337.00
			00130512		SUMMARY OF ORDINANCE NO. 1852	105.00
			00130513		SUMMARY OF ORDINANCE NO. 1851	150.50
			00130514		SUMMARY OF ORDINANCE NO. 1849	140.00
			00130610		NOTICE OF PUBLIC HEARING -	210.00
			00130878		NOTICE OF PUBLIC HEARING	210.00
			00130970		SUMMARY OF ORDINANCE NO. 1852	133.00
			00130971		SUMMARY OF ORDINANCE NO. 1849	161.00
			00130972		SUMMARY OF URGENCY ORDINANCE	140.00
					Total :	**2,586.50**
171987	6/13/2023	619005 GAS COMPANY, THE	060123		GAS	8,212.59
					Total :	**8,212.59**

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Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
171988	6/13/2023	106470 GILLIG LLC	41027869	037-10174	GTRANS AUTO PARTS	918.27
			41033436	037-10174	GTRANS AUTO PARTS	475.91
			41039740	037-10174	GTRANS AUTO PARTS	723.67
			41042262	037-10174	GTRANS AUTO PARTS	9.96
					Total :	**2,127.81**
171989	6/13/2023	619004 GOLDEN STATE WATER CO.	051923		WATER	12,789.78
					Total :	**12,789.78**
171990	6/13/2023	107513 GRAINGER	9667136767	037-10233	BUS FACILITY SUPPLIES	3,964.31
			9680663243		BUS FACILITY SUPPLIES	-257.43
			9701150790		BUS FACILITY SUPPLIES	38.78
			9708523460		BUS FACILITY SUPPLIES	42.07
					Total :	**3,787.73**
171991	6/13/2023	112530 HAIKYAN, SUSANNA	PERMIT #50020-0587		PERMIT DEPOSIT REFUND - 16825 LA S	5,000.00
					Total :	**5,000.00**
171992	6/13/2023	108246 HARRIS & ASSOCIATES	57646	032-00104	CEQA REPORT - HITCO PROJECT - 160	2,295.00
					Total :	**2,295.00**
171993	6/13/2023	112076 HERNANDEZ, ROSA	011		INTERN SERVICES - 05/11-05/30/23	1,837.50
					Total :	**1,837.50**
171994	6/13/2023	111549 HF & H CONSULTANTS, LLC	9719784	024-00944	CONSULTING SERVICES - SOLID WAST	10,664.00
			9720042	024-00944	CONSULTING SERVICES - SOLID WAST	8,388.50
			9720163	024-00944	CONSULTING SERVICES - SOLID WAST	8,053.00
			9720168	024-00944	CONSULTING SERVICES - SOLID WAST	11,546.75
					Total :	**38,652.25**
171995	6/13/2023	108434 HOME DEPOT CREDIT SERVICES	0544496		REC PROGRAM SUPPLIES	61.28
			1042185		SIGNS/SIGNALS SUPPLIES	161.96
			2322754		BLDG MAINT SUPPLIES	352.59
			3535853		BLDG MAINT SUPPLIES	24.57
			4523103		PARK MAINT SUPPLIES	85.31
			4542858		REC PROGRAM SUPPLIES	95.21
			5901032		REC PROGRAM SUPPLIES	219.28
			6511806		BLDG MAINT SUPPLIES	53.28

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Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
171995	6/13/2023	108434 HOME DEPOT CREDIT SERVICES	(Continued)			
			7720348		CUSTODIAL SUPPLIES	75.97
			8878737		CUSTODIAL SUPPLIES	58.08
			9743765		REC PROGRAM SUPPLIES	14.18
			9902336		CUSTODIAL SUPPLIES	101.07
					Total :	**1,302.78**
171996	6/13/2023	108430 HOME PIPE & SUPPLY	F44446		BLDG MAINT SUPPLIES	17.67
					Total :	**17.67**
171997	6/13/2023	105513 INDUSTRIAL CLEANING SYSTEMS, INC.	40363		SERVICE CALL	311.01
					Total :	**311.01**
171998	6/13/2023	106714 INTERSTATE BATTERIES OF, CALIFORNIA CO.	170047849		GTRANS AUTO PARTS	304.37
					Total :	**304.37**
171999	6/13/2023	103064 ITERIS, INC.	149096	024-00946	1450 ARTESIA SIGNAL ANALYSIS PEER	2,230.00
					Total :	**2,230.00**
172000	6/13/2023	108555 JALISCO TIRE & AUTO REPAIR	52223		(1) TIRE MOUNT & BALANCE, (1) FLAT	35.00
			52323		(4) TIRES MOUNT & BALANCE	80.00
			52523		FLAT REPAIR	15.00
					Total :	**130.00**
172001	6/13/2023	110853 JONES & MAYER	115368		ATTORNEY SERVICES	1,458.75
			115906	020-00042	ATTORNEY SERVICES	10,589.49
			115907		ATTORNEY SERVICES	270.15
			115908		ATTORNEY SERVICES	44.30
			115909		ATTORNEY SERVICES	44.30
			115910		ATTORNEY SERVICES	66.45
			115911		ATTORNEY SERVICES	420.89
			115912		ATTORNEY SERVICES	108.05
			115913		ATTORNEY SERVICES	864.45
			115914		ATTORNEY SERVICES	4,538.35
			115915		ATTORNEY SERVICES	54.03
			115916		ATTORNEY SERVICES	44.30
			115917		ATTORNEY SERVICES	1,860.77

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Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
172001	6/13/2023	110853 JONES & MAYER	(Continued)			
			115918		ATTORNEY SERVICES	4,984.21
			115919		ATTORNEY SERVICES	88.61
			115920		ATTORNEY SERVICES	8,225.80
			115921		ATTORNEY SERVICES	1,782.93
			115922		ATTORNEY SERVICES	841.78
			115923		ATTORNEY SERVICES	1,350.70
					Total :	**37,638.31**
172002	6/13/2023	108107 JTB SUPPLY COMPANY, INC	111955		PW TRAFFIC SUPPLIES	1,804.16
					Total :	**1,804.16**
172003	6/13/2023	211429 KEMP, TAMARA	APR-MAY 2023		DANCE INSTRUCTOR	2,430.00
					Total :	**2,430.00**
172004	6/13/2023	101080 KEVIN EHRHART MD CONSULTING, C/O LOCL	2769		CONSULTING SERVICES	2,000.00
					Total :	**2,000.00**
172005	6/13/2023	111517 KIRK'S AUTOMOTIVE INC.	1070941		GTRANS SHOP SUPPLIES	65.00
					Total :	**65.00**
172006	6/13/2023	111045 KJ SERVICES	2652		USED OIL PROGRAM EXPENSE - MARC	2,639.70
			2669		USED OIL PROGRAM EXPENSE - APRIL	958.72
					Total :	**3,598.42**
172007	6/13/2023	111260 KJOS, BARBARA JEAN	MAY 2023		GARDENA FAMILY CHILD CARE PROGF	1,426.00
					Total :	**1,426.00**
172008	6/13/2023	112357 KLASSIC ENGINEERING &, CONSTRUCTION II	050523	024-00902	FIRE STATION #158 ROOF REPLACEME	79,005.88
					Total :	**79,005.88**
172009	6/13/2023	112033 L.A. COUNTY DEPARTMENT OF, PUBLIC WOR	SA230000383	024-00947	ASPHALT REPAIR AT VERMONT AND 13	22,697.12
					Total :	**22,697.12**
172010	6/13/2023	312240 L.A. COUNTY DEPARTMENT OF, PUBLIC WOR	23031304581	024-00948	TRAFFIC LANE MARKINGS NEAR 1000	3,585.14
			23041005287		TRAFFIC SIGNAL MAINT - SIGNAL TIMI	148.11
			23050805894	024-00878	INDUSTRIAL WASTE SERVICES	8,414.62
			23050806276	024-00878	TRAFFIC SIGNAL MAINT-HIGHWAY SAF	3,664.54

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Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
172010	6/13/2023	312240 312240 L.A. COUNTY DEPARTMENT OF, PUBLIC (Continued)			**Total :**	**15,812.41**
172011	6/13/2023	312113 L.A. COUNTY SHERIFF'S DEPT	232977BL		INMATE MEAL DELIVERY PROGRAM - A	951.08
					Total :	**951.08**
172012	6/13/2023	104203 L.A. PAINT & BODY WORKS	25116	037-10234	BUS REPAIR FOR BUS #723	2,558.04
					Total :	**2,558.04**
172013	6/13/2023	106372 LANDSCAPE STRUCTURES, INC.	INV-128714		PARK MAINT SUPPLIES	1,904.70
					Total :	**1,904.70**
172014	6/13/2023	105874 LAWSON PRODUCTS, INC.	9310607637		BUS SHOP SUPPLIES	530.84
					Total :	**530.84**
172015	6/13/2023	110920 LIBERTY MANUFACTURING, INC	603		PD RANGE SERVICES	403.50
					Total :	**403.50**
172016	6/13/2023	109517 LOAD N' GO BUILDING MATERIALS	26697		STREET MAINT SUPPLIES	142.19
					Total :	**142.19**
172017	6/13/2023	109058 LOBBY TRAFFIC SYSTEMS INC	8721		THORNBURG PARK - REPLACE CHAIN	1,495.00
					Total :	**1,495.00**
172018	6/13/2023	105279 LOS ANGELES TRUCK CENTERS LLC	XA220494995		PW AUTO PARTS	289.94
					Total :	**289.94**
172019	6/13/2023	111467 LOVE, WANDA	05/03-05/05		SCAG 2023 REGIONAL CONFERENCE	315.06
					Total :	**315.06**
172020	6/13/2023	112543 LOWKEEN, DONOVAN	PERMIT #50022-0315		PERMIT DEPOSIT REFUND - 15214 CHA	5,000.00
					Total :	**5,000.00**
172021	6/13/2023	112607 LUMINATOR TECHNOLOGY GROUP INC	610435		BUS SHOP SUPPLIES	521.44
					Total :	**521.44**
172022	6/13/2023	112615 LU'S LIGHTHOUSE, INC.	01241853	037-10148	GTRANS SHOP SUPPLIES	212.25
			01242874	037-10148	GTRANS SHOP SUPPLIES	507.32
					Total :	**719.57**

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Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
172023	6/13/2023	112326 LWP CLAIMS SOLUTIONS INC.	21484	023-01421	WORKERS' COMP CLAIMS ADMINISTR/	20,666.00
					Total :	**20,666.00**
172024	6/13/2023	109203 MAKAI SOLUTIONS	SD1165	037-10163	FACILITIES & EQUIPMENT MAINTENAN	276.50
			SD1261		RELOCATED FIVE OVERHEAD REELS /	1,916.21
					Total :	**2,192.71**
172025	6/13/2023	213055 MAND, RACHELLE	060123		PROVIDER PRESENTATION ON 05/31/2	200.00
					Total :	**200.00**
172026	6/13/2023	113036 MANERI SIGN CO., INC.	40014092		SIGN - 18X24 "STREET SWEEPING"	1,231.38
			40014124		SIGN - 12X18 PARKING SIGNS	492.43
			40014187		SIGN - 18X18 "NO BORDER"	307.81
					Total :	**2,031.62**
172027	6/13/2023	813030 MANNING & KASS	770100		LEGAL SERVICES	1,446.00
			770703		LEGAL SERVICES	2,195.00
					Total :	**3,641.00**
172028	6/13/2023	113046 MARX BROS. FIRE EXTINGUISHER, CO., INC.	E54009		FIRE EXTINGUISHER SERVICE - CITY H	650.00
					Total :	**650.00**
172029	6/13/2023	113064 MCMASTER-CARR SUPPLY COMPANY	97359747		GTRANS SHOP SUPPLIES	68.31
			97511004		GTRANS SHOP SUPPLIES	-48.64
			97691209		GTRANS SHOP SUPPLIES	19.34
			98375493		PW SHOP SUPPLIES	79.09
					Total :	**118.10**
172030	6/13/2023	110784 MD AUTOBODY	1632	037-10219	GTRANS BUS REPAIRS	4,173.00
					Total :	**4,173.00**
172031	6/13/2023	112524 MDG ASSOCIATES, INC.	17529		HOME ARP PLAN PREPARATION	1,999.00
					Total :	**1,999.00**
172032	6/13/2023	111981 MIRANDA, ELLNER	02/06-03/20		MAINTENANCE TRAINING - MILEAGE	544.96
			04/06		INTERVIEW PANEL - MILEAGE	22.27
					Total :	**567.23**

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Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
172033	6/13/2023	112058 MOBILE CAR & TRUCK WASH JBT	2222	037-10184	40' BUS INTERIOR DETAILING	3,252.38
			2228	037-10184	40' BUS INTERIOR DETAILING	3,252.38
					Total :	**6,504.76**
172034	6/13/2023	103093 MOBILE RELAY ASSOCIATES, INC.	101009681-1	037-10179	GTRANS BUS RADIO SYSTEM RENTAL	4,705.20
			101009682		GTRANS BUS RADIO SYSTEM RENTAL	-12,154.53
			101009683		GTRANS BUS RADIO SYSTEM RENTAL	-298.68
			101009684-1	037-10179	GTRANS BUS RADIO SYSTEM RENTAL	115.56
			101009686	037-10179	GTRANS BUS RADIO SYSTEM RENTAL	2,850.72
			80020215	037-10179	GTRANS BUS RADIO SYSTEM RENTAL	12,154.53
			80020216	037-10179	GTRANS BUS RADIO SYSTEM RENTAL	298.68
					Total :	**7,671.48**
172035	6/13/2023	113605 MUTUAL LIQUID GAS & EQUIPMENT, CO., INC	668016		PROPANE GAS	651.78
			670314		PROPANE GAS	113.88
					Total :	**765.66**
172036	6/13/2023	110949 MVP'S AUTO GLASS	2023-235		BACK GLASS INSTALL - UNIT #24	420.50
					Total :	**420.50**
172037	6/13/2023	105622 N/S CORPORATION	0116953	037-10165	GTRANS BUS WASH EQUIPMENT MAIN	396.77
					Total :	**396.77**
172038	6/13/2023	109697 NATIONAL AUTO FLEET GROUP	WF6521	035-01239	2023 FORD EXPLORER VIN #1FM5K8A(	54,072.04
			WF6552	035-01237	2023 FORD EXPLORER VIN #1FM5K8A(	54,072.04
			WF6644	035-01238	2023 FORD EXPLORER VIN #1FM5K8A(	54,072.04
			WF6674	035-01236	2023 FORD EXPLORER VIN #1FM5K8A(	54,072.04
			WF6762	035-01235	2023 FORD EXPLORER VIN #1FM5K8A(	54,072.04
					Total :	**270,360.20**
172039	6/13/2023	110575 OCCUPATIONAL HEALTH CENTERS, OF CALIF	79186261		PRE-EMPLOYMENT PHYSICALS	804.00
			79189552		RANDOM TESTS	124.00
			79254646		PRE-EMPLOYMENT PHYSICALS	2,310.00
			79330092		RANDOM TESTS	1,360.00
					Total :	**4,598.00**
172040	6/13/2023	115168 OFFICE DEPOT	304527784		PD OFFICE SUPPLIES	49.05
			304821875		PD OFFICE SUPPLIES	14.64

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Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
172040	6/13/2023	115168 OFFICE DEPOT	(Continued)			
			309129470		PD OFFICE SUPPLIES	1,000.03
			309546682		PD OFFICE SUPPLIES	128.95
			310398759		REC OFFICE SUPPLIES	46.16
			310424355		REC OFFICE SUPPLIES	15.42
			311470124		PD OFFICE SUPPLIES	17.72
			311561283		BUS OFFICE SUPPLIES	124.66
			311818570		PD OFFICE SUPPLIES	148.83
			311818570-002		PD OFFICE SUPPLIES	148.83
			312011392		PD OFFICE SUPPLIES	63.15
			312114250		PD OFFICE SUPPLIES	47.03
			312431861		PD OFFICE SUPPLIES	47.40
			312439616		PD OFFICE SUPPLIES	13.42
			312582115		BUS OFFICE SUPPLIES	62.60
			312582764		BUS OFFICE SUPPLIES	14.58
			312951239		HR OFFICE SUPPLIES	96.60
			312955273		HR OFFICE SUPPLIES	8.00
			313076720		FCC OFFICE SUPPLIES	123.56
			313108588		FCC OFFICE SUPPLIES	11.57
			313134486		BUS OFFICE SUPPLIES	98.38
			313316174		CM OFFICE SUPPLIES	61.80
			313397354		PD OFFICE SUPPLIES	149.02
			313549366		FINANCE OFFICE SUPPLIES	111.51
			314509598		CD OFFICE SUPPLIES	67.22
			314609132		PD OFFICE SUPPLIES	339.33
			315811539		PD OFFICE SUPPLIES	94.95
			315817482		PD OFFICE SUPPLIES	89.20
					Total :	**3,193.61**
172041	6/13/2023	111358 O'REILLY AUTO PARTS	329412		GTRANS AUTO PARTS	37.82
			331124		GTRANS AUTO PARTS	66.14
			332773		GTRANS AUTO PARTS	307.25
					Total :	**411.21**
172042	6/13/2023	115810 ORKIN PEST CONTROL	243633374		PEST CONTROL - ACCT #27336703	283.99
					Total :	**283.99**

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172043	6/13/2023	103673 PACIFIC PRODUCTS & SERVICE, LLC	31998		SIGNS/SIGNALS SUPPLIES	439.43
					Total :	**439.43**
172044	6/13/2023	112529 PARRA, ENRIQUE	64376367540		REFUND - CREDIT CARD PROCESSOR	2.75
					Total :	**2.75**
172045	6/13/2023	112531 PENEZA, MARYANN	PERMIT #50021-0880		PERMIT DEPOSIT REFUND - 2713 W 14	5,000.00
					Total :	**5,000.00**
172046	6/13/2023	108600 PHOENIX GROUP INFORMATION, SYSTEMS	042023211	035-01175	PARKING CONTRACT SERVICES - APR	9,548.43
					Total :	**9,548.43**
172047	6/13/2023	105574 PINNACLE PETROLEUM, INC.	0307982	037-10173	87 OCTANE REGULAR UNLEADED CAR	33,531.13
					Total :	**33,531.13**
172048	6/13/2023	105574 PINNACLE PETROLEUM, INC.	0307983	037-10173	87 OCTANE REGULAR UNLEADED CAR	33,477.76
					Total :	**33,477.76**
172049	6/13/2023	101958 PROFORCE LAW ENFORCEMENT	517758		PD TACTICAL EQUIPMENT	1,783.47
					Total :	**1,783.47**
172050	6/13/2023	106092 PRUDENTIAL OVERALL SUPPLY	42832626		UNIFORM & SUPPLY RENTAL	905.50
			42833032		UNIFORM & SUPPLY RENTAL	139.19
			42833033		UNIFORM & SUPPLY RENTAL	41.46
			42833034		SUPPLY RENTAL - MATS - GTRANS	50.10
			42833035		SUPPLY RENTAL - MATS - NCC	13.65
			42833036		SUPPLY RENTAL - MATS - CH	19.00
			42833037		SUPPLY RENTAL - MATS - PD	99.00
			42833038		SUPPLY RENTAL - MATS - HS	11.60
			42834817		UNIFORM & SUPPLY RENTAL	340.01
			42835077		UNIFORM & SUPPLY RENTAL	136.01
			42835078		UNIFORM & SUPPLY RENTAL	41.46
			42835079		SUPPLY RENTAL - MATS - GTRANS	50.10
			42836281		UNIFORM & SUPPLY RENTAL	334.06
			42836838	034-00578	CUSTODIAL SUPPLIES	2,025.01
			42836839		UNIFORM & SUPPLY RENTAL	134.11
			42836840		UNIFORM & SUPPLY RENTAL	41.46
			42836841		SUPPLY RENTAL - MATS - GTRANS	50.10

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Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
172050	6/13/2023	106092 PRUDENTIAL OVERALL SUPPLY	(Continued)			
			42836842		SUPPLY RENTAL - MATS - NCC	13.65
			42836843		SUPPLY RENTAL - MATS - CH	19.00
			42836844		SUPPLY RENTAL - MATS - PD	91.60
			42836845		SUPPLY RENTAL - MATS - HS	11.60
					Total :	**4,567.67**
172051	6/13/2023	112508 PUMPMAN LLC	1752	024-00937	PUMP SYSTEM BI-ANNUAL MAINTENAI	5,065.00
					Total :	**5,065.00**
172052	6/13/2023	108623 PUN GROUP LLP, THE	113681	023-01413	AUDIT SERVICES FOR FY 2022-2023	13,514.00
			113842	023-01413	AUDIT SERVICES FOR FY 2022-2023	10,612.00
			113910	023-01413	AUDIT SERVICES DURING FY 2022-202	20,000.00
					Total :	**44,126.00**
172053	6/13/2023	104868 PYRO-COMM SYSTEMS, INC.	34024	037-10204	CELLULAR COMMUNICATOR FOR FIRE	1,833.66
					Total :	**1,833.66**
172054	6/13/2023	117603 QUALITY MEDICAL SERVICE	24174		BUS FIRST AID SUPPLIES	555.60
					Total :	**555.60**
172055	6/13/2023	103907 QUINN COMPANY	PC810973705	024-00942	PW AUTO PARTS	2,837.11
					Total :	**2,837.11**
172056	6/13/2023	111574 RACE COMMUNICATIONS	RC912317	023-01405	FIBER INTERNET SERVICES - JUNE 20	5,648.62
					Total :	**5,648.62**
172057	6/13/2023	100147 RCI IMAGE SYSTEMS	77287		MICROFICHE SCANNING - 1922 W ROS	77.18
			77288		MICROFICHE SCANNING - 16500 WEST	110.25
					Total :	**187.43**
172058	6/13/2023	717819 REDDY, KIMBERLY R.	JAN-APR 2023		MSW FIELD SUPERVISION	2,700.00
					Total :	**2,700.00**
172059	6/13/2023	107953 RENTERIA, ADRIANNA	06/08-06/13		ALL-AMERICA CITY COMPETITION	200.00
					Total :	**200.00**
172060	6/13/2023	109619 RENTINO, JOBEL	032	037-10054	PROCUREMENT CONSULTING SERVIC	1,092.50

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Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
172060	6/13/2023	109619 109619 RENTINO, JOBEL	(Continued)		**Total :**	**1,092.50**
172061	6/13/2023	100836 RESOURCE BUILDING MATERIALS	3585699		STREET MAINT SUPPLIES	231.39
			3590051		STREET MAINT SUPPLIES	25.96
			3596480		STREET MAINT SUPPLIES	157.54
			3596511		STREET MAINT SUPPLIES	151.66
					Total :	**566.55**
172062	6/13/2023	108739 REVENUE & COST SPECIALISTS, LLC	9133	023-01416	DEVELOPMEMT IMPACT FEE STUDY B	7,095.00
					Total :	**7,095.00**
172063	6/13/2023	118476 RICOH USA, INC.	1097237010		RICOH MPC3300SPF COPIER BASE LE	23.41
			9031780574		RICOH PRO8100SE COPER LEASE - PD	459.79
			9031780576		RICOH MPC3503 COPIER LEASE - CD~	236.10
			9031780577		RICOH MPC3503 COPIER LEASE - CM~	246.46
			9031780582		RICOH PRO8100S COPIER BASE LEAS	738.33
			9031780583		RICOH MPC3503 COPIER LEASE - CLE	175.70
			9031791313		RICOH MPC3503 COPIER LEASE - ADM	211.57
			9031791392		RICOH MPC3503 COPIER LEASE - SR.	204.62
			9031791409		RICOH MPC3503 COPIER LEASE - REC	187.53
			9031791422		RICOH MPC3503 COPIER LEASE - HS~	153.85
			9031791508		RICOH MPC6003 COPIER LEASE - PD S	259.91
			9031791595		RICOH MPC3503 COPIER LEASE - PW~	165.00
			9031791805		RICOH MPC3503 COPIER LEASE - CHIE	157.41
					Total :	**3,219.68**
172064	6/13/2023	112433 RIGHTWAY HEALTHCARE, INC	INV13237	023-01442	HEALTHCARE NAVIGATION SERVICES	1,823.25
					Total :	**1,823.25**
172065	6/13/2023	106263 RISK MANAGEMENT PROFESSIONALS, INC.	230187	024-00882	LOCAL HAZARD MITIGATION PLAN UPD	1,745.00
					Total :	**1,745.00**
172066	6/13/2023	100585 RKA CONSULTING GROUP	33506		ENGINEERING & SURVEYING SERVICE	350.00
			33507		ENGINEERING & SURVEYING SERVICE	420.00
					Total :	**770.00**
172067	6/13/2023	110918 RONIN MEDIA HOUSE, INC	RMH23-033		CONSULTING SERVICES	1,750.00

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Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
172067	6/13/2023	110918 110918 RONIN MEDIA HOUSE, INC	(Continued)		**Total :**	**1,750.00**
172068	6/13/2023	119126 S.B.R.P.C.A.	04332	023-01388	4TH QUARTER ASSESSMENT SUPPLEI	34,436.21
					Total :	**34,436.21**
172069	6/13/2023	119126 S.B.R.P.C.A.	04309		PD AUTO PARTS	578.81
			04310		PD AUTO PARTS	1,507.42
			04311		PD AUTO PARTS	1,243.55
			04312		PD AUTO PARTS	1,243.55
			04313		PD AUTO PARTS	1,676.38
			04314		PD AUTO PARTS	191.17
					Total :	**6,440.88**
172070	6/13/2023	119022 SAFE MART OF SOUTHERN, CALIFORNIA, INC	000024		PW MAINT SUPPLIES	73.21
			94536		BLDG MAINT SUPPLIES	400.21
			94541		BLDG MAINT SUPPLIES	1,988.91
					Total :	**2,462.33**
172071	6/13/2023	112236 SAFELITE FULFILLMENT INC	05913-782631		2021 FORD EXPLR #1698916 WINDSHIE	85.00
					Total :	**85.00**
172072	6/13/2023	219364 SAFFELL, MICHAEL	052523		MGMT ANNUAL HEALTH BENEFIT	719.00
					Total :	**719.00**
172073	6/13/2023	112327 SAMI'S REFEREES LLC	05/16-05/31/23		REFEREE SERVICES	350.00
					Total :	**350.00**
172074	6/13/2023	119016 SAM'S CLUB	0220 5/24/23		FCC PROGRAM SUPPLIES	47.66
			0506		PARK MAINT SUPPLIES	133.07
					Total :	**180.73**
172075	6/13/2023	105934 SANTIN, STEPHANY	06/08-06/13		ALL-AMERICA CITY AWARD COMPETIT	300.00
					Total :	**300.00**
172076	6/13/2023	109609 SEA COAST DESIGN GROUP	25323		BUS OFFICE TOOLS & SUPPLIES	1,039.56
					Total :	**1,039.56**
172077	6/13/2023	108654 SECTRAN SECURITY INC.	22120781		ARMORED TRANSPORTATION SERVICI	831.68

Bank code : usb

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
172077	6/13/2023	108654 SECTRAN SECURITY INC.	(Continued)			
			22122214		ARMORED TRANSPORTATION SERVICI	1,699.28
					Total :	**2,530.96**
172078	6/13/2023	110731 SHAW HR CONSULTING, INC	008109		PROFESSIONAL SERVICES	437.50
					Total :	**437.50**
172079	6/13/2023	119233 SHERWIN-WILLIAMS CO.	3407-3		SIGNS/SIGNALS SUPPLIES	72.58
					Total :	**72.58**
172080	6/13/2023	109918 SHIGE'S FOREIGN CAR SERVICE, INC.	8094385		2017 FORD INTRCPTR #1368929 SERVI	367.63
			8094419		2021 FORD INTRCPTR #1614730 SERVI	576.42
			8094508		2012 CHEVY TAHOE #1415462 SERVICE	1,396.19
			8094516		2017 FORD INTRCPTR #1368929 SERVI	1,186.38
			8094522		2020 FORD INTRCPTR #1591903 SERVI	183.01
			8094547		2018 FORD INTRCPTR #1554678 SERVI	1,370.80
			8094581		2018 FORD INTRCPTR #1554880 SERVI	1,253.05
			8094655		2018 FORD INTRCPTR #1554675 SERVI	654.72
			8094656		2016 FORD INTRCPTR #1488059 BRAKI	847.86
			8094721		2018 FORD INTRCPTR #1554676 SERVI	1,023.88
			8094722		2022 FORD INTRCPTR #1630468 SERVI	109.85
			8094724		2014 FORD F-350 #1403730 SERVICE &	307.54
			8094773		2015 CHEVY TAHOE #7HED092 SERVIC	442.42
			8094784		2021 FORD INTRCPTR CABIN FILTER R	44.49
			8094786		2021 FORD INTRCPTR #1614730 CABIN	44.49
			8094801		2022 FORD INTRCPTR #1630465 SERVI	174.41
			8094802		2017 FORD INTRCPTR #1488142 SERVI	516.15
			8094826		2007 CHEVY TAHOE #5TGA952 SERVIC	223.91
					Total :	**10,723.20**
172081	6/13/2023	119378 SMARDAN SUPPLY CO.	S3964109		BLDG MAINT SUPPLIES	153.28
			S3964368		BLDG MAINT SUPPLIES	756.95
			S3966484		BLDG MAINT SUPPLIES	177.41
					Total :	**1,087.64**
172082	6/13/2023	112510 SO CAL MOBILE MAINTENANCE, INC	20991		CNG INSPECTION	668.20
					Total :	**668.20**

Bank code : usb

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
172083	6/13/2023	119447 SOUTH BAY FORD	514945	024-00943	2017 FORD F350 EMERGENCY REPAIR	2,898.04
					Total :	**2,898.04**
172084	6/13/2023	119447 SOUTH BAY FORD	437595		PW AUTO PARTS	673.84
			516300		2021 FORD EXPLR SERVICE & REPAIR	137.38
					Total :	**811.22**
172085	6/13/2023	119375 SOUTH COAST AIR QUALITY, MANAGEMENT D	4165175		CA AIR TOXICS "HOT SPOTS" PROGRA	153.23
					Total :	**153.23**
172086	6/13/2023	619003 SOUTHERN CALIFORNIA EDISON	053023		LIGHT & POWER	61,437.36
					Total :	**61,437.36**
172087	6/13/2023	103202 SOUTHERN COUNTIES LUBRICANTS, LLC	184142		BUS AUTOMOTIVE FLUIDS	1,798.35
					Total :	**1,798.35**
172088	6/13/2023	108238 SPARKLETTS	15638236 051923		DRINKING WATER FILTRATION SYSTEM	43.00
					Total :	**43.00**
172089	6/13/2023	104126 SPECTRUM	0027122051123		CABLE & BACKUP INTERNET SERVICE	4,138.55
			0851122051223		CABLE SERVICES - PD	83.54
					Total :	**4,222.09**
172090	6/13/2023	109892 STANTEC CONSULTING SERVICES	2081217	037-10002	GTRANS DISPATCH AREA MODIFICATI	654.50
					Total :	**654.50**
172091	6/13/2023	119010 STAPLES ADVANTAGE	3537820544		PW OFFICE SUPPLIES	176.39
					Total :	**176.39**
172092	6/13/2023	104106 SWARCO MCCAIN, INC.	INV0273000		SIGNS/SIGNALS SUPPLIES	1,087.07
					Total :	**1,087.07**
172093	6/13/2023	219620 SWEENEY, NIKKI	06/08-06/13		ALL-AMERICA CITY COMPETITION	200.00
					Total :	**200.00**
172094	6/13/2023	112505 T Y LIN INTERNATIONAL	102304236	037-10235	SOMPIS PROJECT MANAGEMENT	1,756.95
			102304238	037-10236	GRID PROJECT MANAGEMENT	1,756.95
			102305384	037-10236	GRID PROJECT MANAGEMENT	1,756.95

Bank code : usb

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
172094	6/13/2023	112505 T Y LIN INTERNATIONAL	(Continued)			
			102306033	037-10235	SOMPIS PROJECT MANAGEMENT	1,952.17
					Total :	**7,223.02**
172095	6/13/2023	100609 TANK SPECIALISTS OF CALIFORNIA	32677	024-00896	UNDERGROUND STORAGE TANK UPGI	15,631.00
					Total :	**15,631.00**
172096	6/13/2023	107928 TELECOM LAW FIRM, P.C.	15201		PROFESSIONAL SERVICES - EFR #1-23	1,079.52
					Total :	**1,079.52**
172097	6/13/2023	110238 TIREHUB, LLC	33704875	024-00949	TIRES - GY MARATHON RSD 146L	2,917.15
			34356027		TIRES - GY WRL WORKHORSE HT BW	490.56
					Total :	**3,407.71**
172098	6/13/2023	109775 TOMS TRUCK CENTER NORTH COUNTY	1304353	037-10177	GTRANS AUTO PARTS	18.08
			1304605	037-10177	GTRANS AUTO PARTS	247.16
			CM1287382		GTRANS AUTO PARTS	-77.35
					Total :	**187.89**
172099	6/13/2023	112507 TONY PAINTING	6206	034-00579	ROWLEY PARK IMPROVEMENT PROJE	21,650.00
					Total :	**21,650.00**
172100	6/13/2023	111990 TOWNSEND PUBLIC AFFAIRS, INC	20016	023-01447	CONSULTING SERVICES - JUNE 2023	7,000.00
					Total :	**7,000.00**
172101	6/13/2023	104806 TOYOTA LIFT OF L.A.	PSI-0355891		SERVICE CALL - TOYOTA #8FGCU25 OI	217.77
					Total :	**217.77**
172102	6/13/2023	105959 TRANSITTALENT.COM, LLC	1782305		RECRUITMENT AD - TRANSIT MECHAN	175.00
			1912305		LEGAL NOTICE - IFB 2022-05 FOR UNLI	125.00
					Total :	**300.00**
172103	6/13/2023	111481 TRIO COMMUNITY MEALS, LLC	INV2230028918	034-00544	SENIOR FEEDING PROGRAM	6,380.26
			INV2230028951	034-00544	SENIOR FEEDING PROGRAM	5,306.30
					Total :	**11,686.56**
172104	6/13/2023	120854 TURF STAR INC.	7278160		PW AUTO PARTS	182.73
			7280645		PW AUTO PARTS	143.12

Bank code : usb

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
172104	6/13/2023	120854 120854 TURF STAR INC.	(Continued)		**Total :**	**325.85**
172105	6/13/2023	109900 U.S. BANK CORPORATE PAYMENT, SYSTEMS	BEEMAN 05/22/23		CAL CARD STATEMENT 04/25-05/22/23	369.67
			C.OSORIO 01/23/23		CAL CARD STATEMENT 12/23-01/23/23	237.94
			C.OSORIO 12/22/22		CAL CARD STATEMENT 11/23-12/22/22	1,339.05
			CRESPO 05/22/23		CAL CARD STATEMENT 04/25-05/22/23	1,360.81
			FCC 05/22/23		CAL CARD STATEMENT 04/25-05/22/23	3,509.81
			FINANCE 05/22/23		CAL CARD STATEMENT 04/25-05/22/23	4,206.07
			HR 05/22/23		CAL CARD STATEMENT 04/25-05/22/23	2,577.46
			KWAK 05/22/23		CAL CARD STATEMENT 04/25-05/22/23	229.00
			LEWIS 05/22/23		CAL CARD STATEMENT 04/25-05/22/23	1,573.51
			MACIEL 04/24/23		CAL CARD STATEMENT 03/23-04/24/23	3,050.87
			PYNN 05/22/23		CAL CARD STATEMENT 04/25-05/22/23	77.18
			RIGG 05/22/23		CAL CARD STATEMENT 04/25-05/22/23	204.40
			SAFFELL 04/24/23		CAL CARD STATEMENT 03/23-04/24/23	186.40
			TSUJIUCHI 05/22/23		CAL CARD STATEMENT 04/25-05/22/23	1,916.14
			V.OSORIO 04/24/23		CAL CARD STATEMENT 03/23-04/24/23	1,605.25
					Total :	**22,443.56**
172106	6/13/2023	109220 U.S. BANK EQUIPMENT FINANCE	502533342		RICOH MPC4503 COPIER LEASE - CD	151.70
					Total :	**151.70**
172107	6/13/2023	104692 ULINE	163599335		BUS SHOP SUPPLIES	102.02
			164212315		REC PROGRAM SUPPLIES	778.63
					Total :	**880.65**
172108	6/13/2023	121010 UNITED RENTALS	219630300		RENTAL - CONCRETE SAW & BLADE	626.65
					Total :	**626.65**
172109	6/13/2023	122050 VERIZON WIRELESS	9935174034		BUS CELL PHONE SERVICE	121.08
			9935332505		REC CELL PHONE SERVICE	1,278.54
					Total :	**1,399.62**
172110	6/13/2023	122435 VISTA PAINT CORPORATION	2023-999392-00		GTRANS FACILITY PAINT	90.21
					Total :	**90.21**
172111	6/13/2023	111719 WALLACE & ASSOCIATES, CONSULTING, INC	17104	037-10212	DISPATCH REMODELING PROJECT, JN	1,860.00

Bank code : usb

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
172111	6/13/2023	111719 111719 WALLACE & ASSOCIATES, CONSULTING, (Continued)			**Total :**	**1,860.00**
172112	6/13/2023	108353 WALTERS WHOLESALE ELECTRIC CO	S122528494	024-00941	SIGNS/SIGNALS SUPPLIES	22,491.00
			S122996624		BLDG MAINT SUPPLIES	668.56
			S123192475		BLDG MAINT SUPPLIES	61.74
					Total :	**23,221.30**
172113	6/13/2023	101903 WATER TECHNIQUES	3957		DRINKING WATER SYSTEM RENTAL	45.00
					Total :	**45.00**
172114	6/13/2023	100107 WAYNE ELECTRIC CO.	209970		GTRANS AUTO PARTS	469.71
					Total :	**469.71**
172115	6/13/2023	110315 WELDIN, CHRISTINA	06/08-06/13		ALL-AMERICA CITY COMPETITION	200.00
					Total :	**200.00**
172116	6/13/2023	110370 WESTERN COLLISION CENTER, INC	1102		2016 FORD EXPLR #1488057 SWAP HO	100.00
			1103		2011 FORD CROWN VICTORIA #137657	1,700.33
			1106		2022 FORD INTRCPTR #1630457 BODY	1,774.30
			1108		2018 FORD EXPLR #1554674 WINDSHIE	500.00
			1109		2019 FORD EXPLR #1576878 BODY REI	795.00
			1112		2022 FORD INTRCPTR #1627788 BODY	686.73
					Total :	**5,556.36**
172117	6/13/2023	119387 WEX BANK	89738119		FUEL PURCHASES	275.35
					Total :	**275.35**
172118	6/13/2023	123050 WILLIAMS SCOTSMAN, INC.	9017788792	035-01178	MODULAR BUILDING RENTAL CPX-804	2,766.10
					Total :	**2,766.10**
172119	6/13/2023	125001 YAMADA COMPANY, INC.	83070		STREET MAINT SUPPLIES	74.41
			83081		PARK MAINT SUPPLIES	76.12
			83084		PARK MAINT SUPPLIES	191.99
			83108		PARK MAINT SUPPLIES	150.56
					Total :	**493.08**
172120	6/13/2023	110554 ZENDESK, INC.	INV09764752	023-01448	SUPPORT PROFESSIONAL SUBSCRIPT	6,132.00

Bank code : usb

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
172120	6/13/2023	110554 110554 ZENDESK, INC.	(Continued)		**Total :**	**6,132.00**
172121	6/13/2023	126122 ZEP SALES & SERVICE	9008378045		BUS SHOP SUPPLIES	148.23
			9008400602		BUS SHOP SUPPLIES	1,409.48
					Total :	**1,557.71**
221	**Vouchers for bank code :**	usb			**Bank total :**	**3,409,135.65**
221	**Vouchers in this report**				**Total vouchers :**	**3,409,135.65**

Bank code : usb

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount

CLAIMS VOUCHER APPROVAL

I hereby certify that the demands or claims covered by the checks listed on pages 1 to 26 inclusive of the check register are accurate and funds are available for payment thereof.

By: _____

Director of Administrative Services

This is to certify that the claims or demands covered by checks listed on pages 1 to 26 inclusive of the check register have been audited by the City Council of the City of Gardena and that all of the said checks are approved for payment except check numbers:

_____

_____ 06/13/2023
Mayor Date

_____ _____
Councilmember Date

_____ _____
Councilmember Date

Acknowledged:

_____ _____
Councilmember Date

_____ _____
Councilmember Date

CITY of GARDENA

Report No. P-2023-9

TO: THE HONORABLE MAYOR AND CITY COUNCIL

SUBJECT: PERSONNEL REPORT

1. Request City Council approval to revise the City's Classification and Compensation Plan to add the new classification of Office Specialist to Schedule 30 ($3,369 - $4,300/month). This position may be located within multiple City departments. Job Description attached. *Attachment 1*

2. Request City Council approval to revise the City's Classification and Compensation Plan to add the new classification of Associate Planner to Schedule 58 ($6,725 - $8,583/month). This position will be located in the Community Development Department. Job Description attached. *Attachment 2*

3. Request City Council approval to revise the City's Classification and Compensation Plan to add the new classification of Recreation and Human Services Manager to Schedule 126 ($8,438 - $10,769/month), remove Recreation Services Manager (Schedule 119) as well as Recreation & Human Services Superintendent (Schedule 126). This position will be located in the Recreation and Human Services Department. Job Description attached. *Attachment 3*

4. Report the Appointment of the following individuals:
    a. ***ALEXANDER FIGUEROA***, to the position of Park Maintenance Worker I, Schedule 34 ($3,718 - $4,745/month) with the Public Works Department, effective May 15, 2023.
    b. ***JESUS OROZCO***, to the position of Senior Account Clerk, Schedule 38 ($4,104 - $5,237/month) with the Administrative Services Department, effective May 17, 2023.
5. Report the Promotional Appointment of ***YU RI NA KIM*** to the position of Payroll Specialist, Schedule 52 ($5,799 - $7,401/month), with the Administrative Services Department, effective May 14, 2023.
6. Report the Service Retirement of ***PAULINE MOSES***, Community Center Coordinator of the Recreation and Human Services Department, effective May 19, 2023. Ms. Moses provided the City 29.4 years of Full-Time service.
7. Report the Separation of the following individuals:
    a. ***NYCOLE PEREZ***, Police Records Technician I, with the Police Department, effective May 21, 2023. Ms. Perez provided 1.4 years of service to the City.
    b. ***DUSTIN SAN JOSE,*** Equipment Mechanic, with the Public Works Department, effective June 2, 2023. Mr. San Jose provided 5.0 years of service to the City.
8. Report the leave under the Family Medical Leave Act/California Family Rights Act (FMLA/CFRA) of Family Child Care Program Assistant II, ***ELFEGA RODRIGUEZ***, of the Recreation and Human Services Department, effective May 23, 2023.

9. Report the Recruitment for the Closed/Promotional position of Police Lieutenant (Police Department). This recruitment is scheduled to close June 14, 2023.

10. Report the Recruitment for the Closed/Competitive position of Community Center Coordinator (Recreation and Human Services Department). This recruitment is scheduled to close June 21, 2023.

11. Report the Recruitment for the Closed/Competitive position of Meal Services Coordinator (Recreation and Human Services Department). This recruitment is scheduled to close June 21, 2023

12. Report the Recruitment for the Open/Competitive position of Certified Nursing Assistant (Recreation and Human Services Department). This recruitment is scheduled to close June 22, 2023.

13. Report the Recruitment for the Open/Competitive position of Administrative Aide (Police Department). This recruitment closed June 7, 2023.

14. Report the Recruitment for the Open/Competitive position of Code Enforcement Supervisor (Community Development Department). This recruitment is open until filled.

15. Report the Recruitment for the Open/Competitive position of Customer Service Clerk I (Elected and City Manager's Office). This recruitment is scheduled to close June 8, 2023.

16. Report the Recruitment for the Open/Competitive position of Geriatric Aide (Recreation & Human Services Department). This recruitment is open until filled.

17. Report the Recruitment for the Open/Competitive position of Human Services Aide (Recreation and Human Services Department). This recruitment is scheduled to close June 15, 2023.

18. Report the Recruitment for the Open/Competitive position of Park Maintenance Worker I (Public Works Department). This is scheduled to close June 15, 2023.

19. Report the Recruitment for the Open/Competitive position of Police Officer/Lateral (Police Department). This is a continuous recruitment.

20. Report the Recruitment for the Open/Competitive position of Police Trainee (Police Department). This is a continuous recruitment.

21. Report the Recruitment for the Open/Competitive position of Recreation Leader I/II (Recreation & Human Services Department). This is a continuous recruitment.

22. Report the Recruitment for the Open/Competitive position of Relief Bus Operator Trainee (Transportation Department). This is a continuous recruitment.

23. Report the Recruitment for the Open/Competitive position of Transit Mechanic (Transportation Department). This recruitment is open until filled.

CITY OF GARDENA
Gardena, California

CLASS SPECIFICATION
June 2023

OFFICE SPECIALIST

Job Summary

Under supervision, performs routine clerical duties in support of assigned functions; under supervision, performs varied office and clerical duties; and performs other related duties as required.

REPRESENTATIVE DUTIES

The following functions are typical for this classification. Incumbents may not perform all of the listed functions and/or may be required to perform additional or different functions from those set forth below to address business needs and changing business practices.

Depending upon area of assignment, responsibilities and duties may include, but are not limited to the following:

- Provide exemplary customer service to all individuals by demonstrating a willingness to be attentive, understanding, responsive, fair, courteous and respectful, and to actively participate in maintaining a positive customer service environment.
- Provide assistance to the public including providing information and forms; collect and process appropriate fees and information; make and distribute copies as necessary.
- Type forms, schedules, reports, lists, general correspondence, manuscripts, charts, graphs, contracts and statistics.
- Type, file, record, compute and maintain confidential and privileged information.
- Utilize modern office equipment, media, and computer applications specific to the assigned unit in order to input, maintain, retrieve, transfer, and communicate confidential and privileged information.
- Compose routine correspondence. Proofread materials for clerical accuracy and spelling.
- Copy, collate, staple and otherwise bind a variety of materials.
- File materials into and retrieve materials from established filing systems and develop standard office filing systems for record storage and retrieval.
- Researches, prepares, and disseminates necessary reports, publicity, and statistical data as required.
- Maintain records of the unit concerning purchases, budget accounts and inventory, requisition office supplies.
- Maintain records of staff attendance and absences; compile and submit periodic reports for payroll purposes.

- Receive, open, date stamp and distribute incoming mail and processes outgoing mail.
- Maintain and post data to logs, lists, ledgers, follow-up files and other records of the unit; check and compare records and documents for accuracy.
- Maintain calendars and schedules of appointments, meetings, room use, equipment use and events.
- Make routine mathematical calculations.
- Provides work direction to staff and volunteers including instructing, assigning, planning, and reviewing work and on-the-job training assistance.
- May act as a receptionist to the public, take and respond to a high volume of phone calls, screen inquiries, take messages, schedule appointments and answer questions requiring an understanding of policies and procedures of the work unit.
- Participate in a variety of special projects as assigned.
- Perform related duties and responsibilities as required.

QUALIFICATIONS GUIDE

Education and Experience

Graduation from high school or business school and a minimum of two years of general clerical experience requiring frequent public contact is desired.

Knowledge and Abilities

Knowledge of: Modern office practices and procedures; learn to correctly interpret and apply City policies and procedures; correct English usage, spelling, grammar, and punctuation; modern filing and indexing methods; personal computer hardware and software, including word processing, spreadsheet, and database programs; basic math; basic record keeping methods.

Ability to: Perform routine typing, secretarial, receptionist, and clerical work or office coordination functions requiring some independent decision making; carry out assignments with supervision; meet the public tactfully and courteously, and answer questions in person and over the phone; monitor radio as required; establish and maintain effective working relationships with others; learn to operate a word processor and do data entry work; learn the organization, functions, and purposes of department where assigned; understand written and oral instructions.

Physical Demands and Working Conditions

Environmental Conditions: Due to the nature of work assignments, the incumbent typically works in an office environment. However, some assignments may require the incumbent to visit outdoor or indoor field work sites to accomplish tasks.

Physical Conditions: Due to the nature of work assignments, the incumbent must have the ability to speak clearly; hear conversation in person, over the telephone, and on tape recordings; vision to read written and typed materials; have manual dexterity to operate a variety of office equipment and a computer keyboard; and lift and carry items weighing up to 20 pounds. Some positions may require the physical ability to set up rooms for meetings and/or training classes.

License

License/Certification Required: Some work assignments may require possession of a valid California Class C driver's license.

CITY OF GARDENA
Gardena, California

CLASS SPECIFICATION
June 2023

ASSOCIATE PLANNER

Job Summary

Description

Under direct supervision, performs and oversees complex planning work; serves as a subject matter expert in strategic planning activities; collaborates and/or supervises staff on projects and assignments within other functional units within the Community Development Department (CDD) such as Building and Safety, Business Licenses and Code Enforcement; and performs related duties as assigned.

This is a journey level professional classification that performs the full range of complex analytical tasks, conducts analysis, research and provides recommendations on planning and development projects, and provides general and specific information related to planning and zoning. This position requires excellent management and leadership abilities, superior communication skills, strong background in systems improvements, and demonstrated expertise in a broad range of development review strategic planning activities.

Representative Duties

Duties may include, but are not limited to, the following:

- Provides guidance and direction on review and analysis of planning applications, zoning and land use matters, environmental issues, revisions to ordinances, and preparation of modifications to the General Plan, and Specific Plans;
- Prepares comprehensive reports. Attends offsite meetings. Makes presentations to various groups, commissions, and/or City Council;
- May be charged with exercising supervisory responsibilities over other positions in the Planning Division;
- Manages and coordinates complex planning projects related to development or long-range planning policies;
- Coordinates the preparation of staff reports for items requiring Planning Commission or City Council review;
- Make presentations to the Planning Commission and City Council.
- Coordinates public outreach efforts to community groups and other stakeholders in the planning process, as assigned;
- Assists with the coordination of land use matters with other City departments and divisions;
- Works collaboratively with other units within the CDD such as Building and Safety, Business Licenses and Code Enforcement to ensure operational synergy;
- Performs other related duties, as assigned.

QUALIFICATIONS GUIDE

Education and Experience

Graduation from an accredited college or university with a bachelor's degree in urban planning, geography, landscape architecture, or a closely related field **AND** a minimum of three (3) years of progressively responsible professional planning experience in municipal planning. A master's degree is highly desirable.

Knowledge and Abilities

Knowledge of:

- The provisions, scope, and purpose of State planning laws, applicable building, housing, land use, and code enforcement laws, and related municipal ordinances; California Environmental Quality Act; California Subdivision Map Act; and principles and practices of municipal planning and strategic planning;
- General principles of building and safety, business licenses and code enforcement.
- Research techniques;
- Effective customer service techniques.

Ability to:

- Interpret laws and ordinances, apply them to specific cases;
- Conduct research, analyze data, and make recommendations independently;
- Communicate effectively both orally and in writing;
- Prepare and present clear and concise oral and written reports and recommendations;
- Interpret and apply policies and regulations;
- Provide effective customer service;
- Establish and maintain effective and cooperative working relationships with City employees, the public, and City Boards and Commissions.

Skills:

- Project management;
- Using personal computers and applicable software applications;
- Working knowledge of CADs, Arc View, and other standard graphic software is highly desirable.

Physical Demands and Working Conditions

Work is performed primarily in an office setting. Office work requires sitting at a desk to make telephone calls, complete documentation and prepare computer generated reports. Work may be performed in field settings with exposure to variable weather conditions, with frequent inspections at outdoor work sites. Weekend and evening work may be required. Physical demands include standing, bending, stooping, crawling, lifting, climbing ladders and flights of stairs. Exposure to dust, dirt, outdoor noise, vibrations and other outdoor elements may be encountered.

License and Certifications

License: Must have and maintain a valid Class C California Driver's License

Special Condition

Conflict of Interest Statement.

RECREATION AND HUMAN SERVICES MANAGER

Job Summary

Under direction of the Director of Recreation and Human Services, plans, directs, implements and manages a wide variety of citywide programs and services offered to the community through the Recreation and Human Services Department.

Representative Duties

- Manages the supervisory functions of the Recreation and Human Services Department including personnel management and training, program development and evaluation, purchasing and budget coordination.
- Assists with minor capital improvement projects; manages the planning, design, construction and procurement activities in conjunction with other City Departments; facilitate public outreach related to capital projects.
- Supervises staff engaged in the provision of leisure service activities and programs; performs regular tours of facilities and programs to review work performance.
- Assists supervisory staff in managing personnel issues, supplies, community relations, and interpretation of department policies and procedures.
- Selects, trains, and evaluates the work performance of subordinate staff.
- Researches, recommends, and implements new programs and services within the Recreation and Human Services Department, in addition to providing oversight to supervisory teams within area of responsibility.
- Maintains positive working relationships with City departments, and the community.
- Works to develop goals, policies, and priorities within the department divisions.
- Develops, negotiates and administers contracts with outside consultants.
- Prepares and presents written reports for review on an as-needed basis.
- Monitors expenditures within areas of responsibility within the Department.
- Represents the City in the community and at professional meetings as required.
- Responds to and works to resolve issues regarding public questions and concerns.
- Provides staff support to citizen advisory bodies appointed by the City Council (e.g. Recreation Commission, Human Services Commission, Youth Commission, Senior Citizen's Commission, and other committees)
- Perform related duties as assigned.

Organizational Responsibilities

This position reports directly to the Department Head, or their designee and is responsible for specialized, complex duties including budget administration, personnel matters, project management, and the coordination of major ongoing activities or programs.

Incumbent will be assigned supervisory responsibilities over designated departmental tasks or divisions and supervise staff in those divisions.

QUALIFICATIONS GUIDE

Education and Experience

- Bachelor's Degree in Recreation, Leisure Service, Human Services, Public Administration or related field preferred.
- Four or more years of experience supervising recreation and human services programs and staff with increasing responsibility, or any equivalent combination of experience and education.

Knowledge and Abilities

- Extensive knowledge of principles, practices and methods of park, recreation and human services administration, development and management.
- Thorough knowledge of program content for specialized and general community recreation activities.
- Thorough knowledge of personnel management principles, practices, and techniques including employee selection, management, evaluation and training.
- Ability to supervise the organization, implementation and evaluation of recreation and leisure activities, human services and specialized events.
- Excellent oral and written communication skills.

Physical Demands and Working Conditions

Work is performed in a busy office environment with frequent interruptions. Office work requires sitting for prolonged periods of time and using a computer keyboard and screen. Physical demands include talking, listening, standing, kneeling, bending, twisting, reaching, and grasping in the performance of duties. Fieldwork requires driving, sitting, standing, and walking and may be subject to inclement temperature and weather.

License

Must possess a valid Class C California Driver's License and must be maintained throughout the course of employment. City employees are registered with the Department of Motor Vehicles, Employee Pull Notice Program.

Special Conditions

Designated Management-Exempt position.
Statement of Economic Interest.
Other conditions may apply depending on department assignment.

CITY OF GARDENA
CLASSIFICATION AND COMPENSATION PLAN
EFFECTIVE JUNE 13, 2023

Add Office Specialist, Schedule 30; Add Associate Planner, Schedule 58; Add Recreation & Human Services Manager, Schedule 126; Remove Recreation Services Manger, Schedule 119; Remove Recreation & Human Services Superintendent, Schedule 126

6 Clerical Aide I
6 Police Aide

STEP	*4*	*5*	*6*
ANNUAL	29,952.00	31,452.00	33,024.00
MONTHLY	2,496.00	2,621.00	2,752.00
BI-WEEKLY	1,152.00	1,209.69	1,270.15
HOURLY	14.4000	15.1212	15.8769

7 Peer Advocate Counselor II
7 Storeroom Aide

STEP	*6*
ANNUAL	32,256.00
MONTHLY	2,688.00
BI-WEEKLY	1,240.62
HOURLY	15.5077

8 Community Aide I

STEP	*6*
ANNUAL	33,060.00
MONTHLY	2,755.00
BI-WEEKLY	1,271.54
HOURLY	15.8942

13

STEP	*5*	*6*
ANNUAL	32,316.00	33,936.00
MONTHLY	2,693.00	2,828.00
BI-WEEKLY	1,242.92	1,305.23
HOURLY	15.5365	16.3154

14 Pool Cashier

STEP	*5*	*6*
ANNUAL	33,120.00	34,776.00
MONTHLY	2,760.00	2,898.00
BI-WEEKLY	1,273.85	1,337.54
HOURLY	15.9231	16.7192

15

STEP	*4*	*5*	*6*
ANNUAL	32,328.00	33,948.00	35,640.00
MONTHLY	2,694.00	2,829.00	2,970.00
BI-WEEKLY	1,243.38	1,305.69	1,370.77
HOURLY	15.5423	16.3212	17.1346

16

STEP				*4*	*5*	*6*
ANNUAL				33,144.00	34,800.00	36,540.00
MONTHLY				2,762.00	2,900.00	3,045.00
BI-WEEKLY				1,274.77	1,338.46	1,405.38
HOURLY				15.9346	16.7308	17.5673

17 Clerk Typist

STEP			*3*	*4*	*5*	*6*
ANNUAL			32,352.00	33,972.00	35,676.00	37,464.00
MONTHLY			2,696.00	2,831.00	2,973.00	3,122.00
BI-WEEKLY			1,244.31	1,306.62	1,372.15	1,440.92
HOURLY			15.5538	16.3327	17.1519	18.0115

18

STEP			*3*	*4*	*5*	*6*
ANNUAL			33,168.00	34,824.00	36,564.00	38,388.00
MONTHLY			2,764.00	2,902.00	3,047.00	3,199.00
BI-WEEKLY			1,275.69	1,339.38	1,406.31	1,476.46
HOURLY			15.9462	16.7423	17.5788	18.4558

19

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	30,828.00	32,364.00	33,984.00	35,688.00	37,476.00	39,348.00
MONTHLY	2,569.00	2,697.00	2,832.00	2,974.00	3,123.00	3,279.00
BI-WEEKLY	1,185.69	1,244.77	1,307.08	1,372.62	1,441.38	1,513.38
HOURLY	14.8212	15.5596	16.3385	17.1577	18.0173	18.9173

20

STEP		*2*	*3*	*4*	*5*	*6*
ANNUAL		33,180.00	34,836.00	36,576.00	38,400.00	40,320.00
MONTHLY		2,765.00	2,903.00	3,048.00	3,200.00	3,360.00
BI-WEEKLY		1,276.15	1,339.85	1,406.77	1,476.92	1,550.77
HOURLY		15.9519	16.7481	17.5846	18.4615	19.3846

21 Police Cadet

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	32,388.00	34,008.00	35,712.00	37,500.00	39,372.00	41,340.00
MONTHLY	2,699.00	2,834.00	2,976.00	3,125.00	3,281.00	3,445.00
BI-WEEKLY	1,245.69	1,308.00	1,373.54	1,442.31	1,514.31	1,590.00
HOURLY	15.5712	16.3500	17.1692	18.0288	18.9288	19.8750

22 FCC Program Assistant I
22 Geriatric Aide
22 Human Services Aide
22 Lifeguard/Instructor
22 Recreation Leader I

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	33,192.00	34,848.00	36,588.00	38,412.00	40,332.00	42,348.00
MONTHLY	2,766.00	2,904.00	3,049.00	3,201.00	3,361.00	3,529.00
BI-WEEKLY	1,276.62	1,340.31	1,407.23	1,477.38	1,551.23	1,628.77
HOURLY	15.9577	16.7538	17.5904	18.4673	19.3904	20.3596

23 Community Aide II

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	34,020.00	35,724.00	37,512.00	39,384.00	41,352.00	43,416.00
MONTHLY	2,835.00	2,977.00	3,126.00	3,282.00	3,446.00	3,618.00
BI-WEEKLY	1,308.46	1,374.00	1,442.77	1,514.77	1,590.46	1,669.85
HOURLY	16.3558	17.1750	18.0346	18.9346	19.8808	20.8731

24

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	34,872.00	36,612.00	38,448.00	40,368.00	42,384.00	44,508.00
MONTHLY	2,906.00	3,051.00	3,204.00	3,364.00	3,532.00	3,709.00
BI-WEEKLY	1,341.23	1,408.15	1,478.77	1,552.62	1,630.15	1,711.85
HOURLY	16.7654	17.6019	18.4846	19.4077	20.3769	21.3981

25

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	35,748.00	37,536.00	39,408.00	41,376.00	43,440.00	45,612.00
MONTHLY	2,979.00	3,128.00	3,284.00	3,448.00	3,620.00	3,801.00
BI-WEEKLY	1,374.92	1,443.69	1,515.69	1,591.38	1,670.77	1,754.31
HOURLY	17.1865	18.0462	18.9462	19.8923	20.8846	21.9288

26 Pool Supervisor

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	36,636.00	38,472.00	40,392.00	42,408.00	44,532.00	46,764.00
MONTHLY	3,053.00	3,206.00	3,366.00	3,534.00	3,711.00	3,897.00
BI-WEEKLY	1,409.08	1,479.69	1,553.54	1,631.08	1,712.77	1,798.62
HOURLY	17.6135	18.4962	19.4192	20.3885	21.4096	22.4827

27

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	37,548.00	39,420.00	41,388.00	43,452.00	45,624.00	47,904.00
MONTHLY	3,129.00	3,285.00	3,449.00	3,621.00	3,802.00	3,992.00
BI-WEEKLY	1,444.15	1,516.15	1,591.85	1,671.23	1,754.77	1,842.46
HOURLY	18.0519	18.9519	19.8981	20.8904	21.9346	23.0308

28 Certified Nursing Assistant
28 Meal Services Coordinator
28 Police Assistant
28 Recreation Leader II

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	38,484.00	40,404.00	42,420.00	44,544.00	46,776.00	49,116.00
MONTHLY	3,207.00	3,367.00	3,535.00	3,712.00	3,898.00	4,093.00
BI-WEEKLY	1,480.15	1,554.00	1,631.54	1,713.23	1,799.08	1,889.08
HOURLY	18.5019	19.4250	20.3942	21.4154	22.4885	23.6135

29 Account Clerk
29 Customer Service Clerk I
29 Printing & Technology Intern
29 Recreation Therapist

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	39,444.00	41,412.00	43,488.00	45,660.00	47,940.00	50,340.00
MONTHLY	3,287.00	3,451.00	3,624.00	3,805.00	3,995.00	4,195.00
BI-WEEKLY	1,517.08	1,592.77	1,672.62	1,756.15	1,843.85	1,936.15
HOURLY	18.9635	19.9096	20.9077	21.9519	23.0481	24.2019

30 Custodian I
30 FCC Education Assistant II
30 FCC Program Assistant II
30 Office Specialist

	1	*2*	*3*	*4*	*5*	*6*
ANNUAL	40,428.00	42,444.00	44,568.00	46,800.00	49,140.00	51,600.00
MONTHLY	3,369.00	3,537.00	3,714.00	3,900.00	4,095.00	4,300.00
BI-WEEKLY	1,554.92	1,632.46	1,714.15	1,800.00	1,890.00	1,984.62
HOURLY	19.4365	20.4058	21.4269	22.5000	23.6250	24.8077

31 Paratransit Driver

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	41,436.00	43,512.00	45,684.00	47,964.00	50,364.00	52,884.00
MONTHLY	3,453.00	3,626.00	3,807.00	3,997.00	4,197.00	4,407.00
BI-WEEKLY	1,593.69	1,673.54	1,757.08	1,844.77	1,937.08	2,034.00
HOURLY	19.9212	20.9192	21.9635	23.0596	24.2135	25.4250

32 Home Improvement Maintenance Helper
32 Right-of-Way Maintenance Worker

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	42,468.00	44,592.00	46,824.00	49,164.00	51,624.00	54,204.00
MONTHLY	3,539.00	3,716.00	3,902.00	4,097.00	4,302.00	4,517.00
BI-WEEKLY	1,633.38	1,715.08	1,800.92	1,890.92	1,985.54	2,084.77
HOURLY	20.4173	21.4385	22.5115	23.6365	24.8192	26.0596

33 Customer Service Clerk II
33 Equipment Utility Worker I
33 Public Safety Officer
33 Relief Bus Operator Trainee

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	43,524.00	45,696.00	47,976.00	50,376.00	52,896.00	55,536.00
MONTHLY	3,627.00	3,808.00	3,998.00	4,198.00	4,408.00	4,628.00
BI-WEEKLY	1,674.00	1,757.54	1,845.23	1,937.54	2,034.46	2,136.00
HOURLY	20.9250	21.9692	23.0654	24.2192	25.4308	26.7000

34 Custodian II
34 Graffiti Technician
34 Paratransit Dispatcher
34 Park Maintenance Worker I

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	44,616.00	46,848.00	49,188.00	51,648.00	54,228.00	56,940.00
MONTHLY	3,718.00	3,904.00	4,099.00	4,304.00	4,519.00	4,745.00
BI-WEEKLY	1,716.00	1,801.85	1,891.85	1,986.46	2,085.69	2,190.00
HOURLY	21.4500	22.5231	23.6481	24.8308	26.0712	27.3750

35 Community Aide III
35 Help Desk Technician
35 Street Maintenance Worker

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	45,732.00	48,024.00	50,424.00	52,944.00	55,596.00	58,380.00
MONTHLY	3,811.00	4,002.00	4,202.00	4,412.00	4,633.00	4,865.00
BI-WEEKLY	1,758.92	1,847.08	1,939.38	2,036.31	2,138.31	2,245.38
HOURLY	21.9865	23.0885	24.2423	25.4538	26.7288	28.0673

36 Intermediate Clerk Typist

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	46,872.00	49,212.00	51,672.00	54,252.00	56,964.00	59,808.00
MONTHLY	3,906.00	4,101.00	4,306.00	4,521.00	4,747.00	4,984.00
BI-WEEKLY	1,802.77	1,892.77	1,987.38	2,086.62	2,190.92	2,300.31
HOURLY	22.5346	23.6596	24.8423	26.0827	27.3865	28.7538

37 Nutrition Services Coordinator
37 Relief Bus Operator

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	48,048.00	50,448.00	52,968.00	55,620.00	58,404.00	61,320.00
MONTHLY	4,004.00	4,204.00	4,414.00	4,635.00	4,867.00	5,110.00
BI-WEEKLY	1,848.00	1,940.31	2,037.23	2,139.23	2,246.31	2,358.46
HOURLY	23.1000	24.2538	25.4654	26.7404	28.0788	29.4808

38 Activity Coordinator
38 Equipment Utility Worker II
38 Homeless Coordinator
38 Police Records Technician I
38 Police Service Technician
38 Purchasing Clerk
38 Senior Account Clerk
38 Senior Clerk Typist

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	49,248.00	51,708.00	54,288.00	57,000.00	59,856.00	62,844.00
MONTHLY	4,104.00	4,309.00	4,524.00	4,750.00	4,988.00	5,237.00
BI-WEEKLY	1,894.15	1,988.77	2,088.00	2,192.31	2,302.15	2,417.08
HOURLY	23.6769	24.8596	26.1000	27.4038	28.7769	30.2135

39 Apprentice Mechanic
39 Home Improvement Lead Person
39 Park Maintenance Worker II
39 Records Management Coordinator

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	50,484.00	53,004.00	55,656.00	58,440.00	61,368.00	64,440.00
MONTHLY	4,207.00	4,417.00	4,638.00	4,870.00	5,114.00	5,370.00
BI-WEEKLY	1,941.69	2,038.62	2,140.62	2,247.69	2,360.31	2,478.46
HOURLY	24.2712	25.4827	26.7577	28.0962	29.5038	30.9808

40 Engineering Aide
40 FCC Education Assistant III
40 FCC Program Assistant III
40 Public Works Coordinator
40 Sr. Transit Utility Specialist

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	51,744.00	54,336.00	57,048.00	59,904.00	62,904.00	66,048.00
MONTHLY	4,312.00	4,528.00	4,754.00	4,992.00	5,242.00	5,504.00
BI-WEEKLY	1,990.15	2,089.85	2,194.15	2,304.00	2,419.38	2,540.31
HOURLY	24.8769	26.1231	27.4269	28.8000	30.2423	31.7538

41 Deputy City Clerk I
41 Permit/Licensing Technician I

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	53,040.00	55,692.00	58,476.00	61,404.00	64,476.00	67,704.00
MONTHLY	4,420.00	4,641.00	4,873.00	5,117.00	5,373.00	5,642.00
BI-WEEKLY	2,040.00	2,142.00	2,249.08	2,361.69	2,479.85	2,604.00
HOURLY	25.5000	26.7750	28.1135	29.5212	30.9981	32.5500

42 Community Center Coordinator
42 Community Services Officer
42 Human Services Coordinator
42 Police Records Technician II
42 Police Service Officer
42 Recreation Coordinator
42 Secretary
42 Tree Trimmer I

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	54,372.00	57,096.00	59,952.00	62,952.00	66,096.00	69,396.00
MONTHLY	4,531.00	4,758.00	4,996.00	5,246.00	5,508.00	5,783.00
BI-WEEKLY	2,091.23	2,196.00	2,305.85	2,421.23	2,542.15	2,669.08
HOURLY	26.1404	27.4500	28.8231	30.2654	31.7769	33.3635

43 Administrative Aide
43 Building Maintenance Worker
43 Cement Finisher
43 Human Resources / Department Coordinator
43 Payroll / Personnel Technician
43 Senior Citizens Social Services Coordinator
43 Transit Maintenance Coordinator

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	55,728.00	58,512.00	61,440.00	64,512.00	67,740.00	71,124.00
MONTHLY	4,644.00	4,876.00	5,120.00	5,376.00	5,645.00	5,927.00
BI-WEEKLY	2,143.38	2,250.46	2,363.08	2,481.23	2,605.38	2,735.54
HOURLY	26.7923	28.1308	29.5385	31.0154	32.5673	34.1942

44 Administrative Secretary
44 Building Aide
44 Building/Planning Technician
44 Permit/Licensing Technician II
44 Sewer Maintenance Worker
44 Tree Trimmer II

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	57,120.00	59,976.00	62,976.00	66,120.00	69,432.00	72,900.00
MONTHLY	4,760.00	4,998.00	5,248.00	5,510.00	5,786.00	6,075.00
BI-WEEKLY	2,196.92	2,306.77	2,422.15	2,543.08	2,670.46	2,803.85
HOURLY	27.4615	28.8346	30.2769	31.7885	33.3808	35.0481

45 Street Sweeper Operator

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	58,548.00	61,476.00	64,548.00	67,776.00	71,160.00	74,724.00
MONTHLY	4,879.00	5,123.00	5,379.00	5,648.00	5,930.00	6,227.00
BI-WEEKLY	2,251.85	2,364.46	2,482.62	2,606.77	2,736.92	2,874.00
HOURLY	28.1481	29.5558	31.0327	32.5846	34.2115	35.9250

46 Heavy Equipment Operator
46 Street Traffic Painter

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	60,012.00	63,012.00	66,168.00	69,480.00	72,960.00	76,608.00
MONTHLY	5,001.00	5,251.00	5,514.00	5,790.00	6,080.00	6,384.00
BI-WEEKLY	2,308.15	2,423.54	2,544.92	2,672.31	2,806.15	2,946.46
HOURLY	28.8519	30.2942	31.8115	33.4038	35.0769	36.8308

47 Equipment Mechanic
47 Graphics Technician
47 Maintenance Painter
47 Senior Building Maintenance Worker
47 Transit Mechanic
47 Transit Parts/Storeroom Coordinator

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	61,512.00	64,584.00	67,812.00	71,208.00	74,772.00	78,516.00
MONTHLY	5,126.00	5,382.00	5,651.00	5,934.00	6,231.00	6,543.00
BI-WEEKLY	2,365.85	2,484.00	2,608.15	2,738.77	2,875.85	3,019.85
HOURLY	29.5731	31.0500	32.6019	34.2346	35.9481	37.7481

48 Custodian-Lead
48 Financial Services Technician
48 Human Resources Technician
48 Junior Accountant

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	63,048.00	66,204.00	69,516.00	72,996.00	76,644.00	80,472.00
MONTHLY	5,254.00	5,517.00	5,793.00	6,083.00	6,387.00	6,706.00
BI-WEEKLY	2,424.92	2,546.31	2,673.69	2,807.54	2,947.85	3,095.08
HOURLY	30.3115	31.8288	33.4212	35.0942	36.8481	38.6885

49 Administrative Analyst I
49 Community Services Counselor
49 Program Coordinator
49 Recreation Supervisor

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	64,620.00	67,848.00	71,244.00	74,808.00	78,552.00	82,476.00
MONTHLY	5,385.00	5,654.00	5,937.00	6,234.00	6,546.00	6,873.00
BI-WEEKLY	2,485.38	2,609.54	2,740.15	2,877.23	3,021.23	3,172.15
HOURLY	31.0673	32.6192	34.2519	35.9654	37.7654	39.6519

50 Case Management Supervisor/Instructor
50 Transit Dispatcher/Operations Assistant

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	66,240.00	69,552.00	73,032.00	76,680.00	80,520.00	84,552.00
MONTHLY	5,520.00	5,796.00	6,086.00	6,390.00	6,710.00	7,046.00
BI-WEEKLY	2,547.69	2,675.08	2,808.92	2,949.23	3,096.92	3,252.00
HOURLY	31.8462	33.4385	35.1115	36.8654	38.7115	40.6500

51 Electrical/Signal Technician I
51 Emergency Preparedness Coordinator
51 Engineering Technician
51 Executive Assistant to Chief of Police
51 General Building Inspector
51 Information Technology Coordinator
51 Lead Equipment Mechanic
51 Lead Mechanic
51 Planning Assistant

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	67,896.00	71,292.00	74,856.00	78,600.00	82,536.00	86,664.00
MONTHLY	5,658.00	5,941.00	6,238.00	6,550.00	6,878.00	7,222.00
BI-WEEKLY	2,611.38	2,742.00	2,879.08	3,023.08	3,174.46	3,333.23
HOURLY	32.6423	34.2750	35.9885	37.7885	39.6808	41.6654

52 Payroll Specialist

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	69,588.00	73,068.00	76,716.00	80,556.00	84,588.00	88,812.00
MONTHLY	5,799.00	6,089.00	6,393.00	6,713.00	7,049.00	7,401.00
BI-WEEKLY	2,676.46	2,810.31	2,950.62	3,098.31	3,253.38	3,415.85
HOURLY	33.4558	35.1288	36.8827	38.7288	40.6673	42.6981

53 Code Enforcement Officer
53 FCC Education Coordinator
53 Park Maintenance Lead
53 Public Works Inspector
53 Public Works Lead
53 Transit Operations Training Coordinator

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	71,328.00	74,892.00	78,636.00	82,572.00	86,700.00	91,032.00
MONTHLY	5,944.00	6,241.00	6,553.00	6,881.00	7,225.00	7,586.00
BI-WEEKLY	2,743.38	2,880.46	3,024.46	3,175.85	3,334.62	3,501.23
HOURLY	34.2923	36.0058	37.8058	39.6981	41.6827	43.7654

54 Administrative Analyst II
54 Building Maintenance Lead
54 Forensic Technician
54 Transit Marketing Coordinator

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	73,116.00	76,776.00	80,616.00	84,648.00	88,884.00	93,324.00
MONTHLY	6,093.00	6,398.00	6,718.00	7,054.00	7,407.00	7,777.00
BI-WEEKLY	2,812.15	2,952.92	3,100.62	3,255.69	3,418.62	3,589.38
HOURLY	35.1519	36.9115	38.7577	40.6962	42.7327	44.8673

55 Electrical/Signal Technician II

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	74,940.00	78,684.00	82,620.00	86,748.00	91,080.00	95,640.00
MONTHLY	6,245.00	6,557.00	6,885.00	7,229.00	7,590.00	7,970.00
BI-WEEKLY	2,882.31	3,026.31	3,177.69	3,336.46	3,503.08	3,678.46
HOURLY	36.0288	37.8288	39.7212	41.7058	43.7885	45.9808

56 Administrative Coordinator
56 Assistant Engineer
56 FCC Program Coordinator

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	76,812.00	80,652.00	84,684.00	88,920.00	93,372.00	98,040.00
MONTHLY	6,401.00	6,721.00	7,057.00	7,410.00	7,781.00	8,170.00
BI-WEEKLY	2,954.31	3,102.00	3,257.08	3,420.00	3,591.23	3,770.77
HOURLY	36.9288	38.7750	40.7135	42.7500	44.8904	47.1346

57 Senior Accountant

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	78,732.00	82,668.00	86,796.00	91,140.00	95,700.00	100,488.00
MONTHLY	6,561.00	6,889.00	7,233.00	7,595.00	7,975.00	8,374.00
BI-WEEKLY	3,028.15	3,179.54	3,338.31	3,505.38	3,680.77	3,864.92
HOURLY	37.8519	39.7442	41.7288	43.8173	46.0096	48.3115

58 Associate Planner
58 Code Enforcement Supervisor

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	80,700.00	84,732.00	88,968.00	93,420.00	98,088.00	102,996.00
MONTHLY	6,725.00	7,061.00	7,414.00	7,785.00	8,174.00	8,583.00
BI-WEEKLY	3,103.85	3,258.92	3,421.85	3,593.08	3,772.62	3,961.38
HOURLY	38.7981	40.7365	42.7731	44.9135	47.1577	49.5173

59 Administrative Support Services Supervisor

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	82,716.00	86,856.00	91,200.00	95,760.00	100,548.00	105,576.00
MONTHLY	6,893.00	7,238.00	7,600.00	7,980.00	8,379.00	8,798.00
BI-WEEKLY	3,181.38	3,340.62	3,507.69	3,683.08	3,867.23	4,060.62
HOURLY	39.7673	41.7577	43.8462	46.0385	48.3404	50.7577

60

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	84,780.00	89,016.00	93,468.00	98,136.00	103,044.00	108,192.00
MONTHLY	7,065.00	7,418.00	7,789.00	8,178.00	8,587.00	9,016.00
BI-WEEKLY	3,260.77	3,423.69	3,594.92	3,774.46	3,963.23	4,161.23
HOURLY	40.7596	42.7962	44.9365	47.1808	49.5404	52.0154

61 Administrative Analyst III
61 Associate Engineer
61 Information Technology Systems Analyst - Transit
61 Transit Planning and Scheduling Analyst

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	86,904.00	91,248.00	95,808.00	100,596.00	105,624.00	110,904.00
MONTHLY	7,242.00	7,604.00	7,984.00	8,383.00	8,802.00	9,242.00
BI-WEEKLY	3,342.46	3,509.54	3,684.92	3,869.08	4,062.46	4,265.54
HOURLY	41.7808	43.8692	46.0615	48.3635	50.7808	53.3192

62 Information Technology Supervisor

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	89,076.00	93,528.00	98,208.00	103,116.00	108,276.00	113,688.00
MONTHLY	7,423.00	7,794.00	8,184.00	8,593.00	9,023.00	9,474.00
BI-WEEKLY	3,426.00	3,597.23	3,777.23	3,966.00	4,164.46	4,372.62
HOURLY	42.8250	44.9654	47.2154	49.5750	52.0558	54.6577

63

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	91,308.00	95,868.00	100,656.00	105,684.00	110,964.00	116,508.00
MONTHLY	7,609.00	7,989.00	8,388.00	8,807.00	9,247.00	9,709.00
BI-WEEKLY	3,511.85	3,687.23	3,871.38	4,064.77	4,267.85	4,481.08
HOURLY	43.8981	46.0904	48.3923	50.8096	53.3481	56.0135

64

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	93,588.00	98,268.00	103,176.00	108,336.00	113,748.00	119,436.00
MONTHLY	7,799.00	8,189.00	8,598.00	9,028.00	9,479.00	9,953.00
BI-WEEKLY	3,599.54	3,779.54	3,968.31	4,166.77	4,374.92	4,593.69
HOURLY	44.9942	47.2442	49.6038	52.0846	54.6865	57.4212

65

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	95,928.00	100,728.00	105,768.00	111,060.00	116,616.00	122,448.00
MONTHLY	7,994.00	8,394.00	8,814.00	9,255.00	9,718.00	10,204.00
BI-WEEKLY	3,689.54	3,874.15	4,068.00	4,271.54	4,485.23	4,709.54
HOURLY	46.1192	48.4269	50.8500	53.3942	56.0654	58.8692

66 Civil Engineer

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	98,328.00	103,248.00	108,408.00	113,832.00	119,520.00	125,496.00
MONTHLY	8,194.00	8,604.00	9,034.00	9,486.00	9,960.00	10,458.00
BI-WEEKLY	3,781.85	3,971.08	4,169.54	4,378.15	4,596.92	4,826.77
HOURLY	47.2731	49.6385	52.1192	54.7269	57.4615	60.3346

67

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	100,788.00	105,828.00	111,120.00	116,676.00	122,508.00	128,628.00
MONTHLY	8,399.00	8,819.00	9,260.00	9,723.00	10,209.00	10,719.00
BI-WEEKLY	3,876.46	4,070.31	4,273.85	4,487.54	4,711.85	4,947.23
HOURLY	48.4558	50.8788	53.4231	56.0942	58.8981	61.8404

90 Bus Operator

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	54,948.00	57,696.00	60,576.00	63,600.00	66,780.00	70,116.00
MONTHLY	4,579.00	4,808.00	5,048.00	5,300.00	5,565.00	5,843.00
BI-WEEKLY	2,113.38	2219.08	2329.85	2,446.15	2,568.46	2,696.77
HOURLY	26.4173	27.7385	29.1231	30.5769	32.1058	33.7096
Specialty - 5%	228.95	240.40	252.40	265.00	278.25	292.15

104

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	58,800.00	61,740.00	64,824.00	68,064.00	71,472.00	75,048.00
MONTHLY	4,900.00	5,145.00	5,402.00	5,672.00	5,956.00	6,254.00
BI-WEEKLY	2,261.54	2,374.62	2,493.23	2,617.85	2,748.92	2,886.46
HOURLY	28.2692	29.6827	31.1654	32.7231	34.3615	36.0808
Lgy Bonus 20	122.50	128.63	135.05	141.80	148.90	156.35
Lgy Bonus 25	245.00	257.25	270.10	283.60	297.80	312.70
Lgy Bonus 30	367.50	385.88	405.15	425.40	446.70	469.05

105

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	60,276.00	63,288.00	66,456.00	69,780.00	73,272.00	76,932.00
MONTHLY	5,023.00	5,274.00	5,538.00	5,815.00	6,106.00	6,411.00
BI-WEEKLY	2,318.31	2434.15	2556.00	2683.85	2818.15	2958.92
HOURLY	28.9788	30.4269	31.9500	33.5481	35.2269	36.9865
Lgy Bonus 20	125.58	131.85	138.45	145.38	152.65	160.28
Lgy Bonus 25	251.15	263.70	276.90	290.75	305.30	320.55
Lgy Bonus 30	376.73	395.55	415.35	436.13	457.95	480.83

106

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	61,788.00	64,872.00	68,112.00	71,520.00	75,096.00	78,852.00
MONTHLY	5,149.00	5,406.00	5,676.00	5,960.00	6,258.00	6,571.00
BI-WEEKLY	2,376.46	2,495.08	2,619.69	2,750.77	2,888.31	3,032.77
HOURLY	29.7058	31.1885	32.7462	34.3846	36.1038	37.9096
Lgy Bonus 20	128.73	135.15	141.90	149.00	156.45	164.28
Lgy Bonus 25	257.45	270.30	283.80	298.00	312.90	328.55
Lgy Bonus 30	386.18	405.45	425.70	447.00	469.35	492.83

107

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	63,336.00	66,504.00	69,828.00	73,320.00	76,992.00	80,844.00
MONTHLY	5,278.00	5,542.00	5,819.00	6,110.00	6,416.00	6,737.00
BI-WEEKLY	2,436.00	2,557.85	2,685.69	2,820.00	2,961.23	3,109.38
HOURLY	30.4500	31.9731	33.5712	35.2500	37.0154	38.8673
Lgy Bonus 20	131.95	138.55	145.48	152.75	160.40	168.43
Lgy Bonus 25	263.90	277.10	290.95	305.50	320.80	336.85
Lgy Bonus 30	395.85	415.65	436.43	458.25	481.20	505.28

108 Economic Development Analyst

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	64,920.00	68,172.00	71,580.00	75,156.00	78,912.00	82,860.00
MONTHLY	5,410.00	5,681.00	5,965.00	6,263.00	6,576.00	6,905.00
BI-WEEKLY	2,496.92	2,622.00	2,753.08	2,890.62	3,035.08	3,186.92
HOURLY	31.2115	32.7750	34.4135	36.1327	37.9385	39.8365
Lgy Bonus 20	135.25	142.03	149.13	156.58	164.40	172.63
Lgy Bonus 25	270.50	284.05	298.25	313.15	328.80	345.25
Lgy Bonus 30	405.75	426.08	447.38	469.73	493.20	517.88

109

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	66,540.00	69,864.00	73,356.00	77,028.00	80,880.00	84,924.00
MONTHLY	5,545.00	5,822.00	6,113.00	6,419.00	6,740.00	7,077.00
BI-WEEKLY	2,559.23	2,687.08	2,821.38	2,962.62	3,110.77	3,266.31
HOURLY	31.9904	33.5885	35.2673	37.0327	38.8846	40.8288
Lgy Bonus 20	138.63	145.55	152.83	160.48	168.50	176.93
Lgy Bonus 25	277.25	291.10	305.65	320.95	337.00	353.85
Lgy Bonus 30	415.88	436.65	458.48	481.43	505.50	530.78

110

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	68,208.00	71,616.00	75,192.00	78,948.00	82,896.00	87,036.00
MONTHLY	5,684.00	5,968.00	6,266.00	6,579.00	6,908.00	7,253.00
BI-WEEKLY	2,623.38	2,754.46	2,892.00	3,036.46	3,188.31	3,347.54
HOURLY	32.7923	34.4308	36.1500	37.9558	39.8538	41.8442
Lgy Bonus 20	142.10	149.20	156.65	164.48	172.70	181.33
Lgy Bonus 25	284.20	298.40	313.30	328.95	345.40	362.65
Lgy Bonus 30	426.30	447.60	469.95	493.43	518.10	543.98

111

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	69,912.00	73,404.00	77,076.00	80,928.00	84,972.00	89,220.00
MONTHLY	5,826.00	6,117.00	6,423.00	6,744.00	7,081.00	7,435.00
BI-WEEKLY	2,688.92	2,823.23	2,964.46	3,112.62	3,268.15	3,431.54
HOURLY	33.6115	35.2904	37.0558	38.9077	40.8519	42.8942
Lgy Bonus 20	145.65	152.93	160.58	168.60	177.03	185.88
Lgy Bonus 25	291.30	305.85	321.15	337.20	354.05	371.75
Lgy Bonus 30	436.95	458.78	481.73	505.80	531.08	557.63

112

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	71,664.00	75,252.00	79,020.00	82,968.00	87,120.00	91,476.00
MONTHLY	5,972.00	6,271.00	6,585.00	6,914.00	7,260.00	7,623.00
BI-WEEKLY	2,756.31	2,894.31	3,039.23	3,191.08	3,350.77	3,518.31
HOURLY	34.4538	36.1788	37.9904	39.8885	41.8846	43.9788
Lgy Bonus 20	149.30	156.78	164.63	172.85	181.50	190.58
Lgy Bonus 25	298.60	313.55	329.25	345.70	363.00	381.15
Lgy Bonus 30	447.90	470.33	493.88	518.55	544.50	571.73

113

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	73,452.00	77,124.00	80,976.00	85,020.00	89,268.00	93,732.00
MONTHLY	6,121.00	6,427.00	6,748.00	7,085.00	7,439.00	7,811.00
BI-WEEKLY	2,825.08	2,966.31	3,114.46	3,270.00	3,433.38	3,605.08
HOURLY	35.3135	37.0788	38.9308	40.8750	42.9173	45.0635
Lgy Bonus 20	153.03	160.68	168.70	177.13	185.98	195.28
Lgy Bonus 25	306.05	321.35	337.40	354.25	371.95	390.55
Lgy Bonus 30	459.08	482.03	506.10	531.38	557.93	585.83

114

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	75,288.00	79,056.00	83,004.00	87,156.00	91,512.00	96,084.00
MONTHLY	6,274.00	6,588.00	6,917.00	7,263.00	7,626.00	8,007.00
BI-WEEKLY	2,895.69	3,040.62	3,192.46	3,352.15	3,519.69	3,695.54
HOURLY	36.1962	38.0077	39.9058	41.9019	43.9962	46.1942
Lgy Bonus 20	156.85	164.70	172.93	181.58	190.65	200.18
Lgy Bonus 25	313.70	329.40	345.85	363.15	381.30	400.35
Lgy Bonus 30	470.55	494.10	518.78	544.73	571.95	600.53

115 Deputy City Clerk/Records Management Officer
115 Deputy City Treasurer
115 Human Resources Analyst
115 Risk Management Analyst

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	77,172.00	81,036.00	85,092.00	89,352.00	93,816.00	98,508.00
MONTHLY	6,431.00	6,753.00	7,091.00	7,446.00	7,818.00	8,209.00
BI-WEEKLY	2,968.15	3,116.77	3,272.77	3,436.62	3,608.31	3,788.77
HOURLY	37.1019	38.9596	40.9096	42.9577	45.1038	47.3596
Lgy Bonus 20	160.78	168.83	177.28	186.15	195.45	205.23
Lgy Bonus 25	321.55	337.65	354.55	372.30	390.90	410.45
Lgy Bonus 30	482.33	506.48	531.83	558.45	586.35	615.68

116

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	79,104.00	83,064.00	87,216.00	91,572.00	96,156.00	100,968.00
MONTHLY	6,592.00	6,922.00	7,268.00	7,631.00	8,013.00	8,414.00
BI-WEEKLY	3,042.46	3,194.77	3,354.46	3,522.00	3,698.31	3,883.38
HOURLY	38.0308	39.9346	41.9308	44.0250	46.2288	48.5423
Lgy Bonus 20	164.80	173.05	181.70	190.78	200.33	210.35
Lgy Bonus 25	329.60	346.10	363.40	381.55	400.65	420.70
Lgy Bonus 30	494.40	519.15	545.10	572.33	600.98	631.05

117 Transportation Operations Supervisor

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	81,084.00	85,140.00	89,400.00	93,876.00	98,568.00	103,500.00
MONTHLY	6,757.00	7,095.00	7,450.00	7,823.00	8,214.00	8,625.00
BI-WEEKLY	3,118.62	3,274.62	3,438.46	3,610.62	3,791.08	3,980.77
HOURLY	38.9827	40.9327	42.9808	45.1327	47.3885	49.7596
Lgy Bonus 20	168.93	177.38	186.25	195.58	205.35	215.63
Lgy Bonus 25	337.85	354.75	372.50	391.15	410.70	431.25
Lgy Bonus 30	506.78	532.13	558.75	586.73	616.05	646.88

118 Administrative Management Analyst I

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	83,112.00	87,264.00	91,632.00	96,216.00	101,028.00	106,080.00
MONTHLY	6,926.00	7,272.00	7,636.00	8,018.00	8,419.00	8,840.00
BI-WEEKLY	3,196.62	3,356.31	3,524.31	3,700.62	3,885.69	4,080.00
HOURLY	39.9577	41.9538	44.0538	46.2577	48.5712	51.0000
Lgy Bonus 20	173.15	181.80	190.90	200.45	210.48	221.00
Lgy Bonus 25	346.30	363.60	381.80	400.90	420.95	442.00
Lgy Bonus 30	519.45	545.40	572.70	601.35	631.43	663.00

119 Accountant/Cost Accountant
119 Fleet Maintenance Supervisor
119 Transit Administrative Supervisor
119 Transit Training and Safety Supervisor

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	85,188.00	89,448.00	93,924.00	98,616.00	103,548.00	108,720.00
MONTHLY	7,099.00	7,454.00	7,827.00	8,218.00	8,629.00	9,060.00
BI-WEEKLY	3,276.46	3,440.31	3,612.46	3,792.92	3,982.62	4,181.54
HOURLY	40.9558	43.0038	45.1558	47.4115	49.7827	52.2692
Lgy Bonus 20	177.48	186.35	195.68	205.45	215.73	226.50
Lgy Bonus 25	354.95	372.70	391.35	410.90	431.45	453.00
Lgy Bonus 30	532.43	559.05	587.03	616.35	647.18	679.50

120 Administrative Management Analyst II
120 Executive Office Assistant

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	87,312.00	91,680.00	96,264.00	101,076.00	106,128.00	111,432.00
MONTHLY	7,276.00	7,640.00	8,022.00	8,423.00	8,844.00	9,286.00
BI-WEEKLY	3,358.15	3,526.15	3,702.46	3,887.54	4,081.85	4,285.85
HOURLY	41.9769	44.0769	46.2808	48.5942	51.0231	53.5731
Lgy Bonus 20	181.90	191.00	200.55	210.58	221.10	232.15
Lgy Bonus 25	363.80	382.00	401.10	421.15	442.20	464.30
Lgy Bonus 30	545.70	573.00	601.65	631.73	663.30	696.45

121

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	89,496.00	93,972.00	98,676.00	103,608.00	108,792.00	114,228.00
MONTHLY	7,458.00	7,831.00	8,223.00	8,634.00	9,066.00	9,519.00
BI-WEEKLY	3,442.15	3,614.31	3,795.23	3,984.92	4,184.31	4,393.38
HOURLY	43.0269	45.1788	47.4404	49.8115	52.3038	54.9173
Lgy Bonus 20	186.45	195.78	205.58	215.85	226.65	237.98
Lgy Bonus 25	372.90	391.55	411.15	431.70	453.30	475.95
Lgy Bonus 30	559.35	587.33	616.73	647.55	679.95	713.93

122 Facilities Maintenance Supervisor
122 Senior Human Resources Analyst
122 Senior Planner

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	91,728.00	96,312.00	101,124.00	106,176.00	111,480.00	117,060.00
MONTHLY	7,644.00	8,026.00	8,427.00	8,848.00	9,290.00	9,755.00
BI-WEEKLY	3,528.00	3,704.31	3,889.38	4,083.69	4,287.69	4,502.31
HOURLY	44.1000	46.3038	48.6173	51.0462	53.5962	56.2788
Lgy Bonus 20	191.10	200.65	210.68	221.20	232.25	243.88
Lgy Bonus 25	382.20	401.30	421.35	442.40	464.50	487.75
Lgy Bonus 30	573.30	601.95	632.03	663.60	696.75	731.63

123

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	94,020.00	98,724.00	103,656.00	108,840.00	114,288.00	120,000.00
MONTHLY	7,835.00	8,227.00	8,638.00	9,070.00	9,524.00	10,000.00
BI-WEEKLY	3,616.15	3,797.08	3,986.77	4,186.15	4,395.69	4,615.38
HOURLY	45.2019	47.4635	49.8346	52.3269	54.9462	57.6923
Lgy Bonus 20	195.88	205.68	215.95	226.75	238.10	250.00
Lgy Bonus 25	391.75	411.35	431.90	453.50	476.20	500.00
Lgy Bonus 30	587.63	617.03	647.85	680.25	714.30	750.00

124 Senior Administrative Analyst

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	96,372.00	101,196.00	106,260.00	111,576.00	117,156.00	123,012.00
MONTHLY	8,031.00	8,433.00	8,855.00	9,298.00	9,763.00	10,251.00
BI-WEEKLY	3,706.62	3,892.15	4,086.92	4,291.38	4,506.00	4,731.23
HOURLY	46.3327	48.6519	51.0865	53.6423	56.3250	59.1404
Lgy Bonus 20	200.78	210.83	221.38	232.45	244.08	256.28
Lgy Bonus 25	401.55	421.65	442.75	464.90	488.15	512.55
Lgy Bonus 30	602.33	632.48	664.13	697.35	732.23	768.83

125 Public Information Officer

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	98,784.00	103,728.00	108,912.00	114,360.00	120,084.00	126,084.00
MONTHLY	8,232.00	8,644.00	9,076.00	9,530.00	10,007.00	10,507.00
BI-WEEKLY	3,799.38	3,989.54	4,188.92	4,398.46	4,618.62	4,849.38
HOURLY	47.4923	49.8692	52.3615	54.9808	57.7327	60.6173
Lgy Bonus 20	205.80	216.10	226.90	238.25	250.18	262.68
Lgy Bonus 25	411.60	432.20	453.80	476.50	500.35	525.35
Lgy Bonus 30	617.40	648.30	680.70	714.75	750.53	788.03

126 Administrative Services Manager
126 Community Development Manager
126 Economic Development Manager
126 Family Child Care Manager
126 Recreation & Human Services Manager
126 Transportation Administrative Manager

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	101,256.00	106,320.00	111,636.00	117,216.00	123,072.00	129,228.00
MONTHLY	8,438.00	8,860.00	9,303.00	9,768.00	10,256.00	10,769.00
BI-WEEKLY	3,894.46	4,089.23	4,293.69	4,508.31	4,733.54	4,970.31
HOURLY	48.6808	51.1154	53.6712	56.3538	59.1692	62.1288
Lgy Bonus 20	210.95	221.50	232.58	244.20	256.40	269.23
Lgy Bonus 25	421.90	443.00	465.15	488.40	512.80	538.45
Lgy Bonus 30	632.85	664.50	697.73	732.60	769.20	807.68

127

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	103,788.00	108,972.00	114,420.00	120,144.00	126,156.00	132,468.00
MONTHLY	8,649.00	9,081.00	9,535.00	10,012.00	10,513.00	11,039.00
BI-WEEKLY	3,991.85	4,191.23	4,400.77	4,620.92	4,852.15	5,094.92
HOURLY	49.8981	52.3904	55.0096	57.7615	60.6519	63.6865
Lgy Bonus 20	216.23	227.03	238.38	250.30	262.83	275.98
Lgy Bonus 25	432.45	454.05	476.75	500.60	525.65	551.95
Lgy Bonus 30	648.68	681.08	715.13	750.90	788.48	827.93

128 Equipment Maintenance Superintendent
128 Finance and Administrative Services Manager
128 Financial Services Manager
128 Transit Maintenance Manager

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	106,380.00	111,696.00	117,276.00	123,144.00	129,300.00	135,768.00
MONTHLY	8,865.00	9,308.00	9,773.00	10,262.00	10,775.00	11,314.00
BI-WEEKLY	4,091.54	4,296.00	4,510.62	4,736.31	4,973.08	5,221.85
HOURLY	51.1442	53.7000	56.3827	59.2038	62.1635	65.2731
Lgy Bonus 20	221.63	232.70	244.33	256.55	269.38	282.85
Lgy Bonus 25	443.25	465.40	488.65	513.10	538.75	565.70
Lgy Bonus 30	664.88	698.10	732.98	769.65	808.13	848.55

129

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	109,044.00	114,492.00	120,216.00	126,228.00	132,540.00	139,164.00
MONTHLY	9,087.00	9,541.00	10,018.00	10,519.00	11,045.00	11,597.00
BI-WEEKLY	4,194.00	4,403.54	4,623.69	4,854.92	5,097.69	5,352.46
HOURLY	52.4250	55.0442	57.7962	60.6865	63.7212	66.9058
Lgy Bonus 20	227.18	238.53	250.45	262.98	276.13	289.93
Lgy Bonus 25	454.35	477.05	500.90	525.95	552.25	579.85
Lgy Bonus 30	681.53	715.58	751.35	788.93	828.38	869.78

130 Accounting/Finance Manager
130 Information Technology Manager
130 Park Maintenance Superintendent
130 Recreation Program Administrator
130 Street Maintenance Superintendent

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	111,768.00	117,360.00	123,228.00	129,384.00	135,852.00	142,644.00
MONTHLY	9,314.00	9,780.00	10,269.00	10,782.00	11,321.00	11,887.00
BI-WEEKLY	4,298.77	4,513.85	4,739.54	4,976.31	5,225.08	5,486.31
HOURLY	53.7346	56.4231	59.2442	62.2038	65.3135	68.5788
Lgy Bonus 20	232.85	244.50	256.73	269.55	283.03	297.18
Lgy Bonus 25	465.70	489.00	513.45	539.10	566.05	594.35
Lgy Bonus 30	698.55	733.50	770.18	808.65	849.08	891.53

131 Plan Check Engineer
131 Transit Operations Manager

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	114,564.00	120,288.00	126,300.00	132,612.00	139,248.00	146,208.00
MONTHLY	9,547.00	10,024.00	10,525.00	11,051.00	11,604.00	12,184.00
BI-WEEKLY	4,406.31	4,626.46	4,857.69	5,100.46	5,355.69	5,623.38
HOURLY	55.0788	57.8308	60.7212	63.7558	66.9462	70.2923
Lgy Bonus 20	238.68	250.60	263.13	276.28	290.10	304.60
Lgy Bonus 25	477.35	501.20	526.25	552.55	580.20	609.20
Lgy Bonus 30	716.03	751.80	789.38	828.83	870.30	913.80

132 FCC Therapist/Trainer II

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	117,432.00	123,300.00	129,468.00	135,936.00	142,728.00	149,868.00
MONTHLY	9,786.00	10,275.00	10,789.00	11,328.00	11,894.00	12,489.00
BI-WEEKLY	4,516.62	4,742.31	4,979.54	5,228.31	5,489.54	5,764.15
HOURLY	56.4577	59.2788	62.2442	65.3538	68.6192	72.0519
Lgy Bonus 20	244.65	256.88	269.73	283.20	297.35	312.23
Lgy Bonus 25	489.30	513.75	539.45	566.40	594.70	624.45
Lgy Bonus 30	733.95	770.63	809.18	849.60	892.05	936.68

133 Human Resources Manager
133 Public Works Superintendent

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	120,372.00	126,396.00	132,720.00	139,356.00	146,328.00	153,648.00
MONTHLY	10,031.00	10,533.00	11,060.00	11,613.00	12,194.00	12,804.00
BI-WEEKLY	4,629.69	4,861.38	5,104.62	5,359.85	5,628.00	5,909.54
HOURLY	57.8712	60.7673	63.8077	66.9981	70.3500	73.8692
Lgy Bonus 20	250.78	263.33	276.50	290.33	304.85	320.10
Lgy Bonus 25	501.55	526.65	553.00	580.65	609.70	640.20
Lgy Bonus 30	752.33	789.98	829.50	870.98	914.55	960.30

134 Assistant to the City Manager

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	123,384.00	129,552.00	136,032.00	142,836.00	149,976.00	157,476.00
MONTHLY	10,282.00	10,796.00	11,336.00	11,903.00	12,498.00	13,123.00
BI-WEEKLY	4,745.54	4,982.77	5,232.00	5,493.69	5,768.31	6,056.77
HOURLY	59.3192	62.2846	65.4000	68.6712	72.1038	75.7096
Lgy Bonus 20	257.05	269.90	283.40	297.58	312.45	328.08
Lgy Bonus 25	514.10	539.80	566.80	595.15	624.90	656.15
Lgy Bonus 30	771.15	809.70	850.20	892.73	937.35	984.23

135

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	126,468.00	132,792.00	139,428.00	146,400.00	153,720.00	161,412.00
MONTHLY	10,539.00	11,066.00	11,619.00	12,200.00	12,810.00	13,451.00
BI-WEEKLY	4,864.15	5,107.38	5,362.62	5,630.77	5,912.31	6,208.15
HOURLY	60.8019	63.8423	67.0327	70.3846	73.9038	77.6019
Lgy Bonus 20	263.48	276.65	290.48	305.00	320.25	336.28
Lgy Bonus 25	526.95	553.30	580.95	610.00	640.50	672.55
Lgy Bonus 30	790.43	829.95	871.43	915.00	960.75	1008.83

136

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	129,624.00	136,104.00	142,908.00	150,048.00	157,548.00	165,420.00
MONTHLY	10,802.00	11,342.00	11,909.00	12,504.00	13,129.00	13,785.00
BI-WEEKLY	4,985.54	5,234.77	5,496.46	5,771.08	6,059.54	6,362.31
HOURLY	62.3192	65.4346	68.7058	72.1385	75.7442	79.5288
Lgy Bonus 20	270.05	283.55	297.73	312.60	328.23	344.63
Lgy Bonus 25	540.10	567.10	595.45	625.20	656.45	689.25
Lgy Bonus 30	810.15	850.65	893.18	937.80	984.68	1033.88

137

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	132,864.00	139,512.00	146,484.00	153,804.00	161,496.00	169,572.00
MONTHLY	11,072.00	11,626.00	12,207.00	12,817.00	13,458.00	14,131.00
BI-WEEKLY	5,110.15	5,365.85	5,634.00	5,915.54	6,211.38	6,522.00
HOURLY	63.8769	67.0731	70.4250	73.9442	77.6423	81.5250
Lgy Bonus 20	276.80	290.65	305.18	320.43	336.45	353.28
Lgy Bonus 25	553.60	581.30	610.35	640.85	672.90	706.55
Lgy Bonus 30	830.40	871.95	915.53	961.28	1009.35	1059.83

138 Chief Fiscal Officer
138 Principal Civil Engineer
138 Transit Administrative Officer
138 Transit Operations Officer

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	136,188.00	142,992.00	150,144.00	157,656.00	165,540.00	173,820.00
MONTHLY	11,349.00	11,916.00	12,512.00	13,138.00	13,795.00	14,485.00
BI-WEEKLY	5,238.00	5,499.69	5,774.77	6,063.69	6,366.92	6,685.38
HOURLY	65.4750	68.7462	72.1846	75.7962	79.5865	83.5673
Lgy Bonus 20	283.73	297.90	312.80	328.45	344.88	362.13
Lgy Bonus 25	567.45	595.80	625.60	656.90	689.75	724.25
Lgy Bonus 30	851.18	893.70	938.40	985.35	1034.63	1086.38

139

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	139,596.00	146,580.00	153,912.00	161,604.00	169,680.00	178,164.00
MONTHLY	11,633.00	12,215.00	12,826.00	13,467.00	14,140.00	14,847.00
BI-WEEKLY	5,369.08	5,637.69	5,919.69	6,215.54	6,526.15	6,852.46
HOURLY	67.1135	70.4712	73.9962	77.6942	81.5769	85.6558
Lgy Bonus 20	290.83	305.38	320.65	336.68	353.50	371.18
Lgy Bonus 25	581.65	610.75	641.30	673.35	707.00	742.35
Lgy Bonus 30	872.48	916.13	961.95	1010.03	1060.50	1113.53

140

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	143,088.00	150,240.00	157,752.00	165,636.00	173,916.00	182,616.00
MONTHLY	11,924.00	12,520.00	13,146.00	13,803.00	14,493.00	15,218.00
BI-WEEKLY	5,503.38	5,778.46	6,067.38	6,370.62	6,689.08	7,023.69
HOURLY	68.7923	72.2308	75.8423	79.6327	83.6135	87.7962
Lgy Bonus 20	298.10	313.00	328.65	345.08	362.33	380.45
Lgy Bonus 25	596.20	626.00	657.30	690.15	724.65	760.90
Lgy Bonus 30	894.30	939.00	985.95	1035.23	1086.98	1141.35

141 Assistant Public Works Director/City Engineer

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	146,664.00	153,996.00	161,700.00	169,788.00	178,272.00	187,188.00
MONTHLY	12,222.00	12,833.00	13,475.00	14,149.00	14,856.00	15,599.00
BI-WEEKLY	5,640.92	5,922.92	6,219.23	6,530.31	6,856.62	7,199.54
HOURLY	70.5115	74.0365	77.7404	81.6288	85.7077	89.9942
Lgy Bonus 20	305.55	320.83	336.88	353.73	371.40	389.98
Lgy Bonus 25	611.10	641.65	673.75	707.45	742.80	779.95
Lgy Bonus 30	916.65	962.48	1010.63	1061.18	1114.20	1169.93

142

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	150,336.00	157,848.00	165,744.00	174,036.00	182,736.00	191,868.00
MONTHLY	12,528.00	13,154.00	13,812.00	14,503.00	15,228.00	15,989.00
BI-WEEKLY	5,782.15	6,071.08	6,374.77	6,693.69	7,028.31	7,379.54
HOURLY	72.2769	75.8885	79.6846	83.6712	87.8538	92.2442
Lgy Bonus 20	313.20	328.85	345.30	362.58	380.70	399.73
Lgy Bonus 25	626.40	657.70	690.60	725.15	761.40	799.45
Lgy Bonus 30	939.60	986.55	1035.90	1087.73	1142.10	1199.18

143

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	154,092.00	161,796.00	169,884.00	178,380.00	187,296.00	196,656.00
MONTHLY	12,841.00	13,483.00	14,157.00	14,865.00	15,608.00	16,388.00
BI-WEEKLY	5,926.62	6,222.92	6,534.00	6,860.77	7,203.69	7,563.69
HOURLY	74.0827	77.7865	81.6750	85.7596	90.0462	94.5462
Lgy Bonus 20	321.03	337.08	353.93	371.63	390.20	409.70
Lgy Bonus 25	642.05	674.15	707.85	743.25	780.40	819.40
Lgy Bonus 30	963.08	1011.23	1061.78	1114.88	1170.60	1229.10

144

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	157,944.00	165,840.00	174,132.00	182,844.00	191,988.00	201,588.00
MONTHLY	13,162.00	13,820.00	14,511.00	15,237.00	15,999.00	16,799.00
BI-WEEKLY	6,074.77	6,378.46	6,697.38	7,032.46	7,384.15	7,753.38
HOURLY	75.9346	79.7308	83.7173	87.9058	92.3019	96.9173
Lgy Bonus 20	329.05	345.50	362.78	380.93	399.98	419.98
Lgy Bonus 25	658.10	691.00	725.55	761.85	799.95	839.95
Lgy Bonus 30	987.15	1036.50	1088.33	1142.78	1199.93	1259.93

145

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	161,892.00	169,992.00	178,488.00	187,416.00	196,788.00	206,628.00
MONTHLY	13,491.00	14,166.00	14,874.00	15,618.00	16,399.00	17,219.00
BI-WEEKLY	6,226.62	6,538.15	6,864.92	7,208.31	7,568.77	7,947.23
HOURLY	77.8327	81.7269	85.8115	90.1038	94.6096	99.3404
Lgy Bonus 20	337.28	354.15	371.85	390.45	409.98	430.48
Lgy Bonus 25	674.55	708.30	743.70	780.90	819.95	860.95
Lgy Bonus 30	1011.83	1062.45	1115.55	1171.35	1229.93	1291.43

146

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	165,936.00	174,228.00	182,940.00	192,084.00	201,684.00	211,764.00
MONTHLY	13,828.00	14,519.00	15,245.00	16,007.00	16,807.00	17,647.00
BI-WEEKLY	6,382.15	6,701.08	7,036.15	7,387.85	7,757.08	8,144.77
HOURLY	79.7769	83.7635	87.9519	92.3481	96.9635	101.8096
Lgy Bonus 20	345.70	362.98	381.13	400.18	420.18	441.18
Lgy Bonus 25	691.40	725.95	762.25	800.35	840.35	882.35
Lgy Bonus 30	1037.10	1088.93	1143.38	1200.53	1260.53	1323.53

147

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	170,088.00	178,596.00	187,524.00	196,896.00	206,736.00	217,068.00
MONTHLY	14,174.00	14,883.00	15,627.00	16,408.00	17,228.00	18,089.00
BI-WEEKLY	6,541.85	6,869.08	7,212.46	7,572.92	7,951.38	8,348.77
HOURLY	81.7731	85.8635	90.1558	94.6615	99.3923	104.3596
Lgy Bonus 20	354.35	372.08	390.68	410.20	430.70	452.23
Lgy Bonus 25	708.70	744.15	781.35	820.40	861.40	904.45
Lgy Bonus 30	1063.05	1116.23	1172.03	1230.60	1292.10	1356.68

148

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	174,336.00	183,048.00	192,204.00	201,816.00	211,908.00	222,504.00
MONTHLY	14,528.00	15,254.00	16,017.00	16,818.00	17,659.00	18,542.00
BI-WEEKLY	6,705.23	7,040.31	7,392.46	7,762.15	8,150.31	8,557.85
HOURLY	83.8154	88.0038	92.4058	97.0269	101.8788	106.9731
Lgy Bonus 20	363.20	381.35	400.43	420.45	441.48	463.55
Lgy Bonus 25	726.40	762.70	800.85	840.90	882.95	927.10
Lgy Bonus 30	1089.60	1144.05	1201.28	1261.35	1324.43	1390.65

149

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	178,692.00	187,632.00	197,016.00	206,868.00	217,212.00	228,072.00
MONTHLY	14,891.00	15,636.00	16,418.00	17,239.00	18,101.00	19,006.00
BI-WEEKLY	6,872.77	7,216.62	7,577.54	7,956.46	8,354.31	8,772.00
HOURLY	85.9096	90.2077	94.7192	99.4558	104.4288	109.6500
Lgy Bonus 20	372.28	390.90	410.45	430.98	452.53	475.15
Lgy Bonus 25	744.55	781.80	820.90	861.95	905.05	950.30
Lgy Bonus 30	1116.83	1172.70	1231.35	1292.93	1357.58	1425.45

150 Joint Powers Authority Accountant

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	156,000.00					
MONTHLY	13,000.00					
BI-WEEKLY	6,000.00					
HOURLY	75.0000					

200 Police Trainee

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	76,368.00	-	-	-	-	-
MONTHLY	6,364.00	-	-	-	-	-
BI-WEEKLY	2,937.23	-	-	-	-	-
HOURLY	36.7154	-	-	-	-	-

201 Police Officer

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	89,844.00	94,332.00	99,060.00	104,004.00	109,212.00	114,672.00
MONTHLY	7,487.00	7,861.00	8,255.00	8,667.00	9,101.00	9,556.00
BI-WEEKLY	3,455.54	3,628.15	3,810.00	4,000.15	4,200.46	4,410.46
HOURLY	43.1942	45.3519	47.6250	50.0019	52.5058	55.1308
EDUCATIONAL INCENTIVE BONUS						
AA	1,303.96	1,303.96	1,303.96	1,303.96	1,303.96	1,303.96
BA	1,819.96	1,819.96	1,819.96	1,819.96	1,819.96	1,819.96
SPECIALIST	637.58	637.58	637.58	637.58	637.58	637.58
Lgy Bonus 7	365.00	365.00	365.00	365.00	365.00	365.00
Lgy Bonus 12	520.00	520.00	520.00	520.00	520.00	520.00
Lgy Bonus 20	894.35	913.05	932.75	953.35	975.05	997.80
Lgy Bonus 26	1,268.70	1,306.10	1,345.50	1,386.70	1,430.10	1,475.60

203 Police Sergeant

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	114,828.00	120,564.00	126,588.00	132,924.00	139,572.00	146,556.00
MONTHLY	9,569.00	10,047.00	10,549.00	11,077.00	11,631.00	12,213.00
BI-WEEKLY	4,416.46	4,637.08	4,868.77	5,112.46	5,368.15	5,636.77
HOURLY	55.2058	57.9635	60.8596	63.9058	67.1019	70.4596
EDUCATIONAL INCENTIVE BONUS						
AA	1,612.53	1,612.53	1,612.53	1,612.53	1,612.53	1,612.53
BA	2,230.53	2,230.53	2,230.53	2,230.53	2,230.53	2,230.53
SPECIAL DUTY PAY	420.00	420.00	420.00	420.00	420.00	420.00
Lgy Bonus 7	326.00	326.00	326.00	326.00	326.00	326.00
Lgy Bonus 12	520.00	520.00	520.00	520.00	520.00	520.00
Lgy Bonus 20	998.45	1,022.35	1,047.45	1,073.85	1,101.55	1,130.65
Lgy Bonus 26	1,476.90	1,524.70	1,574.90	1,627.70	1,683.10	1,741.30

227 Police Lieutenant

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	154,104.00	161,808.00	169,896.00	178,392.00	187,308.00	196,668.00
MONTHLY	12,842.00	13,484.00	14,158.00	14,866.00	15,609.00	16,389.00
BI-WEEKLY	5,927.08	6,223.38	6,534.46	6,861.23	7,204.15	7,564.15
HOURLY	74.0885	77.7923	81.6808	85.7654	90.0519	94.5519
EDUCATIONAL INCENTIVE BONUS						
BA	1,766.44	1,837.84	1,912.84	1,991.56	2,074.24	2,161.00
CA POST Mgmt. Cert.	642.10	674.20	707.90	743.30	780.45	819.45
Lgy Bonus 20	642.10	674.20	707.90	743.30	780.45	819.45
Lgy Bonus 26	1,284.20	1,348.40	1,415.80	1,486.60	1,560.90	1,638.90

231 Police Captain

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	183,228.00	192,384.00	202,008.00	212,112.00	222,720.00	233,856.00
MONTHLY	15,269.00	16,032.00	16,834.00	17,676.00	18,560.00	19,488.00
BI-WEEKLY	7,047.23	7,399.38	7,769.54	8,158.15	8,566.15	8,994.46
HOURLY	88.0904	92.4923	97.1192	101.9769	107.0769	112.4308
EDUCATIONAL INCENTIVE BONUS						
BA	2,036.08	2,120.92	2,209.96	2,303.56	2,401.84	2,505.04
CA POST Mgmt. Cert.	763.45	801.60	841.70	883.80	928.00	974.40
Lgy Bonus 20	763.45	801.60	841.70	883.80	928.00	974.40
Lgy Bonus 26	1,526.90	1,603.20	1,683.40	1,767.60	1,856.00	1,948.80

232 Deputy Police Chief

STEP	*1*
ANNUAL	227,436.00
MONTHLY	18,953.00
BI-WEEKLY	8,747.54
HOURLY	109.3442
EDUCATIONAL INCENTIVE BONUS	
BA	2,474.36
CA POST Mgmt. Cert.	947.65
Lgy Bonus 20	947.65
Lgy Bonus 26	1,895.30

301 Mayor

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	11,400.00					
MONTHLY	950.00					
BI-WEEKLY	438.46					
HOURLY	5.4808					

302 Councilmember

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	7,800.00					
MONTHLY	650.00					
BI-WEEKLY	300.00					
HOURLY	3.7500					

303 City Clerk

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	12,000.00					
MONTHLY	1,000.00					
BI-WEEKLY	461.54					
HOURLY	5.7692					

304 City Treasurer

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	6,000.00					
MONTHLY	500.00					
BI-WEEKLY	230.77					
HOURLY	2.8846					

305 Youth Commissioner

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	300.00	-	-	-	-	-
MONTHLY	25.00	-	-	-	-	-
BI-WEEKLY	11.54	-	-	-	-	-
HOURLY	0.1442	-	-	-	-	-

306 Human Services Commissioner
306 Recreation Commissioner
306 Rent Mediation Board Member
306 Senior Citizens Commissioner

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	600.00	-	-	-	-	-
MONTHLY	50.00	-	-	-	-	-
BI-WEEKLY	23.08	-	-	-	-	-
HOURLY	0.2885	-	-	-	-	-

307

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	900.00	-	-	-	-	-
MONTHLY	75.00	-	-	-	-	-
BI-WEEKLY	34.62	-	-	-	-	-
HOURLY	0.4327	-	-	-	-	-

308 Planning Commissioner

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	1,200.00	-	-	-	-	-
MONTHLY	100.00	-	-	-	-	-
BI-WEEKLY	46.15	-	-	-	-	-
HOURLY	0.5769	-	-	-	-	-

330 Department Heads

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	169,272.00	177,732.00	186,624.00	195,960.00	205,764.00	216,048.00
MONTHLY	14,106.00	14,811.00	15,552.00	16,330.00	17,147.00	18,004.00
BI-WEEKLY	6,510.46	6,835.85	7,177.85	7,536.92	7,914.00	8,309.54
HOURLY	81.3808	85.4481	89.7231	94.2115	98.9250	103.8692
Lgy Bonus 20	352.65	370.28	388.80	408.25	428.68	450.10
Lgy Bonus 25	705.30	740.55	777.60	816.50	857.35	900.20
Lgy Bonus 30	1057.95	1110.83	1166.40	1224.75	1286.03	1350.30

339 Assistant City Manager

STEP	*1*	*2*	*3*	*4*	*5*	*6*
ANNUAL	185,808.00	195,096.00	204,852.00	215,100.00	225,852.00	237,144.00
MONTHLY	15,484.00	16,258.00	17,071.00	17,925.00	18,821.00	19,762.00
BI-WEEKLY	7,146.46	7,503.69	7,878.92	8,273.08	8,686.62	9,120.92
HOURLY	89.3308	93.7962	98.4865	103.4135	108.5827	114.0115

340 Police Chief

STEP	*1*
ANNUAL	268,779.96
MONTHLY	22,398.33
BI-WEEKLY	10,337.69
HOURLY	129.2211
Edu Incentive Pay	2,887.80
CA POST Mgmt. Cert.	2,239.83
Lgy Bonus 26	2,239.83

350 City Manager

STEP	*1*
ANNUAL	299,565.00
MONTHLY	24,963.75
BI-WEEKLY	11,521.73
HOURLY	144.0216

City of Gardena

Gardena City Council Meeting

AGENDA REPORT SUMMARY

Agenda Item No. 8.F
Section: CONSENT CALENDAR
Meeting Date: June 13, 2023

TO: THE HONORABLE MAYOR AND MEMBERS OF THE GARDENA CITY COUNCIL

AGENDA TITLE: Approval Annual Membership and Reserve Assessment Dues in the amount of $41,728.08 for Fiscal Year 2022-2023 for the City's Participation in the Interoperability Network of the South Bay Joint Powers Agreement
CONTACT: ADMINISTRATIVE SERVICES

COUNCIL ACTION REQUIRED:

RECOMMENDATION AND STAFF SUMMARY:

As per Resolution No. 6227, which in 2016 authorized a Joint Powers Agreement (JPA) to establish a Joint Powers Agency to create a Wide-Area Interoperable Public Safety Communications Network, called the Interoperability Network of the South Bay (INSB) and included (7) seven member cities Gardena, El Segundo, Hawthorne, Hermosa Beach, Manhattan Beach, Redondo Beach and Torrance. The JPA's primary operational goal is to maintain a regional, interoperable radio system to be shared by its members. As a member of this JPA the City of Gardena is subject to an annual membership and reserve assessment dues.

Staff recommends that the City Council approve the costs associated with the INSB JPA Membership Assessment for Fiscal Year 2022-2023 in the amount of $41,728.08.

FINANCIAL IMPACT/COST:
2022-2023-General Fund Expenditure in the amount of $41,728.08

ATTACHMENTS:
City of Gardena INSB Fiscal Year 22-2023.pdf

APPROVED:



_____
Clint Osorio, City Manager

CUSTOMER #	INVOICE #	BILLING DATE	DUE DATE	TOTAL DUE
19166	2023-00152470	04/14/2023	05/31/2023	$41,728.08

Description : INTEROPERABILITY NETWORK OF THE SOUTH BAY JPA
Type : Misc Billing

t/s CITY OF GARDENA
FINANCE DEPARTMENT
1700 W. 162ND ST.
GARDENA, CA 90247-3731

Mail to:
City of Torrance
Revenue Division
3031 Torrance Boulevard
Torrance, CA 90503

DETACH AND RETURN TOP PORTION WITH YOUR PAYMENT

KEEP THIS PORTION FOR YOUR RECORDS

t/s CITY OF GARDENA
FINANCE DEPARTMENT
1700 W. 162ND ST.
GARDENA, CA 90247-3731

Description: INTEROPERABILITY NETWORK OF THE SOUTH BAY JPA

Reference: INTEROPERABILITY NETWORK OF THE SOUTH BAY JPA (FY 2022-2023); MEMBERSHIP ASSESSMENT $16,438.34; SPECIAL ASSESSMENT $0.00; RESERVES ASSESSMENT $25,289.74

Description	Comments	Qty	Unit Price	Total Price
Fees		1	$41,728.0800	$41,728.08

CUSTOMER #	INVOICE #	BILLING DATE	DUE DATE	CHARGES
19166	2023-00152470	04/14/2023	05/31/2023	$41,728.08

Pay your bill online by visiting:
http://www.torranceca.gov/e-payments

Bill Type: Other Invoice
Customer Number: 19166
Invoice Number: 2023-00152470

City of Gardena

Gardena City Council Meeting

AGENDA REPORT SUMMARY

Agenda Item No. 8.G
Section: CONSENT CALENDAR
Meeting Date: June 13, 2023

TO: THE HONORABLE MAYOR AND MEMBERS OF THE GARDENA CITY COUNCIL

AGENDA TITLE: Approval for an Amendment to Blanket Purchase Order for Pinnacle Petroleum from $130,000 to $165,197 to purchase fuel for Fiscal Year 2022-2023
CONTACT: PUBLIC WORKS

COUNCIL ACTION REQUIRED:

RECOMMENDATION AND STAFF SUMMARY:
On July 26, 2022, City Council approved a blanket purchase order for Pinnacle Petroleum in the amount of $130,000 to purchase fuel for the Public Works Department fleet for Fiscal Year 2022-2023.

With the rise in fuel prices the department projected an increase in fuel cost and requested additional funding for the fuel cost allocation for FY 22.23 and FY 23.24 budgets.

The department has exceeded the original blanket purchase order request by $35,197. Therefore, we are requesting an amendment to the original amount on the blanket purchase order from $130,000 to $165,197 for Fiscal Year 2022-2023.

In addition to increased fuel prices, the fuel cost rose due to increased fuel usage for the Recreation and Human Services Department, as well as for the Police Department.

FINANCIAL IMPACT/COST:
General Fund - $35,197 for Fiscal Year 2022-2023

ATTACHMENTS:

APPROVED:



_____
Clint Osorio, City Manager

City of Gardena

Gardena City Council Meeting

AGENDA REPORT SUMMARY

Agenda Item No. 8.H
Section: CONSENT CALENDAR
Meeting Date: June 13, 2023

TO: THE HONORABLE MAYOR AND MEMBERS OF THE GARDENA CITY COUNCIL

AGENDA TITLE: South Bay Cities Council of Governments MOU Addendum
CONTACT: RECREATION AND HUMAN SERVICES

COUNCIL ACTION REQUIRED:

RECOMMENDATION AND STAFF SUMMARY:
Staff respectfully recommends that the City Council approve the Memorandum of Understanding effective July 1, 2023, by and between the South Bay Cities Council of Governments and the City of Gardena regarding the use of allocated funds from the County's Innovation Grant to implement the City's outreach project. The MOU amendment adds $100,000 of additional funding to be used through fiscal year 2023-2024 and extends the agreement to November 22, 2024.

FINANCIAL IMPACT/COST:
No Impact to General Fund

ATTACHMENTS:
Gardena SBCCOG MOU Addendum 5.31.23 (002).docx

APPROVED:



_____
Clint Osorio, City Manager

FIRST AMENDMENT TO MEMORANDUM OF UNDERSTANDING BY AND BETWEEN THE SOUTH BAY CITIES COUNCIL OF GOVERNMENTS AND THE CITY OF GARDENA REGARDING THE USE OF ALLOCATED COUNTY INNOVATION GRANT FUNDS TO IMPLEMENT THE CITY'S OUTREACH PROJECT

R E C I T A L S

A. The parties entered into a Memorandum of Understanding dated January 25, 2022 ("MOU") in order to implement the Gardena Outreach Coordinator project.

B. Because the County of Los Angeles has extended its funding agreement with the South Bay Cities Council of Governments, it is necessary to extend the term of the MOU so that the expiration dates of both agreements will align.

NOW, THEREFORE, in consideration of the foregoing, the parties agree as follows:

1. The Term and reporting requirements of the MOU are extended to and shall expire on November 22, 2024.

2. SBCCOG will be adding $100,000 of additional funding to extend the project through fiscal year 2023-2024. This funding is contingent upon Local Solutions funding between Los Angeles County and SBCCOG, and any remaining funding may be extended through the contract term.

3. In order to comply with the requirements set forth in the agreement between the County of Los Angeles and the South Bay Cities Council of Governments, the reporting requirements in the MOU are hereby modified to read as follows:

Reporting Requirements - Goals

- 12 participant caseload
- 4 participants referred to general shelter, safe parking, or other interim solution – per case manager
- 3 participants placed into permanent housing –
- Link eligible participants to behavioral health providers and develop a behavioral health plan with the providers
- Develop housing plan for participants on caseload

Reporting Requests

Additionally, The SBCCOG has provided Client Aid to many of our Case Managers. As part of the Client Aid process, the SBCCOG will attempt to gain a better understanding of the participant's situation. For example, when a Case Manager requests a motel stay, the SBCCOG will ask questions such as: why a shelter stay will not work; does the individual exhibit any acuities; does the individual have income for food/transportation, etc.. As such, the SBCCOG has created a list of fields we would like to track, please see below.

Requested fields

- Case manager name
- Individual's first name

- HMIS ID (if known)
- Date of birth and or Year of birth
- Race and Ethnicity; Gender
- City of residence (from provided LAHSA SPA 8 city list)
- Housing status (Shelter, Street, RV/Vehicle, Couch Surfing, etc..)
- Length of homelessness
- Length of time in current city
- If less than one year, previous location
- Other organizations they are working with
- If family or friends can offer housing
- Monthly income; Income type/types
- Work status
- Eviction history
- Approximate credit score (if known, 300 - 850)
- If open to shared housing/If open to shelter (congregate, non-congregate)
- Pets
- EHV/Housing Voucher status, if applicable
- Needed documents
- Self-Assessed Physical impairment
- Self-Assessed Mental health impairment
- Case manager observation: "Acknowledging inability to diagnose, may mental health or behavioral health impair individual's ability to meet their housing and/or stability goals?"
- Substance use; Frequency of use; Effect of substance use on goals
- History of domestic violence
- Current legal concerns, if any
- History of Megan's Law

The SBCCOG will work with the City to gather this information in a flexible and not burdensome manner.

This First Amendment to Memorandum of Understanding is executed and shall take effect as of July 1, 2023.

Gardena Project MOU Signees:

SOUTH BAY CITIES COUNCIL OF GOVERNMENTS

By:_____ Date:_____

John Cruikshank, SBCCOG Chair

ATTEST:

By:_____

Jacki Bacharach, Executive Director/Board Secretary

APPROVED AS TO FORM:

By:_____
Michael Jenkins, Legal Counsel

CITY OF GARDENA

By:_____ Date:_____
Tasha Cerda, Mayor

ATTEST:

By:_____
Mina Semenza, City Clerk

APPROVED AS TO FORM:

By:_____
Authorized Signer, City Attorney

City of Gardena

Gardena City Council Meeting

AGENDA REPORT SUMMARY

Agenda Item No. 8.I
Section: CONSENT CALENDAR
Meeting Date: June 13, 2023

TO: THE HONORABLE MAYOR AND MEMBERS OF THE GARDENA CITY COUNCIL

AGENDA TITLE: Ratify Administrative Approval of the Supportive Services Program Contract SSP232403

CONTACT: RECREATION AND HUMAN SERVICES

COUNCIL ACTION REQUIRED:

RECOMMENDATION AND STAFF SUMMARY:

Staff respectfully recommends that the City Council ratify administrative approval of the Supportive Services Program Contract No. SSP232403 between the City of Gardena and the County of Los Angeles' Aging and Disabilities Department. The Supportive Services Program includes case management, homemaker, personal care, and Alzheimer's day care services for the older and functionally impaired adult population in Gardena, Lawndale, Inglewood, and Hawthorne. This contract provides baseline funding for the Subaward Term of July 1, 2023 through June 30, 2024 in the amount of $106,874. The funding source is the Older Americans Act (OAA) Title IIIB.

FINANCIAL IMPACT/COST:

Baseline Funding Allocation for FY 2023-2024: $106,874

ATTACHMENTS:

FY 2023-24 SSP Allocation Letter (Baseline Funding) City of Gardena Revised 6.6.23.pdf

APPROVED:



_____

Clint Osorio, City Manager

LOS ANGELES COUNTY
Aging & Disabilities Department

BOARD OF SUPERVISORS
Hilda L. Solis
Holly J. Mitchell
Lindsey P. Horvath
Janice Hahn
Kathryn Barger

EXECUTIVE LEADERSHIP
Dr. Laura Trejo
Director
Lorenza C. Sánchez
Chief Deputy
Anna Avdalyan
Assistant Director

GET IN TOUCH
510 S. Vermont Avenue
Los Angeles, CA 90020
ad.lacounty.gov
info@ad.lacounty.gov

Aging & Adult Information & Assistance Line:
(800) 510-2020
Report Elder Abuse:
(877) 477-3646
Community & Senior Centers:
(800) 689-8514
Disability Information & Access Line:
(888) 677-1199

(Revised 6/6/2022)

May 18, 2023

City of Gardena
Attention: Ms. Tasha Cerda
1700 West 162nd Street
Gardena, CA 90247

FISCAL YEAR 2023-24 ORIGINAL BASELINE FUNDING ALLOCATION FOR SUPPORTIVE SERVICES PROGRAM

Dear Ms. Cerda:

The Board of Supervisors has approved County of Los Angeles Aging and Disabilities Department (County) to enter into a Supportive Services Program (SSP) Subaward with City of Gardena (Subrecipient). The Subaward information is outlined below:

- Purpose: Subrecipient shall utilize Older Americans Act (OAA) Title III B baseline funding to provide defined and contracted SSP Services during Fiscal Year (FY) 2023-24.
- Subaward Number: SSP232403
- Amendment Number: N/A
- Subaward Term: July 1, 2023 through June 30, 2024
- Total Funding Allocation: $106,874
- Period Funds Available for Use (subject to execution of Subaward): July 1, 2023 – June 30, 2024
- Service Area: Supervisorial District 2
- Funding Source(s) and Service Category(ies) are as follows:

Funding Source	Service Category	Unit Rate	Allocation Amount
OAA Title III B	Case Management	$40.00	$106,874 [1]
	Homemaker	$28.50	
	Personal Care	$29.00	
	In-Home Respite	$14.00	
	Alzheimer's Day Care	$76.00	
	Registry		
Subaward Sum Year 1 (SSY1)			**$106,874**

[1] **Complete one (1) budget and one (1) MPS for the Allocation Amount.**

If you have any questions, please contact Anthony Leoni of my staff by phone or e-mail as follows: (323) 382-7838 or aleoni@ad.lacounty.gov.

Thank you.

Carol Domingo

Carol Domingo, Program Manager
Contracts Management Division

PLANNING AND ENVIRONMENTAL QUALITY COMMISSION

Regular PEQC Meeting Notice and Agenda

Website: www.cityofgardena.org

Tuesday, June 6, 2023 – 7:00 PM

1700 W. 162nd Street, Gardena, California

REPORT OF ACTIONS

6. **OTHER MATTERS**

6.A **Discussion of Outdoor Dining Regulations**

The Planning Commission discussed regulations relating to Outdoor Dining for restaurant uses.

Staff Report (Outdoor Dining).pdf

Commission Action: The Planning Commission provided Planning Staff with direction on regulations relating to Outdoor Dining for restaurant uses.

City of Gardena

Gardena City Council Meeting

AGENDA REPORT SUMMARY

Agenda Item No. 12.A
Section: DEPARTMENTAL ITEMS - ADMINISTRATIVE SERVICES
Meeting Date: June 13, 2023

TO: THE HONORABLE MAYOR AND MEMBERS OF THE GARDENA CITY COUNCIL

AGENDA TITLE: Approval of the Contribution to the City's California Employers' Retirement Benefit Trust (CERBT) in the amount of $1,750,000 to be made before June 30, 2023 and Approval of the Budgeted Contribution to the City's CERBT for Fiscal Year 2023-2024 in the amount of $750,000 to be made before June 30, 2024

COUNCIL ACTION REQUIRED:

Staff Recommendation: Approval of the Contribution to the City's California Employers' Retirement Benefit Trust (CERBT) in the amount of $1,750,000 to be made before June 30, 2023 and Approval of the Budgeted Contribution to the City's CERBT for Fiscal Year 2023-2024 in the amount of $750,000 to be made before June 30, 2024

RECOMMENDATION AND STAFF SUMMARY:

During the July 25, 2017 City Council meeting, the City Council authorized staff to open and establish a CERBT with CalPERS for prefunding Other Post-Employment Benefits (OPEB) and approved the transfer of $1 million in funds reserved for OPEB from GTRANS to the CERBT. At the City Council Meeting on May 22, 2018 the City Council approved a transfer in the amount of $3,021,055 in funds reserved for OPEB from Gtrans to the CERBT . The City received approval at the May 28, 2019 City Council Meeting to transfer $150,000 of funds to the City's CERBT for OPEB. This program has performed better than expected, yielding a total return of 22.96% this is higher than the Local Agency Investment Fund (LAIF), which averaged 5.21% during the same time period. The CERBT currently has a balance of $5,075,000, of which $4,900,000 is reserved for Gtrans and $175,000 reserved for the City.

OPEB are benefits, that employers provide to their retired employees, other than pensions. OPEB liabilities arise from an employers commitment to contribute to retirees' healthcare insurance plans. The City currently has 237 retirees that receive OPEB which is projected to cost an estimated $3,800,000 in Fiscal Year 2022-2023.

The benefits of the CERBT program and additional contributions are higher-yielding investments, reduced unfunded liabilities, improved financial reporting outcomes, and the benefit of compounding investment growth. CERBT funds can be withdrawn at the City's discretion to pay the annual pay-as you-go retiree medical benefits if needed.

Staff recommends that the City Council approve the Contribution to the City's CERBT account

in the amount of $1,750,000 to be made before June 30, 2023 and approve the Budgeted Contribution to the City's CERBT for Fiscal Year 2023-2024 in the amount of $750,000 to be made before June 30, 2024. These recommendations were reviewed and approved at the Finance Committee meeting on March 28, 2023

FINANCIAL IMPACT/COST:

Net Financial Impact is zero, however the annual savings from these transactions is to be determined based on investment return in the CERBT

ATTACHMENTS:

June 13 2023 City Counncil Meeting - CERBT Transfers.pptx

APPROVED:



_____

Clint Osorio, City Manager

CITY OF GARDENA

Approval of Contribution to the California Employers' Retirement Benefit Trust (CERBT)

CITY COUNCIL MEETING
June 13, 2023

Overview

- The City started funding OPEB liability and established it's CERBT (California Employers' Retiree Benefit Trust) accounts, IRC Section 115 Trust Account, with CalPERS in July 2017.
  - As of 3/31/23, GTrans has $4.9M in asset with CERBT & the City has $175K

- The benefits of the CERBT program and additional contributions are higher –yielding investments, reduced unfunded liabilities, improved financial reporting outcomes, and the benefits of compounding investment growth.

- The City has a combined Net OPEB (Other Post-Employment Benefits) Unfunded Liability of $82.7M as of June 30, 2022.
  - $76.3M General Fund & $6.4M Enterprise Funds

CERBT Annual Investment Return

Periods Ended April 30, 2023

CERBT Investment Strategy	Assets	Fiscal Year To Date	3-Year Average	5-Year Average	10-Year Average
CERBT Strategy 1 (Inception June 1, 2007)	$14,476,835,707	4.97%	7.14%	5.10%	5.72%
CERBT Strategy 2 (Inception October 1, 2011)	$1,828,799,208	3.13%	4.24%	4.18%	4.59%
CERBT Strategy 3 (Inception January 1, 2012)	$787,556,753	1.86%	2.37%	3.50%	3.62%
CERBT Total	$17,093,191,668				

CalPERS

Investment Return Comparison

Periods Ended April 30, 2023

Investment Return Comparison	3-Month Treasury Bill	Local Agency Investment Fund (LAIF)	California Employers' Retirement Benefit Trust (CERBT)
Total Investment Return – July 2017 to March 2023	3.86%	5.21%	22.96%

Proposed Additional Contributions to CERBT

- The City currently has $1.75M in OPEB fund balance to be transferred to the City's CERBT by June 30, 2023
- In addition, the Proposed Amended FY 2023-24 Budget includes $750K in transfers to the City's CERBT by June 30, 2024
- For a total of $2.5 Million that is proposed to be transferred to the City's CERBT
- These recommendations were reviewed and approved at the Finance Committee on March 28, 2023
- Recommendation
  - **Staff recommends that the City Council approve the Contribution to the City's CERBT account in the amount of $1.75M to be made before June 30, 2023 and approve the Budgeted Contribution to the City's CERBT for Fiscal Year 2023-2024 in the amount of $750K to be made before June 30, 2024**

CITY OF GARDENA

Approval of Contribution to the California Employers' Retirement Benefit Trust (CERBT)

CITY COUNCIL MEETING
June 13, 2023

City of Gardena

Gardena City Council Meeting

AGENDA REPORT SUMMARY

Agenda Item No. 13.A
Section: DEPARTMENTAL ITEMS - COMMUNITY DEVELOPMENT
Meeting Date: June 13, 2023

TO: THE HONORABLE MAYOR AND MEMBERS OF THE GARDENA CITY COUNCIL

AGENDA TITLE: Consideration of a Contract Services Agreement between MDG Associates, Inc. and the City of Gardena for the consulting services of a 12- Month Pilot Commercial Façade Improvement Program beginning June 13, 2023, through June 30, 2024.

COUNCIL ACTION REQUIRED:

Staff Recommendation: Approve the Contract Services Agreement between MDG Associates, Inc. and the City of Gardena in the total amount of $60,000 for the consulting services of a 12-month pilot Commercial Façade Improvement Program, with a breakdown of $10,000 in FY 2022-23 and $50,000 in FY 2023-24.

RECOMMENDATION AND STAFF SUMMARY:

At the meeting held on March 14, 2023, the City Council approved $250,000 for the establishment of a 12-month pilot Commercial Façade Improvement Program along Rosecrans Avenue between Vermont Avenue and Crenshaw Boulevard.

MDG Associates, Inc. has 21 years of experience assisting cities in the day-to-day administration and implementation of their Commercial Rehabilitation programs. Should the City Council approve the contract services between MDG Associates and the City of Gardena, the final guideline will be prepared and returned for City Council's approval at the next City Council meeting on June 27, 2023.

FINANCIAL IMPACT/COST:

The total estimated cost of the contract with MDG Associates is $60,000 broken down as follows: $10,000 in FY2022-23 General Funds and $50,000 in FY 2023-24 General Funds.

ATTACHMENTS:

Staff Report - Facade Improvement Grant Consulting Services.pdf
CSA_MDG_Associates,Inc..pdf
Gardena-Gen Fund CRP Pilot - Final.pdf

APPROVED:



_____

Clint Osorio, City Manager

City of Gardena
City Council Meeting

AGENDA STAFF REPORT

AGENDA TITLE: APPROVAL OF THE CONTRACT SERVICES AGREEMENT BETWEEN MDG ASSOCIATES, INC. AND THE CITY OF GARDENA FOR THE CONSULTING SERVICES OF A PILOT COMMERCIAL FAÇADE IMPROVEMENT PROGRAM BEGINNING JUNE 13, 2023, THROUGH JUNE 30, 2024.

RECOMMENDATION:

Staff respectfully recommends that Council approve the Contract Services Agreement between MDG Associates, Inc. and the City of Gardena in the total amount of $60,000 for the consulting services of a 12-month pilot Commercial Façade Improvement Program, with a breakdown of $10,000 in FY 2022-23 and $50,000 in FY 2023-24.

BACKGROUND:

At the City Council Meeting held on March 14, 2023, City Council approved the establishment of a 12-month pilot Commercial Façade Improvement Program to provide financial assistance to eligible businesses to improve the facades and landscaping of commercial properties, buildings and structures along Rosecrans Avenue between Vermont Avenue and Crenshaw Boulevard.

DISCUSSION:

MDG Associates, Inc. specializes in implementing housing and commercial rehabilitation programs using various funding sources to improve neighborhood aesthetics and livability. MDG Associate has been assisting cities in the day-to-day administration and implementation of their Commercial Rehabilitation programs. During the past five years, MDG Associates have assisted nine cities with rehabilitating approximately 70 commercial buildings, including the surrounding South Bay Cities such as Carson, Hawthorne, and Lawndale.

MDG Associates proposes to assist in finalizing the guidelines, preparing the necessary documents by the end of June 2023, and implementing the program starting in July 2023. Should the City Council approve the contract services between MDG Associates and the City of Gardena, the final guideline will be prepared and returned for City Council's approval at the next City Council meeting on June 27, 2023.

CONCLUSION:

Staff respectfully recommends that Council approve the Contract Services Agreement between MDG Associates, Inc. and the City of Gardena in the total amount of $60,000 for the consulting services of a 12-month pilot Commercial Façade Improvement Program, with a breakdown of $10,000 in FY 2022-23 and $50,000 in FY 2023-24.

FISCAL IMPACT:

The total estimated cost of the contract with MDG Associates is $60,000 broken down as follows: $10,000 in FY2022-23 General Funds and $50,000 in FY 2023-24 General Funds.

Submitted by: Greg S. Tsujiuchi _____ Date: 6/13/2023

ATTACHMENTS

1. Contract Services Agreement with MDG Associates, Inc.
2. MDG Associates, Inc. Proposal for Commercial Façade Improvement Program.

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AGREEMENT BETWEEN THE
THE CITY OF GARDENA
AND
MDG ASSOCIATES, INC.

This contract, hereinafter referred to as Agreement is entered into this 13th day of June, 2023, by and between THE CITY OF GARDENA ("City") and MDG ASSOCIATES INC. ("Consultant"). Based on the mutual promises and covenants contained herein, the Parties hereto agree, as follows.

1. Recitals.

A. Whereas, City requires the services of a professional to provide consulting services for the administration and construction management of the City's 12-month Pilot Commercial Façade Improvement Program; and

B. Whereas, Consultant has represented that it is qualified by virtue of experience, training, education and expertise to provide these services; and

C. Whereas, City has determined that the public interest, convenience and necessity require the execution of this Agreement.

D. Whereas, no official or employee of City has a financial interest, within the provisions of sections 1090-1092 of the California Government Code, in the subject matter of this Agreement.

2. Services.

A. The services to be performed by Consultant shall consist of the following ("Services"): Administration and construction management of the City's 12-month Pilot Commercial Façade Improvement Program as more particularly specified in **Exhibit "A**", attached hereto and incorporated herein by reference, unless otherwise instructed by City.

B. The Services shall be performed in accordance with the Project Schedule set forth in **Exhibit A**. Consultant shall not be liable for any failure or delay in furnishing proposed Services resulting from fire, explosion, flood, storm, Act of God, governmental acts, orders or regulations, hostilities, civil disturbances, strikes, labor difficulties, difficulty in obtaining parts, supplies, or shipping facilities, inability to obtain or delays in obtaining suitable material or facilities required for performance, temporary unavailability of qualified personnel, failure by City to provide appropriate access to equipment or personnel, or other causes beyond Consultant's reasonable control.

3. Additional Services. If City determines that additional Services are required to be provided by Consultant in addition to the Services set forth above, City shall authorize

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Consultant to perform such additional Services in writing ("Additional Services"). Such Additional Services shall be specifically described and approved by City in writing prior to the performance thereof. Consultant shall be compensated for such Additional Services in accordance with the amount agreed upon in writing by the Parties. No compensation shall be paid to Consultant for Additional Services which are not specifically approved by City in writing.

4. Consultant's Proposal. This Agreement shall include Consultant's proposal or bid which is incorporated herein as **Exhibit A**. In the event of any inconsistency between the terms of the proposal and this Agreement, this Agreement shall govern.

5. Timing of Performance. Time is of the essence with respect to Consultant's performance of the Services required by this Agreement. Consultant shall diligently and timely pursue and complete the performance of the Services required of it by this Agreement as set forth in **Exhibit A.** City, in its sole discretion, may extend the time for performance of any Service.

6. Compensation. Compensation for the Services shall be billed as set forth in **Exhibit A**, attached hereto. The Compensation is inclusive of all costs that may be incurred by Consultant in performance of the Services, including but not limited to such items as travel, copies, delivery charges, phone charges, and facsimile charges, unless otherwise noted.

7. Term of Agreement/Termination. This Agreement shall commence on the Effective Date and continue for a period of one (1) year, ending on June 30th, 2024, unless previously terminated as provided herein or as otherwise agreed to in writing by the parties.

A. This Agreement shall be effective as of the date of execution by the City and shall remain in effect until all Services are completed or until terminated as provided for herein.

B. City may terminate this Agreement without cause by providing written notice to Consultant not less than ten days prior to an effective termination date. City's only obligation in the event of termination will be payment of fees and allowed expenses incurred up to and including the effective date of termination.

C. Unless for cause, Consultant may not terminate this Agreement. If Consultant is terminating this Agreement for cause, it must provide the City with thirty (30) days written notice.

D. Upon receipt of a termination notice, Consultant shall: (1) promptly discontinue all Services, unless the notice directs otherwise; and (2) within ten (10) days, deliver to City all files, data, reports, estimates, summaries, and such other information and materials as may have been accumulated or prepared to date by Consultant in performing the Services under this Agreement, whether completed or in progress.

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Consultant shall provide these documents by both hard copy and in electronic format if available. In the event of termination for other than cause attributable to Consultant, Consultant shall be entitled to reasonable compensation for the Services it performs up to the date of termination and shall be deemed released from liability for any work assigned but not completed as of the effective date of termination.

8. Agreement Administrator. For purposes of this Agreement, City designates Greg Tsujiuchi, Director of Community Development or designee as the Agreement Administrator who shall monitor Consultant's performance under this Agreement. Consultant shall be notified in writing of any deficiency in the performance of this Agreement in a timely manner by Agreement Administrator Consultant shall have five (5) business days from receipt of the notification to cure any deficiency to the reasonable satisfaction of the Agreement Administrator. All costs for such corrections shall be borne by Consultant and shall not increase Consultant's fees due hereunder. Should the Agreement Administrator determine that Consultant has not performed its obligation as stated in this Agreement in a satisfactory manner, City may terminate this Agreement for cause as specified in Section 7 Term of Agreement/Termination. All notices, invoices or other documents shall be addressed to the Agreement Administrator, as well as all substantive issues relating to this contract. City reserves the right to change this designation upon written notice to Consultant.

9. Invoices and Payments.

A. In order for payment to be made, Consultant's invoice must include an itemization as to the services rendered, date(s) of service, direct and/or subcontract costs, and be submitted on an official letterhead or invoice with Consultant's name, address, and telephone number referenced.

B. The Agreement Administrator shall review the invoices to determine whether services performed and documents submitted are consistent with this Agreement. Payment shall be made within forty-five (45) days following receipt of the invoice or the Agreement Administrator shall provide Consultant with a written statement objecting to the charges and stating the reasons therefore.

C. Payment by City under this Agreement shall not be deemed a waiver of defects, even if such defects were known to City at the time of payment.

10. Records/Audit.

A. Consultant shall be responsible for ensuring accuracy and propriety of all billings and shall maintain all supporting documentation for a minimum of three (3) years from the completion date of the Services under this agreement the following records:

1. All accounts and records, including personnel, property and financial, adequate to identify and account for all costs pertaining to this Agreement and assure proper accounting for all funds;

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2. Records which establish that Consultant and any subconsultant who renders Services under this Agreement are in full compliance with the requirements of this Agreement and all federal, state and local laws and regulations

3. Any additional records deemed necessary by City to assume verification of full compliance with this Agreement.

B. City shall have the right to audit Consultant's invoices and all supporting documentation for purposes of compliance with this Agreement for a period of three years following the completion of Services under this Agreement.

C. Upon reasonable notice from City or any other governmental agency, Consultant shall cooperate fully with any audit of its billings conducted by, or of, City and shall permit access to its books, records and accounts as may be necessary to conduct such audits.

11. Successors and Assignment. This Agreement covers professional services of a specific and unique nature. Except as otherwise provided herein, Consultant shall not assign or transfer its interest in this Agreement or subcontract any services to be performed without amending this Agreement. This Agreement shall be binding upon the heirs, executors, administrators, successors and assigns of the parties hereto.

12. Change in Name, Ownership or Control. Consultant shall notify the Agreement Administrator, in writing, of any change in name, ownership or control of Consultant's firm or subconsultant. Change of ownership or control of Consultant's firm may require an amendment to the Agreement.

13. Key Personnel. City has relied upon the professional training and ability of Consultant to perform the Services hereunder as a material inducement to enter into this Agreement. Consultant shall provide properly skilled professional and technical personnel to perform all Services under this Agreement. In the event that City, in its sole discretion, at any time during the Agreement, desires the removal of any person or persons assigned by Consultant to perform Services pursuant to this Agreement, Consultant shall remove any such person immediately upon receiving notice from City.

14. Performance By Consultant. Consultant shall maintain or exceed the level of competency presently maintained by other similar practitioners in the State of California, for professional and technical soundness, accuracy and adequacy of all work, advice and material furnished under this Agreement.

15. Use of Materials.

A. City shall make available to Consultant such materials from its files as may be required by Consultant to perform Services under this Agreement. Such materials shall remain the property of City while in Consultant's possession. Upon termination of this

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Agreement and payment of outstanding invoices of Consultant, or completion of work under this Agreement, Consultant shall return to City any property of City in its possession and any calculations, notes, reports, electronic files, or other materials prepared by Consultant in the course of performance of this Agreement.

B. City may utilize any material prepared or work performed by Consultant pursuant to this Agreement, including computer software, in any manner, which City deems proper without additional compensation to Consultant. Consultant shall have no responsibility or liability for any revisions, changes, or corrections made by City, or any use or reuse pursuant to this paragraph unless Consultant accepts such responsibility in writing.

16. Nonuse of Intellectual Property of Third Parties. Consultant shall not use, disclose or copy any intellectual property of any third parties in connection with work carried out under this Agreement, except for intellectual property for which Consultant has a license. Consultant shall indemnify and hold City harmless against all claims raised against City based upon allegations that Consultant has wrongfully used intellectual property of others in performing work for City, or that City has wrongfully used intellectual property developed by Consultant pursuant to this Agreement.

17. Ownership of Work Product. Consultant will be providing certain proprietary documents, materials, written program guidelines, policies and procedures, program implementation forms, and a web-based grants management system, (collectively the "Materials") for use by the CITY pursuant to this Agreement. The ownership of all of the Materials shall remain exclusively with Consultant provided, however, that the CITY shall have the right to use the Materials during the term of this Agreement and after the expiration or termination of this Agreement. Nothing herein shall grant the CITY any right, title, or interest in Consultant's protected Materials, other than as provided herein. At no time during or after the term of this Agreement shall CITY challenge or assist others to challenge the registration thereof or attempt to register any materials that would infringe upon those of Consultant. If requested to do so, and when provided a copy of relevant federal copyright or trademark registration(s), the CITY agrees to legibly and durably affix to such Materials, notices in compliance with applicable copyright and trademark laws, including but not limited to the use of the symbol "©" or similar symbols. The CITY shall use reasonable efforts to notify Consultant in writing of any actual or potential infringement of the Materials of which the CITY becomes aware. Any new use, modification, or enhancement of the Materials or any variation thereof by Consultant, shall belong exclusively to Consultant.

18. Confidentiality Clause. Consultant acknowledges that some of the material and information that may come into its possession or knowledge in connection with this Agreement or its performance may consist of information that is exempt from disclosure to the public or other unauthorized persons under either state or federal statutes ("Confidential Information"). Confidential Information includes, but is not limited to, names, addresses, Social Security numbers, e-mail addresses, telephone numbers, financial profiles, credit card information, driver's license numbers, medical data, law

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enforcement records, agency source code or object code, agency security data, or information identifiable to an individual that relates to any of these types of information. Consultant agrees to hold Confidential Information in strictest confidence and not to make use of Confidential Information for any purpose other than the performance of this Agreement, to release it only to authorized employees or Sub-consultants requiring such information for the purposes of carrying out this Agreement, and not to release, divulge, publish, transfer, sell, disclose, or otherwise make the information known to any other party without City's express written consent or as provided by law. Consultant agrees to release such information or material only to employees or Sub-consultants who have signed a nondisclosure agreement, the terms of which have been previously approved by City. Consultant agrees to implement physical, electronic, and managerial safeguards to prevent unauthorized access to Confidential Information.

"Personal information" including, but not limited to, "Protected Health Information" (PHI) under Health Insurance Portability And Accountability Act (HIPAA), individuals' names, addresses, phone numbers, birth dates, and social security numbers collected, used, or acquired in connection with this Agreement shall be protected against unauthorized use, disclosure, modification or loss.

HIPAA establishes national minimum standards for the use and disclosure of certain health information. The Consultant must comply with all HIPAA requirements and rules when determined applicable by the City. If City determines that (1) City is a "covered entity" under HIPAA, and that (2) Consultant will perform "business associate" services and activities covered under HIPAA, then at City's request, Consultant agrees to execute City's Agreement in compliance with HIPAA.

Consultant shall ensure its directors, officers, employees, Sub-consultants or agents use personal information solely for the purposes of accomplishing the services set forth herein. Consultant and its Sub-consultants agree not to release, divulge, publish, transfer, sell or otherwise make known to unauthorized persons personal information without the express written consent of the City or as otherwise required by law.

Any breach of this provision may result in termination of the Agreement and demand for return of all personal information. Moreover, Consultant will indemnify and hold the City harmless from and against all losses and damages resulting from any unauthorized or improper disclosure, dissemination or use of the information as a result, in whole or in part, of Consultant’s action or inaction.

19. Legal Requirements.

A. Consultant shall secure and maintain all licenses or permits required by law, including a City business license, and shall comply with all ordinances, laws, orders, rules, and regulations pertaining to the work.

B. Consultant warrants that it shall perform the Services required by this Agreement in compliance with all applicable Federal and California employment laws,

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including, but not limited to, those laws related to minimum hours and wages; occupational health and safety; fair employment and employment practices; workers' compensation insurance and safety in employment; and all other Federal, State and local laws and ordinances applicable to the services required under this Agreement. Consultant shall indemnify and hold harmless City from and against all claims, demands, payments, suits, actions, proceedings, and judgments of every nature and description including attorneys' fees and costs, presented, brought, or recovered against City for, or on account of any liability under any of the above-mentioned laws, which may be incurred by reason of Consultant's performance under this Agreement.

C. Consultant covenants that there shall be no discrimination based upon race, color, creed, religion, sex, marital status, age, handicap, national origin or ancestry, or any other category forbidden by law in performance of this Agreement.

20. Conflict of Interest and Reporting.

A. Consultant shall at all times avoid conflicts of interest or the appearance of a conflict of interest in the performance of this Agreement. If required, Consultant shall comply with the City's Conflict of Interest reporting requirements. Consultant understands that pursuant to Gardena Municipal Code sections 2.24.020H and 2.24.025G, it is forbidden to make any contribution to a candidate or committee of a candidate for a municipal office of the City, or to an officeholder, until the completion of Services to be performed under this Agreement.

B. Consultant and its representatives shall refrain from lobbying City of Gardena officials, employees and representatives for the duration of this Agreement.

21. Guarantee and Warranty. Consultant warrants to City that the material, analysis, data, programs and Services to be delivered or rendered hereunder will be of the kind and quality designated and will be performed by qualified personnel. Without waiver of City's other rights or remedies, City may require Consultant to re-perform any of said Services, which were not performed in accordance with these standards. Consultant shall perform the remedial Services at its sole expense.

22. Insurance.

A. Commencement of Work. Consultant shall not commence work under this Agreement until it has obtained City approved insurance. Before beginning work hereunder, during the entire period of this Agreement, for any extensions hereto, and for periods after the end of this Agreement as may be indicated below, Consultant must have and maintain in place all of the insurance coverage required in this Section. Consultant's insurance shall comply with all items specified by this Agreement. Any subcontractors shall be subject to all of the requirements of this Section and Consultant shall be responsible to obtain evidence of insurance from each subcontractor and provide it to City before the subcontractor commences work. Alternatively, Consultant's insurance may cover all subcontractors.

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B. Insurance Company Requirements. All insurance policies used to satisfy the requirements imposed hereunder shall be issued by insurers admitted to do business in the State of California. Insurers shall have a current Best's rating of not less than A-:VII, unless otherwise approved by City.

C. Coverage, Limits and Policy Requirements. Consultant shall maintain the types of coverage and limits indicated below:

1. Commercial General Liability Insurance - a policy for occurrence coverage for bodily injury, personal injury and property damage, including all coverage provided by and to the extent afforded by Insurance Services Office Form CG 2010 ed. 10/93 or 11/85, with no special limitations affecting City. The limit for all coverage under this policy shall be no less than one million dollars ($1,000,000.00) per occurrence.

2. Commercial Auto Liability Insurance - a policy including all coverage provided by and to the extent afforded by Insurance Services Office form CA 0001, ed. 12/93, including Symbol 1 (any auto) with no special limitations affecting City. The limit for bodily injury and property damage liability shall be no less than one million dollars ($1,000,000.00) per accident.

3. Policy Requirements. The policies set forth above shall comply with the following, as evidenced by the policies or endorsements to the policies:

a. The City, its appointed and elected officers, employees, agents and volunteers shall be added as additional insured to the policy.

b. The insurer shall agree to provide City with thirty (30) days prior written notice, return receipt requested, of any cancellation, non-renewal or material change in coverage.

c. For any claims with respect to the Services covered by this Agreement, Consultant's insurance coverage shall be primary insurance as respects the City, its elected and appointed officers, employees, agents and volunteers. Any insurance or self-insurance maintained by the City, its elected and appointed officers, employees, agents and volunteers shall be excess of Consultant's insurance and shall not contribute with it.

4. Worker's Compensation and Employer's Liability Insurance - a policy which meets all statutory benefit requirements of the Labor Code, or other applicable law, of the State of California. The minimum coverage limits for said insurance shall be no less than one million dollars per claim. The policy shall be issued by an insurance company which is admitted to do business in the State of California and shall contain a clause that the policy may not be canceled without thirty (30) days prior written notice, return receipt requested, is mailed to City.

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5. Professional Errors & Omissions - a policy with minimum limits of one million dollars ($1,000,000.00) per claim and aggregate. This policy shall be issued by an insurance company which is admitted to do business in the State of California and shall contain a clause that the policy may not be canceled until thirty (30) days written notice, return receipt requested, is mailed to City.

D. Additional Requirements. The procuring of such required policies of insurance shall not be construed to limit Consultant's liability hereunder or to fulfill the indemnification provisions and requirements of this Agreement. There shall be no recourse against City for payment of premiums or other amounts with respect thereto. City shall notify Consultant in writing of changes in the insurance requirements. If Consultant does not deposit copies of acceptable insurance policies or endorsements with City incorporating such changes within sixty (60) days of receipt of such notice, Consultant shall be deemed in default hereunder.

E. Deductibles. Any deductible or self-insured retention over $25,000 per occurrence must be declared to and approved by City. Any deductible exceeding an amount acceptable to City shall be subject to the following changes: either the insurer shall eliminate or reduce such deductibles or self-insured retentions with respect to City, its officers, employees, agents and volunteers (with additional premium, if any, to be paid by Consultant); or Consultant shall provide satisfactory financial guarantee for payment of losses and related investigations, claim administration and defense expenses.

F. Verification of Compliance. Consultant shall furnish City with original policies or certificates and endorsements effecting coverage required by this Agreement. The endorsements are to be signed by a person authorized by the insurer to bind coverage on its behalf. All endorsements are to be received and approved by City before work commences. Not less than fifteen (15) days prior to the expiration date of any policy of insurance required by this Agreement, Consultant shall deliver to City a binder or certificate of insurance with respect to each renewal policy, bearing a notation evidencing payment of the premium therefore, or accompanied by other proof of payment satisfactory to City. Consultant shall provide full copies of any requested policies to City within three (3) days of any such request by City.

G. Termination for Lack of Required Coverage. If Consultant, for any reason, fails to have in place, at all times during the term of this Agreement, including any extension hereto, all required insurance and coverage, City may immediately obtain such coverage at Consultant's expense and/or terminate this Agreement.

23. Indemnity.

A. Consultant assumes all risk of injury to its employees, agents, and contractors, including loss or damage to property.

B. Consultant agrees to defend, indemnify, hold free and harmless the City, its elected officials, officers, agents, employees and volunteers, at Consultant's sole

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expense, from and against any and all claims, actions, suits or other legal proceedings brought against the City, its elected officials, officers, agents, employees and volunteers arising out of the performance of the Consultant, its employees, and/or authorized subcontractors, of the work undertaken pursuant to this Agreement. The defense obligation provided for hereunder shall apply without any advance showing of negligence or wrongdoing by the Consultant, its employees, and/or authorized subcontractors, but shall be required whenever any claim, action, complaint, or suit asserts as its basis the negligence, errors, omissions or misconduct of the Consultant, its employees, and/or authorized subcontractors, and/or whenever any claim, action, complaint or suit asserts liability against the City, its elected officials, officers, agents, employees and volunteers based upon the work performed by the Consultant, its employees, and/or authorized subcontractors under this Agreement, whether or not the Consultant, its employees, and/or authorized subcontractors are specifically named or otherwise asserted to be liable. Notwithstanding the foregoing, the Consultant shall not be liable for the defense or indemnification of the City for claims, actions, complaints or suits arising out of the sole negligence or willful misconduct of the City. This provision shall supersede and replace all other indemnity provisions contained either in the City's specifications or Consultant's Proposal, which shall be of no force and effect.

C. No official, employee, agent or volunteer of City shall be personally liable for any default or liability under this Agreement.

24. Independent Contractor. Consultant agrees to furnish consulting services in the capacity of an independent contractor and neither Consultant nor any of its employees shall be considered to be an employee or agent of City.

25. PERS Eligibility Indemnification. In the event that Consultant or any employee, agent, or subcontractor of Consultant providing Services under this Agreement claims or is determined by a court of competent jurisdiction or the California Public Employees Retirement System (PERS) to be eligible for enrollment in PERS as an employee of the City, Consultant shall indemnify, defend, and hold harmless City for the payment of any employee and/or employer contributions for PERS benefits on behalf of Consultant or its employees, agents, or subcontractors, as well as for the payment of any penalties and interest on such contributions, which would otherwise be the responsibility of City.

Notwithstanding any other agency, state or federal policy, rule, regulation, law or ordinance to the contrary, Consultant and any of its employees, agents, and subcontractors providing service under this Agreement shall not qualify for or become entitled to, and hereby agree to waive any claims to, any compensation, benefit, or any incident of employment by City, including but not limited to eligibility to enroll in PERS as an employee of City and entitlement to any contribution to be paid by City for employer contribution and/or employee contributions for PERS benefits.

26. Notices. Any notice or communication given under this Agreement shall be effective when deposited, postage prepaid, with the United States Postal Service and addressed to the contracting parties. Name, address, telephone and facsimile numbers

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of the parties are as follows:

City of Gardena:
1700 West 162nd Street
Gardena, California 90247-3732
Attn: Greg Tsujiuchi
Title: Director of Community Development
Email: gtsujiuchi@cityofgardena.org
Telephone: (310) 217-9526

To Consultant:
MDG Associates, Inc.
10722 Arrow Route, Suite 822
Rancho Cucamonga, CA 91730
Attn: Rudy E Munoz, President
Email: munoz@mdg-ldm.com
Telephone: (909) 476-9696

Either party may change the information to which notice or communication is to be sent by providing advance written notice to the other party.

27. Severability. If any provision of this Agreement shall be held illegal, invalid, or unenforceable, in whole or in part, such provision shall be modified to the minimum extent necessary to make it legal, valid, and enforceable, and the legality, validity, and enforceability of the remaining provisions shall not be affected thereby.

28. Jurisdiction and Venue. This Agreement shall be deemed a contract under the laws of the State of California and for all purposes shall be interpreted in accordance with such laws. Both parties hereby agree and consent to the exclusive jurisdiction of the courts of the State of California and that the venue of any action brought hereunder shall be Los Angeles County, California.

29. Waiver. No delay or failure by either Party to exercise or enforce at any time any right or provision of this Agreement shall be considered a waiver thereof or of such Party's right thereafter to exercise or enforce each and every right and provision of this Agreement. To be valid a waiver shall be in writing but need not be supported by consideration. No single waiver shall constitute a continuing or subsequent waiver.

30. Entire Agreement. This Agreement contains the entire understanding between City and Consultant. Any prior agreement, promises, negotiations or representations not expressly set forth herein are of no force or effect. Subsequent modifications to this Agreement shall be effective only if in writing and signed by both parties. This Agreement may be signed by the parties hereto in separate counterparts, including both counterparts that are executed on paper and counterparts that are in the form of electronic signatures. Electronic signatures include facsimile or email electronic signatures. Each executed counterpart shall be deemed an original. All counterparts, taken together, constitute the

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executed Agreement. If any term, condition or covenant of this Agreement is held by a court of competent jurisdiction to be invalid, void or unenforceable, the remaining provisions of this Agreement shall be valid and binding.

31. The parties hereby acknowledge and agree that electronic records and electronic signatures, as well as facsimile signatures, used in connection with the execution of this Agreement and electronic signatures, facsimile signatures or signatures transmitted by electronic mail in so-called pdf format shall be legal and binding and shall have the same full force and effect as if a paper original of this Agreement had been delivered and had been signed using a handwritten signature. City and Consultant (i) agree that an electronic signature, whether digital or encrypted, of a party to this Agreement is intended to authenticate this writing and to have the same force and effect as a manual signature, (ii) intend to be bound by the signatures (whether original, faxed or electronic) on any document sent or delivered by facsimile or, electronic mail, or other electronic means, (iii) are aware that the other party will reply on such signatures, and (iv) hereby waive any defenses to the enforcement of the terms of this Agreement based on the foregoing forms of signature. If this Agreement has been executed by electronic signature, all parties executing this document are expressly consenting under the United States Federal Electronic Signatures in Global and National Commerce Act of 2000 ("E-SIGN") and California Uniform Electronic Transactions Act ("UETA")(Cal. Civ. Code § 1633.1, et seq.), that a signature by fax, email or other electronic means shall constitute an Electronic Signature to an Electronic Record under both E-SIGN and UETA with respect to this specific transaction.

32. Joint Drafting. Each party acknowledges that it has had an adequate opportunity to review each and every provision in this Agreement and to submit the same to counsel and other consultants for review and comment and that the parties jointly drafted this Agreement. No provision of this Agreement or any Assignment shall be construed more strictly against one party than the other party by reason that one or the other party proposed, drafted or modified such provision or any other existing or proposed provision.

33. Governing Law. This Agreement shall be interpreted and construed according to the laws of the State of California. Any action commenced about this Agreement shall be filed in the appropriate branch of the Los Angeles County Municipal or Superior Court.

34. Public Records Act Disclosure. Consultant has been advised and is aware that this Agreement and all reports, documents, information and data, including, but not limited to, computer tapes, discs or files furnished or prepared by Consultant, or any of its subcontractors, pursuant to this Agreement and provided to City may be subject to public disclosure as required by the California Public Records Act (California Government Code section 7920.000 *et seq*.). Exceptions to public disclosure may be those documents or information that qualify as trade secrets, as that term is defined in the Public Records Act , and of which Consultant informs City of such trade secret. The City will endeavor to maintain as confidential all information obtained by it that is designated as a trade secret. The City shall not, in any way, be liable or responsible for the disclosure of any trade secret including, without limitation, those records so marked if disclosure is deemed to be

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required by law or by order of the Court.

35. Authority to Execute. The persons executing this Agreement on behalf of the parties warrant that they are duly authorized to execute this Agreement.

36. Attorney's Fees. In the event that legal action is necessary to enforce the provisions of this Agreement, or to declare the rights of the parties hereunder, the parties agree that the prevailing party in the legal action shall be entitled to recover attorney's fees and court costs from the opposing party.

37. Section Headings. The Section headings used in this Agreement are for reference purposes only and shall have no binding effect.

38. Counterparts. This Agreement may be executed in one or more counterparts, each of which shall be deemed an original. All counterparts shall be construed together and shall constitute one agreement.

IN WITNESS WHEREOF, the parties have hereunto affixed their names as of the day and year written below.

"City"
City of Gardena

By: _____
Tasha Cerda, Mayor

Date: _____

"Consultant"
MDG Associates, Inc

By: _____
Rudy E. Munoz, President

Date: _____

By: _____
Guadalupe R. Munoz, CFO

Date: _____

ATTEST:

_____
Mina Semenza, City Clerk

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APPROVED AS TO FORM:

Carmen Vasquez

Carmen Vasquez, City Attorney

May 12, 2023

City of Gardena
Attn: Greg Tsujiuchi, Director of Community Development
1700 West 162nd Street
Gardena, CA 90247

Subject: Proposal for Inspection and Construction Management Services
Commercial Façade Improvement Program

Dear Mr. Tsujiuchi:

MDG Associates, Inc. (MDG) is pleased to submit a proposal to provide consulting services for the administration and construction management of the City's Commercial Façade Improvement Program using General Funds. MDG has been providing high-quality community development consulting services to municipal agencies and private clients for over 32 years. MDG specializes in the implementation of housing and commercial rehabilitation programs using a variety of funding sources to improve neighborhood aesthetics and livability. In addition to housing and commercial rehabilitation administration and construction management services, MDG provides grants management services with an emphasis on the U.S. Department of Housing and Urban Development (HUD) Community Planning and Development (CPD) funded programs. Our staff is also well versed in the administration and implementation of homebuyer assistance programs, labor compliance monitoring, and project management services.

Our consulting team is made up of highly qualified professional staff with decades of experience implementing housing and commercial rehabilitation programs. This includes development of program guidelines and implementation procedures, inspections, work specifications, competitive bidding, construction management, and labor compliance oversight.

You may contact me at the following address, telephone number, or e-mail should you have any questions regarding this proposal:

MDG Associates, Inc.
Attn: Rudy E. Muñoz, President
10722 Arrow Route, Suite 822
Rancho Cucamonga, CA 91730
(909) 476-9696
rmunoz@mdg-ldm.com

Should you have any questions regarding this proposal, please do not hesitate to contact me at the following address, telephone number or e-mail:

Respectfully Submitted,

Rudy E. Muñoz
President

Enclosure: Proposal

EXECUTIVE SUMMARY

MDG Associates, Inc. (MDG) provides a wide variety of Community Development consulting services including, but not limited to: grants management; administration of housing and commercial rehabilitation programs; labor compliance monitoring; administration of other housing programs; and project management services.

The firm is comprised of individuals with a wide variety of expertise including the services specifically requested by the City. Twenty-four (24) of the 36 staff members are experienced in the administration of the U.S. Department of Housing and Urban Development (HUD) Community Planning and Development (CPD) grant programs including the Community Development Block Grant (CDBG) Program, HOME Investment Partnerships (HOME), Emergency Solutions Grant (ESG), Community Development Block Grant-Disaster Recovery (CDBG-DR), as well as State of California funded programs such as the State HOME and CalHome Programs. In addition, eight (8) staff members are experienced in the administration and implementation of housing and commercial rehabilitation programs.

MDG currently provides day-to-day administration and implementation services to 26 cities and three (3) counties that receive funds from the HUD's CPD programs. Our services include the day-to-day administration and implementation of their CDBG, HOME Investment Partnerships Grants (HOME), and Emergency Solutions Grant (ESG). We also administer one-time Federal HUD and U.S. Treasury grant funds such as Community Development Block Grant-Disaster Recovery (CDBG-DR), Community Development Block Grant - CARES Act (CDBG-CV), HOME American Rescue Plan (ARP), and U.S. Treasury American Rescue Plan (ARP) funds.

Several of the MDG staff works with HUD Headquarters, provide training throughout the country in the areas of CDBG, Assessment to Fair Housing, and Disaster Recovery Grant Reporting to name a few. Other services that our staff provides to HUD includes staffing the HUD Ask a Question (AAQ) web portal in many of the grant programs lilsted above. Also, our staff provides technical assistance (TA) to high-risk grant recipients throughout the country on behalf of HUD in many of the programs listed above.

In the area housing rehabilitation administration and implementation, we currently work with 18 cities throughout Southern California. During the prior year, the firm processed and completed the rehabilitation of approximately 350 residential single-family dwellings and mobile homes. The funding sources utilized for the implementation of the rehabilitation programs included CDBG, HOME, and CalHome funds.

MDG proposes to provide services to the City of Gardena primarily from our offices, with meetings and inspections taking place in-person in the City of Gardena. We anticipate becoming an extension of City staff and would provide scheduling to meet the demands of the programs and the needs of the City. We implement a team approach for the administration of the programs. This approach allows us to control costs to the City by having lower-level staff complete tasks that do not require a senior level staff member to complete. This team approach also allows us to assign individuals with expertise in certain areas to complete specific tasks.

MDG will provide advice and strategies to assist the City in achieving its housing and community development goals in compliance with HUD regulations and requirements.

DESCRIPTION OF FIRM

MDG Associates, Inc. (MDG) was established in 1991 and has undergone steady growth since its inception. MDG is a corporation registered in the State of California. MDG is a registered Minority Business Enterprise (MBE) and a Small Business (SB) with the State of California. In response to our clients' needs, MDG provides a wide variety of Community Development consulting services including, but not limited to grants management; administration and implementation of housing and commercial rehabilitation programs; labor compliance monitoring; administration of other housing programs; and project management services.

MDG is comprised of individuals with a wide variety of expertise including the services requested by the City. Currently, MDG has 42 staff members. Twenty-four (24) of the members are knowledgeable and experienced in the administration of HUD CPD Programs such as CDBG, HOME, and ESG as well as one-time grants such as CDBG-CV, ESG-CV and HOME-ARP. MDG has eight (8) staff members that are knowledgeable and experienced in the implementation of housing and commercial rehabilitation programs utilizing the funding sources mentioned above, including Davis-Bacon Act requirements.

Our staff works with HUD Headquarters to provide training to grantees throughout the country in the areas of "Basically CDBG," Assessment of Fair Housing (AFH), Disaster Recovery Grant Reporting (DRGR), eCon Planning Suite, CPD Maps, and the Integrated Disbursement Information System (IDIS). Our staff currently assists grantees through HUDs Ask a Question (AAQ) portal in the areas of CDBG, HOME, and DRGR. In addition, our staff is regularly tasked by HUD Headquarters to provide technical assistance (TA) to high-risk grantees throughout the country.

MDG provides administrative and management services to cities that are seeking a consultant that can act as an extension of their staff and look after the best interests of the City.

The table in the following page represents the prior experience performing similar services for municipalities.

Public Agencies Provided Services in Last 5 Years with Most Recent within Last 2 Years.

Client	Con Plan/ AI/CPP	CDBG HOME Grant Mgmt..	CDBG/ HOME TA	Housing/ Comm. Rehab. Admin.	Housing/ Comm. Rehab. TA	CARES Act or CDBG-CV TA	Davis-Bacon Monitoring / Section 3	Disaster Recovery (CDBG-DR)	Misc. HUD Programs TA
Services Provided in Last 2 Years									
Apple Valley, CA	X	X		X		X	X		
Azusa, CA							X		
Baldwin Park, CA	X		X						
Carson, CA			X	X		X			
Commerce, CA		X		X					
Commonwealth of Puerto Rico			X*		X			X	
Corona, CA	X	X		X		X	X		
County of Allegheny, PA			X						
County of Henrico, VA			X*						X*
County of Imperial, CA									X
County of Los Angeles, CA			X						X
County of Orange, CA						X			
County of San Bernardino, CA			X						X
Dallas, TX			X		X				
Downey, CA	X	X		X		X			X
Duarte, CA		X					X		
Fontana, CA	X	X		X		X	X		
Fresno, CA			X		X				
Hawthorne, CA	X	X		X		X	X		
Hesperia, CA	X	X		X		X	X		X
Irvine, CA	X	X		X		X	X		X
La Cañada Flintridge, CA		X		X					X
La Habra, CA	X		X	X		X			
Los Angeles, CA			X						X
New York City						X			
Palmdale, CA	X	X		X		X	X		X
Paramount, CA	X	X		X		X	X		X
Rancho Cucamonga, CA	X	X		X		X			X
San Dimas, CA		X		X					
San Juan, PR			X*		X*				
Santa Ana, CA	X		X			X			X
Seattle, WA			X*						X*
State of California			X			X		X	
State of Iowa			X*		X*	X*			
State of New Mexico			X						X
State of North Dakota			X*		X*				
Temecula, CA	X	X			X	X	X		
Tucson, AZ			X*						X*
Upland, CA	X	X		X		X	X		X
Walnut, CA		X		X			X		
Services Provided in Last 5 Years									
Albuquerque, NM	X		X		X				
Arecibo, PR			X*		X*				
County of Harris, TX								X	
County of Santa Barbara, CA		X							X
Detroit, MI			X*		X*				
Houston, TX								X	
Kansas City, KS			X*						
County of Riverside, CA	X								
Simi Valley, CA			X*		X*				X*
State of Utah			X*						X*
Tulsa, OK			X*						X*

***Conducted on behalf of HUD**

FIRM EXPERIENCE

Commercial Rehabilitation

During the past 21 years, our firm has been assisting cities in the day-to-day administration and implementation of their Commercial Rehabilitation programs. During the past five years, we have assisted nine cities with the rehabilitation of approximately 70 commercial buildings. The level of service requested by each City differs. However, in most cases, we administer and implement the entire program. These include inspection, design services, project management, and Davis-Bacon Compliance monitoring. Some of our Commercial Rehabilitation Projects include:

City of Carson

True Value Hardware 20840 Leapwood Ave.	Carson Professional Bldg. 2601 Carson Ave.
Carson Commercial Plaza 2641 Carson Ave.	Carson Commercial Plaza 1361 W. Carson Ave.
Chinese Deli 537 E. Sepulveda Blvd.	

City of Hawthorne

Academy Insurance 12735 Hawthorne Blvd.	Mi California Restaurant 14047 Hawthorne Blvd.
Hawthorne Inn Hotel 11644 Hawthorne Blvd.	Cell-Tell Building 12849 Hawthorne Blvd.
Small Onion Restaurant 12852-66 Hawthorne Blvd.	New Vision Furniture 12846 Hawthorne Blvd.
Hawthorne Clothing Outlet 11701 Hawthorne Blvd.	Hawthorne Plumbing & Plumbing 11628 Hawthorne Blvd.
Shafaa Turkish Restaurant 12211 Hawthorne Blvd.	Olewewe Medical Clinic 11712 Hawthorne Blvd.
Denny's Restaurant 13201 Hawthorne Blvd.	American Auto 11508 Hawthorne Blvd.
Chips Restaurant 11908 Hawthorne Blvd.	El Fogon Restaurant 11433 Hawthorne Blvd.
I.A.M. Building 12109 Hawthorne Blvd.	TC Electronics 13110 Hawthorne Blvd.

City of El Monte

Superior Produce 2732 Santa Anita Ave.	Calzamunso Plaza Peck/Lambert Ave.
Garvey Mobil Park Garvey Ave.	Acorn Trailer Park 2818 Durfee Ave.
Super 8 Hotel 12047 Valley Blvd.	

City of Lawndale

Millennium Hair Studio
14710 Hawthorne Blvd.

Los Jaliscienses Market
16310 Hawthorne Blvd.

Valu Plus Plaza
15202 Hawthorne Blvd.

Cook's Windows and Doors
14410 Hawthorne Blvd.

Kitchen Concepts
16306 Hawthorne Blvd.

Holiday Inn
Manhattan/Hawthorne Blvd.

Mann Building
17013 Hawthorne Blvd.

Boulevard Pawn Shop
14805 Hawthorne Blvd.

El Pollo Inka Plaza
15400 Hawthorne Blvd.

Lawndale Printing
16206 Hawthorne Blvd.

South View Medical Clinic
14829 Hawthorne Blvd.

Hawthorne Motors
16223 Hawthorne Blvd.

Prairie Shopping Plaza
14617 Prairie Ave.

Roma 2000 Furniture
16821-27 Hawthorne Blvd.

City of Montebello

Jimmie's Family Restaurant
701 Whittier Blvd.

Super Wash
116 Whittier Blvd.

Montebello Bakery
528 Whittier Blvd.

Seidner's Collision Center
321 Whittier Blvd.

Alondra Wings Restaurant
616 Whittier Blvd.

Sam's Liquor
301 Whittier Blvd.

City of Monterey Park

Ted's Liquor
825 Garvey Ave.

Comp-Media Building
127-135 S. Garfield Ave.

Monterey Appliances
272 E. Garvey Ave.

Wing Hop Fung Delicacies Shopping Center
Atlantic Blvd.

Jim's Volkswagen Service
829 Garvey Ave.

Johnny Thompson Music
222 E. Garvey Ave.

Dim Sum Express Restaurant
326 N. Garfield Ave.

City of Paramount

Elegance H Hair Design 15504-08 Paramount Blvd.	Spray Zone Inc 14059 Garfield Blvd.
Navarro's Apartment Building 13919 Paramount Blvd.	Christian Church 15543 Paramount Blvd.
Knights of Columbus Building 15731 Paramount Blvd.	Adriana's Bakery 7015 Somerset Ave.
La Venetta Market 6559 Somerset Ave.	Paramount Furniture 16450 Paramount Blvd.
Paramount Postal Office 7200 Somerset Blvd.	La Michoacana Plaza 7045 Somerset Ave.
V & R Auto Supply 6555 Somerset Blvd.	Somerset Apartments 6554 Somerset Blvd.
Rafael's Tools 7718 Rosecrans Ave.	El Perihuete Restaurant 16600 Paramount Blvd.

City of Rialto

Jimmy's Upholstery 140 S. Riverside Ave.	Gladdy's Video Games 134 S. Riverside Ave.
Rialto Mattress 128 S. Riverside Ave.	Johnson's ACE Hardware 115 S. Riverside Ave.

City of Upland

Pro5 Brewing 105 E A St.	The Local Baker 120 E 9th St.
Captain's Grill 161 N 2nd Ave.	Padua Pasta 300 E Arrow Hwy.
Jim Bones BBQ 251 N 2nd Ave.	

Labor Compliance (Davis-Bacon Act)

We are currently under contract to provide Labor Compliance services to 15 cities in Southern California. Our typical scope of work includes preparation and review of bid documents for compliance with Federal labor standards and requirements including Davis-Bacon and Related Acts, Section 3, and DOL regulations; attend pre-construction meeting and present information on Davis-Bacon and Section 3 requirements; review submitted bid documents for compliance; establish and maintain contractor and subcontractor labor files; conduct employee field interviews and document posting compliance; reconcile weekly certified payroll reports and supporting documentation; monitor contractors for Section 3 accomplishments; schedule labor compliance file reviews prior to release of retention funds; and address and resolve any underpayment or deficiency issues.

Section 3

Our staff is experienced in the implementation of Section 3 employment, contracting and training requirements. Currently, we monitor labor compliance activities on 15 projects with a combined construction value of over $25.5 million. Of these projects, ten (10) are Section 3-covered projects with contracts more than $200,000.

Housing Rehabilitation

MDG along with its affiliate LDM is currently under contract with 18 cities throughout Southern California for the management and implementation of their housing rehabilitation programs, including mobile homes. During the prior year, the firm processed and completed the rehabilitation of approximately 350 residential single-family dwellings and mobile homes. The funds utilized for the implementation of the rehabilitation programs included U.S. Department of Housing and Urban Development (HUD) funds such as CDBG and HOME funds as well as California Department of Housing and Community Development (HCD) funds such as State HOME and CalHome funds. Through the years, MDG has developed systems for different types of programs including, but not limited to, emergency repair programs, rental rehabilitation programs, owner-occupied – single family rehabilitation programs, and mobile home repair programs. Responsibilities under these programs include, but are not limited to, the overall administration of the program; reviewing applications for eligibility; environmental review record and clearances; loan underwriting and loan document preparation for loan-based programs; initial, progress and final inspections; responding to contractor questions during the bidding process; construction management and oversight; review and process contractor payment request; and preparing regulatory reports for HUD and HCD.

Grants Management

MDG currently provides administration and implementation services for the Community Development Block Grant (CDBG), HOME Investment Partnerships (HOME), Emergency Solutions Grant (ESG), Community Development Block Grant-Disaster Recovery (CDBG-DR), and Neighborhood Stabilization Programs (NSP). MDG also administers activities funded under the programs above. MDG and its affiliate LDM are currently under direct contract with 26 cities and three (3) counties with HUD CPD funds totaling approximately $85.5 million. Our services include the day-to-day implementation of their CPD grants and programs funded with the grant funds. We provide services to other cities and counties on specific tasks such as IDIS input, subrecipient monitoring, federal labor standards (Davis-Bacon) compliance, monitoring CDBG/HOME and ESG grants, the preparation of HUD Section 108 Loan Guarantee applications, preparation of Consolidated Plan/Annual Action Plans/ and Consolidated Annual Performance and Evaluation Report (CAPER). MDG's Disaster Recovery Division is currently under contract with four disaster recovery recipients with funds totaling $14 billion.

MDG staff maintain an excellent relationship with the local HUD field offices as well as at the headquarters level (Washington D.C.). Our staff has been providing training to grantees throughout the country on behalf of HUD Headquarters. The training has been in the areas of "Basically CDBG," Assessment of Fair Housing (AFH), Disaster Recovery Grant Reporting (DRGR), eCon Planning Suite, CPD Maps, and the Integrated Disbursement Information System (IDIS). Our staff currently assists grantees through the HUD Resource Exchange Ask a Question (AAQ) portal in the areas of CDBG, HOME, and DRGR.

Our staff currently provides technical assistance (TA) to grantees throughout the country on behalf of HUD Headquarters in conjunction with the CPD Programs as well as HUD's reporting systems, the IDIS and DRGR systems. In the past year, MDG has assisted more than 15 local jurisdictions to design and implement over $50m of CDBG-CV and ESG-CV resources. Further, MDG has led HUD-funded national technical assistance efforts in both programs. MDG is also a leader in disaster response and recovery technical assistance and is currently supporting the State of California (wildfires) and the Commonwealth of Puerto Rico (hurricanes) to implement their CDBG-DR programs.

Our staff is knowledgeable in several computer programs including all of the Microsoft Office software, Microsoft Project, Adobe programs and HUD's online reporting databases. These include the Integrated Disbursement and Information System (IDIS), Disaster Recovery Grant Reporting System (DRGR), Recovery Act Management and Performance System (RAMPS), Performance and Accountability for Grants in Energy System (PAGE), HUD Environmental Review Online System (HEROS), and FederalReporting.gov.

CARES Act (CDBG-CV) Program Administration

MDG is currently working with the State of California's CARES Act (CDBG-CV) programs as well as a number of Cities throughout southern California to establish and implement the administrative functions

of the program. Duties include the preparation of the Action Plan amendments, preparation of subrecipient agreements, processing payment requests and monitoring agencies for compliance. In addition, MDG staff is currently working with HUD to provide on-call technical assistance and is also part of the CARES Act (CDBG-CV) "Ask a Question" portal for grantees to submit questions regarding the program.

Development of Consolidated Plans and Analysis of Impediments to Fair Housing

Since 2010, MDG and its affiliate have completed 42 Consolidated Plans, 34 Analysis of Impediments to Fair Housing Choice and two (2) Assessments of Fair Housing.

Consolidated Plans	
Albuquerque, NM (2018-2022) Baldwin Park (2010-2014; 2015-2019) Compton (2010-2014; 2015-2019) Corona (2015-2019, 2020-2024) El Monte (2010-2014; 2015-2019) Fontana (2010-2014; 2015-2019; 2020-2024) Hawthorne (2010-2014; 2015-2019; 2020-2024) Hesperia (2015-2019; 2020-2024) Irvine (2010-2014; 2015-2019; 2020-2024) Lancaster (2010-2014)	Menifee (2017-2021) Newport Beach (2010-2014; 2015-2019) Ontario (2010-2014) Palmdale (2010-2014; 2015-2019; 2020-2024) Paramount (2012-2016; 2017-2021; 2022-2026) Redlands (2009-2013; 2015-2019) Rialto (2010-2014; 2015-2019; 2020-2024) Riverside (2010-2014) Temecula (2017-2021; 2022-2026) Upland (2010-2014; 2015-2019; 2020-2024)
Analysis of Impediments to Fair Housing Choice or Assessment of Fair Housing (AFH)	
Baldwin Park (2010; 2015) Corona (2015) Compton (2010; 2015) El Monte (2010; 2015) Fontana (2010; 2015; 2020) Hawthorne (2010; 2015; 2020) Hesperia (2015) Irvine (2010; 2015; 2020) Menifee (2017)	Ontario (2010) Palmdale (2010; 2015; 2020) Paramount (2012; AFH in 2017, 2020) Rialto (2010; 2015; 2020) Redlands (2009) Riverside (2019) Temecula (AFH in 2017, 2022) Upland (2010; 2015; 2020) Whittier (2015)

ASSIGNED STAFF MEMBERS AND BACKGROUNDS

Project Team:

The members of our consulting group proposed to provide direct CDBG, HOME, and HUD Programs Administration support services include Rudy E. Muñoz, Esther Luis, and Miguel Ramirez.

Rudy Muñoz, President – Mr. Muñoz is the authorized signatory for contracts on behalf of MDG Associates and will support the assigned consultant team as-needed.

Esther Luis, Director – Ms. Luis will be the project manager on behalf of MDG and will be the City's direct point of contact for all programs.

Miguel Ramirez, Manager – Mr. Ramirez will be responsible for assisting the City with the project implementation and construction management functions of the Commercial Rehabilitation Program.

MDG has additional staff members that are qualified and available to assist the City on as needed basis.

Project Team Bios:

Rudy Muñoz, President – Rudy Muñoz is the President and founder of MDG Associates, Inc. With more than 37 years of experience in the community development field, Mr. Muñoz' primary focus is on assisting municipalities with all aspects of the administration and implementation of their HUD-funded CPD Programs. These include, but are not limited to, the Community Development Block Grant (CDBG), HOME Investment Partnership Act (HOME), Neighborhood Stabilization Program (NSP), Community Development Block Grant – CARES Act (CDBG-CV) and Community Development Block Grant – Disaster Recovery (CDBG-DR) programs. Rudy works hand-in-hand with municipalities on the development of implementation strategies and tools that facilitate the management of their CPD programs, providing training for the HUD CPD Programs, and at times implementing the day-to-day functions of the programs. These functions include all phases of the program implementation from the initial development of Consolidated Plans and Action Plans for the various programs up to the programmatic and financial closeout of projects and grants. He assists grantees in developing HUD mandated Policies and Procedures for the overall management and oversight of the various CPD Programs as well as individual activities funded under these programs such as Housing Rehabilitation, Commercial Rehabilitation, and Homebuyer Programs.

Rudy is a Certified HOME Specialist and is a subcontractor to national Technical Assistance (TA) providers through HUD's OneCPD and communities throughout the U.S. in CDBG, HOME, NSP, and CDBG-Disaster Recovery Programs. He currently provides training at the national level in "Basically CDBG", Assessment to Fair Housing (AFH), Integrated Disbursement and Information Systems (IDIS), and the Disaster Recovery Grant Reporting System (DRGR). He is a beta tester for HUD on the Disaster Recovery Grant Reporting system. Because of his fluency in Spanish, he has provided many of the aforementioned training in Spanish for the Commonwealth of Puerto Rico and its municipalities.

Prior to his time with MDG, Rudy worked for several municipalities in Southern California. Mr. Munoz received a Bachelor of Architecture (Barch – 5-yr degree) from California Polytechnic University in Pomona.

Esther Luis, Director – Esther Luis joined MDG Associates, Inc. in 2000 and currently serves as Director of Grants Management. With more than 22 years of experience in the planning and implementation of federal grants including those offered by the U.S. Department of Housing and Urban Development – Office of Community Planning and Development, Ms. Luis assists municipalities with all aspects of Community Development Block Grant (CDBG) and HOME Investment Partnerships (HOME) as well as Housing Rehabilitation Program administration. Esther focuses on the day-to-day aspects of CPD program administration and compliance, including Consolidated Plan and Action Plan development and implementation, Integrated Disbursement and Information System (IDIS) functionality and management, subrecipient management, and

monitoring. Esther often goes into cities that require a revamping of their internal systems to comply with HUD monitoring findings. Before joining MDG, Esther was a Contract Compliance Specialist for the Los Angeles County Community Development Commission – the second largest Urban County CDBG program in the nation. Her responsibilities included contract development, monitoring the implementation of CDBG funded activities implemented by participating cities and non-profit organizations.

Esther received a Bachelor of Arts in Sociology/Business Administration from the University of California, Los Angeles (UCLA).

Miguel Ramirez, Manager - Miguel Ramirez joined MDG Associates, Inc. in 2004 and currently serves as a Manager on the Housing and Commercial Rehabilitation team. With more than 19 years of experience in the administration and implementation of CDBG, HOME and CRA funded housing and commercial rehabilitation programs, Miguel has been successful in assisting municipalities with the implementation of their programs.

Miguel's responsibilities include reviewing for applicant eligibility; conducting initial and progress inspections and preparing work write-ups/estimates; providing the project management to assure contractor is complying with the requirements of the scope of work and contract; maintaining applicant files current and audit-ready; preparing bid packages; reviewing bids from contractors; preparing contractor agreements; processing progress and final payments; working with sub-consultants such as lead paint inspector and appraisers as required; filing required documents including but not limited to Notice of Completion.

Miguel is a certified State of California Notary Public. He is bilingual/bi-literate in English and Spanish and is a certified Building Inspector.

The resumes of the staff members listed above are included in the Attachment "A" Resume of Key Personnel of this document.

CLIENT REFERENCES

City of Fontana – Valerie Gonzales, Housing Manager
Services Provided: CDBG/HOME/CDBG-R/NSP Program TA; Analysis of Impediments to Fair Housing (AI); Consolidated Plan/Action Plan/CAPER preparation; Davis-Bacon/Section 3 Compliance; Policies and Procedures for FTHB and Hosing Rehabilitation Programs.
Date of Contract: 2009 to Present
Contact Person: Phone Number: (909) 350-6625; email address: vgonales@fontana.org

City of Hawthorne – Kimberly Mack, Housing Director
Services Provided: CDBG/HOME Program Administration and Technical Assistance; CDBG and HOME funded Housing Rehabilitation Program Implementation; RDA funded Commercial Rehabilitation Program Implementation; Community Project Fund (CPF) administration; Analysis of Impediments to Fair Housing (AI); Consolidated Plan/Action Plan/CAPER preparation.
Date of Contract: 2002 to 2010 and 2014 to Present
Phone Number: (310) 349-1603; email address: kmack@cityofhawthorne.org

City of Palmdale - Mike Miller, Assistant City Manager
Services Provided: CDBG/HOME/CDBG-R/NSP Program Administration and Technical Assistance; ARPA grant technical assistance; Redevelopment Consultation; Analysis of Impediments to Fair Housing (AI); Consolidated Plan/Action Plan/CAPER preparation; 5 Year Implementation Plan (Redevelopment); Davis-Bacon and Section 3 Compliance; affordable housing monitoring.
Date of Contract: 2000 to Present
Phone Number: (661) 267- 5115; email address: MikeM@cityofpalmdale.org

City of Upland – Robert Dalquest, Director of Development Services
Services Provided: CDBG Program Technical Assistance; CalHome and RDA funded Housing Rehabilitation Program Implementation (4 separate programs); RDA funded Commercial Rehabilitation Program Implementation; CalHome and RDA funded Homebuyer Assistance Program; Project/Construction Management; PLHA Administration/Implementation; Davis-Bacon and Section 3 Compliance; Analysis of Impediments; Planning Services; Analysis of Impediments to Fair Housing (AI); Consolidated Plan/Action Plan/CAPER preparation; affordable housing monitoring.
Date of Contract: 2004 to Present
Phone Number: (909) 931-4148; email address: rdalquest@ci.upland.,ca.us



ATTACHMENT A:
Resumes of Key Personnel



RUDY MUÑOZ

President

AREAS OF EXPERTISE

- Grants Management
- HUD CPD Programs
- Disaster Recovery Programs
- CARES Act
- Disaster Recovery Grant Reporting (DRGR) System
- Uniform Administrative Requirements-2 CFR Part 200

YEARS OF EXPERIENCE

37 Years

CERTIFICATIONS/TRAINING

- Certified HOME Program Regulations
- California General Contractor No. 681042
- ICBO Earthquake Retrofit - Wood Frame Certification
- Certified Lead Visual Inspector

EDUCATION

Bachelor of Architecture
California Polytechnic University - Pomona

WORK HISTORY

MDG Associates, Inc.
1991 - Present

City of Huntington Park
1988 - 1991

MDG Associates, Inc.

Rudy Muñoz serves as President and founder of MDG Associates, Inc. Over the past 31 years, he has assisted cities and counties with the design, administration, and implementation of their HUD-funded CPD Programs, including, but not limited to the CDBG, HOME, NSP and CDBG-DR programs. Rudy works with government agencies on the development of implementation strategies and tools that facilitate the management of their programs. He has been involved in HUD Disaster Recovery Programs since the 1994 Northridge Earthquake, where he directed the rehabilitation of over 300 homes for two cities in Los Angeles County. Rudy works as a subcontractor to several national Technical Assistance (TA) providers through HUD's Community Compass initiatives. He has provided classroom training on behalf of HUD including Basically CDBG, Assessment of Fair Housing (AFH), CPD Maps, eCon Planning Suite, and the Disaster Recovery Grant Reporting (DRGR) system. Due to his Spanish fluency, he has also provided all of the aforementioned training in Spanish for the Commonwealth of Puerto Rico and its municipalities.

PROJECT SPECIFIC EXPERIENCE

State of California - Disaster Recovery and Mitigation Grant Financial Management, Data, and Reporting

Subject Matter Expert – Team Co-lead | November 2019 - Current

Rudy is the working group co-lead for the implementation of the 2017, 2018, and 2020 disaster recovery and mitigation grants financial management, data, and reporting (FDR) unit of the State of California Housing and Community Development (HCD) Disaster Recovery unit. In total, he is working with seven disaster recovery and mitigation grants totaling approximately $1.5 billion. Building on the basic framework of the CDBG program regulations, CDBG-DR Federal Register Notices, and the 2 CFR Part 200 regulations, Rudy has led the preparation of financial management policies and procedures, the development of standard operating procedures (SOPs), workflows, forms and documents, checklists, and system tools to assist HCD-DR staff in the fiscal management aspects of the disaster recovery and mitigation grants. He is assisting in conducting regularly scheduled reconciliations of their labor costs as well as the reconciliation across the three different program level systems (DRGR, Fi$Cal, and Grants Network) and one project level system (eGrants). Rudy also provides technical assistance and training to new staff assigned to the disaster recovery program and regularly provides training for subrecipients in matters related to financial management.

Programs: CDBG-DR | CDBG-MIT | 2 CFR Part 200

Client: Wendy Nelson, Section Chief – Fiscal Compliance, California HCD
2020 W. El Camino Avenue, Suite 200, Sacramento, CA 95833
wendyp.nelson@hcd.ca.gov (916) 841-8996



RUDY MUÑOZ

President

PROJECT SPECIFIC EXPERIENCE

Rehabilitation Programs (multiple agencies)

Program Manager / President | 1985 - Current

Rudy has provided residential and commercial rehabilitation program administration services to the City of Upland in addition to approximately 40 other grantees / participating jurisdictions in the last 30 years. Rudy's services to Upland have supported improvements to residential and commercial structures in the low- and moderate-income sections of the community. Rudy has designed and implemented housing rehabilitation programs utilizing a variety of grants including, but not limited to, CDBG, HOME, state, and local redevelopment funds that resulted in the rehabilitation of over 1,000 residential dwellings. In addition, he has designed and implemented commercial rehabilitation programs utilizing CDBG and local funds that has resulted in the renovation of over 200 commercial buildings in commercial districts that serve the low- and moderate-income community. In this role, Rudy has developed program guidelines, policies and procedures, implementation forms and documents, and tracking and monitoring systems for these programs. Rudy is currently overseeing MDG program staff implementing these programs in cities across Southern California.

Programs: CDBG | HOME | Housing Rehabilitation | Commercial Rehabilitation

Client: Liz Chavez, Development Services Manager, City of Upland
460 N. Euclid Avenue, Upland, CA 91786 lchavez@ci.upland.ca.us (909) 931-4146

City of Paramount (plus various other cities), HUD CPD Programs Administration/Housing & Commercial Rehabilitation Administration

Program Manager / President | 2001 - Current

Rudy has provided program administration services to the City of Paramount in addition to 30 other grantees / participating jurisdictions during the last 20 years. Rudy's services to Paramount have supported improvements to a number of community facilities and infrastructure projects in the low- and moderate-income sections of the community. Rudy has designed and implemented a housing rehabilitation program utilizing HOME program funds that resulted in the rehabilitation of over 350 homes. In addition, he has designed and implemented a commercial rehabilitation program utilizing CDBG funds that has resulted in the renovation of over 60 commercial buildings in the City's core commercial district that serves the low- and moderate-income community. In this role, Rudy has developed program guidelines, supporting forms and documents, and tracking and monitoring systems for all of these programs to ensure compliance with CDBG and HOME regulations. Rudy is currently overseeing MDG program staff implementing these programs in cities across Southern California.

Programs: CDBG | HOME | Housing Rehabilitation | Commercial Rehabilitation

Client: John Carver, Community Development Director, City of Paramount
16400 Colorado Avenue, Paramount, CA 91723 jcarver@paramountcity.com (562) 220-2048



RUDY MUÑOZ

President

PROJECT SPECIFIC EXPERIENCE

"Basically CDBG" Curriculum Trainer / TA

Subject Matter Expert /Co-Lead Trainer | 2010 - Current

Rudy was a co-trainer under contract to Enterprise Advisors and ICF for HUD's live in-person Basically CDBG Trainings from 2010 to 2017, which culminated in a recorded session in Atlanta, GA that was subsequently edited and used as part of HUD's Basically CDBG Online e-learning curriculum that is available to the public on the HUDExchange.info website. Rudy also worked with Enterprise and HUD Headquarters staff to produce the Basically CDBG Online e-learning curriculum that is currently posted to the HUDExchange.info website (2019-2020). Specifically, Rudy assisted in writing the content for the topical capacity building modules, made recommendations for edits to the live video recordings and reviewed all content for consistency with current HUD policy and guidance. Rudy assisted in the translation of the Basically CDBG training slide deck and manual into Spanish and provided the training in Spanish for the Commonwealth of Puerto Rico.

Programs: CDBG | Federal Crosscutting

Client: Diane Lobasso, Senior Advisor, HUD Office of DAS for Grants Programs
451 7th St. SW, Washington, D.C., 20410 Diane.L.Lobasso@hud.gov (202) 402-2191

HUD CPD Program Trainings

Subject Matter Expert / Trainer | 2010 - Current

Rudy has provided a number of live in-person trainings on behalf of HUD through multiple service providers such as Enterprise Advisors, Cloudburst Group, ICF and NALCAB. Rudy has provided in-class training and technical assistance for grantees in two of HUDs reporting systems: the Integrated Disbursement and Information Systems (IDIS), and the Disaster Recovery Grant Reporting System (DRGR). He has assisted HUD Headquarters as a beta tester for the updates to the DRGR system as well as being a drafter/reviewer on the Ask A Question (AAQ) pool. Rudy was also selected as a trainer for the Assessment of Fair Housing (AFH) Final Rule and has also trained Financial Management Systems (2 CFR Part 200 - Uniform Administrative Requirements), eCon Planning Suite (for the development of Consolidated Plans and Action Plans); and CPD Maps. Rudy has provided all of the aforementioned training in English and in Spanish for the Commonwealth of Puerto Rico. In 2020, Rudy presented the CDBG-CV National Objectives training.

Programs: CDBG | Federal Crosscutting | AFH | IDIS | eCon Planning Suite

Client: HUD Office for Grants Programs
451 7th St. SW, Washington, D.C., 20410 Diane.L.Lobasso@hud.gov (202) 402-2191



ESTHER LUIS

Director

AREAS OF EXPERTISE

- Grants Management
- HUD CPD Programs
- Housing Rehabilitation Programs
- Commercial Rehabilitation Programs

YEARS OF EXPERIENCE

22 Years

EDUCATION

B.A. Sociology / Business Administration
University of California
Los Angeles

WORK HISTORY

MDG Associates, Inc
2000 - Present

Los Angeles County Development Authority (LACDA)
1997 - 2000

MDG
Associates, Inc.

Over the past 22 years, Esther has assisted multiple cities in the planning and implementation of housing and community development programs through HUD CPD and County Programs. Esther's focus is on the day-to-day administration of the CDBG, HOME, CDBG-CV programs, development of Action Plans, subrecipient (public service) management and monitoring, labor standards enforcement, compliance with federal reporting requirements including the Consolidated Annual Performance and Evaluation Report (CAPER), and all other aspects of program development, administration, implementation, and compliance.

PROJECT SPECIFIC EXPERIENCE

City of Paramount (and others) - CDBG and HOME Program Administration

Program Manager / Director | June 2013 - Current

Esther provides the City of Paramount and other cities with day-to-day administration of the CDBG and HOME programs, including oversight of public service, public facilities and infrastructure improvements, affordable housing development, homeowner rehabilitation, and tenant-based rental assistance activities. This work includes development and implementation of the Notice of Funding Availability process, application eligibility reviews, facilitation of committee meetings, preparation of the Action Plan and associated approval documents, IDIS setup and management, performance and financial processing and monitoring, labor standards enforcement, subrecipient management, monitoring, capacity building, and preparation of the CAPER.

Programs: CDBG | HOME

Client: John Carver, Planning Director, City of Paramount
16400 Colorado Avenue, Paramount, CA 90723
JCarver@paramountcity.com (562) 220-2048

City of Walnut (and others) – CDBG Programs Administration (LACDA)

Lead Consultant | June 2000 - Current

Esther oversees the implementation, administration, monitoring and compliance for the CDBG Program in the City of Walnut various other cities. She provides clients with day-to-day administration of the CDBG and CDBG-CV programs, including oversight of public facilities and infrastructure improvements, public service activities, economic development, and housing-related projects. Services include development of the annual Notice of Funding Availability, review of program applications for CDBG eligibility and consistency with the goals of the Consolidated Plan. Esther functions as the liaison between the City, LACDA, and federal and state agencies. She develops program performance metrics, completes financial processing and monitoring, and is responsible for labor standards enforcement, subrecipient management, and capacity building.

Programs: CDBG

Client: Chris Vasquez, Community Development Director, City of Walnut
21201 La Puente Road, Walnut, CA 91789
cvasquez@cityofwalnut.org (909) 595-7543



ESTHER LUIS

Director

PROJECT SPECIFIC EXPERIENCE

City of Paramount – CDBG-CV Administration

Program Manager / Director | June 2020 – June 2022

Esther provided program administration services to the City of Paramount and others to evaluate the impacts of COVID-19 on housing availability and business retention, and assisted these cities to design, implement, and monitor CDBG-CV funded housing and business assistance programs. Esther helped to program close to $1M in CDBG-CV U.S. Treasury resources in the period between June 2020 - June 2022. Esther developed program guidelines, supporting forms and documents, and tracking and monitoring systems to support rental assistance programs, business grant programs, and microenterprise assistance programs.

Programs: CDBG-CV | U.S. Treasury SLRF

Client: John Carver, Planning Director, City of Paramount
16400 Colorado Avenue, Paramount, CA 90723 JCarver@paramountcity.com (562) 220-2048

City of Carson – CPD Financial Management

Program Manager / Director | June 2017 – Current

Esther provides technical assistance to enhance the City of Carson's capacity in their administration of federal and state grant programs including, but not limited to, setting up budgets based on the adopted Annual Action Plans; assisting in preparing agreements and purchase orders; and reviewing invoices and supporting documentation for compliance with applicable requirements (e.g., procurement, contracts, and Davis Bacon compliance, etc.). She also assists in setting up draws in the IDIS system upon reconciliation of the grantee's general ledger; conducts programmatic and financial monitoring of subrecipients and City Departments to assure that activities are compliant with agreements/MOUs and all applicable requirements. Esther assists in inputting quarterly accomplishments in IDIS; conducting annual reconciliations of City's accounts against entered IDIS data; tracks accounts/budgets for any carryovers or unexpended funds upon activity close-out; monitors and maintains program income and/or loan portfolio ledgers, and provides requested information to auditors during the single-audit process. Esther also oversees MDG program staff implementing the residential rehabilitation program.

Programs: CDBG | HOME | Housing Rehab Admin

Client: Saied Naaseh, Community Development Director, City of Carson
701 East Carson Street, Carson, CA 90745 SNaaseh@carsonca.gov (310) 952-1770



MIGUEL RAMIREZ

Manager

AREAS OF EXPERTISE

- Residential Rehabilitation
- Commercial Rehabilitation
- Construction Management
- Labor Compliance

YEARS OF EXPERIENCE

24 Years

CERTIFICATIONS/TRAINING

- Lead-Based Paint Visual Assessment Certification
- Certified Lead Visual Inspector
- Notary Public

EDUCATION

B.S. Urban and Regional Planning
California Polytechnic University - Pomona

A.S. Architectural Design
Long Beach City College

WORK HISTORY

MDG Associates, Inc.
2003 - Present

City of Lawndale
2001 - 2003

City of La Puente
1998 - 1999

MDG Associates, Inc.

Over the past 24 years, Miguel has assisted multiple cities in the design, administration, and implementation of their residential rehabilitation programs funded with HUD CPD grant funds including CDG and HOME as well as state and local funds such as CalHOME (state) and Successor Agency (local/state) funds. He has assisted multiple cities in the design, administration, and implementation of their commercial rehabilitation programs funded CDBG and local funds.

Miguel has also been responsible for performing federal (Davis-Bacon and Related Acts) and state labor compliance and monitoring as well as the implementation of Section 3 requirements for capital improvement projects funded primarily through CDBG and HOME funds. Areas of specialization include estimating projects, preparation of bid packages, procurement of services, conducting inspections, and serving as liaison between contractors and contracted clients.

PROJECT SPECIFIC EXPERIENCE

City of Irvine (Plus various other Cities) - Residential Rehabilitation Program

Project Manger | July 2009 - Current

Miguel has provided residential rehabilitation program administration and implementation services to the City of Irvine in addition to six other grantees / participating jurisdictions during the previous 24 years. Miguel's services to Irvine have supported improvements to residential structures in for the low- and moderate-income residents of the City. He has been responsible for the design and day-to-day implementation of the housing rehabilitation programs, utilizing both CDBG and HOME program funds. His efforts have resulted in the rehabilitation of over 120 homes in the City and over the 24 years, Miguel has been responsible for the rehabilitation of over 800 dwelling units. In this role, Miguel has assisted in developing program guidelines and implementation documents; conducting initial and progress inspections; preparing the scope of work for the rehabilitation projects; provided guidance to applicants in the procurement of contractors; reviewed contractor payment requests and processed payments with the City; and closed out projects by filing a Notice of Completion for all projects.

Programs: CDBG | HOME | CalHome Residential Rehabilitation

Client: Amy Mullay, Senior Planner, City of Irvine
1 Civic Center Plaza, Irvine, CA 92606
amullay@cityofirvine.org I (949) 724-7454

City of Palmdale (plus various other cities) - Construction Management and Labor Compliance

Project Manager | 2016 - Current

Miguel has provided program administration services to the City of Palmdale in addition to various other cities. Miguel has been tasked with conducting and inspection of properties, and overseeing the City funded construction projects. His responsibilities included inspecting properties for deficiencies, preparation of a work description, preparation of a bid package, construction management to include inspection of construction completed, and labor compliance. Miguel has assisted in developing systems to ensure compliance with CDBG, HOME, and DIR regulations.

Programs: CDBG I HOME I Successor Housing Agency

Client: Sophia Reyes, Housing Manager, City of Palmdale
38300 Sierra Highway, Palmdale, CA 93550
sreyes@cityofpalmdale.org I (661) 267-5164



MIGUEL RAMIREZ

Manager

PROJECT SPECIFIC EXPERIENCE

City of Paramount (plus various Other Cities) - Commercial Rehabilitation Program

Program Manager | July 2008 - Current

Miguel has provided program administration services to the City of Paramount in addition to 4 other grantees / participating jurisdictions during the last 24 years. Miguel's services to the City of Paramount have supported improvements to a number of community facilities in the low- and moderate-income sections of the community. Miguel has designed and implemented a commercial rehabilitation program utilizing CDBG funds that has resulted in the renovation of over 20 commercial buildings in the City's core commercial district that serves the low- and moderate-income community. In this role, Miguel has assisted in developing program guidelines, supporting forms and documents, and tracking and monitoring systems for this program to ensure compliance with CDBG regulations.

Programs: CDBG Commercial Rehabilitation

Client: John King, Assistant Planning Director-City of Paramount
16400 Colorado Avenue Paramount, CA 90723
JKing@paramountcity.com I (562) 220-2000

City of Paramount - CDBG-CV Program Administration

Co-Team Lead – Manager | July 2020 - Current

Miguel provided program administration services to the City of Paramount as well as other cities to evaluate the impact of COVID-19 on housing availability and business retention and has assisted these cities to design, implement, and monitor CDBG-CV funded housing and business assistance programs. Miguel helped to program CDBG-CV U.S. Treasury resources in the period between July 2020-June 2021. Miguel developed program guidelines, supporting forms and documents, and tracking and monitoring systems to support rental assistance programs, business grant programs, and microenterprise assistance programs.

Programs: CDBG-CV | U.S. Treasury SLRF

Client: John Carver, Community Development Director, City of Paramount
16400 Colorado Avenue, Paramount, CA 91723
jcarver@paramountcity.com I (562) 220-2048

City of Hawthorne – Davis Bacon Compliance for Street Improvement Project

Lead Compliance Consultant | 2018-2019

Miguel provided the overall labor compliance and Section 3 monitoring for the project. The Street Improvement Project consisted of the repaving of Prairie Avenue and the replacement of existing sidewalk ramps and replacing them with ADA compliant access ramps. Miguel was responsible for Davis-Bacon and Related Acts (DBRA) prevailing wage compliance and monitoring, including bid document preparation, HUD-11 employee field interviews, review of certified payroll reports, identification and resolution of any labor standard violations as well as MBE/WBE and Section 3 reporting and compliance. Submit Semi-Annual and Annual reports to local counties and U.S Department of Housing and Urban Development (HUD).

Programs: CDBG | DBRA

Client: Kimberly Mack, Director of Housing, City of Hawthorne
4455 West 126th Street, Hawthorne, CA 90250
kmack@cityofhawthorne.org I (310) 349-1603



ATTACHMENT B:
Fee Schedule

ATTACHMENT "B" - FEE SCHEDULE

FEE SCHEDULE

Based on the Scope of Work requested by the City, MDG proposes to bill on a time and material basis, based on the Rate Schedule below, for the actual level of effort necessary to perform each component of the Scope of Work requested by the City. Based on the Scope of Work, we request a not-to-exceed budget of $10,000 for FY22/23 and a not-to-exceed budget of $50,000 or 20% of the program budget for FY23/24.

SCHEDULE OF HOURLY BILLING RATES

Title	PY 2023-2024	PY 2024-2025	PY 2025-2026
President/Senior Vice President	$128.00	$131.00	$134.00
Vice President	$122.00	$125.00	$128.00
Director	$117.00	$120.00	$123.00
Manager	$111.50	$114.50	$117.50
Senior Associate	$105.50	$108.00	$111.00
Associate	$95.00	$97.50	$100.00
Senior Project Assistant	$78.00	$80.00	$82.00
Project Assistant	$73.00	$75.00	$77.00
Secretary	$51.00	$52.50	$54.00

Note: If MDG staff is requested by the City to attend a meeting not considered a part of this proposal or on a day in which a consultant is not scheduled to be on site, the City shall be billed for the time it takes to drive to and from the City and its corporate office.

REIMBURSABLE ITEMS:

Project Supplies At Cost plus 10% surcharge (if applies)

Prints/Reproductions At Cost plus 10% surcharge (if applies)

Postage/Delivery At Cost plus 10% surcharge (if applies)



ATTACHMENT C:
Scope of Work

ATTACHMENT "C" - SCOPE OF WORK

COMMERCIAL FAÇADE IMPROVEMENT PROGRAM
ADMINISTRATION & CONSTRUCTION MANAGEMENT SERVICES

The items Included in the Scope of Work are indicated below.

A. Prepare Program Guidelines and Implementation Procedures

1. Review City's draft program guidelines.
2. Prepare new draft Program Guidelines and Implementation Procedures.
3. Assist with preparation of staff report for City Council.

B. Prepare Program Related Documents

1. Review program application.
2. Prepare new draft application and all associated program documents and/or forms to include new draft Grant Agreement, Owner Participation Agreement, Contractor Agreements, and/or CC&Rs.

C. Property Inspection and Work Specifications

1. Conduct Initial Property Inspection.
2. Identify existing violations of Gardena Municipal Code.
3. Draft Construction Scope of Work – Work Description.
4. Provide Construction Cost Estimates.
5. Prepare Pre-Construction Pictures.
6. Send Applicant Work Description for review and revise as needed.
7. Assist with Lead Based Paint and/or Asbestos Testing and Abatement Services, as needed.
8. Provide follow-up and related services as needed.

D. Bid and Construction Process

1. Prepare Bid Packages for distribution.
2. Serve as Liaison with Program Applicant and contractor(s).
3. Provide Technical Support.
4. Coordinate Bid Process
    a. Conduct Mandatory Bid-Walk with Applicant and Contractors.
    b. Review bids, prepare Bid comparison, and follow-up with Contractors.
    c. Verification of License and Insurance Documentation.
    d. Selection and Award of Contract.
    e. Prepare Construction and Improvement Agreements.
    f. Attend Pre-Construction and Contract Signing Meeting.

E. Construction Management and Labor Compliance Oversight

1. Conduct progress inspections.
2. Prepare and Submit Progress Payment Requests.
3. Monitor compliance with State of California prevailing wage requirements and Federal Davis-Bacon and Related Acts (DBRA) provisions, as needed.
4. Prepare Punch List, as needed.
5. Submit Change Order Request(s) as needed.

F. Case File Completion

1. Prepare Post-Construction Pictures.
2. Assist staff with project close out (i.e. Notice of Completion)

City of Gardena

Gardena City Council Meeting

AGENDA REPORT SUMMARY

Agenda Item No. 13.B
Section: DEPARTMENTAL ITEMS - COMMUNITY DEVELOPMENT
Meeting Date: June 13, 2023

TO: THE HONORABLE MAYOR AND MEMBERS OF THE GARDENA CITY COUNCIL

AGENDA TITLE: INTRODUCTION OF ORDINANCE NO. 1855, An Ordinance Adopting the Most Recent Version of the Los Angeles County Fire Code As Set Forth In Title 32 Of The Los Angeles County Code By Reference; and Finding the Action Exempt from the California Environmental Qualit Act Pursuant to the Common Sense Exemptin of CEQA Guidelines Section 15061(B)(3)

COUNCIL ACTION REQUIRED:

Staff Recommendation: Introduce Ordinance No. 1855 and set a Public Hearing on the adoption for the meeting of July 11, 2023

RECOMMENDATION AND STAFF SUMMARY:

The California Health and Safety Code requires that the City adopt the same building standards as those contained in the California Building Standards Code with the exception that the City may establish more restrictive building standards as reasonably necessary.
On March 2, 2023, the Los Angeles County Board of Supervisors adopted the revised Los Angeles County Fire Code which includes changes and amendments to the 2022 California Fire Code, and requested the City act accordingly in adopting the Code.
This ordinance adopts by reference, with certain changes and amendments, the 2022 California Fire Code as amended by the County of Los Angeles.

FINANCIAL IMPACT/COST:

None.

ATTACHMENTS:

Staff Report.pdf
Los Angeles County Ordinance Adopting 2022 Fire Code.pdf
Ordinance No. 1855.pdf

APPROVED:



_____

Clint Osorio, City Manager

City of Gardena
City Council Meeting

AGENDA STAFF REPORT

AGENDA TITLE:

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF GARDENA, CALIFORNIA, ADOPTING THE MOST RECENT VERSION OF THE LOS ANGELES COUNTY FIRE CODE AS SET FORTH IN TITLE 32 OF THE LOS ANGELES COUNTY CODE BY REFERENCE AND FINDING THE ACTION EXEMPT FROM THE CALIFORNIA ENVIRONMENTAL QUALITY ACT PURSUANT TO THE COMMON SENSE EXEMPTION OF CEQA GUIDELINES SECTION 15061(b)(3)

RECOMMENDATION:

Staff respectfully recommends that Council introduce Ordinance No. 1855 and set a public hearing for July 11, 2023.

BACKGROUND:

The California Health and Safety Code requires that the City adopt the same building standards as those contained in the California Building Standards Code with the exception that the City may establish more restrictive building standards as reasonably necessary because of local climatic, geological, and/or topographic conditions. Health and Safety Code Section 18941.5 requires that all City amendments, together with the State Building Standards Code, become effective 180 days after the publication of the State Building Standards Code, or at a later date established by the Building Standards Commission (Commission). The Code went into effect on earlier this year.

Based on an initiative measure from 1999, the City is required to adopt the same version of the Los Angeles County Fire Code. The County only recently told the City that it had adopted the 2023 Los Angeles County Fire Code and requested the City act accordingly in adopting the Code. (See attachment A.) The County's Fire Code incorporates by reference the 2022 Edition of the California Fire Code

with certain changes and amendments, which itself largely incorporates by reference, with certain changes and amendments, the 2021 Edition of the International Fire Code. A copy of the County Fire Code is on file in the Community Development Department and may also be accessed online at https://file.lacounty.gov/SDSInter/bos/supdocs/177579,pdf

This ordinance adopts by reference, with certain changes and amendments, the 2022 California Fire Code as amended by the County of Los Angeles. The ordinance includes specific building codes that are more stringent than those adopted by the State Fire Marshal as contained in the California Building Standards Code, and makes the required findings necessary due to local climatic, geological, and/or topographical conditions in Los Angeles County, including the City of Gardena.

Because the Ordinance is being adopted by reference, the Ordinance must first be introduced and then the City Council is required to set the public hearing at this meeting. Based on the notice requirements, the first available hearing date will be July 11, 2023.

CEQA

The Ordinance includes a determination that adoption is not subject to CEQA pursuant to the common sense exemption set forth in CEQA Guidelines section 15061(b)(3). The 2022 Fire Code applies to the City by default. The amendments and the additional codes that are being adopted are for the protection of the public health and safety and will not have any environmental effects.

FISCAL REVIEW/COST

There will be no fiscal impact as a result of the adoption of the subject Ordinance.

IN CONCLUSION, Staff respectfully recommends that Council introduce Ordinance No. 1855 and set a public hearing for July 11, 2023.

Submitted by: Greg Tsujiuchi Date: June 8, 2023

Attachment

Attachment A - Los Angeles County Ordinance Adopting 2022 Fire Code

Attachment B – Ordinance No. 1855

ANALYSIS

This ordinance repeals Title 32 – Fire Code – of the Los Angeles County Code, which incorporated by reference portions of the 2019 Edition of the California Fire Code, and replaces it with a new Title 32 containing that incorporates by reference the 2022 Edition of the California Fire Code, with certain changes and amendments, which itself largely incorporates by reference, with certain changes and amendments, the 2021 Edition of the International Fire Code.

State law allows the County and Consolidated Fire Protection District of Los Angeles County (District) to adopt more restrictive building standards than the 2022 Edition of the California Fire Code if they are reasonably necessary because of local climatic, geological, and/or topographical conditions. This ordinance contains findings that all of the amendments to the 2022 Edition of the California Fire Code that constitute more restrictive building standards are reasonably necessary because of local climatic, geological, and/or topographical conditions in the County of Los Angeles. This ordinance further amends Title 32 by making administrative changes and editorial corrections. Unless deleted or modified herein, the previously enacted provisions of Title 32 continue in effect. This ordinance adopts Title 32 as the Fire Code for the District.

Very truly yours,

DAWYN R. HARRISON
Interim County Counsel

By
JENNY P. TAM
Senior Deputy County Counsel
Justice and Safety Divison

JT:bd

Requested: 10/19/22
Revised: 11/28/22

ORDINANCE NO. 2023-0008

An ordinance amending Title 32 – Fire Code – of the Los Angeles County Code, by repealing it and replacing it with the 2022 Edition of the California Fire Code, by incorporating it by reference with certain changes and amendments, which itself largely incorporates by reference, with certain changes and amendments, the 2021 Edition of the International Fire Code.

This ordinance adopts more restrictive building standards than those imposed by the State of California and its agencies that are reasonably necessary because of local climatic, geological, and/or topographical conditions. Finally, this ordinance adopts Title 32 as the Fire Code for the Consolidated Fire Protection District of Los Angeles County.

The Board of Supervisors of the County of Los Angeles, also acting as the governing body of the Consolidated Fire Protection District of Los Angeles County, ordains as follows:

SECTION 1. Title 32 is hereby repealed in its entirety.

SECTION 2. California Code of Regulations Title 24 – Part 9: 2022 California Fire Code is hereby adopted by reference as Title 32 – Fire Code – of the Los Angeles County Code, except as amended by those changes and additions adopted in this ordinance. The section numbers used in this Title 32 are the same numbers used in the California Fire Code due to its incorporation herein.

SECTION 3. Section 100 is hereby added to read as follows:

100 CALIFORNIA FIRE CODE AND INTERNATIONAL FIRE CODE ADOPTION BY REFERENCE:

Except as changed, amended, added to, or removed, as established by ordinance and reflected herein, the following, as if set forth fully below, are hereby adopted by reference, incorporated into, and shall be known as the chapters, appendices, sections, and other parts of Title 32 of the Los Angeles County Code:

1. The 2022 Edition of the California Fire Code, Part 9 of California Code of Regulations Title 24, including current and future errata and supplements, as reflected by the "California Matrix Adoption Tables" therein.
2. The following chapters of the 2021 Edition of the International Fire Code, each in their entirety, as published with the 2022 Edition of the California Fire Code, specifically for sections that were not adopted as part of the 2022 Edition of the California Fire Code: Chapters 1–7, 9–10, 12, 20–37, 39–40, 50–51, 53–56, 59–67, and 80.
3. The following chapters and appendices, each in their entirety, as added by the County of Los Angeles:
    a. Chapters 81–83.
    b. Appendices O, PP, QQ, and RR.

A copy of the 2022 Edition of the California Fire Code, with errata and supplements, and a copy of the 2021 International Fire Code shall be at all times

maintained by the Executive Office of the Board of Supervisors for use and examination by the public.

SECTION 4. Section 101.1 is hereby amended to read as follows:

101.1 Title.

~~These regulations shall be known as the *Fire Code* of [NAME OF JURISDICTION]~~Title 32 of the Los Angeles County Code shall be known as the LOS ANGELES COUNTY FIRE CODE, hereinafter referred to as "this code." References made herein to the "*California Fire Code*" shall mean this code.

SECTION 5. Section 101.2 is hereby amended to read as follows:

101.2 Scope.

This code establishes regulations affecting or relating to structures, processes, premises and safeguards regarding all of the following:

. . .

5. Conditions affecting the safety of the fire fighters and emergency responders during emergency operations.

6. Fire hydrant systems, water supply, fire equipment access, posting of fire equipment access, parking, lot identification, weed abatement, and combustible brush and vegetation that represents an imminent fire hazard, debris abatement, combustible storage abatement including flammable liquid storage, hazardous material storage and use, open-flame and open-burning, and burglar bars at State-regulated mobilehome and special occupancy parks within the jurisdiction of the County of Los Angeles Fire Department as

per California Health and Safety Code Sections 18691 and 18873.5.

SECTION 6. Section 101.2.1 is hereby amended to read as follows:

101.2.1 Appendices.

Provisions in the appendices shall not apply unless specifically adopted. Only Appendix B, Appendix BB, Appendix C, Appendix CC, and Appendix H, from the 2022 California Fire Code have been incorporated into this code. This code also adopts Appendix O, Appendix PP, Appendix QQ, and Appendix RR.

SECTION 7. Section 101.3 is hereby amended to read as follows:

101.3 Purpose.

The purpose of this code is to establish the minimum requirements consistent with nationally recognized good practice for providing a reasonable level of life safety and property protection from the hazards of fire, explosion or dangerous conditions in new and existing buildings, structures and premises, and to provide a reasonable level of safety to fire fighters and emergency responders during emergency operations. Consistent with this purpose, the provisions of this code are intended, and have always been intended, to confer a benefit on the community as a whole and are not intended to establish a duty of care toward any particular person.

This code shall not be construed to hold the County, the County of Los Angeles Consolidated Fire Protection District, or any officer, employee, or agent thereof responsible for any damage to persons or property by reason of any inspection authorized herein or by reason of the issuance or non-issuance of any permit authorized herein, and/or for any action or omission in connection with the application and/or

enforcement of this code. By adopting the provisions of this code, the County, any district member city, or the County of Los Angeles Consolidated Fire Protection District, does not intend to impose on itself, its employees, or agents any mandatory duties of care toward persons and property within its jurisdiction so as to provide a basis of civil liability for damages. This section is declaratory of existing law and is not to be construed as suggesting that such was not the purpose and intent of previous code adoptions.

SECTION 8. Section 101.6 is hereby added to read as follows:

101.6 Amendments.

When reference is made to a portion of this code or other applicable laws or ordinances, the reference applies to all amendments and additions now or hereafter made. Where there is a conflict between amendments, unless otherwise expressly noted, the most recent amendment shall apply.

SECTION 9. Section 101.7 is hereby added to read as follows:

101.7 California Fire Code errata and supplements.

When the California Building Standards Commission approves and publishes errata or supplements to the California Fire Code, Title 24, Part 9, any change made that affects the requirement or meaning of any amendment found in this ordinance shall not necessarily void or alter the requirement of that amendment. The fire code official shall render the interpretation and intent of the amendment with the new language of the errata or supplement as per Section 104.1.

SECTION 10. Section 102.5 is hereby amended to read as follows:

102.5 Application of residential code.

Where structures are designed and constructed in accordance with the *California Residential Code*, the provisions of this code shall apply as follows:

1. Construction and design provisions of this code pertaining to the exterior of the structure shall apply including, but not limited to, premises identification, fire apparatus access and water supplies. Provisions of this code pertaining to the interior of the structure shall apply when specifically required by this code including, but not limited to, Section 903.2.11.7. Requirements pertaining to disconnects, shutoffs, and identification of utility and similar hazards shall apply in all cases unless expressly stated otherwise. Where interior or exterior systems or devices are installed, construction permits required by Section 105.6 of this code shall apply.
2. Administrative, operational, and maintenance provisions of this code shall apply.

SECTION 11. Section 103.1 is hereby amended to read as follows:

103.1 ~~Creation of agency~~ County of Los Angeles Fire Department.

The **~~[INSERT NAME OF DEPARTMENT]~~** ~~is hereby created and the official in charge thereof~~Fire Marshal of the County of Los Angeles Fire Department ("Fire Department"), the Fire Department being the fire authority of the Consolidated Fire

Protection District of Los Angeles County ("District"), shall be known as the fire code official. The ~~function of the agency~~Fire Department ~~shall be~~is charged with the implementation, administration and enforcement of the provisions of this code within the jurisdiction of the District.

SECTION 12. Section 103.2 is hereby amended to read as follows:

103.2 ~~Appointment~~Fire Marshal.

~~The fire code official shall be appointed by the chief appointing authority of the jurisdiction.~~The Fire Chief shall appoint a chief officer to the position of Fire Marshal.

SECTION 13. Section 103.2.1 is hereby added to read as follows:

103.2.1 Health Hazardous Materials Division and Forestry Division staff.

The provisions of this code may be enforced by any duly authorized member of the Health Hazardous Materials Division or the Forestry Division of the Fire Department.

SECTION 14. Section 103.2.2 is hereby added to read as follows:

103.2.2 Enforcement by Commissioner.

The provisions of Section 325 of this code may be enforced by the Agricultural Commissioner of the County of Los Angeles.

SECTION 15. Section 104.1 is hereby amended to read as follows:

104.1 General.

The fire code official is hereby authorized to enforce the provisions of this code. The fire code official shall have the authority to render interpretations of this code and to adopt policies, procedures, rules and regulations in order to implement its provisions or to clarify the application of its provisions. Such interpretations, policies, procedures,

rules and regulations shall be ~~in compliance~~consistent with the intent and purpose of this code. Such policies, procedures, rules and regulations shall not have the effect of waiving requirements specifically provided for in this code. A copy of such interpretations, rules, and regulations shall be filed with the Executive Office of the Board of Supervisors and shall be in effect immediately thereafter.

SECTION 16. Section 104.1.1 is hereby added to read as follows:

104.1.1 Enforcement authority.

Under the Fire Chief's direction, members of the Fire Department are authorized to enforce all ordinances of the jurisdiction and the laws of the State pertaining to:

1. The prevention of fires.
2. The suppression or extinguishment of dangerous or hazardous fires.
3. The storage, use, and handling of hazardous materials.
4. The installation and maintenance of automatic, manual, and other private fire alarm systems and fire-extinguishing equipment.
5. The maintenance and regulation of fire escapes.
6. The maintenance of fire protection and the elimination of fire hazards on land and in buildings, structures, and other property, including those under construction.
7. The maintenance of means of egress.
8. The investigation of the cause, origin, and circumstances of fire and unauthorized releases of hazardous materials.
9. Brush clearance.

10. All other matters within the scope of this code.

Note: For authority related to control and investigation of emergency scenes, see Section 104.11.

SECTION 17. Section 104.5.1 is hereby added to read as follows:

104.5.1 Fire and law enforcement personnel.

The fire code official and designated representatives of the fire code official may issue citations for violations of this code, of the regulations authorized by this code, and of the standards as set forth in Chapter 82 of this code.

When requested to do so by the fire code official, the chief of any law enforcement agency is authorized to assign such available law enforcement officers as necessary to assist the Fire Department in enforcing the provisions of this code.

SECTION 18. Section 104.7 is hereby amended to read as follows:

104.7 Liability.

The fire code official, member of the ~~board of appeals~~fire code appeals review panel, officer or employee charged with the enforcement of this code, while acting for the jurisdiction, in good faith and without malice in the discharge of the duties required by this code or other pertinent law or ordinance, shall not thereby be rendered civilly or criminally liable personally, and is hereby relieved from all personal liability for any damage accruing to persons or property as a result of an act or by reason of an act or omission in the discharge of official duties.

SECTION 19. Section 104.10 is hereby amended to read as follows:

104.10 Alternative materials, design and methods of construction and equipment.

The provisions of this code are not intended to prevent the installation of any material or to prohibit any design or method of construction not specifically prescribed by this code, provided that any such alternative has been approved. An alternative material, design or method of construction shall be approved where the fire code official finds that the proposed design is satisfactory and complies with the intent of the provisions of this code, and that the material, method or work offered is, for the purpose intended, not less than the equivalent of that prescribed in this code in quality, strength, effectiveness, fire resistance, durability and safety. Requests for approval to use an alternate material, assembly of materials, equipment, method of construction, method of installation of equipment or means of protection shall be made in writing to the Fire Marshal by the owner or the owner's authorized representative and shall be accompanied by a justification that is supported by evidence to substantiate any claim being made regarding the requested alternative and its compliance with the intent of this code. The Fire Marshal may require independent tests be performed by an approved testing organization in order to substantiate the proposed alternative.

Approval of a request for use of an alternative material, assembly of materials, equipment, method of construction, method of installation of equipment or means of protection made pursuant to these provisions shall be limited to the particular case covered by the request and shall not be construed as establishing any precedent for any future request. Where the alternative material, design or method of construction is

not approved, the fire code official shall respond in writing, stating the reasons why the alternative was not approved.

SECTION 20. Section 104.11 is hereby amended to read as follows:

104.11 Fire investigations.

The fire code official~~, the fire department or other responsible authority~~ or authorized personnel shall have the authority to investigate promptly the cause, origin and circumstances of any fire, hazardous material incident, explosion, or other hazardous condition which is of suspicious origin. The investigator is authorized to take immediate charge of all physical evidence relating to the cause of the incident, and to pursue the investigation to its conclusion under the direction of the Fire Chief or an authorized deputy Fire Chief, in cooperation with the appropriate law enforcement agency. Information that could be related to trade secrets or processes shall not be made part of the public record, except as directed by a court of law.

SECTION 21. Section 104.12.4 is hereby added to read as follows:

104.12.4 Privately contracted private fire prevention resources.

Any privately contracted private fire prevention resource shall focus on prefire treatment activities and pretreatment of values-at-risk and other nonemergency activities, and shall comply with Sections 104.12.4.1 through 104.12.4.5.

SECTION 22. Section 104.12.4.1 is hereby added to read as follows:

104.12.4.1 Permit required.

A valid operational permit shall be obtained by privately contracted private fire prevention resources. Permits shall be required as set forth in Section 105.5. Privately contracted fire prevention resources shall comply with all State and local requirements.

SECTION 23. Section 104.12.4.2 is hereby added to read as follows:

104.12.4.2 Requirement to obey orders.

Any privately contracted private fire prevention resource must obey all regulations, and legal orders, including evacuation orders, given by the incident commander or incident commander's designee within an emergency area.

SECTION 24. Section 104.12.4.3 is hereby added to read as follows:

104.12.4.3 Required check in.

Upon arriving at the emergency area, any privately contracted private fire prevention resource shall check-in with the incident commander or incident commander's designee.

SECTION 25. Section 104.12.4.4 is hereby added to read as follows:

104.12.4.4 Permit display.

Each privately contracted private fire prevention resource vehicle must display a copy of the valid privately contracted private fire prevention resources permit in clear view from the exterior of the vehicle.

SECTION 26. Section 104.12.4.5 is hereby added to read as follows:

104.12.4.5 Liaison.

Privately contracted private fire prevention resources shall have a liaison at the incident command post.

SECTION 27. Section 105.1 is hereby amended to read as follows:

105.1 General.

Permits shall be in accordance with Sections 105.1.1 through 105.6.~~24~~25.

SECTION 28. Section 105.1.1.1 is hereby added to read as follows:

105.1.1.1 Fee schedule.

For fee amounts, refer to the currently adopted version of the Fire-Code Fee Schedule, Appendix QQ of this code.

SECTION 29. Section 105.5 is hereby amended to read as follows:

105.5 Required operational permits.

The fire code official is authorized to issue operational permits for any activities within the scope of this code, ~~the operations~~including but not limited to those set forth in Sections 105.5.2 through 105.5.~~52~~55.

SECTION 30. Section 105.5.10 is hereby amended to read as follows:

105.5.10 Covered and open mall buildings.

An operational permit is required for:

1. The placement of retail fixtures and displays, concession equipment, displays of highly combustible goods and similar items in the mall.
2. The display of liquid- or gas-fired equipment in the mall.
3. The use of open-flame or flame-producing equipment in the mall.
4. The use of a mall as a place of assembly.

SECTION 31. Section 105.5.16 is hereby amended to read as follows:

105.5.16 Explosives.

An operational permit is required for the manufacture, storage, handling, sale or use of any quantity of explosives, explosive materials, fireworks, or pyrotechnic special effects within the scope of Chapter 56 of this code, or when a local permit or approval

from the fire code official is required by the California Code of Regulations, Title 19, Division 1, Chapter 6 – Fireworks, or Chapter 10 – Explosives. *See Health and Safety Code Division 11, Part 1, Section 12000, et seq. for additional requirements.*

Exceptions:

1. Storage in Group R-3 occupancies of smokeless propellant, black powder and small arms primers for personal use, not for resale and in accordance with Section 5606.
2. Small arms ammunition of .75 caliber or less, cartridges for propellant-actuated power devices and cartridges for industrial guns, 20 pounds or less of smokeless powder, five pounds or less of black sporting powder providing such smokeless or black sporting powder is for the hand loading of small arms or small arms ammunition of .75 caliber or less and that it is for personal use and not for resale.
3. The possession, and use of California State Fire Marshal classified safe and sane fireworks as allowed by State law and local ordinance in accordance with California Health and Safety Code Section 12541.1.
4. The possession, and use of California State Fire Marshal classified snap caps or party poppers pyrotechnic devices in accordance with California Code of Regulations, Title 19, Public Safety.

SECTION 32. Section 105.5.18 is hereby amended to read as follows:

105.5.18 Flammable and combustible liquids.

An operational permit is required:

. . .

6. To operate tank vehicles, equipment, tanks, plants, terminals, wells, including natural gas wells, fuel-dispensing stations, refineries, distilleries and similar facilities where flammable and combustible liquids are produced, processed, transported, stored, dispensed, or used. See Section 5706.3.9 for oil and natural gas wells.

. . .

12. Allow a tank car to remain on a siding at the point of delivery while connected for transfer operations. Transfer operations shall be in accordance with Department of Transportation requirements and this code.

SECTION 33. Section 105.5.22 is hereby amended to read as follows:

105.5.22 Hazardous materials.

An operational permit is required to store, transport on site, dispense, use or handle hazardous materials in excess of the amounts listed in Table 105.5.22. In addition, unified program facility permits are required by Chapters 12.50, 12.52, and 12.64 of Title 12, Environmental Protection, of the County Code.

SECTION 34. Section 105.5.24 is hereby amended to read as follows:

105.5.24 High-piled combustible storage.

An operational permit is required to use a building or portion thereof with more than 500 square feet (46 m^2), including aisles, of high-piled combustible storage. In addition to any of the requirements of Chapter 32 of this code, a letter describing the type and amount of material to be stored and the method of storage, plus a floor plan showing the dimension and location of the stockpiles and aisles shall be submitted with applications for such permits.

SECTION 35. Section 105.5.29 is hereby amended to read as follows:

105.5.29 LP-gas. An operational permit is required for:

1. Storage and use of LP-gas.

Exceptions: ~~A permit is not required for individual containers with a 500-gallon (1893 L) water capacity or less or multiple container systems having an aggregate quantity not exceeding 500 gallons (1893 L), serving occupancies in Group R-3.~~

a. A permit is not required for an individual nonportable outdoor container with a 500-gallon (1893 L) water capacity or less, or for multiple nonportable outdoor containers or outdoor nonportable container systems having an aggregate quantity not exceeding 500 gallons (1893 L) water capacity serving occupancies in Group R-3 on one premises.

b. A permit is not required for outdoor portable containers of less than 125-gallon (473.2 L) aggregate water capacity on one premises.

c. A permit is not required for the storage of LP-gas in Department of Transportation specification cylinders with a maximum water capacity of 2½ pounds (1 kg) used in completely self-contained hand torches and similar applications stored or displayed at a consumer or retail site and the total aggregate capacity of all LP-gas containers does not exceed 200 pounds as allowed per Section 6109.9 of this code.

2. Operation of cargo tankers that transport LP-gas.

SECTION 36. Section 105.5.34 is hereby amended to read as follows:

105.5.34 Open burning.

An operational permit is required for the kindling or maintaining of an open fire or a fire on any public street, alley, road, or other public or private ground. Instructions and stipulations of the permit shall be complied with.

Exception: ~~R~~A recreational fire~~s~~ is subject to the provisions of this code, but is exempt from need for a permit provided that all of the following apply:

1. The fire is not located in a wildfire risk area or in a very high, high, or moderate fire hazard severity zone, except where located on private property with consent of the owner; meeting the size

requirements in #2, below; and meeting the requirements of Sections 307.4 through 307.5.

2. The fire conforms to the definition of a "recreational fire", which limits the size of the fire to a total fuel area of 3 feet (914 mm) or less in diameter and 2 feet (610 mm) or less in height; limits the combustibles to burning no rubbish; and restricts the purpose of the fire to pleasure, religious, ceremonial, cooking, warmth or similar.

For restrictions and requirements for each type of open burning, including but not limited to bonfires and recreational fires, see Section 307. For fires, including a small fire, in wildfire risk areas, see "Activities in wildfire risk areas" permit requirements (Sections 105.5.55.1 and 326.2).

SECTION 37. Section 105.5.42 is hereby amended to read as follows:

105.5.42 Pyrotechnic special effects material.

An operational permit is required for use and handling of pyrotechnic special effects material. *See Health and Safety Code Division 11, Part 2, Section 12500, et seq. for additional requirements.* For pyrotechnic and special effects used for motion picture, television, and commercial productions, see Section 105.5.54(2).

SECTION 38. Section 105.5.46 is hereby amended to read as follows:

105.5.46 Rooftop ~~heliports~~helicopter facilities.

An operational permit is required for the operation of a rooftop ~~heliport~~helicopter facility, including but not limited to one referred to in this code as an Emergency Helicopter Landing Facility (EHLF) for high-rise buildings. See Sections 2007.9 through 2007.11.1.

Issuance of this permit shall be determined at the level of the Fire Marshal, on a case-by-case basis.

SECTION 39. Section 105.5.54 is hereby amended to read as follows:

105.5.54 ***~~Additional~~*** **Film and production** ***permits.***

In addition to the permits required by Section 105.6, the following permits shall be obtained from the ~~Bureau of~~ Fire Prevention Division *prior to engaging in the following activities, operations, practices, or functions:*

1. ***Production facilities****. To change use or occupancy, or allow the attendance of a live audience, or for wrap parties.*

2. **Motion picture, television, commercial, and related production filming — *~~P~~pyrotechnics and special effects.*** *To use pyrotechnic special effects, open flame,* hot work, *use of flammable or combustible liquids and gases,* dust, *welding, and the parking of motor vehicles in any building or location used for the purpose of motion picture, television and commercial production.*

3. ***Live audiences.*** *To install seating arrangements for live audiences in approved production facilities, production studios and sound stages. See Chapter 48.*

4. **Motion picture, television, commercial, and related production filming.** An operational permit is required to conduct motion picture, television, commercials, and related productions outside of an approved production facility.

5. **Motion picture, television, commercial, and related production filming — fuel-dispensing trucks and vehicles.** An annual operational permit is required to dispense flammable or combustible liquids, liquefied petroleum gases, or compressed natural gas from trucks or vehicles to equipment and vehicles on motion picture, television, and commercial production locations.

6. **Commercial still photography production with on-site cast and crew numbering fifteen (15) or more persons.** An operational permit is required to take still photographs for commercial purposes outside of an approved production facility and where the on-site cast and crew numbers fifteen (15) or more persons.

SECTION 40. Section 105.5.55 is hereby added to read as follows:

105.5.55 Additional required operational permits.

The fire code official is authorized to issue permits for any of the following:

SECTION 41. Section 105.5.55.1 is hereby added to read as follows:

105.5.55.1 Activities in wildfire risk areas.

An operational permit is required for any of the activities as described in Section 326.2 of this code.

SECTION 42. Section 105.5.55.2 is hereby added to read as follows:

105.5.55.2 Automobile wrecking yards.

See Chapter 81, AUTOMOBILE WRECKING YARDS.

SECTION 43. Section 105.5.55.3 is hereby added to read as follows:

105.5.55.3 Bonfire.

An operational permit is required for a bonfire, which is defined in this code as "An outdoor fire utilized for ceremonial purposes," and shall be subject to the requirements of open burning. See "Open burning" permit requirement (Sections 105.5.34 and 307), and "Activities in wildfire risk areas" permit requirements (Section 105.5.55.1 and 326.2).

SECTION 44. Section 105.5.55.4 is hereby added to read as follows:

105.5.55.4 Helicopter landing facility.

An operational permit is required for nonemergency use of any helicopter landing facility that is intended for emergency use, even if not exclusively; or that is required by the code. See Sections 2007.9 through 2007.11.1. For a "rooftop helicopter facility," see operational permit by that name.

SECTION 45. Section 105.5.55.5 is hereby added to read as follows:

105.5.55.5 Mass-gathering event.

If attendance is greater than 5,000 people, the event shall be in accordance with Reference No. 842 of the County of Los Angeles Department of Health Services Prehospital Care Manual, and a permit for mass-gathering event shall be required. See Section 403.11.2.

SECTION 46. Section 105.5.55.6 is hereby added to read as follows:

105.5.55.6 Model rockets.

An operational permit is required to operate a model rocket motor or an experimental high-powered rocket motor as defined in Title 19 California Code of

Regulations, Section 980. See Sections 5611, MODEL ROCKETS, and 5612, EXPERIMENTAL HIGH POWER ROCKETS AND MOTORS.

SECTION 47. Section 105.5.55.7 is hereby added to read as follows:

105.5.55.7 Pallet yard.

An operational permit is required to store, manufacture, refurbish, or otherwise handle greater than 2,500 cubic feet (71 m^3) of combustible plastic or wood pallets in an outdoor yard.

SECTION 48. Section 105.5.55.8 is hereby added to read as follows:

105.5.55.8 Parade float.

An operational permit is required to use a parade float for public performance, presentation, spectacle, entertainment, or parade. See Section 324, PARADE FLOATS.

SECTION 49. Section 105.5.55.9 is hereby added to read as follows:

105.5.55.9 Privately contracted private fire prevention resource.

An operational permit is required for any privately contracted resource to conduct private fire prevention activities in an emergency area. Privately contracted fire prevention resources shall comply with all State and local requirements.

See Section 104.12.4, Privately contracted fire prevention resources.

SECTION 50. Section 105.5.55.10 is hereby added to read as follows:

105.5.55.10 Recreational fire.

See "Open burning" permit (Sections 105.5.34 and 307), and "Activities in wildfire risk areas" permit (Sections 105.5.55.1 and 326.2) requirements.

SECTION 51. Section 105.5.55.11 is hereby added to read as follows:

105.5.55.11 Rifle range.

An operational permit is required to establish, maintain, or operate a rifle range. See Section 326.2, and Appendix RR, RIFLE RANGE.

SECTION 52. Section 105.6 is hereby amended to read as follows:

105.6 Required construction permits.

The fire code official is authorized to issue construction permits for ~~work as~~any activities within the scope of this code, including but not limited to, those set forth in Sections 105.6.1 through 105.6.~~24~~25.

SECTION 53. Section 105.6.15 is hereby amended to read as follows:

105.6.15 LP-gas.

A construction permit is required for installation of, or modification to, an LP-gas system. Maintenance performed in accordance with this code is not considered to be a modification and does not require a permit. Also see Section 6101.3.

SECTION 54. Section 105.6.25 is hereby added to read as follows:

105.6.25 Additional required construction permits.

The fire code official is authorized to issue permits for any of the following:

SECTION 55. Section 105.6.25.1 is hereby added to read as follows:

105.6.25.1 Fuel modification plan review.

Review and approval by the fire code official is required prior to the installation of landscaping that is required to be fire resistive by this code or by another requirement enforced by the fire code official. See Chapter 49, REQUIREMENTS FOR WILDLAND-URBAN INTERFACE FIRE AREAS.

SECTION 56. Section 105.6.25.2 is hereby added to read as follows:

105.6.25.2 Land development plan review.

When required by law or other agencies, review and approval by the fire code official is required prior to final approval of the following applications: tract maps, parcel maps, final maps, planned unit developments, conditional use permits, design overlay reviews, environmental impact reviews, road vacations, zone changes, water plan reviews, and gate design review for land development projects. See Section 328, LAND DEVELOPMENT AND ENVIRONMENTAL REVIEW FEES.

SECTION 57. Section 106.2.1 is hereby amended to read as follows:

106.2.1 Information on construction documents.

Construction documents shall be drawn to scale on ~~suitable material~~substantial paper. Documents in a digital format are allowed to be submitted where approved by the fire code official. Construction documents shall be of sufficient clarity to indicate the location, nature and extent of the work proposed and show in detail that it will conform to the provisions of this code and relevant laws, ordinances, rules and regulations as determined by the fire code official. The first sheet of each set of plans shall give the street address of the property, the assessor's parcel number, the name and address of the owner, and persons who prepared the plans. Plans shall also include a plot plan showing the location of the proposed building and of every existing building on the property.

SECTION 58. Section 106.2.4.2 is hereby added to read as follows:

106.2.4.2 Expiration of construction documents approval by fire code official when no building permit issued.

A fire code official construction document approval necessary for a building permit to be issued, for which the building official ultimately does not issue a building permit, shall expire one year after the date of approval by the fire code official. Construction documents including plans, specifications, and computations previously submitted may thereafter be returned to the applicant or destroyed by the fire code official. The fire code official may extend the time for action by the applicant for a period of six months beyond the one-year limit upon written request by the applicant showing that circumstances beyond the control of the applicant have prevented action from being taken. No construction or plan approval document shall be extended more than twice.

Once a construction document approval and any extension thereof has expired, the applicant shall resubmit construction documents including plans, specifications, computations, and payment of plan review fees. Construction document approval for which a building permit has been issued and thereafter expired according to the Building Code shall be null and void. In such circumstances, construction documents including plans, specifications, and computations shall be resubmitted for construction document approval.

SECTION 59. Section 106.4 is hereby amended to read as follows:

106.4 Retention of construction documents.

One set of construction documents shall be retained by the fire code official for a period of not less than ~~180~~90 days from date of completion of the permitted work, or as required by Section 19850 of the California Health and Safety Code, or other applicable state or local laws. One set of approved construction documents shall be returned to the applicant, and said set shall be kept on the site of the building or work at all times during which the work authorized thereby is in progress.

SECTION 60. Section 107.3 is hereby amended to read as follows:

107.3 ~~Permit valuations~~Reserved.

~~The applicant for a permit shall provide an estimated permit value at the time of application. Permit valuations shall include the total value of work, including materials and labor, for which the permit is being issued, such as electrical, gas, mechanical, plumbing equipment and permanent systems. If, in the opinion of the fire code official, the valuation is underestimated on the application, the permit shall be denied unless the applicant can show detailed estimates to meet the approval of the fire code official. Final permit valuation shall be set by the fire code official.~~

SECTION 61. Section 107.6.1 is hereby added to read as follows:

107.6.1 Plan review refunds.

No portion of the plan review fee shall be refunded, unless no review has been performed on a set of plans, in which case 80 percent of the plan review fee shall be refunded.

SECTION 62. Section 109.7 is hereby added to read as follows:

109.7 Occupant count.

When required by the fire code official, the permittee holding a place of assembly operational permit shall use an approved method to maintain an accurate count of the number of occupants present in a place of an assembly room including any accessory areas. If at any time the fire code official determines that an accurate count of occupants is not being maintained by the permittee, the assembly room and accessory areas shall be cleared of occupants until an accurate occupant count can be made.

SECTION 63. Section 111.1 is hereby amended to read as follows:

111.1 ~~Board of appeals established~~Appeals process.

~~In order to hear and decide appeals of orders, decisions or determinations made by the fire code official relative to the application and interpretation of this code, there shall be and is hereby created a board of appeals. The board of appeals shall be appointed by the applicable governing authority and shall hold office at its pleasure. The board shall adopt rules of procedure for conducting its business, and shall render all decisions and findings in writing to the appellant with a duplicate copy to the fire code official.~~ When an applicant seeking an approval from the fire code official disagrees with the decision of the fire code official regarding the conditions, methods of construction, equipment, or operations regulated by this code, the applicant may file a written appeal to the Assistant Fire Chief of the Fire Prevention Division (i.e., the Fire Marshal) pursuant to Section 109.2 of this code. A written appeal must be submitted no later than 30 days after the applicant has notice of the decision being appealed. The Fire Marshal, after considering all the facts presented, including any communication

from the general public regarding the matter appealed, shall provide a written decision responding to the appeal. If the applicant is not satisfied with the decision of the Fire Marshal, the applicant shall, within 10 days of receipt of the Fire Marshal's decision, request in writing that the decision be reviewed by a fire code appeals review panel, a three-person panel consisting of the following individuals: the Deputy Fire Chief of Prevention, the Deputy Fire Chief of Operations, and the jurisdictional Building Official, or equivalent, or designee thereof. The fire code appeals review panel shall transmit its written decision on the appeal to the applicant. The fire code appeals review panel shall be the final authority in the appeals process.

SECTION 64. Section 111.2 is hereby amended to read as follows:

111.2 Limitations on authority.

An ~~application~~applicant's ~~for~~appeal shall be based on a claim that the true intent of this code or the ~~rules legally~~regulations adopted thereunder have been incorrectly interpreted, that the provisions of this code do not ~~fully~~apply, or that an equivalent or better form of construction ~~is~~was proposed by the applicant and was denied by the fire code official. The ~~board shall not have authority~~appeals process shall not be used to waive requirements of this code or interpret the administration of this code.

For an appeal regarding fuel modification plan requirements, an applicant must use the appeals process as per Section 4906.3.3.

SECTION 65. Section 111.3 is hereby amended to read as follows:

111.3 Qualifications.

The ~~board of~~fire code appeals review panel shall consist of ~~members who are qualified by experience and training to pass on matters pertaining to hazards of fire,~~

~~explosions, hazardous conditions or fire protection systems, and are not employees of the jurisdiction~~the Deputy Chief of Prevention, the Deputy Chief of Operations, and the jurisdictional Building Official, or equivalent, or designee thereof.

SECTION 66. Section 111.4 is hereby amended to read as follows:

111.4 Administration.

The fire code official shall take immediate action in accordance with the decision of the ~~board~~fire code appeals review panel.

SECTION 67. Section 112.4 is hereby amended to read as follows:

112.4 Violation penalties.

Persons who shall violate a provision of this code or shall fail to comply with any of the requirements thereof or who shall erect, install, alter, repair or do work in violation of the approved construction documents or directive of the fire code official, or of a permit or certificate used under provisions of this code, shall be guilty of a ~~[SPECIFY OFFENSE]~~misdemeanor unless such violation is declared to be an infraction by Chapter 82 of this code, punishable by a fine of not more than ~~[AMOUNT] dollars~~$1,000 or by imprisonment not exceeding ~~[NUMBER OF DAYS]~~six months, or both such fine and imprisonment. Each day that a violation continues after due notice has been served shall be deemed a separate offense. For the purposes of this section, a forfeiture of bail shall be equivalent to a conviction.

SECTION 68. Section 112.4.1 is hereby amended to read as follows:

112.4.1 Abatement of violation.

In addition to the imposition of penalties herein described, the fire code official is authorized to institute appropriate action to prevent unlawful construction or to restrain,

correct, or abate a violation; or to prevent illegal occupancy of a structure or premises; or to stop an illegal act, conduct of business or occupancy of a structure on or about any premises.

The owner of any parcel upon which a nuisance is found to exist may, as provided for by State, County, and local law, be liable for all costs of abatement of the nuisance.

SECTION 69. Section 112.5 is hereby added to read as follows:

112.5 Responsibility for fire suppression and related costs.

Any person: (1) who negligently, or in violation of the law, sets a fire, allows a fire to be set, or allows a fire kindled or attended by him/her to escape onto any public or private property; (2) other than a mortgagee, who, being in actual possession of a structure, fails or refuses to correct, within the time allotted for correction, despite having the right to do so, a fire hazard prohibited by law, for which a public agency properly has issued a notice of violation respecting the hazard; or (3) including a mortgagee, who, having an obligation under other provisions of law to correct a fire hazard prohibited by law, for which a public agency has properly issued a notice of violation respecting the hazard, fails or refuses to correct the hazard within the time allotted for correction, despite having the right to do so, is liable for the fire suppression costs incurred in fighting the fire, for the cost of providing rescue or emergency medical services, for the cost of investigating and making any reports with respect to the fire, and for the costs relating to accounting for that fire and the collection of any funds pursuant to State or local law, including but not limited to, administrative costs of operating a fire suppression cost recovery program to the fullest extent authorized by law. All of these

costs shall be a charge against that person, shall constitute a debt of that person, and is collectible by the federal, State, County, public, or private agency, incurring those costs in the same manner as in the case of an obligation under a contract, expressed or implied.

SECTION 70. Section 112.5.1 is hereby added to read as follows:

112.5.1 Responsibility for costs for emergency response related to hazardous substances.

All expenses of an emergency response necessary to protect the public from a real and imminent threat to health and safety by a public agency to confine, prevent, or mitigate the release, escape, or burning of hazardous substances are a charge against any person whose negligence causes the incident to the fullest extent authorized by law, if either of the following occurs:

1. Evacuation beyond the property where the incident originates is necessary to prevent loss of life or injury.
2. The incident results in the spread of hazardous substances or fire posing a real and imminent threat to public health and safety beyond the property of origin.

Expenses reimbursable to the County or Fire District pursuant to this section are a debt of the person liable therefor, and shall be collectible in the same manner as in the case of an obligation under contract, express or implied. The charge created against the person related to hazardous substances by this section is also a charge against the person's employer if the negligence causing the incident occurs in the course of the person's employment.

SECTION 71. Section 113.1 is hereby amended to read as follows:

113.1 Order.

Where the fire code official finds any work regulated by this code being performed in a manner contrary to the provisions of this code, or in a dangerous or unsafe manner, the fire code official is authorized to issue a stop work order. The fire code official is authorized to order the work, the operation, or the use stopped or the evacuation of any premises, building, or vehicle or portion thereof which has or is a condition hazardous to life or property.

SECTION 72. Section 113.4 is hereby amended to read as follows:

113.4 Failure to comply.

Any person who shall continue any work after having been served with a stop work order, except such work as that person is directed to perform to remove a violation or unsafe condition, shall be ~~subject to fines established by the authority having jurisdiction~~liable for administrative fines and subject to prosecution as allowed by Title 1, Section 1.25 of the County Code or other applicable laws or regulations.

SECTION 73. Section 114.1.1 is hereby amended to read as follows:

114.1.1 Unsafe conditions.

Structures or existing equipment that are or hereafter become unsafe, insanitary or deficient because of inadequate means of egress, inadequate light and ventilation, or that constitute a fire hazard, are otherwise dangerous to human life or the public welfare, or involve illegal or improper occupancy or inadequate maintenance, dilapidation, obsolescence, hazardous material contamination, disaster damage, or abandonment as specified in this code shall be deemed an unsafe condition. Unsafe

structures shall be taken down and removed or made safe, as the fire code official deems necessary and as provided for in this section. A vacant structure that is not secured against unauthorized entry shall be deemed unsafe.

SECTION 74. Section 202 is hereby amended to read as follows:

202 GENERAL DEFINITIONS

. . .

AREA OF FIREFIGHTING OPERATIONS. Those portions of the fire apparatus access road in which the structure's exterior walls face the required fire apparatus access road. The area of firefighting operations also includes the area in between such portions of the fire apparatus roads and the structure.

. . .

BONFIRE. An outdoor fire utilized for ceremonial purposes. A bonfire is a fire that would otherwise be considered a recreational fire except that it exceeds the size restrictions of a recreational fire, those being a total fuel area of 3 feet (914 mm) or less in diameter and 2 feet (610 mm) or less in height.

. . .

COMMISSIONER. Shall mean the Agricultural Commissioner/Director of Weights and Measures for the County of Los Angeles.

. . .

CROWD MANAGER. Standby personnel, usually security or usher personnel, who are trained in the proper procedure to exit people from a tent or other place of public assemblage in an orderly and calm fashion in the event of an emergency.

. . .

EMERGENCY AREA. The geographical area where the fire code official, exercising authority pursuant to Section 104.11 at the scene of a fire or other emergency involving the protection of life or property, has declared there is an immediate risk to health, life, property, or the environment within that area.

. . .

EMERGENCY HELICOPTER LANDING FACILITY (EHLF). A clear area at ground level or on the roof of a building capable of accommodating a helicopter engaged in firefighting and/or emergency evacuation operations.

. . .

FIRE APPARATUS ACCESS ROAD. A road that provides fire apparatus access from a fire station to a facility, building or portion thereof. This is a general term inclusive of all other terms such as fire lane, public street, private street, private driveway, parking lot lane and access roadway.

. . .

FIRE- FLOW. See Appendix B, Section B102.

FIRE HAZARD SEVERITY ZONES. See Section 4902.1.

. . .

FIRE WATCH. A temporary measure intended to ensure continuous and systematic surveillance of a premises, building, or portion thereof, by one or more qualified individuals for the sole purposes of identifying and controlling fire hazards, detecting early signs of unwanted fire, raising an alarm of fire, alerting the occupants, and notifying the fire department. Also see Section 401.10, Fire watch procedures.

. . .

FLOAT. A floating structure normally used as a point of transfer for passengers and goods, or both, for mooring purposes. Not to be confused with "Parade Float" (as in Section 324).

FLOATING LUMINARY is a floating airborne device containing open flaming or smoldering material capable of causing ignition to combustibles with which it may come into contact. Floating luminaries may also be referred to as sky lanterns, flying lanterns, sky candles, and wish lanterns. Also see "Sky Lantern."

. . .

FUEL MODIFICATION. Shall mean any modification or removal of fuels to reduce the likelihood of ignition or the resistance to fire control.

. . .

GOVERNING BODY. Shall mean the official board or council elected to rule the municipality or other public agency.

. . .

HAZARDOUS MATERIALS. Those chemicals or substances which are physical hazards or health hazards as defined and classified in this chapter, whether the materials are in usable or waste condition. Hazardous materials mixtures are those substances that contain one percent or more of a hazardous ingredient, or one-tenth of one percent of a carcinogen. This definition includes, but is not limited to, those hazardous wastes, hazardous materials, and extremely hazardous wastes listed in the California Code of Regulations, Title 22, Division 4.5, Chapter 11, Article 5: Section 66261.126 and Appendix X.

. . .

HAZARDOUS WASTE. Shall mean a waste, or combination of wastes, which because of its quantity, concentration, or physical, chemical, or infectious characteristics poses a substantial present or potential hazard to human health or the environment when improperly treated, stored, transported, or disposed of, or otherwise managed.

HAZARDOUS WASTE CONTROL LAW. Shall mean the State law which implements a cradle-to-grave management system found in the California Health and Safety Code.

. . .

HEALTH HAZARDOUS MATERIALS DIVISION (HHMD). Shall mean a part of the Consolidated Fire Protection District of Los Angeles County (District) or Los Angeles County Fire Department, Prevention Services Bureau, that is responsible for regulating hazardous materials business plans and chemical inventories, hazardous waste generators, on-site treatment of hazardous waste, risk management plans for responding with hazardous materials squads to emergency incidents involving hazardous materials, supervising cleanup of on-site and containment facilities, and declaring emergency response scenes safe for re-entry.

. . .

MALIBU–SANTA MONICA MOUNTAIN. See Appendix PP, Section PP103.

. . .

SAN GABRIEL SOUTHFACE AREA. See Appendix PP, Section PP103.

. . .

SPECIAL AMUSEMENT *AREA*. A special amusement *area* is *any* temporary ~~or~~, permanent, or mobile building or portion thereof that is occupied for amusement, entertainment or educational purposes and *is arranged in a manner that*:

1. *Makes the means of egress path not readily apparent due to visual and audio distractions, or*
2. *Intentionally confounds identification of the means of egress path, or*
3. *Otherwise makes the means of egress path not readily available because of the nature of the attraction or mode of conveyance through the special amusement area, building, structure or portion thereof.*

. . .

UNAUTHORIZED DISCHARGE. A release or emission of materials in a manner which does not conform to the provisions of this code or applicable public health and safety regulations. This shall mean any spilling, leaking, releasing, leaching, emptying, dumping, or disposing of a hazardous material/waste into the environment, unless permitted by a regulatory agency.

UNIFIED PROGRAM. Consolidates six environmental programs regarding the management of hazardous waste, hazardous materials, and underground storage tanks under one management system.

UNIFIED PROGRAM FACILITY PERMIT. A consolidated permit issued pursuant to Section 25284 of the Health and Safety Code and Division 4 of Title 11 of the County Code relating to the underground storage of hazardous materials,

Chapter 12.52 of Title 12 of the County Code relating to the generation or handling of hazardous waste or extremely hazardous waste, Chapter 12.64 of Title 12 of the County Code relating to handling of hazardous materials or acutely hazardous materials, and those city codes or resolutions related to the unified program elements administered by those cities as participating agencies to the Los Angeles County Certified Unified Program Agency.

. . .

WASTE. A material that has been used or for whatever reason can or will no longer be used for its intended purpose, or has been discarded and not specially excluded by Health and Safety Code, Division 20, Chapter 6.5.

WATER UTILITY. An organization that provides water within a geographic service area and the water purveyor is recognized by the County of Los Angeles Fire Department.

WATER UTILITY SERVICE AREA. A geographic area in which a water purveyor could provide the required fire flow from approved fire hydrants for firefighting purposes.

. . .

SECTION 75. Section 301.2 is hereby amended to read as follows:

301.2 Permits.

Permits shall be required as set forth in Section 105.5 for the activities or uses regulated by Sections 306, 307, 308, 315, 320 ~~*and*~~ *322*, 324, 326, and 328.

SECTION 76. Section 302.1 is hereby amended to read as follows:

302.1 Definitions.

The following terms are defined in Chapter 2:

. . .

BONFIRE.

COMMISSIONER.

FIRE HAZARD SEVERITY ZONES.

FLOATING LUMINARY.

GOVERNING BODY.

. . .

SECTION 77. Section 304.1.1 is hereby amended to read as follows:

304.1.1 Waste material.

Accumulations of wastepaper, wood, hay, straw, weeds, litter or combustible or flammable waste or rubbish of any type shall not be permitted to remain on a roof; under a ground-mounted photovoltaic array; ~~or~~ in any court, yard, vacant lot, alley, parking lot, or open space~~,~~; or beneath a grandstand, bleacher, pier, wharf, manufactured home, recreational vehicle or other similar structure.

SECTION 78. Section 304.1.2 is hereby amended to read as follows:

304.1.2 Vegetation.

Weeds, grass, vines or other growth that is capable of being ignited and endangering property, shall be cut down and removed by the owner or occupant of the premises. Vegetation clearance requirements in wildland-urban interface areas shall be in accordance with Section 325 and *Chapter 49* of this code.

SECTION 79. Section 304.2.1 is hereby added to read as follows:

304.2.1 Removal.

Combustible rubbish stored in containers outside of noncombustible vaults or rooms shall be removed from buildings at least once each working day or at intervals specified by the fire code official. The storage or accumulation of combustible waste matter within any building in such a quantity or location as to constitute a fire hazard is prohibited.

SECTION 80. Section 307.1 is hereby amended to read as follows:

307.1 General.

A person shall not kindle or maintain or authorize to be kindled or maintained any open burning unless conducted and approved in accordance with Sections 307.1.1 through 307.~~5~~7.

SECTION 81. Section 307.2 is hereby amended to read as follows:

307.2 Permit required.

A permit shall be obtained from the fire code official in accordance with Section 105.5 prior to kindling a fire for recognized silvicultural or range or wildlife management practices, prevention or control of disease or pests, or a bonfire. Application for such approval shall only be presented by and permits issued to the owner of the land on which the fire is to be kindled.

A permit shall be obtained from the fire code official in accordance with Section 105.5 prior to kindling a recreational fire where the fuel is not contained as described in Chapter 3 nor limited as defined in Section 202, RECREATIONAL FIRE, to

having a total fuel area of 3 feet (914 mm) or less in diameter and 2 feet (610 mm) or less in height, for pleasure, religious, ceremonial, cooking, warmth or similar purposes.

SECTION 82. Section 307.2.1 is hereby amended to read as follows:

307.2.1 Authorization.

Where required by ~~s~~State or local law or regulations, open burning shall only be permitted with prior approval from the fire code official, a United States Forest Service Officer having jurisdiction, or the ~~s~~State or local air and water quality management authority, provided that all conditions specified in the authorization are followed.

SECTION 83. Section 307.6 is hereby added to read as follows:

307.6 Open fires.

Permits shall be required as set forth in Section 105.6.

A person shall not build, light, maintain, or cause or permit to be built, lighted, or maintained, any open outdoor fire or use or cause or permit to be used, any open outdoor fire for any purpose except:

1. When such fire is set or permission for such fire is given in the performance of the official duty of any public officer, and the fire, in the opinion of such public officer, is necessary for:
   (i) The purpose of the prevention of a fire hazard which cannot be abated by any other means; or
   (ii) The instruction of public employees in the methods of fighting fire.

2. When such fire is set pursuant to permit on property used for industrial or institutional purposes for the purpose of instruction of employees in methods of fighting fire.

3. When such fire is set in the course of any agricultural operation in the growing of crops or raising of fowl or animals.

4. On a public beach area owned, managed, or controlled by the County, otherwise permitted by this code.

5. In a County-owned park or recreation camp as otherwise permitted by this code.

6. Bonfires permitted by the fire code official.

7. For cooking, recreational, or ceremonial fires on private property with a maximum fuel area of 3 feet (914 mm) or less in diameter and 2 feet (610 mm) or less in height, in locations outside of wildfire risk areas.

SECTION 84. Section 307.7 is hereby added to read as follows:

307.7 Designated open fire areas.

The fire code official is authorized to designate places on private property, with the permission of the owner thereof, or upon any public road, or within any public park, or upon any public land, where open fires may be built.

The fire code official may place or cause to be placed uniform signs or posters on or at such premises indicating the place or limits where such fires may be built and maintained without further permission; however, it shall be unlawful to leave, or cause or permit to be left unattended, any fire burning in such place.

SECTION 85. Section 308.1.4 is hereby amended to read as follows:

308.1.4 ~~Open-flame cooking devices~~Reserved.

~~Charcoal burners and other open-flame cooking devices shall not be operated on combustible balconies or within 10 feet (3048 mm) of combustible construction.~~

~~Exceptions:~~

~~1. One- and two-family dwellings.~~

~~2. Where buildings, balconies and decks are protected by an automatic sprinkler system.~~

~~3. LP-gas cooking devices having LP-gas container with a water capacity not greater than $2^{1}/_{2}$ pounds [nominal 1 pound (0.454 kg) LP-gas capacity].~~

SECTION 86. Section 308.1.6.3 is hereby amended to read as follows:

308.1.6.3 Sky lanterns/floating luminaries.

~~A person shall not release or cause to be released an untethered sky lantern.~~ The use or release of a floating luminary is prohibited.

Exception: When a permit is issued by the fire code official for use or release of a floating luminary for ceremonial, educational, or research purposes and where safeguards approved by the fire code official are used to prevent unintended ignition of combustibles. Floating luminary use or release shall be allowed only at a specific location and during prescribed weather conditions.

SECTION 87. Section 311.5 is hereby amended to read as follows:

311.5 Placards.

When required by the fire code official, ~~A~~any vacant or abandoned buildings or structures determined to be unsafe pursuant to Section ~~111~~114 of this code relating to structural or interior hazards shall be marked as required by Sections 311.5.1 through 311.5.5.

SECTION 88. Section 314.4 is hereby amended to read as follows:

314.4 Vehicles.

Liquid-fueled or gaseous-fueled vehicles, aircraft, boats or other motorcraft shall not be located indoors except as follows:

1. The engine starting system is made inoperable or batteries are disconnected except where the fire code official requires that the batteries remain connected to maintain safety features.
2. Fuel in fuel tanks does not exceed ~~one-quarter tank or 5 gallons (19 L) (whichever is least).~~any of the following:
   - 2.1. Class I, II and III liquid fuel does not exceed one-quarter tank or 5 gallons (19 L), whichever is less.
   - 2.2. LP gas does not exceed one-quarter gallon tank or 6.6 gallons (25 L), whichever is less.
   - 2.3. CNG does not exceed one-quarter tank or 630 cubic feet (17.8 m^3), whichever is less.
   - 2.4. Hydrogen does not exceed one-quarter tank or 2000 cubic feet (0.57 m^3), whichever is less.

3. Fuel tanks and fill openings are closed and sealed to prevent tampering.

4. Vehicles, aircraft, boats or other motorcraft equipment are not fueled or defueled within the building.

5. The fire code official is authorized to make additional requirements and restrictions, or to deny permission for the display, based upon the hazards inherent with the display, such as but not limited to those associated with the battery technology of the vehicle.

SECTION 89. Section 316.6.1 is hereby amended to read as follows:

316.6.1 Structures.

Structures shall not be constructed within the utility easement beneath high-voltage transmission lines.

Exceptions: Restrooms and unoccupied telecommunications structures of noncombustible construction less than 15 feet (4572 mm) in height provided that they are grounded and bonded in accordance with the Electrical Code, and fully bonded from roof to foundation and connected to the structure's grounding system. Additionally, signs approved by the fire code official, that read "CAUTION – HIGH VOLTAGE LINES OVERHEAD" shall be provided at all entrances leading to the restrooms and unoccupied structures.

SECTION 90. Section 321 is hereby amended to read as follows:

321 ~~ARTIFICIAL COMBUSTIBLE VEGETATION~~RESERVED

~~**321.1 Artificial combustible vegetation on roofs and near buildings.** Artificial combustible vegetation exceeding 6 feet (1829 mm) in height and permanently installed outdoors within 5 feet (1524 mm) of a building or on the roof of a building shall comply with Section 807.4.1. The placement of artificial combustible vegetation shall also comply with Sections 806.3 and 807.4.2.~~

~~**Exception:** Artificial decorative vegetation located more than 30 feet (9144 mm) from the exterior wall of a building.~~

SECTION 91. Section 322.3 is hereby amended to read as follows:

***322.3 Fire safety plan*.**

A fire safety plan shall be provided in accordance with Section 403.10.6. In addition, the fire safety plan shall include emergency response actions to be taken upon detection of a fire or possible fire involving lithium-ion or lithium metal battery storage. Where the fire code official finds that the fire safety plan is absent or insufficient, the fire code official shall be authorized to require removal of the batteries and containers from the area or building, and/or fire watch.

SECTION 92. Section 322.4.1 is hereby amended to read as follows:

***322.4.1 Limited indoor storage in containers*.**

Not more than 15 cubic feet (0.42 m^3) of lithium-ion or lithium metal batteries shall be permitted to be stored in containers in accordance with all of the following:

1. *Containers shall be open-top and constructed of noncombustible materials or shall be approved for battery collection.*

2. *Individual containers and groups of containers shall not exceed a capacity of 7.5 cubic feet (0.21 m^3).*

3. *A second container or group of containers shall be separated by not less than 3 feet (914 mm) of open space, or 10 feet (3048 mm) of space that contains combustible materials.*

4. *Containers shall be located not less than 5 feet (1524 mm) from exits or exit access doors.*

5. The fire code official shall have the authority to increase required separation distances and/or require the relocation of the container(s) based upon fire or life hazards associated with the specific occupancy. This may limit or negate the ability for such storage to take place in or at the occupancy.

SECTION 93. Section 324 is hereby added to read as follows:

324 PARADE FLOATS

324.1 Permits.

An operational permit is required to operate a parade float for a public performance, presentation, spectacle, entertainment, or parade. Permits shall be required as set forth in Section 105.5.

324.2 Decorative material.

Decorative material on parade floats shall be noncombustible, be made flame-retardant by application of a California State Fire Marshal–listed treatment, or meet the flame-resistive requirements of the fire code official.

324.3 Fire protection.

Motorized parade floats and towing apparatus shall be provided with a minimum 2-A: 10-B: C-rated portable fire extinguisher readily accessible to the operator.

SECTION 94. Section 325 is hereby added to read as follows:

325 CLEARANCE OF BRUSH AND VEGETATIVE GROWTH

325.1 Electrical transmission lines.

325.1.1 Support clearance.

Any person owning, controlling, operating, or maintaining any electrical transmission or distribution line upon any mountainous, forest-, or brush-covered lands, or land covered with flammable growth shall, at all times, maintain around and adjacent to any pole supporting a switch, fuse, transformer, lightning arrester, or line junction, or dead end, or corner poles, or towers, or other poles or towers at which power company employees are likely to work most frequently, an effective firebreak, consisting of a clearing of not less than 10 feet (3.05 m) in each direction from the outer circumference of such pole or tower provided, however, that this provision shall not be deemed to apply to lines used exclusively as telephone, telegraph, or telegraph messenger call, fire or alarm lines, or other lines classed as communication (Class C) circuits by the Public Utilities Commission of the State of California. Nor shall this provision apply to clearance around poles supporting only secondary electrical distribution lines of 750 volts or less.

325.1.2 Line clearance.

Any person owning, controlling, operating, or maintaining any electrical transmission or distribution line upon any mountainous, or forest-, or brush-covered

lands, or lands covered with flammable growth shall maintain a clearance of the respective distances hereinafter in this section specified in all directions between all vegetation and all conductors carrying electrical current.

For lines operating at 2,400 volts or more, but less than 72,000 volts, 4 feet (1.22 m);

For lines operating at 72,000 volts or more, but less than 110,000 volts, 6 feet (1.83 m); and

For lines operating at 110,000 volts or more, 10 feet (3.05 m).

TABLE 325.1

VOLTAGE RANGE OF ELECTRICAL CONDUCTOR/LINE	CLEARANCE DISTANCE REQUIRED
2,400 volts – 71,999 volts	4 feet (1.22 m)
72,000 volts – 109,999 volts	6 feet (1.83 m)
110,000 volts or more	10 feet (3.05 m)

In any case, such distance shall be sufficiently great to furnish the required clearance from the particular wire or conductor at any position, of such wire or conductor at any temperature of 120 degrees Fahrenheit or less. Dead trees; old, decadent, or rotten trees; those weakened by decay or disease; and trees leaning toward the line, which may contact the line from the side or may fall on the line, shall be felled, cut or trimmed so as to remove the hazard.

325.1.3 Self-supporting aerial cable.

No clearing to obtain line clearance is required when self-supporting aerial cable is used except that forked trees, leaning trees, and other growth which may fall across the cable and break it shall be removed.

Exception: Nothing contained in this section shall be construed to require any person to maintain any clearing on land where such person does not have the legal right to maintain such clearing, nor shall any provision of this ordinance be construed to require any person to enter upon or to damage property of another without the consent of the owner thereof. For further exceptions, see California Code of Regulations, Title 14, Division 1.5, Chapter 7, Article 4.

325.2 Structures.

325.2.1 Clearances.

Any person owning, leasing, controlling, operating, or maintaining any building, structure, or apiary upon or adjoining any mountainous, or forest- or brush-covered land or land covered with flammable growth, and any person owning, leasing, or controlling any land adjacent to such structures, shall at all times maintain defensible space of 100 feet (30.48 m) from each side and from the front and rear of the structure in accordance with Sections 325.2.1.1 through 325.2.1.6. The intensity of fuels management may vary within the 100-foot perimeter of the structure, with more intense fuel reductions being used between 5 and 30 feet (1524 and 9144 mm) around the structure, and an ember-resistant zone being required within 5 feet (1524 mm) of the structure, based on regulations promulgated by the State Board of Forestry and Fire Protection, in consultation with the Office of the State Fire Marshal, to consider the elimination of materials in the ember-resistant zone that would likely be ignited by embers.

The amount of fuel deemed necessary to be removed or modified shall consider the flammability of the structure as affected by building material, building standards,

location, and type of vegetation. Fuels shall be maintained and spaced in a condition so that a wildfire burning under average weather conditions would be unlikely to ignite the structure, as determined by the fire code official.

Exceptions:

1. **Extra hazard — distance required.** The governing body finds that in many cases because of extra hazardous situations, a defensible-space firebreak around buildings, structures, or apiaries of only 100 feet (30.48 m) is not sufficient and that a defensible-space firebreak of more than 100 feet (30.48 m) may be necessary. If the fire code official or Commissioner finds that because of the location of any building, structure, or apiary and because of other conditions, defensible space of 100 feet (30.48 m) around such building, structure, or apiary as required by Section 325.2.1, is not sufficient, the fire code official or Commissioner may notify all owners of the properties affected that they must clear all flammable vegetation and other combustible growth or reduce the amount of fuel content for a distance greater than 100 feet (30.48 m), but not to exceed 200 feet (60.96 m).
2. **Limitations.** Nothing contained in this section shall be construed to require any person to maintain any clearing on land where such person does not have the legal right to maintain such clearing, nor shall any provision of this ordinance be construed to require any

person to enter upon or to damage property of another without the consent of the owner thereof.

325.2.1.1 Ornamental plants and trees.

Ornamental plants and trees known to be flammable — including but not limited to acacia, cedar, cypress, eucalyptus, juniper, pine, and pampas grass — shall not be exempt from compliance with these requirements.

Exception: Ornamental plants and trees that are individually planted, spaced and maintained in such a manner that they do not form a means of transmitting fire from native growth to the structure.

325.2.1.2 Plants and cultivated ground cover.

The fire code official shall be authorized to exempt the following specimens from these requirements:

1. **Cultivated specimens.** Cultivated ground cover such as green grass, ivy, succulents, or similar plants, provided that they are maintained in a condition that does not form a means of transmitting fire from native growth to the structure, and that they comply with all other applicable laws, shall be exempt from these requirements.
2. **To prevent soil erosion.** Where located more than 30 feet (9.14 m) from buildings, structures, or apiaries, grass and other vegetation maintained where necessary to stabilize the soil and prevent erosion, provided that it is maintained at a height of less

than 18 inches (45.72 cm) above the ground, and isolated from other fuels.

325.2.1.3 Dead vegetation.

Remove all dead or dying grass, plants, shrubs, trees, branches, leaves, weeds, and pine needles. Maintain any tree and/or shrub adjacent to or overhanging any building, structure, or apiary free of dead wood.

Exception: At distances at least 30 or 50 feet (9.14 or 15.24 m), as determined by the fire code official, from buildings, structures, and apiaries, loose surface litter, normally consisting of fallen leaves or needles, twigs, bark, cones, and small branches, shall be permitted to remain, provided that it does not exceed a maximum depth of 6 inches (152 mm).

325.2.1.4 Roof and rain gutters.

Maintain the roof and rain gutters of any building, structure or apiary free of leaves, needles, or other dead vegetative growth.

325.2.1.5 Chimneys and stovepipes.

That portion of any tree which extends within 10 feet (3.05 m) of the outlet of any chimney or stovepipe shall be removed.

325.2.1.6 Firewood, compost, and similar piles.

Place or store firewood, manure, compost, and other similar combustible materials a minimum of 30 feet (9.14 m) from any building, structure, or apiary. All exposed wood piles located within 100 feet (30.48 m) of a building, structure, or apiary

shall maintain a minimum of 10 feet (3.05 m) of clearance, down to bare mineral soil, or equivalent, in all directions of the wood pile.

325.3 Notice to correct.

325.3.1 Contents of notice.

A notice to clear all flammable vegetation and other combustible growth for a distance greater than 30 feet (9.14 m) shall be in writing and shall specify the exact distance from the structure that such vegetation and growth must be cleared.

325.3.2 Compliance with findings.

Within a reasonable time after receipt of the notice specified in Section 325.3.1, every person owning, leasing, controlling, or operating the building, structure, or apiary involved, and every person owning, leasing, or controlling any land adjacent to such building, structure, or apiary shall at all times maintain around and adjacent to such building, structure, or apiary an effective fire protection or firebreak made by removing and clearing away, for a distance not less than so determined, on each side thereof, all flammable vegetation or other combustible growth, except as otherwise provided in Section 325.2.

325.3.3 Correction by fire code official or Commissioner.

Any person who has received notice for having failed to meet any of the requirements specified in Sections 325.2.1, 325.3.2, 325.10, 503.2.1, 3107.18, 6107.2, or 6107.3 and who is unable to comply with the requirements of such notice may request the fire code official or Commissioner to correct the condition or conditions. The fire code official or Commissioner may do so, provided that the person requesting such assistance agrees to pay the full cost thereof.

325.3.4 Notice of failure to correct.

In the event any of the conditions prohibited by Sections 325.2.1, 325.3.2, 325.10, 503.2.1, 3107.18, 6107.2, or 6107.3 exist, the governing body may instruct the fire code official or Commissioner to give notice to the owner of the property upon which such condition exists, to correct such prohibited condition, and if the owner fails to correct such condition, the governing body may cause the same to be done and make the expenses of such correction a lien upon the property upon which such condition exists. If it so instructs the fire code official or Commissioner, the governing body shall designate the time and place of a hearing either before itself or before a referee appointed by it, and shall notify the fire code official of its action.

325.3.5 Mailing notice.

Upon receipt of a notice from the governing body of the time and place of hearing, and not less than 10 days before such hearing, the fire code official or Commissioner shall mail a notice to the owners of the property, as their names and addresses appear from the last equalized assessment roll, or as they are known to the clerk of the governing body on which a firebreak is not maintained as required by Sections 325.2.1, 325.3.2, 325.10, 503.2.1, 3107.18, or 6107.3 in substantially the following form:

NOTICE TO DESTROY WEEDS, BRUSH, AND RUBBISH

Notice is hereby given that on the ___ day of (month) _____, the governing body of (municipality) _____ passed a resolution declaring the noxious or dangerous weeds, sagebrush, chaparral, and any other brush or weeds which attain such large growth as to become, when dry, a fire menace to adjacent improved property, were

growing and that there existed dry grass, stubble brush, litter, or other flammable material which endangers the public safety by creating a fire hazard upon or in front of the property on certain streets in said municipality, and more particularly described in said resolution, and that same constitutes a public nuisance which must be abated by the removal of said noxious or dangerous weeds, brush, litter, or other flammable material, otherwise they will be removed and the nuisance will be abated by the municipal authorities, in which case the cost of such removal shall be assessed upon the lots and lands from which, or in front of which, such materials are moved, and such cost will constitute a lien upon such lots or lands until paid. Reference is hereby made to said resolution for further particulars.

All property owners having any objections to the proposed removal of such materials are hereby notified to attend a meeting of the governing body of said municipality, to be held at _____a.m. o'clock, on the ___ day of (month) _____, when their objections will be heard and given due consideration.

Dated this _____ day of (month) _____.

(name)

(department)

(municipality)

325.3.6 Posting of notice.

As an alternative to mailing, a notice in the form required in Section 325.3.5 shall be posted conspicuously in front of the property on which vegetation which must be removed exists, or if the property has no frontage upon any highway or road, then upon that portion of the property nearest to a highway or road, or most likely to give actual

notice to the owner. The notices shall be posted not more than 100 feet (30.48 m) in distance apart, but at least one notice shall be posted on each lot or parcel of land.

325.3.7 Publication of notice.

The clerk of the governing body shall publish notice of the hearing once in a newspaper of general circulation printed and published in the County, not less than 10 days prior to the date of the hearing, when notice is given by means other than that prescribed in Section 325.3.4.

325.4 Hearing of protests.

325.4.1 Appointment of referee.

The governing body may appoint a referee to hear protests pursuant to this section. If the governing body appoints an officer or employee of the municipality as referee, the referee shall serve without any additional compensation, but all time spent as referee shall be deemed and counted as time spent in performing the duties of the compensated position.

325.4.2 Hearing objections.

At the same time stated in the notices, the governing body or referee shall hear and consider all objections and protests, if any, to the proposed removal of vegetation, and may continue the hearing from time to time.

325.4.3 Report of referee.

If the hearing is before a referee, upon the conclusion of the hearing, the referee shall report to the governing body findings and recommendations as to what objections, if any, should be allowed and what objections, if any, should be overruled.

325.4.4 Decision by board.

Upon the conclusion of the hearing before itself, or upon receipt of the report of the referee, the governing body shall allow or overrule all objections, whereupon the governing body shall acquire jurisdiction to proceed and perform the work by removal. The decision of the governing body on the matter is final, except as provided in Sections 14920 and 14921 of the California Health and Safety Code.

325.4.5 Order for abatement.

After final action is taken by the governing body on the disposition of any protests or objections, or in case no protest or objections are received, the said governing body shall order the fire code official or Commissioner to remove the dangerous vegetation.

325.5 Right of entry upon private property.

The fire code official or Commissioner, or their assistants, deputies, employees, or contracting agents, or other representatives may enter upon private property for the purpose of inspecting and/or removing vegetation pursuant to Sections 104.3 and 104.3.1 of this code, or California Health and Safety Code, Section 14900 et seq.

325.6 Removal before arrival of fire code official or Commissioner.

Any property owner may have the vegetation removed at the owner's expense, if it is done prior to the arrival of the fire code official or Commissioner or their representatives.

325.7 Record and report of cost.

The fire code official or Commissioner shall keep an account of the cost of removing the vegetation from each separate parcel of land and shall render an itemized

report in writing to the governing body showing the cost of removing the vegetation from each separate lot or parcel of land.

325.7.1 Posting copy of report.

Before the report is submitted to the governing body or referee, a copy shall be posted for at least three days on or near the chamber door of the governing body with a notice of the time when the report will be submitted to the governing body or referee for hearing on confirmation.

325.7.2 Hearing on report.

At the time fixed for receiving and considering the report, the governing body or the referee shall hear it and any objections of any of the property owners liable to be assessed for the work of clearing vegetation.

325.7.3 Report of referee.

If the hearing is before a referee, upon the conclusion of the hearing, the referee shall report to the governing body findings and recommendations as to what modifications, if any, should be made in the report.

325.7.4 Modification and confirmation of the report.

Upon the conclusion of the hearing on the report before itself, or upon receipt of the report of the referee, the governing body may make such modifications in the report of the fire code official or Commissioner as it deems necessary, after which, by order or resolution, the report shall be confirmed.

325.7.5 Costs of removal.

The amounts for the cost for removing the vegetation upon the various parcels of land mentioned in the report of the fire code official or Commissioner, as confirmed,

shall constitute special assessments against the respective parcels of land and are a lien on the property for the amount of the respective assessments.

325.7.6 Collection of expenses.

The expenses of removing vegetation shall be collected, and assessments shall be canceled or refunded as provided in Article 3 of Chapter 4 of Part 5 of Division 12 of the California Health and Safety Code, the provisions of which article are incorporated herein as if set forth herein in full.

325.8 Joint proceedings.

All of the proceedings provided for in this article may be combined with and performed in conjunction with proceedings for the abatement of noxious weeds pursuant to Part 5 of Division 12 of the California Health and Safety Code.

325.9 Prosecution.

A person who violates Sections 325.2.1, 325.3.2, 325.10, 503.2.1, 3107.18, 6107.2, or 6107.3 may be prosecuted and punished whether proceedings pursuant to Sections 325.3 – 325.8, inclusive, have been had or not. Proceedings pursuant to Sections 325.3 – 325.8, inclusive, are not a condition precedent to prosecution for violation of Sections 325.2.1, 325.3.2, 325.10, 503.2.1, 3107.18, 6107.2, or 6107.3.

325.10 Roadway clearance.

The fire code official or Commissioner may require removal and clearance of all flammable vegetation or other combustible growth for a minimum of 10 feet (3.05 m) on each side of every roadway, whether public or private. The fire code official or Commissioner may enter upon private property to inspect, remove, and clear vegetation and growth as required by this section and may charge the responsible party for the

cost of such action. This section shall not apply to single specimens of trees, ornamental shrubbery, or cultivated ground cover such as green grass, ivy, succulents, or similar plants used as ground cover, provided that they do not form a means of readily transmitting fire. As used in this section, "roadway" means that portion of a highway or private street improved, designed, or ordinarily used for vehicular travel. The minimum clearance of 10 feet (3.05 m) may be increased, if the fire code official determines additional distance is required to provide reasonable fire safety.

SECTION 95. Section 326 is hereby added to read as follows:

326 ACTIVITIES IN WILDFIRE RISK AREAS

326.1 Intent.

Due to conditions tending to cause or allow the rapid spread of fires which may occur on grass-, grain-, brush-, or forest-covered land in certain hazardous fire portions of the jurisdictional area, or because of the inaccessible character of such lands, the unrestricted use of such lands creates a potential menace to life and property from fire. Therefore, it is the intent of this section to provide necessary safeguards to prevent the occurrence of fires and to control the spread of fires which might be caused by recreational, commercial, industrial, or other activities carried on in any wildfire risk area.

326.2 Permit required.

Permits shall be required as set forth in Sections 105.5 and 105.6.

No person shall establish or conduct any of the following or similar activities in a wildfire risk area without first securing a permit:

1. Recreational activities including, but not limited to, rifle ranges, carnivals and fairs, public assembly events, fireworks, overnight camping, and open burning.
2. Temporary or permanent activities including, but not limited to, stands for cooking or other activities which could provide a source of ignition.

326.3 Permit request.

A request for an issuance of a permit for any such activity shall be made to the fire code official not less than 15 days prior to the starting date of such activity.

326.4 Fire protection survey.

Upon receiving a request for issuance of a permit, the fire code official shall survey the buildings, premises, and facilities proposed for such use prior to issuance of the permit to determine the fire protection equipment and safeguards necessary to conduct such activity without unduly increasing the potential fire hazard to the area.

326.5 Notification.

The applicant shall be notified by the fire code official of the facilities and fire protection safeguards necessary, and a permit shall be contingent upon the provision of all such facilities and safeguards.

326.6 Permit stipulations.

The permit shall stipulate the conditions, precautions, limitations, and safeguards necessary to conduct the identified activity with a reasonable degree of fire safety, and failure to comply with any condition, precaution, limitation, or safeguard stipulated shall be cause for immediate revocation of the permit and cessation of the activity.

326.7 Fire protection facilities required.

Fire protection facilities required and conditions or limitations necessary to maintain reasonable fire safety may include, but are not limited to, the following:

1. Adequate water supply, pumps, hydrants, and hoses.
2. Firebreaks as necessary to prevent a fire on the premises from spreading to adjacent brush or grass-covered areas.
3. Posting of "NO SMOKING" signs.
4. Removal of dry grass and weeds from around buildings, along roadways and automobile parking areas, and other areas accessible to the public or participants of the activity.
5. Provision of approved, competent fire safety officers or advisors to act as fire guards or fire watchers to patrol the area when such activity is taking place. Also see Section 3107.17.
6. Provision of adequate access roads and parking facilities to prevent congestion of public roads, to permit adequate means of egress for evacuation of the public or participants in event of emergency, and to permit movement of fire apparatus and equipment.
7. Restriction or prohibition of activities during periods of high-fire-hazard weather conditions.
8. Such fencing as is necessary to control the activity.
9. Such other conditions, limitations, or provisions necessary to maintain reasonable fire safety.

326.8 Restricted entry on national forest land.

A person shall not enter or be on any lands within the boundaries of the National Forest within Los Angeles County which have been closed to entry by the U.S. Forest Service, except by a valid special entry permit issued by a U.S. Forest Service official.

326.9 Closure of public or private lands.

Any portion of public or private lands in any wildfire risk area may be closed to the public by the fire code official at the request of the owners of such public or private lands, when in the opinion of the fire code official such closure is necessary for the prevention of fires. Notice of such closure shall be made by the fire code official by public announcement, and such closure shall be in effect until, in the opinion of the fire code official, such closure is no longer necessary for the protection of property against fire and such closure is lifted by public announcement.

326.10 Restricted entry on closed lands.

A person shall not enter or be upon any public or private lands closed to the public by the fire code official during the period such closure is in effect, except that the closure of private lands shall not prohibit the use or entry upon such lands by the owner, owner's guests, or invitees, provided that such guests or invitees have written permission from the owner of such lands to enter upon the same. Such written permit shall be presented upon the demand of any public officer when such person is within any closed area.

326.11 Posting of lands closed to entry.

Lands closed to entry shall be posted by the fire protection agency having jurisdiction.

326.12 Spark arresters required.

326.12.1 Equipment.

No person shall use or operate in, upon, or within any wildfire risk area, any tractor, construction equipment, engine, or machinery, or any steam, oil, or gasoline-operated stationary or mobile equipment, from which a spark or fire may originate, unless such equipment is provided with a qualified device or spark arrester installed in or attached to the exhaust pipe which will prevent the escape of fire or sparks. Said qualified device or spark arrester shall meet the requirements of the current version of the United States Forest Service "Standard for Spark Arresters for Internal Combustion Engines" (Standard 5100-1). For the purpose of this section, any registered motor vehicle operated on a road or highway and which is equipped with a muffler in good condition, as required by the California Vehicle Code, shall be deemed to be in compliance with this section.

326.12.2 Chimneys.

Each chimney used in conjunction with any fireplace, barbecue, or incinerator, or any heating appliance in which solid or liquid fuel is used, upon any building, structure, or premises located within any wildfire risk area, shall be maintained with a spark arrester constructed with heavy wire mesh or other noncombustible material with openings not to exceed 1/2 inch (12.7 mm).

326.13 Open flame device.

No person shall operate or use any device, machine, or process such as a welding torch, tar pot, decorative torch, or any other device liable to start or cause fire in or upon any wildfire risk area, except by the authority of a written permit from the fire

code official. However, no permit will be required if such use is within inhabited premises or a designated camp site, and such use is a minimum of 30 feet from any grass-, grain-, brush-, or forest-covered lands.

326.14 Roadway clearance.

Clearance of brush or vegetative growth from roadways shall be in accordance with Section 325.10 and 503.2.1 of this code.

Exception: If the fire code official determines in any specific case that difficult terrain, danger of erosion, or other unusual circumstances make strict compliance with the provisions of this code undesirable or impractical, the fire code official may suspend enforcement thereof and require reasonable alternative measures.

326.15 Illegal dumping.

No person shall place, deposit, or dump any garbage, cans, bottles, papers, ashes, refuse, trash, rubbish, or combustible waste materials in or upon any wildfire risk area. No person shall dump such materials in, upon, or along any trail, roadway, or highway in any wildfire risk area. Dumping in areas approved by the fire department for this use shall not be deemed to be in violation of this section. This section may be enforced by the Commissioner.

326.16 Disposal of ashes.

No person shall place, deposit, or dump any ashes or coals in or upon any wildfire risk area except in the hearth of an established fire pit, camp stove, or fireplace; in a noncombustible container with a tight-fitting lid; or where such ashes or coals are buried and covered with one foot of mineral earth not less than 25 feet (7620 mm) from

any combustible vegetation or structure. When any such fire pit, camp stove, fireplace, or noncombustible container is used for this purpose, it shall be kept or maintained in a safe location not less than 10 feet from any combustible vegetation or structure.

326.17 Fire roads and firebreaks.

1. No person, except public officers acting within the scope of their duties, shall travel upon or drive or park any motorcycle, motor scooter, or motor vehicle upon any fire road or firebreak beyond the point where travel is restricted by a cable, gate, or sign, without the permission of the property owner or owners involved.
2. No person shall park any vehicle so as to obstruct the entrance to any fire road or firebreak.
3. No person shall install or maintain a radio or television aerial, or guy wire thereto, or any other obstruction on any fire road or firebreak, which is less than 16 feet above such fire road or firebreak.

326.18 Use of motorcycle, motor scooter, and motor vehicles.

No person shall operate any motorcycle, motor scooter, or motor vehicle, except upon clearly established public or private roads, within any wildfire risk area without first having secured a permit to do so from the fire code official. No such permit shall be issued unless written permission from the property owner is first presented.

326.19 Hazardous warning lights.

It shall be unlawful to maintain any torch or lantern utilizing an open flame along any excavation, any road, or any place where the dislodgment of such torch or lantern

might permit same to roll, fall, or slide on to any forest- or brush-covered land, or any land containing flammable material. Also see Sections 305 and 308.

SECTION 96. Section 327 is hereby added to read as follows:

327 ADMINISTRATIVE FINES FOR VIOLATION OF REQUIRED CLEARANCE

327.1 Administrative fine—imposition.

Improved parcels found to be in violation of Sections 325.2.1, 325.10, 503.2.1, 3107.18, or 6107.3 of this code relating to clearance of brush and combustible growth, roadway clearance, and vertical clearance on fire access roads, shall be subject to an administrative fine, noncompliance fee, and/or possible liens as allowed by the provisions of Title 1, Chapter 1.25 of the County Code.

327.2 Administrative fine—enforcement.

An administrative fine will be imposed and enforced upon failure of the responsible party to comply with written abatement instructions and timeframes contained on the Official Inspection Report Form (County of Los Angeles Fire Department FORM 410, all versions) issued by the Fire Department.

327.3 Declared parcel.

A declared parcel is a parcel which contains noxious weeds and other flammable vegetation that are a fire hazard and which constitutes a public nuisance which must be abated as declared in an annual resolution of the Board of Supervisors. An owner of a declared parcel will be mailed a declaration card specifying the abatement actions required of the owner. The declaration card constitutes the first official notice to the owner.

327.3.1 Declared parcel inspection—notice of violations.

A physical inspection of the declared parcel is conducted by the fire department to determine compliance with the declaration card. After the physical inspection, if the fire department determines that the owner has not complied with the declaration card, then such noncompliance constitutes the first violation of the fire code. The owner will be given notice of such first violation of the fire code. This notice constitutes the second official notice to the owner.

The second official notice shall also inform the owner that an administrative fine and abatement enforcement fee as approved in the Fire-Code Fee Schedule (Appendix QQ of this code) may be imposed on the declared parcel if not properly cleared. An owner's failure to comply with the second official notice constitutes the second violation of the fire code.

327.4 Undeclared parcel.

An undeclared parcel is a parcel not contained in the annual resolution of the Board of Supervisors described in Section 327.3.

327.4.1 Undeclared parcel inspection—notice of violations.

After a physical inspection, if the fire department determines that an undeclared parcel is not in compliance with the fire code, the owner will be given notice of such violation of the fire code. This notice of violation constitutes the first official notice. An owner's failure to comply with the first official notice constitutes the first violation of the fire code. After a first violation, a physical inspection of an undeclared parcel will be conducted by the fire department to determine compliance with the fire code. After the physical inspection, if the fire department determines that an undeclared parcel is not in

compliance with the fire code, the owner will be given notice of the second violation of the fire code. This notice constitutes the second official notice to the owner. This second official notice shall also inform the owner that an administrative fine may be imposed on an undeclared parcel if not cleared. An owner's failure to comply with the second notice constitutes the second violation of the fire code.

327.5 Administrative fine—amount.

The administrative fine for a first violation as described in Section 327.3.1 or 327.4.1 is $0. The administrative fine for a second violation as described in Section 327.3.1 or 327.4.1 is $500.

327.6 Administrative fine—collection.

The administrative fine will be collected by the fire department through direct invoice. The fire department shall notify the owner of the imposition and amount of the administrative fine.

327.7 Administrative fine—administrative review and appeal.

The imposition of an administrative fine may be appealed in writing utilizing the request-for-administrative-hearing form provided with the administrative fine invoice. The request-for-administrative-hearing form must be filed with the brush clearance section manager of the fire department within 10 calendar days following the service of the notice of administrative fine.

Upon conclusion of the administrative hearing, the hearing officer shall issue a written decision within 10 calendar days. The hearing officer's written decision shall constitute the final administrative decision of the County.

Any person contesting the final administrative order or decision of the Fire Department may seek further review pursuant to Section 53069.4 of the California Government Code.

Any administrative penalty imposed shall be cancelled or refunded as provided in Sections 14920–14921 of the California Health and Safety Code, or any successor statute of similar import.

327.8 Creation of lien for unpaid administrative fines.

Pursuant to Title 1, Chapter 1.25 of the County Code, the amount of the unpaid administrative fines shall become a lien on the real property that is in violation of this chapter.

SECTION 97. Section 328 is hereby added to read as follows:

328 LAND DEVELOPMENT AND ENVIRONMENTAL REVIEW FEES

SECTION 98. Section 328.1 is hereby added to read as follows:

328.1 Applicability.

This section is applicable to all unincorporated portions of Los Angeles County, to all incorporated areas that are a part of the Consolidated Fire Protection District of Los Angeles County, and to all cities that contract with the Consolidated Fire Protection District of Los Angeles County for services and adopt Section 328 as part of their fire code. The applicable fees described herein shall be collected as a condition of approval for any land development project(s), environmental documents, or permit review(s) referred or submitted to the fire department for review. Permits shall be required as set forth in Section 105.6.

SECTION 99. Section 328.2 is hereby added to read as follows:

328.2 Subdivision reviews by the Land Development Unit (LDU).

A fee shall be payable to the fire department upon the submittal of any subdivision map for the review and approval by the Land Development Unit (LDU), or equivalent, of the fire department. The amount of the fee shall be as stipulated in the version of the approved Fire-Code Fee Schedule (Appendix QQ of this code) of the Consolidated Fire Protection District of Los Angeles County that is in effect at the time of the submittal in question.

SECTION 100. Section 328.3 is hereby added to read as follows:

328.3 Miscellaneous LDU fees.

A fee shall be payable to the fire department upon submittal of any of the following requests for review and approval by the fire department. The amount of the fee shall be as stipulated in the version of the approved Fire-Code Fee Schedule (Appendix QQ of this code) of the Consolidated Fire Protection District of Los Angeles County that is in effect at the time of the submittal in question.

a. Request for review of a discretionary permit application. Examples include fire department reviews of applications for entitlement permits required by the jurisdictional planning department, such as, but not limited to: design reviews, design overlay reviews (DOR's), development permit application reviews, "Exhibit 'A'" reviews, planned urban development (PUD) reviews, and preliminary

reviews. This fee may be required in addition to fees for other reviews requested for the same project.

b. Request for review of an application for a coastal development permit (CDP).

c. Request for review of a proposed vacation of a public road easement.

d. Request to review an application for a lot-line adjustment and/or lot merger.

e. Request to review a hydrant water system.

f. Request for review of a water system plan.

g. Request to review an application for a conditional use permit (CUP).

h. Request for review of a revision to a conditional use permit (CUP) application that has previously been approved by the fire department.

i. Request for review of an appeal to the water appeals board.

j. Request for review of an application for a change of zone.

k. Request to review an application for a mobilehome park or special occupancy park, including review of environmental impact reports, new park development or continued use of an existing park.

l. Request for review of a grading plan for fire lanes and private driveways only.

m. Request for review of a "Revised Exhibit ‘A’". See LACC, Title 22, Chapter 22.184 of the County Code.

n. Request for a grant of waiver.

o. "One Stop" advisory counseling/review.

SECTION 101. Section 328.4 is hereby added to read as follows:

328.4 Environmental document reviews.

Whenever a review for impact on the fire prevention, natural resources, and/or fire resource allocation responsibilities of the fire department is required as part of the environmental review process, fees may be assessed and/or collected in accordance with the version of the approved Fire-Code Fee Schedule (Appendix QQ of this code) of the Consolidated Fire Protection District of Los Angeles County that is in effect at the time of the submittal in question.

SECTION 102. Section 328.5 is hereby added to read as follows:

328.5 Oak tree permit review fees.

When an oak tree report is referred to the fire department for review, pursuant to Los Angeles County Code (LACC), Title 22, Chapter 22.174, a fee shall be paid to the fire department in accordance with the Fire-Code Fee Schedule (Appendix QQ of this code).

SECTION 103. Section 401.10 is hereby added to read as follows:

401.10 Fire watch procedures.

Where a fire watch is required by the fire code official, the owner, manager, lessee or person in charge shall provide the number of fire watch personnel that have been required. Fire watch personnel shall comply with Sections 401.10.1 through

401.10.6, the conditions and records of which shall all be subject to review and approval by the fire code official when such review is deemed necessary by the fire code official.

401.10.1 Timeframes.

Fire watch personnel shall remain on duty 24 hours a day where required fire protection components are impaired or out of service. Where there is a hazard to the building occupants, fire watch personnel shall remain in place while the building is occupied.

Fire watch as directed by the fire code official, shall be continued until such time that the fire code official determines that it is no longer necessary.

401.10.2 Means of notification and communication.

Fire watch personnel shall be provided with not less than one means to notify the fire department of a fire or other emergency. If there are more than one individual assigned fire watch duties, they shall have the ability to promptly communicate with each other.

401.10.3 Duties.

Fire watch personnel shall fulfill the following duties:

1. The primary duty of fire watch personnel shall be to perform constant patrol in order to watch for fires and other emergency situations, and to make proper notification thereof.
2. Fire watch personnel shall also be looking for obstructed exits and any other hazards. Fire watch personnel shall make the proper notifications necessary in order to remediate any such hazards. Fire watch personnel shall not become involved in any other

operation to the extent that their ability to fulfill their primary patrol and notification duties is delayed or otherwise impaired.

3. If an emergency situation is encountered, fire watch personnel shall:

   3.1. Contact the fire department or other appropriate service.

   3.2. Ensure the notification of occupants to take appropriate action. Such action may include evacuation of the building, or in certain situations, shelter in place (sometimes known as "lockdown"). If unsure, fire watch personnel shall seek the direction of emergency services.

   3.3. Take any other prompt action, in which they are qualified, to mitigate the emergency.

401.10.4 Route of inspection.

Fire watch personnel shall develop a written route of inspection through the required fire-watch area.

401.10.5 Log and frequency.

The entire fire watch area shall be patrolled once each hour, or at more frequent intervals when directed by the fire code official. An activity log of time and locations of inspection shall be created and maintained.

401.10.6 Training.

Fire watch personnel shall have been provided training in the following:

1. Procedures for contacting the fire department in the case of an emergency.

2. The use of fire extinguishers and other available manual firefighting equipment.

3. Methods of notifying and evacuating people from the building or premises.

SECTION 104. Section 402.1 is hereby amended to read as follows:

402.1 Definitions.

The following terms are defined in Chapter 2:

CROWD MANAGER.

EMERGENCY EVACUATION DRILL.

FIRE WATCH.

LOCKDOWN.

SECTION 105. Section 403.7.3 is hereby amended to read as follows:

403.7.3 Group I-3 occupancies.

Group I-3 occupancies shall comply with Sections 403.7.3.1 through 403.7.3.~~6~~7.

SECTION 106. Section 403.7.3.7 is hereby added to read as follows:

403.7.3.7 Emergency plan.

Additional information provided in emergency plans shall include procedures for use of alarms, notification of occupants and emergency responders in the event of alarm system malfunctions, isolating the fire, evacuating each fire area and the building, and relocating nonambulatory persons. Copies of the plan shall be given to all supervisory personnel, and a copy shall be available on the premises to all personnel at all times.

SECTION 107. Section 403.11 is hereby amended to read as follows:

403.11 Special requirements for public safety.

Special requirements for public safety shall be in accordance with Sections 403.11.1 through 403.11.3.~~3~~4.

SECTION 108. Section 403.11.1 is hereby amended to read as follows:

403.11.1 Fire watch personnel.

Where, in the opinion of the fire code official, it is essential for public safety in a place of assembly or any other place where people congregate, because of the number of persons, or the nature of the performance, exhibition, display, contest or activity, the owner, agent or lessee shall provide one or more fire watch personnel, as required and approved. Fire watch personnel shall comply with Sections 403.11.1.1 ~~and~~, 403.11.1.2, and 401.10.

SECTION 109. Section 403.11.2 is hereby amended to read as follows:

403.11.2 Public safety plan for gatherings.

Where the fire code official determines that an indoor or outdoor gathering of persons has an adverse impact on public safety through diminished access to buildings, structures, fire hydrants and fire apparatus access roads or where such gatherings adversely affect public safety services of any kind, the fire code official shall have the authority to order the development of or prescribe a public safety plan that provides an approved level of public safety and addresses the following items:

1. Emergency vehicle ingress and egress.
2. Fire protection.
3. Emergency egress or escape routes.

4. ~~Emergency medical services~~The need for emergency medical services and personnel.

5. Public assembly areas.

6. The directing of both attendees and vehicles, including the parking of vehicles.

7. Vendor and food concession distribution.

8. The need for the presence of law enforcement.

9. ~~The need for fire and emergency medical services personnel~~The need for the presence of fire department personnel and/or fire safety officer(s).

10. The need for a weather monitoring person.

11. If attendance is greater than 5,000 people, the event shall be in accordance with Reference No. 842 of the County of Los Angeles Department of Health Services Prehospital Care Manual; permit for mass-gathering event shall be required as set forth in Section 105.5.

SECTION 110. Section 403.11.3 is hereby amended to read as follows:

403.11.3 Crowd managers.

Where facilities or events involve a gathering of more than ~~500~~1,000 people, crowd managers shall be provided in accordance with Sections 403.11.3.1 through 403.11.3.3.

SECTION 111. Section 403.11.4 is hereby added to read as follows:

403.11.4 Fire safety officers.

When, in the opinion of the fire code official, it is necessary for the preservation of life or property, due to the hazardous nature of an event, production, operation, or function, the fire code official shall require the owner or lessee to employ or cause the employment of one or more approved fire safety officers to be on duty at such place during the hazardous activity.

SECTION 112. Section 403.13 is hereby added to read as follows:

403.13 Ground seats.

When more than 200 loose chairs are used in close proximity to, and in connection with, a public assemblage event, the chairs shall be fastened together in groups of not less than three.

Exceptions:

1. The bonding of chairs shall not be required when tables are provided with the chairs for dining use or similar purposes.
2. The bonding of chairs shall not be required when the placement and location of such chairs will not obstruct any required exit, or any line of egress toward any required exit and will not constitute a fire hazard as approved by the fire code official.

SECTION 113. Section 404.2.1 is hereby amended to read as follows:

404.2.1 Fire evacuation plans.

Fire evacuation plans shall include the following:

1. Emergency egress or escape routes and whether evacuation of the building is to be complete by selected floors or areas only or with a defend-in-place response. For occupancies and buildings located in wildfire risk areas, the emergency egress and escape routes shall include provisions for transporting employees and occupants to a location that is deemed reasonably safe from wildland fire.

. . .

SECTION 114. Section 404.2.2 is hereby amended to read as follows:

404.2.2 Fire safety plans.

Fire safety plans shall include the following:

. . .

4. Floor plans identifying the locations of the following:

. . .

4.9. Fire alarm, control panel, and fire alarm annunciators and controls.

4.10. Location of limited access devices, including key boxes and key switches.

. . .

SECTION 115. Section 404.2.2.1 is hereby added to read as follows:

404.2.2.1 Implementation.

In the event a fire is detected in a building or a fire alarm activates, the fire evacuation plan and fire safety plan shall both be implemented.

SECTION 116. Section 405.1 is hereby amended to read as follows:

405.1 General.

Emergency evacuation drills complying with Sections 405.3 through 405.~~10~~11 shall be conducted not less than annually where fire safety and evacuation plans are required by Section 403 or where required by the fire code official. Lockdown plan drills shall be conducted in accordance with the approved plan. Such drills shall not be substituted for fire and evacuation drills required by Section 405.3. Drills shall be designed in cooperation with the local authorities.

SECTION 117. Section 405.11 is hereby added to read as follows:

405.11 Fire drill.

In accordance with Table 405.3 of this code, a fire drill shall be conducted by the fire safety director, or designee using the fire alarm system.

SECTION 118. Section 502.1 is hereby amended to read as follows:

502.1 Definitions.

The following terms are defined in Chapter 2.

AGENCY.

AREA OF FIREFIGHTING OPERATIONS.

FIRE APPARATUS ACCESS ROAD.

FIRE COMMAND CENTER.

FIRE DEPARTMENT MASTER KEY.

FIRE LANE.

KEY BOX.

TRAFFIC CALMING DEVICES.

WATER UTILITY.

WATER UTILITY SERVICE AREA.

SECTION 119. Section 503.1.1 is hereby amended to read as follows:

503.1.1 Buildings and facilities.

Approved fire apparatus access roads shall be provided for every facility, building or portion of a building hereafter constructed or moved into or within the jurisdiction. The fire apparatus access road shall comply with the requirements of this section and shall extend to within 150 feet (45 720 mm) of all portions of the facility and all portions of the exterior walls of the first story of the building as measured by an approved route around the exterior of the building or facility.

Exceptions:

1. The fire code official is authorized to increase the dimension of 150 feet (45 720 mm) where any of the following conditions occur:
    1.1. The building is equipped throughout with an approved automatic sprinkler system installed in accordance with Section 903.3.1.1, 903.3.1.2 or 903.3.1.3.
    1.2. Fire apparatus access roads cannot be installed because of location on property, topography, waterways, nonnegotiable grades or other similar conditions, and an approved alternative means of fire protection is provided.
    1.3. There are not more than two Group R-3 or Group U occupancies.

2. Where approved by the fire code official, fire apparatus access roads shall be permitted to be exempted or modified for solar photovoltaic power generation facilities and a stand-alone battery energy storage structure.

3. Exterior walls of interior courts that are enclosed on all sides.

SECTION 120. Section 503.1.2 is hereby amended to read as follows:

503.1.2 Additional access.

The fire code official is authorized to require more than one fire apparatus access road based on the potential for impairment of a single road by vehicle congestion, condition of terrain, climatic conditions or other factors that could limit access. Such additional access must also comply with Title 21 of the Los Angeles County Code, where applicable.

SECTION 121. Section 503.2 is hereby amended to read as follows:

503.2 Specifications.

Fire apparatus access roads shall be installed and arranged in accordance with Sections 503.2.1 through 503.2.~~8~~9.

SECTION 122. Section 503.2.1 is hereby amended to read as follows:

503.2.1 Dimensions.

Fire apparatus access roads shall have an unobstructed width of not less than 20 feet (6096 mm), exclusive of shoulders, except as specified in Sections 503.2.1.1 through 503.2.1.2.2.2, and for approved security gates in accordance with Section 503.6~~,~~. ~~and~~Fire apparatus access roads shall have an unobstructed vertical clearance ~~of not less than 13 feet 6 inches (4115 mm)~~clear to the sky.

Exception: A minimum vertical clearance of 13 feet 6 inches (4115 mm) may be allowed for protected tree species adjacent to access roads. Any applicable tree-trimming permit from the appropriate agency is required.

SECTION 123. Section 503.2.1.1 is hereby added to read as follows:

503.2.1.1 Single-lot single-family residential dwellings.

Private on-site fire apparatus access roads serving one single-lot single-family residence may be reduced to a minimum width of not less than 15 feet (6096 mm), exclusive of shoulders, when approved by the fire code official.

SECTION 124. Section 503.2.1.2 is hereby added to read as follows:

503.2.1.2 Commercial, industrial, and multifamily-residential developments.

Fire apparatus access roads for commercial, industrial, and multifamily-residential developments shall be installed and arranged in accordance with Sections 503.2.1.2.1 through 503.2.1.2.2.2. For purposes of this section, the highest roof surface shall be determined by measurement of the vertical distance between the access roadway and the eave of a pitched roof, the intersection of the roof to the exterior wall, or the top of parapet walls, whichever is greatest.

SECTION 125. Section 503.2.1.2.1 is hereby added to read as follows:

503.2.1.2.1 Where the highest roof surface does not exceed 30 feet.

For buildings where the vertical distance between the access roadway and the highest roof surface does not exceed 30 feet (9144 mm), fire apparatus access roads shall have an unobstructed width of not less than 26 feet (7925 mm), exclusive of shoulders, and an unobstructed clearance of clear to the sky.

Exception: The 26-foot (7925 mm) width may be reduced to not less than 20 feet (6,096 mm), when approved by the fire code official. This exception shall not be applied for a distance of 25 feet (7620 mm) on either side of a hydrant.

SECTION 126. Section 503.2.1.2.2 is hereby added to read as follows:

503.2.1.2.2 Where the highest roof surface exceeds 30 feet.

For buildings where the vertical distance between the access roadway and the highest roof surface exceeds 30 feet (9144 mm), an approved fire apparatus access roadway with a minimum width of 28 feet (8535 mm), exclusive of shoulders, shall be provided in the immediate vicinity of the building or portion thereof. This roadway shall have an unobstructed clearance of clear to the sky.

Exception: The 28-foot (8535 mm) width may be reduced to not less than 20 feet (6,096 mm), when approved by the fire code official. This exception shall not be applied for a distance of 25 feet (7620 mm) on either side of a hydrant.

SECTION 127. Section 503.2.1.2.2.1 is hereby added to read as follows:

503.2.1.2.2.1 Proximity to Building.

At least one required access route meeting this condition shall be located such that the edge of the fire apparatus access roadway, not including shoulders, that is closest to the building being served, is between 10 feet (254 mm) and 30 feet (9144 mm) from the building, as determined by the fire code official, and shall be positioned parallel to one entire side of the building. The side of the building on which the fire apparatus access road is positioned shall be approved by the fire code official.

Exception: When approved by the fire code official, the required setback may be modified for residential and mixed-use residential developments less than five stories in height when additional fire protection measures are provided.

SECTION 128. Section 503.2.1.2.2.2 is hereby added to read as follows:

503.2.1.2.2.2 Obstructions.

Overhead power lines shall not be located over the fire apparatus access road or between the fire apparatus road and the building. Other obstructions shall be permitted to be placed with the approval of the fire code official.

SECTION 129. Section 503.2.2.1 is hereby added to read as follows:

503.2.2.1 Dimensions maintained.

The dimensions of approved fire apparatus roads shall be maintained as originally approved by the fire code official.

SECTION 130. Section 503.2.3 is hereby amended to read as follows:

503.2.3 Surface.

~~Fire apparatus access roads shall be designed and maintained to support the imposed loads of fire apparatus and shall be surfaced so as to provide all-weather driving capabilities.~~ Facilities, buildings or portions of buildings hereafter constructed or moved into or within the jurisdiction shall be accessible to fire department apparatus by way of an approved fire apparatus access road that is designed and maintained with an asphalt, concrete or other approved driving surface capable of supporting the imposed load of fire apparatus weighing at least 75,000 pounds (34 050 kg). The fire apparatus

access shall be surfaced so as to provide all-weather driving capabilities, as approved by the fire code official.

Exception: Regarding the weight rating, the fire code official shall be authorized to determine that fire apparatus access roads serving one- and two-family residences instead be capable of supporting the imposed load of fire apparatus weighing at least 50,000 pounds (22 700 kg).

SECTION 131. Section 503.2.4 is hereby amended to read as follows:

503.2.4 Turning radius.

~~The required turning radius of a fire apparatus access road shall be determined by the fire code official.~~ The minimum turning radius shall be not less than 32 feet (9754 mm) measured at the centerline of the required access roadway.

SECTION 132. Section 503.2.5 is hereby amended to read as follows:

503.2.5 Dead-ends.

Dead-end fire apparatus access roads in excess of 150 feet (45 720 mm) in length shall be provided with an approved ~~area for turning around fire apparatus~~turnaround. See Figures 503.2.5(1) and 503.2.5(2). The turnaround shall be oriented on the access roadway in the proper direction of travel.

Exceptions:

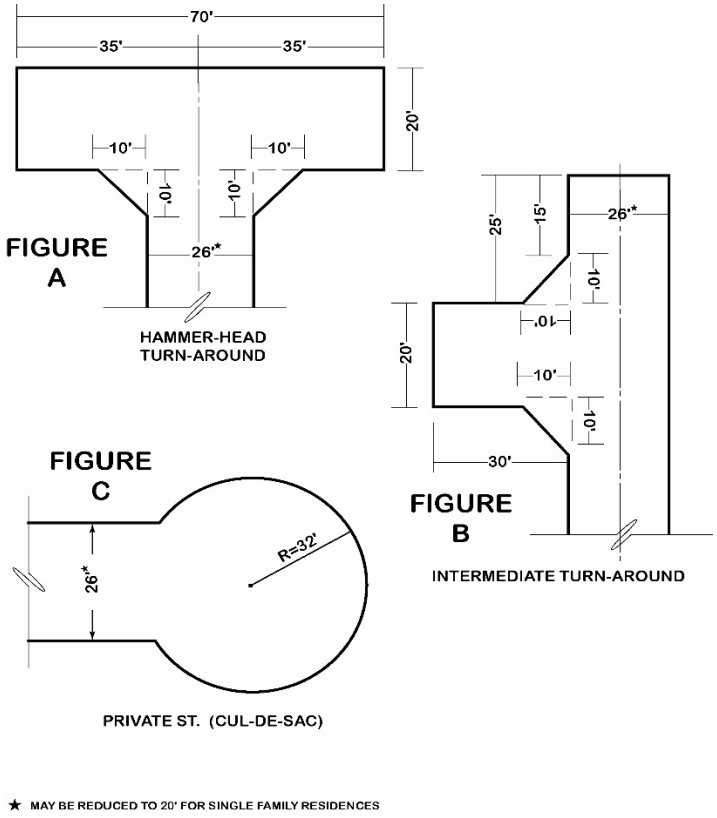
1. Dead-end fire apparatus access roads serving other than single-family dwellings, that are a minimum of 20 feet (6096 mm) in width and that are straight and flat, may be extended to between 151 feet (46 025 mm) and 300 feet (91 440 mm) in length without requiring a turnaround, when approved by the fire code official.

2. Dead-end fire apparatus access roads serving single-lot single-family dwellings, that are a minimum of 15 feet (4572 mm) in width and that are straight and flat, may be extended to between 151 feet (46 025 mm) and 300 feet (91 440 mm) in length without requiring a turnaround, when approved by the fire code official.

SECTION 133. Figure 503.2.5(1) is hereby added as follows:

FIGURE 503.2.5(1)

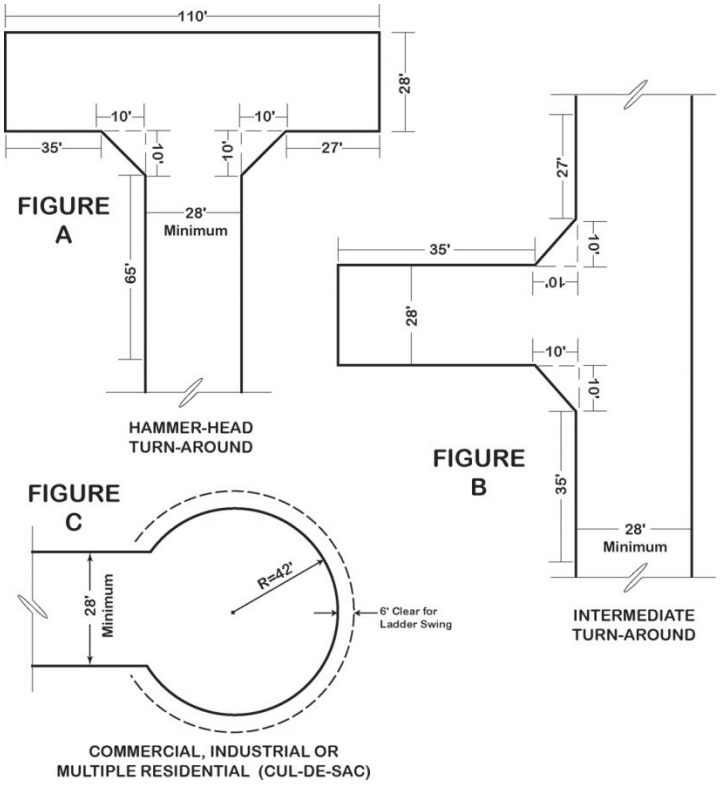
FIRE APPARATUS TURNAROUND STANDARD — PUMPER



SECTION 134. Figure 503.2.5(2) is hereby added as follows:

FIGURE 503.2.5(2)

FIRE APPARATUS TURNAROUND STANDARD — AERIAL APPARATUS



SECTION 135. Section 503.2.7 is hereby amended to read as follows:

503.2.7 Grade.

~~The grade of the fire apparatus access road shall be within the limits established by the fire code official based on the fire department's apparatus.~~ Fire apparatus access roads shall not exceed 15 percent (15 %) in grade.

Exception: For a fire apparatus access road serving no more than two single-family dwellings, grades shall not exceed 20 percent (20%) when approved by the fire code official. Grades between 15.1 percent

(15.1 %) and 20 percent (20%) shall not exceed a maximum cumulative total of 500 feet (152.4 m) as measured over the entire length of the access roadway.

SECTION 136. Section 503.2.9 is hereby added to read as follows:

503.2.9 Area of firefighting operations.

The area of firefighting operations, as defined in Chapter 2, shall not be located underneath high-voltage transmission lines.

SECTION 137. Section 503.3 is hereby amended to read as follows:

503.3 Marking and signage.

Where required by the fire code official, approved signs or other approved notices or markings that include the words NO PARKING—FIRE LANE shall be provided for fire apparatus access roads to identify such roads, to clearly indicate the access to such roads, or to prohibit the obstruction thereof. The means by which fire lanes are designated shall be maintained in a clean and legible condition at all times and be replaced or repaired when necessary to provide adequate visibility. A no-parking designation shall meet the requirements of California Vehicle Code Section 22500.1 and be approved by the fire code official.

Signs shall have a minimum dimension of 12 inches (305 mm) wide by 18 inches (457 mm) high and have red letters on a white reflective background. Signs shall be posted on one or both sides of the fire apparatus road as required.

SECTION 138. Section 503.3.1 is hereby added to read as follows:

503.3.1 Marking overhead high-voltage transmission lines.

When required by the fire code official, fire apparatus access roads and structures located near high-voltage transmission lines shall be posted with signs, approved by the fire code official, that include the words "CAUTION OVERHEAD HIGH-VOLTAGE TRANSMISSION LINES."

SECTION 139. Section 503.4 is hereby amended to read as follows:

503.4 Obstruction of fire apparatus access roads.

Fire apparatus access roads shall not be obstructed in any manner, including by the parking of vehicles or the use of traffic calming devices, including but not limited to, speed bumps or speed humps. The minimum widths and clearances established in Sections 503.2.1 and 503.2.2 shall be maintained at all times.

SECTION 140. Section 503.4.1 is hereby amended to read as follows:

503.4.1 Traffic calming devices.

Traffic calming devices, including but not limited to, speed bumps and speed humps, shall be prohibited unless approved by the fire code official.

SECTION 141. Section 503.5.1 is hereby amended to read as follows:

503.5.1 Secured gates and barricades.

Where required, gates and barricades shall be secured in an approved manner. Roads, trails and other accessways that have been closed and obstructed in the manner prescribed by Section 503.5 shall not be trespassed on or used unless authorized by the owner and the fire code official. Also see Section 506.

Exception: The restriction on use shall not apply to public officers acting within the scope of duty.

SECTION 142. Section 503.6 is hereby amended to read as follows:

503.6 ~~Security g~~Gates.

The installation of security gates across a fire apparatus access road shall be approved by the fire code official. Where security gates are installed, they shall have an approved means of emergency operation. ~~The security gates and the emergency operation shall be maintained operational at all times. Electric gate operators, where provided, shall be listed in accordance with UL 325. Gates intended for automatic operation shall be designed, constructed and installed to comply with the requirements of ASTM F2200.~~

Gates securing the fire apparatus access roads shall comply with all of the following criteria:

1. Where a single gate is provided, the gate width shall not be less than 20 feet (6096 mm), except on a fire apparatus access roadway approved to be a lesser width, in which case the gate shall not restrict that width. Where a fire apparatus road consists of a divided roadway, the gate width shall be not less than 15 feet (4572 mm) for residential use and 20 feet (6096 mm) for commercial/industrial uses.
2. Gates shall be of the swinging or sliding type.
3. Construction of gates shall be of materials that allow manual operation by one person.

4. Gate components shall be maintained in an operative condition at all times and replaced or repaired when defective.

5. Electric gates shall be equipped with a means of opening the gate by fire department personnel for emergency access. Emergency opening devices shall be approved by the fire code official.

6. Methods of locking shall be submitted for approval by the fire code official.

7. Electric gate operators, where provided, shall be listed in accordance with UL 325.

8. Gates intended for automatic operation shall be designed, constructed, and installed to comply with the requirements of ASTM F2200.

SECTION 143. Section 503.7 is hereby added to read as follows:

503.7 Fire apparatus access roads in recreational vehicle, mobilehome, and manufactured housing sales lots and storage lots.

Recreational vehicle, mobilehome, and manufactured housing sales lots and storage lots shall provide and maintain fire apparatus access roads in accordance with Section 503.

SECTION 144. Section 503.8 is hereby added to read as follows:

503.8 Fire apparatus access roads in mobilehome parks and special occupancy parks.

The enforcing agency for California Code of Regulations, Title 25, Division 1, Chapters 2 and 2.2 shall have authority for approval of roadways in mobilehome parks

and special occupancy parks. Mobilehome parks roadway requirements are found in California Code of Regulations, Title 25, Division 1, Chapter 2, Article 2, Section 1106, and roadway requirements for special occupancy parks are found in Title 25, Division 1, Chapter 2.2, Article 2, Section 2106. The fire department shall have the authority to require access provisions more stringent than those which are located in CCR Title 25, but at no point more stringent than those which are required in this code, except in accordance with Sections 104.8 through 104.10, or as otherwise allowed by law.

SECTION 145. Section 504.1 is hereby amended to read as follows:

504.1 Required access.

Exterior doors and openings required by this code or the *California Building Code* shall be maintained readily accessible for emergency access by the fire department. An approved access walkway leading from fire apparatus access roads to exterior openings shall be provided where required by the fire code official.

Exception: Single-family dwellings with slopes exceeding 3:1 ratio.

SECTION 146. Section 504.5 is hereby added to read as follows:

504.5 Rooftop barriers and parapets.

No person shall install any security barrier, visual barrier screen, or other obstruction on the roof of any building in such a manner as to obstruct firefighter ingress or egress in the event of fire or other emergency. Parapets shall not exceed 42 inches (1067 mm) on at least two sides of the building. These sides should face an access roadway or yard sufficient to accommodate ladder operations.

Exceptions:

1. Where parapets are desired to be taller than 42 inches (1067 mm), the fire code official shall have the authority to approve a platform/catwalk system.
2. Where a portion of a roof is greater than 75 feet (22 860 mm) above the highest adjacent level of a fire apparatus access road.

SECTION 147. Section 505.1.1 is hereby added to read as follows:

505.1.1 Multiple residential and commercial units.

Multiple residential and commercial units having entrance doors not visible from the street or road shall have, in addition to the requirements of Section 505.1 above, approved numbers grouped for all units within each structure and positioned to be plainly visible from the street or road. Said numbers may be grouped on the wall of the structure or on a mounting post independent of the structure.

SECTION 148. Section 506.1 is hereby amended to read as follows:

506.1 Where required.

Where access to or within a new or existing structure or an area is restricted because of secured openings or where immediate access is necessary for life-saving or fire-fighting purposes, the fire code official is authorized to require an approved key box or other limited-access device to be installed in an approved location. The key box shall be of an approved type listed in accordance with UL 1037, and shall contain keys to gain necessary access as required by the fire code official.

Exception: A key box or other limited-access device is not required for access to the interior of a sleeping unit or dwelling unit.

SECTION 149. Section 507.1.1 is hereby added to read as follows:

507.1.1 Water certificate.

Except as otherwise provided by this section, every application for a building permit shall be accompanied by one of the following:

1. Evidence indicating to the fire code official that the proposed structure will be provided with a reliable water supply. The fire code official may accept as sufficient evidence a certificate from a water utility that it can supply water to the proposed structure in compliance with Title 20 of the Los Angeles County Code, except that if the fire code official knows that such water utility cannot so supply water, the fire code official may reject such certificate~~; or~~.
2. A certificate from the Fire Department that there exists, or is under construction, a private water supply which, in the opinion of the fire code official~~'s opinion~~, is adequate for fire protection.

Exception: A certificate is not required for new or existing Group U occupancies with less than 1,000 square feet (93 m^2) of aggregate floor area.

SECTION 150. Section 507.2 is hereby amended to read as follows:

507.2 Type of water supply.

A water supply shall consist of reservoirs, pressure tanks, elevated tanks, water mains or other fixed systems capable of reliably providing the required fire flow. Facilities, buildings, or portions of buildings that are hereafter constructed or moved into or within the jurisdiction, that are located within a water district's or water

utility's service area, and that can receive a fire-flow certificate upon satisfactory completion of facilities improvements from the applicable water district or water utility, shall obtain their required fire flow from that water district's or water utility's system.

SECTION 151. Section 507.2.2 is hereby amended to read as follows:

507.2.2 Water tanks.

Water tanks, and associated structures and piping, for private fire protection shall be installed and maintained in accordance with NFPA 22, and as specified by the fire code official.

SECTION 152. Section 507.3.1 is hereby added to read as follows:

507.3.1 Fire protection water supplies in sales or storage lots of recreational vehicles, mobilehomes, or manufactured housing, or in mobilehome parks or special occupancy parks.

New, or additions to existing, sales or storage lots of recreational vehicles, mobilehomes, or manufactured housing, mobilehome parks, and special occupancy parks, shall be provided with an approved fire protection water supply in accordance with Section 507.

Exception: Special occupancy parks located in remote areas shall have a fire protection water supply as required by the fire code official, which shall not be less than the requirements of the California Code of Regulations, Title 25, Division 1, Chapter 2.2, Special Occupancy Parks, Article 6, Section 2300, et seq.

SECTION 153. Section 507.4.1 is hereby added to read as follows:

507.4.1 Private fire hydrant test and certification in mobilehome parks and special occupancy parks.

Private fire hydrants in mobilehome parks and special occupancy parks shall be tested and certified as required by California Code of Regulations, Title 25, Division 1, Chapter 2, Article 6, Section 1317 for mobilehome parks and Division 1, Chapter 2.2, Article 6, Section 2317 for special occupancy parks. Certification of such tests shall be completed by the local water supplier, a licensed C-16 fire protection contractor, or a licensed fire protection engineer as required by said Title 25.

SECTION 154. Section 507.5.5 is hereby amended to read as follows:

507.5.5 Clear space around hydrants.

A 3-foot (914 mm) clear space shall be maintained around the circumference of fire hydrants, except as otherwise required or approved. Vehicles parking near fire hydrants must also comply with California Vehicle Code Section 22514.

SECTION 155. Section 507.5.7 is hereby added to read as follows:

507.5.7 Firefighting water source marker.

When required by the fire code official, a fire hydrant and other firefighting water source shall be identified by the installation of a blue raised reflective pavement marker or identified by other approved means.

SECTION 156. Section 507.5.8 is hereby added to read as follows:

507.5.8 Private fire hydrant identification.

A private service fire hydrant shall be painted red in color. The valve stem, coupling threads, or portions of the hydrant where the application of paint would violate the listing of the hydrant or hinder its operation shall not be painted.

SECTION 157. Section 507.5.9 is hereby added to read as follows:

507.5.9 Private fire hydrant caps or plugs.

A private service fire hydrant hose coupling shall be provided with a protective thread cap or plug. Missing or damaged caps or plugs shall be replaced.

SECTION 158. Section 507.5.10 is hereby added to read as follows:

507.5.10 Draft system identification sign.

Draft hydrants, including those for existing swimming pools and spas constructed or located in a fire hazard severity zone with a capacity of 5,000 gallons (1892.71 L) or more equipped with draft hydrants, shall be identified with a permanent sign. The sign and its location shall be approved by the fire code official.

SECTION 159. Section 507.6 is hereby added to read as follows:

507.6 Aboveground controls and valves for water-based fire protection systems.

Aboveground controls and valves for water-based fire protection systems shall comply with Section 901.6.4.

SECTION 160. Section 509 is hereby amended to read as follows:

509 FIRE PROTECTION, ~~AND~~ UTILITY, AND HAZARDOUS EQUIPMENT IDENTIFICATION AND ACCESS

SECTION 161. Section 509.1.1 is hereby amended to read as follows:

509.1.1 Utility and hazardous equipment identification.

Where required by the fire code official, gas shutoff valves, electric meters, service switches and other utility equipment, as well as similar equipment of similar privately owned hazards, shall be clearly and legibly marked to identify the unit or space that ~~it~~each serves, and to identify the disconnection means of each, along with the total number of disconnects for each category of hazardous sources (e.g., electrical power sources, natural gas sources, etc.) and further identification of the hazard type where necessary (e.g., lithium-ion ESS, hydrogen gas fuel cell, etc.). Identification shall be made in an approved manner, readily visible and shall be maintained. For the purposes of Sections 509 and 603, both an energy storage system (ESS) and a photovoltaic (PV) system shall each be considered an electrical power source, with electrical service equipment, and an electrical hazard.

SECTION 162. Section 509.2 is hereby amended to read as follows:

509.2 Equipment and disconnection-means access.

Approved access shall be provided and maintained for all fire protection system, utility, and hazardous equipment, as determined by the fire code official, to permit immediate safe operation and maintenance of such equipment, including of required disconnection and/or attenuation means. Storage, trash and other materials or objects

shall not be placed or kept in such a manner that would prevent such equipment and means of disconnection and/or attenuation from being readily accessible.

SECTION 163. Section 509.3 is hereby added to read as follows:

509.3 Disconnection means location.

Where multiple sources of the same category of hazard (e.g., categories of electrical hazards, of flammable gas hazards, etc.) serve a single building, required disconnection and/or attenuation means for the sources of each hazard category shall be located together, in a location approved by the fire code official. Where additional and/or remote means are necessary in order to accomplish this requirement, physical disconnection shall be achieved at the source of the hazard itself, such as by use of relay(s). Required disconnection and/or attenuation means for electrical hazards shall be located within 6 feet (1829 mm) of the main service panel, on the same wall plane, and maintained not separated from one another by walls, gates, fences, vegetation, or architectural features of the building.

Exception: The fire code official shall have the authority to allow case-by-case exceptions where site or hazard constraints make a requirement impractical. Where such exceptions are granted, clear, permanent signage shall be provided in all cases. The color, content, number, and medium of the signage shall be as determined by the fire code official.

SECTION 164. Section 510.1 is hereby amended to read as follows:

510.1 Emergency responder communication coverage (ERCC) in new buildings.

Approved in-building, two-way emergency responder communication coverage for emergency responders shall be provided in all new buildings. In-building, two-way emergency responder communication coverage within the building shall be based on the existing coverage levels of the public safety communication systems utilized by the jurisdiction, measured at the exterior of the building. This section shall not require improvement of the existing public safety communication systems.

Exceptions:

1. Where approved by the building official and the fire code official, a wired communication system in accordance with Section 907.2.13.2 shall be permitted to be installed or maintained instead of an approved radio coverage, or otherwise-required communication-coverage, system.
2. Where it is determined by the fire code official that the radiocommunication coverage system is not needed. In order to make this determination, the fire code official may require an approved type of evaluation and/or modeling of communication coverage signal strength be conducted, at the expense of the building owner, for new buildings, new portions of buildings, or buildings or portions thereof otherwise triggering the provisions of this code.

3. In facilities where emergency responder ~~radio~~communication coverage is required and such systems, components or equipment required could have a negative impact on the normal operations of that facility, the fire code official shall have the authority to accept an automatically activated emergency responder ~~radio~~communication coverage system.

4. One- and two-family dwellings and townhouses.

SECTION 165. Section 510.2 is hereby amended to read as follows:

510.2 ~~Emergency responder communication coverage in existing buildings~~Reserved.

~~Existing buildings shall be provided with approved in-building, two-way emergency responder communication coverage for emergency responders as required in Chapter 11.~~

SECTION 166. Section 510.4.1 is hereby amended to read as follows:

510.4.1 Emergency responder communication coverage system signal strength.

The building shall be considered to have acceptable in-building, two-way emergency responder communication system coverage where signal strength measurements in 95 percent of all areas ~~and 99 percent of areas designated as critical areas by the fire code official~~ on each floor of the building, and 99 percent of each critical area as designated below, meet the signal strength requirements in Sections 510.4.1.1 through 510.4.1.3. Critical areas shall include the following:

1. At all fire alarm control panels.

2. At fire fighter's smoke control panels.

3. At the main electrical panel(s).

4. Throughout emergency and standby power rooms.

5. Throughout a fire command center complying with Section 508.

6. Throughout exit stairs.

7. Throughout areas of refuge.

8. Throughout fire pump rooms.

9. Throughout elevator machine rooms and elevator lobbies.

10. Throughout building lobbies.

11. Locations as determined by the fire code official.

SECTION 167. Section 510.4.1.1 is hereby amended to read as follows:

510.4.1.1 Minimum signal strength into the building.

The minimum inbound signal strength shall be sufficient to provide usable voice communications throughout the coverage area as specified by the fire code official. The inbound signal level shall be a ~~minimun~~minimum of -95dBm throughout the coverage area and sufficient to provide not less than a Delivered Audio Quality (DAQ) of ~~3.0~~3.4 or an equivalent Signal-to-Interference-Plus-Noise Ratio (SINR) applicable to the technology for either analog or digital signals.

SECTION 168. Section 510.4.1.2 is hereby amended to read as follows:

510.4.1.2 Minimum signal strength out of the building.

The minimum outbound signal strength shall be sufficient to provide usable voice communications throughout the coverage area as specified by the fire code official. The

outbound signal level shall be sufficient to provide not less than a DAQ of ~~3.0~~3.4 or an equivalent SINR applicable to the technology for either analog or digital signals.

SECTION 169. Section 510.4.2 is hereby amended to read as follows:

510.4.2 System design.

The in-building, two-way emergency responder communication coverage system shall be designed in accordance with Sections 510.4.2.1 through 510.4.2.8 ~~and~~, in accordance with NFPA 1221, and as determined by the fire code official.

SECTION 170. Section 510.4.2.3 is hereby amended to read as follows:

510.4.2.3 Standby power.

In-building, two-way emergency responder communication coverage systems shall be provided with dedicated standby batteries or provided with ~~2~~12-hour standby batteries and connected to the facility generator power system in accordance with Section 1203. The standby power supply shall be capable of operating the in-building, two-way emergency responder communication coverage system at 100-percent system capacity for a duration of not less than ~~12~~24 hours.

SECTION 171. Section 510.5 is hereby amended to read as follows:

510.5 Installation requirements.

The installation of the in-building, two-way emergency responder communication coverage system shall be in accordance with NFPA 1221 ~~and~~, in accordance with Sections 510.5.~~2~~1 through 510.5.5, and as determined by the fire code official.

SECTION 172. Section 510.5.1 is hereby amended to read as follows:

510.5.1 Mounting of the donor antenna(s).

To maintain proper alignment with the system designed donor site, donor antennas shall be permanently affixed on the building ~~or where approved~~,. For existing installations where an antenna was previously approved to be mounted on a movable sled, the assembly shall be provided with an approved, clearly visible sign stating "MOVEMENT OR REPOSITIONING OF THIS ANTENNA IS PROHIBITED WITHOUT APPROVAL FROM THE FIRE CODE OFFICIAL." The antenna installation shall be in accordance with the applicable requirements in the *California Building Code* for weather protection of the building envelope.

SECTION 173. Section 510.5.4 is hereby amended to read as follows:

510.5.4 Acceptance test procedure.

Where an in-building, two-way emergency responder communication coverage system is required, and upon completion of installation, the building owner shall have the radio system tested to verify that two-way coverage on each floor of the building is not less than 95 percent, and 99 percent for critical areas as defined in Section 510.4.1. The test procedure shall be conducted as follows:

1. ~~Each~~For the 95-percent coverage test, each floor of the building shall be divided into a grid of 20 approximately equal test areas. Floors or levels of exceptionally large size may be required to be considered in sections in order to keep the individual grid test areas of reasonable size.

For the critical-areas coverage test, those areas shall be identified and shall require 99-percent coverage.

2. The test shall be conducted using a calibrated portable radio of the latest brand and model used by the agency talking through the agency's radio communications system or equipment approved by the fire code official.

3. Failure of more than one test area shall result in failure of the test. No failure of critical areas will be allowed.

4. ~~In~~For the 95-percent coverage requirement areas, in the event that two of the test areas fail the test, in order to be more statistically accurate, the floor shall be permitted to be divided into 40 equal test areas. Failure of not more than two nonadjacent test areas shall not result in failure of the test. If the system fails the 40-area test, the system shall be altered to meet the 95-percent coverage requirement.

. . .

SECTION 174. Section 510.6 is hereby amended to read as follows:

510.6 Maintenance and notifications.

The in-building, two-way emergency responder communication coverage system shall be maintained operational at all times in accordance with Sections 510.6.1 through 510.6.4, and with local requirements, including any required notifications to emergency-responder and/or communication-system-provider agencies.

SECTION 175. Section 510.6.2 is hereby amended to read as follows:

510.6.2 Additional frequencies.

The building owner shall modify or expand the in-building, two-way emergency responder communication coverage system at his or her expense in the event frequency changes are required by the FCC ~~or~~, other radio licensing authority, or fire code official, or additional frequencies are made available by the FCC or other radio licensing authority. Prior approval of an in-building, two-way emergency responder communication coverage system on previous frequencies does not exempt this section.

SECTION 176. Section 511 is hereby added to read as follows:

511 DESTRUCTION OF SIGNS

511.1 Destruction of signs.

No person shall mutilate or remove or destroy any sign or notice posted, or required to be posted, by the fire code official or a duly authorized representative.

SECTION 177. Section 603.4 is hereby amended to read as follows:

603.4 Working space and clearances.

Working space around electrical equipment shall be provided in accordance with Section 110.26 of *the California Electrical Code* for electrical equipment rated 1,000 volts or less, and Section *110.32* of *the California Electrical Code* for electrical equipment rated over 1,000 volts. The minimum required working space shall be not less than 30 inches (762 mm) in width, 36 inches (914 mm) in depth and 78 inches (1981 mm) in height in front of electrical service equipment. Where the electrical service equipment is wider than 30 inches (762 mm), the minimum working space shall

be not less than the width of the equipment. Storage of materials shall not be located within the designated working space.

The code official is authorized to require the installation, painting, and/or placement of approved physical markers, and verbiage as deemed necessary, by which to visually designate the area to be maintained clear of storage.

SECTION 178. Section 603.4.1 is hereby amended to read as follows:

603.4.1 Electrical signage and ~~L~~labeling.

Doors into electrical control panel rooms shall be marked with a plainly visible and legible sign stating "ELECTRICAL ROOM" or similar approved wording. The disconnecting means for each service, feeder or branch circuit originating on a switchboard or panelboard shall be legibly and durably marked to indicate its purpose unless such purpose is clearly evident.

Where buildings or structures are supplied by more than one power source, markings shall be provided at each service equipment location and at all interconnected electric power production sources identifying all electric power sources at the premises in accordance with *the California Electrical Code*, and other requirements of the fire authority. See Section 509, et seq.

For the purposes of Sections 509 and 603, both an energy storage system (ESS) and a photovoltaic (PV) system shall each be considered an electrical power source, with electrical service equipment, and an electrical hazard.

SECTION 179. Section 604.4 is hereby amended to read as follows:

604.4 Emergency signs.

An approved pictorial sign of a standardized design shall be posted adjacent to each elevator call station on all floors instructing occupants to use the exit stairways and not to use the elevators in case of fire. The sign shall read: "IN FIRE EMERGENCY, DO NOT USE ELEVATOR. USE EXIT STAIRS." Letters shall be at least 1-inch (25 mm) high and in contrasting color to the background.

Exceptions:

1. The emergency sign shall not be required for elevators that are part of an accessible means of egress complying with Section 1009.4.
2. The emergency sign shall not be required for elevators that are used for occupant self-evacuation in accordance with Section 3008 of the *California Building Code*.

SECTION 180. Section 901.6 is hereby amended to read as follows:

901.6 Inspection, testing, and maintenance.

Fire protection and life safety systems shall be maintained in an operative condition at all times, and shall be replaced or repaired where defective. Nonrequired fire protection and life safety systems and equipment shall either be inspected, tested and maintained, or be removed in accordance with Section 901.8.

Fire protection and life safety system equipment, including initiating devices, alarm notification appliances, and annunciators shall not be concealed from view, obstructed, or impaired in any manner.

. . .

SECTION 181. Section 901.6.4 is hereby added to read as follows:

901.6.4 Aboveground controls and valves for water-based fire protection systems.

Aboveground controls and valves for water-based fire protection systems, including but not limited to private fire hydrant systems, service mains, and appurtenances, shall be installed and maintained in accordance with Sections 901.6.4.1 through 901.6.4.4.

901.6.4.1 Signage.

Aboveground controls and valves for water-based fire protection systems shall be provided with signage in accordance with all of the following:

1. Signs shall indicate the function of the valve and identify the areas or systems it controls.
2. Signs shall be metal and painted red with white letters. The characters shall be a minimum of 1-inch (25.4 mm) high with a $^{3}/_{16}$-inch (4.8 mm) stroke.
3. Signs shall be metal and permanently banded to the valve or permanently affixed to a wall, using corrosion-resistant means.
4. Signage and compliance with this section shall require approval by the fire code official.

901.6.4.2 Locks.

Aboveground controls and valves for water-based fire protection systems shall be locked in the fully open position using a cable or chain and a non-case-hardened

lock, or by other approved means. Detachable wrenches for post-indicator valves shall be secured in place by the use of a non-case-hardened lock.

Exception: Water supplies for one- and two-family dwellings shall not be required to be locked.

901.6.4.3 Painting identification.

Aboveground controls and valves for water-based fire protection systems shall be painted red on any exposed surfaces subject to rust or corrosion. Valve stems, coupling threads, operating mechanisms, sight windows, components, or portions of the valve where the application of paint would violate the listing of the valve or hinder its operation shall not be painted.

901.6.4.4 Clear space.

A 3-foot (914 mm) clear space shall be maintained around the circumference of aboveground controls and valves for water-based fire protection systems, except as otherwise required or approved.

SECTION 182. Section 901.7 is amended to read as follows:

901.7 Systems out of service.

Where a required fire protection system is out of service, the fire department and the fire code official shall be notified immediately and, where required by the fire code official, the building shall be either evacuated or an approved fire watch shall be provided for all occupants left unprotected by the shutdown until the fire protection system has been returned to service.

Where utilized, fire watches shall be provided with not less than one approved means for notification of the fire department and their only duty shall be to perform

constant patrols of the protected premises and keep watch for fires. Also see Section 401.10 for fire watch responsibilities and procedures.

Exception: Facilities with an approved notification and impairment management program. The notification and impairment program for water-based fire protection systems shall comply with *California* NFPA 25.

SECTION 183. Section 901.7.4 is hereby amended to read as follows:

901.7.4 Preplanned impairment programs.

Preplanned impairments shall be authorized by the impairment coordinator. Before authorization is given, a designated individual shall be responsible for verifying that all of the following procedures have been implemented:

. . .

9. When alteration requires modification of a portion of a fire protection system, the remainder of the system shall be kept in service.

10. When it is necessary to take a fire protection system, or portion thereof, out of service for repair, the repair shall be completed immediately and the system returned to full service.

SECTION 184. Section 901.8.2 is hereby amended to read as follows:

901.8.2 Removal of existing occupant-use hose lines.

The fire code official is authorized to permit the removal of existing occupant-use hose lines where ~~both~~all of the following conditions exist:

1. The hose line would not be utilized by trained personnel or the fire department.

2. The remaining outlets are compatible with local fire department fittings.

3. The area is provided with an approved fire sprinkler system.

SECTION 185. Section 902.1 is amended to read as follows:

902.1 Definitions.

The following terms are defined in Chapter 2:

. . .

FIRE SAFETY FUNCTIONS.

FIRE WATCH.

FIXED BASE OPERATOR (FBO).

. . .

SECTION 186. Section 903.2.8 is amended to read as follows:

903.2.8 Group R.

An automatic sprinkler system installed in accordance with Section 903.3 shall be provided throughout all buildings with a Group-R fire area.

Fire sprinkler systems shall be installed in mobilehomes, manufactured homes and multifamily manufactured homes with two dwelling units. The system design and the installation process shall be in accordance with Title 25 of the California Code of Regulations.

Exceptions:

. . .

SECTION 187. Section 903.2.11 is amended to read as follows:

903.2.11 Specific buildings areas and hazards.

In all occupancies other than Group U, an automatic sprinkler system shall be installed for building design or hazards in the locations set forth in Sections 903.2.11.1 through 903.2.11.~~6~~7.

SECTION 188. Section 903.2.11.7 is added to read as follows:

903.2.11.7 Occupancies in fire hazard severity zones and within the San Gabriel Southface Area or the Malibu–Santa Monica Mountains Area.

An automatic fire sprinkler system shall be installed in every occupancy which is newly constructed or which is modified, reconstructed, or remodeled by adding 50 percent or more of the floor area of the existing occupancy, within any 12-month period, where the occupancy is located in a fire hazard severity zone and within the San Gabriel Mountains Southface Area or the Malibu–Santa Monica Mountains Area, as defined in Appendix PP.

Exceptions:

1. Occupancies located in the San Gabriel Mountains Southface Area and which are located 3 miles or less from the closest existing or planned Los Angeles County Fire Station capable of supporting firefighting resources are exempt from the fire sprinkler requirement. Travel distances shall be measured by the most direct route on streets or roads accessible to fire department apparatus.

2. Occupancies modified, reconstructed, or remodeled by adding 50 percent or more of the floor area of the existing occupancy, where the total floor area of the occupancy after the modification, reconstruction, or remodel is less than 5,000 square feet (465 m^2), are exempt from the fire sprinkler requirement.

3. Detached private garages, sheds, and agricultural buildings less than 1000 square feet (92 m^2) in area and separated from other structures by a minimum of 6 feet (1829 mm), are exempt from the fire sprinkler requirement.

4. Detached gazebos, pergolas, and carports open on two or more sides, that are separated from other structures by a minimum of 6 feet (1829 mm) are exempt from the fire sprinkler requirement.

5. Detached Group-U occupancies, separated from other structures by a minimum of 6 feet (1829 mm), built entirely out of noncombustible materials, and with no combustible storage, are exempt from the fire sprinkler requirement.

For the purposes of this subsection, "planned Los Angeles County Fire Station" means a fire station, approved by the Consolidated Fire Protection District of Los Angeles County that will be developed within five years from the date of building permit application for the subject development.

The Board of Supervisors finds it necessary to impose these requirements upon the issuance of a building permit because a failure to do so would place the residents of

the subdivision or the immediate community, or both, in a condition perilous to their health or safety, or both.

SECTION 189. Section 903.4.2 is hereby amended to read as follows:

903.4.2 Alarms.

One exterior approved audible device, located on the exterior of the building in an approved location, shall be connected to each automatic sprinkler system. Such sprinkler waterflow alarm devices shall be activated by water flow equivalent to the flow of a single sprinkler of the smallest orifice size installed in the system. Where a fire alarm system is installed, actuation of the automatic sprinkler system shall actuate the building fire alarm system. *Visible alarm notification appliances shall not be required except when required by Section 907* and/or Section 903.4.2.1*.*

SECTION 190. Section 903.4.2.1 is hereby added to read as follows:

903.4.2.1 Remote annunciation.

A dedicated fire alarm control unit for the fire sprinkler monitoring system shall be provided and located in an approved location, near the main entrance into the building for fire department use. An approved remote annunciator may be installed at the approved location in lieu of the fire alarm control unit. Zone indication on the remote annunciator may be required by the fire code official.

SECTION 191. Section 904.1.1 is hereby amended to read as follows:

904.1.1 ~~Certification of service personnel for fire-extinguishing equipment~~Reserved.

~~Service personnel providing or conducting maintenance on automatic fire-extinguishing systems, other than automatic sprinkler systems, shall possess a valid~~

~~certificate issued by an approved governmental agency, or other approved organization for the type of system and work performed.~~

SECTION 192. Section 904.3.5 is hereby amended to read as follows:

904.3.5 Monitoring.

~~Where~~When a building fire alarm system or sprinkler monitoring system is installed, automatic fire-extinguishing systems shall be monitored by the building's fire alarm ~~system~~control unit in accordance with NFPA 72.

SECTION 193. Section 905.2.1 is hereby added to read as follows:

905.2.1 Class I standpipes — rating.

Materials and devices shall be of sufficient strength to withstand not less than 200 pounds per square inch (1379 kPa) of water pressure when ready for service. All Class I standpipes shall be tested hydrostatically to withstand not less than 200 pounds per square inch (1379 kPa) of pressure for 2 hours, but in no case shall the pressure be less than 50 pounds per square inch (344.7 kPa) above the maximum working pressure.

SECTION 194. Section 905.4 is hereby amended to read as follows:

905.4 Location of Class I standpipe hose connections.

Class I standpipe hose connections shall be provided in all of the following locations:

1. In every required interior exit stairway, a hose connection shall be provided for each story above and below grade plane. Hose connections shall be located at the main floor landing unless otherwise approved by the fire code official. *See Section*

909.20.2.3 of the California Building Code for additional provisions in smokeproof enclosures.

~~**Exception:** A single hose connection shall be permitted to be installed in the open corridor or open breezeway between open stairs that are not greater than 75 feet (22 860 mm) apart.~~

. . .

SECTION 195. Section 905.4.3 is hereby added to read as follows:

905.4.3 Outlets.

Each standpipe shall be equipped with an approved 2½-inch (63.5 mm) outlet not less than 2 feet (609.6 mm) and not more than 4 feet (1219.2 mm) above the floor level of each story. Standpipe outlets in stairway enclosures or smokeproof enclosures shall be located so that the exit doors do not interfere with the use of the outlet and located on the main stair landing. All outlets shall be equipped with an approved valve, cap, and chains.

SECTION 196. Section 905.5.3 is hereby amended to read as follows:

905.5.3 Class II system 1½-inch hose.

A minimum 1½-inch (~~25~~38.1-mm) hose shall be allowed to be used for hose stations in light-hazard occupancies where investigated and listed for this service and where approved by the fire code official. Each Class II interior wet standpipe hose station shall be equipped with a 1½-inch (38.1 mm) valve, no more than 100 feet (30 480 mm) of lined hose, and an approved fog nozzle in each story, including the basement or cellar of the building, and located not less than 3 feet (914.4 mm) and not

more than 5 feet (1524 mm) above the floor. Where combination standpipes are installed, the 1½-inch (38.1 mm) outlet system may be supplied from the combination system with a 2-inch (50.8 mm) connecting line.

SECTION 197. Section 905.9 is hereby amended to read as follows:

905.9 Riser shutoff ~~V~~valve supervision and drain.

Each individual riser must be equipped with an approved indicating valve at its base and an approved valve for draining. Valves controlling water supplies shall be supervised in the open position so that a change in the normal position of the valve will generate a supervisory signal at the supervising station required by Section 903.4. Where a fire alarm system is provided, a signal shall be transmitted to the control unit.

Exceptions:

. . .

SECTION 198. Section 905.13 is hereby added to read as follows:

905.13 Standpipe diameter.

Class III standpipes shall be not less than 6 inches (150 mm) in diameter.

SECTION 199. Section 906.1 is hereby amended to read as follows:

906.1 Where required.

Portable fire extinguishers shall be installed in all of the following locations.

1. In new and existing Group A, B, E, F, H, I, *L*, M, R-1, R-2, *R-2.1, R-2.2, R-3.1*, R-4, and S occupancies.

   Exception: ~~In~~When approved by the fire code official for Group R-2 occupancies, portable fire extinguishers shall be required only in locations specified in Items 2 through 6

where each dwelling unit is provided with a portable fire extinguisher having a minimum rating of 1-A:10-B:C.

. . .

SECTION 200. Section 910.2 is hereby amended to read as follows:

910.2 Where required.

Smoke and heat vents or a mechanical smoke removal system shall be installed as required by Sections 910.2.1 and 910.2.2.

Exceptions:

~~1.~~ Frozen food warehouses used solely for storage of Class I and II commodities where protected by an approved automatic sprinkler system.

~~2. Smoke and heat removal shall not be required in areas of buildings equipped with early suppression fast-response (ESFR) sprinklers.~~

~~3. Smoke and heat removal shall not be required in areas of buildings equipped with control mode special application sprinklers with a response time index of 50 $(m \cdot s)^{1/2}$ or less that are listed to control a fire in stored commodities with 12 or fewer sprinklers.~~

SECTION 201. Section 910.2.3 is hereby added to read as follows:

910.2.3 Group S-2.

Group S-2 buildings, and portions thereof, containing a total basement-area enclosed parking garage exceeding 12,000 square feet (1108 m^2) shall require a mechanical smoke-removal system installed in accordance with Section 910.4.

SECTION 202. Section 910.3 is hereby amended to read as follows:

910.3 Smoke and heat vents design and installation.

The design and installation of smoke and heat vents shall be ~~in accordance with~~as specified in Sections 910.3.1 through ~~910.3.3~~910.3.5.

SECTION 203. Section 910.3.2 is hereby amended to read as follows:

910.3.2 Smoke and heat vent locations.

Smoke and heat vents shall be located 20 feet (6096 mm) or more from adjacent lot lines and fire walls and 10 feet (3048 mm) or more from fire barriers. Vents shall be uniformly located within the roof in the areas of the building where the vents are required to be installed by Section 910.2, with consideration given to roof pitch, sprinkler location, draft curtains, and structural members.

SECTION 204. Section 910.3.4 is hereby amended to read as follows:

910.3.4 Vent operation.

Smoke and heat vents shall be ~~capable of being operated by approved automatic and manual means~~designed to operate automatically, but also have the capability of being opened by an approved exterior manual operation. Automatic operation of smoke and heat vents shall conform to the provisions of Sections 910.3.4.1 through 910.3.4.3.

SECTION 205. Section 910.3.4.1 is hereby added to read as follows:

910.3.4.1 Gravity-operated drop-out vents.

Thermoplastic drop-out vents, designed to shrink and drop out of the vent opening when exposed to fire, shall fully open within 5 minutes after the vent cavity is exposed to an air temperature of 500°F (260°C).

SECTION 206. Section 910.3.4.2 is hereby added to read as follows:

910.3.4.2 Sprinklered buildings.

Where installed in buildings provided with an approved automatic sprinkler system, smoke and heat vents shall be designed in accordance with Sections 910.3.2.2.1 through 910.3.2.2.2.

910.3.4.2.1 Control mode sprinkler system.

Smoke and heat vents installed in areas of buildings with a control mode sprinkler system shall have operating elements with a higher temperature classification than the automatic fire sprinklers in accordance with NFPA 13.

910.3.4.2.2 Early suppression fast-response (ESFR) sprinkler system.

Smoke and heat vents installed in areas of buildings with early suppression fast-response (ESFR) sprinklers shall be equipped with a standard-response operating mechanism having a minimum temperature rating of the greater of either 360ºF (182ºC), or 100ºF (56ºC) above the operating temperature of the sprinklers.

SECTION 207. Section 910.3.4.3 is hereby added to read as follows:

910.3.4.3 Nonsprinklered buildings.

Where installed in buildings not provided with an approved automatic sprinkler system, smoke and heat vents shall operate by actuation of a heat-responsive device rated at between 100°F (38°C) and 220°F (104°C) above ambient.

Exception: Gravity-operated drop-out vents complying with Section 910.3.2.1.

SECTION 208. Section 910.3.5 is hereby amended to read as follows:

910.3.5 ~~Fusible link temperature rating~~Vent dimensions.

~~Where vents are installed in areas provided with automatic fire sprinklers and the vents operate by fusible link, the fusible link shall have a temperature rating of 360°F (182°C).~~ The effective venting area of an individual vent shall not be less than 16 square feet (1.5 m^2) with no dimension less than 4 feet (1219 mm), excluding ribs or gutters having a total width not exceeding 6 inches (152.4 mm).

SECTION 209. Section 910.4.3 is hereby amended to read as follows:

910.4.3 System design criteria.

The mechanical smoke removal system shall be sized to exhaust the building at a minimum rate of two air changes per hour based on the volume of the building or portion thereof without contents. Mechanical smoke removal systems provided for basement-level enclosed parking garages shall be designed to provide a minimum of six complete air changes per hour**.** The capacity of each exhaust fan shall not exceed 30,000 cubic feet per minute (14.2 m^3/s).

SECTION 210. Section 910.4.4 is hereby amended to read as follows:

910.4.4 Activation.

The mechanical smoke removal system shall be activated by manual controls only. For basement-level enclosed parking garages, mechanical smoke removal systems shall be automatically activated by the automatic sprinkler system or by heat detectors having operating characteristics equivalent to those described in Section 910.3. Individual manual controls for each fan unit shall also be provided.

SECTION 211. Section 912.1 is hereby amended to read as follows:

912.1 Installation.

Fire department connections shall be installed in accordance with the NFPA standard applicable to the system design and shall comply with Sections 912.2 through 912.~~7~~9.

SECTION 212. Section 912.2 is hereby amended to read as follows:

912.2 Location.

With respect to hydrants, driveways, buildings and landscaping, fire department connections shall be so located that fire apparatus and hose connected to supply the system will not obstruct access to the buildings for other fire apparatus. The location of fire department connections shall be approved by the fire code official. More than one fire department connection may be required.

SECTION 213. Section 912.2.1 is hereby amended to read as follows:

912.2.1 Visible location.

Fire department connections shall be located on the street-address side of buildings; ~~or~~ facing approved fire apparatus access roads~~,~~; within 150 feet (via vehicular access) of an accessible public fire hydrant; as close to the street curb face as possible; fully visible; and recognizable from the street, fire apparatus access road or nearest point of fire department vehicle access; or as otherwise approved by the fire code official.

Fire department connections shall be located a minimum of 25 feet (7620 mm) from the structure. When this distance cannot be achieved, a minimum 2-hour fire-resistive wall shall be provided for the structure with no openings in the wall, for 25 feet (7620 mm) in either direction from the fire department connection. The required fire-resistive construction and lack of openings shall extend for the full height of the wall or building as determined by the fire code official. The fire code official may allow sufficiently protected overhead openings.

Fire department connections shall be located not less than 24 inches (609.6 mm) nor more than 42 inches (1066.8 mm) above grade.

SECTION 214. Section 912.3 is hereby amended to read as follows:

912.3 Fire hose threads and appliance.

Fire hose threads used in connection with standpipe systems shall be approved and shall be compatible with fire department hose threads. Standpipes shall be equipped with a listed four-way fire department connection. Systems with three or more standpipes shall be provided with a sufficient number of inlets as required by the fire code official. All fire department connections shall be equipped with an approved straight-way check valve.

SECTION 215. Section 912.4.2 is hereby amended to read as follows:

912.4.2 Clear space around connections.

A working space of not less than 36 inches (914 mm) in width, 36 inches (914 mm) in depth and 78 inches (1981 mm) in height shall be provided and maintained in front of and to the sides of wall-mounted fire department connections and around the circumference of free-standing fire department connections, except as otherwise required or approved by the fire code official. The protective requirements of Section 912.2.1 shall also be met.

SECTION 216. Section 912.5 is hereby amended to read as follows:

912.5 Signs.

A metal sign with raised letters not less than 1 inch (25 mm) in size shall be mounted on all fire department connections and test connections serving automatic sprinklers, standpipes or fire pump connections. ~~Such~~In addition to either "FDC" or

"TEST CONNECTION", such signs shall read: "AUTOMATIC SPRINKLERS" or "STANDPIPES" ~~or "TEST CONNECTION"~~ or a combination thereof as applicable. The sign shall indicate the street addresses of buildings that the fire department connection serves. Where the fire department connection does not serve the entire building, ~~a~~ sign(s) shall be provided indicating the portions of the building served. For a system where the pressure required at the inlets to deliver the greatest system demand is greater than 150 psi (1034.21 kPa), the sign shall indicate the required pumping pressure. Signage shall require approval of the fire code official.

SECTION 217. Section 912.7 is hereby amended to read as follows:

912.7 Inspection, testing and maintenance.

Fire department connections shall be periodically inspected, tested and maintained in accordance with *California Code of Regulations, Title 19, Division 1, Chapter 5*~~.~~, and the maintenance provisions of this code. Records of inspection, testing and maintenance shall be maintained. Provisions regarding signage, painting, hose threads, physical protection where deemed necessary by the code official, and maintenance of original clear space, shall be retroactive.

SECTION 218. Section 912.8 is hereby added to read as follows:

912.8 Identification — paint color.

Fire department connections shall be maintained painted red on any exposed surfaces subject to rust or corrosion. Coupling threads, operating mechanisms, sight windows, components, or portions of the valve where the application of paint would violate the listing of the valve or hinder its operation shall not be painted.

SECTION 219. Section 912.9 is hereby added to read as follows:

912.9 Breakable caps or plugs.

A fire hose coupling that is part of a fire department connection shall be provided with a protective breakable cap or plug. Missing or damaged breakable caps or plugs shall be replaced.

SECTION 220. Section 914.9.1 is hereby added to read as follows:

914.9.1 Spray booths.

Spray booths shall be provided with automatic fire sprinkler system protection when the spray booth is located in a portion of a building that is protected with an automatic fire sprinkler system.

SECTION 221. Section 1032.4 is hereby amended to read as follows:

1032.4 Exit signs.

Except as stated in Sections 1032.4.1 through 1032.4.3, and where indicated elsewhere as retroactive, ~~E~~exit signs shall be installed and maintained in accordance with the building and/or fire code that was in effect at the time of construction and the applicable provisions in Section 1104. Decorations, furnishings, equipment or adjacent signage that impairs the visibility of exit signs, creates confusion or prevents identification of the exit shall not be allowed.

SECTION 222. Section 1032.4.1 is hereby added to read as follows:

1032.4.1 Elevator signage.

Elevator signage directing occupants not to use the elevator in case of fire, or other emergency when appropriate, shall be posted in accordance with Section 604.4 and elsewhere as required by the fire code official.

SECTION 223. Section 1032.4.2 is hereby added to read as follows:

1032.4.2 Emergency exiting information signs.

In hotels, motels, lodging houses, and high-rise buildings; in office buildings two or more stories in height; in Group I, Division 1 and 2 occupancies as defined in the California Building Code (except honor farms and conservation camps); and in other buildings or areas determined by the fire code official, a floor plan providing emergency procedures information shall be posted at every stairway landing, at every elevator landing and immediately inside all public entrances to the building, and elsewhere as required by the fire code official.

This emergency exiting information shall be printed with a minimum of $^{3}/_{16}$-inch (4.8 mm) high nondecorative lettering providing a sharp contrast to the background. Content and location shall be subject to approval by the fire code official. The floor plan and associated information shall be posted so that it describes the represented floor level, and so that the bottom edge of such information is not located more than 4-feet above the floor. It shall provide the following:

1. Directions to all applicable exits on that floor.
2. Directions to any refuge areas on that floor.
3. Location of fire alarm initiating stations, if required.
4. What the fire alarm, if required, sounds and looks like (audible and visual warning devices).
5. Fire department emergency telephone number 911.
6. The prohibition of elevator use during emergencies, if any. See Sections 1032.4.1 and 604.4.

7. Where special hazards exist, the fire code official shall have the authority to require additional information pertinent to emergency exiting and operations.

SECTION 224. Section 1032.4.3 is hereby added to read as follows:

1032.4.3 Stairway and elevator lobby identification signs.

The fire code official shall be authorized to require stairway identification signs and elevator lobby identification signs up to the design requirements of Sections 1023.9 through 1023.10.

SECTION 225. Section 1103.11 is hereby added to read as follows:

1103.11 Fire department access.

Where access to or within a structure or an area is restricted because of secured openings or where immediate access is necessary for life-saving or fire-fighting purposes, the fire code official is authorized to require a key box to be installed in an approved location, in accordance with Section 506. Components of required means of access, which may include gates or similar barriers, or locks or other limited-access devices, shall be maintained in an operative condition at all times and replaced, repaired, or removed when defective.

SECTION 226. Section 1203.2.3 is hereby amended to read as follows:

1203.2.3 Emergency responder communication coverage systems.

Standby power shall be provided for in-building, two-way emergency responder communication coverage systems as required in Section 510.4.2.3. The standby power supply shall be capable of operating the in-building, two-way emergency responder

communication coverage system at 100-percent system operation capacity for a duration of not less than ~~12~~24 hours.

SECTION 227. Section 1203.2.5 is hereby amended to read as follows:

1203.2.5 Exhaust ventilation.

Standby power shall be provided for mechanical exhaust ventilation systems as required in Section 1207.6.1.~~2.1~~3. The system shall be capable of powering the required load for a duration of not less than ~~2~~6 hours.

SECTION 228. Section 1203.2.7 is hereby amended to read as follows:

1203.2.7 Gas detection systems.

Emergency power shall be provided for gas detection systems where required by Sections 1203.2.10 and 1203.2.17. Standby power shall be provided for gas detection systems where required by Sections 916.5 and 1207.6.1.~~2.4~~6.

SECTION 229. Section 1204.4 is hereby amended to read as follows:

1204.4 Grounding.

Portable generators shall be grounded in accordance with *the California Electrical Code*, or when required by the fire code official.

SECTION 230. Section 1205.2 is hereby amended to read as follows:

1205.2 Access and pathways.

Roof access, pathways and spacing requirements shall be provided in accordance with Sections 1205.2.1 through 1205.3.3. Pathways shall be over areas capable of supporting fire fighters accessing the roof. Pathways shall be located in areas with minimal obstructions, such as vent pipes, conduit or mechanical equipment.

Exceptions:

Regulatory note: For bathrooms and occupiable and/or habitable portions of structures, the following list of exceptions shall not apply to portions of roofs where windows or doors with ready access from within, and/or where designated emergency escape and rescue openings, are set back from the roof edge such that occupants would need to cross any portion of the solar array or associated electrical hazard during escape or rescue through the opening, unless determined otherwise by the fire code official.

Considerations of the fire code official in making this determination may include, but not be limited to, the determination of pathways serving each opening; pathway widths of 36 inches (914 mm), up to the full width of the opening where the extent of such pathways cannot be readily determined or visibly indicated; the ability of occupants and fire fighters to recognize or infer those pathways or their extent; the ability for occupants and fire fighters to readily identify, locate, and avoid electrified components therein; the ability of fire fighters to assess the structural integrity of the applicable roof portion(s) without exposing hazards to which occupants would then be exposed during travel across the pathway(s); and the availability, extent, and integrity of other egress, escape, and rescue options and fire protection measures.

1. Detached, nonhabitable Group U structures including, but not limited to, detached garages serving Group R-3 buildings, parking shade structures, carports, solar trellises and similar structures.
2. Roof access, pathways and spacing requirements need not be provided where the fire code official has determined that rooftop operations will not be employed.
3. Building-integrated photovoltaic (BIPV) systems where the BIPV systems are approved, integrated into the finished roof surface and are listed in accordance with a national test standard developed to address Section 690.12(B)(2) of *the California Electrical Code*. The removal or cutting away of portions of the BIPV system during fire-fighting operations shall not expose a fire fighter to electrical shock hazards.

SECTION 231. Section 1205.4 is hereby amended to read as follows:

1205.4 Buildings with rapid shutdown.

Buildings with rapid shutdown solar photovoltaic systems shall have permanent labels in accordance with Sections 1205.4.1 through 1205.4.3, and Section 509, et seq.

SECTION 232. Section 1205.5.1 is hereby amended to read as follows:

1205.5.1 Vegetation control.

A clear, brush-free area of 10 feet (3048 mm) shall be required around the perimeter of ~~the~~new and existing ground-mounted photovoltaic arrays. A noncombustible base of gravel or a maintained vegetative surface or a noncombustible

base, approved by the fire code official, shall be installed and maintained under the photovoltaic arrays and associated electrical equipment installations.

SECTION 233. Section 1206.10 is hereby amended to read as follows:

1206.10 Manual shutoff.

Access to a manual shutoff valve shall be provided for the fuel piping within 6 feet (1829 mm) of any fuel storage tank serving the fuel cell and within 6 feet (1829 mm) of the power system. If the fuel tank and the stationary fuel cell power system are less than 12 feet (3658 mm) apart, a single shutoff valve shall be permitted. If the stationary fuel cell power system is located indoors, the shutoff valve shall be located outside of the room in which the system is installed, unless otherwise ~~approved~~required by the fire code official. Also see Section 509, et seq.

SECTION 234. Section 1207.1.2 is hereby amended to read as follows:

1207.1.2 Permits.

Permits shall be obtained ESS as follows:

1. Construction permits shall be obtained for stationary ESS installations with a capacity of more than 3 kWh; and for mobile ESS charging and storage installations with a capacity of more than 3 kWh, covered by Section 1207.10.1. Permits shall be obtained in accordance with Section 105.6.5.
2. Operational permits shall be obtained for stationary ESS installations with a capacity of more than 3 kWh; and for mobile ESS deployment operations with a capacity of more than 3 kWh,

covered by Section 1207.10.3. Permits shall be obtained in accordance with Section 105.5.14.

SECTION 235. Section 1207.1.3 is hereby amended to read as follows:

1207.1.3 Construction documents.

The following information shall be provided with the permit application:

1. Location and layout diagram of the room or area in which the ESS is to be installed.
2. Details on the hourly fire-resistance ratings of assemblies enclosing the ESS.
3. The quantities and types of ESS to be installed.
4. Manufacturer's specifications, ratings and listings of each ESS.
5. Description of energy (battery) management systems and their operation.
6. Location and content of required signage.
7. Details on fire suppression, smoke or fire detection, thermal management, ventilation, exhaust and deflagration venting systems, if provided.
8. Support arrangement associated with the installation, including any required seismic restraint.
9. A commissioning plan complying with Section 1207.2.1.
10. A decommissioning plan complying with Section 1207.2.3.
11. Other information required by the code official in accordance with Section 106.

SECTION 236. Section 1207.1.4 is hereby amended to read as follows:

1207.1.4 Hazard mitigation analysis.

A failure modes and effects analysis (FMEA) or other approved hazard mitigation analysis shall be provided in accordance with Section 104.8.2 under any of the following conditions:

1. Where ESS technologies not specifically identified in Table 1207.1 are provided.
2. More than one ESS technology is provided in a room or enclosed area where there is a potential for adverse interaction between technologies.
3. Where allowed as a basis for increasing maximum allowable quantities. See Section 1207.5.2.
4. When required by the fire code official.

SECTION 237. Section 1207.1.4.1 is hereby amended to read as follows:

1207.1.4.1 Fault condition.

The hazard mitigation analysis shall evaluate the consequences of the following failure modes. Only single failure modes shall be considered.

1. A thermal runaway condition in a single ESS rack, module or unit.
2. Failure of any battery (energy) management system.
3. Failure of any required ventilation or exhaust system.
4. Voltage surges on the primary electric supply.
5. Short circuits on the load side of the ESS.

6. Failure of the smoke detection, fire detection, fire suppression or gas detection system.

7. Required spill neutralization not being provided or failure of a required secondary containment system.

8. Failure of temperature control.

SECTION 238. Section 1207.1.4.2 is hereby amended to read as follows:

1207.1.4.2 Analysis approval.

The fire code official is authorized to approve the hazardous mitigation analysis provided that the consequences of the hazard mitigation analysis demonstrate:

1. Fires will be contained within unoccupied ESS rooms or areas for the minimum duration of the fire-resistance-rated separations identified in Section 1207.7.4.

2. Fires in occupied work centers will be detected in time to allow occupants within the room or area to safely evacuate.

3. Toxic and highly toxic gases released during fires will not reach concentrations in excess of the IDLH level in the building or adjacent means of egress routes during the time deemed necessary to evacuate occupants from any affected area.

4. Flammable gases released from ESS during charging, discharging and normal operation will not exceed ~~25~~10 percent of their lower flammability limit (LFL).

5. Flammable gases released from ESS during fire, overcharging and other abnormal conditions will be controlled through the use of

ventilation of the gases, preventing accumulation, or by deflagration venting.

SECTION 239. Section 1207.1.5 is hereby amended to read as follows:

1207.1.5 Large-scale fire test.

Where required elsewhere in Section 1207, large-scale fire testing shall be conducted on a representative ESS in accordance with UL 9540A. The testing shall be conducted or witnessed and reported by an approved testing laboratory. The test report shall include demonstration ~~and show~~ that a fire involving one ESS will not propagate to an adjacent ESS, and where an ESS is installed within buildings, enclosed areas and walk-in units, that a fire involving one ESS will be contained within the room, enclosed area or walk-in unit for a duration equal to the fire-resistance rating of the room separation specified in Section 1207.7.4. The test report shall be provided to the fire ~~code official~~department for review and approval in accordance with Section 104.8.2. In making the determination regarding approval, the fire department may also require other considerations be provided. Such considerations may include, but are not limited to, those regarding the impact(s) of gases generated during abnormal conditions; the ability of first responders to respond to and mitigate incidents involving the ESS, with a reasonable level of safety; and the provision of adequate safeguards to prevent well-intended but detrimental interaction with ESS.

SECTION 240. Section 1207.1.7 is hereby added to read as follows:

1207.1.7 Forensic analysis.

The fire code official may also require a forensic analysis of the cause of failure by an independent laboratory approved by the fire code official in accordance with

Section 104.11. A written report generated through the forensic analysis will be forwarded to the fire code official for approval and record keeping.

SECTION 241. Section 1207.3.4 is hereby amended to read as follows:

1207.3.4 Energy storage management system.

Where required by the ESS listing, an approved energy storage management system that monitors and balances cell voltages, currents and temperatures within the manufacturer's specifications shall be provided. The system shall disconnect electrical connections to the ESS or otherwise place it in a safe condition if potentially hazardous temperatures or other conditions such as short circuits, over voltage or under voltage are detected. The system shall transmit a trouble signal to an approved location and to an approved annunciator panel if potentially hazardous temperatures or other conditions such as short circuits, over voltage or under voltage are detected.

SECTION 242. Section 1207.3.4.1 is hereby added to read as follows:

1207.3.4.1 Annunciator panel.

The approved annunciator panel shall visibly indicate any hazardous temperature and/or other conditions. The location of the annunciator panel shall be approved by the fire code official.

SECTION 243. Section 1207.3.5 is hereby amended to read as follows:

1207.3.5 Enclosures.

Enclosures of ESS shall be of noncombustible construction. Enclosures are as defined and/or determined by the fire code official.

SECTION 244. Section 1207.4 is hereby amended to read as follows:

1207.4 General installations requirements.

Stationary and mobile ESS shall comply with the requirements of Sections 1207.4.1 through 1207.4.~~12~~13.

SECTION 245. Section 1207.4.1 is hereby amended to read as follows:

1207.4.1 Electrical disconnects and associated signage.

~~Where the ESS disconnecting means is not within sight of the main electrical service disconnecting means, placards or directories shall be installed at the location of the main electrical service disconnecting means indicating the location of stationary storage battery system disconnecting means~~In addition to any disconnects and signage required in accordance with *the California Electrical Code*, disconnects, signage, and access shall be provided in accordance with Section 509, et seq.

Exception: Electrical disconnects for lead-acid and nickel-cadmium battery systems at facilities under the exclusive control of communications utilities and operating at less than 50 VAC and 60 VDC shall be permitted to have electrical disconnects signage in accordance with NFPA 76.

SECTION 246. Section 1207.4.2 is hereby amended to read as follows:

1207.4.2 Working clearances.

Access and working space shall be provided and maintained about all electrical equipment to permit ready and safe operation and maintenance of such equipment in accordance with *the California Electrical Code* ~~and~~, the manufacturer's instructions, and Section 603.

SECTION 247. Section 1207.4.6 is hereby amended to read as follows:

1207.4.6 Combustible storage.

Combustible materials shall not be stored in ESS rooms, cabinets, enclosures, areas or walk-in units. Combustible materials in occupied work centers covered by Section 1207.4.10 shall be stored at least 3 feet (914 mm) from ESS cabinets.

SECTION 248. Section 1207.4.7 is hereby amended to read as follows:

1207.4.7 Toxic and highly toxic gases.

ESS that have the potential to release toxic and highly toxic gas during charging, discharging and normal use conditions shall be provided with a hazardous exhaust system in accordance with *Chapter 5* of the *California Mechanical Code*, and shall comply with Chapter 60 of this code where applicable.

SECTION 249. Section 1207.4.8 is hereby amended to read as follows:

1207.4.8 Signage.

Approved permanent engraved signs shall be provided on or adjacent to all entry doors for ESS rooms or areas and on enclosures of ESS cabinets and walk-in units located outdoors, on rooftops or in open parking garages. Signs designed to meet both the requirements of this section and *the California Electrical Code* shall be permitted. Signage means, attachment, number and location shall also be subject to approval by the fire code official, and shall be retroactive where required by the fire code official. The signage shall include the following or equivalent:

1. "ENERGY STORAGE SYSTEM," "BATTERY STORAGE SYSTEM," "CAPACITOR ENERGY STORAGE SYSTEM" or the appropriate equivalent.

2. The identification of the electrochemical, or other, ESS technology present~~.~~, e.g., "Lead-Acid Batteries", "Nickel-Cadmium Batteries", "[specific type of lithium battery technology] Batteries", "[specific type of sodium battery technology] Batteries", "[specific type of flow battery technology] Batteries", flywheel ESS, etc.

3. "ENERGIZED ELECTRICAL CIRCUITS."

4. Where water-reactive electrochemical ESS are present, the signage shall include "APPLY NO WATER."

5. Current contact information, including phone number, for personnel authorized to service the equipment and for fire mitigation personnel required by Section 1207.1.6.1.

~~**Exception:** Existing electrochemical ESS shall be permitted to include the signage required at the time they were installed.~~

SECTION 250. Section 1207.4.13 is hereby added to read as follows:

1207.4.13 Emergency energy release.

A plan and means must be provided to safely release stored energy from the batteries in an emergency situation, including where an ESS has been damaged by a fire or other event.

SECTION 251. Section 1207.5.2 is hereby amended to read as follows:

1207.5.2 Maximum allowable quantities.

Fire areas within rooms, areas and walk-in units containing electrochemical ESS shall not exceed the maximum allowable quantities in Table 1207.5.

Exceptions:

1. Where approved by the fire code official, rooms, areas and walk-in units containing electrochemical ESS that exceed the amounts in Table 1207.5 shall be permitted based on a hazardous mitigation analysis in accordance with Section 1207.1.4 and large-scale fire testing complying with Section 1207.1.5.
2. Lead-acid and nickel-cadmium battery systems installed in facilities under the exclusive control of communications utilities, and operating at less than 50 VAC and 60 VDC in accordance with NFPA 76.
3. ~~Dedicated-use buildings in compliance with Section 1207.7.1.~~

SECTION 252. Section 1207.5.4 is hereby amended to read as follows:

1207.5.4 Fire detection.

An approved automatic smoke detection system or radiant energy-sensing fire detection system complying with Section 907.2 shall be installed in rooms, indoor areas and walk-in units containing electrochemical ESS. An approved radiant energy-sensing fire detection system shall be installed to protect open parking garage and rooftop installations. Alarm and supervisory signals from detection systems shall be transmitted to a central station, proprietary or remote station service in accordance with NFPA 72, ~~or where approved to a constantly attended location~~and to an approved annunciator panel.

SECTION 253. Section 1207.5.7 is hereby amended to read as follows:

1207.5.7 Vegetation control.

Areas within 10 feet (3048 mm) on each side of new and existing outdoor ESS shall be cleared of combustible vegetation and other combustible growth. Single specimens of trees, shrubbery or cultivated ground cover such as green grass, ivy, succulents or similar plants used as ground cover shall be permitted to be exempt provided that they do not form a means of readily transmitting fire.

SECTION 254. Section 1207.5.8 is hereby amended to read as follows:

1207.5.8 Means of egress separation.

ESS located outdoors, on rooftops, and in open parking garages shall be separated from any means of egress as required by the fire code official to ensure safe egress under fire conditions, but in no case less than 10 feet (3048 mm).

Exception: The fire code official is authorized to approve a reduced separation distance if large-scale fire testing complying with Section 1207.1.5 is provided that shows that a fire involving the ESS will not adversely impact occupant egress.

SECTION 255. Table 1207.6 is hereby amended to read as follows:

TABLE 1207.6

ELECTROCHEMICAL ESS TECHNOLOGY-SPECIFIC REQUIREMENTS

COMPLIANCE REQUIRED [b]		BATTERY TECHNOLOGY				OTHER ESS AND BATTERY TECHNOLOGIES [b]	CAPACITOR ESS[b]
Feature	Section	Lead-acid	Ni-Cd and Ni-MH	Lithium-ion	Flow		
Exhaust ventilation	1207.6.1	Yes	Yes	~~No~~Yes	Yes	Yes	Yes
Explosion control	1207.6.3	Yes [a]	Yes [a]	Yes	No[f]	Yes	Yes
Safety caps	1207.6.4	Yes	Yes	No	No[f]	Yes	Yes
Spill control and neutralization	1207.6.2	Yes [c]	Yes [c]	No[f]	Yes	Yes	Yes
Thermal runaway	1207.6.5	Yes[d]	Yes	Yes[e]	No[f]	Yes[e]	Yes

a. Not required for lead-acid and nickel-cadmium batteries at facilities under the exclusive control of communications utilities that comply with NFPA 76 and operate at less than 50 VAC and 60 VDC.

b. Protection shall be provided unless documentation acceptable to the fire code official is provided in accordance with Section 104.8.2 that provides justification why the protection is not necessary based on the technology used.

c. Applicable to vented-type (i.e., flooded) nickel-cadmium and lead-acid batteries.

d. Not required for vented-type (i.e., flooded) lead-acid batteries.

e. The thermal runaway protection is permitted to be part of a battery management system that has been evaluated with the battery as part of the evaluation to UL 1973.

f. May be required by the fire code official where determined necessary based upon hazards inherent to the chemistry and/or technology involved.

SECTION 256. Section 1207.6.1.1 is hereby amended to read as follows:

1207.6.1.1 Ventilation based on LFL.

The exhaust ventilation system shall be designed to limit the maximum concentration of flammable gas to ~~25~~10 percent of the lower flammable limit (LFL) of the total volume of the room, area or walk-in unit during the worst-case event of simultaneous charging of batteries at the maximum charge rate, in accordance with nationally recognized standards.

SECTION 257. Section 1207.6.1.2 is hereby amended to read as follows:

1207.6.1.2 Ventilation based on exhaust rate.

Mechanical exhaust ventilation shall be provided at a rate of not less than 1 $ft^3/min/ft^2$ (5.1 $L/sec/m^2$) of floor area of the room, area or walk-in unit. The ventilation shall be either continuous or shall be activated by a gas detection system in accordance with Section 1207.6.1.~~2.4~~6.

SECTION 258. Section 1207.6.1.2.1 is hereby amended to read as follows:

1207.6.1.~~2.1~~3 Standby power.

Mechanical exhaust ventilation shall be provided with a minimum of ~~2~~6 hours of standby power in accordance with Section 1203.2.5, and shall be provided by a source other than the ESS served by the ventilation.

SECTION 259. Section 1207.6.1.2.2 is hereby amended to read as follows:

1207.6.1.~~2.2~~4 Installation instructions and controls.

Required mechanical exhaust ventilation systems shall be installed in accordance with the manufacturer's installation instructions and the *California Mechanical Code*. Clearly identified separate switches shall be provided both to activate the mechanical exhaust ventilation system, and to shut off the ventilation system.

SECTION 260. Section 1207.6.1.2.3 is hereby amended to read as follows:

1207.6.1.~~2.3~~5 Supervision.

Required mechanical exhaust ventilation systems shall be supervised by an approved central station, proprietary or remote station service in accordance with NFPA 72, ~~or~~and shall initiate an audible and visible signal at an approved constantly attended on-site location.

SECTION 261. Section 1207.6.1.2.4 is hereby amended to read as follows:

1207.6.1.~~2.4~~6 Gas detection system.

Where required by Section 1207.6.1.2, and where necessary for compliance with other requirements of Section 1207, rooms, areas and walk-in units containing ESS shall be protected by an approved continuous gas detection system that complies with Section 916 and with the following:

1. The gas detection system shall be designed to activate the mechanical ventilation system when the level of flammable gas in the room, area or walk-in unit exceeds ~~25~~10 percent of the LFL,

and/or, where determined necessary by the fire code official, when the level of toxic or highly toxic gas exceeds one-half of the IDLH.

2. The mechanical ventilation system shall remain on until the flammable gas detected is less than ~~25~~10 percent of the LFL, and/or, where determined necessary by the fire code official, when the level of toxic or highly toxic gas detected is less than one-half of the IDLH.

3. The gas detection system shall be provided with a minimum of ~~2~~6 hours of standby power in accordance with Section 1203.2.5.

4. Failure of the gas detection system shall annunciate a trouble signal at an approved central station, proprietary or remote station service in accordance with NFPA 72, ~~or~~and shall initiate an audible and visible trouble signal at an approved constantly attended on-site location.

5. Activation of the gas detection system shall result in all the following:

   5.1. Initiation of distinct audible and visible alarms in the battery storage room.

   5.2. Transmission of an alarm to an approved location.

   5.3. De-energizing of the battery charger.

SECTION 262. Section 1207.6.3 is hereby amended to read as follows:

1207.6.3 Explosion control.

Where required by Table 1207.6 or elsewhere in this code, explosion control complying with Section 911 shall be provided for rooms, areas or walk-in units containing electrochemical ESS technologies.

Exceptions:

1. Where approved, explosion control is permitted to be waived by the fire code official based on large-scale fire testing complying with Section 1207.1.5 that demonstrates that flammable gases are not liberated from electrochemical ESS cells or modules where tested in accordance with UL 9540A.
2. Where approved, explosion control is permitted to be waived by the fire code official based on documentation provided in accordance with Section ~~104.7~~104.8 that demonstrates that the electrochemical ESS technology to be used does not have the potential to release flammable gas concentrations in excess of 25 percent of the LFL anywhere in the room, area, walk-in unit or structure under thermal runaway or other fault conditions.

SECTION 263. Table 1207.7 is hereby amended to read as follows:

TABLE 1207.7

INDOOR ESS INSTALLATIONS

~~COMPLIANCE REQUIRED~~		~~DEDICATED-USE BUILDINGS[a]~~	~~NONDEDICATED-USE BUILDINGS[b]~~
~~Feature~~	~~Section~~		
~~Dwelling units and sleeping units~~	~~1207.7.3~~	~~NA~~	~~Yes~~
~~Elevation~~	~~1207.5.3~~	~~Yes~~	~~Yes~~
~~Fire suppression systems~~	~~1207.5.5~~	~~Yes[c]~~	~~Yes~~
~~Fire-resistance-rated separations~~	~~1207.7.4~~	~~Yes~~	~~Yes~~
~~General installation requirements~~	~~1207.4~~	~~Yes~~	~~Yes~~
~~Maximum allowable quantities~~	~~1207.5.2~~	~~No~~	~~Yes~~
~~Size and separation~~	~~1207.5.1~~	~~No~~	~~Yes~~
~~Smoke and automatic fire detection[e]~~	~~1207.5.4~~	~~Yes[d]~~	~~Yes~~
~~Technology-specific protection~~	~~1207.6~~	~~Yes~~	~~Yes~~

FEATURE	SECTION	COMPLIANCE REQUIRED
Prohibited ESS installation locations	1207.7.3	Yes
Elevation	1207.5.3	Yes
Fire suppression systems	1207.5.5	Yes
Fire-resistance-rated separations	1207.7.4	Yes
General installation requirements	1207.4	Yes
Maximum allowable quantities	1207.5.2	Yes
Size and separation	1207.5.1	Yes
Smoke and automatic fire detection[e]	1207.5.4	Yes
Technology-specific protection	1207.6	Yes

~~NA = Not Allowed.~~

a. ~~See Section 1207.7.1.~~Reserved.

b. ~~See Section 1207.7.2.~~Reserved.

c. ~~Where approved by the fire code official, fire suppression systems are permitted to be omitted in dedicated-use buildings located more than 100 feet (30.5 m) from buildings, lot lines, public ways, stored combustible materials, hazardous materials, high-piled stock and other exposure hazards.~~Reserved.

d. ~~Where approved by the fire code official, alarm signals are not required to be transmitted to a central station, proprietary or remote station service in accordance with NFPA 72, or a constantly attended location where local fire alarm annunciation is provided and trained personnel are always present.~~Reserved.

e. Lead-acid and nickel-cadmium battery systems installed in Group U buildings and structures less than 1,500 square feet (139 m2) under the exclusive control of communications utilities, and operating at less than 50 VAC and 60 VDC in accordance with NFPA 76, are not required to have an approved automatic smoke or fire detection system.

SECTION 264. Section 1207.7.1 is hereby amended to read as follows:

1207.7.1 ~~Dedicated-use buildings~~Reserved.

~~For the purpose of Table 1207.7, dedicated-use ESS buildings shall be classified as Group F-1 occupancies and comply with all the following:~~

~~1. The building shall only be used for ESS, electrical energy generation and other electrical grid-related operations.~~

~~2. Occupants in the rooms and areas containing ESS are limited to personnel that operate, maintain, service, test and repair the ESS and other energy systems.~~

~~3. No other occupancy types shall be permitted in the building.~~

~~4. Administrative and support personnel shall be permitted in areas within the buildings that do not contain ESS, provided that:~~

~~4.1. The areas do not occupy more than 10 percent of the building area of the story in which they are located.~~

~~4.2. A means of egress is provided from the incidental use areas to the public way that does not require occupants to traverse through areas containing ESS or other energy system equipment.~~

SECTION 265. Section 1207.7.2 is hereby amended to read as follows:

1207.7.2 ~~Nondedicated-use buildings~~Reserved.

~~For the purpose of Table 1207.7, nondedicated-use buildings include all buildings that contain ESS and do not comply with Section 1207.7.1 dedicated-use building requirements.~~

SECTION 266. Section 1207.7.3 is hereby amended to read as follows:

1207.7.3 ~~Dwelling units and sleeping units~~Prohibited ESS installation locations.

ESS shall not be installed in ~~sleeping units or in habitable spaces of dwelling units~~any of the following locations~~.~~:

1. Sleeping units.

2. Dwelling units.

3. Electrical rooms.

Exception: In nondedicated electrical rooms or areas, where determined by the fire code official.

4. Rooms and areas housing the fire alarm control panel, fire pump, emergency responder communications coverage control equipment, and other fire protection and life safety system equipment as determined by the fire code official.

SECTION 267. Section 1207.7.4 is hereby amended to read as follows:

1207.7.4 Fire-resistance-rated separations.

Rooms and areas containing ESS shall ~~include fire-resistance-rated separations as follows:~~

~~1. In dedicated-use buildings, rooms and areas containing ESS shall be separated from areas in which administrative and support personnel are located.~~

~~2. In nondedicated-use buildings, rooms and areas containing ESS shall~~ be separated from other areas in the building by fire-resistance-rated separations.

Separation shall be provided by 2-hour fire barriers constructed in accordance with Section 707 of the *California Building Code* and 2-hour horizontal assemblies constructed in accordance with Section 711 of the *California Building Code*, as appropriate.

SECTION 268. Section 1207.8.3 is hereby amended to read as follows:

1207.8.3 Clearance to exposures.

ESS located outdoors shall be ~~separated by~~installed and maintained a minimum of 10 feet (3048 mm) from the following exposures:

1. Lot lines.
2. Public ways.
3. Buildings.
4. Stored combustible materials.
5. Hazardous materials.
6. High-piled stock.
7. Other exposure hazards.
8. Vegetation, per Table 1207.8 and Section 1207.5.7.

Exceptions:

1. Where approved by the fire code official, ~~C~~clearances are permitted to be reduced to 3 feet (914 mm) where a 1-hour free-standing fire barrier suitable for exterior use and extending 5 feet (1524 mm) above and 5 feet (1524 mm) beyond the physical boundary of the ESS installation is provided to protect the exposure.
2. Where approved by the fire code official, ~~C~~clearances to buildings are permitted to be reduced to 3 feet (914 mm) where noncombustible exterior walls with no openings or combustible overhangs are provided on the wall adjacent to the ESS and the fire-resistance rating of the exterior wall is a minimum of 2 hours.

3. Where approved by the fire code official, ~~C~~clearances to buildings are permitted to be reduced to 3 feet (914 mm) where a weatherproof enclosure constructed of noncombustible materials is provided over the ESS, and it has been demonstrated that a fire within the enclosure will not ignite combustible materials outside the enclosure based on large-scale fire testing complying with Section 1207.1.5.

SECTION 269. Section 1207.8.4 is hereby amended to read as follows:

1207.8.4 Exterior wall installations.

ESS shall be permitted to be installed outdoors on exterior walls of buildings when all of the following conditions are met:

1. The maximum energy capacity of individual ESS units shall not exceed 20 kWh.
2. The ESS shall comply with applicable requirements in Section 1207.
3. The ESS shall be installed in accordance with the manufacturer's instructions and their listing.
4. Individual ESS units shall be separated from each other by at least 3 feet (914 mm).
5. The ESS shall be ~~separated from doors, windows, operable openings into buildings or HVAC inlets by at least~~installed and maintained a minimum of 5 feet (1524 mm) from all doors, windows

operable openings, HVAC inlets, and other penetrations directly or indirectly into habitable or occupiable spaces, or bathrooms.

6. The ESS shall be installed and maintained a minimum of 10 feet (3048 mm) from all of the following:

6.1. Lot lines.

6.2. Public ways.

6.3. Other buildings.

6.4. Stored combustible materials.

6.5. Hazardous materials.

6.6. High-piled stock.

6.7. Other exposure hazards.

6.7. Vegetation, as specified in Section 1207.5.7.

Exception: Where approved, smaller separation distances in Items 4 and 5 shall be permitted ~~based on large-scale fire testing complying with Section 1207.1.5.~~where such distances are documented and approved to be adequate for the ESS model(s) in question based on large-scale fire testing, in accordance with Section 1207.1.5.

SECTION 270. Section 1207.9.4 is hereby amended to read as follows:

1207.9.4 Fire suppression systems.

ESS located in walk-in units on rooftops or in walk-in units in open parking garages shall be provided with automatic fire suppression systems within the ESS enclosure in accordance with Section 1207.5.5. Areas containing ESS other than walk-

in units in open parking structures on levels not open above to the sky shall be provided with an automatic fire suppression system complying with Section 1207.5.5.

Exception: A fire suppression system is not required in open parking garages if large-scale fire testing complying with Section 1207.1.5 is ~~provided~~approved and includes evidence that shows that a fire will not impact the exposures in Section 1207.9.3.

SECTION 271. Section 1207.9.5 is hereby amended to read as follows:

1207.9.5 Rooftop installations.

ESS and associated equipment that are located on rooftops and not enclosed by building construction shall comply with the following:

1. Stairway access to the roof for emergency response and fire department personnel shall be provided either through a bulkhead from the interior of the building or a stairway on the exterior of the building.
2. Service walkways at least 5 feet (1524 mm) in width shall be provided for service and emergency personnel from the point of access to the roof to the system.
3. ESS and associated equipment shall be located from the edge of the roof a distance equal to at least the height of the system, equipment or component but not less than ~~5~~10 feet (~~152~~3048 mm).
4. The roofing ~~materials under and within 5 feet (1524 mm) horizontally from an ESS or associated equipment~~ shall be

noncombustible or shall have a Class A rating when tested in accordance with ASTM E108 or UL 790, and shall in all cases require the approval of the fire code official based upon large-scale fire testing approved in accordance with Section 1207.1.5.

5. A Class I standpipe outlet shall be installed at an approved location on the roof level of the building or in the stairway bulkhead at the top level.

6. The ESS shall be the minimum of ~~10 feet (3048 mm)~~25 feet (7620 mm) from all stairwells, egress pathways, and the fire service access point(s) on the rooftop. ESS shall not be installed within 25 feet (7620 mm) of any rooftop access bulkhead/hatch from the interior of the building.

SECTION 272. Table 1207.10 is hereby amended to read as follows:

TABLE 1207.10

MOBILE ENERGY STORAGE SYSTEMS (ESS)

COMPLIANCE REQUIRED		DEPLOYMENT [a]
Feature	**Section**	
All ESS installations	1207.4	Yes[b]
Fire suppression systems	1207.5.5	Yes[c]
Maximum allowable quantities	1207.5.2	Yes
Maximum enclosure size	1207.5.6	Yes
Means of egress separation	1207.5.8	Yes
Size and separation	1207.5.1	Yes[d]
Smoke and automatic fire detection	1207.5.4	Yes[e]
Technology-specific protection	1207.6	Yes
Vegetation control	1207.5.7	Yes

a. See Section 1207.10.2.

b. Mobile operations on wheeled vehicles and trailers shall not be required to comply with Section 1207.4.4 seismic and structural load requirements.

c. Fire suppression system connections to the water supply shall be permitted to use approved temporary connections.

d. In walk-in units, ~~spacing is not required between~~ ESS units ~~and~~are permitted to be installed on the walls of the enclosure, but separation is required between individual groups of ESS units described in Section 1207.5.1.

e. Where authorized by the fire code official, ~~A~~alarm signals are not ~~required to~~ be transmitted to an approved location ~~for~~when the mobile ESS ~~deployed 30 days or less~~ is in transit to a deployment location. Alarm signal transmission shall be required upon the mobile ESS going operational.

SECTION 273. Section 1207.10.6 is hereby amended to read as follows:

1207.10.6 Charging and storage.

Installations where mobile ESS are charged and stored shall be treated as permanent ESS indoor or outdoor installations, and shall comply with the following sections, as applicable:

1. Indoor charging and storage shall comply with Section 1207.7.
2. Outdoor charging and storage shall comply with Section 1207.8.
3. If permitted by the fire code official to occur, ~~C~~charging and storage on rooftops ~~and in open parking garages~~ shall comply with Section 1207.9.

Exceptions:

1. Electrical connections shall be permitted to be made using temporary wiring complying with the manufacturer's instructions, the UL 9540 listing and *the California Electrical Code*.
2. Fire suppression system connections to the water supply shall be permitted to use approved temporary connections.

SECTION 274. Section 1207.10.7.2 is hereby amended to read as follows:

1207.10.7.2 Restricted locations.

Deployed mobile ESS operations shall not be located indoors, in ~~covered~~ parking garages, on rooftops, below grade or under building overhangs.

SECTION 275. Section 1207.10.7.3 is hereby amended to read as follows:

1207.10.7.3 Clearance to exposures.

Deployed mobile ESS shall be separated by a minimum of 10 feet (3048 mm) from the following exposures:

1. Public ways.
2. Buildings.
3. Stored combustible materials.
4. Hazardous materials.
5. High-piled storage.
6. Other exposure hazards.

7. Lot lines, unless approved by the fire code official based upon notarized permission obtained by the applicant from the owner(s) and/or occupant(s) of the affected parcel(s).

Deployed mobile ESS shall be separated by a minimum of 50 feet (15 240 mm) from public seating areas and from tents, canopies and membrane structures with an occupant load of 30 or more.

SECTION 276. Section 1207.10.7.6 is hereby amended to read as follows:

1207.10.7.6 Fencing and impact protection.

An approved fence with a locked gate or other approved barrier shall be provided to keep the general public at least 5 feet (1524 mm) from the outer enclosure of a deployed mobile ESS.

The fire code official shall be authorized to require approved means of impact protection where deemed necessary.

SECTION 277. Section 1207.11 is hereby amended to read as follows:

1207.11 ESS in Group R-3 and R-4 occupancies.

ESS in Group R-3 and R-4 occupancies shall be installed and maintained in accordance with Sections 1207.11.1 through 1207.11.9. The temporary use of an owner or occupant's electric-powered vehicle as an ESS shall be in accordance with Section 1207.11.10.

Permits shall be required in accordance with Section 1207.1.2.

SECTION 278. Section 1207.11.1 is hereby amended to read as follows:

1207.11.1 Equipment listings.

ESS shall be listed and labeled in accordance with UL 9540. ESS listed and labeled solely for utility or commercial use shall not be used for residential applications.

~~**Exception:** Where approved, repurposed unlisted battery systems from electric vehicles are allowed to be installed outdoors or in detached dedicated cabinets located not less than 5 feet (1524 mm) from exterior walls, property lines and public ways.~~

SECTION 279. Section 1207.11.2.1 is hereby amended to read as follows:

1207.11.2.1 Spacing.

Individual units shall be separated from each other by at least 3 feet (914 mm) of spacing unless smaller separation distances are documented and approved to be adequate for the ESS model(s) in question based on large-scale fire testing ~~complying~~, in accordance with Section 1207.1.5.

SECTION 280. Section 1207.11.3 is hereby amended to read as follows:

1207.11.3 Location.

ESS shall be installed only in the following locations:

1. ~~D~~Inside detached garages ~~and detached accessory structures~~.
2. ~~A~~Inside attached garages when separated from the dwelling unit living space and sleeping units in accordance with Section *R302.6*.
3. Outdoors *or* on the ~~exterior~~outer side of the exterior building walls ~~located *not less than* 3 feet (914 mm) from doors and windows~~

~~*directly entering the dwelling unit*~~in accordance with Section 1207.11.3.1.

~~4. *Enclosed utility closets, basements, storage or utility spaces within dwelling units with finished or noncombustible walls and ceilings. Walls and ceilings of unfinished wood-framed construction shall be provided with not less than 5/8-inch (15.9 mm) Type X gypsum wallboard.*~~

*ESS shall not be installed ~~in sleeping rooms, closets, s~~*inside any of the following locations:

1. Dwelling units, including accessory dwelling units (ADU's).
2. Sleeping units.
3. S*paces opening directly into sleeping rooms or ~~in habitable spaces of dwelling~~ units.*
4. Closets.
5. Bathrooms.
6. Basements.
7. Accessory structures that are not garages.
8. Vaults.

SECTION 281. Section 1207.11.3.1 is hereby added to read as follows:

1207.11.3.1 Outdoors or on outer side of exterior building walls.

ESS shall be permitted to be installed outdoors, or on the outer side of exterior building walls, when all of the following conditions are met, in addition to those otherwise required by Section 1207.11:

1. The ESS shall be installed and maintained a minimum of 5 feet (1524 mm) from all of the following:

    1.1. Lot lines.

    1.2. Public ways.

    1.3. Other buildings.

    1.4. Stored combustible materials.

    1.5. Hazardous materials.

2. The ESS shall be installed and maintained a minimum of 10 feet (3048 mm) from vegetation, as specified in Section 1207.5.7.

3. The ESS shall be installed and maintained a minimum of 3 feet (914 mm) from all doors, windows, operable openings, HVAC inlets and other penetrations directly or indirectly into habitable or occupiable spaces, or bathrooms.

Exception: The fire code official shall have the authority to authorize smaller separation distances where such distances are documented and approved to be adequate for the ESS model(s) in question based on large-scale fire testing, in accordance with Section 1207.1.5.

SECTION 282. Section 1207.11.4 is hereby amended to read as follows:

1207.11.4 Energy ratings.

Individual ESS units shall have a maximum rating of 20 kWh. The aggregate rating per Group R-3/R-4 occupancy ~~structure~~ shall not exceed:

~~1. 40 kWh within utility closets and storage or utility spaces.~~

~~2~~1. 80 kWh in attached or detached garages ~~and detached accessory structures~~.

~~3~~2. 80 kWh on outer side of exterior building walls.

~~4~~3. 80 kWh outdoors on the ground.

Energy capacity is the total energy capable of being stored (nameplate rating), not the usable energy rating.

ESS installations exceeding the permitted individual or aggregate ratings shall be installed in accordance with Sections 1207.1 through 1207.9 of the California Fire Code.

SECTION 283. Section 1207.11.5.1 is hereby added to read as follows:

1207.11.5.1 Electrical disconnects, signage, and working clearances.

In addition to any disconnects and signage required in accordance with *the California Electrical Code*, disconnects, signage, and access shall be provided in accordance with Section 509, et seq.

Access and working space shall be provided and maintained about all electrical equipment to permit ready and safe operation and maintenance of such equipment in accordance with *the California Electrical Code*, the manufacturer's instructions, and Section 603.

SECTION 284. Section 1207.11.6 is hereby amended to read as follows:

1207.11.6 Fire detection.

ESS installed ~~in Group R-3 and R-4 occupancies shall comply with the following:~~

~~*1.* Rooms and areas~~ within ~~dwellings units, sleeping units, *basements* and~~ attached garages ~~in which ESS are installed~~ shall be protected by ~~smoke alarms in accordance with Section *907.2.11*~~one of the following:

1. An approved heat alarm.

2. An approved heat detector that is a component of a fire alarm system in the residence that will activate a notification device that will alert the residents of an emergency.

~~*2*~~3. ~~*A listed heat alarm*~~A fire sprinkler, properly spaced and integrated to a residential fire sprinkler system outfitted with a flow detector that activates a notification device that will alert the residents of an emergency.

~~interconnected to the smoke alarms~~Notification in all three options shall be ~~installed~~provided in locations within dwelling units, sleeping units and attached garages ~~where smoke alarms cannot be installed based on their listing~~.

SECTION 285. Section 1207.11.7 is hereby amended to read as follows:

1207.11.7 Protection from impact.

ESS installed in a location subject to vehicle damage *in accordance with Section*s *1207.11.7.1* ~~*or*~~through *1207.11.7.*~~*2*~~3 *shall be provided with impact protection in accordance with Section 1207.11.7.*~~*3*~~4. For the purposes of vehicle impact protection, an energy storage management system that controls an ESS, if located remotely from the ESS unit(s) it controls, shall be treated as an ESS unit.

Exception: Impact protection is not required for an ESS unit where no portion of the ESS unit is less than 36 inches (914 mm) above the finished floor, unless determined necessary per Section 1207.11.7.3.

SECTION 286. Section 1207.11.7.1 is hereby amended to read as follows:

1207.11.7.1 Garages* interior–installed ESS*.

~~Where an ESS is installed in the normal driving path of vehicle travel within a garage, impact protection complying with Section 1207.11.7.3 shall be provided. The normal driving path is a space between the garage vehicle opening and the interior face of the back wall to a height of 48 inches (1219 mm) above the finished floor. The width of the normal driving path shall be equal to the width of the garage door opening. Impact protection shall also be provided for ESS installed at either of the following locations (See Figure 1207.11.7.1):~~

~~1. On the interior face of the back wall and located within 36 inches (914 mm) to the left or to the right of the normal driving path.~~

~~2. On the interior face of a side wall and located within 24 inches (609 mm) (from the back wall and within 36 inches (914 mm) of the normal driving path.~~

***~~Exception:~~** ~~Where the clear height of the vehicle garage opening is 7 feet 6 inches (2286 mm) or less, ESS installed not less than 36 inches (914 mm) above finished floor are not subject to vehicle impact protection requirements.~~*

For ESS unit(s) installed inside a garage or similar structure, impact protection shall be provided in accordance with Figures 1207.11.1(1) through 1207.11.7.1(3), and as described herein.

"L" represents the length of the garage-entrance return wall and is measured from the inside corner where the return wall meets the adjacent "side" wall that runs roughly parallel to the driving path.

Where any portion of the ESS unit is installed outside of the triangles created in accordance with Figure 1207.11.7.1(1), impact protection shall be provided.

Exceptions: Where the ESS unit is located within one of the aforementioned triangles, but any of the following are true, impact protection requirements shall be evaluated on a case-by-case basis:

1. L > 6 feet (1829 mm). See Figure 1207.11.7.1(2).
2. The driving path within the garage is deeper than 25 feet (7620 mm). See Figure 1207.11.7.1(3).

SECTION 287. Figure 1207.11.7.1 is hereby deleted in entirety as follows:

~~FIGURE 1207.11.7.1~~

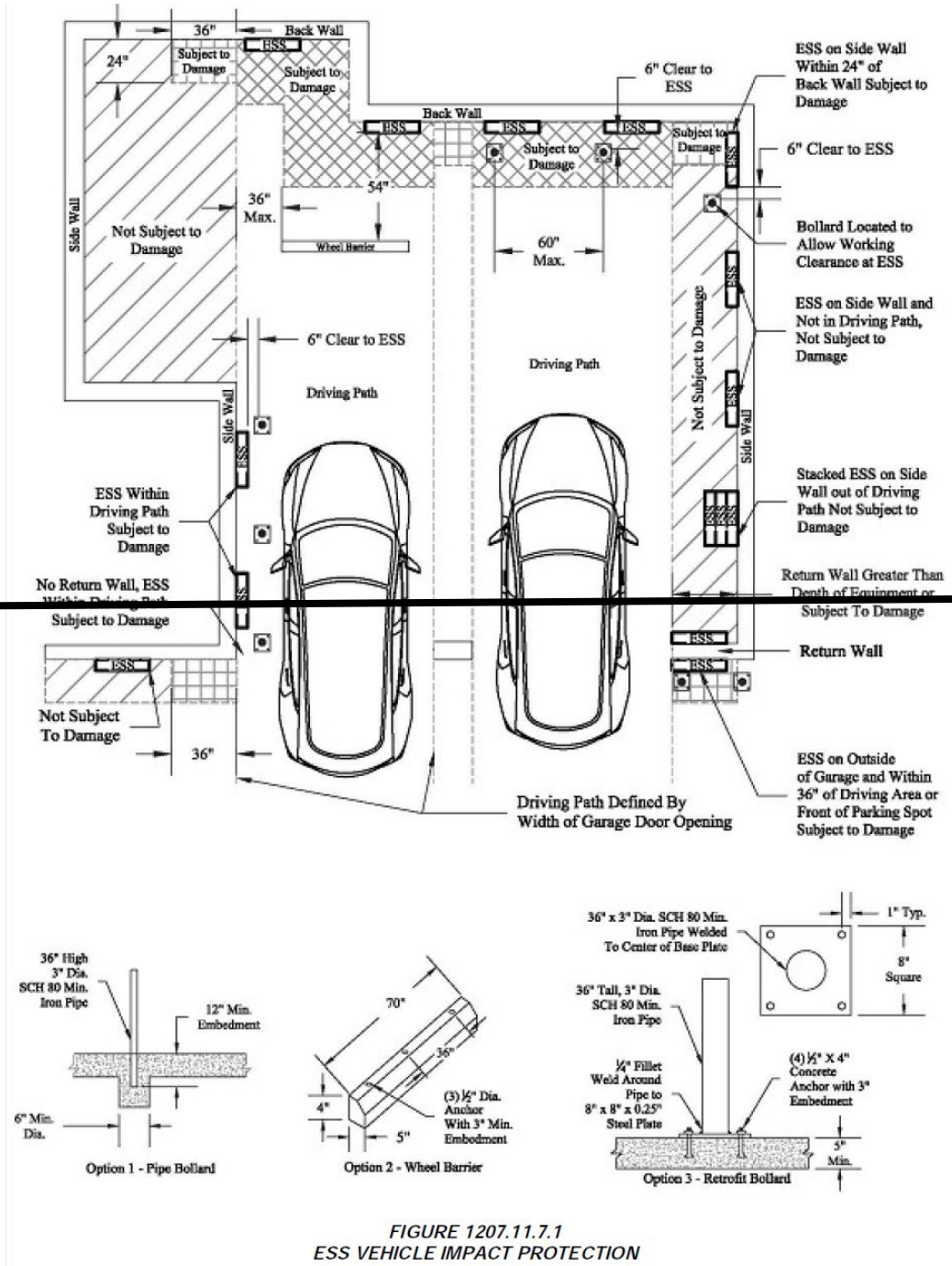


FIGURE 1207.11.7.1
ESS VEHICLE IMPACT PROTECTION

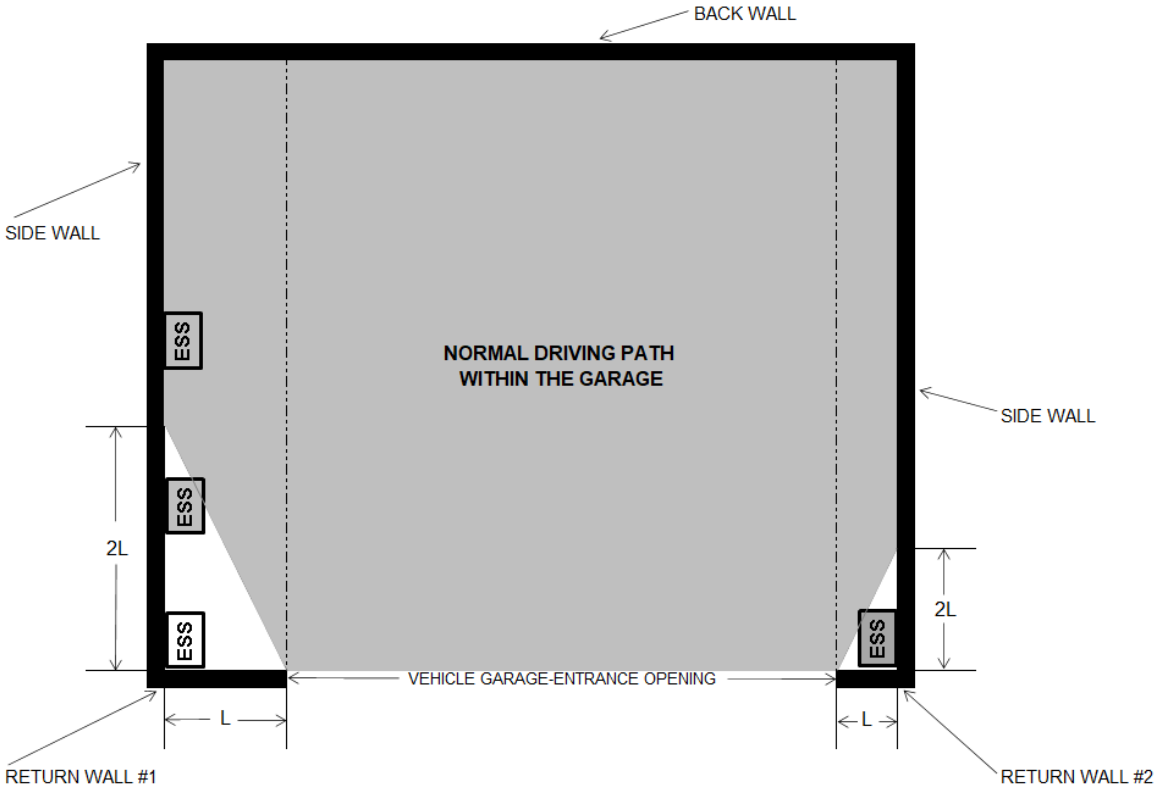
SECTION 288. Figure 1207.11.7.1(1) is hereby added to appear as follows:

FIGURE 1207.11.7.1(1)

GARAGE INTERIOR–INSTALLED ESS[a]

ASSUMPTIONS/CONDITIONS:

- **L ≤ 6 FEET**
  (If L > 6 feet, also see FIGURE 1207.11.7.1(2).)
- **DEPTH OF DRIVING PATH WITHIN THE GARAGE ≤ 25 FEET**
  (If Driving Path > 25 feet, also see FIGURE 1207.11.7.1(3).)



L = Interior length of the vehicle garage-entrance return wall.

ESS = ESS unit(s) subject to impact protection requirements.

ESS = ESS unit(s) *NOT* subject to impact protection requirements.

= Area subject to impact protection requirements.

For SI: 1 inch = 25.4 mm, 1 foot = 304.8 mm.

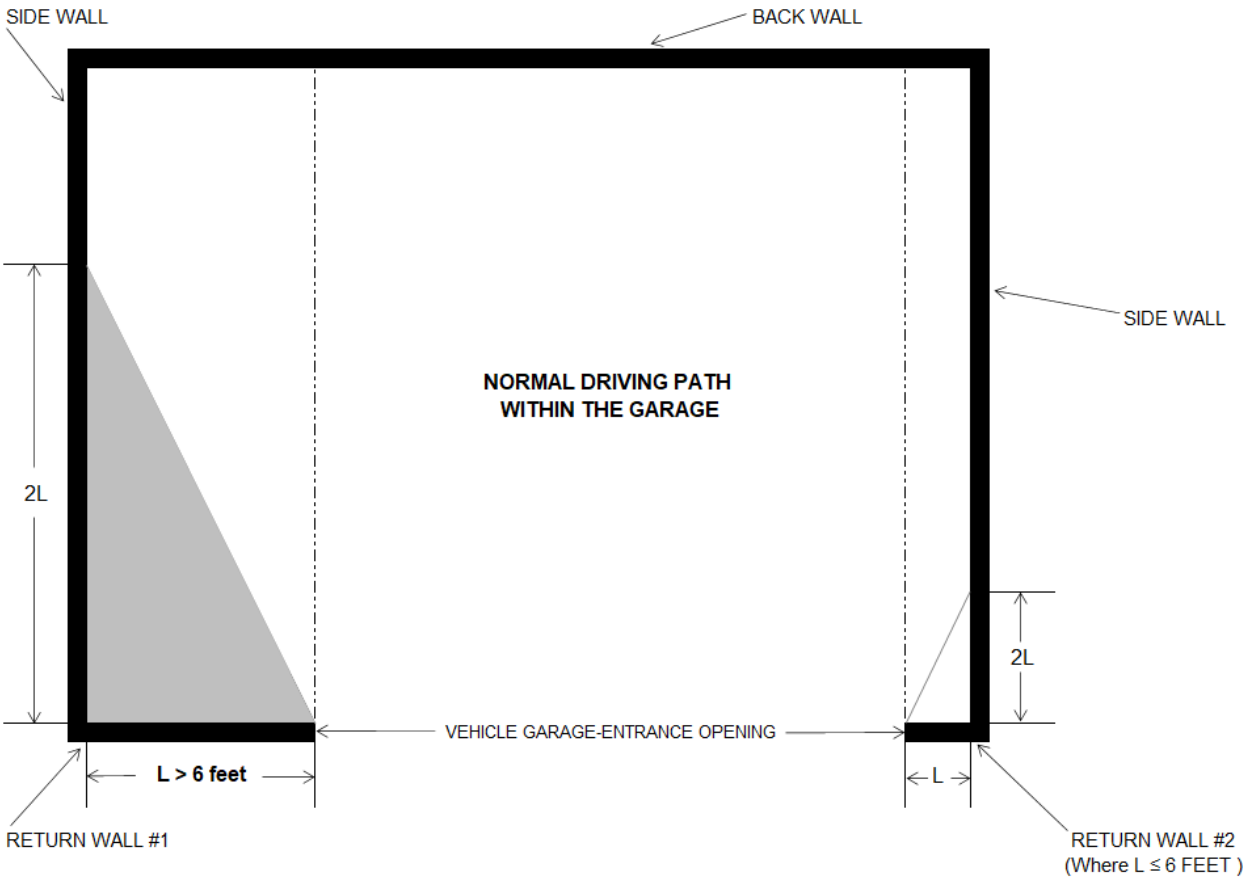
a. Impact protection is not required for an ESS unit (or for a remote Energy Storage Management System) that is entirely located 36 inches or greater above the finished driving surface.

Exception: Where determined necessary by the fire code official due to special circumstances.

SECTION 289. Figure 1207.11.7.1(2) is hereby added to appear as follows:

FIGURE 1207.11.7.1(2)

LONG GARAGE RETURN WALL[a,b]



L = Interior length of the vehicle garage-entrance return wall.

= Area subject to case-by-case evaluation.

For SI: 1 inch = 25.4 mm, 1 foot = 304.8 mm.

a. Impact protection is not required for an ESS unit (or for a remote Energy Storage Management System) that is entirely located 36 inches or greater above the finished driving surface.

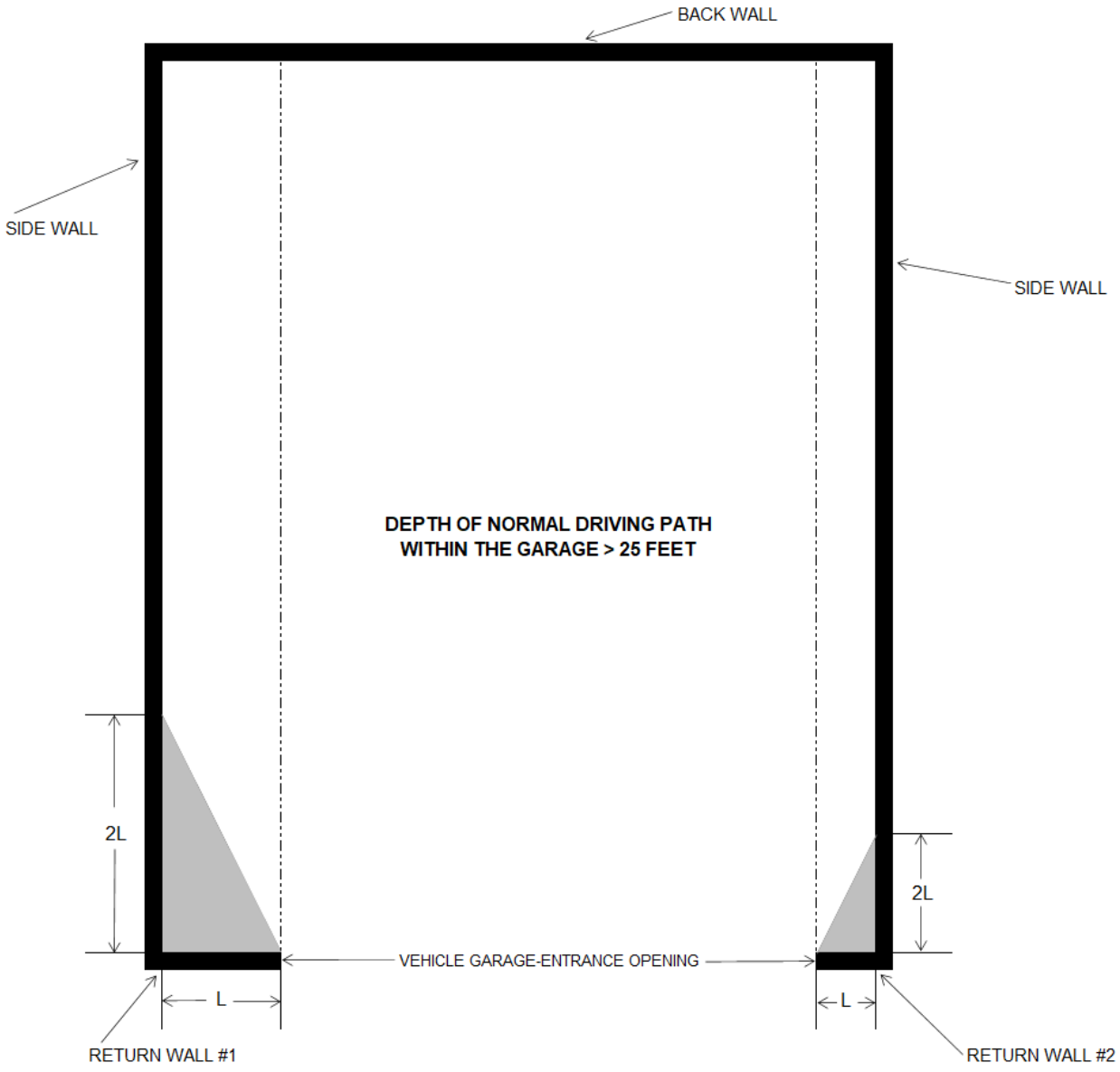
Exception: Where determined necessary by the fire code official due to special circumstances.

b. Where this figure is applicable, this case-by-case evaluation shall be in addition to the requirements of Figure 1207.11.7.2.1(1).

SECTION 290. Figure 1207.11.7.1(3) is hereby added to appear as follows:

FIGURE 1207.11.7.1(3)

DEEP GARAGE[a,b]



L = Interior length of the vehicle garage-entrance return wall.

= Area subject to case-by-case evaluation.

For SI: 1 inch = 25.4 mm, 1 foot = 304.8 mm.

a. Impact protection is not required for an ESS unit (or for a remote Energy Storage Management System) that is entirely located 36 inches or greater above the finished driving surface.

Exception: Where determined necessary by the fire code official due to special circumstances.

b. Where this figure is applicable, this case-by-case evaluation shall be in addition to the requirements of Figure 1207.11.7.2.1(1).

SECTION 291. Section 1207.11.7.2 is hereby amended to read as follows:

1207.11.7.2 ~~***Other locations subject to vehicle impact***~~**Exterior-installed ESS*****.***

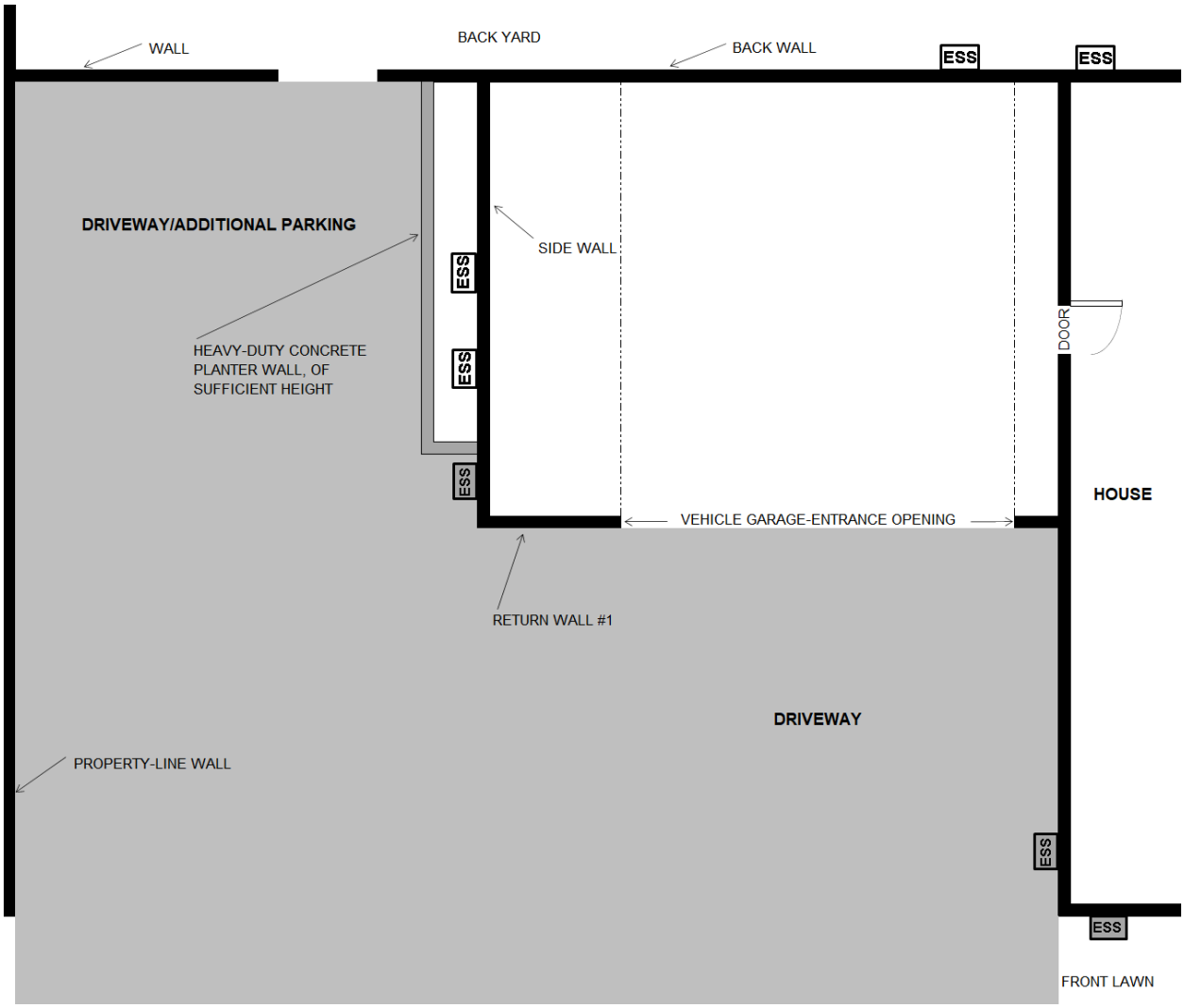
~~*Where an ESS is installed in a location other than as defined in Section 1207.11.7.1, and is subject to vehicle damage, impact protection shall be provided in accordance with Section 1207.11.7.3.*~~

Impact Protection shall be required for any ESS unit(s) that are located within 36" of the full width or depth/length of any vehicular path of travel, and subject to vehicular impact, per Figure 1207.11.7.2.

SECTION 292. Figure 1207.11.7.2 is hereby added to appear as follows:

FIGURE 1207.11.7.2

EXTERIOR-INSTALLED ESS[a]



= Exterior area subject to impact protection requirements.

ESS = ESS unit(s) subject to impact protection requirements.

ESS = ESS unit(s) *NOT* subject to impact protection requirements.

For SI: 1 inch = 25.4 mm.

a. Impact protection is not required for an ESS unit (or for a remote Energy Storage Management System) that is entirely located 36 inches or greater above the finished driving surface.

Exception: Where determined necessary by the fire code official due to special circumstances.

SECTION 293. Section 1207.11.7.3 is hereby amended to read as follows:

1207.11.7.3 ~~***Impact protection options***~~**Special circumstances*.***

~~*Where ESS is required to be protected from impact in accordance with Section 1207.11.7.1 or 1207.11.7.2, such protection shall comply with one of the following:*~~

~~*1. Bollards constructed in accordance with one of the following:*~~

~~*1.1. Minimum 48 inches (1219 mm) in length by 3 inches (76 mm) in diameter Schedule 80 steel pipe embedded in a concrete pier not less than 12 inches (304 mm) deep and 6 inches (152 mm) in diameter, with at least 36 inches (914 mm) of pipe exposed, filled with concrete and spaced at a maximum interval of 5 feet (1524 mm). Each bollard shall be located not less than 6 inches (152 mm) from an ESS.*~~

~~*1.2. Minimum 36 inches (914 mm) in height by 3 inches (76 mm) in diameter Schedule 80 steel pipe fully welded to a minimum 8-inch (203 mm) by 1/4-inch (6.4 mm) thick steel plate and bolted to a concrete floor by means of 41/2-inch (13 mm) concrete anchors with 3-inch (76 mm) minimum embedment. Spacing shall not be greater than 60 inches*~~

~~*(1524 mm), and each bollard shall be located not less than 6 inches (152 mm) from the ESS.*~~

~~*1.3. Pre-manufactured steel pipe bollards shall be filled with concrete and anchored in accordance with the manufacturer's installation instructions, with spacing not greater than 60 inches (1524 mm), and each bollard shall be located not less than 6 inches (152 mm) from the ESS.*~~

~~*2. Wheel barriers constructed in accordance with one of the following:*~~

~~*2.1. Four inches (102 mm) in height by 5 inches (127 mm) in width by 70 inches (1778 mm) in length wheel barrier made of concrete or polymer, anchored to the concrete floor not less than every 36 inches (914 mm) and located not less than 54 inches (1372 mm) from the ESS. Minimum 31/2-inch (89 mm) diameter concrete anchors with a 3-inch (76 mm) embedment per barrier shall be used. Spacing between barriers shall be no greater than 36 inches (914 mm).*~~

~~*2.2. Pre-manufactured wheel barriers shall be anchored in accordance with the manufacturer's installation instructions.*~~

~~*3. Approved method designed to resist a 2,000-pound (8899 Newtons) impact in the direction of travel at 24 inches (608 mm) above grade.*~~

The need of impact protection for any ESS unit installation scenario not specifically addressed in Sections 1207.11.7.1 and 1207.11.7.2 and associated figures, shall be determined by the fire code official.

SECTION 294. Section 1207.11.7.4 is hereby added to read as follows:

1207.11.7.4 Design of impact protection.

All impact protection shall be of the pipe-bollard type complying with Section 1207.11.7.4.1, or retrofit-bollard type complying with Section 1207.11.7.4.2, unless provided by other approved structures (e.g., concrete wall).

Spacing between bollards shall not exceed 4 feet (1219 mm) on center and be no closer than 6 inches (152 mm) from an ESS unit. Bollards shall not encroach upon the working clearances required by Sections 1207.11.5.1 and 603. The need for multiple bollards for an ESS unit or a series of ESS units shall be determined by the fire code official.

SECTION 295. Section 1207.11.7.4.1 is hereby added to read as follows:

1207.11.7.4.1 Pipe bollard.

Pipe-bollard type impact protection shall be 48 inches (1219 mm) in length, by 3 inches (76 mm) in diameter, schedule 80 steel pipe, embedded in a concrete pier 12 inches (304 mm) deep and 6 inches (152 mm) in diameter with 36 inches (914 mm) of pipe exposed, filled with concrete.

SECTION 296. Section 1207.11.7.4.2 is hereby added to read as follows:

1207.11.7.4.2 Retrofit bollard.

Retrofit-bollard type impact protection shall be 36 inches (914 mm) in height, by 3 inches (76 mm) in diameter, schedule 80 steel pipe fully welded to an 8-inch-square

(203 mm) by ¼ -inch-thick (6.4 mm) steel plate and bolted to a concrete floor by means of four $4^1/_2$-inch (114 mm) steel anchors. The anchor bolts shall be suitable for use in concrete and shall obtain a minimum of 3-inch (76 mm) nominal embedment per the manufacturer's installation instructions.

SECTION 297. Section 1207.11.8 is hereby amended to read as follows:

1207.11.8 Ventilation.

Indoor installations of ESS that include batteries that produce hydrogen or other flammable gases during charging, discharging, or other normal use conditions shall be provided with exhaust ventilation in accordance with Section 1207.6.1.

SECTION 298. Section 2007.1 is hereby amended to read as follows:

2007.1 General.

Helistops and heliports shall be maintained in accordance with Sections 2007.2 through 2007.811. Helistops and heliports on buildings shall be constructed in accordance with the *California Building Code*.

SECTION 299. Section 2007.9 is hereby added to read as follows:

2007.9 Emergency Helicopter Landing Facility (EHLF).

An approved Emergency Helicopter Landing Facility (EHLF) shall be provided on the roof of any building hereinafter constructed, where the roof exceeds 12 stories or 120 feet above the lowest level of fire department access. It shall be designed and constructed in accordance with the Los Angeles County Building Code and Title 24 of the California Code of Regulations, and shall be capable of sufficiently accommodating the appropriate emergency helicopter as determined by the fire code official.

SECTION 300. Section 2007.9.1 is hereby added to read as follows:

2007.9.1 Other rooftop structures and additions.

Where any roof at which a helistop; heliport; required low-hover, light-wheel landing site; or EHLF exists or is to be established, no parapet, guard or other structure that would extend any height above the horizontal plane of the landing surface, or that would extend more than 42 inches (1067 mm) above the adjacent roof deck, shall be installed without first obtaining written approval of the fire code official. No structures, including but not limited to tents or membrane structures, additions, or uses, shall be allowed to interfere with the necessary and safe operation of the helicopter landing facility.

SECTION 301. Section 2007.10 is hereby added to read as follows:

2007.10 Ground-based helicopter facilities.

A ground-based helicopter landing facility subject to this code, that is required for use to some degree by public emergency services, shall be constructed in accordance with Sections 2007.10.1 through 2007.10.3. These requirements may also be applied to such facilities that are elevated.

2007.10.1 Surface.

When required by the fire code official, a graded pad, measuring a minimum of 100 feet (30 480 mm) by 100 feet (30 480 mm), shall be covered with reinforced concrete, with a minimum depth of 6 inches (152.4 mm), capable of supporting 42,000 pounds (19 050.88 kg).

2007.10.2 Hydrant.

When required by the fire code official, a fire hydrant shall be installed adjacent to the pad as approved by the fire code official.

2007.10.3 Access.

When required by the fire code official, a fire apparatus access road leading to the helistop or heliport shall be provided in accordance with Section 503.

SECTION 302. Section 2007.11 is hereby added to read as follows:

2007.11 Maintenance and notification.

Where a new or existing helistop; heliport; required low-hover, light-wheel landing site; EHLF; or other helicopter landing facility is established, no structures, including but not limited to tents or membrane structures; or uses, shall be allowed to interfere with the necessary and safe operation of the facility. Immediate notification of any such interference shall be provided to the jurisdictional fire department emergency dispatch, including nature, extent, and expected time period of such interference.

2007.11.1 Fire Department permit required.

Where a new or existing helicopter facility is or was intended for emergency use, even if not exclusively; and/or is or was required by code, all nonemergency uses and/or requests shall first obtain a permit from the fire code official. Where a permit is granted, the permit shall include conditions under which nonemergency use can be conducted, as determined by the fire code official.

Issuance of a permit allowing nonemergency use of a rooftop helicopter facility shall be determined at the level of the Fire Marshal, on a case-by-case basis.

SECTION 303. Section 2108.5 is hereby added to read as follows:

2108.5 Smoking.

Smoking in dry-cleaning plants shall only be within designated smoking rooms. "NO SMOKING" signs shall be posted in rooms containing flammable or combustible liquids. See Section 310.3.

SECTION 304. Section 2203.3.1 is hereby amended to read as follows:

2203.3.1 Dust-collection systems.

~~D~~Suitable dust-collection systems shall be designed to collect dust emissions from dust-producing equipment at the point of generation and shall be installed on all dust-producing machinery. Dust-collection systems shall be in accordance with ~~Section 511~~Chapter 5 of the *California Mechanical Code*. Equipment used in operations that generate explosive or flammable vapors, fumes, or dusts shall be interlocked with the machinery power supply so that the machinery cannot be operated without the dust-collection equipment also operating.

Exception: Closed systems using listed equipment and designed in accordance with manufacturer's recommendations and specifications, where cleanouts are provided in accordance with Section 2203.3.3.

Heating, ventilation, and air conditioning (HVAC) systems shall not be used as the means to collect dusts from localized sources.

SECTION 305. Section 2203.4.1.1 is hereby added to read as follows:

2203.4.1.1 Electrical grounding.

Artificial lighting in areas containing dust-producing or dust-agitating operations shall be by electricity with wiring and electrical equipment installed in accordance with

the Electrical Code. Machinery and metal parts of crushing, drying, pulverizing, and conveying systems shall be electrically grounded in accordance with the Electrical Code.

SECTION 306. Section 2203.4.2 is hereby amended to read as follows:

2203.4.2 Static electricity.

Bonding and grounding is required to minimize accumulation of static electric charge in the following locations:

1. Dust-producing equipment.
2. Dust-collection system.
3. Pneumatic dust-conveying systems conveying combustible dust from one location to another, combustible dust conveyors, piping and conductive components. Conveying systems include transport modes such as railcars, hopper cars, boxcars, tank cars and trucks into which or from which commodities or products are pneumatically conveyed.
4. Conveying systems using metallic piping.

Static electricity shall be removed from machinery and other component parts by permanent grounds or bonds or both. The design and installation of such grounds shall be in accordance with approved standards.

SECTION 307. Section 2203.4.10 is hereby added to read as follows:

2203.4.10 Separators.

Approved means, such as magnetic or pneumatic separators, shall be installed ahead of shellers, crackers, crushers, grinding machines, pulverizers, and similar

machines in which the entrance of foreign materials could cause sparks to be generated.

SECTION 308. Section 2404.4 is hereby amended to read as follows:

2404.4 Fire protection.

Spray booths and spray rooms shall be protected by an approved automatic fire-extinguishing system complying with Chapter 9. Protection shall extend to exhaust plenums, exhaust ducts, and both sides of dry filters where such filters are used. Spray booths shall be provided with automatic fire sprinkler system protection when the spray booth is located in a portion of a building that is protected with an automatic fire sprinkler system.

SECTION 309. Section 2408.5 is hereby amended to read as follows:

2408.5 Sources of ignition.

Smoking shall be prohibited and "NO SMOKING" signs shall be prominently displayed in compliance with Section 310.3 in areas where organic peroxides are stored, mixed, or applied. Only nonsparking tools shall be used in areas where organic peroxides are stored, mixed or applied.

SECTION 310. Section 2504.6 is hereby added to read as follows:

2504.6 Smoking.

Smoking shall be prohibited in ripening rooms.

SECTION 311. Section 2507.2 is hereby added to read as follows:

2507.2 "No Smoking" signs.

NO SMOKING signs shall be posted at every entrance, in compliance with Section 310.3.

SECTION 312. Section 2603.3.3 is hereby amended to read as follows:

2603.3.3 ~~Watch personnel~~Reserved.

~~During the period fumigation is in progress, except where fumigation is conducted in a gastight vault or tank, a responsible watchperson shall remain on duty at the entrance or entrances to the enclosed fumigated space until after the fumigation is completed and the building, structure or space is properly ventilated and safe for occupancy. Sufficient watchers shall be provided to prevent persons from entering the enclosed space under fumigation without being observed.~~

SECTION 313. Section 2803.3.3 is hereby added to read as follows:

2803.3.3 Combustible waste.

The storage, accumulation, and handling of combustible materials and control of vegetation shall be in accordance with Section 304.

SECTION 314. Section 2810.1.1 is hereby added to read as follows:

2810.1.1 Permits.

Permits shall be required as set forth in Sections 105.5 and 105.6.

SECTION 315. Section 3102.1 is hereby amended to read as follows:

3102.1 Definitions.

The following terms are defined in Chapter 2:

AIR-INFLATED STRUCTURE.

AIR-SUPPORTED STRUCTURE.

CROWD MANAGER.

INFLATABLE AMUSEMENT DEVICE.

MEMBRANE STRUCTURE.

SPECIAL AMUSEMENT AREA.

TEMPORARY SPECIAL EVENT STRUCTURE.

TENT.

SECTION 316. Section 3104.5 is hereby added to read as follows:

3104.5 Helicopter landing facilities.

Where a helistop; heliport; required low-hover, light-wheel landing site; Emergency Helicopter Landing Facility (EHLF); or other helicopter landing facility is established, no structures, including tents or membrane structures, or uses, shall be allowed to interfere with the necessary and safe operation of the facility. See Section 2007.

SECTION 317. Section 3107.15.2.1 is hereby amended to read as follows:

3107.15.2.1 Quantity limit.

Fuel in the fuel tank and vehicle-technology hazards shall ~~not exceed one-quarter of the tank capacity or 5 gallons (19 L), whichever is less~~comply with the restrictions specified in Section 314.4.

SECTION 318. Section 3107.18 is hereby amended to read as follows:

3107.18 Combustible vegetation.

Combustible vegetation that could create a fire hazard shall be removed from the area occupied by a tent or membrane structure, and from areas within ~~30~~50 feet (~~9144~~15 240 mm) of such tent or membrane structures. When a tent or membrane structure is located in a wildfire risk area, combustible vegetation shall be removed from areas within 50 feet (15 240 mm) from such structures or from areas within up to 200

feet (60 960 mm) from such tent or membrane structures when required by the fire code official.

SECTION 319. Section 3201.2 is hereby amended to read as follows:

3201.2 Permits.

A permit shall be required as set forth in Sections 105.5 and 105.6. Prior to approval of storage racks, a building permit is required in occupancies regulated by this chapter. Proof of all required permits must be provided to the fire code official upon request. The approved permit must be kept on the premises and be available at all times for inspection by the fire code official.

SECTION 320. Table 3206.2 is hereby amended to read as follows:

TABLE 3206.2

GENERAL FIRE PROTECTION AND LIFE SAFETY REQUIREMENTS

COMMODITY CLASS	SIZE OF HIGH-PILED STORAGE AREA[a] (square feet) (see Sections 3206.2 and 3206.3)	ALL STORAGE AREAS (See Sections 3206, 3207 and 3208)[b]				SOLID-PILED STORAGE, SHELF STORAGE AND PALLETIZED STORAGE (see Section 3207.3)		
		Automatic fire-extinguishing system (see Section 3206.4)	Fire detection system (see Section 3206.5)	Fire department access doors (see Section 3206.7)	Smoke and heat removal (see Section 3206.8)	Maximum pile dimension[c] (feet)	Maximum permissible storage height[d] (feet)	Maximum pile volume (cubic feet)
I-IV	0-500	Not Required[a]	Not Required	Not Required	Not Required	Not Required	Not Required	Not Required
	501-2,500	Not Required[a]	Yes[g]	Not Required	Not Required	120	40	100,000
	2,501-12,000 Open to the public	Yes	Not Required	Not Required	Not Required	120	40	400,000
	2,501-12,000 Not open to the public (Option 1)	Yes	Not Required	Not Required	Not Required	120	40	400,000

COMMODITY CLASS	SIZE OF HIGH-PILED STORAGE AREA[a] (square feet) (see Sections 3206.2 and 3206.3)	ALL STORAGE AREAS (See Sections 3206, 3207 and 3208)[b]				SOLID-PILED STORAGE, SHELF STORAGE AND PALLETIZED STORAGE (see Section 3207.3)		
		Automatic fire-extinguishing system (see Section 3206.4)	Fire detection system (see Section 3206.5)	Fire department access doors (see Section 3206.7)	Smoke and heat removal (see Section 3206.8)	Maximum pile dimension[c] (feet)	Maximum permissible storage height[d] (feet)	Maximum pile volume (cubic feet)
	2,501-12,000 Not open to the public (Option 2)	Not Required[a]	Yes	Yes	Yes[h,i]	120	30[e]	200,000
	12,001-500,000	Yes	Not Required	Yes	Yes[h,i]	120	40	400,000
	Greater than 500,000[f]	Yes	Not Required	Yes	Yes[h,i]	120	40	400,000
High hazard	0-500	Not Required[a]	Not Required	Not Required	Not Required	60	Not Required	Not Required
	501-2,500 Open to the public	Yes	Not Required	Not Required	Not Required	60	30	75,000
	501-2,500 Not open to the public (Option 1)	Yes	Not Required	Not Required	Not Required	60	30	75,000
	501-2,500 Not open to the public (Option 2)	Not Required[a]	Yes[g]	Yes	Yes[h,i]	60	20	50,000
	2,501-300,000	Yes	Not Required	Yes	Yes[h,i]	60	30	75,000
	Greater than 300,000[f]	Yes	Not Required	Yes	Yes[h,i]	60	30	75,000

For SI: 1 foot = 304.8 mm, 1 cubic foot = 0.02832 m^3, 1 square foot = 0.0929 m^2.

a. Where automatic sprinklers are required for reasons other than those in Chapter 32, the portion of the sprinkler system protecting the high-piled storage area shall be designed and installed in accordance with Sections 3207 and 3208.

b. For aisles, see Section 3206.10.

c. Piles shall be separated by aisles complying with Section 3206.10.

d. For storage in excess of the height indicated, special fire protection shall be provided in accordance with Note f where required by the fire code official. See Chapters 51 and 57 for special limitations for aerosols and flammable and combustible liquids, respectively.

e. For storage exceeding 30 feet in height, Option 1 shall be used.

f. Special fire protection provisions including, but not limited to, fire protection of exposed steel columns; increased sprinkler density; additional in-rack sprinklers, without associated reductions in ceiling sprinkler density; or fire department hose connections shall be provided where required by the fire code official.

g. Not required where an automatic fire-extinguishing system is designed and installed to protect the high-piled storage area in accordance with Sections 3207 and 3208.

h. ~~Not required where storage areas *with an exit travel distance of 250 feet (76 200 mm) or less* are protected by either early suppression fast response (ESFR) sprinkler systems or control mode special application sprinklers with a response time index of 50 (m • s)$^{1/2}$ or less that are listed to control a fire in the stored commodities with 12 or fewer sprinklers, installed in accordance with *Section 903.3.1.1*.~~ Reserved.

i. Not required in frozen food warehouses used solely for storage of Class I and II commodities where protected by an approved automatic sprinkler system.

SECTION 321. Section 3206.8 is hereby amended to read as follows:

3206.8 Smoke and heat removal.

Where smoke and heat removal is required by Table 3206.2 ~~it~~, smoke and heat vents shall be provided in accordance with Section 910.

SECTION 322. Section 3302.1 is amended to read as follows:

3302.1 Terms defined in Chapter 2.

Words and terms used in this chapter and defined in Chapter 2 shall have the meanings ascribed to them as defined therein ~~.~~, including:

FIRE WATCH.

SECTION 323. Section 3305.5 is amended to read as follows:

3305.5 Fire watch.

Where required by the fire code official or the site safety plan established in accordance with Section 3303.1, a fire watch shall be provided for building demolition and for building construction.

See Section 401.10 for fire watch responsibilities and procedures, and Section 3504.2 for fire watch specific to hot work.

SECTION 324. Section 3305.5.2.1 is hereby amended to read as follows:

3305.5.2.1 Duties.

The primary duty of fire watch personnel shall be to perform constant patrols and watch for the occurrence of fire. ~~The combination of fire watch duties and site security duties is acceptable.~~

SECTION 325. Section 3313.6 is hereby added to read as follows:

3313.6 Fire hose.

When required by the fire code official, approved fire hoses with attached nozzles shall be maintained for immediate use at a construction site or a demolition site. Such hoses and nozzles shall be connected to an approved water supply. Where a fire hydrant is permitted to be used as the source of water supply, the fire hose connection to the fire hydrant shall not impede the Fire Department from using the hydrant.

SECTION 326. Section 3501.3 is hereby amended to read as follows:

3501.3 Restricted areas.

Hot work shall only be conducted in areas designed or authorized for that purpose by the personnel responsible for a hot work program. Hot work shall not be

conducted in the following areas unless approval has been obtained from the fire code official:

. . .

3. Areas with readily ignitable materials, such as storage of large quantities of bulk sulfur, baled paper, cotton, lint, dust or loose combustible materials, or wildfire risk areas.

. . .

SECTION 327. Section 3505.9 is hereby added to read as follows:

3505.9 Flashback prevention.

Approved protective devices shall be installed in the fuel gas and oxygen lines to prevent flashback in the fuel system and backflow in the fuel and oxygen system in accordance with nationally recognized safe practices.

SECTION 328. Section 3604.2 is hereby amended to read as follows:

3604.2 Standpipes.

Marinas and boatyards shall be equipped throughout with standpipe systems in accordance with NFPA 303. Systems shall be provided with hose connections located such that no point on the marina pier or float system exceeds 150 feet (15 240 mm) from a standpipe hose connection. Standpipe systems shall be of a wet type unless the system is installed in an area that is subject to freezing temperatures.

SECTION 329. Section 3604.2.2 is hereby added to read as follows:

3604.2.2 Floats.

Portions of floats more than 250 feet (76 200 mm) travel distance from fire apparatus access shall be provided with an approved wet standpipe system.

3604.2.2.1 Hose stations.

Hose stations shall be spaced to provide protection to all portions of floats or floating vessels. Hoses shall be mounted on a reel or rack and enclosed within an approved cabinet. Hose stations shall be labeled "FIRE HOSE – EMERGENCY USE ONLY." Only listed equipment shall be used. Each hose station shall be provided with a 2½-inch (63.5 mm) fire hose valve with a connected 2½-inch to 1½-inch reducer, a maximum length of 100 feet of lined hose, and an approved fog nozzle.

The pipe sizing shall be a minimum of 2½ inches (63.5 mm) and shall be based on providing 65 psi (448.159 kPa) at 100 gpm (378.5 L/min) at the most remote hose station valve outlet, using a maximum 150 psi (1034.21 kPa) at the fire department connection.

SECTION 330. Section 4801.3 is hereby amended to read as follows:

4801.3 DEFINITIONS.

. . .

APPROVED PRODUCTION FACILITY. *A~~n~~* new or *existing building, ~~or~~ portion of a building, ~~or a~~ group of buildings*, studio, or stage *altered for use by*, or designed and constructed for use by *the entertainment industry for the purpose of motion picture, television and commercial production* and which has been determined by the fire code official to meet all of the requirements of Sections 4802 through 4811.

COMMERCIAL STILL PHOTOGRAPHY PRODUCTION. Includes all activity attendant to the staging or shooting of commercial still photography production to create single or multiple photographs for sale or use for a commercial purpose.

FIRE SAFETY ADVISOR (FSA). A Fire Safety Advisor is a retired member of the County of Los Angeles Fire Department who is certified as a Fire Safety Advisor. The requirements to become a certified Fire Safety Advisor can be found in Regulation 3 of Chapter 1 of Volume 7 of the Fire Department manuals.

LIVE AUDIENCE STAGE. A production facility, production location, sound stage, or production studio where an audience is present for the recording or streaming of all, or a portion, of a motion picture, television show or commercial.

. . .

SECTION 331. Section 4803.2 is hereby amended to read as follows:

4803.2 Additional permits.

A permit shall be required for:

. . .

f) Any additional permits, including motion picture, commercial, and television productions, *as required by the fire code official* as determined in Section 105.5 and 105.6 of this code. See especially, but not exclusively, Section 105.5.54.

SECTION 332. Section 4803.4 is hereby added to read as follows:

4803.4 Permit fees.

Permit fees for permits required by Section 4803.2 and Section 105.5 shall be collected for the issuance of the following permits, in accordance with the currently adopted version of the Fire-Code Fee Schedule (Appendix QQ of this code):

1. Motion picture, television, commercial, and related productions filming.

2. Motion picture, television, commercial, and related production filming — fuel-dispensing trucks and vehicles.

3. Motion picture, television, commercial, and related production filming — pyrotechnics and special effects.

4. Commercial still-photography production that both: is outside of an approved production facility, and has an on-site cast-and-crew number of 15 or more persons.

Exception: Verified student filming productions and nonprofit 501(c)(3) organizations shall not be subject to a film or still-photography permit fee for the initial issuance of each permit. Permit revisions shall be subject to the permit-revision fee for each applicable permit.

SECTION 333. Section 4807.1.1 is hereby added to read as follows:

4807.1.1 Fire safety officers/advisors.

When in the opinion of the fire code official it is necessary for the preservation of life or property, due to the hazardous nature of an event, production, operation, or function, the fire official shall require the owner or lessee to employ or cause the employment of one or more approved fire safety officers or advisors to be on duty at such place during the hazardous activity.

SECTION 334. Section 4811.9 is hereby amended to read as follows:

4811.9 Fire department access.

Required emergency vehicle access, fire lanes, and existing fire apparatus access roads *shall be maintained* as per Section 503. *Any deviations are subject to approval by the fire code official.*

SECTION 335. Section 4902.1 is hereby amended to read as follows:

4902.1 General.

For the purpose of this chapter, certain terms are defined as follows:

. . .

~~***FIRE PROTECTION PLAN.*** *A document prepared for a specific project or development proposed for a Wildland-Urban Interface (WUI) Fire Area. It describes ways to minimize and mitigate potential for loss from wildfire exposure.~~

FIRE HAZARD SEVERITY ZONES. *Geographical areas designated pursuant to California Public Resources Codes, Sections 4201 through 4204 and classified as Very High, High, or Moderate in State Responsibility Areas or as Local Agency Very High Fire Hazard Severity Zones designated pursuant to California Government Code, Sections 51175 through 51189.* See Appendix PP for the designations within the County of Los Angeles.

. . .

FIRE PROTECTION PLAN. *A document prepared for a specific project or development proposed for a Wildland-Urban Interface (WUI) Fire Area. It describes ways to minimize and mitigate potential for loss from wildfire exposure.*

FIRE-RESISTANT VEGETATION. *Plants, shrubs, trees and other vegetation that exhibit properties, such as high moisture content, little accumulation of dead vegetation, and low sap or resin content, that make them less likely to ignite, ~~or contribute heat or~~ spread flame*, or increase the rate of spread *in a fire than native vegetation ~~typically found in the region~~*having high oil and resin content.

[Note: The following sources contain examples of types of vegetation that can be considered fire resistant vegetation. (Fire-resistant Plants for Home Landscapes, A Pacific Northwest Extension publication; Home Landscaping for Fire, University of California Division of Agriculture and Natural Resources; Sunset Western Garden Book)]

. . .

FUEL MODIFICATION PLAN. A portion of a fire protection plan that consists of a set of scaled plans that includes a plot plan showing fuel modification zones indicated with applicable assessment notes, a detailed landscape plan, and an irrigation plan. A fuel modification plan submitted for approval shall be prepared by a State-licensed landscape architect, a State-licensed landscape contractor, a landscape designer, or an individual with expertise acceptable to the Forestry Division of the Fire Department.

. . .

SECTION 336. Section 4903.1 is hereby amended to read as follows:

4903.1 General.

The fire code official is authorized to require the owner or owner's authorized agent to provide a fire protection plan. The fire protection plan shall be prepared to determine the acceptability of fire protection and life safety measures designed to mitigate wildfire hazards presented for the property under consideration.

The fire protection plan shall be prepared by a registered design professional, ~~qualified~~State-licensed landscape architect, State-licensed landscape contractor, landscape designer, qualified fire safety specialist ~~or similar specialist acceptable to the fire code official~~or individual with expertise acceptable to the Forestry Division of the

Fire Department and shall analyze the wildfire risk of the building, project, premises or region to recommend necessary changes.

The fire code official is authorized to require a preliminary fire protection plan prior to the submission of a final fire protection plan.

SECTION 337. Section 4905.2 is hereby amended to read as follows:

4905.2 Construction methods and requirements within established limits.

Within the limits established by law, construction methods intended to mitigate wildfire exposure shall comply with the wildfire protection building construction requirements contained in the applicable *California Building Standards Code* and Los Angeles County Codes, *including the following:*

1. California Building Codes, Chapter 7A.

2. California Residential Codes, Section R337.

3. California Referenced Standards Code, Chapter 12-7A.

4. California Fire Code, CCR Title 24, Part 9.

5. Los Angeles County Code, Title 32.

SECTION 338. Section 4906.2 is hereby amended to read as follows:

4906.2 Application.

All new plantings of vegetation in Local Responsibility Areas (LRA) designated as a Very High Fire Hazard Severity Zone and in *State Responsibility Areas (SRA) ~~and Local Responsibility Areas (LRA) designated as a Very High Fire Hazard Severity Zone~~ shall comply with Sections 4906.3 through 4906.5.3.*

Section 4906 is applicable to all unincorporated portions of Los Angeles County, to all cities that are a part of the Consolidated Fire Protection District of Los Angeles County, and to all cities that contract with the Consolidated Fire Protection District of Los Angeles County for services and adopt Section 4906 as part of their fire code.

SECTION 339. Section 4906.3 is hereby amended to read as follows:

4906.3 ~~***Landscape plans***~~**Fuel modification plans in fire hazard severity zones.**

~~*Landscape plans shall be provided when required by the enforcing agency. The landscape plan shall include development and maintenance requirements for the vegetation management zone adjacent to structures and roadways, and to provide significant fire hazard reduction benefits for public and firefighting safety.*~~

Permits shall be required as set forth in Section 105.6, with the exception of any differences which may be specified in this chapter or by the fire code official. A fuel modification plan shall be submitted and have preliminary fire protection plan approval prior to any subdivision of land or Coastal Development Permit (CDP); or, have final fire protection plan approval as stipulated below; where, such structure, or subdivision is located within areas designated as a Fire Hazard Severity Zone within State Responsibility Areas or Very High Fire Hazard Severity Zone within the Local Responsibility Areas, according to applicable Fire Hazard Zone maps, and Appendix PP of this code at the time of application.

Preliminary approval is required for applications for any of the following activities:

A. Subdivisions:

1. Where the proposed activity would result in 4 or fewer lots.

2. Where the proposed activity would result in 5 or more lots.

B. Coastal Development Permits (CDP).

Final approval is required for applications for any of the following activities:

A. New construction:

1. Any enclosed structure over 120 square feet.

2. Any structure enclosed on three sides or more and greater than or equal to 200 square feet (18.5 m^2).

B. Remodel, modification, reconstruction, or change of occupancy:

1. Any remodeling, modification, or reconstruction that increases the square footage of the existing structure or footprint by 50 percent or more within any 12-month period.

2. Any structure that changes occupancy classification.

Exception: Structures not included in the list of "New construction" applicability (Item "A.", above) are exempt.

C. Subdivisions:

1. Where the proposed activity would result in 5 or more lots.

Exemptions:

1. Structures that do not require a building permit; or

2. Structures constructed of noncombustible materials, open on all sides, and not used for storage or habitation.

Every fuel modification plan shall be reviewed by the Forestry Division of the Fire Department for defensible space, fire safety, compliance with Sections 325.2.1, 325.10, and 503.2.1 of this code, the Fire Department's fuel modification guidelines, and

California Code of Regulations, Title 14, Division 1.5, Chapter 7, subchapter 2. Before such final plan has been approved by the Forestry Division of the Fire Department, a signed and notarized copy of the provided covenant and agreement (and/or previously reviewed and approved association CC&R's that include the necessary fuel modification information) shall be recorded at the County of Los Angeles Registrar-Recorder/County Clerk's Office and a copy given to the fuel modification unit.

An on-site inspection must be conducted by the personnel of the Forestry Division of the Fire Department and a final approval of the fuel modification plan issued by the Forestry Division prior to a certificate of occupancy being granted by the building code official. The fuel modification inspection ensures compliance with applicable requirements of this code; the Building Code, Section 701A.5 (Vegetation management compliance); and the Residential Code, Section R337.1.5 (Vegetation management compliance).

SECTION 340. Section 4906.3.1 is hereby amended to read as follows:

4906.3.1 ~~*Contents*~~**Plan modification.**

~~*Landscape plans shall contain the following:*~~

~~*1. Delineation of the 30-foot (9144 mm) and 100-foot (30.5 m) fuel management zones from all structures.*~~

~~*2. Identification of existing vegetation to remain and proposed new vegetation.*~~

~~*3. Identification of irrigated areas.*~~

~~*4. A plant legend with both botanical and common names, and identification of all plant material symbols.*~~

~~*5. Identification of ground coverings within the 30-foot (9144 mm) zone.*~~

Any modification to an approved fuel modification landscape plan or addition to a structure that affects the approved zones of an approved fuel modification plan must be reviewed and approved by the Fuel Modification Unit of the Fire Department prior to installation of landscaping or issuance of a construction permit by the building code official for such an addition.

SECTION 341. Section 4906.3.2 is hereby added to read as follows:

4906.3.2 Penalties.

An owner of a property found to be in noncompliance with the fuel modification requirements shall be subject to an administrative fine (Section 327) and applicable liens or assessments as allowed by the provisions of Title 1, Chapter 1.25 of the County Code and this code. Failure to comply with this code is punishable as a misdemeanor and subject to additional enforcement proceedings, including corrective measures which shall be done at the owner's expense in accordance with Section 325.

SECTION 342. Section 4906.3.3 is hereby added to read as follows:

4906.3.3 Appeals.

Any person who disagrees with any decision related to fuel modification plans may file a written appeal with the Chief of the Forestry Division. The Chief of the Forestry Division will adjudicate all policy interpretations relevant to fuel modification plan requirements and serve as the final authority in this appeals process.

SECTION 343. Section 4906.3.4 is hereby added to read as follows:

4906.3.4 Fuel modification plan review fee schedule.

A plan check fee shall be payable to the Fire Department, upon the submission of any fuel modification plan, landscape plan, or irrigation plan for review and approval by the Fire Department. Refer to the Fire-Code Fee Schedule (Appendix QQ of this code) for said fees.

Fees will be based on the intended use of the structure, including permanently designated sites for tents, yurts, trailers, modulars, and similar temporary structures.

SECTION 344. Section 4906.3.5 is hereby added to read as follows:

4906.3.5 *Landscape plans.*

Landscape plans shall be provided when required by the enforcing agency. The landscape plan shall include development and maintenance requirements for the vegetation management zone adjacent to structures and roadways, and to provide significant fire hazard reduction benefits for public and firefighting safety.

SECTION 345. Section 4906.3.5.1 is hereby added to read as follows:

4906.3.5.1 *Contents.*

Landscape plans shall contain the following:

1. *Delineation of the 30-foot (9144 mm), ~~and~~ 100-foot (30.5 m),* and up to 200-foot (61 m) (as necessary), *fuel management zones from all structures.*
2. *Identification of existing vegetation to remain and proposed new vegetation.*
3. *Identification of irrigated areas.*

4. *A plant legend with both botanical and common names, and identification of all plant material symbols.*

5. *Identification of ground coverings within the 30-foot (9144 mm) zone.*

SECTION 346. Section 4906.4 is hereby amended to read as follows:

~~4906.4~~ **4906.3.5.2** ***Vegetation.***

All new vegetation shall be fire-resistant vegetation in accordance with this section.

Exception: *Trees classified as non-fire-resistant vegetation complying with Section ~~4906.4.2.1~~*4906.3.5.2.2.1*.*

To be considered fire-resistant vegetation, it must meet at least one of the following:

1. *Be identified as fire-resistant vegetation in an approved book, journal or listing from an approved organization.*

2. *Be identified as fire-resistant vegetation by a licensed landscape architect with supporting justification.*

3. *Plants considered fire-resistant vegetation and approved by the local enforcing agency.*

SECTION 347. Section 4906.4.1 is hereby amended to read as follows:

~~4906.4.1~~ **4906.3.5.2.1** ***Shrubs.***

All new plantings of shrubs shall comply with the following:

1. *Shrubs shall not exceed 6 feet (1829 mm) in height.*

2. *Groupings of shrubs are limited to a maximum aggregate diameter of 10 feet (3048 mm).*

3. *Shrub groupings shall be separated from other groupings a minimum of 15 feet (4572 mm).*

4. *Shrub groupings shall be separated from structures a minimum of 30 feet (9144 mm).*

5. *Where shrubs are located below or within a tree's drip line, the lowest tree branch shall be a minimum of three times the height of the understory shrubs or 10 feet (3048 mm), whichever is greater.*

SECTION 348. Section 4906.4.2 is hereby amended to read as follows:

~~4906.4.2~~*4906.3.5.2.2 *Trees.

Trees shall be managed as follows within the 30-foot zone (9144 mm) of a structure:

1. *New trees shall be planted and maintained so that the tree's drip line at maturity is a minimum of 10 feet (3048 mm) from any combustible structure.*

2. *The horizontal distance between crowns of new trees and crowns of adjacent trees shall not be less than 10 feet (3048 mm).*

3. *Existing trees shall be trimmed to provide a minimum separation of 10 feet (3048 mm) away from chimney and stovepipe outlets per Title 14, Section 1299.03.*

SECTION 349. Section 4906.4.2.1 is hereby amended to read as follows:

~~4906.4.2.1~~**4906.3.5.2.2.1** ***Non-fire-resistant ~~vegetation~~*****trees*****.***

New trees not classified as fire-resistant vegetation, such as conifers, palms, pepper trees and eucalyptus species, shall be permitted provided the tree is planted and maintained so that the tree's drip line at maturity is a minimum 30 feet (9144 mm) from any combustible structure.

SECTION 350. Section 4907.3 is hereby amended to read as follows:

4907.3 Requirements.

Hazardous vegetation and fuels around all buildings and structures shall be maintained in accordance with the following laws and regulations:

1. *Public Resources Code, Section 4291.*
2. *California Code of Regulations, Title 14, Division 1.5, Chapter 7, Subchapter 3, Article 3, Section 1299.03.*
3. *California Government Code, Section 51182.*
4. *California Code of Regulations, Title 19, Division 1, Chapter 7, Subchapter 1, Section 3.07.*
5. Los Angeles County Code, Title 32, including Section 325.

SECTION 351. Section 5001.1.2 is hereby added to read as follows:

5001.1.2 Health Hazardous Materials Division ("HHMD") Authority.

The provisions of Chapter 50 of this code may be enforced by any duly authorized technician, Health Hazardous Materials Division staff, or fire code official.

SECTION 352. Section 5001.5 is hereby amended to read as follows:

5001.5 Permits.

Permits shall be required as set forth in Sections 105.5 and 105.6.

Where required by the fire code official, permittees shall apply for approval to permanently close a storage, use or handling facility. Such application shall be submitted not less than 30 days prior to the termination of the storage, use or handling of hazardous materials. The fire code official is authorized to require that the application be accompanied by an approved facility closure plan in accordance with Section 5001.6.3.

A unified program facility permit shall be required for hazardous materials handlers, hazardous waste generators, or on-site treatment of hazardous waste in accordance with Chapters 12.50, 12.52, and 12.64 of Title 12 of the County Code. Unified program facility permits, if required, shall be obtained prior to the issuance of any fire code permit required by this code.

A permit shall be required for tank vehicles or railroad tank cars to remain on a siding indoors or outdoors, at the point of delivery while connected for transfer operations. Transfer operations shall be in accordance with DOT requirements and this code.

SECTION 353. Section 5001.5.1.1 is hereby added to read as follows:

5001.5.1.1 Hazardous Materials Business Plan (HMBP).

Each application for a permit for businesses handling or storing hazardous materials at any time during the year exceeding 55 gallons (208.198 L), 500 pounds (226.796 kg), or 200 cubic feet (5663.37 L) shall include a Hazardous Materials

Business Plan (HMBP). The location of the HMBP shall be posted adjacent to permits when an HMBP is provided. The HMBP shall include a facility site plan designating the following:

1. Storage and use areas.
2. Maximum amount of each material stored or used in each area.
3. Range of container sizes.
4. Locations of emergency isolation and mitigation valves and devices.
5. Product conveying piping containing liquids or gases, other than utility-owned fuel gas lines and low-pressure fuel gas lines.
6. On and off positions of valves for valves which are of the self-indicating type.
7. Storage plan showing the intended storage arrangement, including the location and dimensions of aisles.

The plans shall be legible and approximately to scale. Separate distribution systems are allowed to be shown on separate pages.

SECTION 354. Section 5001.5.1.2 is hereby added to read as follows:

5001.5.1.2 Application.

Each application for a permit required by this chapter shall include a Hazardous Materials Business Plan (HMBP) in accordance with Chapter 12.64 of Title 12 of the County Code.

SECTION 355. Section 5001.5.2.1 is hereby added to read as follows:

5001.5.2.1 Hazardous materials disclosure.

A chemical inventory prepared in accordance with Chapter 12.64 of Title 12 of the County Code shall be considered the equivalent of the Hazardous Materials Inventory Statement (HMIS) discussed in Section 5001.5.2.

SECTION 356. Section 5001.5.2.2 is hereby added to read as follows:

5001.5.2.2 Reporting.

Every business shall comply with the reporting requirements as set forth in Chapter 12.64 of Title 12 of the County Code.

SECTION 357. Section 5001.5.2.3 is hereby added to read as follows:

5001.5.2.3 Notification.

The fire code official and the HHMD shall be notified immediately when an unauthorized discharge becomes reportable under State, federal, or local regulations.

SECTION 358. Section 5001.5.2.4 is hereby added to read as follows:

5001.5.2.4 California Accidental Release Prevention (CalARP) program.

Every business shall comply with the requirements as set forth in Chapter 12.64 of Title 12 of the County Code.

SECTION 359. Section 5001.5.2.5 is hereby added to read as follows:

5001.5.2.5 Emergency information.

Hazardous materials business plans, risk management prevention programs, and hazardous materials inventory statements shall be posted in an approved location and

immediately available to emergency responders. The fire code official may require that the information be posted at the entrance to the occupancy or property.

SECTION 360. Section 5002.1 is hereby amended to read as follows:

5002.1 Definitions.

The following terms are defined in Chapter 2:

. . .

HAZARDOUS WASTE.

HAZARDOUS WASTE CONTROL LAW.

. . .

HEALTH HAZARDOUS MATERIALS DIVISION (HHMD).

. . .

UNIFIED PROGRAM.

UNIFIED PROGRAM FACILITY PERMIT.

. . .

WASTE.

SECTION 361. Section 5003.2.1 is hereby amended to read as follows:

5003.2.1 Design and construction of containers, cylinders, and tanks.

Containers, cylinders and tanks shall be designed and constructed in accordance with approved standards. Containers, cylinders, tanks and other means used for containment of hazardous materials shall be of an approved type. Pressure vessels not meeting DOTn requirements for transportation shall comply with the *ASME Boiler and*

Pressure Vessel Code. Tank vehicles and railroad tank cars shall be used in accordance with Section 5005.

SECTION 362. Section 5003.2.5 is hereby amended to read as follows:

5003.2.5 Empty containers and tanks.

Empty containers and tanks previously used for the storage of hazardous materials shall be free from residual material and vapor as defined by DOTn, the Resource Conservation and Recovery Act (RCRA) or other regulating authority or maintained as specified for the storage of the hazardous material. Containers larger than 5 gallons (18.9271 L) in capacity shall be marked with the date they have been emptied and shall be reclaimed, reconditioned, or remanufactured within one year of being emptied. Containers which previously held acute or extremely hazardous materials are considered empty if the container has been triple-rinsed and the rinsate managed as a hazardous waste. If the activity does not qualify for an exemption, the activity may require a permit to treat on site.

SECTION 363. Section 5003.3.1.2 is hereby amended to read as follows:

5003.3.1.2 Preparation.

~~Provisions shall be made for controlling and mitigating unauthorized discharges.~~ The consolidated contingency plan of the Unified Program of the hazardous material business plan shall be prepared and maintained. Copies shall be on-site and submitted every three years to the Fire Department as required by the provisions of the California Health and Safety Code, Division 20, Chapter 6.95, Hazardous Materials Release Response Plans and Inventory. Consolidated contingency plan shall mean a document setting out an organized, planned, and coordinated course of action to be followed in

case of a fire, explosion, or release of hazardous substance, which could threaten human health or the environment.

SECTION 364. Section 5003.3.1.3 is hereby amended to read as follows:

5003.3.1.3 Control.

When an unauthorized discharge caused by primary container failure is discovered, the involved primary container shall be repaired or removed from service. Any waste generated as a result of the unauthorized discharge must be disposed of in accordance with all applicable regulations pertaining to hazardous waste. If the facility does not have an EPA ID number, it must obtain a temporary ID number from the Department of Toxic Substance Control (DTSC) prior to disposal. EPA ID number shall mean a number issued by DTSC and used to track hazardous waste from point of origin to its final disposal. Provisional numbers are issued for special circumstances such as a spill if the facility does not have a permanent number. DTSC shall mean a Department in the California Environmental Protection Agency that is responsible for managing and regulating hazardous waste in California.

SECTION 365. Section 5003.3.1.4 is hereby amended to read as follows:

5003.3.1.4 Responsibility for cleanup.

The person, firm or corporation responsible for an unauthorized discharge shall institute and complete all actions necessary to remedy the effects of such unauthorized discharge, whether sudden or gradual, without cost to the jurisdiction. Where deemed necessary by the fire code official, cleanup can be initiated by the fire department or by an authorized individual or firm. Costs associated with such cleanup shall be borne by the owner, operator or other person responsible for the unauthorized discharge. Upon

termination of cleanup activities, the HHMD emergency operation section of the Fire Department must be contacted to assess cleanup measures and to clear the site for re-occupancy or reuse. For the purposes of this section, assess shall mean any activity taken to determine health and safety risks to the general public or the environment.

SECTION 366. Section 5003.5 is hereby amended to read as follows:

5003.5 Hazard identification signs.

Unless otherwise exempted by the fire code official, visible hazard identification signs as specified in NFPA 704 for the specific material contained shall be placed on stationary containers and aboveground tanks and at entrances to locations where hazardous materials are stored, dispensed, used or handled in quantities requiring a permit and at specific entrances and locations designated by the fire code official. Each building that stores, handles, or dispenses a hazardous material shall be conspicuously posted with the overall occupancy hazard by using the NFPA 704 placard system for any product or waste that has a 3 or higher rating in any category or is a special hazard.

SECTION 367. Section 5003.8.5.2.1 is hereby added to read as follows:

5003.8.5.2.1 Ventilation and storage arrangement.

Compressed gas cylinders shall be stored within gas cabinets, exhaust enclosures, or gas rooms. Portable or stationary tanks shall be stored within gas rooms or exhaust enclosures. Tank vehicles or railroad tank cars engaged in the use or dispensing of toxic or highly toxic gases shall be stored within a ventilated separate gas storage room or placed within an exhaust enclosure. When stationary or portable cylinders, containers, tanks, railroad tank cars, or tank vehicles are located outdoors for

dispensing or use of toxic or highly toxic gases, gas cabinets or exhaust enclosures shall be provided.

SECTION 368. Section 5003.9.1.1 is hereby amended to read as follows:

5003.9.1.1 Fire department liaison.

Responsible persons shall be designated and trained to be liaison personnel to the fire department. These persons shall aid the fire department in preplanning emergency responses and identifying the locations where hazardous materials are located, and shall have access to Safety Data Sheets and be knowledgeable in the site's emergency response procedures. These persons shall be identified as the emergency coordinator with 24-hour contact numbers in the business plan as required by the provisions of the California Health and Safety Code, Division 20, Chapter 6.95, Article 1, Business and Area Plans.

SECTION 369. Section 5003.11.3.8 is hereby amended to read as follows:

5003.11.3.8 Floors.

Floors shall be in accordance with Section 5004.12. Floors shall be level and impervious.

SECTION 370. Section 5005.1 is hereby amended to read as follows:

5005.1 General.

Use, dispensing and handling of hazardous materials in amounts exceeding the maximum allowable quantity per control area set forth in Section 5003.1 shall be in accordance with Sections 5001, 5003, and 5005. Use, dispensing and handling of hazardous materials in amounts not exceeding the maximum allowable quantity per

control area set forth in Section 5003.1 shall be in accordance with Sections 5001 and 5003.

Tank vehicles and railroad tank cars shall not be used as a means of hazardous materials storage. Indoor unloading or transfer operations from tank vehicles or railroad tank cars shall be in accordance with Sections 5005.1 and 5005.2. Outdoor unloading or transfer operations shall be in accordance with Sections 5005.1 and 5005.3.

SECTION 371. Section 5005.1.10.1 is hereby added to read as follows:

5005.1.10.1 Bulk plant or terminal.

Gases or liquids having a hazard ranking of 3 or 4 in accordance with NFPA 704 shall not be transferred from a tank vehicle or tank car into the cargo tank of another tank vehicle or tank car.

Exception: In an emergency, gases or liquids having a hazard rating of 3 or 4 may be transferred from a tank vehicle or tank car to the cargo tank of another tank vehicle or tank car when approved by the fire code official.

SECTION 372. Section 5601.1.3 is hereby amended to read as follows:

5601.1.3 Fireworks.

The possession, manufacture, storage, sale, handling and use of fireworks are prohibited.

Exceptions:

. . .

4. The possession, storage, sale, handling and use of specific types of Division 1.4G fireworks, including safe and sane, where allowed by applicable laws, ordinances and

regulations, provided that such fireworks and facilities comply with the 2006 edition of NFPA 1124, CPSC 16 CFR Parts 1500 and 1507, and DOTn 49 CFR Parts 100–185, as applicable for consumer fireworks *and Health and Safety Code Division 11*.

SECTION 373. Section 5601.1.4 is hereby amended to read as follows:

5601.1.4 Rocketry.

For rocketry requirements see California Code of Regulations, Title 19, Division 1, Chapter 6, reprinted in Sections 5610, 5611, and 5612. Rocketry shall also be in accordance with NFPA 1122, NFPA 1125, and NFPA 1127 for fire and life safety matters not regulated by State law.

SECTION 374. Section 5601.2.5 is hereby added to read as follows:

5601.2.5 Fees.

As required by California Health and Safety Code Section 12105, a permit for the storage of explosives shall not be issued until after the payment of a fee of $10.00, unless the quantity of explosives is 100 pounds or less, in which case the fee shall be $2.00. The permit fee shall be equally divided and deposited into the Treasury of the County of Los Angeles and into the State Treasury.

SECTION 375. Section 5601.7 is hereby amended to read as follows:

5601.7 Seizure.

The fire code official is authorized to remove or cause to be removed or disposed of in an approved manner, at the expense of the owner, explosives, explosive materials or fireworks offered or exposed for sale, stored, possessed or used in violation of this

chapter. Seizure shall be conducted in accordance with California Health and Safety Code, Division 11, Part 1, Chapter 8, Section 12350, et seq., and Part 2, Chapter 9, Section 12721, et seq.

SECTION 376. Section 5608.1 is hereby amended to read as follows:

5608.1 General.

~~Outdoor f~~Fireworks displays, use of pyrotechnics before a proximate audience and pyrotechnic special effects in motion picture, television, theatrical and group entertainment productions shall comply with *California Code of Regulations, Title 19, Division 1, Chapter 6 Fireworks and this ~~section~~* chapter. Additionally, fireworks displays and pyrotechnics before a proximate audience shall be conducted in accordance with NFPA 1123 and/or NFPA 1126 for fire and life safety matters not regulated by State law.

SECTION 377. Section 5611.1 is hereby added to read as follows:

5611.1 Permits.

Permits shall be required as set forth in Section 105.5 and California Code of Regulations, Title 19, Division 1, including Sections 1025 through 1026.

SECTION 378. Section 5612.1 is hereby added to read as follows:

5612.1 Permits.

Permits shall be required as set forth in Section 105.5 and California Code of Regulations, Title 19, Division 1, including Sections 1034 through 1035.

SECTION 379. Section 5701.4.1 is hereby added to read as follows:

5701.4.1 Plans.

Plans shall be submitted with each application for a permit to store more than 5,000 gallons (18 925 L) of liquids outside of buildings in drums or tanks. The plans shall indicate the method of storage, quantities to be stored, distances from buildings and property lines, accessways, fire-protection facilities, and provisions for spill control and secondary containment.

SECTION 380. Section 5701.6 is hereby added to read as follows:

5701.6 Maintenance and operating practices.

Maintenance and operating practices shall be in accordance with established procedures which will tend to control leakage and unauthorized discharge of flammable or combustible liquids. Spills shall be cleaned up promptly.

SECTION 381. Section 5704.2.6.1 is hereby added to read as follows:

5704.2.6.1 Waste control.

Waste liquids shall be kept in a sump, tank, or receptacle approved for this purpose. The waste must be disposed of in accordance with the provisions of the California Health and Safety Code, Division 20, Chapter 6.5, Hazardous Waste Control.

SECTION 382. Section 5704.2.8.3 is hereby amended to read as follows:

5704.2.8.3 Secondary containment.

Vaults shall be substantially liquid tight and there shall not be backfill around the tank or within the vault. The vault floor shall drain to a sump. For premanufactured vaults, liquid tightness shall be certified as part of the listing provided by a nationally recognized testing laboratory. For field-erected vaults, liquid tightness shall be certified

in an approved manner. Secondary containment shall be provided for new installations of underground tanks and existing tanks with a breach in integrity.

SECTION 383. Section 5704.2.8.16.1 is hereby added to read as follows:

5704.2.8.16.1 System requirements.

The fire protection system shall be a deluge type foam system, which provides a minimum of 0.25 gpm (0.9463 L/m) over the entire vault area. The minimum duration of the foam supply shall be 10 minutes. If a manual system is provided, it must assume a maximum of 125 psi (861.85 kPa) at the fire department connection.

SECTION 384. Section 5704.2.9.1.1 is hereby added to read as follows:

5704.2.9.1.1 Required foam fire protection systems.

All existing aboveground tanks exceeding 1,500 square feet (139.3546 m^2) of liquid surface area used for the storage of Class I or Class II flammable liquids shall be provided with foam fire protection.

Exceptions:

1. Tanks with floating roofs for storage of crude oil exceeding 1,500 square feet (139.3546 m^2) of liquid surface area and less than 12,300 square feet (1142.7074 m^2) of liquid surface area shall have foam fire protection only for the seal area.
2. Floating roof tanks or pressure tanks operating at or above 1 pound per square inch gauge.

SECTION 385. Section 5704.2.9.6.1.3 is hereby amended to read as follows:

5704.2.9.6.1.3 Location of tanks storing boilover liquids.

Above-ground tanks for storage of liquids with boilover characteristics shall be located in accordance with Table 22.4.1.4 of NFPA 30. Shell-to-shell spacing between tanks shall not be less than the diameter of the largest tank.

SECTION 386. Section 5704.3.7 is hereby amended to read as follows:

5704.3.7 Liquid storage rooms.

Liquid storage rooms shall comply with Sections 5704.3.7.1 through 5704.3.7.~~5.2~~6.

SECTION 387. Section 5704.3.7.6 is hereby added to read as follows:

5704.3.7.6 Construction.

The construction of liquid storage rooms shall be in accordance with the Building Code and have a minimum of one exterior wall having a door providing firefighting access.

SECTION 388. Section 5706.3 is hereby amended to read as follows:

5706.3 Well drilling and operating.

Wells for oil and natural gas shall be drilled and operated in accordance with Sections 5706.3.1 through 5706.3.~~8~~9.

SECTION 389. Section 5706.3.1 is hereby amended to read as follows:

5706.3.1 Location.

The location of wells shall comply with Sections 5706.3.1.1 through 5706.3.1.~~3.2~~4.

SECTION 390. Section 5706.3.1.4 is hereby added to read as follows:

5706.3.1.4 Zoning regulations.

The permit for any new well shall be issued only after the applicant has complied with applicable planning and zoning regulations.

SECTION 391. Section 5706.3.9 is hereby added to read as follows:

5706.3.9 Permits.

For permits to drill, own, operate, or maintain an oil or natural gas well, see Section 105.5.18. No person shall drill, own, operate, or maintain any oil or natural gas well without first obtaining a permit.

SECTION 392. Section 5706.4 is hereby amended to read as follows:

5706.4 Bulk plants or terminals.

Portions of properties where flammable and combustible liquids are received by tank vessels, pipelines, tank cars or tank vehicles and stored, transferred, or blended in bulk for the purpose of distribution by tank vessels, pipelines, tank cars, tank vehicles or containers shall be in accordance with Sections 5706.4.1 through 5706.4.10.4.

SECTION 393. Section 5706.5.1 is hereby amended to read as follows:

5706.5.1 General.

The provisions of Sections 5706.5.1.1 through 5706.5.1.~~18~~19 shall apply to bulk transfer and process transfer operations; Sections 5706.5.2 and 5706.5.2.1 shall apply

to bulk transfer operations; Sections 5706.5.3 through 5706.5.3.3 shall apply to process transfer operations and Sections 5706.5.4 through 5706.5.4.~~5~~6 shall apply to dispensing from tank vehicles and tank cars.

SECTION 394. Section 5706.5.1.1 is hereby amended to read as follows:

5706.5.1.1 Location.

Bulk transfer and process transfer operations shall be conducted in approved locations. Tank cars shall be unloaded only on private sidings or railroad-siding facilities equipped for transferring flammable or combustible liquids. Tank vehicles and tank cars engaged in bulk transfer or process transfer operations shall be separated from buildings, above-ground tanks, combustible materials, lot lines, public streets, public alleys or public ways by a distance of ~~25 feet (7620 mm)~~100 feet (30 480 mm) for Class I liquids and ~~15 feet (4572 mm)~~25 feet (7620 mm) for Class II and IIIA liquids measured from the nearest loading or unloading valve on the tank vehicle or tank car.

Exception: Buildings for pumps and shelters for personnel supporting transfer operations shall not be required to be separated from tank vehicles and tank cars engaged in bulk transfer or process transfer operations.

SECTION 395. Section 5706.5.1.19 is hereby added to read as follows:

5706.5.1.19 Liquid transfer.

Class I, II, or III liquids shall be transferred from a tank vehicle or tank car only into an approved atmospheric tank or approved portable tank, except as provided in Sections 5706.5.4.4 through 5706.5.4.6.

SECTION 396. Section 5706.5.4 is hereby amended to read as follows:

5706.5.4 Dispensing from tank vehicles and tank cars.

Dispensing from tank vehicles and tank cars into the fuel tanks of motor vehicles shall be prohibited unless allowed by and conducted in accordance with Sections 5706.5.4.1 through 5706.5.4.~~5~~6.

SECTION 397. Section 5706.5.4.6 is hereby added to read as follows:

5706.5.4.6 Time limit for unloading and permit.

Tank vehicles and railroad tank cars shall be unloaded as soon as possible after arrival at point of delivery and shall not be used as storage tanks. Tank cars shall be unloaded only on private sidings or railroad siding facilities equipped for transferring the liquid between tank cars and permanent storage tanks. A permit shall be required for a tank car to remain on a siding at the point of delivery while connected for transfer operations. Transfer operations shall be in accordance with Department of Transportation ("DOT"') requirements and this code.

SECTION 398. Section 5706.6.1 is hereby amended to read as follows:

5706.6.1 Operation of tank vehicles.

Tank vehicles shall be utilized and operated in accordance with NFPA 385 and Sections 5706.6.1.1 through 5706.6.1.~~11~~12.

SECTION 399. Section 5706.6.1.12 is hereby added to read as follows:

5706.6.1.12 Transfer of cargo.

Class I, II, or III liquids shall not be transferred from a tank vehicle or tank car into the cargo tank of another tank vehicle or tank car.

Exception: In an emergency, Class I, II, or III liquids may be transferred from a tank vehicle or tank car to the cargo tank of another tank vehicle or tank car when approved by the fire code official.

SECTION 400. Section 6104.4 is hereby amended to read as follows:

6104.4 Multiple LP-gas container installations.

. . .

Where one of these forms of protection is provided, the separation shall be not less than 25 feet (7620 mm) between LP-gas container groups.

At LP-gas multicontainer installations, the aggregate capacity of the containers shall be used to determine minimum distances to the buildings or adjoining property lines.

SECTION 401. Section 6104.5 is hereby added to read as follows:

6104.5 Tank car and tank vehicle stations.

Tank car and tank vehicle bulk loading and unloading stations shall be located not less than 100 feet from buildings, sources of ignition, or adjoining property lines that may be built upon.

SECTION 402. Section 6104.6 is hereby added to read as follows:

6104.6 Container orientation.

Unless special protection is provided and approved by the fire code official, LP-gas containers shall be oriented so that the longitudinal axes do not point toward other LP-gas containers, vital process equipment, control rooms, loading stations, flammable liquid storage tanks, or other special hazards.

SECTION 403. Section 6106.1 is hereby amended to read as follows:

6106.1 Attendants.

Dispensing of LP-gas shall be performed by a qualified attendant. Self-service LP-gas dispensing open to the public is prohibited.

SECTION 404. Chapter 81 is hereby added to read as follows:

CHAPTER 81 AUTOMOBILE WRECKING YARDS

8101 GENERAL

8101.1 Scope.

Automobile wrecking yards shall comply with the requirements of Chapter 81. For rubbish-handling operations, see Chapters 3 and 23.

8102 DEFINITIONS

8102.1 Limited application.

For the purposes of this chapter, the following term is defined:

MOTOR VEHICLE FLUIDS. Liquids which are flammable, combustible, or hazardous materials, such as crankcase fluids, fuel, brake fluids, transmission fluids, radiator fluids, and gear oil. This definition does not include liquids which are permanently sealed, such as hydraulic fluid within shock absorbers.

8103 PERMITS

Permits to operate automobile wrecking yards are required. Permits shall be required as set forth in Sections 105.5 and 105.6.

8104 FIRE APPARATUS ACCESS ROADS

Fire apparatus access roads shall be constructed and maintained throughout the site in accordance with Section 503 of this code. Aisles or passageways shall be provided so as to allow fire department hose streams to reach all stored items and material.

8105 WELDING AND CUTTING

Welding and cutting operations shall be in accordance with Chapters 35 and 53 of this code.

8106 HOUSEKEEPING

Combustible rubbish accumulated on the site shall be collected and stored in approved containers, rooms, or vaults of noncombustible materials. Combustible vegetation, cut or uncut, shall be removed when determined by the fire code official to be a fire hazard.

8107 FIRE PROTECTION

Offices, storage buildings, and vehicles used for site operations shall each be provided with at least one portable fire extinguisher with a rating of not less than 4-A: 40-B: C. When required by the fire code official, additional portable fire extinguishers shall be provided in specific use areas in accordance with Section 906.

8108 TIRES

Tires shall be stored on racks in an approved manner or shall be piled in accordance with Chapter 34 and Section 315.4.

8109 BURNING OPERATIONS

The burning of salvage vehicles and salvage or waste materials shall be in accordance with Section 307 and federal, State, or local air quality control regulations.

8110 MOTOR VEHICLE FLUIDS AND HAZARDOUS MATERIALS

8110.1 General.

The storage, use, and handling of motor vehicle fluids and hazardous materials, such as those used to operate air bags and electrical systems, shall be in accordance with Section 8110 and this code, including Chapters 23, 50, and 57.

8110.2 Motor vehicle fluids.

Motor vehicle fluids shall be drained from salvage vehicles when such fluids are leaking. Storage and handling of motor vehicle fluids shall be done in an approved manner. Flammable and combustible liquids shall be stored and handled in accordance with this code, including Chapters 23, 50, and 57.

8110.3 Mitigation for vehicle fluid leaks.

Supplies or equipment capable of mitigating leaks of such fluids as those found in fuel tanks, crankcases, brake systems, and transmissions shall be kept available on-site. Single-use plugging, diking, and absorbent materials shall be disposed of as hazardous waste and removed from the site in a manner approved by federal, State, or local requirements.

8110.4 Batteries.

Batteries shall be removed from salvaged vehicles when such batteries are compromised. Batteries that have been removed from vehicles shall be stored in an approved manner.

SECTION 405. Chapter 82 is hereby added to read as follows:

CHAPTER 82 INFRACTIONS

8201 GENERAL

8201.1 Offenses deemed infractions.

In accordance with Section 112.4, the violation of the following sections or subsections shall be infractions:

Section	Offense
303.1–303.9	Asphalt kettles
304.1.1	Waste material
304.1.2	Vegetation
304.2	Combustible waste rubbish – storage
305.2	Hot ashes and spontaneous ignition sources
310.4	Removal "No Smoking" sign
315.3.2	Stairway – storage under
503.4	Obstructing access roadway
505.1	Address identification
507.5.4–507.5.5	Obstruction of fire hydrants
507.5.6	Physical protection – fire hydrants
507.5.7	Firefighting water source markers
507.5.8	Identification – private fire hydrant
507.5.9	Private fire hydrant caps or plugs
603.6	Electrical extension cords
901.6.4.1	Signage – aboveground water-control valves
901.6.4.2	Locks – aboveground water-control valves
901.6.4.3	Painting identification – aboveground water-control valves

Section	Offense
901.7	Failure to notify Fire Department
906.1–906.10	Fire extinguishers
912.5 and 912.8	Identification – fire department connection
912.9	Breakable caps or plugs – fire department connection
1009.9	Exit doors identification
1010.2.2	Door-operating devices
2003.2	"No Smoking" signs within aircraft hangars
2108.4	Fire extinguisher – dry cleaning plant
2108.5	No smoking signs – dry cleaning plant
2311.2.2	Waste oil storage
2403.2.7	Welding warning signs
2403.4	Operations and maintenance
2403.4.3	Metal waste cans for rags and waste
2404.7.8.5	Filter disposal
2405.3.4	Dip-tank covers
2405.4.2	Portable fire protection equipment
2406.5	Maintenance – powder coating
2407.5.1	Maintenance – electrostatic apparatus
2407.5.2	Signs – "Danger"
2408.5	Sources of ignition (organic peroxides)
2505.1	Housekeeping – fruit ripening room
2803.3.1	Lumber yards – housekeeping
2803.3.3	Combustible waste
3103.12.6.1	Exit sign illumination
3107.18	Vegetation removal
3603.2	Open flame device – boat or marina
3603.4	Rubbish containers – marina
3604.4	Portable fire extinguishers – marinas
4811.9	Fire Department access – motion picture production locations
4811.12	Blocked or obstructed fire hydrants and appliances
5003.5	Hazardous materials signage

Section	Offense
5003.7.1	No smoking signs – hazardous materials
5004.11	Combustible materials clearance – hazardous materials storage
5005.3.8	Combustible materials clearance – hazardous materials use
5303.4	Markings – compressed gases
5303.5	Security – compressed gases
5701.6	Maintenance and operating practices – flammable and combustible liquids
5704.2.3.1	"No smoking" sign
5704.3.3.4	Empty containers
6107.2	"No smoking" signs – LPG container
6107.3	Combustible material clearance LPG container
8104	Auto wrecking yards – fire apparatus access

8201.2 Penalties for infractions.

Every violation determined to be an infraction is punishable by a fine not to exceed $100 for the first violation, $200 for the second, $500 for the third, and $500 for each additional violation of the same ordinance within one year. Each such violation is a separate offense for each and every day during any portion of which such violation is committed or allowed to continue. For the purposes of this section a forfeiture of bail shall be equivalent to a conviction.

SECTION 406. Chapter 83 is hereby added to read as follows:

CHAPTER 83 CONSOLIDATED FIRE PROTECTION DISTRICT OF LOS ANGELES COUNTY FIRE CODE

8301 FIRE CODE ADOPTED

Title 32 (Fire Code) of the Los Angeles County Code is hereby adopted and incorporated herein by reference at this point as if set forth at length herein as the Fire Code for the Consolidated Fire Protection District of Los Angeles County (District).

A copy of Title 32 of the Los Angeles County Code has been filed in the Executive Office of the Board of Supervisors and shall be at all times maintained by the executive office for use and inspection by the public.

8302 AREAS REGULATED

The District finds and declares that this code does not occupy the whole area of any subject matter regulated or covered therein except where this code expressly states its intent to occupy the whole area of any subject matter regulated or covered therein.

Thus, in enacting this ordinance, it is not the intent of the District to preempt or otherwise nullify any other local ordinance containing different standards and protections.

8303 APPLICABILITY

Except as provided in California Health and Safety Code Section 13869.7, this code shall apply to, and be enforceable in, all areas, including cities and unincorporated areas, served by the District. All references in this code to the California Building Code, Residential Code, Mechanical Code, Plumbing Code, Green Building Standards Code, Fire Code, and Electrical Code shall mean the appropriate legally applicable code

adopted by each incorporated city that is a part of the District, or receives services from the District.

SECTION 407. Appendix B, Section B103.3 is hereby amended to read as follows**:**

B103.3 Areas without water supply systems.

~~For information regarding water supplies for fire-fighting purposes in rural and suburban areas in which adequate and reliable water supply systems do not exist, the fire code official is authorized to utilize NFPA 1142.~~This section shall only apply to buildings equipped with a fire sprinkler system. Parcels that are located outside the service boundary, above the existing pressure zone, or more than 2,000 linear feet (609.6 m) from an existing water main of a water purveyor may provide an on-site water supply, when approved by the fire code official. For one-family dwellings the water supply shall be in accordance with Table B103.3. For other than one-family dwellings, the water supply shall be in accordance with the NFPA 1142 or NFPA 13 water supply requirement, whichever is greater.

SECTION 408. Appendix B, Table B103.3 is hereby added to read as follows:

TABLE B103.3

TANK SIZES FOR ONE-FAMILY DWELLINGS

FIRE-FLOW CALCULATION AREA	TANK SIZE
0–3,600 square feet	7,500 gal
3,601–5,999 square feet	10,000 gal
6,000 square feet and greater	12,500 gal

SECTION 409. Appendix B, Section B104.2 is hereby amended to read as follows:

B104.2 Area separation.

Portions of buildings that are separated by fire walls without openings, constructed in accordance with the *California Building Code*, are allowed to be considered as separate fire-flow calculation areas. Fire barriers or fire partitions cannot be used to create separate fire-flow calculation areas.

SECTION 410. Appendix B, Section B105.1 is hereby amended to read as follows:

B105.1 One- and two-family dwellings, Group R-3 and R-4 buildings and townhouses.

The minimum fire-flow and flow duration requirements for one- and two-family dwellings, Group R-3 and R-4 buildings and townhouses shall be as specified in Tables B105.1(1) and B105.1(2).

Exception: The minimum fire-flow for one- and two-family dwellings, and Group R-3 buildings located in a fire hazard zone shall not be less than 1,250 gallons per minute (15 141.6 L/min) for a 1-hour duration at 20 psi (138 kPa).

SECTION 411. Appendix B, Table B105.2 is hereby amended to read as follows:

TABLE B105.2

REQUIRED FIRE FLOW FOR BUILDINGS OTHER THAN ONE- AND TWO-FAMILY DWELLINGS, GROUP R-3 AND R-4 BUILDINGS AND TOWNHOUSES

AUTOMATIC SPRINKLER SYSTEM (Design Standard)	MINIMUM FIRE-FLOW (gallons per minute)	FLOW DURATION (hours)
No automatic sprinkler system	Value in Table B105.1(2)	Duration in Table B105.1(2)
Section 903.3.1.1 or Section 903.3.1.2 of the *California Fire Code*	~~25~~50% of the value in Table B105.1(2)[a]	Duration in Table B105.1(2) at the reduced flow rate
~~Section 903.3.1.2 of the *California Fire Code*~~	~~25% of the value in Table B105.1(2)[b]~~	~~Duration in Table B105.1(2) at the reduced flow rate~~

For SI: 1 gallon per minute = 3.785 L/m.

a. The reduced fire flow shall be not less than ~~1,000~~1,500 gallons per minute.

b. ~~The reduced fire flow shall be not less than 1,500 gallons per minute.~~Reserved.

SECTION 412. Appendix B, Section B105.4 is hereby added to read as follows:

B105.4 Mobilehome parks.

The required fire-flow for mobilehome parks shall be 1,250 gallons per minute (4731.765 L/min), for a duration of 1 hour and with public hydrant spacing of not more than 600 feet (182 880 mm) apart. For mobilehome parks located in the High or Very High Fire Hazard Severity Zones, the required fire flow shall instead be 2,000 gallons per minute (7570.824 L/min) for a duration of 1 hour. In either location, for recreational

buildings located within a mobilehome park, the fire-flow and duration shall be according to the fire-flow calculation area set forth in Table B105.1(2).

SECTION 413. Appendix B, Section B105.5 is hereby added to read as follows:

B105.5 Land subdivision projects.

For the subdivision of undeveloped land for other than single-family dwellings, due to the undetermined building size and type of construction, the required fire flow shall be 4,000 gallons per minute (15 141.6 L/min) for a duration of 4 hours with public hydrant spacing of 300 feet (91 440 mm). The required fire-flow for the subdivision of land consisting of lots having existing structures shall be in accordance with Table B105.1(2) for fire-flow and duration.

SECTION 414. Appendix C, Section C102 is hereby amended to read as follows:

C102 ~~NUMBER OF FIRE HYDRANTS~~LOCATION

SECTION 415. Appendix C, Section C102.1 is hereby amended to read as follows:

C102.1 ~~Minimum number of fire hydrants for a building~~Fire hydrant locations.

~~The number of fire hydrants available to a building shall be not less than the minimum specified in Table C102.1~~Fire hydrants shall be provided at intersections and along required fire apparatus access roads and adjacent public streets.

SECTION 416. Appendix C, Table C102.1 is hereby deleted in entirety as follows:

~~**TABLE C102.1**~~

~~**REQUIRED NUMBER AND SPACING OF FIRE HYDRANTS[h]**~~

~~**FIRE-FLOW REQUIREMENT (gpm)**~~	~~**MINIMUM NUMBER OF HYDRANTS**~~	~~**AVERAGE SPACING BETWEEN HYDRANTS[a,b,c,f,g] (feet)**~~	~~**MAXIMUM DISTANCE FROM ANY POINT ON STREET OR ROAD FRONTAGE TO A HYDRANT[d,f,g]**~~
~~1,750 or less~~	~~1~~	~~500~~	~~250~~
~~1,751-2,250~~	~~2~~	~~450~~	~~225~~
~~2,251-2,750~~	~~3~~	~~450~~	~~225~~
~~2,751-3,250~~	~~3~~	~~400~~	~~225~~
~~3,251-4,000~~	~~4~~	~~350~~	~~210~~
~~4,001-5,000~~	~~5~~	~~300~~	~~180~~
~~5,001-5,500~~	~~6~~	~~300~~	~~180~~
~~5,501-6,000~~	~~6~~	~~250~~	~~150~~
~~6,001-7,000~~	~~7~~	~~250~~	~~150~~
~~7,001 or more~~	~~8 or more[e]~~	~~200~~	~~120~~

~~For SI: 1 foot = 304.8 mm, 1 gallon per minute = 3.785 L/m.~~

~~a. Reduce by 100 feet for dead-end streets or roads.~~

~~b. Where streets are provided with median dividers that cannot be crossed by fire fighters pulling hose lines, or where arterial streets are provided with four or more traffic lanes and have a traffic count of more than 30,000 vehicles per day, hydrant spacing shall average 500 feet on each side of the street and be arranged on an alternating basis.~~

~~c. Where new water mains are extended along streets where hydrants are not needed for protection of structures or similar fire problems, fire hydrants shall be provided at spacing not to exceed 1,000 feet to provide for transportation hazards.~~

~~d. Reduce by 50 feet for dead-end streets or roads.~~

~~e. One hydrant for each 1,000 gallons per minute or fraction thereof.~~

~~f. A 50-percent spacing increase shall be permitted where the building is equipped throughout with an approved automatic sprinkler system in accordance with Section 903.3.1.1 of the *California Fire Code*.~~

~~g. A 25-percent spacing increase shall be permitted where the building is equipped throughout with an approved automatic sprinkler system in accordance with Section 903.3.1.2 or 903.3.1.3 of the *California Fire Code* or Section 313 of the *California Residential Code*.~~

~~h. The fire code official is authorized to modify the location, number and distribution of fire hydrants based on site-specific constraints and hazards.~~

SECTION 417. Appendix C, Section C102.2 is hereby added to read as follows:

C102.2 Location on street.

Public hydrants shall be required on both sides of the street whenever streets are 64 feet (19 507 mm) or greater in width and containing four or more traffic lanes; or have raised median center dividers that make access to hydrants difficult, cause time delays, and/or create an undue hazard as determined by the fire code official.

SECTION 418. Appendix C, Section C103 is hereby amended to read as follows:

C103 ~~FIRE HYDRANT SPACING~~NUMBER OF HYDRANTS

C103.1 ~~Hydrant spacing~~Fire hydrants available.

~~Fire apparatus access roads and public streets providing required access to buildings in accordance with Section 503 shall be provided with one or more fire hydrants, as determined by Section C102.1. Where more than one fire hydrant is required, the distance between required fire hydrants shall be in accordance with Sections C103.2 and C103.3~~The minimum number of fire hydrants available to a building, complex or subdivision shall not be less than that determined by the spacing requirements in Sections C105 and C106 when applied to fire apparatus access roads and perimeter public streets from which fire operations could be conducted.

SECTION 419. Appendix C, Section C103.2 is hereby deleted as follows:

~~**C103.2 Average spacing.**~~

~~The average spacing between fire hydrants shall be in accordance with Table C102.1.~~

~~**Exception:** The average spacing shall be permitted to be increased by 10 percent where existing fire hydrants provide all or a portion of the required number of fire hydrants.~~

SECTION 420. Appendix C, Section C103.3 is hereby deleted as follows:

~~**C103.3 Maximum spacing.**~~

~~The maximum spacing between fire hydrants shall be in accordance with Table C102.1.~~

SECTION 421. Appendix C, Section C104.1 is hereby amended to read as follows:

C104.1 Existing fire hydrants.

Existing fire hydrants on public streets are allowed to be considered as available ~~to meet the requirements of Sections C102 and C103~~. Existing fire hydrants on adjacent properties are allowed to be considered as available ~~to meet the requirements of Sections C102 and C103~~ provided that ~~a~~ fire apparatus access road<u>s</u> extend~~s~~ between properties and ~~that an~~ easement<u>s</u> ~~is~~<u>are</u> established to prevent obstruction of such roads.

SECTION 422. Appendix C, Section C105 is hereby amended to read as follows:

C105 ~~REFERENCED STANDARD~~<u>DISTRIBUTION OF FIRE HYDRANTS</u>

SECTION 423. Appendix C, Section C105.1 is hereby amended to read as follows:

C105.1 ~~General~~<u>Hydrant spacing</u>.

~~See Table C105.1 for standards that are referenced in various sections of this appendix. Standards are listed by the standard identification with the effective date, standard title, and the section or sections of this appendix that reference the standard.~~<u>Fire hydrants shall be spaced in accordance with Sections C105.2 through C105.4.</u>

SECTION 424. Appendix C, Table C105.1 is hereby deleted in entirety as follows:

~~**TABLE C105.1**~~

~~**REFERENCED STANDARD**~~

~~**STANDARD ACRONYM**~~	~~**STANDARD NAME**~~	~~**SECTION HEREIN REFERENCED**~~
~~CRC—22~~	~~*California Residential Code*~~	~~Table C102.1~~

SECTION 425. Appendix C, Section C105.2 is hereby added to read as follows:

C105.2 One- and two-family dwellings, and Group R-3 buildings.

For one- and two-family dwellings, and Group R-3 buildings, fire hydrants shall be spaced no more than 600 feet (182.88 m) apart. For properties with more than one dwelling unit per acre, no portion of lot frontage should be more than 450 feet (137.16 m) away, via fire apparatus access, from a public hydrant. For properties less than one dwelling unit per acre, no portion of a fire apparatus access roadway shall be farther than 750 feet (228.6 m) away, via fire apparatus access, from a properly spaced public hydrant that meets the required fire-flow.

SECTION 426. Appendix C, Section C105.3 is hereby added to read as follows:

C105.3 Buildings other than one- and two-family dwellings, and Group R-3 buildings.

For all occupancies other than one- and two-family dwellings, and Group R-3 buildings, including commercial, industrial, multifamily dwellings, private schools, and

institutions, fire hydrant spacing shall be 300 feet (91.44 m). No portion of lot frontage shall be more than 200 feet (60.96 m), via fire apparatus access, from a public hydrant.

SECTION 427. Appendix C, Section C105.4 is hereby added to read as follows:

C105.4 Cul-de-sac hydrant location.

When cul-de-sac depth exceeds 450 feet (137.16 m) (residential) or 200 feet (60.96 m) (commercial), hydrants shall be required at mid-block. Additional hydrants will be required if hydrant spacing exceeds specified distances in Sections C105.2 and C105.3.

SECTION 428. Appendix C Section C106 is hereby added to read as follows:

C106 ON-SITE HYDRANTS

C106.1 Required on-site hydrants.

When any portion of a proposed structure exceeds the allowable distances from a public hydrant, via fire apparatus access, on-site hydrants shall be provided. The spacing distance between on-site hydrants shall be 300 to 400 feet (91 440 mm to 121 920 mm). All on-site fire hydrants shall have, at a minimum, a fire-flow of 1,250 gallons per minute (4732 L/min) at 20 psi (137.895 kPa) for a duration of 2 hours. If more than one on-site fire hydrant is required, the fire flow shall be the lesser of either the required fire flow for the building, or 2,500 gallons per minute (9463.53 L/min) at 20 psi (137.895 kPa) for a duration of 2 hours. All on-site hydrants shall be installed a minimum of 25 feet (7620 mm) from a structure or protected by a 2-hour firewall.

Exception: For fully sprinklered multifamily residential structures, on-site hydrants may be installed a minimum of 10 feet (3.05 m) from the structure.

SECTION 429. Appendix O, Section O101.2 is hereby amended to read as follows:

O101.2 Permits.

A~~n~~ place of assembly *operational permit shall be required ~~for~~*to operate temporary amusement *haunted houses, ghost walks, or similar amusement uses in accordance with Appendix O101.2.*

SECTION 430. Appendix O, Section O101.2.1 is hereby amended to read as follows:

O101.2.1 Permit documents.

*The permit ~~application~~*applicant *shall* submit construction documents for approval which *include,* at a minimum, *a dimensioned site plan and floor plan.*

. . .

SECTION 431. Appendix O, Section O101.3 is hereby added to read as follows:

O101.3 Jurisdictional building and planning department approval.

Approval to operate a temporary amusement haunted house or similar use or to change the approved use of an existing building, or portion thereof, for temporary amusement haunted house or similar use shall be approved by the jurisdictional

building official and planning official prior to the Fire Department's final construction approval and issuance of an operational permit.

SECTION 432. Appendix O, Section O102.2 is hereby amended to read as follows:

O102.2 **TEMPORARY AMUSEMENT *HAUNTED HOUSE.***

A temporary building or structure, or portion thereof, which contains a system that transports passengers or provides a walkway through a course so arranged that the means of egresses are not apparent due to theatrical distractions, not visible due to low illumination, are disguised or are not readily available due to the method of transportation through the building or structure. These are usually used during the Halloween season for amusement or entertainment purposes where decorative materials, props, visual effects, or audio effects are utilized to create theatrical environment. A temporary amusement haunted house may be deemed a special amusement area by the fire code official depending on the floor plan layout, lighting, or visual distractions used and the effects those elements have on identifying and accessing the means of egress in the event of a fire or an emergency.

SECTION 433. Appendix O, Section O102.3 is hereby amended to read as follows:

O102.3 ***GHOST WALKS.***

Similar to temporary amusement *haunted houses and may include both indoor and outdoor areas ~~where the means of egresses are similarly not readily identifiable~~*used for amusement or entertainment purposes.

SECTION 434. Appendix O, Section O102.4 is hereby added to read as follows:

O102.4 TEMPORARY.

Temporary shall mean amusement use of buildings or structures, or portion thereof, at one location for not more than 90 days within a one-year period.

SECTION 435. Appendix O, Section O102.5 is hereby added to read as follows:

O102.5 SPECIAL AMUSEMENT AREA.

A special amusement *area* is *any* temporary, permanent, or mobile building or portion thereof that is occupied for amusement, entertainment or educational purposes and *is arranged in a manner that*:

1. *Makes the means of egress path not readily apparent due to visual and audio distractions, or*
2. *Intentionally confounds identification of the means of egress path, or*
3. *Otherwise makes the means of egress path not readily available because of the nature of the attraction or mode of conveyance through the special amusement area, building, structure or portion thereof.*

SECTION 436. Appendix O, Section O103.1 is hereby amended to read as follows:

O103.1 Allowable structures.

Temporary amusement ~~*H*~~h*aunted houses, ghost walks, and similar amusement uses* which meet the definition of a Special Amusement Area *shall only be located in structures that comply with the provisions for Special Amusement Areas in accordance with the California Building Code*, and any applicable requirements in the County Code.

SECTION 437. Appendix O, Section O103.7 is hereby amended to read as follows:

O103.7 Fire protection.

Temporary amusement ~~*H*~~h*aunted houses ~~and~~, ghost walks*, and similar amusement uses which meet the definition of a Special Amusement Area *shall be provided with fire protection systems in accordance with Appendix O103.7.*

. . .

SECTION 438. Appendix O, Section O103.7.2 is hereby amended to read as follows:

O103.7.2 Fire detection systems.

An approved automatic fire detection system shall be provided in accordance with Section 907.2.12, as required for Special ~~*a*~~A*musement ~~buildings~~*Areas.

SECTION 439. Appendix O, Section O103.7.4 is hereby amended to read as follows:

O103.7.4 Emergency voice alarm.

Provide an emergency voice/alarm communication system in accordance with Section 907.2.12, as required for Special ~~a~~A*musement* ~~*buildings*~~Areas.

SECTION 440. Appendix O, Section O103.9 is hereby amended to read as follows:

O103.9 Decorative materials and interior finishes.

Interior wall, ceiling, and floor finishes shall be Class A rated in accordance with the California Building Code, and any applicable requirements in the County Code.

SECTION 441. Appendix O, Section O103.15 is hereby amended to read as follows:

O103.15 Maintenance.

Good housekeeping shall be maintained at all times throughout exhibit and exit pathways. The means of egress system shall not be obstructed during event operation.

SECTION 442. Appendix PP is hereby added to read as follows:

APPENDIX PP LOCAL AGENCY VERY HIGH FIRE HAZARD SEVERITY ZONES

PP101 GENERAL

PP101.1 Scope.

This appendix defines Local Agency Very High Fire Hazard Severity Zones and provides the legal description of the geographic areas for the installation of fire sprinkler systems in occupancies as required by Section 903.2.11.7.

PP101.2 DEFINITIONS

See Chapter 49 for definitions.

PP102 LOCAL AGENCY VERY HIGH FIRE HAZARD SEVERITY ZONES

PP102.1 General.

Local Agency Very High Fire Hazard Severity Zones, as defined in Section 4902.1 of this code, are hereby designated in those areas as specified in Sections PP102.2 and PP102.3 of Appendix PP. Also see Chapter 49.

PP102.2 Designation of Local Agency Very High Fire Hazard Severity Zones (VHFHSZ) in incorporated cities of the Consolidated Fire Protection District of Los Angeles County.

The following incorporated cities are designated as being located wholly or in part in the Local Responsibility Area Very High Fire Hazard Severity Zone:
Agoura Hills, Azusa, Bradbury, Calabasas, Claremont, Covina, Diamond Bar, Duarte, Glendora, Hidden Hills, Irwindale, La Canada Flintridge, La Habra, La Mirada, Malibu, Palmdale, Palos Verdes Estates, Pomona, Rancho Palos Verdes, Rolling Hills, Rolling Hills Estates, San Dimas, Santa Clarita, Walnut, Westlake Village, and Whittier.

PP102.3 Designation of Local Agency Very High Fire Hazard Severity Zones (VHFHSZ) in unincorporated areas of Los Angeles County.

The following unincorporated areas located near the following jurisdictions are designated as being located wholly or in part in the Local Responsibility Area Fire Hazard Severity Zones: Angeles National Forest, City of Hidden Hills, parcels between the City of Agoura Hills and the City of Calabasas, Santa Monica Mountains, parcels

south of the City of Diamond Bar, parcels north of the City of Whittier, San Dimas, Covina, West Covina, parcels located east of the Cities of Covina and West Covina, Universal City, parcels west of Rolling Hills, Baldwin Hills, Catalina Island, Claremont, Claremont Island, Glendora, Azusa, La Habra Heights, Whittier, West Hills and Valley Boulevard, the Malibu–Santa Monica Mountains Area, and the San Gabriel Mountains Southface Area.

PP102.4 Parcel identification.

All map and parcel identification, fire hazard severity zone designation, and other information for those areas as specified in Sections PP102.2 and PP102.3 shall be accessible to property owners and the public at the Fire Department's fire prevention engineering unit offices or at the Forestry Division's fuel modification unit office.

PP102.5 Periodic review.

The fire code official shall periodically review the areas in the Consolidated Fire Protection District of Los Angeles County identified as Fire Hazard Severity Zones pursuant to this section, and as necessary, make recommendations to revise the Fire Hazard Severity Zones. See California Government Code Sections 51175 through 51189.

PP103 SAN GABRIEL MOUNTAINS SOUTHFACE AREA AND MALIBU–SANTA MONICA MOUNTAINS AREA

PP103.1 General.

The San Gabriel Mountains Southface Area and the Malibu–Santa Monica Mountains Area are hereby designated in those areas as specified in Sections PP103.2 and PP103.3 of Appendix PP. Also see Section 903.2.11.7.

PP103.2 Malibu–Santa Monica Mountains Area.

Beginning at a point where the Los Angeles County–Ventura County boundary line meets the Pacific Ocean mean high tide line. This being the true point of beginning. Thence, northeasterly along said Los Angeles County boundary line and all its various courses to the City of Los Angeles boundary line along the southerly line of Section 9, Township 1 North, Range 17 West, San Bernardino Base Meridian. Thence, southeasterly along said city boundary and all its various courses to the Pacific Ocean mean high tide line. Thence, westerly along said mean high tide line and all its various courses to the point of the beginning.

PP103.3 San Gabriel Mountains Southface Area.

Beginning at a point where Interstate 5 Freeway and Latitude 34 degrees, 21 minutes (Northern Hemisphere) intersect. This being the true point of beginning. Thence, east along said Latitude of 34 degrees, 21 minutes to the Los Angeles County–San Bernardino County boundary line. Thence, south along the Los Angeles County Boundary to State Highway 30 (Baseline Road). Thence, west on State Highway 30 to Interstate Freeway 210, along Interstate 210 Freeway to the Interstate 5 Freeway. Thence, north on said Interstate 5 Freeway to the point of beginning.

SECTION 443. Appendix QQ is hereby added to read as follows:

APPENDIX QQ LOS ANGELES COUNTY (LAC) FIRE-CODE FEE SCHEDULE

QQ101 GENERAL

Unless otherwise expressly stated herein, or stipulated otherwise in other applicable laws, fees for the services to be rendered by the Los Angeles County Fire

Department (“Department”), as reflected in the descriptions and tables of this fee schedule, shall be payable to the Consolidated Fire Protection District of Los Angeles County (“District”), sometimes referred to as the Department (the administering agency of the District).

QQ101.1 Annual review of fees.

Fees in this schedule shall be reviewed annually by the Department. The amount of each fee shall be adjusted as follows: calculate the hourly rate for all positions included in the fee calculations based on the Los Angeles County Board of Supervisors–approved salaries and employee benefits, and Los Angeles County Auditor-Controller–approved overhead rates. The adjusted fee shall be rounded to the nearest dollar; however, no fee shall exceed the cost of providing the service for which the fee is collected.

QQ102 DEFINITIONS

The following words and terms are defined for the purpose of this fee schedule. Where words or terms are not defined herein, their meaning shall be in accordance with the Fire Code, Title 32, of the Los Angeles County Code, or other title of the Los Angeles County Code as most appropriate.

DEFENSIBLE SPACE (D-SPACE) INSPECTION. Inspection required by the State of California and local ordinance for provision of brush clearance as described in Sections 325, 327, and 4907 of Title 32 (Fire Code) of the Los Angeles County Code.

FINAL MAP. Term used by the jurisdictional planning agency to refer to the version of a subdivision map that, after receiving all necessary approvals from all

necessary entities, may be filed in the office of the county recorder. Generally, the “final map” review process is preceded by a “tentative map” review process, but in certain cases laws may allow a “parcel map” to be considered the final map.

FIRE PROTECTION PLAN. A document prepared, per Chapter 49, for a specific project or development proposed for a Wildland-Urban Interface (WUI) Fire Area. It describes ways to minimize and mitigate potential for loss from wildfire exposure. The fire code official is authorized to require a preliminary fire protection plan prior to the submission of a final fire protection plan.

PRELIMINARY FIRE PROTECTION PLAN. See Chapter 49, Section 4903.

FINAL FIRE PROTECTION PLAN. See Chapter 49, Section 4903.

FUEL MODIFICATION. See Chapter 49, including Section 4902 (Definitions), and Section 4906 (Vegetation Management).

LACC. Los Angeles County Code.

LAND DEVELOPMENT UNIT (LDU). A unit of the Department Fire Prevention Division, the duties of which normally include determination of Fire Department conditions pertaining to water and access on applications for subdivisions, entitlements and discretionary permits within the jurisdiction of the District.

LOT. The terms "lot" and “parcel” shall be used synonymously.

PARCEL. The terms "parcel" and “lot” shall be used synonymously.

PARCEL MAP. A map for subdivisions, per California Government Code, Section 66426, and any other applicable laws. Generally, this term is used to

refer to application maps for subdivisions that result in no more than 4 lots. See "FINAL MAP."

PUBLIC ROAD EASEMENT VACATION. Also referred to as a "street vacation." The complete or partial abandonment or termination of the public right to use a street, highway, or public service easement. See California Streets and Highway Code, Division 9, Part 3, for more details.

SUBDIVISION. See definition in the California Subdivision Map Act (Government Code Section 66424).

TENTATIVE MAP. Term referring to a map made for the purpose of showing the design and improvement of a proposed subdivision, and the existing conditions in and around it, for review during an early stage of the subdivision application process. It need not be based upon an accurate or detailed final survey of the property. See "FINAL MAP" and "PARCEL MAP."

TRACT MAP. Descriptor of maps used to distinguish subdivisions resulting in 5 or more lots.

QQ103 FORESTRY DIVISION SERVICE FEES.

QQ103.1 Oak tree review fees.

QQ103.1.1 Initial survey.

Upon receiving request for an oak tree environmental review, the site will be surveyed by the County Forester to determine the number of trees requiring review. The fee assessment will be based on that number.

TABLE QQ103.1(1)

OAK TREE PLAN REVIEW		
	NUMBER OF TREES	FEE
1	1–15	$900.00
2	16–50	$1,000.00
3	51–100	$1,800.00
4	101–200	$2,799.00
5	201–400	$4,799.00
6	≥401	$7,998.00

TABLE QQ103.1(2)

OAK TREE INSPECTION		
	SERVICE	FEE
1	Inspection	$376.00

QQ103.2 Fuel-modification fees.

TABLE QQ103.2

FUEL MODIFICATION PLAN — REVIEW AND INSPECTION	
CONSTRUCTION APPLICATIONS — Description	**FEE[a]**
1.) Barns, garages, accessory structures	$624.00
2.) New residential, commercial, or industrial structures:	
a.) < 2,500 sq. ft. in total area	$723.00
b.) ≥ 2,500 sq. ft. in total area	$845.00
3.) Additions/modifications to existing residential, commercial, or industrial structures which increase the square footage or footprint of the structure by 50 percent or more and for which the addition/modification is:	
a.) < 2,500 sq. ft. in total area	$723.00
b.) ≥ 2,500 sq. ft. in total area	$845.00
4.) Change of occupancy:	

a.)	≤ 2,500 sq. ft.	$723.00
b.)	> 2,500 sq. ft.	$845.00
5.)	Tracts only, where the residential structures are proposed to be built by the same individual or entity: New residential structure ≥ 2,500 sq. ft. in total area, within currently developing tracts of 25 or more lots	$732.00
SUBDIVISION MAPS REVIEW PROCESS — Description		**FEE[a]**
6.)	Subdivision where proposal would result in 4 or fewer lots	
a.)	Fire protection plan review	$162.00
7.)	Subdivision where proposal would result in 5 or more lots	
a.)	Preliminary fire protection plan review	$1,133.00
b.)	Final fire protection plan review — includes lots 5–20	$1,230.00
c.)	Final fire protection plan review — each additional 10 lots, or portion thereof, over 20	$752.00

a Per review and inspection.

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QQ103.3 Defensible (D-Space) inspection fees.

TABLE QQ103.3

DEFENSIBLE-SPACE (D-SPACE) INSPECTION		
SUBJECT OF REVIEW / SERVICE REQUESTED		**FEE[a]**
1.)	**Initial Inspection (Fee to be phased in as described by year, below)**	
a.)	2022	$50.00
b.)	2023	$100.00
c.)	2024	$151.00
2.)	**Noncompliance at Second Inspection**	
	Abatement Enforcement Administrative Fee	$908.00

a. Per parcel.

QQ104 FIRE PREVENTION DIVISION FEES

QQ104.1 Land Development Unit (LDU) fees.

TABLE QQ104.1(1)

LDU SUBDIVISION REVIEWS OF "TENTATIVE MAPS"		
SUBJECT OF REVIEW / SERVICE REQUESTED		**FEE**
A.)	**MINOR LAND DIVISIONS** (Sometimes referred to as "Parcel Map" Reviews)	
A1.)	**Initial Review** **(Each fee charge purchases 3 reviews)**	
	a.) Initial submittal	$1,289.00
A2.)	**Additional Reviews/Revisions** **(Each fee charge purchases 1 review)**	
	a.) Submittal of a revision (i.e., "revised map" is required) to a map that *has not yet* received approval by the advisory agency of the county or the city (or if there is no advisory agency, then by the legislative body thereof). ("**REVISION**")	$372.00
	b.) Submittal of a revision (i.e., "revised map" is required) *of the conditions of approval* for a map that *had already* received approval by the advisory agency of the county or the city (or if there is no advisory agency, then by the legislative body thereof). ("**REVISED**")	$725.00
	c.) Submittal of a less-than-significant revision to a map (i.e., a "revised map" is not required). ("**AMENDMENT**")	$442.00
B.)	**MAJOR LAND DIVISIONS** (Sometimes referred to as "Tract Map" Reviews)	
B1.)	**Initial Review** **(Each fee charge purchases 3 reviews)**	
	a.) Lots 1–10 (i.e., single flat fee covers up to 10 lots)	$2,983.00
	b.) Each additional lot between 11–50	$23.00
	c.) Each additional lot between 51–100	$17.00
	d.) Each additional lot between 101–1,000	$13.00
	e.) Each additional lot 1,001 or greater	$7.00
B2.)	**Additional Reviews/Revisions** **(Each fee charge purchases 1 review)**	
	a.) Submittal of a revision (i.e., "revised map" is required) to a map that *has not yet* received approval by the advisory agency of the county or the city (or if there is no advisory agency, then by the legislative body thereof). ("**REVISION**")	$442.00
	b.) Submittal of a revision (i.e., "revised map" is required) *of the conditions of approval* for a map that *had already* received approval by the advisory agency of the county or the city (or if there is no advisory agency, then by the legislative body thereof). ("**REVISED**")	$1,431.00

LDU SUBDIVISION REVIEWS OF "TENTATIVE MAPS"		
SUBJECT OF REVIEW / SERVICE REQUESTED		**FEE**
	c.) Submittal of a <u>less-than-significant revision</u> to a map (i.e., a "revised map" is not required). ("**AMENDMENT**")	$725.00

TABLE QQ104.1(2)

LDU SUBDIVISION REVIEWS OF "FINAL MAPS"[a]		
SUBJECT OF REVIEW / SERVICE REQUESTED		**FEE**
1.)	**Initial Review (Each fee charge purchases 3 reviews)**	
	a.) Each map consisting of 1-5 lots.	$725.00
	b.) Each map consisting of 6–10 lots.	$795.00
	c.) Each map consisting of 11–25 lots.	$936.00
	d.) Each map consisting of 26–50 lots.	$1,078.00
	e.) Each map consisting of 51 or more lots.	$1,289.00
2.)	**Additional Reviews (Each fee charge purchases 1 review)**	
	a.) Supplemental review (i.e., when a final map is submitted more than three times).	$231.00
3.)	**Verification (Each fee charge purchases 1 review)**	
	a.) Verification that the final map complies with the applicable ordinances, conditions, and other requirements.	$301.00

a. Regarding application of Table QQ104.1(1) and Table QQ104.1(2): In cases where laws and agencies allow a one-step review process (i.e., a "parcel map" review where no "tentative map" review is necessary), the Fire Department shall be authorized to assess the applicable service fee(s) that most appropriately reflect the service(s) being provided, whether from Table QQ104.1(1) or Table QQ104.1(2).

TABLE QQ104.1(3)

LDU MISCELLANEOUS FEES		
SUBJECT OF REVIEW / SERVICE REQUESTED		FEE
1	Coastal Development Permit (CDP)	$442.00
2	Conditional Use Permit (CUP)	$442.00
3	Conditional Use Permit (CUP) — revised	$259.00
4	Discretionary-permit review, including, but not limited to: design review, design overlay review (DOR), development permit application review, "Exhibit 'A'" review, planned urban development (PUD) review, and preliminary review	$301.00
5	"Exhibit 'A'" — revised	$301.00
6	Grading plan review – fire lanes and private driveways	$301.00
7	Lot-line adjustment(s), and/or lot merger(s)	$301.00
8	Mobilehome park or special occupancy park	$442.00
9	"One Stop" advisory counseling/review	$176.00
10	Vacation of public road easement	$301.00
11	Waiver request	$329.00
12	Water appeals board	$160.00
13	Water/Hydrant (public) plans and systems	$301.00
14	Each additional hydrant over 10	$35.00
15	Zone change	$301.00

QQ104.2 Operational permit fees.

TABLE QQ104.2

OPERATIONAL PERMIT FEES		
PROPOSED ACTIVITY		FEE[a]
1	Activities in Wildfire Risk Areas	$390.00
2	Additive Manufacturing	$390.00
3	Aerosol Products	$390.00
4	Amusement Buildings	$390.00
5	Automobile Wrecking Yard	$390.00

OPERATIONAL PERMIT FEES		
PROPOSED ACTIVITY		FEE[a]
6	Aviation Facility	$390.00
7	Bonfire	$390.00
8	Carbon Dioxide Systems used in Beverage Dispensing Applications	$390.00
9	Carbon Dioxide Enrichment Systems	$390.00
10	Carnivals and Fairs	$390.00
11	Cellulose Nitrate Film	$390.00
12	Combustible-Dust Producing Operations	$390.00
13	Combustible Fibers	$390.00
14	Commercial Rubbish-Handling Operation	$390.00
15	Compressed Gases	$390.00
16	Covered and Open Mall Buildings	$390.00
17	Cryogenic Fluids	$390.00
18	Cutting and Welding Permit	$390.00
19	Dry Cleaning Plants	$390.00
20	Energy Storage Systems	$390.00
21	Exhibits and Trade Shows	$390.00
22	Explosives	$390.00
23	Fire Hydrants and Valves	$390.00
24	Fireworks Display	$390.00
25	Flammable or Combustible Liquids	$390.00
26	Floor Finishing	$390.00
27	Fruit and Crop Ripening	$390.00
28	Fumigation and Insecticidal Fogging	$390.00
29	Hazardous Production Materials (HPM) Facilities	$390.00
30	Hazardous Materials	$390.00
31	Helicopter Landing Facility	$390.00
32	High-Piled Combustible Storage	$390.00
33	Hot Work Operations	$390.00
34	Industrial Ovens	$390.00
35	Liquid- or Gas-Fueled Vehicles or Equipment in Assembly Buildings	$390.00
36	Lithium Batteries	$390.00
37	LP Gas	$390.00
38	Lumber Yards and Woodworking Plants	$390.00
39	Magnesium	$390.00

OPERATIONAL PERMIT FEES		
PROPOSED ACTIVITY		FEE[a]
40	Mass-Gathering Event, 5000 or More People	$780.00
41	Miscellaneous Combustible Storage	$390.00
42	Mobile Fueling of Hydrogen-Fueled Vehicles	$390.00
43	Model Rockets	$390.00
44	Motor Fuel-Dispensing Facilities	$390.00
45	Oil and/or Natural Gas Wells	$390.00
46	Open Burning	$390.00
47	Open Flames and Candles	$390.00
48	Open Flames and Torches	$390.00
49	Organic Coatings	$390.00
50	Outdoor Assembly Event	$390.00
51	Pallet Yard	$390.00
52	Parade Float	$390.00
53	Places of Assembly	$390.00
54	Plant Extraction Systems	$390.00
55	Privately Contracted Private Fire Prevention Resource	$390.00
56	Private Fire Hydrants	$390.00
57	Pyrotechnic Special Effects Material	$390.00
58	Pyroxylin Plastics	$390.00
59	Radioactive Materials	$390.00
60	Recreational Fire	$390.00
61	Refrigeration Equipment	$390.00
62	Repair Garages and Motor Fuel-Dispensing Facilities	$390.00
63	Rooftop Helicopter Facility	$390.00
64	Rifle Range	$390.00
65	Special Events	$390.00
66	Spraying or Dipping	$390.00
67	Storage of Scrap Tires and Tire By-Products	$390.00
68	Temporary Sales Lots	$390.00
69	Temporary Membrane Structures and Tents	$390.00
70	Tire-Rebuilding Plants	$390.00
71	Tire Storage	$390.00
72	Waste Handling	$390.00
73	Wood Products	$390.00

a. Per permit.

QQ104.2.1 Film and production permit fees.

TABLE QQ104.2.1

FILM AND PRODUCTION PERMIT FEES		
PERMIT TYPE		**FEE[a]**
1	Pyrotechnics and Special Effects	$458.00
	1a.) Permit-revision fee	$115.00
2	Filming	$451.00
	2a.) Permit-revision fee	$113.00
3	Fuel-Dispensing Trucks and Vehicles	$492.00
	3a.) Permit-revision fee	$123.00
4	Commercial Still Photography	$452.00
	4a.) Permit-revision fee	$113.00

a. Per permit.

QQ104.3 Plan review fees.

TABLE QQ104.3(1)

BUILDING PLAN REVIEW		
TYPE OF REVIEW		**FEE[a]**
1	Dwelling, one- and two-family	$565.00
2	Multifamily residence	$776.00
3	Photovoltaic residential	$776.00
4	Photovoltaic commercial	$776.00
5	Commercial (B, F, S, M)	$776.00
6	Assembly occupancy	$706.00
7	Educational/institutional occupancy	$1,059.00
8	Hazardous occupancy	$918.00
9	High-rise buildings over 75 feet in height	$1,694.00

BUILDING PLAN REVIEW		
TYPE OF REVIEW		FEE[a]
10	Smoke-control rational analysis	$1,412.00
11	High-piled combustible storage	$565.00
12	Site plan review — water and access	$565.00
13	Hazardous materials review (1–50 chemicals)	$776.00
14	Hazardous materials review (> 50 chemicals)	$1,271.00

a. Per plan review.

TABLE QQ104.3(2)

FIRE SPRINKLER PLAN REVIEW			
TYPE OF REVIEW			FEE[a]
1	NFPA 13D fire sprinkler system[b]: one- or two-family dwelling		$565.00
2	NFPA 13R fire sprinkler system[b]: multifamily dwellings		$706.00
3	NFPA 13 fire sprinkler system[b]:		
	a.	≤ 100 heads per system	$565.00
	b.	> 100 heads per system	$847.00
4	Tenant Improvements to NFPA 13 fire sprinkler system[b]:		
	a.	≤ 20 heads with/without calculation	$282.00
	b.	> 20 heads and ≤ 100 heads with/without calculation	$424.00
	c.	>100 heads with/without calculation	$706.00
5	Underground fire protection system[b]:		
	a.	Single hydrant or single riser connection	$353.00
	b.	≥ 2 connections for hydrants and/or risers	$565.00
6	Standpipe system[b] (Class I, II, & III)		$565.00
7	Water storage tank		$565.00
8	Special hazard fire extinguishing foam water spray nozzle system[b]		$565.00
9	Fire pump		$706.00

a. Per plan review.

FIRE SPRINKLER PLAN REVIEW	
TYPE OF REVIEW	**FEE[a]**

b. See NFPA 13 (2022 edition), **A.3.3.216 Sprinkler System**, for explanation of separate systems.

TABLE QQ104.3(3)

FIRE ALARM PLAN REVIEW			
TYPE OF REVIEW			**FEE[a]**
1	Emergency responder communication coverage (ERCC)		$1,129.00
2	Two-way communication system		$565.00
3	Fire alarm system:		
	a.	≤ 10 devices and/or fire sprinkler monitoring system	$282.00
	b.	11–50 devices	$494.00
	c.	51–90 devices	$706.00
	d.	91–130 devices	$847.00
	e.	> 130 devices	$1,366.00
4	Special extinguishing systems: CO_2, foam, clean agent		$424.00
5	Gas detection system		$424.00

a. Per plan review.

TABLE QQ104.3(4)

MISCELLANEOUS PLAN REVIEW		
TYPE OF REVIEW		**FEE[a]**
1	Alternative materials, design and methods of construction and equipment	$553.00
2	Additional plan review after initial review and one resubmittal (per hour)	$141.00
3	Expedited review (each two hours + initial fee)	$282.00
4	Pre-submittal meeting (initial two-hours)	$282.00

MISCELLANEOUS PLAN REVIEW		
TYPE OF REVIEW		FEE[a]
5	Plan review time (per hour) for modifications, re-stamp (minimum 1-hour)	$141.00
6	Petroleum / Chemical Unit plan review	$390.00
7	Aboveground propane/butane tank installation (125–499 gallons)	$565.00
8	Tank installation or removal	$390.00
9	Commercial kitchen hood systems (UL-300)	$293.00
10	Paint spray booth	$293.00
11	Medical gas storage system	$390.00
12	Energy storage system	$565.00
13	Energy storage system, Group R-3 and R-4	$195.00
14	Fuel cell power system	$424.00

a. Per plan review.

QQ104.4 Field inspection fees.

TABLE QQ104.4(1)

NEW CONSTRUCTION FIELD INSPECTION		
TYPE OF INSPECTION		FEE[a]
1	Dwelling, one- and two-family	$390.00
2	Multifamily residence	$390.00
3	Photovoltaic residential	$293.00
4	Photovoltaic commercial	$780.00
5	Commercial (B, F, S, M)	$585.00
6	Assembly occupancy	$585.00
7	Educational/institutional occupancy	$390.00
8	Hazardous occupancy	$488.00
9	High-rise buildings over 75 feet in height	$780.00
10	Smoke-control acceptance test	$1,951.00
11	High-piled combustible storage	$1,171.00

NEW CONSTRUCTION FIELD INSPECTION		
TYPE OF INSPECTION		**FEE[a]**
12	Petroleum / Chemical Unit inspection	$390.00
13	Aboveground propane/butane tank installation (125–499 gallons)	$195.00
14	Tank installation or removal	$488.00
15	Tenant improvements projects not otherwise identified	$390.00

a. Per inspection.

TABLE QQ104.4(2)

FIRE SPRINKLER FIELD INSPECTION			
TYPE OF INSPECTION			**FEE[a]**
1	NFPA 13D fire sprinkler system[b]:		
	a.	One- or two-family dwelling	$390.00
	b.	Tract model one- or two-family dwelling	$390.00
	c.	Tract non-model one- or two-family dwelling	$390.00
2	NFPA 13R fire sprinkler system[b]: multifamily dwellings		$780.00
3	NFPA 13 fire sprinkler system[b]:		
	a.	≤ 100 heads per system	$780.00
	b.	> 100 heads per system	$976.00
4	Tenant Improvements to NFPA 13 fire sprinkler system[b]:		
	a.	≤ 20 heads	$390.00
	b.	> 20 heads and ≤ 100 heads	$585.00
	c.	> 100 heads	$683.00
5	5-year sprinkler recertification		$390.00
6	Underground fire protection system[b]:		
	a.	1–4 connections for hydrants and/or risers	$390.00
	b.	≥ 5 connections for hydrants and/or risers	$780.00
7	Fire-flow test witness/perform		$282.00
8	Water storage tank		$195.00
9	Fire pump acceptance test		$673.00

a. Per inspection.

b. See NFPA 13 (2022 edition), **A.3.3.216 Sprinkler System**, for explanation of separate systems.

TABLE QQ104.4(3)

FIRE ALARM FIELD INSPECTION			
TYPE OF INSPECTION			FEE[a]
1	Fire alarm system:		
	a.	≤ 10 devices and/or fire sprinkler monitoring system	$390.00
	b.	11–50 devices	$585.00
	c.	51–90 devices	$683.00
	d.	91–130 devices	$780.00
	e.	> 130 devices	$988.00

a. Per inspection.

TABLE QQ104.4(4)

SPECIAL SYSTEMS FIELD INSPECTION		
TYPE OF INSPECTION		FEE[a]
1	Emergency responder communication coverage (ERCC)	$1,561.00
2	Two-way communication system	$195.00
3	Commercial kitchen hood systems	$390.00
4	Special extinguishing systems: CO_2, foam, clean agent	$390.00
5	Gas detection system	$390.00
6	Medical gas storage system	$195.00
7	Energy storage system	$390.00

a. Per inspection.

TABLE QQ104.4(5)

FIRE SAFETY FIELD INSPECTION	
TYPE OF INSPECTION	FEE[a]

FIRE SAFETY FIELD INSPECTION		
TYPE OF INSPECTION		FEE[a]
1	State of California Form 850 - Fire Safety Inspection Request	$390.00

a. Per inspection.

TABLE QQ104.4(6)

MISCELLANEOUS FIELD INSPECTION		
TYPE OF INSPECTION		**FEE**
1	Statement-of-intended-use review and inspection (Form 30)	$195.00
2	Additional inspections after initial inspection and one reinspection	$98.00
3	Special / priority inspection (including after-hour, additional technical assistance, and others deemed necessary by the fire code official) — charged per hour	Current hourly fire safety officer (FSO) rate

QQ104.5 Annual inspection fees.

TABLE QQ104.5

ANNUAL FIRE PREVENTION INSPECTION			
TYPE OF INSPECTION			**FEE[a]**
A.)	**Manufacturing**		
	1	25,000 – 50,000 Square Feet	$488.00
	2	50,001 – 100,000 Square Feet	$585.00
	3	100,001 – 250,000 Square Feet	$780.00
	4	>250,000 Square Feet	$1,171.00
B.)	**Warehousing**		
	1	60,001 – 100,000 Square Feet	$585.00
	2	100,001 – 150,000 Square Feet	$780.00
	3	150,001 – 200,000 Square Feet	$976.00
	4	200,001 – 250,000 Square Feet	$1,171.00
	5	250,001 – 500,000 Square Feet	$1,366.00
	6	>500,000 Square Feet	$1,561.00
C.)	**Assembly**		
	1	< 12,500 Square Feet	$390.00
	2	12,501 – 25,000 Square Feet	$488.00
	3	25,001 – 50,000 Square Feet	$585.00

ANNUAL FIRE PREVENTION INSPECTION			
TYPE OF INSPECTION			FEE[a]
	4	50,001 – 75,000 Square Feet	$683.00
	5	>75,000 Square Feet	$780.00
D.)	**High Rise**		
	1	7-10 Stories in Height	$780.00
	2	11-15 Stories in Height	$976.00
	3	16- 20 Stories in Height	$1,171.00
	4	>20 Stories in Height	$1,366.00
E.)	**Petroleum / Chemical Unit Occupancies**		
	1	≤ 25,000 Square Feet	$390.00
	2	25,001 – 50,000 Square Feet	$585.00
	3	50,001 – 75,000 Square Feet	$780.00
	4	75,001 – 100,000 Square Feet	$976.00
	5	>100,000 Square Feet	$1,171.00
F.)	**Elementary / Middle / High Schools**		
	1	< 200 Students	$390.00
	2	201 – 400 Students	$585.00
	3	401 – 700 Students	$780.00
	4	701 – 1,000 Students	$976.00
	5	1,001 – 1,500 Students	$1,171.00
	6	1,501 – 2,500 Students	$1,366.00
	7	>2,500 Students	$1,561.00
G.)	**Private Colleges**		
	1	< 500 Students	$780.00
	2	501 – 1,000 Students	$1,171.00
	3	1,001 – 1,500 Students	$1,561.00
	4	1,501 – 2,000 Students	$1,951.00
	5	2,001 – 3,000 Students	$2,341.00
	6	>3,000 Students	$3,122.00
H.)	**Jails**		
	1	< 2,500 Square Feet	$390.00
	2	2,501 – 5,000 Square Feet	$585.00
	3	5,001 – 10,000 Square Feet	$780.00
	4	10,001 – 50,000 Square Feet	$1,171.00
	5	>50,000 Square Feet	$1,561.00
I.)	**Hospitals, 24-hour clinics, in-patient care and transitional care facilities**		
	1	< 5,000 Square Feet	$585.00
	2	5,001 – 10,000 Square Feet	$780.00

ANNUAL FIRE PREVENTION INSPECTION		
TYPE OF INSPECTION		FEE[a]
3	10,001 – 20,000 Square Feet	$976.00
4	20,001 – 50,000 Square Feet	$1,171.00
5	50,001 – 100,000 Square Feet	$1,561.00
6	>100,000 Square Feet	$2,341.00
7	R-3 Large Family Day Care	$390.00

a. Per inspection.

SECTION 444. Appendix RR is hereby added to read as follows:

APPENDIX RR RIFLE RANGE

RR101 GENERAL

RR101.1 Scope.

Rifle ranges shall comply with the basic fire- and life-safety requirements in this appendix.

RR101.2 Permits.

A permit from the fire code official is required to establish, maintain, or operate a rifle range. Applications for permits shall be referred to the chief law enforcement officer for approval. Permits shall be required as set forth in Sections 105.5 and 105.6.

RR102 DEFINITIONS

RIFLE RANGE. Any indoor or outdoor firing, shooting, or target range established, maintained, or operated for the discharge of a rifle, pistol, revolver, shotgun, or firearm.

RR103 RANGE OFFICER

RR103.1 Supervision.

Rifle ranges shall not be operated or maintained without the supervision of a qualified range officer.

RR103.2 Qualifications.

To qualify as a range officer, individuals shall demonstrate to the fire code official and chief law enforcement officer their knowledge of firearms and ammunition, including the general rules of safety and the provisions of this code relative thereto. Individuals shall possess a valid certificate stating he or she is a qualified range officer.

RR104 AMMUNITION

RR104.1 Inspection and disposal.

Ammunition shall be inspected and approved by the range officer before permission to fire or discharge the same is granted. Ammunition that will not fire or discharge or which is otherwise defective shall be surrendered to the range officer for safe disposal.

RR105 FIRE APPLIANCES

RR105.1 Portable fire appliances.

Rifle ranges shall be equipped with portable fire appliances and other equipment required by the fire code official. Additional fire-prevention measures required by the fire code official shall be provided.

RR106 VEGETATION

RR106.1 Removal.

Rifle ranges, including striking grounds, shall be completely clear of vegetation within a safe distance from the firing line.

RR107 SIGNAGE

RR107.1 Warnings.

Rifle ranges which are not fenced shall be posted with approved warning posters or signs to notify and protect the public from danger.

SECTION 445. FINDINGS IN SUPPORT OF ADOPTION OF MORE RESTRICTIVE BUILDING STANDARDS.

The provisions of this ordinance contain various changes, modifications, and additions to the 2022 California Fire Code. Some of those changes are administrative in nature in that they do not constitute changes or modifications to requirements contained in the building standards adopted by the State Fire Marshal and published in the California Building Standards Code. Pursuant to Health and Safety Code Sections 17958.5, 17958.7, and 18941.5, the Board of Supervisors hereby expressly finds and determines that all of the changes and modifications to requirements contained in the building standards published in the California Building Standards Code, contained in this ordinance, which are not administrative in nature, are reasonably necessary because of local climatic, geological, or topographical conditions in the County of Los Angeles and in the Consolidated Fire Protection District of Los Angeles County ("District"). This expressed finding is supported and based upon the following more specific determinations:

CLIMATIC – The County of Los Angeles/District is located in an area subject to climatic conditions with long periods of low humidity and hot weather, combined with unpredictable seasonal high winds (Santa Ana wind conditions), resulting in increased exposure to fire risk. This combination of events creates an environment that is conducive to rapidly spreading fires. Control of such fires requires rapid response.

With the time that is required to deal with potential obstacles from the wind, such as fallen trees, street lights, and utility poles, in addition to the time required to climb 75 feet vertically up flights of stairs, the ability to respond rapidly is negatively impacted. Additionally, there is a significant increase in the amount of wind at 60 feet above the ground. Use of aerial-type firefighting apparatus above this height would place rescue personnel at increased risk of injury. High winds will also cause burning embers to become airborne resulting in the rapid spread of a fire to nearby structures. Immediate containment of a fire is the only method by which it can be controlled during high wind conditions. In high fire severity zones, a unique combination of low humidity, strong winds, and dry vegetation exists.

GEOLOGICAL – The County of Los Angeles/District is located in the middle of the seismically active area identified as Seismic Zone 4. The viability of the public water system would be questionable at best after a major seismic event. Tall buildings would become vulnerable to uncontrolled fires due to a lack of available water and an inability to pump sufficient quantities of any available water to floors above the 55-foot level. A severe seismic event has the potential to negatively impact any rescue or fire suppression activities because it is likely to create significant physical obstacles and logistical challenges. With the probability of strong aftershocks, there exists a need to provide increased protection for anyone on upper floors.

Geological conditions created by the numerous faults will result in increased fire danger to structures, delayed Fire Department response, and unique rescue challenges. Seismic events of sufficient magnitude will cause substantial damage to structures. These damages are likely to be accompanied by a substantial number of fires that may

exceed the Fire Department suppression capabilities. Accordingly, built-in fire suppression systems provide the only adequate measure to mitigate the potential hazards from and damage caused by such fires.

The County of Los Angeles/District is subject to occasional severe rainstorms. The impacts from these rainstorms are exacerbated if hillside areas have been burned by wildland fires because significant mud and debris flows can occur. Mud and debris flows can impair Fire Department access or delay response times if access roads are obstructed by mud or debris.

TOPOGRAPHICAL – The topographical conditions of the County of Los Angeles/District includes many mountains, hills, and canyons which tend to accelerate the periodic high-velocity winds by means of a Venturi effect. These canyon winds and the significant growth of vegetation of a combustible nature increase the fire danger. Additionally, long periods of dry, hot weather, combined with unpredictable seasonal winds (Santa Ana wind conditions) result in increased exposure to fire risk. The hillside areas have access roads that are narrow, steep, and contain many sharp curves, all of which makes timely response by large fire apparatus difficult.

The specific sections of this code that constitute more restrictive building standards are identified in the table set forth below. The more restrictive building standards contained in this code and identified in the table below shall be applicable only in those cities served by the District which have ratified the aforesaid sections in accordance with California Health and Safety Code Section 13869.

Section	Local Condition	Explanation and Findings
304.1.2 – Vegetation.	Climatic and Topographical	Local amendment requiring brush clearance to maintain defensible space for fire operations that

Section	Local Condition	Explanation and Findings
		is necessary due to the unique climate and topography of the County/District to reduce risk of fire and to minimize the spreading of fire to structures.
314.4 – Vehicles.	Climatic, Geological, and Topographical	Local amendment providing the fuel-amount equivalencies for indoor display of vehicles using alternative fuels and other newer technologies. Necessary due to the increased risks of fire, earthquake movement and damage, and unpredictable power fluctuations that are consequences of the unique climatic, topographical, and geological conditions of the County/District. These factors also complicate response times, water needs and availability, and access.
316.6.1 – Structures.	Climatic, Geological, and Topographical	Imposes additional requirements for the grounding of construction under high-voltage transmission lines to protect property, the public, and fire fighters responding to emergencies. Necessary due to the unique climate and topography of the County/District to reduce risk of fire, to reduce the possibility of fires being causes by downed high-voltage transmission lines, to minimize the spreading of fires that may begin under transmission lines, and to protect fire fighters responding to emergencies under transmission lines. Further necessary because risk of fire is increased due to the prevalence of earthquakes in the County/District.
321 – Artificial Combustible Vegetation.	Administrative	Deletion in order to clarify that neither the State nor the District adopts this section or the sections of Chapter 8 that are referenced by it.
322.3 – Fire safety plan.	Administrative.	Declaratory of existing law for clarification to the code user.
322.4.1 – Limited indoor storage in containers.	Climatic, Geological, and Topographical	Local amendment providing the ability for the fire code official to consider other factors affecting the safety of the placement containers used for the collection of damaged and used lithium-based batteries. These batteries have been identified as a known source of fires, especially when damaged or aged. Necessary due to the increased risks of fire, earthquake damage, and unpredictable power fluctuations that are consequences of the unique climatic, topographical, and geological conditions of the

Section	Local Condition	Explanation and Findings
		County/District. These factors also complicate response times, water needs and availability, and access.
326.7 – Fire protection facilities required.	Climatic, Geological, and Topographical	Local amendment to require fire safety measures including but not limited to water supply, firebreaks, posting of fire watchers, access roads, restriction of activities during high fire hazard and other conditions to maintain reasonable fire safety. Necessary due to the unique climate and topography of the County/District to reduce risk of fire, to reduce the possibility of wildland fires spreading to structures, and to minimize impacts of fire. Further necessary because risk of fire is increased due to the prevalence of earthquakes in the County/District.
326.12.2 – Chimneys.	Climatic and Topographical	Local amendment to reduce the threat of fires by requiring spark arrestors on chimneys that is necessary due to the unique climate and topography of the County/District to reduce risk of fire and to minimize impacts of fire. Such spark arrestors reduce the likelihood of embers exiting a chimney and igniting a fire. These spark arrestors are required by the SFM in both CCR Title 19 and the Building Code.
326.14 – Roadway clearance.	Climatic and Topographical	Local amendment requiring clearance of roadways to provide adequate access for firefighting apparatus, to create defensible space for fire operations, and to reduce the possibility of wildland fires spreading to structures. Necessary due to the unique climate and topography of the County/District.
401.10 – Fire watch procedures, 401.10.1, 401.10.2, 401.10.3, 401.10.4, 401.10.5, 401.10.6.	Climatic, Geological, and Topographical	Provides for consistency in the minimum requirements of a fire watch program. Necessary to ensure adequate response times and actions due to the unique climatic and topographical conditions that increase the risk of fires in fire hazard severity zones. Further necessary because risk of fire is increased due to the prevalence of earthquakes in the County/District.

Section	Local Condition	Explanation and Findings
503.1.1 – Buildings and facilities.	Climatic, Geological, and Topographical	Provides for clarification regarding the determination of the fire code official for certain special circumstances. Necessary to ensure adequate response times and actions due to the unique climatic and topographical conditions that increase the risk of fires in fire hazard severity zones. Further necessary because risk of fire is increased due to the prevalence of earthquakes in the County/District.
503.1.2 – Additional access.	Climatic, Geological, and Topographical	Provides for additional access requirements necessary because of terrain, climate, or other factors that limit access. Necessary to ensure adequate response times due to the unique climatic and topographical conditions that increase the risk of fires in fire hazard severity zones. Further necessary because risk of fire is increased due to the prevalence of earthquakes in the County/District.
503.2.1 – Dimensions, 503.2.1.1, 503.2.1.2, 503.2.1.2.1, 503.2.1.2.2, 503.2.1.2.2.1, 503.2.1.2.2.2	Climatic, Geological, and Topographical	Requires unobstructed clearance to sky on fire apparatus access roads with exception for protected tree species. Necessary to prevent obstruction of access roads by tree limbs or other obstructions and thus allow for quick response times to fires and other emergencies. Necessary to ensure adequate response times due to the unique climatic and topographical conditions that increase the risk of fires in fire hazard severity zones. Requires sufficient fire apparatus access road widths and the location of said roads in respect to buildings. Necessary because risk of fire and collapse is increased due to the prevalence of earthquakes in the County/District.
503.2.4 – Turning radius, 503.2.5 – Dead-ends, 503.2.7 – Grade.	Climatic, Geological, and Topographical	Provides for more stringent width, turning radius, and grade specifications for access roads to ensure access for fire apparatus. Necessary due to unique climatic and topographical conditions that increase the risk of fires. Further necessary because risk of fire is increased due to the prevalence of earthquakes in the County/District.

Section	Local Condition	Explanation and Findings
503.4 – Obstruction of fire apparatus access roads.	Climatic, Geological, and Topographical	Adds speed bumps and speed humps to list of prohibited obstructions to fire apparatus access roads. Speed bumps and speed humps reduce response times to fires and other emergencies because fire apparatus have to slow down to pass over them or drive around them. Necessary to ensure adequate response times due to the unique climatic and topographical conditions that increase the risk of fires in fire hazard severity zones. Further necessary because risk of fire is increased due to the prevalence of earthquakes in the County/District.
503.4.1 – Traffic-calming devices.	Climatic, Geological, and Topographical	Requires fire code official approval to install traffic calming devices such as speed bumps and speed humps. Such devices can reduce response times to fires and other emergencies. Necessary to ensure adequate response times due to the unique climatic and topographical conditions that increase the risk of fires in fire hazard severity zones. This section is necessary because the risk of fire is increased due to the prevalence of earthquakes in the County/District.
503.6 – Gates.	Climatic, Geological, and Topographical	Requires gates placed across fire apparatus access roads meet parameters to ensure emergency access widths and operability. Necessary due to the increased risks of fire, earthquake damage, and electrical power interruption that are consequences of the unique climatic, topographical, and geological conditions of the County/District.
503.7 – Fire apparatus access roads in recreational vehicle, mobilehome, manufactured housing, sales lots, and storage lots.	Climatic, Geological, and Topographical	Requires fire apparatus access roads in recreational vehicle, mobilehome, manufactured housing, sales lots, and storage lots. Necessary to ensure adequate water supply and access to such locations due to the unique climatic and topographical conditions that increase the risk of fires in fire hazard severity zones. Further necessary because the risk of fire is increased due to the prevalence of earthquakes in the County/District.
503.8– Fire apparatus access roads in mobilehome parks and	Climatic, Geological, and Topographical	Requires additional fire apparatus access roads in mobilehome parks and special occupancy parks. Necessary to ensure adequate water supply and access to such locations due to the unique climatic and topographical conditions that

Section	Local Condition	Explanation and Findings
special occupancy parks.		increase the risk of fires in fire hazard severity zones. Further necessary because risk of fire is increased due to the prevalence of earthquakes in the County/District.
504.5 – Rooftop barriers and parapets.	Climatic, Geological, and Topographical	Provides for emergency access to and egress from the roof in the event of fire or other emergency. Necessary because of increased danger of fire in the County/District due to unique climatic, geological, and topographical conditions.
506.1 – Where required.	Climatic, Geological, and Topographical	Local amendment providing for access to structures or areas where immediate access is necessary for life-saving or fire-fighting purposes. Necessary due to the increased risks of fire, earthquake damage, and unpredictable power fluctuations that are consequences of the unique climatic, topographical, and geological conditions of the County/District. These factors also complicate response times, water needs and availability, and access.
507.2.2 – Water tanks.	Climatic, Geological, and Topographical	Requires installation and maintenance standards for water tanks providing water for fire protection. Extends certain requirements to associated support structures and piping. Necessary due to the increased risks of fire and exposure that are consequences of the unique climatic, topographical, and geological conditions of the County/District. These unique conditions also increase emergency response times, thereby increasing the time during which these water tank systems must remain in functional order.
507.5.10 – Draft system identification sign.	Climatic, Geological, and Topographical	Provides posting of sign to notify Fire Department of draft hydrants, including those for swimming pools and spas in fire hazard severity zone. Necessary because of unique climatic and topographical conditions that increase the risk of fires in fire hazard severity zones. Further necessary because risk of fire is increased due to the prevalence of earthquakes in the County/District.
509.1.1 – Utility and hazardous equipment identification, 509.2 –	Climatic, Geological, and Topographical	Provides for identification and access to the disconnection means that are required for hazardous equipment and/or energy sources serving structures, as necessary for the protection of life and for fire-fighting purposes. Necessary due to the increased risks of fire,

Section	Local Condition	Explanation and Findings
Equipment and disconnection-means access, 509.3		earthquake damage, and unpredictable power fluctuations that are consequences of the unique climatic, topographical, and geological conditions of the County/District. These factors also complicate response times, water needs and availability, and access.
510.1 – Emergency responder communication coverage (ERCC) in new buildings.	Administrative	Clarifies how the fire code official will make the determination that is required of them by the State code.
510.4.1, 510.4.1.1, 510.4.1.2, 510.4.2, 510.4.2.3, 510.5, 510.5.1, 510.5.4, 510.6, 510.6.2 – Emergency responder communication coverage.	Climatic, Geological, and Topographical	When the circumstances of a structure necessitate emergency responder communication coverage systems, this amendment specifies “critical areas” of the building, referred to in the State code, at which it is critical that emergency personnel have radio coverage. This list of areas is built upon the list of areas that are required to be served when a wired system is installed in lieu of an emergency responder radio coverage system. Systems are required to be provided with standby power for a duration of time. Amendment also clarifies required design standards otherwise left up to determination by the fire code official. Necessary due to the increased risks of fire, earthquake movement and damage, and electrical power interruption that are consequences of the unique climatic, topographical, and geological conditions of the County/District. Further necessary due to the artificial topographical physical features of a structure or area that limit and/or interfere with emergency radio communications for first responders.
603.4 – Working space and clearances.	Climatic, Geological, and Topographical	Provides for maintenance of the working clearances that are required to be maintained about electrical equipment such as electrical panels and other equipment specified by the Electrical Code. Necessary due to the increased risks of fire, earthquake damage, and unpredictable power fluctuations that are consequences of the unique climatic, topographical, and geological conditions of the

Section	Local Condition	Explanation and Findings
		County/District. These factors also complicate response times, water needs and availability, and access.
603.4.1 – Electrical signage and labeling.	Climatic, Geological, and Topographical	Provides clarification of the interpretation of this section, and reference to the related section of code. Necessary due to the increased risks of fire, earthquake damage, and unpredictable power fluctuations that are consequences of the unique climatic, topographical, and geological conditions of the County/District. These factors also complicate response times, water needs and availability, and access.
604.4 – Emergency signs.	Climatic, Geological, and Topographical	Provides guidance with local criteria that the fire code official will use in making the determination required of them by this section. Necessary due to the increased risks of fire, earthquake damage, and unpredictable power fluctuations that are consequences of the unique climatic, topographical, and geological conditions of the County/District. These factors also complicate response times, water needs and availability, and access.
901.6 – Inspection, testing, and maintenance.	Climatic, Geological, and Topographical	Prohibits obstruction or impairment of fire protection and life safety system equipment, including initiating devices, alarm notification appliances, and annunciators. Necessary due to the increased risks of fire, earthquake damage, and unpredictable power fluctuations that are consequences of the unique climatic, topographical, and geological conditions of the County/District. These factors also complicate response times, water needs and availability, and access.
901.6.4 – Aboveground controls and valves for water-based fire protection systems.	Climatic, Geological, and Topographical	Introductory section to Sections 901.6.4.1 through 901.6.4.4. Necessary due to the increased risks of fire, earthquake damage, and unpredictable power fluctuations that are consequences of the unique climatic, topographical, and geological conditions of the County/District. These factors also complicate response times, water needs and availability, and access.
901.6.4.1 – Signage.	Climatic, Geological, and Topographical	Provides signage requirements for water-control valves to facilitate fire-fighter identification and use of said valves in an emergency. Necessary

Section	Local Condition	Explanation and Findings
		because of unique climatic and topographical conditions that increase the risk of fires in fire hazard severity zones. Further necessary because risk of fire is increased due to the prevalence of earthquakes in the County/District.
901.6.4.2 – Locks.	Climatic, Geological, and Topographical	Provides for the security, and accessibility to proper authorities, of water-based fire protection systems. Necessary due to the increased risks of fire, earthquake damage, and unpredictable power fluctuations that are consequences of the unique climatic, topographical, and geological conditions of the County/District. These factors also complicate response times, water needs and availability, and access.
901.6.4.3 – Painting identification.	Climatic, Geological, and Topographical	Provides for the identification and maintenance of water-based fire protection systems. Necessary due to the increased risks of fire, earthquake damage, and unpredictable power fluctuations that are consequences of the unique climatic, topographical, and geological conditions of the County/District. These factors also complicate response times, water needs and availability, and access.
901.6.4.4 – Clear space.	Climatic, Geological, and Topographical	Provides clearance requirements for water-control valves to facilitate fire-fighter identification and use of said valves in an emergency. Necessary because of unique climatic and topographical conditions that increase the risk of fires in fire hazard severity zones. Further necessary because risk of fire is increased due to the prevalence of earthquakes in the County/District.
903.2.8 – Group R.	Climatic, Geological, and Topographical	Requires that fire sprinklers be installed in mobilehomes and manufactured homes located outside of mobilehome parks. Necessary due to the increased risks of fire and exposure that are consequences of the unique climatic, topographical, and geological conditions of the County/District.
903.2.11.7 – Occupancies in fire hazard severity zones and within the San Gabriel	Climatic, Geological, and Topographical	Provides an additional level of protection to occupancies in case of a fire by requiring installation of automatic fire sprinklers. Necessary because of unique climatic and topographical conditions that increase the risk of catastrophic fires in fire hazard severity zones

Section	Local Condition	Explanation and Findings
Southface Area or Malibu–Santa Monica Mountains Area.		and due to the topography that reduces response times to fires. Further necessary because risk of fire is increased due to the prevalence of earthquakes in the County/District.
903.4.2, 903.4.2.1 – Remote annunciator.	Climatic, Geological, and Topographical	Provides for fire-fighter access to the alarm system information/status where necessary due to otherwise being inaccessible or inapparent. Necessary due to the increased risks of fire, earthquake damage, and unpredictable power fluctuations that are consequences of the unique climatic, topographical, and geological conditions of the County/District. These factors also complicate response times, water needs and availability, and access.
904.1.1 – Certification of service personnel for fire-extinguishing equipment	Administrative.	Clarification to the code user that neither the Consolidated Fire Protection District of Los Angeles County, nor the State of California adopt this section.
904.3.5 – Monitoring.	Climatic, Geological, and Topographical	Requires monitoring of all automatic fire-extinguishing systems when a sprinkler monitoring system is otherwise required. Necessary due to the increased risks of fire and exposure that are consequences of the unique climatic, topographical, and geological conditions of the County/District.
905.2.1 – Class I standpipes.	Climatic	Construction and installation requirements for Class I standpipes to ensure adequate fire protection systems and water supply due to fires in the hot and windy climate of the County/District.
905.4 – Location of Class I standpipe hose connections, 905.4.3.	Climatic	Installation/Regulation of Fire Protection System to ensure proper location of hose connection to control fires in the hot and windy climate of the County/District.

Section	Local Condition	Explanation and Findings
905.5.3 – Class II system 1½-inch hose.	Climatic	Installation and regulation of interior wet standpipes to ensure adequate fire protection system due to fires in the hot and windy climate of the County/District.
905.9 – Riser shutoff valve supervision and drain.	Climatic	Additional requirements to fire protection system for testing, maintenance, and operation. Necessary because of increased danger of fire in the County/District due to hot and windy conditions.
905.13 – Standpipe diameter.	Climatic	Size requirements for Class III standpipes to ensure adequate fire protection system. Necessary because of increased danger of fire in the County/District due to hot and windy conditions.
910.2 – Where required.	Climatic and geological	Requires smoke and heat removal for buildings. Necessary to increase ability of fire fighters to respond to, and fight, fires in buildings. Necessary because of increased danger of fire in the County/District due to hot and windy conditions and the prevalence of earthquakes in the County/District.
910.2.3 – Group S-2.	Climatic, Geological, and Topographical	Requires smoke and heat removal for basement-level parking garages. Necessary to increase ability of fire fighters to respond to fires in parking garages. Necessary due to the increased risks of fire and earthquake damage that are consequences of the unique climatic, topographical, and geological conditions of the County/District. Further necessary due to the artificial topographical physical features of a structure or area that limit and/or interfere with the ability of emergency responders to protect life, property, and the environment.

Section	Local Condition	Explanation and Findings
910.3 – Smoke and heat vent design and installation. 910.3.2, 910.3.4, 910.3.4.1, 910.3.4.2, 910.3.4.2.1, 910.3.4.2.2, 910.3.4.3 910.3.5.	Climatic, Geological, and Topographical	Requirements for smoke and heat vents in buildings. Necessary due to the increased risks of fire and earthquake damage that are consequences of the unique climatic, topographical, and geological conditions of the County/District. Further necessary due to the artificial topographical physical features of a structure or area that limit and/or interfere with the ability of emergency responders to protect life, property, and the environment.
910.4.3, 910.4.4 – Mechanical smoke removal systems.	Geological	Requirements for smoke and heat vents and mechanical smoke removal systems in buildings. Necessary because of increased danger of fire in the County/District due to seismic concerns with potential water supply issues.
912.2 – Location.	Geological and Topographical	Requires that more than one fire department connection may be required. Necessary due to natural and artificial local topography, and the effects of seismic activity that could limit and/or interfere with the ability of emergency responders to access certain locations.
912.2.1 – Visible location.	Climatic, Topographical, Geological	Requires fire department connections to be located within 150 feet of a public fire hydrant and at a safe distance from the building. Necessary because of increased danger of fire in the County/District due to hot and windy conditions. Further necessary because the risk of fire is increased due to the prevalence of earthquakes in the County/District.
912.7 – Inspection, testing and maintenance.	Climatic, Geological, and Topographical	Clarifies where provisions for signage, painting, hose threads, physical protection, and clear space, for fire department connections, shall apply. Necessary due to the increased risks of fire, earthquake damage, and unpredictable power fluctuations that are consequences of the unique climatic, topographical, and geological conditions of the County/District. These factors also complicate response times, water needs and availability, and access.
912.8 – Identification	Climatic, Topographical	Requires red paint on fire department connections subject to rust or corrosion to identify

Section	Local Condition	Explanation and Findings
— paint color.		them to fire fighters and protect from the elements. Necessary because of increased danger of fire in the County/District due to hot and windy conditions.
912.9 – Breakable caps or plugs.	Climatic, Topographical	Requires breakable caps or plugs for fire hose couplings to protect them from the elements and to ensure easy access to the fire department connection during fires. Necessary because of increased danger of fire in the County/District due to hot and windy conditions.
914.9.1 – Spray booths.	Climatic	Requires spray booths to have automatic fire sprinkler system protection under specified conditions. Necessary because of increased danger of fire in the County/District due to hot and windy conditions. Further necessary because the risk of fire is increased due to the prevalence of earthquakes in the County/District.
1032.4 – Exit signs, 1032.4.1, 1032.4.2, 1032.4.3	Climatic, Geological, and Topographical	Requirements for minimum exit signage maintenance, including a bringing-to-one-location of existing CA requirements scattered about the code and/or providing reference thereto. Addresses warnings against elevator use in an emergency, and stairway access. Necessary to ensure proper notice and evacuation in case of fire or other emergency. Necessary because of increased danger of fire in the County/District due to hot and windy conditions. Further necessary because risk of fire and need for evacuation is increased due to the prevalence of earthquakes in the County/District.
1103.11 – Fire department access.	Climatic, Geological, and Topographical	Clarifies where provisions for fire department access apply, including reference to a related section of the code. Necessary due to the increased risks of fire, earthquake damage, and unpredictable power fluctuations that are consequences of the unique climatic, topographical, and geological conditions of the County/District. These factors also complicate response times, water needs and availability, and access.
1203.2.3 – Emergency responder communicatio n coverage	Climatic, Geological, and Topographical	Maintains current level of safety by maintaining current standby-power capacity duration for emergency responder communication coverage systems. Necessary due to the increased risks of fire, earthquake damage, and unpredictable

Section	Local Condition	Explanation and Findings
systems.		power fluctuations that are consequences of the unique climatic, topographical, and geological conditions of the County/District. These factors also complicate response times, water needs and availability, and access.
1203.2.5 – Exhaust ventilation.	Climatic, Geological, and Topographical	Maintains current level of safety by maintaining current standby-power capacity duration for electrical energy storage system mechanical exhaust ventilation systems. Necessary due to the increased risks of fire, earthquake damage, and unpredictable power fluctuations that are consequences of the unique climatic, topographical, and geological conditions of the County/District. These factors also complicate response times, water needs and availability, and access.
1203.2.7 – Gas detection systems.	Climatic, Geological, and Topographical	Corrects reference number for section addressing exhaust ventilation for electrical energy storage systems. Necessary due to the increased risks of fire, earthquake damage, and unpredictable power fluctuations that are consequences of the unique climatic, topographical, and geological conditions of the County/District. These factors also complicate response times, water needs and availability, and access.
1204.4 – Grounding.	Climatic, Geological, and Topographical	Clarifies when grounding will be required of portable generators. Necessary due to the increased risks of fire, earthquake damage, and unpredictable power fluctuations that are consequences of the unique climatic, topographical, and geological conditions of the County/District. These factors also complicate response times, water needs and availability, and access.
1205.2 – Access and pathway.	Climatic, Geological, and Topographical	Clarifies that exceptions to access and pathway requirements may not negate the ability of occupants to reliably identify escape and rescue pathways and avoid electrified components therein. Necessary due to the increased risks of fire, earthquake damage, and unpredictable power fluctuations that are consequences of the unique climatic, topographical, and geological conditions of the County/District. These factors also complicate response times, water needs and

Section	Local Condition	Explanation and Findings
		availability, and access.
1205.4 – Buildings with rapid shutdown.	Climatic, Geological, and Topographical	Provides reference to the related section of code. Necessary due to the increased risks of fire, earthquake damage, and unpredictable power fluctuations that are consequences of the unique climatic, topographical, and geological conditions of the County/District. These factors also complicate response times, water needs and availability, and access.
1205.5.1 – Vegetation control.	Climatic, Geological, and Topographical	Clarifies where this maintenance provision applies. Necessary due to the increased risks of fire, earthquake damage, and unpredictable power fluctuations that are consequences of the unique climatic, topographical, and geological conditions of the County/District. These factors also complicate response times, water needs and availability, and access.
1206.10 – Manual shutoff.	Climatic, Geological, and Topographical	Provides reference to the related section of code, and harmonizes this section thereto. Necessary due to the increased risks of fire, earthquake damage, and unpredictable power fluctuations that are consequences of the unique climatic, topographical, and geological conditions of the County/District. These factors also complicate response times, water needs and availability, and access.
1207.1.2 – Permits, 1207.1.3, 1207.1.4, 1207.1.4.1, 1207.1.4.2, 1207.1.5, 1207.1.7.	Climatic, Geological, and Topographical	Require approved permitting for electrical energy storage systems (ESS), including criteria/clarification regarding hazard mitigation analysis and special approvals beyond what the code allows by default. Necessary due to the increased risks of fire, earthquake damage, and unpredictable power fluctuations that are consequences of the unique climatic, topographical, and geological conditions of the County/District. These factors also complicate response times, water needs and availability, and access.
1207.3.4, 1207.3.4.1, 1207.3.5	Climatic, Geological, and Topographical	Specifies design and installation requirements for electrical energy storage systems (ESS). Necessary due to the increased risks of fire, earthquake damage, and unpredictable power fluctuations that are consequences of the unique climatic, topographical, and geological conditions of the County/District. These factors also

Section	Local Condition	Explanation and Findings
		complicate response times, water needs and availability, and access.
1207.4 – General installation requirements, 1207.4.1, 1207.4.2, 1207.4.7, 1207.4.8 – Signage.	Climatic, Geological, and Topographical	Specifies/clarifies location, separation, and signage requirements for electrical energy storage systems (ESS). Provides clarification and reference to other code requirements already applicable to these installations. Necessary due to the increased risks of fire, earthquake damage, and unpredictable power fluctuations that are consequences of the unique climatic, topographical, and geological conditions of the County/District. These factors also complicate response times, responding resources, water needs and availability, and access.
1207.5.2, 1207.5.8, Table 1207.7, 1207.7.1, 1207.7.2, 1207.7.3, 1207.7.4, 1207.8.3, 1207.8.4.	Climatic, Geological, and Topographical	Specifies/clarifies location and separation requirements for electrical energy storage systems (ESS). Maintains preexisting safety levels. Necessary due to the increased risks of fire, earthquake damage, and unpredictable power fluctuations that are consequences of the unique climatic, topographical, and geological conditions of the County/District. These factors also complicate response times, water needs and availability, and access.
1207.4.13, 1207.5.4 – Fire detection, 1207.6.1.1, 1207.6.1.2, 1207.6.1.2.1, 1206.1.2.2, 1207.6.1.2.3 1207.6.1.2.4.	Climatic, Geological, and Topographical	Specifies requirements for fire-extinguishing systems, ventilation, standby power, gas detection, explosion control, and the ability to release energy, for electrical energy storage systems (ESS). Includes references to the code sections regarding fire department connections and hydrants. Necessary due to the increased risks of fire, earthquake damage, and unpredictable power fluctuations that are consequences of the unique climatic, topographical, and geological conditions of the County/District. These factors also complicate response times, water needs and availability, and access.
Table 1207.6, 1207.6.1.1– 1207.6.1.2.4.	Climatic, Geological, and Topographical	Specifies design and installation requirements for various battery technologies used in electrical energy storage systems (ESS). Necessary due to the increased risks of fire, earthquake damage, and unpredictable power fluctuations that are consequences of the unique climatic,

Section	Local Condition	Explanation and Findings
		topographical, and geological conditions of the County/District. These factors also complicate response times, water needs and availability, and access.
1207.6.3 – Explosion control.	Administrative	Corrects typo to reference therein to a section within Chapter 1, which was reorganized in 2021/2022.
1207.4.6 – Combustible storage, 1207.5.7 – Vegetation.	Climatic, Geological, and Topographical	Clarifies that combustible storage within ESS cabinets and enclosures is not allowed, and that vegetation maintenance (operational) requirements for electrical energy storage systems (ESS) apply to both new and existing installations. Necessary due to the increased risks of fire, earthquake damage, and unpredictable power fluctuations that are consequences of the unique climatic, topographical, and geological conditions of the County/District. These factors also complicate response times, water needs and availability, and access.
1207.9.4, 1207.9.5.	Climatic, Geological, and Topographical	Addresses special installations of battery energy storage systems (ESS), including those on rooftops and in parking garages. Necessary due to the increased risks of fire, earthquake damage, and unpredictable power fluctuations that are consequences of the unique climatic, topographical, and geological conditions of the County/District. These factors also complicate response times, water needs and availability, and access.
Table 1207.10, 1207.10.6, 1207.10.7.2, 1207.10.7.3, 1207.10.7.6.	Climatic, Geological, and Topographical	Addresses mobile versions of electrical energy storage system (ESS) installations. Necessary due to the increased risks of fire, earthquake damage, and unpredictable power fluctuations that are consequences of the unique climatic, topographical, and geological conditions of the County/District. These factors also complicate response times, water needs and availability, and access.
1207.11, 1207.11.1, 1207.11.2.1, 1207.11.3, 1207.11.3.1,	Climatic, Geological, and Topographical	Addresses installations of battery energy storage systems in Group R-3 and R-4 occupancies. Maintains and clarifies standing requirements in the jurisdiction in order to maintain minimum levels of safety regarding explosion, fire, and

Section	Local Condition	Explanation and Findings
1207.11.4, 1207.11.5.1, 1207.11.6, 1207.11.7, 1207.11.7.1, Figure 1207.11.7.1, 1207.11.7.2, 1207.11.7.3, 1207.11.7.4, 1207.11.7.4.1, 1207.11.7.4.2, 1207.11.8.		toxic gas hazards, both for the property in question and that of neighboring properties. Necessary due to the increased risks of fire, earthquake damage, and unpredictable power fluctuations that are consequences of the unique climatic, topographical, and geological conditions of the County/District. These factors also complicate response times, responding resources, water needs and availability, and access.
2007.9 – Emergency Helicopter Landing Facility (EHLF), 2007.9.1.	Climatic and Topographical	Provides for public safety by an evacuation/landing area on high-rise buildings and the maintenance thereof. Necessary due to large number of high-rise buildings in the County/District and difficulty in evacuating high-rise buildings, and getting resources thereto, in case of fire or other emergency.
2007.10 – Ground-based helicopter facilities, 2007.10.1 – Surface.	Climatic, Geological, and Topographical	Provides design standards for helistops and heliports, primarily for establishment in fire hazard severity zones, to enable helicopters and associated water tenders and support equipment to safely operate to conduct operations to combat fires and render other services in those areas. Necessary because of increased danger of fire in the County/District due to hot and windy conditions and topography that hinders the ability for fire apparatus to gain access to remote portions of the County/District. Further necessary due to the increased risks of earthquake damage that complicate response times, water needs and availability, and access.

Section	Local Condition	Explanation and Findings
2007.10.2 – Hydrant.	Climatic; Topographical	Requires a hydrant next to helistops and heliports, especially in fire hazard severity zones, to enable helicopters to fill their tanks to facilitate water drops on wildland fires in those areas, and for response to aviation accidents. Necessary because of increased danger of fire in the County/District due to hot and windy conditions and topography that hinders the ability for fire apparatus to gain access to remote portions of the County/District.
2007.10.3 – Access.	Climatic; Topographical	Adopts requirements for fire apparatus access to helistops and heliports, especially in fire hazard severity zones, to enable support equipment and apparatus associated with helicopter operations to combat fires and render other services in those areas. Necessary because of increased danger of fire in the County/District due to hot and windy conditions and topography that hinders the ability for fire apparatus to gain access to remote portions of the County/District.
2007.11 – Maintenance, 2007.11.1 – Fire Department permit required.	Climatic, Geological, and Topographical	Requires maintenance of the safe and necessary functionality of a new or existing helicopter facility intended to some extent for emergency Fire Department use. Where such functionality or availability is impaired, a permit and/or notification is required. Necessary because of increased danger of fire in the County/District due to hot and windy conditions; and both topography and seismic geological activity that hinders the ability for fire apparatus to gain access to portions of the County/District, including for patient care.
2203.3 – Dust-collection systems.	Climatic, Geological, and Topographical	Clarifies applicability of this provision, corrects reference error by the State, and maintains the required interlock provision. Necessary due to the increased risks of fire, earthquake damage, and unpredictable power fluctuations that are consequences of the unique climatic, topographical, and geological conditions of the County/District. These factors also complicate response times, water needs and availability, and access.
2203.4.2 – Static electricity.	Climatic, Geological, and Topographical	Maintains the requirement for permanent grounding or bonding in accordance with approved standards. Necessary due to the

Section	Local Condition	Explanation and Findings
		increased risks of fire, earthquake damage, and unpredictable power fluctuations that are consequences of the unique climatic, topographical, and geological conditions of the County/District. These factors also complicate response times, water needs and availability, and access.
2404.4 – Fire protection.	Climatic	Provides for spray booths to be equipped with automatic fire sprinklers. Necessary because of increased danger of fire in the County/District due to hot and windy conditions.
2504.6, 2507.2 –FRUIT AND CROP RIPENING	Climatic and Geological	Provides requirements for fruit and crop ripening operations to prevent ignition of ethylene gas and reduce risk of fire and explosion. Necessary because of increased danger of fire in the County/District due to hot and windy conditions and to reduce risk of fires and explosion from earthquakes.
3104.5 – Helicopter landing facilities.	Climatic, Geological, and Topographical	Provides notice within the section concerning tents and temporary membrane structures that consideration must be given to nearby helicopter landing facilities so as not to interfere with their safe and necessary functionality. Necessary because of increased danger of fire in the County/District due to hot and windy conditions; and both topography and seismic geological activity that hinders the ability for ground-based fire apparatus to gain access to portions of the County/District, including for patient care.
3107.15.2.1 – Quantity limit.	Climatic, Geological, and Topographical	Harmonizes the code by providing reference to the related section of the code. Necessary because of increased danger of fire in the County/District due to hot and windy conditions; and both topography and seismic geological activity that hinders the ability for ground-based fire apparatus to gain access to portions of the County/District, including for patient care.
3107.18 – Combustible vegetation.	Climatic and Topographic	Increased clearance requirements for combustible vegetation near tents and membrane structures. Necessary to increase fire and life safety around such structures and to create defensible space. Necessary because of fire risk due to climate and unique topography of the County/District.

Section	Local Condition	Explanation and Findings
TABLE 3206.2	Climatic and Geological	Removes an exception for smoke and heat removal in high-piled combustible storage. Necessary because of unique climatic conditions that increase the risk of fires. Further necessary because risk of fire is increased due to the prevalence of earthquakes in the County/District.
3305.5.2.1 – Duties.	Climatic, Geological, and Topographical	Harmonizes this new provision to the other longstanding requirements for fire watch within the code. Necessary because of increased danger of fire in the County/District due to hot and windy conditions; and both topography and seismic geological activity that hinders the ability for ground-based fire apparatus to gain access to portions of the County/District, including for patient care.
3505.9 – Flashback prevention.	Geological	Requires protective devices to be installed on fuel gas and oxygen lines to increase safety and reduce risk of explosion and fire. Necessary because risk of leaks or tank failure is increased due to the prevalence of earthquakes in the County/District.
4801.3 – DEFINITIONS.	Climatic, Geological, and Topographical	Clarifies the interpretation of the code for the code user. Necessary because of increased danger of fire in the County/District due to hot and windy conditions; and both topography and seismic geological activity that hinders the ability for ground-based fire apparatus to gain access to portions of the County/District, including for patient care.
4902.1 – General.	Climatic, Geological, and Topographical	Provides definitions by which to clarify the interpretation of the code for the code user. Necessary because of increased danger of fire in the County/District due to hot and windy conditions; and both topography and seismic geological activity that hinders the ability for ground-based fire apparatus to gain access to portions of the County/District, including for patient care.
4906.2 – Application.	Climatic, Geological, and Topographical	Serves to clarify the interpretation of the code for the code user. Necessary because of increased danger of fire in the County/District due to hot and windy conditions; and both topography and seismic geological activity that hinders the ability for ground-based fire apparatus to gain access to portions of the County/District, including for

Section	Local Condition	Explanation and Findings
		patient care.
4906.3 – Landscape Plans, 4906.3.1 – Contents.	Climatic, Geological, and Topographical	Original content is being moved to become subsections of 4906.3, and these sections are being utilized to explain the administrative procedures for fuel modification plans in fire hazard severity zones within the jurisdiction. Necessary because of increased danger of fire in the County/District due to hot and windy conditions; and both topography and seismic geological activity that hinders the ability for ground-based fire apparatus to gain access to portions of the County/District, including for patient care.
4906.3.2 – Penalties, 4906.3.3 – Appeals, 4906.3.4 Fuel modification plan review fee schedule.	Administrative	Provide administrative procedures regarding the fuel modification plan process.
4906.3.5, 4906.3.5.1, 4906.4, 4906.4.1, 4906.4.2, 4906.4.2.1.	Administrative	Renumbering of code sections for harmonization with longstanding local provisions within which these processes (newly described by new State language) have and will continue to take place.
4907.3 – Requirements.	Administrative	Provides reference to other applicable codes; declaratory of existing law.
4907.3 – Requirements.	Climatic and Topographical	Local amendment providing notice of preexisting requirement that defensible space shall also comply with vegetation clearance requirements elsewhere in the Fire Code (e.g., for LPG tanks, PV, and ESS), as well as specifically within Chapter 3 of this code. Necessary due to the unique climate and topography of the County/District to reduce risk of fire and to minimize impacts of fire in Fire Hazard Severity Zone.
5003.11.3.8 – Floors.	Climatic and Geological	Creates requirements for floors in buildings where hazardous materials are used or stored. Necessary to increase fire and life safety and to minimize fire danger from hazardous materials. Necessary because risk of fire and spillage of hazardous materials is increased due to the

Section	Local Condition	Explanation and Findings
		prevalence of earthquakes in the County/District.
5704.2.8.3 – Secondary containment.	Geological	Requires secondary containment of flammable and combustible liquids that are necessary to increase fire and life safety and to prevent fires involving flammable and combustible liquids from spreading. Necessary because risk of leaks or tank failure is increased due to the prevalence of earthquakes in the County/District.
5704.2.8.16.1 – System requirements.	Climatic and Geological	Requires foam deluge system. Necessary because of increased danger of fire in the County/District due to climatic conditions and because risk of leaks or tank failure is increased due to the prevalence of earthquakes in the County/District.
5704.2.9.1.1 – Required foam fire protection systems.	Geological and Climatic	Requires all existing aboveground tanks exceeding 1,500 square feet of liquid surface area used for the storage of Class I or Class II flammable liquids to be provided with foam fire protection. Necessary because of increased danger of fire in the County/District due to climatic conditions and because risk of leaks or tank failure is increased due to the prevalence of earthquakes in the County/District.
5704.2.9.6.1.3 – Location of tanks for boilover liquids.	Geological and Climatic	Provides for additional spacing between tanks to reduce fire danger and help prevent fire from spreading to adjacent tanks. Necessary because of increased danger of fire in the County/District due to climatic conditions and because risk of leaks or tank failure is increased due to the prevalence of earthquakes in the County/District.
5704.3.7.6 – Construction.	Geological and Climatic	Construction and fire access requirements for liquid storage rooms. Necessary because of increased danger of fire in the County/District due to climatic conditions and because risk of explosion or container failure is increased due to the prevalence of earthquakes in the County/District.
5706.5.1.1 – Location.	Geological and Climatic	Provides increased distances for bulk transfer and process transfer operations so that they are farther away from the public and other buildings. Necessary because of increased danger of fire in the County/District due to climatic conditions and because risk of leaks or tank failure is increased due to the prevalence of earthquakes in the County/District.

Section	Local Condition	Explanation and Findings
5706.5.1.19 – Liquid transfer.	Geological and Climatic	Class I, II, or III liquids shall be transferred from a tank vehicle or tank car only into an approved atmospheric tank or approved portable tank. Necessary because of increased danger of fire in the County/District due to climatic conditions and because risk of leaks or tank failure is increased due to the prevalence of earthquakes in the County/District.
6104.4 – Multiple LP-gas container installations.	Geological and Climatic	Requirements for LP-gas storage tank distances. Necessary because of increased danger of fire in the County/District due to climatic conditions and because risk of leaks or tank failure is increased due to the prevalence of earthquakes in the County/District.
CHAPTER 81 – AUTOMOBILE WRECKING YARDS 8104 – Fire apparatus access roads. 8106 – Housekeeping. 8108 – Tires. 8110.4 – Batteries.	Climatic, Geological, and Topographical	Creates requirements for fire access roads and storage requirements for tire storage in automobile wrecking yards to enable fire apparatus and fire fighters to gain access to fight fires and respond to emergencies. Necessary due to the increased risks of fire, earthquake damage, and unpredictable power fluctuations that are consequences of the unique climatic, topographical, and geological conditions of the County/District. These factors also complicate response times, water needs and availability, and access.
CHAPTER 82 – INFRACTIONS.	Administrative	Lists the violations deemed to be infractions rather than the standard misdemeanor required by the provisions of Chapter 1.
CHAPTER 83 – CONSOLIDATED FIRE PROTECTION DISTRICT OF LOS ANGELES COUNTY FIRE CODE	Administrative	Declaration of this code as the Fire Code for the Consolidated Fire Protection District of Los Angeles County (“District”).
APPENDIX B, Section B105.1 – One- and two-family	Topographical and Climatic	Provides for increased minimum fire-flow in fire hazard severity zones to allow for more water to be available to fight fires. Necessary because of increased danger of fire in the County/District due

Section	Local Condition	Explanation and Findings
dwellings, Group R-3 and R-4 buildings and townhouses.		to climatic and topographical conditions.
APPENDIX B, Section B105.5 – Land subdivision projects.	Topographical and Climatic	Provides for increased fire-flow for subdivisions of certain undeveloped land due to the undetermined building size and type of construction to allow for sufficient water to be available to fight fires. Necessary because of increased danger of fire in the County/District due to climatic and topographical conditions.
APPENDIX C, Section C102.2 – Location on street.	Topographical and Climatic	Provides for hydrant spacing on streets to ensure hydrants are accessible to fire fighters. Necessary because of increased danger of fire in the County/District due to climatic and topographical conditions.
APPENDIX C, Section C105.2 – One- and two-family dwellings, and Group R-3 buildings.	Topographical and Climatic	Provides for hydrant spacing to ensure that water is available to fight fires. Necessary because of increased danger of fire in the County/District due to climatic and topographical conditions.
APPENDIX C, Section C105.3 - Buildings other than one- and two-family dwellings, and Group R-3 buildings.	Topographical and Climatic	Provides for hydrant spacing for buildings other than one- and two-family dwellings, and Group R-3 buildings to ensure that there is adequate water supply available to fight fires. Necessary because of increased danger of fire in the County/District due to climatic and topographical conditions.
APPENDIX C, Section C105.4 – Cul-de-sac hydrant location.	Topographical and Climatic	Provides for hydrant spacing for cul-de-sacs to ensure that there is adequate water supply available to fight fires. Necessary because of increased danger of fire in the County/District due to climatic and topographical conditions.
APPENDIX C, Section C106 - On-site hydrants.	Topographical and Climatic	Provides requirements for on-site hydrants to ensure that there is adequate water supply available to fight fires. Necessary because of increased danger of fire in the County/District due to climatic and topographical conditions.
APPENDIX O,	Topographical,	Provides various design and location

Section	Local Condition	Explanation and Findings
Section O103 – General requirements.	Geographic, and Climatic	requirements for temporary haunted houses, ghost walks, and similar amusement uses where the means of egress are not apparent due to decorative materials, confusing sounds, and/or visual effects. Necessary because of increased danger of fire in the County/District due to climatic and topographical conditions and the prevalence of earthquakes in the County/District.
APPENDIX PP – LOCAL AGENCY VERY HIGH FIRE HAZARD SEVERITY ZONES	Administrative	Portion of ordinance serving to fulfill the Statutory requirements of the County/District per California Government Code Sections 51175 through 51189. Recognizes the authorities of the State to impose Fire Hazard Severity Zone designations and of individual cities to expand upon them within the parameters defined by State statute. Also serves to define the “Malibu–Santa Monica Mountains Area” and the “San Gabriel Mountains Southface Area” for the sprinkler provisions therein, as described in Chapter 9.
APPENDIX QQ – LOS ANGELES COUNTY FIRE-CODE FEE SCHEDULE	Administrative	Provides the code user with the Fire Department fee schedule, specifically for the services provided by the Fire Department in accordance with the Fire Code.
APPENDIX RR – RIFLE RANGE	Topographical and Climatic	Provides the basic fire- and life-safety requirements for the operation of rifle ranges. Necessary because of increased danger of fire in the County/District due to climatic and topographical conditions.

SECTION 446. This ordinance shall become effective 30 days after it is adopted.

[TITLE32FIRECODE2022AVCC]

SECTION 447. This ordinance shall be published in The Daily Commerce a newspaper printed and published in the County of Los Angeles.

Janice Hahn
Chair

ATTEST:

Celia Zavala
Executive Officer -
Clerk of the Board of Supervisors
County of Los Angeles

I hereby certify that at its meeting of January 31, 2023 the foregoing ordinance was adopted by the Board of Supervisors of said County of Los Angeles by the following vote, to wit:

Ayes		Noes	
Supervisors	Hilda L. Solis	Supervisors	None
	Holly J. Mitchell		
	Lindsey P. Horvath		
	Janice Hahn		
	Kathryn Barger		

Effective Date: March 2, 2023

~~Operative Date:~~

Celia Zavala
Executive Officer -
Clerk of the Board of Supervisors
County of Los Angeles

I hereby certify pursuant to Section 25103 of the Government Code, delivery of this document has been made.

CELIA ZAVALA
Executive Officer
Clerk of the Board of Supervisors

By
Deputy

APPROVED AS TO FORM:
DAWYN R. HARRISON
Interim County Counsel

By
Nicole Davis Tinkham
Chief Deputy County Counsel

S:\Ordinances\County Counsel\2023\2023-0008

ORDINANCE NO. 1855

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF GARDENA, CALIFORNIA, ADOPTING THE MOST RECENT VERSION OF THE LOS ANGELES COUNTY FIRE CODE AS SET FORTH IN TITLE 32 OF THE LOS ANGELES COUNTY CODE BY REFERENCE AND FINDING THE ACTION EXEMPT FROM THE CALIFORNIA ENVIRONMENTAL QUALITY ACT PURSUANT TO THE COMMON SENSE EXEMPTION OF CEQA GUIDELINES SECTION 15061(b)(3)

WHEREAS, California Health & Safety Code section 18901 et seq. provides that the Building Standards Commission shall adopt a California Building Standards Code ("CBSC") based on specified uniform codes with input from various State Departments; and

WHEREAS, the 2022 CBSC has been adopted and is codified in Title 24 of the California Code of Regulations and the 2022 California Fire Code is Part 9 thereof; and

WHEREAS, the 2022 California Fire Code has applied by default to the City since January 1, 2023; and

WHEREAS, California Health & Safety Code provides that a city or county may make changes in the provisions in the CBSC or upon finding that such changes or modifications are reasonably necessary because of local climatic, geologic, or topographic conditions; and

WHEREAS, due to an initiative measure passed by the voters in 1999, the City of Gardena is required to adopt the most current version of the Los Angeles County Fire Code by reference; and

WHEREAS, on March 2, 2023, the Los Angeles County Board of Supervisors adopted the revised Los Angeles County Fire Code which includes changes and amendments to the 2022 California Fire Code (Ordinance No. 2023-0008); and

WHEREAS, pursuant to Government Code section 50022.2, the City may adopt a code by reference; and

WHEREAS, County Ordinance No. 2023-0008 includes a statement of reasons based on climatic, geological, and topographical conditions for amendments to the 2022 Fire Code; and

WHEREAS, the City Council of Gardena adopts the same justifications as the County for the amendments as set forth In Ordinance No. 20223-008; and

WHEREAS, the City Council of the City of Gardena introduced this Ordinance on June 13, 2023 and set a public hearing for _____, 2023; and

WHEREAS, a duly noticed public hearing was held on _____, 2023.

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF GARDENA, CALIFORNIA, DOES HEREBY ORDAIN AS FOLLOWS:

SECTION 1. Section 8.08.020 of the Gardena Municipal Code is hereby amended to read as follows:

Section 8.08.020. Los Angeles County Fire Code Version.

Pursuant to section 8.08.010, which requires the city to adopt the latest version of the Los Angeles County Fire Code by reference, the version of the Los Angeles County Fire Code for the city shall be the version of Title 32 of the Los Angeles County Code as set forth in Ordinance No. 2023-0008 adopted by the Los Angeles County Board of Supervisors on March 2, 2023.

SECTION 2. Severability. If any section, subsection, subdivision, paragraph, sentence, clause or phrase of this ordinance, or any part thereof is for any reason held to be unconstitutional, such decision shall not affect the validity of the remaining portion of the ordinance or any part thereof. The City Council hereby declares that it would have passed each section, subsection, subdivision, paragraph, sentence, clause or phrase thereof, irrespective of the fact that any one or more sections, subsections, subdivisions, paragraphs, sentences, clauses or phrases be declared unconstitutional.

SECTION 3. City Clerk Direction. The City Clerk shall certify to the passage of this ordinance and shall cause the same to be entered in the book of original ordinances of the City; shall make a minute passage and adoption thereof in the records of the meeting at which time the same is passed and adopted; and shall, within fifteen (15) days after the passage and adoption thereof, cause a summary of the ordinance to be published as required by law.

SECTION 4. A fully copy of the code which is adopted by reference herein shall be kept either in the City Clerk's office or in the office of the chief enforcement officer for the fire code during all such times as this ordinance is in effect.

SECTION 5. Effective Date. This ordinance shall not become effective or be

in force until thirty days from and after the date of this adoption.

Passed, approved, and adopted this _____ day of _____, 2023

_____
TASHA CERDA, Mayor

ATTEST:

_____
MINA SEMENZA, City Clerk

APPROVED AS TO FORM:

_____
CARMEN VASQUEZ, City Attorney

City of Gardena

Gardena City Council Meeting

AGENDA REPORT SUMMARY

Agenda Item No. 16.A
Section: DEPARTMENTAL ITEMS - PUBLIC WORKS
Meeting Date: June 13, 2023

TO: THE HONORABLE MAYOR AND MEMBERS OF THE GARDENA CITY COUNCIL

AGENDA TITLE: Award Construction Contract for the Pedestrian Safety Improvement FY 2022-2023 Project (Phase 2), JN 513, to Martinez Concrete, Inc., in the amount of $139,780.00, Declare California Environmental Quality Act (CEQA) Exemption, Approve the Project Specifications and Budget Contingency.

COUNCIL ACTION REQUIRED:

Staff Recommendation:

- **Award Construction Contract.**
- **Declare CEQA Exemption.**
- **Approve the Project Specifications.**
- **Approve Expenditures of Remaining Budget as Contingency.**

RECOMMENDATION AND STAFF SUMMARY:

The Pedestrian Safety Improvement FY 2022-2023 Project, Phase 2, will upgrade and/or replace damaged curb and gutter, sidewalks, driveways, and trees within the City's Maintenance District, Zone 1. The first phase was the sidewalk trip hazard survey and repair of uplifted sidewalks under two (2) inches in Zone 1, which was completed in February of 2023 by Southern California Precision Concrete, Inc.

The concrete replacement locations for the second phase of the project will follow the inspected Maintenance District, Zone 1, during the first phase, where the uplifted sidewalks are greater than 2 inches and the residential request list. These locations have been identified as deficient and will improve accessibility, safety, and aesthetics. An environmental assessment has been prepared in accordance with the CEQA guidelines. It has been determined that the project is categorically exempt.

The following five (5) bids were received on May 25, 2023:

1. ICE General Builder Inc., San Fernando	$115,132.00
2. Martinez Concrete, Inc., Azusa	$139,780.00
3. Rojas Construction, San Pedro	$161,252.00
4. DT Stellar General Engineering, Winchester	$178,280.00
5. Falkon Construction, Inc., Diamond Bar	$266,142.00

ICE General Builders, Inc. of San Fernando, submitted the apparent low bid in the amount of $115,132. However, their bid was deemed non-responsive because they failed to acknowledge project addendums, did not complete the Bidder's Declaration including labor contract codes, and mathematical errors on their bid schedule. Therefore, Martinez Concrete, Inc. was emerged as the lowest responsible bidder. They are a state licensed contractor with verified successful construction experience in the field and will be required to meet all bonding and financial standards. The tentative construction start date is September 2023 with an anticipated project completion in November 2023.

Staff respectfully recommends the City Council award the construction contract for Pedestrian Safety Improvement FY 2022-2023 Project (Phase 2), JN 513, to Martinez Concrete Inc. in the amount of $139,780.00, and additionally:

a. Declare this project to be categorically exempt under the CEQA, Class 1, Section 15301 (d), as rehabilitation of existing facilities.
b. Approve the project plans and specifications.
c. Approve expenditures of remaining budget, $27,956.00 (20%), as a contingency.

FINANCIAL IMPACT/COST:

Source of Funds

Approved FY 2022-2023 Budget	
Measure R	$300,000.00
SB 821	$56,000.00
Total	$356,000.00

Estimated Expenditures

Phase 1 - Completed Sidewalk Trip Hazard Removal	$141,561.70
Phase 2 - Design Phase Expenditures and Job Cost	$4,211.39
Phase 2 - Construction Contract Award	$139,780.00
Phase 2 - Construction Administration & Inspection	$28,000.00
Phase 2 - 20% Construction Contingency	$27,956.00
Total	$341,509.09

ATTACHMENTS:

JN 513 Specs_Signed.pdf
JN 513_CEQA_NOE.pdf
JN 513_District 1 Map.pdf

APPROVED:



_____

Clint Osorio, City Manager

CITY OF GARDENA

CONTRACT DOCUMENTS AND SPECIFICATIONS

FOR

PEDESTRIAN SAFETY IMPROVEMENT 2022/2023
VARIOUS LOCATIONS

JN 513

April 2023

CITY OF GARDENA

CONTRACT DOCUMENTS AND SPECIFICATIONS

FOR

PEDESTRIAN SAFETY IMPROVEMENT 2022/2023

VARIOUS LOCATIONS

JN 513

Plans & Specifications prepared by:



Memoranda:

Plans and specifications are available at Planwell Administrator, 562.436.9761 or www.crplanwell.com

Bid Results: https://www.cityofgardena.org/public-contracts/

City of Gardena Public Works Engineering Division: 310.217.9568

CITY OF GARDENA
NOTICE INVITING BIDS
for
PEDESTRIAN SAFETY IMPROVEMENT 2022/2023
VARIOUS LOCATIONS
PROJECT NO. JN 513

Plans and Specifications are available through ARC Document Solutions. Please be advised that there is an additional charge for delivery. Upon payment of the purchase price, they become the property of the purchaser and may not be returned for refund.

You may access the plans through the following website under Public Planroom:

www.crplanwell.com

For help accessing and ordering, please contact a Planwell Administrator at 562.436.9761.

Notice is hereby given that the City of Gardena will receive sealed bids at the office of the City Clerk, City Hall, 1700 W. 162nd Street, Gardena, California, until **1:00 PM** on **May 25, 2023,** and shortly thereafter on this same day, they will be publicly opened and read in the City Clerk's Office in-person and via ZOOM.

The information to join the bid opening via ZOOM is the following:

Topic: Bid Opening
Time: 1:00 PM on May 25, 2023 (Shortly thereafter the deadline)
Join ZOOM Meeting

Join Zoom Meeting: https://us02web.zoom.us/j/85209215335
Meeting ID: 852 0921 5335
Dial by phone: +1 669 900 9128 US

Should you have any questions or concern in delivering a bid or joining the ZOOM Meeting, please contact City Clerk's office at (310) 217-9565 or via email at cityclerk@cityofgardena.org.

All bids must be in writing, must be sealed, and must be plainly marked on the outside: **"BID ON PROJECT NO. JN 513.** Any bid received after the hour stated above for any reason whatsoever, will not be considered for any purpose but will be returned unopened to the bidder.

Bids are required for the entire work as described below:
Removal and replacement of curbs, gutters, sidewalks, trees, driveways, PCC pavement, etc.

ENGINEER'S ESTIMATE: $180,000.00

The time of completion of contract shall be **40 working days** as defined in the latest Standard Specifications for Public Works ("Greenbook"). Liquidated Damages, as defined in Section 6-9, shall be **$1,000.00 per each consecutive calendar day**.

Each bidder must submit a proposal to the City, c/o City Clerk in accordance with the Plans and Specifications. Said proposal is to be accompanied by a cash deposit, a certified or cashier's check, or a bidder's bond, made payable to the City of Gardena, in an amount not less than 10 percent of the total bid submitted.

The envelope enclosing the proposal shall be sealed and addressed to the City of Gardena c/o City Clerk, and delivered or mailed to the City at 1700 W. 162nd Street, Gardena, California 90247-3778. The envelope shall be plainly marked in the upper left-hand corner as follows:

ATTENTION: CITY, c/o CITY CLERK
(Bidder's Name and Address) _____

(Number and title of this project) _____

The successful bidder will be required to furnish a faithful performance bond in the amount of 100 percent of the contract price, and a payment bond in the amount of 100 percent of the contract price, both in a form satisfactory to the City Attorney.

The contractor shall have an active **Class "A" or "C-8"** license from the Contractor's State License Board at the time of submitting bid.

Pursuant to Public Contract Code Section 22300, the Contractor may, at Contractor's sole cost and expense, substitute securities equivalent to any monies withheld by the City to insured performance under the contract unless applicable federal regulations or policies do not allow such substitution. Such security shall be deposited with the City, or a state or federally chartered bank as escrow agent, who shall pay such monies to the Contractor upon satisfactory completion of the Contract. The Contractor shall be the beneficial owner of any security substituted for monies withheld and shall receive any accrued interest thereon. Securities eligible for investment shall include those listed in Government Code Section 16430 or bank or savings and loan certificates of deposit. No such substitution shall be accepted until the escrow agreement, letter of credit, form of security and any other document related to said substitution is reviewed and found acceptable by the City Attorney.

The City reserves the right to reject any or all bids and to waive any informality or irregularity in any bid received and to be the sole judge of the merits of the respective bids received. The award, if made, will be made to the lowest responsive responsible bidder.

Bidders are advised that this Project is a public work for purposes of the California Labor Code, which requires payment of prevailing wages. Accordingly, the bidder awarded the Contract and all subcontractors shall be required to pay not less than the prevailing rate of per diem wages, as determined by the Director of the California Department of Industrial Relations, and otherwise comply with the provisions of Section 1770 et seq. of the California Labor Code, California Code of Regulations, Title 8, Section 16000 et seq., and any other applicable laws, rules and regulations adopted with respect thereto ("California Prevailing Wage Laws").

Attention is directed to the provisions of Sections 1777.5 and 1777.6 of the Labor Code concerning the employment of apprentices by Contractor or any Subcontractor under it. Contractor and any Subcontractor under if shall comply with the requirements of said sections in the employment of apprentices.

The Contractor is prohibited from performing work on this project with a subcontractor who is ineligible to perform work on the project pursuant to Section 1777.1 or 1777.7 of the Labor Code.
This project is subject to compliance monitoring and enforcement by the Department of Industrial Relations. All contractors and subcontractors must furnish electronic certified payroll records directly to the Labor Commissioner (aka Division of Labor Standards Enforcement) in a format prescribed by the Labor Commissioner no less than monthly.

As of **January 1, 2016**, the requirement to furnish electronic certified payroll records to the Labor Commissioner will apply to all public works projects, whether new or ongoing. City may require a copy of the electronic certified payroll records submitted to the DIR at anytime.

Exceptions: The Labor Commissioner may (but is not required to) excuse contractors and subcontractors from furnishing electronic certified payroll records to the Labor Commissioner on a project that is under the jurisdiction of one of the four legacy DIR-approved labor compliance programs (Caltrans, City of Los Angeles, Los Angeles Unified School District, and County of Sacramento) or that is covered by a qualifying project labor agreement.

<u>These requirements will apply to all public works projects that are subject to the prevailing wage requirements of the Labor Code without regard to funding source.</u>

The State General Prevailing Wage Determination is as established by the California Department of Industrial Relations (available at <u>http://www.dir.ca.gov/DLSR/PWD/index.htm</u>).

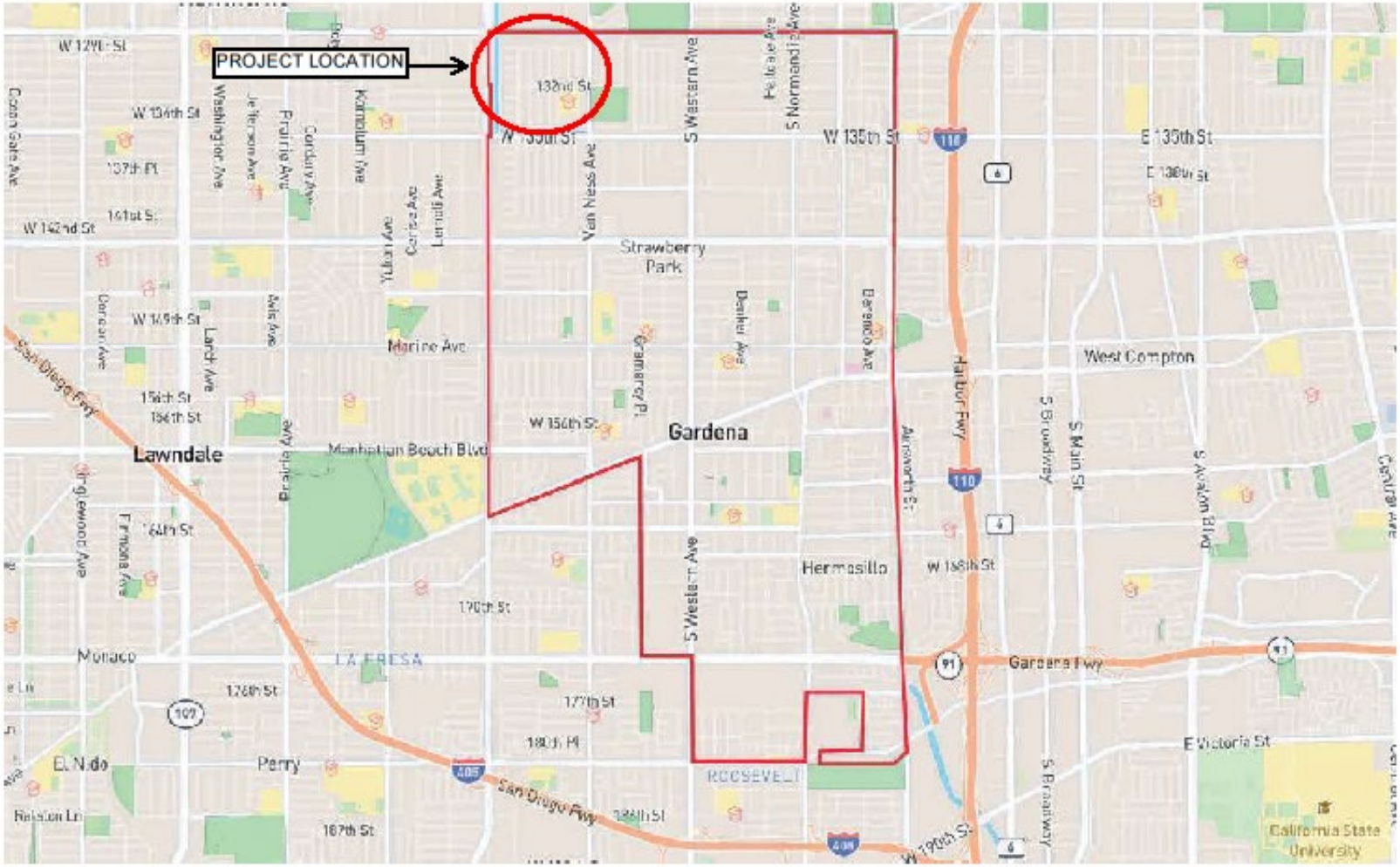
<u>Skilled and Trained Workforce</u>: This project is subject to Skilled and Trained Workforce Requirements per Sections 2600 through 2603 of the Public Contract Code.

<u>Award of Contract</u>: The following are conditions to the award of the contract:

I. Each contractor and subcontractor listed on the bid must be registered with the Department of Industrial Relations pursuant to Labor Code Section 1725.5. subject to the limited exceptions set forth in Labor Code Section 1771.1(a) (regarding the submission of a bid as authorized by Business & Professions Code Section 7029.1 or Public Contract Code Section 10164 or 20103.5 provided the contractor is registered to perform public work pursuant to Section 1725.5 at the time the contract was awarded): and
II. No contractor or subcontractor may be awarded this contract unless the contractor and each subcontractor listed on the bid is registered with the Department of Industrial Relations pursuant to Section 17265.5.

Any questions regarding this bid package may be referred to Jose Espinoza, Public Works Engineering Division at 310.217.9644.

PEDESTRIAN SAFETY IMPROVEMENT PROJECT VARIOUS LOCATIONS, JN 513



1" = 4200 ft	PROJECT LOCATION MAP	03/13/2023	

This map may represents a visual display of related geographic information. Data provided here on is not guarantee of accrual field conditions. To be sure of complete accuracy, please contact the responsible staff for most up-to-date information.

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INSTRUCTIONS TO BIDDERS

FORM OF PROPOSAL

The Proposal shall be fully executed and submitted on the forms in the project specifications and shall be enclosed in a sealed envelope marked and addressed as directed in the Notice Inviting Bids.

PRPOSAL / BID DOCUMENTS

All Proposals shall include the following executed documents to be submitted with each bid:

Bidding Schedule

Acknowledgement of Addenda Received

Bidder's Declaration

Non-Collusion Affidavit

Declaration of Eligibility of Contract

Bid Bond

Designation of Subcontractors

Construction Project Reference

Certificate of Non-Discrimination by Contractors

Certification of Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion – Primary Covered Transitions

DELIVERY OF PROPOSAL

The Proposal shall be delivered by the time and to the place stipulated in the Notice Inviting Bids. It is the bidder's sole responsibility to see that its Proposal is received as stipulated. Any Proposal received after the scheduled closing time for receipt of proposals will be returned to the bidder unopened.

WITHDRAWAL OF PROPOSAL

The Proposal may be withdrawn by the bidder by means of a written request, signed by the bidder or its properly authorized representative. Such written request must be delivered to the place stipulated in the Notice Inviting Bids for receipt of proposals prior to the scheduled closing time for receipt of proposals. No Proposal may be withdrawn after the hour fixed for opening bids.

MODIFICATIONS AND ALTERNATIVE PROPOSALS

Unauthorized conditions, limitations, or provisions attached to the Proposal will render it informal and may be grounds for its rejection as non-responsive. The completed Proposal forms shall be without interlineations, alterations, or erasures. Alternative proposals will not be considered unless specifically requested. Oral, telegraphic, or telephonic proposals or modifications will not be considered.

DISCREPANCIES IN PROPOSALS

In the event there is more than one bid item in a Bidding Schedule, the bidder shall furnish a price for all bid items in the Schedule, and failure to do so will render the Proposal informal and may be grounds for its rejection as non-responsive. The bidder shall state in words and figures the unit prices or the specific sums as the case may be, for which it proposes to supply the labor, materials, supplies, or machinery, and completely perform the Contract. The total amount of each item bid and the total amount of the bid shall be stated in words and figures.

In case of any discrepancy between the words and the figures, the words shall prevail. If the unit price and the total amount named by a bidder for any items are not in agreement, the unit price alone will be considered as representing the bidder's intention and the total will be corrected to conform thereto.

PROPOSAL GUARANTEE – BIDDER'S SECURITY

Each bidder shall submit with his Proposal cash, an unconditional certified or cashier's check, or a bidder's bond, in the sum of the percentage of the bid stated in the Notice Inviting Bids, payable to the City as a guarantee that the bidder will, if its Proposal is accepted, execute the Contract and furnish a satisfactory Faithful Performance Bond, a satisfactory Payment Bond and insurance certificates as specified herein.

If a bidder to whom an award is made, fails or refuses to sign the Contract or furnish the required bonds and certificates, all within the time stated in Section 2-1.5 of the Special Provisions herein, the funds represented by said cash, check or bidder's bond shall be forfeited and become and remain the property of the City; the amount thereof being agreed to by the bidder and the surety as a bid bond forfeiture due to the City because of the delay in the execution of the Contract and in the performance of work thereunder, resulting from such failure or refusal, except that if the City awards the contract to the next lowest responsive responsible bidder, only that portion of the bidder's security equal to the difference between the two bids will be forfeited.

A Bid Bond must be obtained from a corporate surety authorized to do business as such in the State of California as an "admitted surety insurer" and shall be on the form furnished by the City or one substantially in conformance with it. Certified or cashier's checks must be drawn on a solvent state or nationally chartered bank or branch thereof in the State of California. The liability of the City in connection with the checks shall be limited to the return of the checks (without interest) as provided in Section 2-1.6 of the Special Provisions bound herein.

DISQUALIFICATION OF BIDDERS

A person, firm, or corporation shall NOT be allowed to make or file, or to be interested in, more than one bid, except an alternative bid when specifically requested; provided, however, a person, firm, or corporation who has submitted a sub-proposal to a bidder submitting a Proposal, or who has quoted prices on materials to such bidders, is not thereby disqualified from submitting a sub-proposal or from quoting prices to other bidders submitting proposals, or from submitting a Proposal as a prime contractor. Similarly, failure to comply with the registration requirements of Labor Code Section 1725.5, as further described in the Notice Inviting Bids, will disqualify a bidder.

ADDITIONAL REQUIREMENTS

The bidder's attention is directed to the Special Provisions and Technical Provisions bound herein for additional requirements of the Proposal and Contract Documents.

CONTRACT DOCUMENTS

Contract Documents are to be submitted within twenty-one (21) calendar days AFTER award of contract unless extended by agreement of the City. Failure to timely submit executed Contract Documents may be grounds for rejecting the bid award and forfeiture of the bid security. See enclosed documents commencing on page CD-1.

BID PROPOSAL (BP)

PEDESTRIAN SAFETY IMPROVEMENT 2022/2023
VARIOUS LOCATIONS

PROJECT NO. JN 513

Contractor: _____

Address: _____

Phone: _____

Fax: _____

License No.: _____

D.I.R. No. _____

Email: _____

To Be Submitted

WITH

Bid Package

BID PROPOSAL

PROJECT NO. JN 513

BID SCHEDULE

The undersigned, having examined the proposed Contract Documents titled:

PEDESTRIAN SAFETY IMPROVEMENT 2022/2023

and having visited the site and examined the conditions affecting the work, hereby proposes and agrees to furnish all labor, materials, equipment, and appliances, and to perform operations necessary to complete the work as required by said proposed Contract Documents and itemized bid schedule below. All work shall be completed within **Forty (40) Working Days** from the date the Notice of Proceed is issued by the Engineer.

Item No.	Item Description	Unit	Approx. Quantity	Unit Price in Figures	Item Total
1.	Furnish and Install P.C.C. Curb and Gutter over new C.A.B. per Std. Dwg. ST-7	LF	160	$	$
2.	Furnish and Install P.C.C. sidewalk over existing re-compacted material per Std. Dwg. ST-5A	SF	3780	$	$
3.	Remove and dispose of existing tree, stump and roots	EA	14	$	$
4.	Furnish and plant new trees per Std. Dwg. ST-11	EA	14	$	$
5.	Furnish and Install 4” P.C.C. Res. Driveway per Std. Dwg ST-2	SF	456	$	$

Note: Some locations may change. All areas are approximate. Actual limits shall be field mark by the city.

BID SCHEDULE (Continued)

TOTAL CONTRACT BID:

(Figures) $ _____

(Words) _____

*** In case of error in extension of price into the total price column, the unit price will govern.**

All work required and shown on the construction plans and this specification for which no price or item is listed on this proposal, it shall be understood that such work, equipment, labor, tools and materials shall be provided without extra charge, allowance or direct payment of any kind. Payment for performing such work or furnishing such equipment, labor, tools and materials shall be included in the above lump sum or unit bid prices and no additional compensation will paid therefor.

If the City determines that any of the unit bid prices are significantly unbalanced to the potential detriment of the City, the bid will be replaced as non-responsive.

In case of any discrepancy between the words and the figures, the words shall prevail. If the unit price and the total amount for any item are not in agreement, the unit price alone shall be considered to represent the bidder's intention and all totals will be corrected to conform thereto.

Attached hereto is cash, a certified check, a cashier's check, or a bidder's bond in the amount of _____ Dollars, said amount being not less than 10 percent of the amount bid. Pursuant to Public Contract Code Sections 20172 and 20174, it is agreed a portion equal to the difference between the low bid and second low bid shall be retained as a bid bond forfeiture by the City if the undersigned fails or refuses to execute the Contract and furnish the required bonds and certificates of insurance within the time provided.

_____
Name of Bidder

_____
Signature of Bidder

BID PROPSOAL

PROJECT NO. JN 513

ACKNOWLEDGEMENT OF ADDENDA RECEIVED

The Bidder shall acknowledge the receipt of addenda by number and date each addendum received.

Addendum No. ____ Date _____ Addendum No. ____ Date _____

Addendum No. ____ Date _____ Addendum No. ____ Date _____

Addendum No. ____ Date _____ Addendum No. ____ Date _____

Addenda will be issued only through the ARC Document Solutions and access under their Public Planroom (www.crplanwell.com). It is the Bidder's sole responsibility to visit the Planroom to obtain and administer any Addendum related to this bid. **An Addendum must be acknowledged above by a bidder in its submitted form of Proposal.**

If an addendum or addenda have been issued by the City and not noted above as being received by the Bidder, the Bid Proposal may be rejected.

_____ _____

Bidder's Signature Date

BID PROPOSAL

PROJECT NO. JN 513

BIDDER'S DECLARATION

It is understood and agreed that:

1. The undersigned has carefully examined all documents which will form a part of the Contract; namely, the Notice Inviting Bids, the Instructions to Bidders, this Proposal, the Bid Bond, the Contract, the Faithful Performance Bond, the Payment Bond, the federal requirements, if any, the Plans and Specifications, the Special Provisions, and the Technical Provisions.

2. The undersigned has, by investigation at the site of the work and otherwise, satisfied himself as to the nature and location of the work and fully informed himself as to all conditions and matters, which can in any way affect the work or the cost thereof.

3. The undersigned fully understands the scope of work and has checked carefully all words and figures inserted in this Proposal and he further understands that the City will not be responsible for any errors or omissions in the preparation of the Proposal.

4. The undersigned agrees and acknowledges that he is aware of the provisions of Section 3700 of the Labor Code which requires every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that Code, and that the undersigned will comply with such provisions before commencing the performance of the Contract if it is awarded to the undersigned.

The undersigned will execute the Contract and furnish the required statutory bonds and certificates of insurance within the period of time specified in the Contract Documents.

The undersigned will begin work after award of Contract and a Notice to Proceed has been given as herein specified and will complete said work within the time specified in the Bidding Schedule.

5. The undersigned certifies that this Proposal is genuine and not sham or collusive, or made in the interest or on behalf of a person not herein named, and the undersigned has not directly or indirectly induced or solicited any other bidder to put in a sham bid nor induced any other person, firm, or corporation to refrain from bidding. The undersigned has not in any manner sought by collusion to secure for himself any advantage over any other bidder.

6. The undersigned will accept an award and enter into a Contract for all work scheduled herein on which he puts in a bid. The awards for such work are to be entirely at the discretion of the City after evaluation of the bids as submitted. The undersigned agrees that the City shall recover or retain as a bid bond forfeiture an amount equal to the difference between the low bid and amount of the bid of the bidder with whom the City enters into a Contract, and the surplus, if any, shall be returned to the lowest bidder in accordance with the provisions of the Public Contract Code Sections 20172 and 20174 in the event of his failure to execute a Contract and furnish required bonds and insurance therefor within the time provided.

BIDDER'S DECLARATION (Continued)

7. The undersigned bidder stated under penalty of perjury that the representations made in submitting this bid are, to the best of his/her knowledge, true, accurate, and complete.

Respectfully submitted,

Contractor's Business Name	Contractor (Print) Title
Business Address: Street	Signature Title
City State Zip	Contractor's License No. and Classification
Business Phone Number	Business Fax Number
Date	
Name Title	Residence: Street
City State Zip	Residence Phone Number

Note: If the bid is made by an individual, it must be signed with the full name of the bidder, whose address must be given: if it is made by a firm, it must be signed in the co-partnership's name by a general partner thereof, who shall also sign his or her own name, and the name and full address of each partner (general and/or limited) must be given; and if it is made by a corporation, it must be signed by a properly authorized officer, the corporate name shall be set forth, and the corporate seal shall be affixed.

BID PROPOSAL

PROJECT NO. JN 513

NON-COLLUSION AFFIDAVIT

(To be executed by Bidder and submitted with Bid)

State of California

County of Los Angeles

_____ being first duly sworn, deposes and says that he or she is _____ of _____ _____ the party making the foregoing bid, that the bid is not made in the interest of, or on the behalf of, any undisclosed person, partnership, company, association, organization, or corporation; that the bid is genuine and not collusive or sham; that the bidder has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or that anyone shall refrain from bidding; that the bidder has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the bid price of the bidder or any other bidder, or to fix any overhead, profit, or cost element of that of any other bidder, or to secure any advantage against the public body awarding the contract of anyone interested in the proposed contract; that all statements contained in the bid are true; and, further, that the bidder has not, directly or indirectly, submitted his or her bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid, and will not pay fee to any corporation, or agent thereof to effectuate a collusive or sham bid.

_____
NAME OF BIDDER

_____
SIGNATURE OF BIDDER

_____
ADDRESS OF BIDDER

_____
CITY STATE ZIP

ALL SIGNATURES MUST BE WITNESSED BY NOTARY
(attach appropriate jurats)

BID PROPOSAL

PROJECT NO. JN 513

DECLARATION OF ELIGIBILITY TO CONTRACT

[Labor Code Section 1777.1; Public Contract Code Section 6109]

The undersigned, a duly authorized representative of the contractor, certifies and declares that:

1. The undersigned contractor is aware of Sections 1777.1 and 1777.7 of the California Labor Code, which prohibit a contractor or subcontractor who has been found by the Labor Commissioner or the Director of Industrial Relations to be in violation of certain provisions of the Labor Code, from bidding on, being awarded, or performing work as a subcontractor on a public works project for specified periods of time.

2. The undersigned contractor is not ineligible to bid on, be awarded or perform work as a subcontractor on a public works project by virtue of Sections 1771.1 or 1777.7 of the California Labor Code or any other provision of law.

3. The undersigned contractor is aware of California Public Contract Code Section 6109, which states:

> "(a) A public entity, as defined in Section 1100 [of the Public Contract Code], may not permit a contractor or subcontractor who is ineligible to bid or work on, or be awarded, a public works project pursuant to Section 1777.1 or 1777.7 of the Labor Code to bid on, be awarded, or perform work as a subcontractor on, a public works project. Every public works project shall contain a provision prohibiting a contractor from performing work on a public works project with a subcontractor who is ineligible to perform work on the public works project pursuant to Section 1771.1 or 1777.7 of the Labor Code."
>
> "(b) Any contract on a public works project entered into between a contractor and a debarred subcontractor is void as a matter of law. A debarred subcontractor may not receive any public money for performing work as a subcontractor on a public works contract, and any public money that may have been paid to a debarred subcontractor by a contractor on the project shall be returned to the awarding body. The contractor shall be responsible for the payment of wages to workers of a debarred subcontractor who has been allowed to work on the project."

4. The undersigned contractor has investigated the eligibility of each and every subcontractor the undersigned contractor intends to use on this public works project, and has determined that none of them are ineligible to perform work as a subcontractor on a public works project by virtue of the foregoing provisions of the Public Contract Code, Sections 1771.1 or 1777.7 of the Labor Code, or any other provision of law.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct. Executed this _____ day of _____, 20___, at _____ _____ *(place of execution)*, California_____.

Signature: _____ Name: _____

Title: _____ Company: _____

BID PROPOSAL

PROJECT NO. JN 513

BID BOND

KNOW ALL MEN BY THESE PRESENTS:

THAT _____, as Principal, and _____, as Surety, are held firmly bound unto the City of Gardena in the sum of $_____; _____DOLLARS,
(not less than ten percent of total amount of bid)
for the payment of which sum well and truly to be made, we bind ourselves, our heirs, executors, administrators, successors, and assigns, jointly and severally, firmly by these presents.

WHEREAS, said Principal has submitted a bid to the City to perform all work required under the following:

PROJECT: **PEDESTRIAN SAFETY IMPROVEMENT 2022/2023**
VARIOUS LOCATIONS, JN 513

NOW, THEREFORE, if said Principal is awarded a Contract by the City and, within the time and in the manner required in the Specifications for said project, enters into the written form of Contract bound with said Specifications and furnishes the required bonds, one to guarantee faithful performance and the other to guarantee payment for labor and materials, then this obligation shall be null and void, otherwise it shall remain in full force and effect. In the event suit is brought upon this bond by the City and judgment is recovered, said Surety shall pay all costs incurred by the City in such suit, including a reasonable attorneys' fee to be fixed by the court. Surety hereby waives the provisions of California Civil Code §2845.

SIGNED AND SEALED, this_day of _____, 20_____.

_____(SEAL) _____(SEAL)
Principal Surety

BY:_____ BY:_____
Signature Signature

Note: This bond must be dated, all signatures must be notarized, and evidence of the authority of any person signing as attorney–in-fact must be attached.

BID PROPOSAL

PROJECT NO. JN 513

DESIGNATION OF SUBCONTRACTORS

In compliance with the "Subletting and Subcontracting Fair Practices Act" being Sections 4100-4113 of the Public Contract Code of the State of California, and any amendments thereto, each bidder shall set forth below the name and location of the place of business of each subcontractor who will perform work or labor or render service to the prime contractor in or about the construction of the work or improvement in an amount in excess of one-half (1/2) of one percent (1%) of the prime contractor's total bid, and shall further set forth the portion of the work which will be done by each subcontractor. Only one subcontractor for each such portion shall be listed.

If the contractor fails to specify a subcontractor for any portion of the work to be performed under the contract, he shall be deemed to have agreed to perform such portion himself, and he shall not be permitted to subcontract that portion of the work except under the conditions hereinafter set forth.

Subletting or subcontracting of any portion of the work to which subcontractor was designated in the original bid shall only be permitted in cases of public emergency or necessity, and then only after a finding reduced to writing as a public record of the legislative body of the City.

Portion of Work %	Subcontractor's Name & Address	Type of Work	State License Number	Class	D.I.R. Number

Not more than _____%.

BID PROPOSAL

PROJECT NO. JN 513

CONSTRUCTION PROJECT REFERENCE

In order to more fully evaluate your background and experience for the project herein proposed, please submit a list of Public Works and/or similar construction projects completed or in progress within the last three (3) years. Failure to provide this information may constitute grounds for rejection of your bid as non-responsive.

Number of years as a contractor in construction work of this type: _____

Three projects of this type recently completed:

1. Name (Firm/Agency): _____
   Address: _____
   Contact Person: _____ Telephone No.: _____
   Title of Project: _____
   Project Location: _____
   Date of Completion: _____ Contract Amount: $ _____

2. Name (Firm/Agency): _____
   Address: _____
   Contact Person: _____ Telephone No.: _____
   Title of Project: _____
   Project Location: _____
   Date of Completion: _____ Contract Amount: $ _____

3. Name (Firm/Agency): _____
   Address: _____
   Contact Person: _____ Telephone No.: _____
   Title of Project: _____
   Project Location: _____
   Date of Completion: _____ Contract Amount: $ _____

NOTE: If requested by the City, the bidder shall furnish a certified financial statement, references, and other information sufficiently comprehensive to permit an appraisal of his current financial condition.

Bidder's Signature _____

BID PROPOSAL

PROJECT NO. JN 513

CERTIFICATE OF NON-DISCRIMINATION BY CONTRACTORS

As suppliers of goods or services to the City, the firm listed below certifies that it does not discriminate in its employment with regard to race, color, religion, sex, or national origin; that it is in compliance with all applicable federal, state, and local directives, and executive orders regarding non-discrimination in employment; and that it agrees to pursue positively and aggressively the principle of equal opportunity in employment.

We agree specifically:

1. To establish or observe employment policies which affirmatively promote opportunities for minority persons at all job levels.

2. To communicate this policy to all persons concerned, including all company employees, outside recruiting services, especially those serving minority communities, and to the minority communities at large.

3. To take affirmative steps to hire minority employees within the company.

FIRM_____

TITLE OF PERSON SIGNING_____

SIGNATURE_____

DATE_____

Please include any additional information available regarding equal opportunity employment programs now in effect within your company:

_____

_____

_____

_____

_____

_____

BID PROPOSAL

PROJECT NO. JN 513

CERTIFICATION REGARDING DEBARMENT, SUSPENSION, INELIGIBILITY AND VOLUNTARY EXCLUSION – PRIMARY COVERED TRANSACTIONS

(BEFORE COMPLETING CERTIFICATION, READ INSTRUCTIONS ON NEXT PAGE)

The Contractor shall not perform Work with any Subcontractor that has been debarred or suspended pursuant to California Labor Code Section 1777.1 or any other federal or State law providing for the debarment of contractors from public works. The Contractor and Subcontractors shall not be debarred or suspended throughout the duration of the Contract pursuant to Labor Code Section 1777.1 or any other federal or State law providing for the debarment of contractors from public works. If the Contractor or any Subcontractor becomes debarred or suspended during the duration of the Project, the Contractor shall immediately notify the City.

1. The prospective primary participant certifies to the best of its knowledge and belief, that it and its principals:

    a. Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;

    b. Have not within a 5-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statement, or receiving stolen property;

    c. Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph 1b of this certification; and

    d. Have not within a 5-year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default.

2. Where the prospective primary participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

Signature: _____ Name: _____

Title: _____ Company: _____

CERTIFICATION REGARDING DEBARMENT, SUSPENSION, INELIGIBILITY AND VOLUNTARY EXCLUSION – PRIMARY COVERED TRANSACTIONS (Continued)

INSTRUCTIONS FOR CERTIFICATION

1. By signing and submitting this proposal, the prospective primary participant is providing the certification set out below.
2. The inability of a person to provide the certification required below will not necessarily result in denial of participation in this covered transaction. The prospective participant shall submit an explanation of why it cannot provide the certification set out below. The certification or explanation will be considered in connection with the department or agency's determination whether to enter into this transaction. However, failure of the prospective primary participant to furnish a certification or an explanation shall disqualify such person from participation in this transaction.
3. The certification in this clause is a material representation of fact upon which reliance was placed when the department or agency determined to enter into this transaction. If it is later determined that the prospective primary participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the department or agency may terminate this transaction for cause or default.
4. The prospective primary participant shall provide immediate written notice to the department or agency to which this proposal is submitted if at any time the prospective primary participant learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.
5. The terms "covered transaction," "debarred," "suspended," "ineligible," "lower tier covered transaction," "participant," "person," "primary covered transaction," "principal," "proposal," and "voluntarily excluded," as used in this clause, have the meanings set out in the Definitions and Coverage sections of the rules implementing Executive Order 12549. You may contact the department or agency to which this proposal is submitted for assistance in obtaining a copy of those regulations (13 CFR Part 145).
6. The prospective primary participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency entering into this transaction.
7. The prospective primary participant further agrees by submitting this proposal that it will include the clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion--Lower Tier Covered Transactions," provided by the department or agency entering into this covered transaction, without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions.
8. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that it is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant may decide the method and frequency by which it determines the ineligibility of its principals. Each participant may, but is not required to, check the Nonprocurement List.
9. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of a participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.
10. Except for transactions authorized under paragraph 6 of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency may terminate this transaction for cause or default.

CONTRACT DOCUMENTS (CD)

PEDESTRIAN SAFETY IMPROVEMENT 2022/2023
VARIOUS LOCATIONS

PROJECT NO. JN 513

To be Submitted
within twenty-one (21) calendar days

AFTER
Award of Contract

CONTRACT DOCUMENT

PROJECT NO. JN 513

AGREEMENT

THIS AGREEMENT, made and entered into this _____ day of _____, 20_____, by and between CITY OF GARDENA in the State of California, hereinafter referred to as "CITY" and_____, hereinafter referred to as "CONTRACTOR."

The City and the Contractor mutually agree as follows:

ARTICLE I.

THE PROJECT

For and in consideration of the mutual promises set forth herein, Contractor agrees to perform and complete in a good and workmanlike manner all work required by the Contract Documents for City Project No. JN 513, which is described as follows:

Title: **PEDESTRIAN SAFETY IMPROVEMENT 2022/2023**
VARIOUS LOCATIONS, JN 513

Said work shall be performed in accordance with the Plans, Specifications and other Contract Documents, all of which are referenced in Article III hereof and incorporated herein as though fully set forth. Contractor shall furnish at its own expense all labor, materials, equipment and services necessary therefor, except such labor, materials, equipment and services as are provided in the Contract Documents to be furnished by City.

This project is subject to Skilled and Trained Workforce Requirements per Sections 2600 through 2603 of the Public Contract Code.

ARTICLE II.

CONTRACT SUM AND PAYMENT

For performing and completing the work in accordance with the Contract Documents, City shall pay Contractor, in full compensation therefor, the contract sum set forth in the Bidding Schedule. Said sum shall constitute payment in full for all work performed hereunder, including, without limitation, all labor, materials, equipment, tools and services used or incorporated in the work, supervision, administration, overhead, expenses and any and all other things required, furnished or incurred for completion of the work as specified in the Contract Documents. City shall make payments to Contractor on account of the contract sum at the time, in the manner, and upon the conditions specified in the Contract Documents.

ARTICLE III.

CONTRACT DOCUMENTS

The Contract Documents, which constitute the entire agreement between the City and the Contractor, are enumerated as follows: Proposal Documents, including the Notice Inviting Bids, Instructions to Bidders, Bidding Schedule, Bidder's Declaration, Designation of Subcontractors, Bidder's Assurance, and Fair Employment Practices documents; this Agreement; Standard Specifications; Special Provisions; Technical Provisions; Drawings; Plans; and all addenda issued prior to and all modifications issued after the execution of this Agreement. These form

the Contract, and all are as fully a part of the Contract as if attached to this Agreement or repeated herein.

ARTICLE IV.

EFFECTIVE DATE

This Agreement shall become effective and commence as of the date set forth below on which the last of the parties, whether City or Contractor, executes said Agreement.

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed and attested by their proper officers thereunto duly authorized.

CITY

By:_____
MAYOR (Sign)

Date: _____

SEAL

Attest:
By: _____
CITY CLERK (Sign)

Date:_____

CONTRACTOR

By:_____
Sign / Title

Date: _____

Attest: (Contractor)

By:_____
Sign / Title

Date: _____

APPROVED AS TO FORM:

By:_____
CITY ATTORNEY (Sign)

Date:_____

CONTRACT DOCUMENT

PROJECT NO. JN 513

FAITHFUL PERFORMANCE BOND

WHEREAS, the City of Gardena has awarded to _____, hereinafter designated as the "Principal", a Contract for:

PROJECT: **PEDESTRIAN SAFETY IMPROVEMENT 2022/2023**
VARIOUS LOCATIONS, JN 513

WHEREAS, said Principal is required under the terms of said Contract to furnish a bond for the faithful performance of said Contract;

NOW, THEREFORE, we, _____
as Principal, and _____
as Surety, are held and firmly bound unto the City in the sum of _____
_____
Dollars ($_____), this amount being not less than one hundred percent (100%) of the total Contract price, lawful money of the United States of America, for payment of which sum well and truly to be made we bind ourselves, our heirs, executors, administrators, and successors, jointly and severally, firmly by these presents. In case suit is brought upon this bond, the Surety will pay all court costs and reasonable attorneys' fees to the City of Gardena in an amount to be fixed by the court.

THE CONDITION OF THIS OBLIGATION IS SUCH THAT, if the hereby bounded Principal, his or its heirs, executors, administrators, successors, or assigns, shall in all things stand to and abide by, well and truly keep and perform all the undertakings, terms, covenants, conditions and agreements in the said Contract and any alteration thereof, made as therein provided, all within the time and in the manner therein designated and in all respects according to their true intent and meaning, then this obligation shall become null and void; otherwise, it shall be and remain in full force and effect.

FURTHER, the Surety, for value received, hereby stipulates and agrees that no change, extension of time, alteration, addition, or modification to the terms of the Contract, or of the work to be performed thereunder, or the specifications for the same, shall in any way affect its obligations under this bond, and it does hereby waive notice of any such change, extension of time, alteration, addition, or modification to the terms of the Contract or to the work or to the specifications thereunder. Surety hereby waives the provisions of California Civil Code §§ 2845 and 2849. The City is the principal beneficiary of this bond and has all rights of a party hereto.

This bond shall remain in full force and effect for a warranty period of one full year after acceptance of the job by the City.

IN WITNESS WHEREOF, three (3) identical counterparts of this instrument, each of which shall for all purposes be deemed an original thereof, have been duly executed by the Principal and

Surety named herein, on the_____ day of_____, 20___, the name and corporate seal of each corporate party being hereto affixed and these presents duly signed by its undersigned representative pursuant to authority of its governing body.

[PRINCIPAL]

By _____

Title _____

_____

Signature

[SURETY]

By _____

Title _____

Address _____

_____

Phone No. _____

_____

Signature

All signatures must be notarized.

Appropriate modifications shall be made to this form if the bond is being furnished for the performance of an act not provided for by agreement.

Corporations must affix corporate seal.

CONTRACT DOCUMENT

PROJECT NO. JN 513

PAYMENT BOND

WHEREAS, the City of Gardena has awarded to _____, as Contractor, a contract for the work described as follows:

PROJECT: **PEDESTRIAN SAFETY IMPROVEMENT 2021/2022**
VARIOUS LOCATIONS, JN 993

AND WHEREAS, said Contractor is required to furnish a bond in connection with said contract, to secure the payment of claims of laborers, mechanics, materialmen and other persons, as provided by law;

NOW, THEREFORE, we, the undersigned Contractor and Surety, are held firmly bound unto the City in the sum of _____, Dollars ($_____) this amount being not less than one hundred percent (100%) of the total Contract price, for which payment well and truly to be made we bind ourselves, our heirs, executors and administrators, successors and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH THAT, if said Contractor, its heirs, executors, administrators, successors, assigns, or subcontractors shall fail to pay any of the persons named in Civil Code Section 3181, or amounts due under the Unemployment Insurance Code with respect to work or labor performed under the contract, or any amounts required to be deducted, withheld, and paid over to the Employment Development Department from the wages of employees of the Contractor and its subcontractors pursuant to Section 13020 of the Unemployment Insurance Code, or any other amounts due to persons under any applicable project contract or law, with respect to such work and labor, then the Surety or Sureties herein will pay for the same in an amount not exceeding the sum specified in this bond, otherwise the above obligation shall be void. In case suit is brought upon this bond, the said Surety will pay all court costs and reasonable attorneys' fees to the plaintiff(s) and City in an amount to be fixed by the court.

This bond shall inure to the benefit of any of the persons named in Civil Code Section 3181 as to give a right of action to such persons or their assigns in any suit brought upon this bond.

Further, the Surety, for value received, hereby stipulates and agrees that no change, extension of time, alteration, addition, or modification to the terms of the Contract, or of the work to be performed thereunder, or the specifications for the same, shall in any way affect its obligations under this bond, and it does hereby waive notice of such change, extension of time, alteration, addition, or modification to the terms of the Contract or to the work or to the specifications thereunder. Surety hereby waives the provisions of California Civil Code §§ 2845 and 2849.

This bond shall remain in full force and effect for six full months after the period in which verified claims may be filed as provided for in Section 3184 of the California Civil Code.

IN WITNESS WHEREOF, we have hereunto set our hands and seals on this_____day of _____20_____.

[PRINCIPAL]

By _____

Title _____

_____

Signature

[SURETY]

By _____

Title _____

Address _____

_____

Phone No. _____

_____

Signature

All signatures must be notarized.

Appropriate modifications shall be made to this form if the bond is being furnished for the performance of an act not provided for by agreement.

Corporations must affix corporate seal.

CONTRACT DOCUMENT

PROJECT NO. JN 513

WORKER'S COMPENSATION INSURANCE CERTIFICATE

The Contractor shall execute the following form as required by the California Labor Code, Sections 1860 and 1861:

> I am aware of the provisions of Section 3700 of the Labor Code which require every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that Code, and I will comply with such provisions before commencing the performance of the work of the Contract.

DATED:_____

_____
CONTRACTOR

By_____
Signature

_____
Title

ATTEST:

By_____
Signature

_____
Title

CONTRACT DOCUMENT

PROJECT NO. JN 513

INDEMNIFICATION AND HOLD HARMLESS AGREEMENT AND WAIVER OF SUBROGATION AND CONTRIBUTION

PEDESTRIAN SAFETY IMPROVEMENT 2022/2023
VARIOUS LOCATIONS
JN 513

To the fullest extent permitted by law, Indemnitor hereby agrees, at its sole cost and expense, to defend, protect, indemnify, and hold harmless the City of Gardena and its respective elected officials, officers, attorneys, agents, employees, volunteers, successors, and assigns (collectively "Indemnitees") from and against any and all damages, costs, expenses, liabilities, claims, demands, causes of action, proceedings, expenses, judgments, penalties, liens, and losses of any nature whatsoever, including fees of accountants, attorneys, or other professionals and all costs associated therewith (collectively "Liabilities"), arising or claimed to arise, directly or indirectly, out of, in connection with, resulting from, or related to any act, failure to act, error, or omission of Indemnitor or any of its officers, agents, servants, employees, subcontractors, materialmen, suppliers or their officers, agents, servants or employees, arising or claimed to arise, directly or indirectly, out of, in connection with, resulting from, or related to the above-referenced contract, agreement, license, or permit (the "Agreement") or the performance or failure to perform any term, provision, covenant, or condition of the Agreement, including this indemnity provision. This indemnity provision is effective regardless of any prior, concurrent, or subsequent active or passive negligence by Indemnitees and shall operate to fully indemnify Indemnitees against any such negligence. This indemnity provision shall survive the termination of the Agreement and is in addition to any other rights or remedies which Indemnitees may have under the law. Payment is not required as a condition precedent to an Indemnitee's right to recover under this indemnity provision, and an entry of judgment against an Indemnitee shall be conclusive in favor of the Indemnitee's right to recover under this indemnity provision. Indemnitor shall pay Indemnitees for any attorney fees and costs incurred in enforcing this indemnification provision. Notwithstanding the foregoing, nothing in this instrument shall be construed to encompass (a) Indemnitees' sole negligence or willful misconduct to the limited extent that the underlying Agreement is subject to Civil Code 2782(a), or (b) the contracting public agency's active negligence to the limited extent that the underlying Agreement is subject to Civil Code 2782(b). This indemnity is effective without reference to the existence or applicability of any insurance coverages which may have been required under the Agreement or any additional insured endorsements which may extend to Indemnitees.

Indemnitor, on behalf of itself and all parties claiming under or through it, hereby waives all rights of subrogation and contribution against the Indemnitees, while acting within the scope of their duties, from all claims, losses and liabilities arising out of or incident to activities or operations performed by or on behalf of the Indemnitor regardless of any prior, concurrent, or subsequent active or passive negligence by the Indemnitees. Accountants, attorneys, or other professionals employed by Indemnitor to defend Indemnitees shall be selected by Indemnitees.

In the event there is more than one person or entity named in the Agreement as an Indemnitor, then all obligations, liabilities, covenants and conditions under this instrument shall be joint and several.

"Indemnitor"

Company/Contractor _____

Name & Title _____

Signature & Date _____

CONTRACT DOCUMENT

PROJECT NO. JN 513

INSURANCE

CERTIFICATION OF INSURANCE (COI) SHALL BE SUBMITTED BY THE CONTRACTOR

1. **COMMENCEMENT OF WORK**. Contractor shall not be authorized to commence Work under this Contract until it has obtained approved insurance. Before beginning Work hereunder, during the entire period of this Contract, for any extensions hereto, and for periods after the end of this Contract as may be indicated below, Contractor must have and maintain in place not less than the insurance coverages required in this Section at his sole cost and expense. Contractor's insurance shall comply with all items specified by this Contract. Any subcontractors shall be subject to all of the requirements of this Section and Contractor shall be responsible to obtain evidence of insurance from each subcontractor and provide it to City before the subcontractor commences work. Alternatively, Contractor's insurance may cover all subcontractors. The insurance requirements are not intended to and shall not in any manner limit or qualify the liabilities and obligations assumed by Contractor under this Contract.

2. **INSURANCE COMPANY REQUIREMENTS.** All insurance policies used to satisfy the requirements imposed hereunder shall be issued by insurers admitted to do business in the State of California. Insurers shall have a current Best's rating of not less than A-:VII, unless otherwise approved by City.

3. **COVERAGES, LIMITS AND POLICY REQUIREMENTS**. Contractor shall maintain the types of coverages indicated below:

4. **COMPREHENSIVE GENERAL LIABILITY INSURANCE.** A policy of comprehensive general liability insurance written on a per occurrence basis in an amount not less than either one million dollars ($1,000,000) per occurrence or two million dollars ($2,000,000) aggregate.

5. **COMMERCIAL AUTO LIABILITY INSURANCE**. A policy including all coverages provided by and to the extent afforded by Insurance Services Office form CA 0001, ed. 12/93, including Symbol 1 (any auto) with no special limitations affecting City. The minimum auto insurance coverage shall be one million dollars ($1,000,000) combined single limit per accident.

6. **WORKER'S COMPENSATION AND EMPLOYER'S LIABILITY INSURANCE**. A policy which meets all statutory benefit requirements of the Labor Code, or other applicable law, of the State of California. The minimum coverage limits for said insurance shall be no less than one million dollars ($1,000,000) per claim. The policy shall be issued by an insurance company which is admitted to do business in the State of California and shall contain a clause that the policy may not be canceled without thirty (30) days prior written notice, return receipt requested, is mailed to City.

   In accordance with the provisions of section 1860 of the California Labor Code, Contractor's attention is directed to the requirement that in accordance with the provisions of section 3700 of the California Labor Code, Contractor and every subcontractor will be required to

secure the payment of compensation of his or her employees, or obtain a certificate of consent to self-insurance by the Director of Industrial Relations in accordance with the requirements of Section 3700 of the California Labor Code.

In accordance with the provisions of section 1861 of the California Labor Code, Contractor shall sign and file with the awarding body the following certification prior to performing any work on the Project:

> "I am aware of the provisions of section 3700 of the Labor Code which require every employer to be insured against liability for worker's compensation or to undertake self-insurance in accordance with the provisions of that code, and I will comply with such provisions before commencing the performance of the work of this contract."

7. POLICY REQUIREMENTS. The policies set forth above shall comply with the following, as evidenced by the policies or endorsements to the policies:

(i) City and its appointed and elected officers, employees, agents and volunteers shall be added as additional insured to the policy as respects liabilities arising out of the performance of any work done under the Contract.

(ii) The insurer shall agree to provide City with thirty (30) days prior written notice, return receipt requested, of any cancellation, non-renewal or material change in coverage.

(iii) For any claims with respect to the Project covered by this Contract, Contractor's insurance coverage shall be primary insurance as respects City and its elected and appointed officers, employees, agents and volunteers. Any insurance or self-insurance maintained by City and its elected and appointed officers, employees, agents and volunteers shall be excess of Contractor's insurance and shall not contribute with it.

(iv) The policy shall apply separately to each insured against whom claim is made or suit is brought except with respect to the limits of the company's liability.

8. COURSE OF CONSTRUCTION INSURANCE. Contractor shall provide course of construction insurance covering for "all risks" of loss in the amount of the completed value of the Work. The City shall be named as a loss payee and the insurer shall waive all rights of subrogation against the City. This policy shall be issued by an insurance company which is admitted to do business in the State of California and shall contain a clause that the policy may not be canceled until thirty (30) days written notice, return receipt requested, is mailed to the City. Course of Construction Insurance may be provided for each separate Phase.

9. ADDITIONAL REQUIREMENTS. The procuring of required insurance shall not be construed to limit Contractor's liability hereunder nor to fulfill the indemnification provisions and requirements of this Contract. City shall notify Contractor in writing of changes in the insurance requirements. If Contractor does not deposit copies of acceptable insurance policies or endorsements with City incorporating such changes within sixty (60) days of receipt of such notice, Contractor shall be deemed in default hereunder.

10. DEDUCTIBLES. Any deductible or self-insured retentions must be declared to and approved by City. Contractor shall guarantee that, at the option of the City, either: the insurer shall eliminate or reduce such deductibles or self-insured retentions with respect to City, its officers, employees, agents and volunteers (with additional premium, if any, to be

paid by Contractor); or Contractor shall provide satisfactory financial guarantee for payment of losses and related investigations, claim administration and defense expenses in the amount of any deductibles or self-insured retentions.

11. **VERIFICATION OF COMPLIANCE.** Contractor shall furnish City with the required endorsements attached hereto. All documents are to be received and approved by City before Work commences. Not less than fifteen (15) days prior to the expiration date of any policy of insurance required by this Contract, Contractor shall deliver to City a binder or certificate of insurance with respect to each renewal policy, bearing a notation evidencing payment of the premium therefore, or accompanied by other proof of payment satisfactory to City. Contractor shall provide full copies of any requested policies to City within three (3) days of any such request by City.

12. **TERMINATION FOR LACK OF REQUIRED COVERAGE.** If Contractor, for any reason, fails to have in place, at all times during the term of this Contract, including any extension hereto, all required insurance and coverage, City may immediately obtain such coverage at Contractor's expense and/or terminate this Contract. Contractor shall indemnify, defend and hold harmless City and its elected and appointed officers, employees, agents and volunteers from any claim resulting from failure of either Contractor or any subcontractor to take out or maintain any insurance required by this Contract.

13. **EQUIPMENT COVERAGE**. Any policy or policies of insurance Contractor or his subcontractors elect to carry as insurance against loss or damage to construction equipment and tools or other personal property shall include a provision waiving the insurer's right of subrogation against City.

GENERAL PROVISIONS

PEDESTRIAN SAFETY IMPROVEMENT 2022/2023
VARIOUS LOCATIONS
JN 513

PART 1 – GENERAL PROVISIONS

SECTION 1 – GENERAL

1-1 GENERAL. The Standard Specifications for Public Works Construction ("Greenbook") written and promulgated by the Southern California Chapter of the American Public Works Association and the Southern California Districts of the Associated General Contractors of California shall be the Standard Specifications of the City. All work shall conform to the 2021 edition, including supplements of the Standard Specifications, the Special Provisions which supplement or modify the Standard Specifications, and the Standard Drawings as issued by the City (defined herein as "Agency") available at the time bids are opened unless otherwise specified in the Contract Documents.

The above referenced Standard Specifications, Special Provisions and Standard Drawings are hereby made a part of the Contract Documents.

For the convenience of the Contractor, the section and subsection numbering system used in these Special Provisions corresponds to that used in the Standard Specifications.

1-2 TERMS AND DEFINITIONS. Whenever in the Standard Specification the following terms are used, they shall be understood to mean and refer to the following:

(a)	AGENCY	The City of Gardena, a California municipal corporation.
(b)	BOARD	The City Council of the City of Gardena
(c)	CONTRACT DOCUMENTS	Documents including but not limited to the proposal forms, Standard "Greenbook" Specifications, Special Provisions, Technical Provisions, Notice Inviting Bids, Instructions to Bidders, Bonds, Insurance, Contract and all Addenda setting forth any modifications of the documents.
(d)	ENGINEER	The City of Gardena Director of Public Works/City Engineer or his authorized representative.
(e)	BIDDER	An individual, co-partnership, association or corporation submitting a proposal for the work contemplated, acting directly or through a duly authorized representative.
(f)	LEGAL ADDRESS OF CONTRACTOR	The legal address of the Contractor to be the address given on the Contractor's bid and is hereby designated as the place to which all notices, letters or other communications to the Contractor shall be mailed or delivered.
(g)	LABORATORY	An established laboratory approved and authorized by the Engineer for testing materials and work involved in the contract.

1-7 AWARD AND EXECUTION OF THE CONTRACT.

1-7.1 General. The proposal shall be fully executed and submitted on the forms provided by the Agency and shall be enclosed in a sealed envelope marked and addressed as directed in the "Notice Inviting Bids".

If the proposal is made by an individual, it shall be signed and his or her full name and address shall be given; if it is made by a firm it shall be signed with co-partnership name by a general partner thereof, who shall also sign his or her known name, and the name and address of each member of such co-partnership shall be given; if made by a corporation, the name of the corporation shall be signed by its duly authorized officers and attested by the corporate seal.

Bidders are warned against making erasures or alterations of any kind on their Proposal. Proposals which contain omissions, erasures, alterations, conditions or additions not called for may be rejected.

At the time the Contract is awarded by the Agency, the Contractor shall be licensed under the provisions of Chapter 9, Division 3, of the Business and Professions Code of the State of California to do the type of work contemplated in the Contract and shall be skilled and regularly engaged in the general class or type of work required by this Contract.

1-7.2 Contract Bonds. The "Performance Bond" is equivalent to City's "Faithful Performance Bond".

1-7.3 Examination of Plans, Specifications and Project Site. Bidders shall read the specifications, review the drawings and examine the existing facilities to fully understand the project in order to plan for the improvements as shown in the contract, including local condition, uncertainty of weather and all other contingencies.

Bidders shall satisfy themselves by personal examination of the proposed work sites, and by such other means as they may choose as to actual conditions and requirements and as to the accuracy of the quantities stated in the Proposal forms. Information derived from the maps, plans, specifications, profiles, drawings, or from the Engineer/Architect of the record, shall not relieve the bidder of this responsibility, and the interpretation of the data disclosed by borings or other preliminary investigations is not guaranteed nor is any liability assumed by the Agency.

1-7.4 Interpretation of Drawings and Documents. If a prospective bidder is in doubt as to the true meaning or intent of any part of the Contract Documents including the Specifications, or discovers discrepancies in, or omissions from, the Specifications or Drawings, he may submit to the Engineer a written request for an interpretation or a correction thereof. Interpretations or corrections of the Contract Documents including the Specifications and Drawings, shall be made only by addendum duly issued by the Engineer, and a copy of such addendum will be sent by certified mail, postage prepaid, or delivered to each person receiving a set of the Contract Documents whose address is known to the Engineer and such addendum shall be considered a part of and incorporated in the Contract Documents.

1-7.5 Award of Contract. After the Proposals have been publicly opened and read aloud, they will be checked for accuracy and compliance with all provisions as specified herein.

The Agency reserves the right to reject any or all bids and to waive any informality or irregularity in any bid received and to be the sole judge of the merits of the respective bids received.

Bids subsequently shown to be mathematically unbalanced would be rejected as

nonresponsive.

A mathematically unbalanced bid is one containing lump sum or unit bid items which do not reflect reasonable actual costs plus a reasonable proportionate share of the bidder's anticipated profit, overhead costs, and other indirect costs, which he/she anticipates for the performance of the items in question.

"A bid is mathematically unbalanced if the bid is structured on the basis of nominal prices for some work and inflated prices for other work; that is, each element of the bid must carry its proportionate share of the total cost of the work plus profits."

"A bid is materially unbalanced if there is a reasonable doubt that award to the bidder submitting the mathematically unbalanced bid will result in the lowest ultimate cost to the Government. Consequently, a materially unbalanced bid may not be accepted."

Award of the Contract, if it be awarded, will ordinarily be made by the Agency within 30 days after opening of the bids. Award will be made to the lowest responsive responsible bidder.

In selecting the lowest responsive responsible bidder, consideration will be given to the general competency of the bidder for the performance of the work covered by the proposal. To receive favorable consideration, a bidder may be required to present evidence that he has successfully performed similar work of comparable magnitude or submit other evidence satisfactory to the Agency that he or his associates are competent to manage the proposed undertaking and to carry it forward to a successful conclusion. Professional integrity and honesty of purpose shall be essential requirements. A showing of adequate financial resources may be required but will not alone determine whether a bidder is competent to undertake the proposed work.

Only manufacturers or contractors of established reputation, or their duly authorized dealers or agency, having proper facilities for the manufacture of the materials or equipment and for servicing same, or for proper execution of the work called for in the contract, will be considered in making the award.

1-7.6 Execution of Contract. A bidder whose proposal is accepted shall properly sign a written contract with the Agency on the form attached hereto and return said contract together with good and approved bonds and insurance certificates as required by the Contract Documents **within twenty-one (21) calendar days** from the date of the mailing of a notice from the Agency to the bidder, according to the address given by him, of acceptance of his proposal.

Contract bonds and certificates of insurance, if required, shall be filed in all instances before delivering any equipment, materials, or performing any work under the contract; also before any purchase order shall be issued. An executed Power of Attorney form shall be submitted with all contract bonds herein specified.

If a bidder whose proposal is accepted fails or refuses to enter into a contract as herein provided, or to conform to any stipulated requirement in connection therewith, the money represented by his check or bidder's bond shall be refunded less the difference between the low bid and the bid of the bidder with whom the Agency enters into an agreement in accordance with the provisions of the Public Contracts Code Section 20174. At the discretion of the Agency, an award may be made to the bidder whose proposal is next most acceptable to the Agency, and such bidder and his surety shall fulfill every stipulation embraced herein as if he were the party to whom the first award was made.

A corporation to which an award is made may be required before the contract is finally signed to furnish evidence of its corporate existence, of its right to do business in California and of the authority of the officer signing the contract and bonds for the corporation to so sign.

1-7.7 Return of Proposal and Guarantee. The check or bond of a bidder to whom the contract has been awarded will be returned to him after all of the acts, for the performance of which said security is required, have been fully performed. The checks or bid bonds of the second and third lowest bidders will be returned when the bidder to whom the contract has been awarded has properly executed all of the required Contract Documents. Check or bid bonds of other bidders will be returned when their proposals are rejected or in any event at the expiration of forty-five (45) days from the date of opening bids.

1-7.8 Precedence of Contract Documents. The order of precedence of contract document shall be:

FIRST	Requirements of law, including the Code and Ordinances of the City of Gardena.
SECOND	Permits from other agencies as may be required by law.
THIRD	Permits from City of Gardena Departments as may be required by law or ordinance.
FOURTH	The Contract.
FIFTH	The Bid Proposal.
SIXTH	Addenda.
SEVENTH	Notice Inviting Bids.
EIGHTH	Instructions to Bidders.
NINTH	Technical Provisions.
TENTH	Plans.
ELEVENTH	General Provisions of the Standard Specifications.
TWELFTH	Standard Plans.
THIRTEENTH	Standard Specifications for Public Works Construction (current edition).
FOURTEENTH	Caltrans Standard Plans and Specifications.
FIFTEENTH	Reference Specifications.

Change orders, supplemental agreements and approved revisions to Plans and Specifications will take precedence over documents listed above, except those listed as FIRST, SECOND and THIRD. Detailed plans shall have precedence over general plans.

SECTION 2 – SCOPE OF THE WORK

2-2 PERMITS. The Contractor will obtain, at no cost to the Agency, all permits necessary to perform the work on streets, highways, railways or other rights-of-ways. The Contractor shall obtain and pay for all costs incurred for permits necessitated by its operations such as, but not

limited to those permits required for night work, overload, blasting and demolition. For private contracts, the Contractor shall obtain all permits incidental to the work or made necessary by its operations, and pay all costs incurred by the permit requirements.

The Contractor and each subcontractor employed upon the work must have or obtain a valid City of Gardena Business License in accordance with the provisions of the Gardena Municipal Code.

2.10 DISPUTED WORK.

2.10.1 Retention of Imperfect Work. If any portion of the work done or materials furnished under the contract proves defective or not in accordance with the specifications and contract drawings, and if the imperfection in the same is not of sufficient magnitude or importance to make the work dangerous or undesirable, or if the removal of such work is impracticable or will create conditions which are dangerous or undesirable in the opinion of the Engineer, the Engineer shall have the right and authority to retain the work instead of requiring it to be removed and reconstructed, but he shall make deductions therefor in the payment of the contract item due Contractor as may be just and reasonable.

2-11. DISPUTE RESOLUTION.

2-11.1 Requests for Contract Adjustments and Relief. If either Contractor or the Agency believes that it is entitled to relief against the other for any event arising out of or related to the work or Project, such party shall provide written notice to the other party of the basis for its claim for relief. Such notice shall, if possible, be made prior to incurring any cost or expense and in accordance with any specific notice requirements contained in the applicable sections of this Contract.

In the absence of any specific notice requirement, written notice shall be given within a reasonable time, not to exceed fourteen (14) days, after the occurrence giving rise to the claim for relief or after the claiming party reasonably should have recognized the event or condition giving rise to the request, whichever is later. Such notice shall include sufficient information to advise the other party of the circumstances giving rise to the claim for relief, the specific contractual adjustment or relief requested and the basis of such request.

2-11.2 Dispute Avoidance and Resolution. The parties are fully committed to working with each other throughout the Project and agree to communicate regularly with each other at all times so as to avoid or minimize disputes or disagreements. If disputes or disagreements do arise, Contractor and the Agency each commit to resolving such disputes or disagreements in an amicable, professional and expeditious manner so as to avoid unnecessary losses, delays and disruptions to the work under the Contract.

Contractor and the Agency will first attempt to resolve disputes or disagreements at the field level through discussions between Contractor's Representative and the Engineer.

If a dispute or disagreement cannot be resolved through the Contractor's Representative and the Engineer, Contractor's Chief Executive Officer or similar senior representative and the Gardena City Manager, or designee, upon the request of the other party, shall meet as soon as conveniently possible, but in no case later than twenty (20) days after such a request is made, to attempt to resolve such dispute or disagreement. Prior to any meeting between the parties' senior representatives, the parties will exchange relevant information that will assist the parties in resolving their dispute or disagreement.

If, after meeting, the senior representatives determine that the dispute or disagreement cannot be resolved on terms satisfactory to both parties, the parties may submit the dispute to binding

or non-binding mediation. The mediation shall be conducted in any manner and by any person or mediation association mutually acceptable to the parties.

2-11.3 Arbitration. Any claims, disputes or controversies between the parties arising out of or relating to the Contract, or the breach thereof, which have not been resolved in accordance with the procedures set forth in Section 9-4.2 above may be decided by binding or non-binding arbitration. The arbitration shall be conducted in any manner and by any person or arbitration association mutually acceptable to the parties.

2-11.4 Claims Disputes. Any claims of Contractor, as "claims" are defined in California Public Contract Code Section 9204 shall be processed in accordance with that section. Section 9204 provides in relevant part that upon receiving a claim from a contractor, together with reasonable documentation to support the claim, a contracting public entity shall conduct a reasonable review of the claim and, within a period not to exceed 45 days [except as otherwise provided in Section 9204], shall provide the claimant a written statement identifying what portion of the claim is disputed and what portion is undisputed.

Any payment due on an undisputed portion of the claim shall be processed and made within 60 days after the public entity issues its written statement. If the public entity fails to issue a written statement, Section 9-4.3 shall apply. If the contractor disputes the public entity's written response, or if the public entity fails to respond to a claim within the time prescribed, the contractor may demand in writing an informal conference to meet and confer for settlement of the issues in dispute.

Upon receipt of a demand in writing sent by registered mail or certified mail, return receipt requested, the public entity shall schedule a meet and confer conference within 30 days for settlement of the dispute. Within 10 business days following the conclusion of the meet and confer conference, if the claim or any portion of the claim remains in dispute, the public entity shall provide the claimant a written statement identifying the portion of the claim that remains in dispute and the portion that is undisputed.

Any payment due on an undisputed portion of the claim shall be processed and made within 60 days after the public entity issues its written statement. Any disputed portion of the claim of the claim, as identified by the contractor in writing, shall be submitted to nonbinding mediation, with the public entity and the contractor sharing the associated costs equally. The public entity and contractor shall mutually agree to a mediator within 10 business days after the disputed portion of the claim has been identified in writing. If the parties cannot agree upon a mediator, each party shall select a mediator and those mediators shall select a qualified neutral third party to mediate with regard to the disputed portion of the claim. Each party shall bear the fees and costs charged by its respective mediator in connection with the selection of the neutral mediator. If mediation is unsuccessful, the parts of the claim remaining in dispute shall be subject to other applicable procedures.

2-13 DRAWINGS AND SPECIFICATIONS ("RECORD" DRAWINGS). At all times, the Contractor shall maintain at the project a "Record" set of Drawings and Specifications to include all executed addenda, change orders, and field orders.

Prior to each progress payment the Contractor shall deliver to the Engineer, a set of contract drawings with all applicable "as constructed" notes placed/recorded thereon. Failure to provide "as constructed" plans will cause progress payment to be withheld until information is provided to City.

After completion of the work and before final payment, the Contractor shall deliver to the Engineer a complete set of contract drawings with all applicable "as constructed" noted placed/record thereon. The final form and detail of these as constructed plans are subject to the

acceptance of the Engineer.

2-14 MARKING REMOVAL. All markings placed by the Contractor, City, and Underground Service Alert (USA) during construction shall be removed at the completion of the work. These markings shall include, but not limited to, paint, stakes, and metal tags.

All cost associated with removal of markings shall be included in the bid prices for the applicable bid items. Failure of the Contractor to remove these markings shall be cause for the City to do the work and withhold the costs from the Contractor's final payment.

SECTION 3 – CONTROL OF THE WORK

3-5 INSPECTION. Inspection shall be made once a day for areas ready for inspection. Areas or items that fail inspection or that are not ready for inspection shall be rescheduled by the contractor.

Inspection of the work shall not relieve the contractor of the obligation to fulfill all conditions and requirements of the contract.

3-6 THE CONTRACTOR'S REPRESENTATIVE. The Contractor shall furnish the Engineer with the name, address and cell/ business/home telephone numbers of the person responsible for the maintenance of barricades, traffic control signs, lights and other safety devices.

3-10 SURVEYING.

3-10.3 Line and Grade. Unless otherwise provided in the Technical Provisions, establishing lines and grades for construction shall be the responsibility of the Contractor, with the following provisions:

All work under this contract shall be built in accordance with the lines and grades shown on the plans. Field survey for establishing these, and for the control of construction, shall be the responsibility of the Contractor. All such surveys, including construction staking, shall be performed on all items ordinarily requiring grade and alignment, at intervals normally accepted by the agencies and trade involved.

The Contractor shall provide a copy of the office calculations and grade sheets to the Agency's Inspector. The Contractor shall be responsible for any error in the finished work, and shall notify the Engineer within 24 hours of any discrepancies or design errors discovered during staking.

Unless a separate bid item is provided, the payment for surveying, construction staking, professional services, office calculations, furnishing all labor, materials, equipment, tools and incidentals, and for doing all work involved shall be considered as included in the various items of work, and no additional compensation will be allowed therefor.

3-10.4 Permanent Survey Markers. The Contractor is required to locate and tie out survey monuments in the project area prior to construction involving street and highways, or City public right of way and to file with the County Surveyor a Corner Record of any such work. Prior to final payment and the issuance of a completion certificate, the Contractor is required to file a Corner Record for survey monumentation that is replaced. All such survey work shall be performed under the supervision of a California licensed Land Surveyor or a Civil Engineer authorized to perform such work.

The Contractor shall provide the Agency a copy of the office calculations and documents submitted to the County for filing in connection with the aforementioned work.

The payment for surveying, related professional services, office calculation, furnishing all labor, materials, equipment, tools and incidentals, and for doing all work involved shall be considered as included in the various items of work, and no additional compensation will be allowed therefor.

3-12 WORK SITE MAINTENANCE.

3-12.1 General. The Contractor shall keep the work site clean and free from rubbish and debris. The Contractor shall abate dust nuisance by cleaning, sweeping and sprinkling with water in keeping with the AQMD and NPDES requirements. Debris, soil or other matter shall not be washed into storm drains but shall be collected and disposed of in a legal, responsible manner. The construction area shall be cleaned with a power sweeper at the end of every workday and when deemed necessary by the Engineer.

The Contractor shall maintain drainage within and through the work areas. Earth dams will not be permitted in paved areas. Use temporary sandbags to control the site perimeter. At the completion of the project sandbags shall become the property of the City of Gardena and shall be remain in place.

The Contractor shall not spill on haul routes. Any such spillage shall be removed immediately and the area cleaned.

Stockpiling of construction materials or debris on City right-of-way shall be in accordance with the NPDES permit and shall be approved by the inspector. At the completion of work, the Contractor shall thoroughly clean all work areas.

3-12.2 Air Pollution and Surface Maintenance Control. The Contractor shall obtain a construction water meter from Golden State Water including required deposit and fees. The Contractor shall pay for the water used, at the current water rates. All arrangements for construction water shall be made by contractor with Golden State Water at Contractor expense.

3-12.4. Storage of Equipment and Material.

3-12.4.1 General. All costs associated with the disposal of all excavated or demolition materials, including any gate fees, shall be paid by the Contractor. These costs shall be included in the bid price for the applicable bid items.

Prior to any excavated or demolition material being removed from the construction site the Contractor shall notify the City as to the hauling route and destination for disposal. If the location for disposal is other than a county landfill then the Contractor shall provide the City with written permission and release of liability for the City from the owner of the property where the material will be deposited.

<u>The City has an exclusive agreement with Waste Resources, Inc. and no other firm may provide bulk trash bins in the event the work requires this service</u>.

3-12.4.2 Storage in Public Streets. Construction equipment shall not be stored at the construction site, any public street or publicly owned facilities without approval of the City. Contractor shall store equipment at a contractor's rental yard.

All excavated material that is to be hauled to and disposed of at a County landfill site by the Contractor is subject to a County gate fee based on tonnage.

3-12.5.4 Protection and Restoration of Existing Improvements. Any facilities,

structures, water lines, landscaping, surfaces, signs, pavement markings, painted curbs, house numbers, etc., which are damaged during construction shall be restored to the satisfaction of the City. Damaged water lines shall be repaired immediately at no additional cost to the city.

3-12.5.5 Access to Private Property. The Contractor shall be aware that business and residential access must be maintained at all times. The Contractor shall schedule operations to minimize interference with access to private property.

The main access way to any business or home shall not be completely blocked for more than one four-hour period a day except blockage shall be limited to one twenty-four (24) hour period when concrete is poured.

Temporary access ways shall be provided from the street to the main access way of all businesses and homes by use of traffic rated steel plates or any other method approved by the city.

Payment for this item shall be included in the applicable contract work item.

3-13 COMPLETION, ACCEPTANCE, AND WARRANTY.

3-13.3 Warranty. In addition to the guarantees as required in Section 1-7.2 and 3-13.3 of the Standard Specifications, the Faithful Performance Bond shall remain in full force and effect for a period of one year after acceptance of the work by the Agency to insure that defects, which may appear within said period, will be repaired, replaced, or corrected by the Contractor, at his own cost and expense, to the satisfaction of the Engineer within thirty (30) days after written notice thereof by the Agency.

SECTION 4 – CONTROL OF MATERIAL

4-1 GENERAL.

4-1.1 Warranty of Title. No materials, supplies or equipment for the work under this Contract shall be purchased subject to any chattel mortgage or under a conditional sale contract or other agreement by which an interest therein or any part thereof is retained by the seller or supplier.

The Contractor warrants clear and good title to all materials, supplies and equipment installed and incorporated in the work, and agrees upon completion of all work to deliver the premises, together with all improvements and appurtenances constructed or placed thereon by him to the Agency free from any claims, liens, encumbrances or charges, and further agrees that neither he nor any person, firm or corporation furnishing any material or labor for work covered by the Contract shall have any right to a lien upon the premises or any improvement or appurtenance thereon; provided, that this shall not preclude the Contractor from installing metering devices or other equipment of utility companies the title of which is commonly retained by the utility company. Nothing contained in this section, however, shall defeat or impair the right of such persons furnishing materials or labor under any bond given by the Contractor for their protection, or any right under any law permitting such persons to look to funds due the Contractor, which are in the hands of the Agency.

The provisions of this section shall be inserted in all subcontractor's and material contracts, and notice of its provisions shall be given to all persons furnishing materials for the work when no formal contract is entered into regarding such materials.

SECTION 5 – LEGAL RELATIONS AND RESPONSIBLITIES

5-4 INSURANCE. In lieu of Section 5-4 of the Standard Specifications, refer to the City Contract Documents Section, CD-10, for detail requirements.

5-5 ANTITRUST CLAIMS. By entry into this Contract, Contractor hereby acknowledges the terms of Section 7103.5 of the Public Contract Code and hereby offers and agrees to assign to the Agency all rights, title and interest in all causes of action it may have as outlined above.

5-7 SAFETY.

5-7.4 Hazardous Substances. As required by Public Contract Code Section 7104, if this Contract involves digging trenches or other excavations that extend deeper than four (4) feet below the surface, Contractor shall promptly, and prior to disturbance of any conditions, notify the Agency of: (1) any material discovered in excavation that Contractor believes to be a hazardous waste that is required to be removed to a Class I, Class II or Class III disposal site; (2) subsurface or latent physical conditions at the site differing from those indicated by the Agency; and (3) unknown physical conditions of an unusual nature at the site, significantly different from those ordinarily encountered in such contract work. Upon notification, the Agency shall promptly investigate the conditions to determine whether a change order is appropriate. In the event of a dispute, Contractor shall not be excused from any scheduled completion date and shall proceed with all work to be performed under the Contract but shall retain all rights provided by the Contract and by law for making protests and resolving the dispute.

5-7.4.1 Edison Energized Conductors. Contractor hereby promises and agrees that in the performance of the work specified in this Contract, it will employ and utilized only qualified persons, as hereinafter defined, to work in proximity to Edison's secondary, primary and transmission facilities. The term "qualified person" is defined in Title 8, California Administrative Code, Section 2700, as follows:

> "Qualified Person: A person who by reason of experience or instruction is familiar with the operation to be performed and the hazards involved."
>
> Contractor further promises and agrees that the provisions of this section shall be and are binding upon any subcontractor or subcontractors that may be retained by it, and that Contractor shall take such steps as are necessary to assure compliance by said subcontractor or subcontractors with the requirements of this section.

5-7.4.2 Emergency Provisions. Unusual conditions may arise on the work which will require that immediate and unusual provision be made to protect the public from danger or loss or damage to life and property, due directly or indirectly to the prosecution of the work, and it is part of the service required of the Contractor to make such provisions and to furnish such protection.

Whenever, in the opinion of the Agency, an emergency exists of which the Agency is aware and against which the Contractor has not taken sufficient precaution for the safety of the public or the protection of utilities or of adjacent structures or property which may be injured by the progress of construction; and whenever, in the opinion of the Agency, immediate action shall be considered necessary in order to protect public or private personnel or property interests, or prevent likely loss of human life or damage on account of the operations under the Contract, then in that event the Agency may provide suitable protection to said interests by causing such work to be done and material to be furnished, as in the opinion of the Agency may seem reasonable and necessary, all at the expense of the Contractor.

SECTION 6 – PROSECUTION AND PROGRESS OF THE WORK

6-1 CONSTRUCTION SCHEDULE AND COMMENCEMENT OF THE WORK

6-1.1 Construction Schedule. The Contractor's proposed construction schedule shall be submitted to the Engineer within fourteen (14) calendar days after the date of the contract execution. The schedule shall be supported by written statements from each supplier of materials or equipment indicating that all orders have been placed and acknowledged and setting forth the dates that each item will be delivered.

The Contractor shall include in his bid all costs to perform the work under this contract in stages. The Contractor shall begin and complete work in each stage prior to starting work in subsequent stages unless previous permission is obtained from the Engineer. The contractor shall stage the work to allow parking on the next adjacent streets. Restricting parking on multiple adjoining streets shall require approval of the engineer.

6-1.2 Commencement of the Work. City may establish a Notice to Proceed (NTP) date no later than thirty (30) calendar days after the date of the contract execution. Prior to issuing the Notice to Proceed, the Engineer will schedule a preconstruction meeting with the Contractor to review the proposed construction schedule and delivery dates, arrange utility coordination, discuss construction methods and clarify inspection procedures.

The names, addresses and telephone numbers of the Contractor and subcontractors, or their representatives, shall be filed with the Public Works Manager and the County Sheriff's Department or the City Police Department prior to beginning work.

The Contractor shall also notify the City of Gardena and the owners of all utilities and substructures within the Project area not less than 48 hours prior to starting construction. The following utility companies list of names and telephone numbers is intended for the convenience of the contractor and is not guaranteed to be complete or correct:

COMPANY	***CONTACT***	***TELEPHONE NO.***
Southern California Edison	Joshua Remijio	562.756.3241
Southern California Gas	Melissa Fukunaga: Tech Services Planning: Attn - Lead Planner	213.231.7281
AT&T	Terence Little	626.817.4252
	Raymond Dover	310.515.4257
Gardena Police	Dispatch	310.3237911
L.A. County Fire Dept.		310.323.7911
Time Warner Communications	Arturo Fernandez	310.750.9099
Crown Castle	Hector Aguilera	951.454.5111
Waste Resources of Gardena	Lorena Rodriguez	310.366.7600
Golden State Water Co.	Conde Ventura	310.436.6950 x107
	Joseph Salcido	310.660.0320 x101
L.A. County Flood Control	Daryll Chenoweth	626.458.3129
L.A. Sanitation District	Jon Ganz	562.908.4288
Metropolitan Water District	Civil Eng. Substructures Section	213.217.7059
Chevron Pipeline	Dave Zerler	310.669.4014
Underground Service Alert		800.422.4133

The Contractor shall submit periodic Progress reports to the Engineer by the tenth day of each month. The report shall include an updated Construction Schedule. Any deviations from the original schedule shall be explained. Progress payments will be withheld pending receipt of any outstanding reports.

6-1.3 Working Day. The Contractor's working hours shall be limited to the hours between 7:30 A.M. and 4:30 P.M., Monday through Friday except holidays. No work which will cause loud or disruptive noise to adjacent residents and "No Parking" enforcement shall begin prior to 8:00 a.m. nor terminate later than 4:30 p.m. Deviation from normal working hours will not be allowed unless written permission has been duly obtained beforehand from the office of the City Engineer. The Contractor shall provide adequate light for proper prosecution of the work, for the safety of the workmen and the public, and for proper inspection.

If the Contractor works beyond the allowed working hours without prior written approval from the Engineer, the Contractor may be charged Five Hundred ($500) for each occurrence as required by the Engineer. The amount will be deducted from a progress payment or bond.

Contractor hereby acknowledges and shall be required to comply with the provisions of California Labor Code Section 1810 et seq. According to those sections, eight (8) hours of labor shall constitute a legal day's work. Contractor shall pay to the Agency a penalty of Twenty-Five Dollars ($25.00) for each worker employed in the execution of this Contract by Contractor, or by any Subcontractor, for each calendar day during which such worker is required or permitted to work more than eight (8) hours in any calendar day or forty (40) hours in any one (1) calendar week, except when payment for overtime is made at not less than one and one-half (1-1/2) times the basic rate for that worker.

In the event of either a requested or emergency deviation, inspection service fees will be charged against the Contractor. The service fees will be calculated at overtime rates including benefits, overhead and travel time. The service fees will be deducted from any amounts due to the Contractor.

6-1.4 Notice and Service Thereof. Any notice required or given by one party to the other under the contract shall be in writing and shall be dated and signed by the party giving such notice or by a duly authorized representative of such party. Any such notice shall not be effective for any purpose whatever unless served in the following manner:

Notice shall be given to the Agency by personal delivery thereof to the City of Gardena Engineer or by depositing the same in the United States mail enclosed in a sealed envelope, registered and with postage prepaid, addressed to:

Public Works Department
City of Gardena
1717 W. 162nd Street
Gardena, CA 90247-3778

Notice shall be given to the Contractor by personal delivery thereof to said Contractor or to his authorized representative at the site of the project, or by depositing the same in the United States mail, enclosed in a sealed envelope addressed to said Contractor at the address established for the conduct of the work under this Contract, postage prepaid and registered.

Notice shall be given to the Surety, or any other person, by personal delivery to said Surety or other person, or by depositing the same in the United States Mail, enclosed in a sealed envelope addressed to such Surety or persons at the address of said Surety or persons last

communicated to the party giving the notice, postage prepaid and registered.

Notification of Property Owners and Tenants - The Contractor shall notify each property owner and/or tenant in the project area in writing five (5) working days prior to the start of construction. If pedestrian or vehicular access to private property is to be blocked, the Contractor shall again notify each property owner and/or tenant in writing five (5) working days prior to construction activities. The Contractor shall provide additional notices when a lapse time occurs during each phase/segment work.

The written notice shall be submitted to the Engineer for approval prior to being delivered.

6-2 PROSECUTION OF THE WORK.

6-2.1 Contractor's Responsibility for Work. Until the formal acceptance of the work by the Agency, the Contractor shall have the charge and care thereof and shall, subject to the insurance protection furnished in accordance with the Section 1-7.6 and 5-4 hereof, bear the risk of accident, loss or damage to any part thereof by action of the elements or from any other cause, whether arising from the execution or from the non-execution of the work. The Contractor shall rebuild, repair, restore and otherwise correct damages to any portion of the work occasioned by any of the above causes before its acceptance.

In case of suspension of work from any cause whatsoever, the Contractor shall be responsible for all materials and the proper temporary storage thereof.

6-3 TIME OF COMPLETION.

6-3.1 General. The contract time shall begin per the City's written notification. Work must be completed within working days specified for the project. In addition, the Contractor shall notify the City 24 hours in advance of the actual commencement of work.

No work shall be undertaken during the City's holiday closures. It is the Contractor's responsibility to determine the City's closure dates.

6-9 LIQUDATED DAMAGES. The amount of liquidated damages is hereby amended to **$1,000.00** for each consecutive calendar day.

SECTION 7 – MEASUREMENT AND PAYMENT

7-1 MEASUREMENT OF QUANTITIES FOR UNIT PRICE WORK.

7-1.2 Method of Measure. The quantities shown on the Bid Schedule are approximate only. The Contractor will be paid for the actual quantities of work based on approved field measurements as provided for in these Specifications. The City reserves the right to increase or decrease the amount of any item or portion of work to be performed or materials furnished, or to delete any item, in accordance with the Specifications. Additional bid item work shall be completed within the total working days in these specifications. Additional working days maybe allowed with the approval of the engineer.

7-3 PAYMENT.

7-3.2 Partial and Final Payment. The Engineer will authorize monthly partial/progress payments per Section 7-3.2 of the Standard Specifications. Contractor's monthly invoice shall

be submitted on company letterhead. Each invoice submitted shall include: project name, date of invoice, progress payment number, and purchase order number. All bid items shall be included on each invoice and include unit, unit price bid, original quantity, amount, previous payment quantity and amount, current invoice payment quantity and amount, total project payment quantity and amount. In addition, any approved change orders shall be listed on invoice. Payment to Contractor typically takes 30 days from submittal of approved invoice. However, payments will be withheld pending receipt of any outstanding reports required by the Contract Documents.

7-3.3 Delivered Materials. The City will NOT honor or make any progress payments for materials ordered and delivered to the job site by the Contractor unless prior approval is obtained from the Engineer.

7-4 PAYMENT FOR EXTRA WORK.

7-4.3 EXTRA WORK. When work is performed on a "time and materials" basis, the following percentages shall be added to the Contractor's cost and shall constitute the markup for all overhead and profits:

1) Labor 20
2) Materials 15
3) Equipment Rental.....15
4) Other Items and Expenditures.....15

To the sum of the costs and markups provided for in this section, 1 percent shall be added as compensation for bonding.

When all or any part of the extra work is performed by a Subcontractor, the markup established above shall be applied to the Subcontractor's actual cost of such work. A markup of 10 percent on the first $5,000 of the subcontracted portion of the extra work and a markup of 5 percent on work added in excess of $5,000 of the subcontracted portion of the extra work may be added by the Contractor.

SECTION 8 – FACILITIES FOR AGENCY PERSONNEL

8-2 FIELD OFFICE FACILITIES. The Contractor shall provide the class of field office indicated below:

□ Class "A" □ Class "B" □ Class "C"

In the event none of the boxes are marked above, no specific field office will be required, and the use therefor of any field office will be at the Contractor's discretion. The location of any field office shall be as provided on the plans, in these Specifications or as designated by the Engineer.

END OF GENERAL PROVISIONS

TECHNICAL PROVISIONS

PEDESTRIAN SAFETY IMPROVEMENT 2022/2023
VARIOUS LOCATIONS
JN 993

PART 1 – TECHNICAL PROVISIONS

SECTION 1 – GENERAL

PREFACE: All work and materials shall conform to the "Standard Specification for Public Works Construction", 2021 edition, except as modified by the contract and these Technical Provisions.

Incidental Work - All work and materials required by the plans and specifications, and not specifically listed in the bid schedule items of work, shall be considered incidental and no additional payment shall be made therefore. Incidental items shall include, but are not limited to, mobilization; implementation of Best Management Practices for the protection of storm drain structures; adjusting utility access covers to grade; saw cutting; excavation and disposal of materials; survey; traffic control and coordination of utilities.

PART 2 – CONSRTUCTION MATERIALS

SECTION 200 – ROCK MATREIALS

200-2. UNTREATED BASE MATERIAL

200-2.1 General. The Contractor shall furnish Certified Weight Tickets for material delivered to the job site and deliver it to the Engineer or his representative before the end of the working day.

The City may hire a qualified soils engineer to perform all tests. If the material furnished by the Contractor fails any tests, the Contractor shall remove said material and shall complete the construction of the base with material acceptable to the Engineer at no extra cost to the City.

Costs for base material shall be incidental and included in the bid item of work for which it is required, and no additional payment will be allowed therefore.

SECTION 201 – CONCRETE, MORTAR, AND RELATED MATERIALS

201-1 PORTLAND CEMENT CONCRETE.

201-1.1.2 Concrete Specified by Class and Alternate Class. Concrete shall be 520-C-2500 for curb-gutter, curb ramps, driveways, sidewalk and concrete pavement. Curing compound shall be Type 2 (if required).

SECTION 203 – BITUMINOUS MATERIALS

203-6 ASPHALT CONCRETE.

203-6.4.1 Class and Grade. Asphalt hot mix shall be C2-PG64-10 for capping or finish course. Feather join edges shall be made along straight lines by hand raking out all heavy aggregates prior

to rolling to produce a smooth uniform surface. Compacted edge along gutter lip shall be 3/8 inch in height.

PART 3 – CONSTRUCTION METHODS

SECTION 300 - EARTHWORK

300-1 CLEARING AND GRUBBING.

In addition to the work outlined in Section 300-1, the following items of work are included under "Clear and Grub":

A. Providing clean topsoil and grading of parkways as directed by the Engineer to restore the parkway grades.
B. Replacement of damaged pipe curb drain, as well as the coring and/or reinstatement of pipe curb drains.
C. Protection or replacement of brick banding on driveway.
D. Protection of fences adjacent to and within the public right-of-way.
E. Relocation of existing signs and warning devices (City shall provide new poles as required.)
F. Painting new and repainting existing curb markings such as yellow, blue, white, green or red curb as well as curb addresses
G. Protect existing private/public irrigation systems, and repair irrigation systems damaged during construction.
H. Protection of all existing improvements (public or private), unless shown to be removed/relocated/adjusted as part of the construction. The Contractor shall repair or replace these items if damaged with new materials equal to the original or better, as required by the Engineer.
I. Protection of all utilities, walls, fences, hedges, buildings, concrete slabs, planters, and other private or public improvements not specifically shown to be removed as part of the construction. The Contractor shall replace these items, if damaged, with new material equal to the original or better, as required by the Engineer.
J. All complaints/claims resulting from reconstruction of concrete improvements will be forwarded to the Contractor. The complaint/claim will be fully rectified or the City will repair the item and deduct that amount from progress payment.

300-1.1.a General.

All existing improvements, including those on private property, shall be protected in place. Any damage to and removal of these improvements shall be repaired and replaced by the Contractor at his expense.

All excavated material shall be immediately hauled away and disposed of outside the project limits. The Contractor shall be responsible for all damages and claims that may arise as a result of this disposal.

300-12 EXCAVATION. Roadway excavation shall include saw cutting, excavating, removing, hauling, and disposing of all soil materials, existing asphaltic concrete pavement, PCC pavement, subgrade and similar appurtenances which are to be removed for construction of the street reconstruction as shown on the Plans. Earthwork, subgrade preparation and finishing

roadway shall confirm to the applicable requirements of Section 300 and 301 and other pertinent sections of the Standard Specifications for the various items involved. Payment for excavation shall be incidental and included in the appropriate unit price bid.

300-12.1 Asphalt Pavement Removal. The edges of asphalt pavement remaining in place shall be sawcut and shall have clean, solid vertical faces. The edges of asphalt pavement broken during construction shall be resawn and removed before surfacing material is placed at the expense of the Contractor.

All edges shall be parallel or perpendicular to curb faces except cuts around objects shall be on a curvilinear cut, a maximum 4 inches departure from the straight cut every 2 feet.

300-12.2 Concrete Removal. Concrete to be removed shall be sawcut to a minimum depth of 5 inches at score marks or as marked by the City. Sawed edges, broken or chipped during construction shall be resawn at the contractor's expense. Increase in concrete quantity due to resawing shall not be considered for payment. Upon concrete removal, the City Parks Superintendent shall be informed to check and approve all roots to be removed. If he determines the tree cannot be saved, removal and planting of a new tree shall be per unit cost.

All edges shall be parallel or perpendicular to curb faces except cuts around objects shall be on a curvilinear cut, a maximum of 4 inches departure from the straight cut within every 2 feet. The edges of Portland cement concrete remaining in place shall be sawcut and shall have clean, solid vertical faces.

The Contractor is responsible for inspecting each location prior to submitting a bid.

Excavation in the street section adjacent to concrete replacement shall be a minimum width of 1-foot and a minimum depth of 6-inches or 1-inch greater than the existing AC section if greater than 6-inches in depth.

Remove and replace defective concrete work with new materials. Permission to patch any defective areas shall not be a waiver of the Engineer's right to require complete removal of defective work if patching does not restore quality and appearance of work.

The Contractor may stockpile sand or clean fill dirt within the street, except arterial streets, between the curb and 8-feet out, for no longer than 72 hours in any one location with prior approval by the Engineer. The Contractor shall notify the fronting residence 24 hours prior to stockpiling any material. Said stockpile shall not block the flow line of the gutter and shall be barricaded with flasher-equipped barriers. The Contractor shall ensure that the street is swept clean upon vacating the stockpile site. No excavated or removed dirt or concrete may be stockpiled in any street overnight.

The Contractor shall remove all debris and perform all cleanup work to the satisfaction of the Engineer within 3 working days after forms have been removed at any location.

Concrete removed shall be replaced within five (5) days after removal. All restorations shall be completed a maximum of five (5) days after concrete placement (i.e. backfill, grading of dirt, asphalt repave etc.) One Hundred ($100) dollars per calendar day and location shall be charged to the Contractor for failure to comply with the above schedule as required by the Engineer.

SECTION 302 – ROADWAY SURFACING

302-5 ASPHALT CONCRETE (AC) PAVEMENT.

302-5.1 General. The Contractor shall establish designated asphalt truck routes and staging areas and shall communicate these routes and areas to truck drivers prior to the arrival at the job site. This plan must be approved by the Engineer five (5) days prior to paving.

302-5.3 Prime Coat. Prime coat shall be applied to all subgrade surfaces prior to asphalt hot mix surfacing. The prime coat shall be Grade SC-250 liquid asphalt uniformity per Green Book requirements.

302-5.4 Tack Coat. Asphalt tack coat shall be applied to all existing asphalt surfaces prior to asphalt overlay.

Existing surfaces shall be cleaned utilizing a power sweeper and free of water prior to applying PG 64-10 or SS-1h asphalt tack coat per Green Book requirements. Tack coat shall uniformly cover all areas to be paved.

302-5.5 Distribution and Spreading.
BOTTOM DUMPING OF ASPHALT PAVING SHALL NOT BE ALLOWED.

302.5.6.2 Density and Smoothness. Failed areas shall be removed and replaced at Contractor's expense.

302-15 ASPHALT TRACKING PAVEMENT AND MITIGATION. The purpose of this section is to address any tracking related problems caused by the Contractor. The City requires that all streets adjacent to the project remain track free during and after construction. Contractor shall prevent and mitigate asphalt tracking on all adjacent surfaces. The use of water or any other methods approved by the Engineer may be utilized. If tracking is present at the end of the work day, the Contractor shall use steam cleaning and a vacuum truck to remove tracking from all affected areas to the satisfaction of the Engineer.

SECTION 314 – TRAFFIC STRIPING, CURB AND PAVEMENT MARKINGS, AND PAVEMENT MARKERS

314-1 GENERAL. Furnishing and installation of traffic markings shall include all work required to place raised pavement markers, thermoplastic material and curb paint. Legends and crosswalks shall consist of thermoplastic material with glass bead finish.

Contractor shall make an inventory of all existing pavement legends, red curb, yellow curb, etc. including all other pre-existing pavement markings prior to construction. All pavement legends and curb markings shall be restored to pre-existing conditions unless otherwise directed.

Striping work and materials shall conform to the provisions of the Standard Specifications of the State of California, Department of Transportation, latest edition, and the Traffic Manual of the State of California, Department of Transportation. Installation of traffic markings shall be completed within 5 working days of paving.

314-4 APPLICATION OF TRAFFIC STRIPING AND CURB AND PAVEMENT MARKING.

314-4.1 GENERAL. Each fire hydrant in the project area shall be marked by placing a double-sided raised pavement marker with reflective blue markings on each side. The marker and adhesive shall be equivalent to Caltrans pavement markers.

Place one marker 6 inches from street centerline toward hydrant on a line projected approximately perpendicular to curb. Place two markers if hydrant is on a corner, one on each street.

PART 4 – EXISTING IMPROVEMENTS

SECTION 400 – PROTECTION AND RESTORATION

400-2 PERMANENT SURVEY MARKERS. The Contractor shall provide all surveying to complete the project and to replace any damaged monuments, benchmarks, ties, etc. All survey work shall be performed by a Land Surveyor registered by the State of California. Work shall be laid out and constructed so as to provide smooth profiles to adjacent improvements and drainage of all surfaces.

AFTER CONSTRUCTION, all existing survey monuments and ties lost due to construction shall be reestablished by the Surveyor. THE SURVEYOR SHALL ALSO ESTABLISH CENTERLINE MONUMENTS AND TIES AT ALL STREET AND ALLEY INTERSECTIONS WITHIN THE PROJECT LIMITS WHERE NONE EXISTED PRIOR TO CONSTRUCTION. A corner record of the monuments, benchmarks, ties, etc. established or reestablished shall be filed with the County Surveyor prior to the recordation of the Notice of Completion. A copy of the recorded corner records shall be given to the Engineer prior to final payment.

SECTION 401 - REMOVAL

401-3. CONCRETE AND MASONRY IMPROVEMENTS.

401-3.2 Concrete Curb, Walk, Gutters, Cross Gutters, Curb Ramps, Driveway, and Alley Intersections.

Concrete sidewalk construction shall include removal and disposal of existing interfering structures, tree roots, objects, soil, etc. Contractor shall remove and replace any inadequate existing base material with compacted CMB.

Any damaged utility boxes, traffic signal pull boxes, etc., shall be replaced. All boxes shall be adjusted to grade and all costs for this work shall be incidental and included in this item of work.

Concrete curb and gutter construction shall include removal and disposal of existing interfering structures, objects, soil, etc.

Curb & gutter to be replaced shall be installed at the same location as the existing on a straight grade across the limits of the replacement.

Removal, disposal and construction of adjacent 2-feet wide asphalt hot mix paving (C2 PG64-10) over 6-inch thick C.A.B. shall be included.

The Contractor shall regrade the area at the back of curb/gutter where the new curb/gutter is constructed at a different grade than existing curb/gutter. The graded area shall have a maximum slope of 3:1 and 2% in city parkways. Fill material, if required, for this grading shall be furnished by the Contractor. All landscaping and irrigation in the graded area shall be repaired.

Curb Ramp construction shall include removal and disposal of interfering structures, objects and soil. Ramp shall be 4" thick concrete over 6" thick C.A.B.

Included in this construction is the adjustment and protection of sweeps, conduits, pull boxes, utility access frames and covers to finished grade and protection of traffic detectors, stub-outs and homeruns. Traffic detectors damaged by the Contractor's operations shall be replaced at the Contractor's expense.

At locations where street lighting or traffic signal poles encroach into the curb ramp to be installed, concrete pedestals shall be constructed between finished grade and pole bases.

Removal, disposal and construction of adjacent curb & gutter, spandrel, cross gutter, and 24 in. wide hot mix asphalt paving (C2 PG64-10) over 6 in. thick C.A.B. shall be included. Ramp shall be poured separately from curb and gutter (min. 24hrs after curb and gutter).

The Contractor shall verify, with a “smart level”, that maximum ramp and sidewalk grades do not exceed maximum grades indicated on the project plans, when marking the required saw cut removal limits and when setting the concrete forms, prior to pouring any curb access ramp locations. It shall be the Contractor’s responsibility to supervise and utilize the proper experienced personnel to ensure that the proper saw cut limits are established for all access ramp locations and the Engineer shall not be responsible to direct the Contractor’s crews or otherwise serve in this management capacity.

The Contractor shall be responsible to layout the proposed access ramp to comply with the maximum grades indicated on the project plans. Typical construction tolerances to construct the new access ramp shall not apply and maximum grades indicated on the project plans shall not be exceeded. The Contractor shall be responsible to remove and reconstruct access ramps at his own cost if ramps are deemed non-compliant with the project plans and these Technical Provisions.

Where the type of access ramp includes a retaining curb at the back of access ramp to make up for a difference in elevation between the existing grade and access ramp grade, the construction of said retaining curb shall be considered as part of the access ramp work.

The access ramp construction work shall include all related adjustments of pull boxes, pull box covers, and protection of traffic signal poles and signs that fall within the proposed access ramp construction limits.

Special Note To Contractor:

Prior to constructing a curb ramp where physical site constraints do not allow the access ramp construction to fully meet the requirements/standard plans as indicated on the project plans, the Contractor shall so notify the Engineer for direction in advance of construction.

Curb ramp (modified) shall be per Section 18, except concrete spandrel shall be sawcut 6" from curb face and minimum asphalt replacement will be required if any.

Refer to City Standard ST-18 notes for additional requirements.

Driveways, approach, alley intersection, spandrels and cross gutters construction shall include removal and disposal of interfering structures, objects and soil.

Removal, disposal and construction of adjacent 2-feet wide hot mix asphalt paving (C2 PG64-10) over 6-inch thick C.A.B. shall be included.

Pavers or Brickwork. At the locations where pavers or brickwork exist, no additional compensation will be made for reinstallation. Should pavers or brickwork be damaged during removal, the replacement shall match existing.

The Contractor shall regrade the area at the back of sidewalk where the new sidewalk is constructed at a different grade than existing sidewalk. The graded area shall have a maximum slope of 3:1 and 2% in City parkways. Fill material, if required, for this grading shall be furnished by the Contractor. All landscaping and irrigation in the graded area shall be repaired.

All existing asphalt concrete ramping adjacent to the new sidewalk shall be removed and disposed of by the Contractor.

SECTION 402 – UTILITES

402-2 PROTECTION. The Contractor shall provide coordination with all utility companies involved and shall provide protection from damage to their facilities. The Contractor shall be responsible for repair or replacement to said facilities made necessary by its failure to provide required protection.

The Contractor shall be solely responsible to check all utility record maps, books, and/or other data in the possession of the CITY, other agencies, and/or all utility companies, and no allowance shall be made for any failure to have done so.

The Contractor shall utilize the services of “Underground Service Alert-Southern California” for utility locating in all public right-of-ways by calling 811 or 1-800-227-2600 at least 48 hours prior to any excavation.

Underground lines that are potentially hazardous such as oil company lines, natural gas mains, and electrical conduits will be carefully located by the owner as provided in the Standard Specifications. The Contractor shall take special precautions in determining the precise location and depth of these structures and coordinate work with the utility to ensure that they will not be damaged by its operations.

SECTION 403 – MANHOLE ADJUSTMENT AND RECONSRTUCTION

403-1 GENERAL. Adjustment of utility access openings shall include all work required to set access frames and covers flush with pavement. Adjustment of utility access openings shall be incidental to the associated item of work, and no additional payment will be made therefore.

SECTION 404 – COLD MILLING

404-1 GENERAL. Payment for cold milling pavement shall be according to the square feet of surface approved for milling irrespective of the actual area milled, the depth of milling, the number of passes required, or the pavement material milled. **There will be no compensation for over milling.**

The City has investigated the street section and determined that pavement section has variable depths of asphalt and Portland cement concrete pavement, however, any presence of pavement fabric, petromat or irregular material shall be included in the bid item price for "cold milling" and no extra payment shall be made.

Areas of distorted pavement shall also be cold milled to a smooth uniform surface.

COLD MILLED AREAS SHALL NOT REMAIN UNPAVED OVER MORE THAN ONE WEEKEND.

NOTE: ON LOCAL RESIDENTIAL STREETS, COLD MILLED AREAS SHALL NOT REMAIN UNPAVED OVER MORE THAN ONE DAY; ALL COLD MILLED AREAS SHALL BE PAVED THE FOLLOWING DAY.

PART 6 - TEMPORARY TRAFFIC CONTROL

SECTION 600 - ACCESS

600-1 GENERAL.

600-1.1 Public Convenience and Safety Access. The Contractor shall provide temporary "No Parking" and all other signs which are necessary for the safe and orderly conduct of vehicular traffic as directed by the Engineer and as specified herein. Contractor shall also provide an approval barricaded area in the parking lane for pedestrian traffic during such time as the parkway is unfit to be used for pedestrian traffic.

At such times as driveways are inaccessible due to the Contractor's work, they shall be blocked by two (2) Class II barricades or one (1) Class II barricade and two (2) delineators. Driveways that are ramped or planked for temporary access shall be provided with a barricade or delineator at each side. The Contractor shall give 24-hour notice to affected property owners prior to blocking any driveway.

The Contractor shall provide access for refuse collection on the regularly scheduled days. He shall also facilitate or assist in the collection where such work is hampered by his operations.

600-1.2 Street Closures, Detours, and Barricades. The Contractor shall not close any street within the City of Gardena without first obtaining the approval of the Engineer. Barricading, traffic control and detour diagrams in connection with street closures shall be submitted by the contractor as required by the Engineer.

The Contractor shall provide and install barricades, delineators, warning devices and construction signs in accordance with the California Manual of Temporary Traffic Controls or W.A.T.C.H. Handbook. During adverse weather or unusual traffic or working conditions additional traffic devices shall be placed as directed by the Engineer. All traffic signs and devices shall also conform to the California Manual of Temporary Traffic Controls or W.A.T.C.H. Handbook.

The Contractor shall provide and maintain Type II barricades along excavation edges parallel to the flow of traffic at a maximum spacing of twenty-five feet. Type II barricades mounted with flashers shall be installed around work areas in parkways. Type II barricades shall have alternating reflective orange and reflective white stripes at an angle of 45 degrees. The strip width shall be in accordance with Table 5-1 "Barricade Characteristics" "Manual of Traffic Controls for Construction and Maintenance Work Zones".

During paving operations, barricades may be supplemented with minimum size eighteen-inch high traffic cones and delineators such that spacing between barricades and/or cones or delineators is no greater than twenty feet. Traffic cones and delineators used within State right-of-way shall be a minimum size of twenty-eight inches high. At all access points such as intersecting streets, alleys and driveways, barricades and/or cones shall be provided at five-foot intervals so as to prevent vehicular access to the paving area. Where access from an intersecting street is prohibited, a “Road Closed” sign shall be provided at the nearest prior intersection. “No Left Turn” signs shall be provided wherever required by the Engineer.

When one-way access from a side street or alley is permitted, barricades and cones shall be provided at five-foot intervals for a distance of fifty feet on either side of the centerline of the intersecting street, or alley.

Should the Contractor fail to furnish a sufficient number of traffic and/or pedestrian safety devices, the Agency will place such necessary items and the Contractor shall be liable to the Agency for providing such devices in accordance with the following provisions:

1. For placing of barricades: $5.00 per barricade for the first day or any part thereof and $2.00 per barricade, per day, for each day thereafter or any part thereof. For flashers: $2.50 per flasher for the first day or any part thereof and $1.00 per flasher, per day, for each day thereafter or any part thereof. For traffic cones: $1.00 per cone for each day or any part thereof.

2. In the event that the services of the Agency are required between the hours of 5:00 P.M. and 8:00 A.M., during the normal week or at any time on Saturday, Sunday or a Agency holiday, there shall be an additional charge to the above set forth minimums of $188.00 for each service trip required.

Contractor shall relocate, preserve and maintain the visibility of all existing signs within the project limits which affect the flow of traffic, as directed by the Engineer. Any signs which are damaged or found to be missing during the course of construction shall be replaced by the Contractor at his expense as directed by the Engineer. All other signs that interfere with the course of work and are not necessary for the safe flow of traffic will be removed and replaced by the Agency. Traffic control signs include Stop Signs, Speed Limit, Parking Restrictions and other regulatory signs.

SECTION 601 – TEMPORARY TRAFFIC CONTROL FOR CONSRTUCTION AND MAINTENANCE WORK ZONES

601-1 GENERAL. A minimum of two (2) lanes (one lane in each direction) shall be maintained at all times for a continuous flow of traffic, except as otherwise approved by the Engineer.

Lane closures shall be allowed between 8:00a.m. and 4:00p.m. only. No traveled lane shall be closed overnight without prior City approval. Access to private property shall be maintained at all times.

"Temporary No Parking" signs shall be posted no more than 100 feet apart at least 72 hours prior to work. The signs shall be mounted on either 1” x 2” X 3’ high wood stakes, Type II barricades, or 39-inch high delineators. Signs shall not be posted on trees, traffic signal poles, utility poles, streetlights, or any other street furniture. Signs shall be professionally made of moisture-resistant, heavy duty cardboard or other approved material. "Temporary No Parking" signs shall be maintained by the contractor at all times and shall be approved by the Engineer prior to posting. Cover existing street signs as directed by the Engineer.

"Temporary No Parking" signs shall be implemented for one week only (M-F) at a time. Signs shall be removed and reposted each week as needed and approved by the City. Time on posting shall be 8:00 A.M. – 4:30 P.M. or as approved by the City.

DURING PAVING OPERATIONS, THE CONTRACTOR SHALL PROVIDE INDIVIDUALS AND EQUIPMENT DESIGNATED TO PERFORM AND MAINTAIN TRAFFIC CONTROL ONLY. The Contractor shall furnish, place and maintain all temporary traffic control devices required for the safe and orderly flow of vehicular and pedestrian traffic during construction. All Traffic control shall conform to the California Manual of Temporary Traffic Controls (California M.U.T.C.D.) or Work Area Traffic Control Handbook (W.A.T.C.H. Handbook).

If traffic control measures are not in conformance with these provisions, the project shall be stopped until conformance is attained to the satisfaction of the Engineer.

At locations where excavations are left open overnight, flashing barricades shall be placed along the excavation at a maximum spacing of 20 feet. A minimum of 3 flashing barricades shall be placed at any one excavation.

Temporary striping will be permitted only on base course and pavement to be overlaid. Temporary pavement markings to be placed on new asphalt shall be spaced at 25 ft maximum and shall be removable without damage to the new overlay. Method of temporary markings shall be submitted to the Engineer for approval at the preconstruction meeting.

The Contractor shall submit and obtain written approval of traffic control plans from the Engineer five (5) working days prior to implementing.

Temporary lane closures shall be allowed during working hours specified in these Technical Provisions. Temporary lane closures maintained beyond the normal working hours may have a negative economic effect on the local residential, commercial/industrial business, and traveling public. Unless the Contractor secures prior written approval from the Engineer to maintain temporary lane closures beyond the working hours allowed, the Engineer may deduct a fee from a progress payment or bond for each temporary lane closure maintained beyond the allowed working hours. The fee will be accessed at a rate of Five Hundred ($500) per each travel lane per each thirty (30) minute interval, or fraction thereof as required by the Engineer. In no event will work be allowed past 5 p.m.

PART 8 – LANDSCAPING AND IRRIGATION

SECTION 801 – INSTALLATION

801-4 PLANTING.

801-4.5 Tree and Shrub Planting. Tree species shall be 24” box (species as noted). Payment for this item shall include the following:

A. All material and work for planting of the tree.
B. One-year maintenance period. If a tree requires replacement within the on year maintenance period, the new tree shall also have a one year maintenance period from the date of acceptance.

Note: City will tag trees prior to installation. Total maximum distance to tag all trees shall be limited to 80 miles roundtrip and 3 locations. Otherwise, trees shall be brought to the City for approval prior to planting. Rejected trees shall be removed from the job site immediately.

801-4.5.1 Tree Removal. Remove and dispose of existing tree, stump and roots are supplemental provisions to Section 300-1.2 and 300-1.3 of the Standard Specifications. Grind roots minimum of 12" from top of grade. Backfill with select material and prepare for P.C.C. construction or tree replacement where shown.

Prior to removal of any tree, the following must be done:

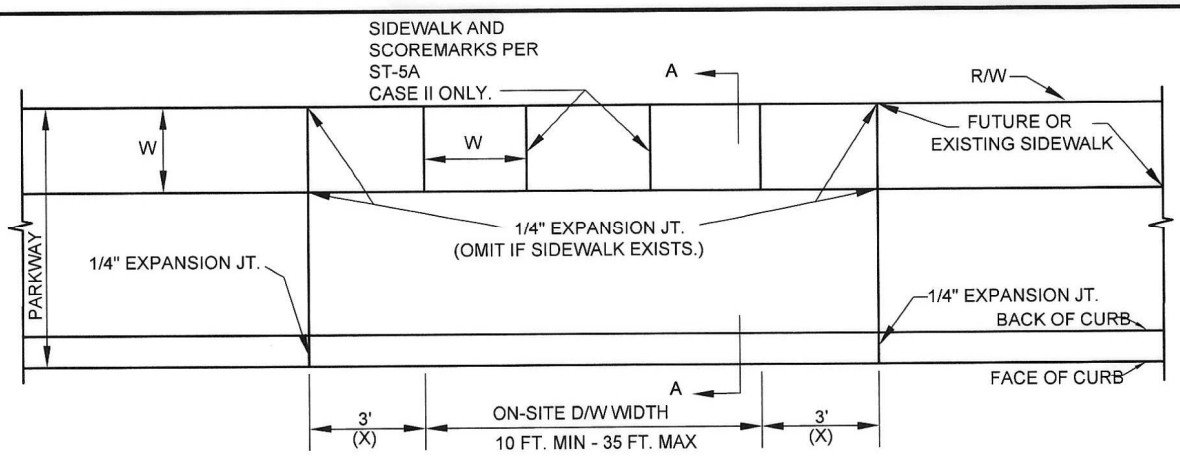
1. Remove all concrete within 20’ of the tree marked for removal.
2. Schedule City Parks Division to inspect the tree and roots.
3. Get written approval from Parks Division to remove tree.
4. If Parks Division determines the tree can be saved, reduce tree removal and planting item by one.

801-6 MAINTENANCE AND PLANT ESTABLISHMENT. Maintenance period shall be one year and shall commence after work has been completed and approved by the City of Gardena Council.

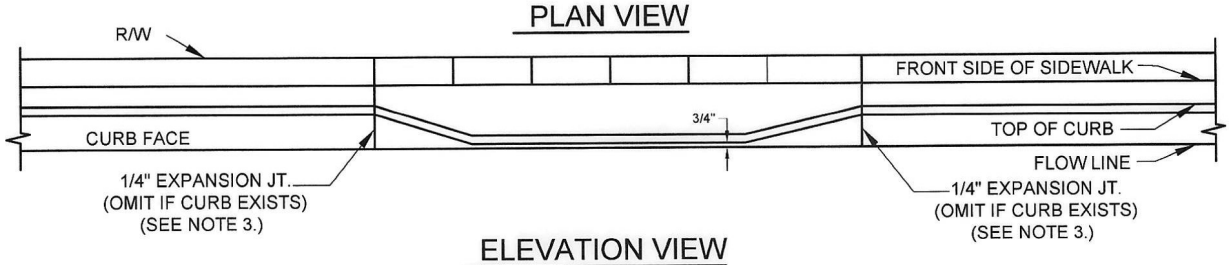
All trees shall be guaranteed by the contractor for the maintenance period. Contractor liability shall cover cost of labor, equipment and materials to replace trees of similar size during the covered period.

END OF TECHNICAL PROVISIONS

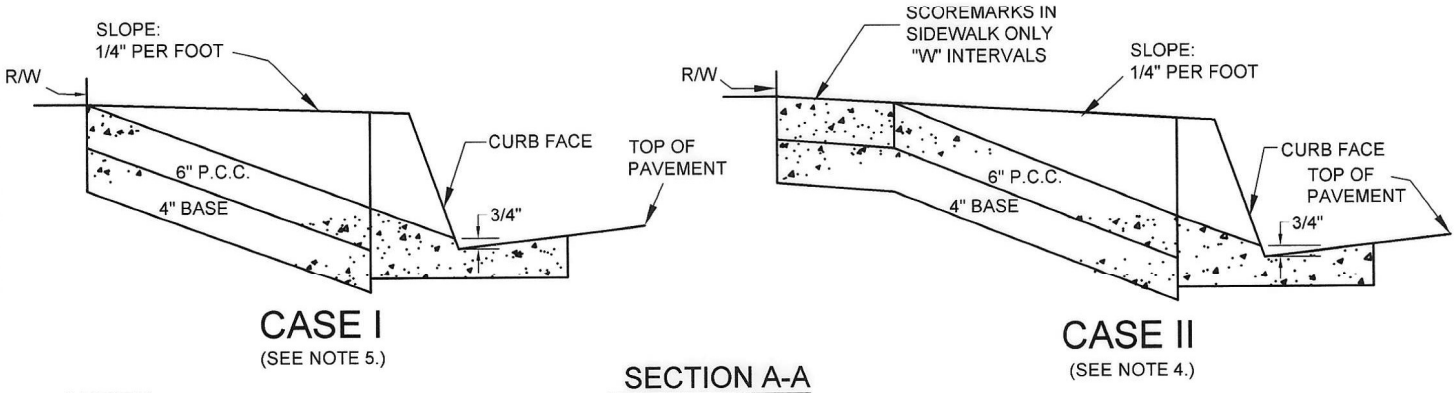
Appendix A
City Standards



PLAN VIEW



ELEVATION VIEW



CASE I
(SEE NOTE 5.)

CASE II
(SEE NOTE 4.)

SECTION A-A

NOTES:

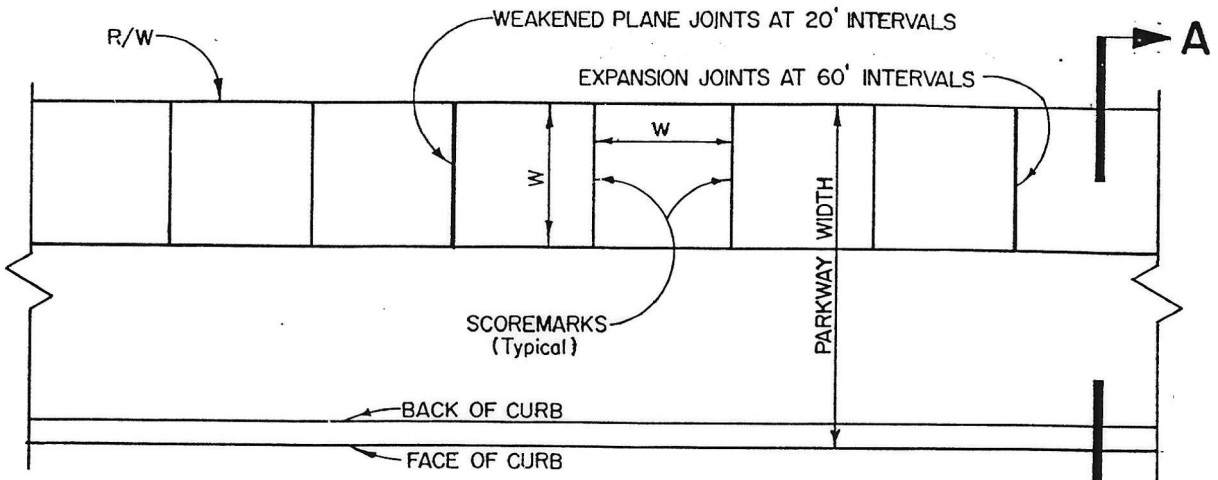
1. MINIMUM 20' OF FULL HEIGHT CURB REQUIRED BETWEEN DRIVEWAYS SERVING THE SAME LOT.
2. NO MORE THAN 60% OF LOT FRONTAGE SHALL BE USED FOR DRIVEWAY.
3. SAWCUT EXISTING CURB AT TOP OF "X" FOR JOIN.
4. WHEN PARKWAY IS 10' OR MORE, MEET SIDEWALK GRADE AT FRONT OF SIDEWALK.
5. WHEN PARKWAY IS LESS THAN 10', STRAIGHT GRADE FROM CURB DEPRESSION TO BACK OF SIDEWALK. REMOVE INTERFERING EXISTING SIDEWALK.
6. BASE SHALL BE CRUSHED AGGREGATE BASE PER "STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION" LATEST EDITION.
7. PORTLAND CEMENT CONCRETE SHALL BE CLASS 520-C-2500 PER "STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION" LATEST EDITION.
8. COARSE BROOM FINISH ON DRIVEWAY.
9. FINE HAIR BROOM FINISH ON SIDEWALK-CASE II ONLY.
10. 2' OF ASPHALT TO BE REMOVED WHEN REPLACING CURB AND GUTTER PORTION OF DRIVEWAY

CITY OF GARDENA | DEPARTMENT OF PUBLIC WORKS | ENGINEERING DIVISION

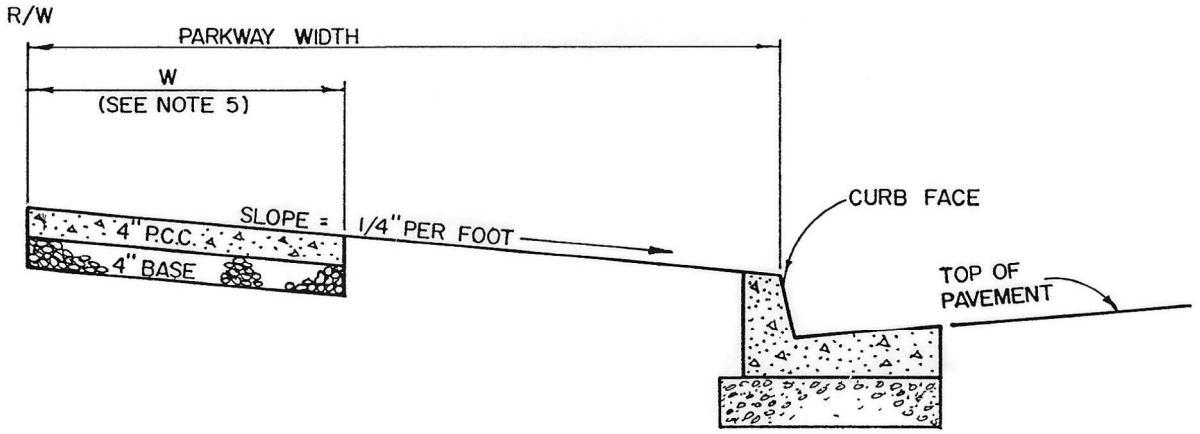
TITLE: RESIDENTIAL DRIVEWAY

APP. BY: _____ CITY ENGINEER — DATE: June 17, 2015

DESIGNED BY	JC	5/6/15	DWG. NO. ST-2
DRAWN BY	RS	5/6/15	
CHECKED BY	JF	5/6/15	



PLAN VIEW



SECTION A-A

NOTES:

1. ALL CONSTRUCTION SHALL BE IN CONFORMANCE WITH THE "STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION."
2. WHERE EXISTING CONCRETE IS TO BE REMOVED, IT SHALL FIRST BE SAWCUT AT THE NEAREST SCOREMARK.
3. BASE SHALL BE CRUSHED MISC. BASE PER "STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION
4. "W" SHALL BE A MINIMUM OF 5' ON ARTERIAL & COLLECTOR STREETS, AND A MINIMUM OF 4' ON LOCAL STREETS.
5. FULL PARKWAY SIDEWALK, CONSTRUCTED PER STANDARD ST-5B, IS PERMITTED FOR MULTIPLE RESIDENTIAL ZONES WHICH FRONT ON ARTERIAL OR COLLECTOR STREETS.
6. NO SAWCUT ON CONTROL LINES.

NOTE:
NEW SIDEWALKS WILL REQUIRE CRUSHED MISCELANEOUS BASE.
SIDEWALKS (REPLACEMENT OF SIDEWALK) RECOMPACT
EXISTING BASE MATERIAL.

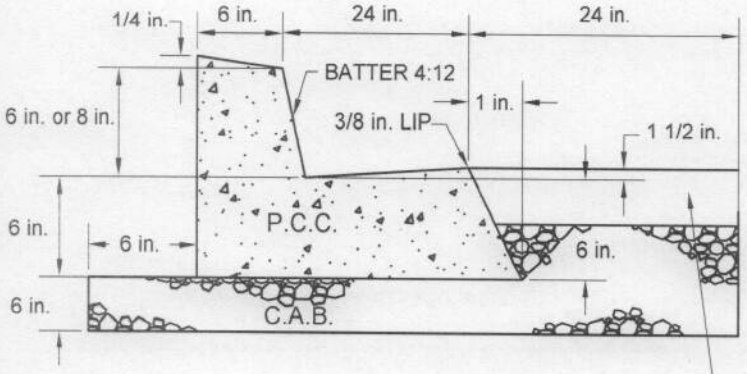
CITY OF GARDENA — ENGINEERING DIVISION

TITLE: **RESIDENTIAL SIDEWALK**

APP. BY: [signature] 12/16/98 DATE

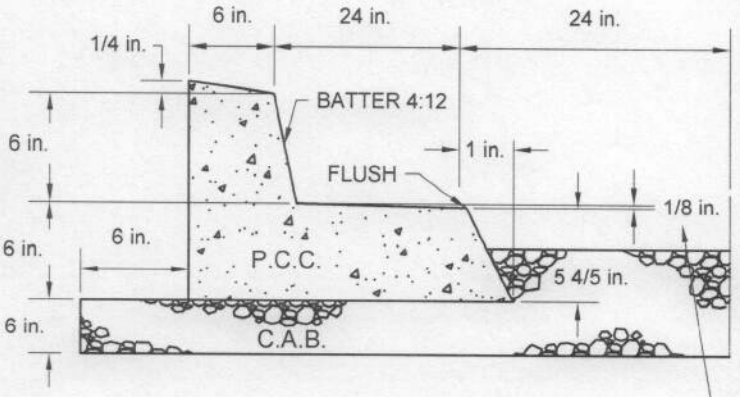
DESIGNED BY		
DRAWN BY	A.W.D.	12/16/98
CHECKED BY		

DWG. NO. ST - 5A



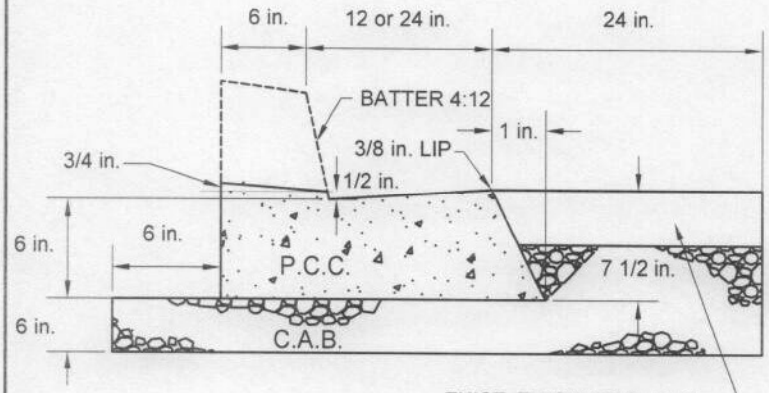
C-1

EXIST. THICKNESS + 1 in.
3 in. MIN. C2 PG 64-10
ASPHALT CONCRETE



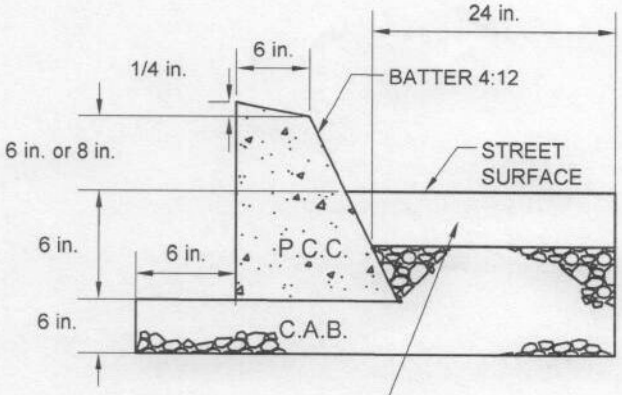
C-3

EXIST. THICKNESS + 1 in.
3 in. MIN. C2 PG 64-10
ASPHALT CONCRETE



C-2

EXIST. THICKNESS + 1 in.
3 in. MIN. C2 PG 64-10
ASPHALT CONCRETE



C-4

EXIST. THICKNESS + 1 in.
3 in. MIN. PG 64-10
ASPHALT CONCRETE

NOTES:

1. 1/2 IN. EXPANSION JOINTS SHALL BE PLACED EVERY 60 FT. WEAKENED PLANE JOINTS PLACED EVERY 20 FT.
2. BASE SHALL BE CRUSHED AGGREGATE BASE PER THE "STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION" LATEST EDITION.
3. PORTLAND CEMENT CONCRETE SHALL BE 520-C-2500 PER "STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION" LATEST EDITION.
4. ALL EXPOSED CORNERS ON P.C.C. CURBS AND GUTTERS TO BE ROUNDED WITH 3/4 IN. RADIUS.
5. ALL ASPHALT CONCRETE AND P.C.C. TO BE REMOVED SHALL BE SAWCUT AT REMOVAL LIMITS. (MIN 5 IN. SAWCUT.)

CITY OF GARDENA | PUBLIC WORKS DEPARTMENT | ENGINEERING DIVISION

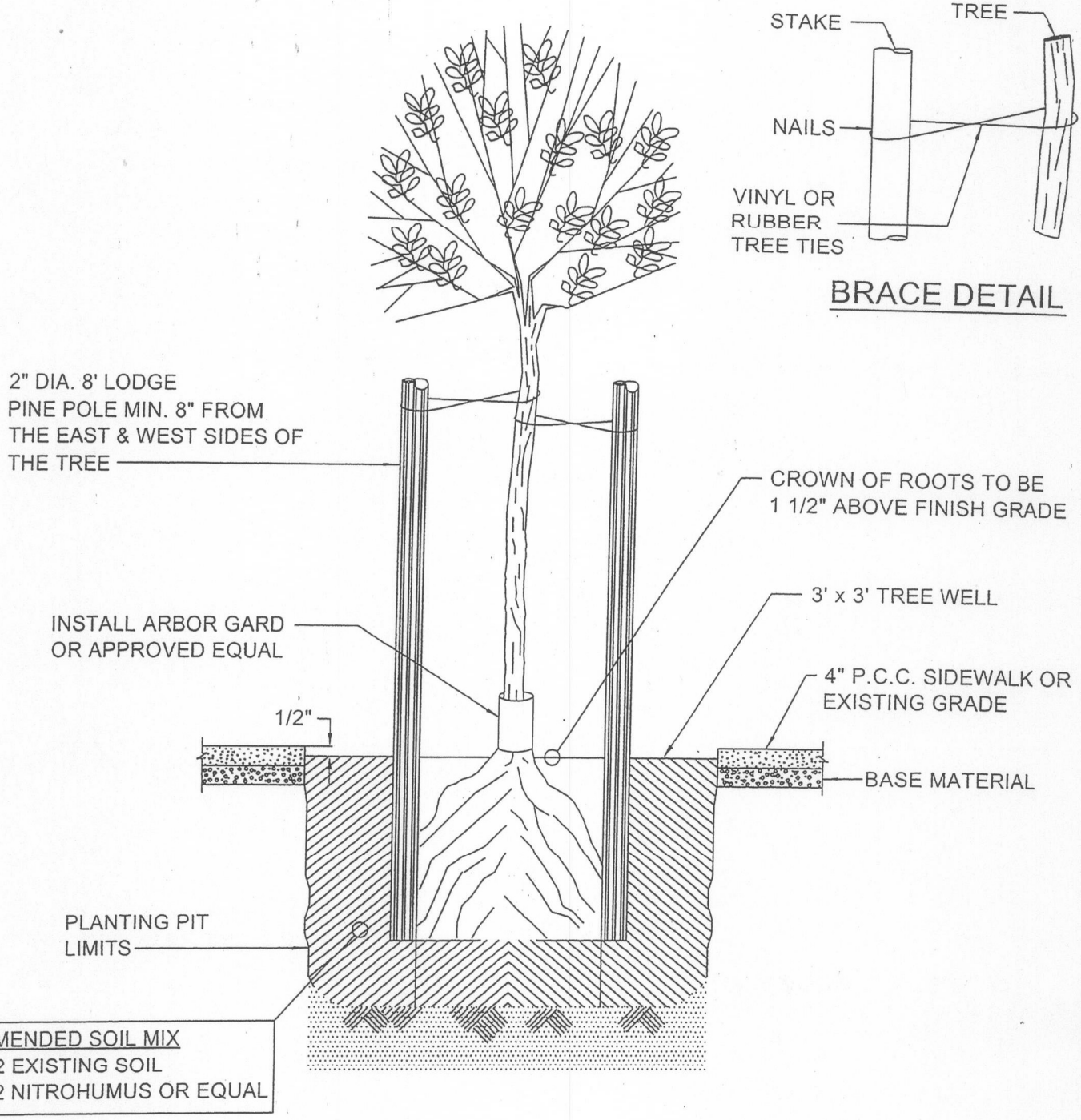
TITLE: CURB AND GUTTER

APP. BY: _____ CITY ENGINEER — 5/27/2015 DATE

DESIGNED BY	JC	5/6/15
DRAWN BY	RS	5/6/15
CHECKED BY	JF	5/6/15

DWG. NO. ST - 7

BRACE DETAIL



CITY OF GARDENA — ENGINEERING DIVISION

TITLE: **TREE PLANTING DETAIL**

APP. BY: J. Osborne 12-16-08 DATE

DESIGNED BY	JO	11-25-2008
DRAWN BY	RS	11-25-2008
CHECKED BY	JF	11-25-2008

DWG. NO. **ST - 11**

PEDESTRIAN SAFETY IMPROVEMENT 2022/2023
J.N. 513

NO.	ADDRESS	W	L	S/W (S.F.)	APCH (S.F.)	CURB & GUTTER (L.F.)	REMOVE TREE (EA.)	PLANT TREE (EA.)	TREE TO BE PLANTED	COMMENTS
1	2707 129th St.	4	16	64						
2	12911 Gramercy Pl. (129th)	4	104	416	196					
3	2908 133rd St.	4	16	64		10	1	1	Austrailian willow	City staff will inspect tree prior to removal
4	13336 St Andrews Pl (134th Pl)	4	20	80						
5	1824 134th Pl.	4	16	64						
6	2912 134th St	4	28	112		30				
7	13016 Arcturus Ave	4	12	48	84					
8	13015 Arcturus Ave	4	8	32						
9	13107 Arcturus Ave	4	16	64			1	1	Water gum tree	City staff will inspect tree prior to removal
10	13221 Arcturus Ave	4	109	436	8		1	1	Water gum tree	City staff will inspect tree prior to removal
11	13608 Casimir Ave	4	12	48						
12	13612 Casmir Ave.	4	28	112						
13	13621 Casimir Ave	4	24	96						
14	13901 Casimir Ave	4	35	140						
15	13107 Daleside Ave	4	20	80						
16	13112 Daleside Ave	4	12	48						

NOTE: SOME LOCATIONS MAY CHANGE. ALL AREAS ARE APPROXIMATE. ACTUAL LIMITS SHALL BE FIELD MARKED BY THE CITY.

PEDESTRIAN SAFETY IMPROVEMENT 2022/2023
J.N. 513

NO.	ADDRESS	W	L	S/W (S.F.)	APCH (S.F.)	CURB & GUTTER (L.F.)	REMOVE TREE (EA.)	PLANT TREE (EA.)	TREE TO BE PLANTED	COMMENTS
17	12912 Daphne Ave	4	12	48						
18	13024 Gramercy Pl.	4	32	128						
19	13303 Gramercy	4	14	56						
20	12915 Manhattan	4	24	96						
21	12916 Manhattan Pl.	4	12	48			1	1	Desert Willow	City staff will inspect tree prior to removal
22	13003 Manhattan	4	36	144		25	1	1	Desert Willow	City staff will inspect tree prior to removal
23	13007 Manhattan	4	20	80			1	1	Desert Willow	City staff will inspect tree prior to removal
24	13008 Manhattan	4	20	80		15			Desert Willow	
25	13019 Manhattan	4	12	48			1	1	Desert Willow	City staff will inspect tree prior to removal
26	13219 Manhattan	4	12	48		20	1	1	Desert Willow	City staff will inspect tree prior to removal
27	13003 Purche Ave	4	28	112			1	1	Bronze Loquat	City staff will inspect tree prior to removal
28	13011 Purche Ave	4	32	128						
29	13103 Purche Ave	4	25	100	84					
30	13107 Purche Ave	4	29	116						
31	13224 Spinning Ave	4	16	64	84					

NOTE: SOME LOCATIONS MAY CHANGE. ALL AREAS ARE APPROXIMATE. ACTUAL LIMITS SHALL BE FIELD MARKED BY THE CITY.

PEDESTRIAN SAFETY IMPROVEMENT 2022/2023
J.N. 513

NO.	ADDRESS	W	L	S/W (S.F.)	APCH (S.F.)	CURB & GUTTER (L.F.)	REMOVE TREE (EA.)	PLANT TREE (EA.)	TREE TO BE PLANTED	COMMENTS
32	**12911 Spinning Ave**	4	20	80		20	1	1	**Eastern Redbud**	**City staff will inspect tree prior to removal**
33	**13123 Spinning Ave**	4	12	48						
34	**AF 13200 Spinning Ave**	12	12	144						
35	**13331 St Andrews**	4	13	52						
36	**13408 Wilkie Ave**	4	8	32						
37	**13220 Wilkie Ave**	4	12	48						
38	**13204 Wilkie Ave**	4	12	48						
39	**13015 Wilton**	4	8	32			1	1	**Eastern Redbud**	**City staff will inspect tree prior to removal**
40	**2916 132nd St.**	4	12	48		20	1	1	**Bronze Loquat**	**City staff will inspect tree prior to removal**
41	**2912 132nd St.**	4	12	48		20	1	1	**Bronze Loquat**	**City staff will inspect tree prior to removal**

NOTE: SOME LOCATIONS MAY CHANGE. ALL AREAS ARE APPROXIMATE. ACTUAL LIMITS SHALL BE FIELD MARKED BY THE CITY.

DEPARTMENT of PUBLIC WORKS
1717 WEST 162nd STREET / GARDENA, CALIFORNIA 90247-3731 / WWW.CITYOFGARDENA.ORG / PHONE (310) 217-9568

NOTICE OF EXEMPTION

TO: ☐ Office of Planning & Research
1400 Tenth Street
Sacramento, CA 95814

☐ County Clerk / Registrar Recorder
ATTN: Environmental Filings Clerk
12400 East Imperial Highway, Room 1101
Norwalk, CA 90650

Project Title: Pedestrian Safety Improvement 2022/2023, JN 513

Project Location (Specific): Zone 1 - Various Locations

Project Location (City): Gardena **Location (County)**: Los Angeles County

Description of nature, purpose and beneficiaries of project: This project will remove and replace existing curb, gutter, sidewalk, and driveways.

Name of public agency approving project: City of Gardena

Name of person or agency carrying out project: City of Gardena

Exempt Status: (Check One)

☐ Ministerial: (P.R.C. Sec. 21080[b][1]; Guidelines Sec. 15268)
☐ Declared Emergency: (P.R.C. Sec. 21080[b][3]; Guidelines Sec. 15269[a])
☐ Emergency Project (P.R.C. Sec. 21080[b][4]; Guidelines Sec. 15269[b][c])
x Categorical Exemption: Section 15301 Class 1, Existing Facilities
☐Other: Guidelines Sec. 15061):

Reason why project is exempt: This project consists of minor alteration of existing public facilities and involves negligible or no expansion of use beyond that previously existing.

Contact person: Jose Espinoza **Telephone**: 310-217-9644

If filed by applicant:
1. Attach certified document of exempting finding.
2. Has a notice of exemption been filed by the public agency approving the project? ☐ Yes ☐ No

Date received for filing:

CLINT OSORIO Date
Environmental Quality Officer

NOTE: Exempt from Dept. of Fish & Game Wildlife Fee in accordance with de minimis impact finding (735.5[c])

TASHA CERDA, Mayor / RODNEY G. TANAKA, Mayor Pro Tem
PAULETTE C. FRANCIS, Councilmember / MARK E. HENDERSON, Councilmember / ART KASKANIAN, Councilmember
MINA SEMENZA, City Clerk / J. INGRID TSUKIYAMA, City Treasurer / CLINT OSORIO, City Manager / CARMEN VASQUEZ, City Attorney

CITY DISTRICTS MAP

DISTRICT 1

DISTRICT 2

DISTRICT 3

DISTRICT 4

DISTRICT 5

DISTRICT 6

NOT TO SCALE

CITY OF GARDENA
FREEWAY CITY
INCORPORATED 1930

City of Gardena

Gardena City Council Meeting

AGENDA REPORT SUMMARY

Agenda Item No. 16.B
Section: DEPARTMENTAL ITEMS - PUBLIC WORKS
Meeting Date: June 13, 2023

TO: THE HONORABLE MAYOR AND MEMBERS OF THE GARDENA CITY COUNCIL

AGENDA TITLE: Approve Catch Basin Trash Excluders Maintenance Agreement between the City of Gardena and Los Angeles County Flood Control District.

COUNCIL ACTION REQUIRED:

Staff Recommendation: Approve Catch Basin Trash Excluders Maintenance Agreement

RECOMMENDATION AND STAFF SUMMARY:

State Water Resources Control Board has promulgated water quality regulations including a statewide Trash Amendment that is applicable to cities located in the Dominguez Watershed. The City desires to achieve compliance with the Amendment by installing Trash Excluders within the City's catch basins that are owned by Los Angeles County Flood Control District.

Prior to installing the trash excluders, a maintenance agreement and a permit are required to be obtained by the City. The maintenance agreement is with the Los Angeles County Flood Control District. The permit is issued by the Los Angeles County Department of Public Works as they issue permits for work related to Los Angeles County Flood Control District facilities.

Cannon was hired to provide engineering design services for the catch basin inserts and has submitted all required documents to the County to secure a permit for installation of the trash excluders. The maintenance agreement is the last requirement for the County.

Staff recommends that the City Council approve the Catch Basin Trash Excluders Maintenance Agreement between the City of Gardena and the Los Angeles County Flood Control District.

FINANCIAL IMPACT/COST:

Estimated Maintenance Expenditures $68,250/Year
Funding Source: Measure "W"

ATTACHMENTS:

CB Trash Excluders Maintenance Agreement.pdf
COG Statewide Trash Provisions Implementation.pdf

APPROVED:



_____

Clint Osorio, City Manager

AGREEMENT NO. _____

AGREEMENT
(Option 1)

This AGREEMENT is entered into by and between the LOS ANGELES COUNTY FLOOD CONTROL DISTRICT, a body corporate and politic (hereinafter referred to as the LACFCD), and the CITY OF GARDENA a municipal corporation (hereinafter referred to as CITY).

RECITALS

WHEREAS, State Water Resources Control Board, has promulgated water-quality regulations, including a Statewide Trash Amendment, applicable to cities located in the _Dominguez_ Watershed; and

WHEREAS, CITY desires to achieve compliance with the Statewide Trash Amendment by installing TRASH EXCLUDERS (as hereafter defined) within catch basins owned by the LACFCD, located within CITY streets; and

WHEREAS, CITY will administer the procurement and installation of said TRASH EXCLUDERS;

NOW, THEREFORE, in consideration of the mutual covenants herein contained, the LACFCD and CITY hereto mutually agree as follows:

(1) DEFINITION:

a. TRASH EXCLUDER, as referred to in this AGREEMENT, shall mean any device, which partially blocks the opening or outlet of a catch basin to prevent trash from entering the storm drain system, including Automatic Retractable Screen devices (ARS) and Connector Pipe Screen devices(CPS).

(2) CITY AGREES AS FOLLOWS:

a. CITY shall prepare a list of locations and other information for the TRASH EXCLUDERS that CITY proposes to install on LACFCD catch basins, in a form prescribed by the LACFCD. Once completed by the CITY, the list shall be attached hereto as Exhibit A and be incorporated herein as if set forth in full.
b. CITY shall apply for and obtain a permit from the LACFCD for the installation of the TRASH EXCLUDERS identified on Exhibit A.
c. Upon completion of the installation of the TRASH EXCLUDERS in accordance with the terms and conditions of the permit from the LACFCD, CITY shall provide to the LACFCD an updated Exhibit A as necessary, to

reflect any differences between the proposed and the as-built conditions. Once approved by the LACFCD, the updated Exhibit A shall replace and supersede the prior Exhibit A.

d. CITY shall patrol areas in which any TRASH EXCLUDERS have been installed, during storm events, to verify that all TRASH EXCLUDERS are functioning properly and shall relieve any instances of plugging of any catch basin fitted with a TRASH EXCLUDER. CITY shall promptly repair or replace damaged TRASH EXCLUDERS. Requests for Service coming to the LACFCD to clean or service any catch basin identified on Exhibit A, during a storm event, will be forwarded to CITY for their prompt handling, action, and closure.

e. CITY shall pay each billing invoice sent by the LACFCD, as described in Section (3), below, within 30 days of the date of said invoice.

f. CITY shall indemnify, defend, and hold the LACFCD and the County of Los Angeles and their officers, employees, agents and contractors, harmless from and against any claims, demands, liability, damages or costs arising from or caused by the breach of any of the CITY'S obligations under this AGREEMENT, or the TRASH EXCLUDERS or any of them, except to the extent that such claim, demand, liability, damage or cost arises from or is caused by the negligent or wrongful act or omission of the LACFCD or the County or any of its officers, employees, agents, or contractors.

(3) LACFCD AGREES AS FOLLOWS:

a. CITY is authorized to utilize catch basins owned by the LACFCD and located within CITY, as identified in Exhibit A, for the purpose of installing, operating, and maintaining TRASH EXCLUDERS.

b. The LACFCD shall maintain, on behalf of CITY, all TRASH EXCLUDERS identified in Exhibit A in accordance with the maintenance standards delineated in Exhibit B, attached hereto. The LACFCD may modify these maintenance standards from time to time, provided the LACFCD provides CITY at least 60 days advance written notice of the modifications together with the LACFCD's reason(s) for making the modifications.

c. The LACFCD shall send a billing invoice to CITY, on a quarterly basis, itemizing the services performed and the costs incurred by the LACFCD in connection with the activities described in paragraph "b" above, during that quarter. The amounts billed to CITY shall be in accordance with the schedule of costs attached hereto as Exhibit C.

d. The LACFCD shall indemnify, defend, and hold the CITY and its officers, employees, and agents, harmless from and against any claims, demands, liability, damages or costs to the extent that such claim, demand, liability, damage, or cost arises from or is caused by any negligent or wrongful act

or omission of the LACFCD or any of its officers, employees, agents or contractors, in connection with the performance of any of the LACFCD'S obligations under this AGREEMENT.

b. The LACFCD shall include CITY within the protection of any indemnification clause contained in any ancillary contract procured by the LACFCD relating to the maintenance of the TRASH EXCLUDERS identified in Exhibit A.

c. The LACFCD shall pay CITY the amount of $15.25 in 2012 dollars, adjusted annually according the Consumer Price Index for all urban consumers in the Anaheim, Los Angeles, and Riverside areas, as published by the U.S. Government Bureau of Labor Statistics, per year, for each catch basin identified in Exhibit A. This amount represents the annual amount the LACFCD would otherwise have had to incur for removing trash and debris from the catch basins identified in Exhibit A, had CITY not installed TRASH EXCLUDERS in those catch basins.

(4) IT IS MUTUALLY UNDERSTOOD AND AGREED AS FOLLOWS:

a. The TRASH EXCLUDERS identified in Exhibit A are the property of CITY. The LACFCD shall retain ownership of the catch basins, exclusive of the TRASH EXCLUDERS.

b. CITY may, from time to time, with the prior consent of the LACFCD, install additional TRASH EXCLUDERS on or remove existing TRASH EXCLUDERS from LACFCD-owned catch basins. Prior to installing any new TRASH EXCLUDER or removing any existing TRASH EXCLUDER, CITY shall apply for and obtain a permit from the LACFCD for the installation or removal. Upon completion of the installation or removal in accordance with the terms and conditions of the permit, CITY shall provide to the LACFCD an updated Exhibit A to reflect the additional or removed TRASH EXCLUDERS and the updated Exhibit A shall replace and supersede the prior Exhibit A.

c. Termination

(i) CITY acknowledges that the LACFCD intends to retain a contractor to perform the operation and maintenance services on the TRASH EXCLUDERS described above. In the event that the LACFCD's contract with its contractor(s) is terminated or expires, the LACFCD may terminate this AGREEMENT in accordance with the following:

(1) LACFCD shall give CITY not less than 60 days prior written notice of the termination;

(2) CITY shall take over the operation and maintenance of the TRASH EXCLUDERS, and shall enter into a new Agreement with the LACFCD providing for said operation and maintenance of the TRASH EXCLUDERS by CITY.

(3) If CITY fails to enter into said new Agreement within 90 days of the written notice of the termination by the LACFCD, LACFCD may, in its sole discretion, provide CITY with a written notice to remove the TRASH EXCLUDERS, or any of them, and restore the affected catch basin(s) to a condition similar to or better than that which existed prior to installation of the TRASH EXCLUDERS.

(4) If the LACFCD provides CITY with a notice to remove the TRASH EXCLUDERS, CITY shall complete all work required to comply with the notice within ninety (90) days. If CITY fails to do so, the LACFCD may, in its sole discretion, complete said work at CITY'S expense.

(ii) CITY may take over the operation and maintenance of the TRASH EXCLUDERS, or any of them, by giving a thirty (30)-day prior written notice to the LACFCD of CITY'S intent to do so, and by entering into a new agreement with the LACFCD, for CITY to perform the operation and maintenance of the TRASH EXCLUDERS. Upon the execution of the new agreement by both CITY and the LACFCD, this AGREEMENT shall be deemed terminated.

(iii) CITY may unilaterally terminate this AGREEMENT without cause, in CITY'S sole discretion, at any time, by giving a thirty (30)-day prior written notice to the LACFCD. In the event this AGREEMENT is terminated, pursuant to this Section, the LACFCD may, in its sole discretion, provide CITY with a written notice to remove the TRASH EXCLUDERS, or any of them, and restore the affected catch basin(s) to a condition similar to or better than that which existed prior to installation of the TRASH EXCLUDERS. If the LACFCD provides CITY with such a notice, CITY shall complete all work required to comply with the notice within ninety (90) days. If CITY fails to do so, the LACFCD may, in its sole discretion, complete said work at CITY'S expense.

(iv) If CITY fails to comply with any of the terms or conditions of this AGREEMENT, the LACFCD may, in its sole discretion, terminate this AGREEMENT and provide CITY with a written notice to remove the TRASH EXCLUDERS, or any of them, and restore the catch basin(s) to a condition similar to or better than that which

existed prior to installation of the TRASH EXCLUDERS. If the LACFCD provides CITY with such a notice, CITY shall complete all work required to comply with the notice within ninety (90) days. If CITY fails to do so, the LACFCD may, in its sole discretion, complete said work at CITY'S expense.

(v) If the LACFCD removes any TRASH EXCLUDER pursuant to subparagraphs (i), (iii), or (iv), above, the LACFCD shall submit a billing invoice to CITY indicating the costs and expenses incurred by the LACFCD in connection with the removal of the TRASH EXCLUDER, specifically including any work required to restore the affected catch basin to a condition similar to that which existed prior to installation of the TRASH EXCLUDER, and CITY shall reimburse the LACFCD all such costs and expenses within thirty (30) days of the date of the billing invoice.

d. The LACFCD may remove any TRASH EXCLUDER if the LACFCD determines, in its reasonable discretion, that removal of the TRASH EXCLUDER is necessary to prevent or mitigate flooding of any public or private property. CITY expressly releases the LACFCD from, and waives, all claims for any damages, loss, costs, or expenses resulting from the LACFCD'S removal of any TRASH EXCLUDER pursuant to this paragraph. In such case, CITY may thereafter reinstall the TRASH EXCLUDER only after first consulting with the LACFCD with regards to the reasons for the removal and obtaining the LACFCD'S approval of the reinstallation. If CITY thereafter chooses to reinstall the TRASH EXCLUDER, it must do so at its sole expense.

e. The LACFCD is not responsible for assisting CITY with any regulatory compliance activities related to the TRASH EXCLUDERS including for example, conducting monitoring, weighing of trash, and reporting amounts of trash collected from inside catch basins where TRASH EXCLUDERS have been installed.

f. This AGREEMENT may be modified only by the mutual written consent of both parties.

g. This AGREEMENT contains the complete and final understanding of the parties in connection with the subject matter herein and shall supersede any and all previous contemporaneous oral or written agreements between the parties regarding said subject matter.

h. The provisions of this AGREEMENT shall be interpreted and enforced pursuant to the laws of the State of California.

i. Execution of AGREEMENT

(i) This AGREEMENT may be executed simultaneously or in any number of counterparts, including both counterparts that are executed manually on paper and counterparts that are in the form of electronic records and are executed electronically, whether digital or encrypted, each of which shall be deemed an original and together shall constitute one and the same instrument.

(ii) The LACFCD and CITY hereby agree to regard facsimile/electronic representations of original signatures of authorized officers of each party, when appearing in appropriate places on this AGREEMENT and on any addenda or amendments thereto, delivered or sent via facsimile or electronic mail or other electronic means, as legally sufficient evidence that such original signatures have been affixed to this AGREEMENT and any amendments thereto such that the parties need not follow up facsimile/electronic transmissions of such documents with subsequent (non-facsimile/electronic) transmission of “original” versions of such documents.

(iii) Further, the LACFCD and CITY agree that an electronic signature of any party may be used to authenticate this AGREEMENT or any amendment thereto, and if used, will have the same force and effect as a manual signature; acknowledge that if an electronic signature is used, the other party will rely on such signature as binding the party using such signature, and (iii) hereby waive any defenses to the enforcement of the terms of this agreement based on the foregoing forms of signature.

j. Any correspondence, communication, or contact concerning this AGREEMENT, shall be directed to the following:

CITY OF _GARDENA_:

Attn: Mr. Allan Rigg, PE AICP
1717 West 162nd Street_____
Gardena,_____ CA 90247
Telephone: (310) 217-9571

Los Angeles County Flood Control District
Los Angeles County Public Works
Stormwater Planning Division, 11th Floor
900 South Fremont Avenue
Alhambra, CA 91803-1331
Attention: Assistant Deputy Director
Phone No.: (626) 458-4300
Fax: (626) 458-1526
For emergencies, contact 626-458-HELP (4337)

The parties hereto have caused this AGREEMENT to be duly executed by their respective duly authorized officers on the dates indicated below.

LOS ANGELES COUNTY FLOOD
CONTROL DISTRICT,
a body corporate and politic

By _____
Chief Engineer

Date: _____

City of _Gardena____

By _____ Date: _____
City of Gardena Mayor

ATTEST:

_____
MINA SEMENZA, City Clerk

APPROVED AS TO FORM:

By _____
City Attorney

Cannon

CITY OF GARDENA

EXHIBIT A: CITY PROVIDES THE FOLLOWING INFORMATION

		http://dpw.lacounty.gov/fcd/stormdrain/disclaimer.cfm						Field Data								
No.	Device To Be Installed	LACFCD CB ID No.	Ownership	Drain Name	Street Name	Nearest Cross Street	Side of Street	CB Type (SPPWC Std. 2021)	Number of Grates	Sump (Y/N)	CB Width "W" (ft)	Curb Face Height "X" (in)	"Y" (V-X) (in)	V Depth (in)	Notes	Northing	Easting
1	CPS	1646223	LACFCD	BI 0537 - U2 LINE B	S NORMANDIE AVE	W 134TH ST	WEST	300-4	0	N	7	12	38	50		1790823.32	6471718.79
2	CPS	1646217	LACFCD	BI 0537 - U2 LINE A	W 135TH ST	ALMA AVE	SOUTH	300-4	0	N	7	12	38	50		1789756.16	6465343.57
3	NOT USED																
4	CPS	1646039	LACFCD	BI 0537 - U2 LINE C	EL SEGUNDO BLVD	S WESTERN AVE	SOUTH	300-4	0	N	10	8	45	53		1786930.59	6469884.13
5	CPS	1646203	LACFCD	BI 0537 - U2 LINE C	S WESTERN AVE	W 134TH ST	EAST	300-4	0	N	10	9	27	36		1788183.95	6466890.02
6	CPS	1646218	LACFCD	BI 0537 - U2 LINE A	HALLDALE AVE	W 135TH ST	WEST	300-4	0	N	14	12	41	53		1788218.19	6466568.03
7	CPS	1701137	LACFCD	BI 0537 - U2 LINE B	W 134TH ST	S NORMANDIE AVE	NORTH	300-4	0	N	10	12	38	50		1782543.35	6469143.94
8	CPS	1646058	LACFCD	BI 0537 - U2 LINE C	S WESTERN AVE	132ND ST	WEST	300-4	0	N	7	9	43	52		1788187.33	6466061.22
9	CPS	1646063	LACFCD	BI 0537 - U2 LINE C	S WESTERN AVE	W 130TH ST	WEST	300-4	0	N	7	10	80.5	90		1774218.96	6470587.42
10	CPS	1701120	LACFCD	BI 0537 - U2 LINE B	W 132ND ST	S NORMANDIE AVE	SOUTH	300-4	0	N	10	12	62	74		1783241.61	6469146.67
11	CPS	1701134	LACFCD	BI 0537 - U2 LINE A	W 133RD ST	S BUDLONG AV	NORTH	300-4	0	N	3.5	12	30	42		1777630.71	6470146.23
12	CPS	1701106	LACFCD	BI 0537 - U2 LINE C	EL SEGUNDO BLVD	S NORMANDIE AVE	SOUTH	300-4	0	N	7	8	42	50		1777633.51	6469816.71
13	CPS	1646298	LACFCD	BI 0537 - U2 LINE B	NORMANDIE AVE	W 134TH ST	EAST	300-4	0	N	10	12	37	49		1785276.12	6469125.97
14	CPS	1646035	LACFCD	BI 0537 - U2 LINE C	EL SEGUNDO BLVD	S HARVARD BLVD	SOUTH	300-4	0	N	10	8	44	52		1788220.73	6465858.02
15	CPS	1646220	LACFCD	BI 0537 - U2 LINE A	HALLDALE AVE	W 135TH ST	EAST	300-4	0	N	14	12	44	56		1786867.33	6470251.49
16	CPS	1646053	LACFCD	BI 0537 - U2 LINE C	W 132ND ST	S WESTERN AVE	SOUTH	300-4	0	N	10	12	56	68		1786868.24	6469905.51
17	CPS	1701171	LACFCD	BI 3501 - LINE A	W 139TH ST	S NORMANDIE AVE	NORTH	300-4	0	N	10	11	43	54		1780312.71	6468472.98
18	CPS	1647097	LACFCD	BI 0011	W 144TH ST	SAINT ANDREWS PL	NORTH	300-4	0	N	3.5	10	69	79		1786904.36	6470475.13
19	CPS	1647099	LACFCD	BI 0011	W 144TH ST	SAINT ANDREWS PL	SOUTH	300-4	0	N	3.5	10	55	65		1780307.54	6468513.98
20	CPS	1646270	LACFCD	BI 0011	ROSECRANS AVE	SAINT ANDREWS PL	NORTH	301-2	2	N	7	9	57	66	EACH GRATE = 3'-6" X 1'-6"	1790706.17	6463447.12
21	CPS	1646260	LACFCD	BI 0011	ROSECRANS AVE	GRAMERCY PL	SOUTH	300-4	0	N	3.5	13	54	67	EXISTING CURB INLET TRASH SCREEN	1787647.45	6471852.40
22	CPS	1646229	LACFCD	BI 3501 - LINE A	W 139TH ST	HALLDALE AVE	NORTH	300-4	0	N	21	9	45	54		1782373.10	6470856.27
23	CPS	1647098	LACFCD	BI 0011	W 144TH ST	SAINT ANDREWS PL	SOUTH	300-4	0	N	3.5	10	46	56		1786778.20	6470609.52
24	CPS	1647100	LACFCD	BI 0011	W 144TH ST	SAINT ANDREWS PL	NORTH	300-4	0	N	3.5	10	34	44		1786711.80	6470537.43
25	CPS	1647096	LACFCD	BI 3501 - LINE B	W 144TH ST	DENKER AVE	NORTH	300-4	0	N	7	10	59	69		1789580.52	6469899.17
26	CPS	1646230	LACFCD	BI 3501 - LINE A	W 139TH ST	HALLDALE AVE	NORTH	300-4	0	N	21	9	37	46		1792066.79	6470614.10
27	CPS	1646246	LACFCD	BI 3501 - LINE B	ROSECRANS AVE	DENKER AVE	NORTH	300-4	0	N	3.5	9	34	43		1782006.45	6470869.18
28	CPS	1646231	LACFCD	BI 3501 - LINE A	W 139TH ST	HALLDALE AVE	SOUTH	300-4	0	N	21	9	44	53		1786884.29	6471848.55
29	CPS	1646238	LACFCD	BI 0011	S WESTERN AVE	ROSECRANS	EAST	300-4	0	N	10	12	32	44		1782906.97	6462660.24
30	CPS	1648156	LACFCD	BI 3501 - LINE H	W 166TH ST	MANHATTAN PL	SOUTH	300-4	0	N	7	11	34	45		1784188.86	6473001.95
31	CPS	1647351	LACFCD	BI 0432 - LINE A	W 162ND ST	LA SALLE AVE	NORTH	300-4	0	N	3.5	10	32	42		1791783.60	6471390.99
32	CPS	1646311	LACFCD	BI 0537 - U2 LINE B - GARDENA	S NORMANDIE AVE	W 135TH ST	EAST	300-4	0	N	10	12	40	52		1785062.52	6467207.63
33	CPS	1646305	LACFCD	BI 0537 - U2 LINE B	S NORMANDIE AVE	W 132ND ST	EAST	300-4	0	N	14	12	63	75		1782248.16	6466457.34
34	CPS	1646216	LACFCD	BI 0537 - U2 LINE A	W 135TH ST	S WESTERN AVE	NORTH	300-4	0	N	14	12	27	39		1789466.01	6463559.62
35	CPS	1701136	LACFCD	BI 0537 - U2 LINE B	S NORMANDIE AVE	W 134th ST	EAST	300-4	0	N	10	12	48	60	COORDINATES NOT IN AVAILABLE INFO		
36	CPS	1646219	LACFCD	BI 0537 - U2 LINE A	HALLDALE AVE	W 135TH ST	EAST	300-4	0	N	14	12	42	54		1786327.36	6464025.85
37	CPS	1646222	LACFCD	BI 0537 - U2 LINE B	S NORMANDIE AVE	W 135TH ST	WEST	300-4	0	N	10	12	39	51		1786287.82	6464028.34
38	CPS	1646027	LACFCD	BI 0537 - U2 LINE C	EL SEGUNDO BLVD	HALLDALE AVE	SOUTH	300-4	0	N	10	8	43	51		1786326.38	6464286.89
39	CPS	1646215	LACFCD	BI 0537 - U2 LINE A	W 135TH ST	S WESTERN AVE	SOUTH	300-4	0	N	3.5	12	29	41		1786326.12	6464543.42
40	CPS	1701138	LACFCD	BI 0537 - U2 LINE B	S NORMANDIE AVE	W 134TH ST	EAST	300-4	0	N	10	12	41	53		1789526.85	6464566.74
41	CPS	1646214	LACFCD	BI 0537 - U2 LINE A	W 135TH ST	S WESTERN AVE	SOUTH	300-4	0	N	3.5	11	27	38		1786286.48	6464544.70
42	CPS	1646054	LACFCD	BI 0537 - U2 LINE C	S WESTERN AVE	W 132ND ST	EAST	300-4	0	N	14	12	40	52		1786331.34	6464810.84
43	CPS	1646213	LACFCD	BI 0537 - U2 LINE A	W 135TH ST	S WESTERN AVE	NORTH	300-4	0	N	14	12	29	41		1779326.12	6468152.04
44	CPS	1701121	LACFCD	BI 0537 - U2 LINE B	S NORMANDIE AVE	W 132ND ST	EAST	300-4	0	N	21	12	50	62		1789514.82	6465593.77
45	CPS	1646202	LACFCD	BI 0537 - U2 LINE C	S WESTERN AVE	W 134TH ST	WEST	300-4	0	N	7	9	40	49		1789540.77	6472030.24
46	CPS	1647382	LACFCD	BI 0306	RUTHELEN AVE	REDONDO BEACH BLVD	WEST	300-4	0	N	7	12	56	68	EXISTING CURB INLET TRASH SCREEN	1790754.84	6463373.93
47	CPS	1647377	LACFCD	BI 0619 - LINE F	REDONDO BEACH BLVD	S WESTERN AVE	NORTH	300-4	0	N	10	10	35	45		1789426.39	6470902.42
48	CPS	1647386	LACFCD	BI 0306	RUTHELEN AVE	REDONDO BEACH BLVD	WEST	300-4	0	N	7	10	32	42	EXISTING CURB INLET TRASH SCREEN	1789427.42	6470637.08
49	CPS	1703086	LACFCD	BI 0010	S NORMANDIE AVE	W 166TH ST	EAST	300-4	0	N	7	13	43	56		1786875.19	6466604.88
50	CPS	1647435	LACFCD	BI 0010	S NORMANDIE AVE	MARINE AVE	EAST	300-4	0	N	3.5	12	33	45		1789535.58	6470489.03
51	CPS	1702203	LACFCD	BI 0010	W GARDENA BLVD	S NORMANDIE AVE	NORTH	302-4	3	N	10	11	35	46	EACH GRATE = 3' 5" X 2' 2"	1786491.51	6469132.30

EXHIBIT A: CITY PROVIDES THE FOLLOWING INFORMATION																	
		http://dpw.lacounty.gov/fcd/stormdrain/disclaimer.cfm						Field Data									
No.	Device To Be Installed	LACFCD CB ID No.	Ownership	Drain Name	Street Name	Nearest Cross Street	Side of Street	CB Type (SPPWC Std. 2021)	Number of Grates	Sump (Y/N)	CB Width "W" (ft)	Curb Face Height "X" (in)	"Y" (V-X) (in)	V Depth (in)	Notes	Northing	Easting
52	CPS	1702202	LACFCD	BI 0010	S NORMANDIE AVE	W GARDENA BLVD	EAST	300-4	0	N	7	12	40	52		1786804.94	6463959.86
53	CPS	1646313	LACFCD	BI 0010	S NORMANDIE AVE	ROSECRANS AVE	EAST	300-4	0	N	10	12	93	105		1785896.16	6465243.36
54	CPS	1647042	LACFCD	BI 0010	S NORMANDIE AVE	MARINE AVE	WEST	300-4	0	N	3.5	12	38	50		1786885.36	6464553.70
55	CPS	1646255	LACFCD	BI 0010	S NORMANDIE AVE	ROSECRANS AVE	WEST	300-4	0	N	7	12	32	44		1786752.76	6469166.13
56	NOT USED																
57	CPS	1701232	LACFCD	BI 0010	ROSECRANS AVE	BERENDO AVE	SOUTH	300-4	0	N	3.5	9	41	50	EXISTING CURB INLET TRASH SCREEN	1791479.82	6467924.05
58	CPS	1701229	LACFCD	BI 0010	ROSECRANS AVE	S BUDLONG AVE	NORTH	300-4	0	N	3.5	9	39	48	EXISTING CURB INLET TRASH SCREEN	1782252.65	6466071.89
59	CPS	1702146	LACFCD	BI 0010	S NORMANDIE AVE	W 155TH ST	EAST	300-4	0	N	3.5	12	35	47		1784952.90	6471140.82
60	CPS	1646302	LACFCD	BI 0010	S NORMANDIE AVE	ROSECRANS AVE	EAST	300-4	0	N	14	12	39	51		1788124.31	6469315.30
61	CPS	1701230	LACFCD	BI 0010	ROSECRANS AVE	S BUDLONG AV	SOUTH	300-4	0	N	3.5	9	45	54	EXISTING CURB INLET TRASH SCREEN	1780904.43	6469317.92
62	CPS	1702200	LACFCD	BI 0010	S NORMANDIE AVE	W 164TH ST	EAST	300-4	0	N	3.5	12	37	49		1785379.00	6471211.39
63	CPS	1702139	LACFCD	BI 0010	S NORMANDIE AVE	W REDONDO BEACH BLVD	EAST	300-4	0	N	3.5	12	42	54		1785026.01	6471108.91
64	CPS	1702150	LACFCD	BI 3550 - U3 LINE B	W 155TH ST	NORMANDIE WAY	NORTH	300-4	0	N	6.5	9	55	64		1780253.57	6470061.29
65	CPS	1647264	LACFCD	CRENDENA DRAIN - LINE B	CRENSHAW BLVD	W 156TH ST	EAST	300-4	0	N	7	10	39	49		1779600.82	6470666.86
66	CPS	1647222	LACFCD	CRENDENA DRAIN - LINE B	CRENSHAW BLVD	W 154TH ST	EAST	300-4	0	N	7	10	48	58		1786775.50	6471218.35
67	CPS	1647266	LACFCD	CRENDENA DRAIN - LINE B	CRENSHAW BLVD	MANHATTAN BEACH BLVD	EAST	306-4	0	N	21	12	18	30	CURB OPENING AROUND CURVE	1785085.66	6470467.14
68	CPS	1647223	LACFCD	CRENDENA DRAIN - LATERAL G	W 154TH ST	CRENSHAW BLVD	NORTH	300-4	0	N	3.5	9	51	60		1786855.21	6472501.72
69	CPS	1647161	LACFCD	CRENDENA DRAIN - LATERAL B	W 147TH ST	CRENSHAW BLVD	NORTH	300-4	0	N	7	10	36	46		1780274.60	6469980.83
70	CPS	1647263	LACFCD	CRENDENA DRAIN - LATERAL G	W 154TH ST	CRENSHAW BLVD	SOUTH	300-4	0	N	7	10	47	57		1780053.60	6470754.27
71	CPS	1647224	LACFCD	CRENDENA DRAIN - LATERAL G	ATKINSON AVE	W 154TH ST	WEST	300-4	0	N	3.5	10	44	54		1779369.09	6470753.33
72	CPS	1647164	LACFCD	CRENDENA DRAIN - LINE A	CRENSHAW BLVD	W 147TH ST	EAST	300-4	0	N	7	11	34	45		1780025.59	6470781.98
73	CPS	1647265	LACFCD	CRENDENA DRAIN - LINE B	W 156TH ST	CRENSHAW BLVD	NORTH	300-4	0	N	10	9	45	54		1786900.49	6470540.89
74	CPS	1648159	LACFCD	BI 3501 - Line H	W 166TH ST	S WESTERN AVE	NORTH	300-4	0	N	14	12	23	35		1783582.12	6468486.75
75	CPS	1646306	LACFCD	BI 0432 - LINE D	VAN NESS AVE	ROSECRANS AVE	WEST	300-4	0	N	10	12	36	48		1780253.81	6469957.08
76	CPS	1646168	LACFCD	BI 0011	ROSECRANS AVE	PURCHE AVE	NORTH	301-2	2	N	7	9	52	61	EACH GRATE = 3'-6" X 1'-6"	1783181.32	6469127.21
77	CPS	1646226	LACFCD	BI 3501 - LINE A	W 139TH ST	BRIGHTON AVE	SOUTH	300-4	0	N	10	9	40	49		1790771.21	6464899.62
78	CPS	1702142	LACFCD	BI 3550 - U3 LINE B	RAYMOND AVE	W REDONDO BEACH BLVD	EAST	300-4	0	N	21	8	40	48		1785310.45	6471442.72
79	CPS	1702144	LACFCD	BI 3550 - U3 LINE B	S BUDLONG AVE	W REDONDO BEACH BLVD	WEST	300-4	0	N	14	8	68	76		1783322.05	6471173.19
80	CPS	1702145	LACFCD	BI 3550 - U3 LINE B	S BUDLONG AVE	W REDONDO BEACH BLVD	EAST	300-4	0	N	14	9	41.5	50		1786598.81	6463693.99
81	CPS	1702143	LACFCD	BI 3550 - U3 LINE B	W REDONDO BEACH BLVD	S RAYMOND AVE	NORTH	300-4	0	N	10	9	59	68		1789790.96	6464962.34
82	CPS	1702141	LACFCD	BI 3550 - U3 LINE B	S RAYMOND AVE	W REDONDO BEACH BLVD	WEST	300-4	0	N	14	9	36	45		1783136.78	6470789.94
83	CPS	1647163	LACFCD	CRENDENA DRAIN - LATERAL B	W 147TH ST	CRENSHAW BLVD	SOUTH	300-4	0	N	14	10	50	60		1782904.94	6462844.83
84	NOT USED																
85	CPS	1647313	LACFCD	BI 3501 - LINE G	W 162ND ST	GRAMERCY PL	SOUTH	300-4	0	N	14	11	39	50		1784175.52	6462675.30
86	CPS	1648161	LACFCD	BI 3501 - LINE H	S WESTERN AVE	W 166TH ST	EAST	300-4	0	N	3.5	12	29	41		1784129.50	6473087.90
87	CPS	1647038	LACFCD	BI 0432 - LINE B	W 154TH ST	S WESTERN AVE	SOUTH	300-4	0	N	3.5	10	31	41		1786802.53	6464553.35
88	CPS	1647317	LACFCD	BI 3501 - LINE F	SAINT ANDREWS PL	W 162ND ST	WEST	300-4	0	N	7	10	67	77		1785483.65	6465183.00
89	CPS	1647314	LACFCD	BI 3501 - LINE G	W 162ND ST	GRAMERCY PL	NORTH	300-4	0	N	7	10	33	43		1785491.97	6463430.11
90	CPS	1647231	LACFCD	BI 9819	ARCTURUS AVE	W 154TH ST	WEST	300-4	0	N	14	10	63	73		1786192.68	6467209.97
91	CPS	1646062	LACFCD	BI 0537 - U2 LINE C	S WESTERN AVE	W 130TH ST	EAST	300-4	0	N	10	9	39	48		1789536.43	6471969.47
92	CPS	1647372	LACFCD	BI 0432 - LINE A	LA SALLE AVE	W REDONDO BEACH BLVD	EAST	300-4	0	N	7	10	56	66	EXISTING CURB INLET TRASH SCREEN	1778277.71	6470583.40
93	CPS	1703079	LACFCD	BI 0010	S NORMANDIE AVE	W 169TH	EAST	300-4	0	N	3.5	12	38	50		1778955.47	6467479.92
94	CPS	1647383	LACFCD	BI 0306	RUTHELEN AVE	W REDONDO BEACH BLVD	EAST	300-4	0	N	7	13	67	80	EXISTING CURB INLET TRASH SCREEN	1778078.87	6472490.12
95	CPS	1702307	LACFCD	BI 0490 - LINE C	S VERMONT AVE	W 149TH ST	WEST	300-4	0	N	21	9	56	65		1780260.19	6467506.59
96	CPS	1647380	LACFCD	BI 0306	W REDONDO BEACH BLVD	RUTHELEN AVE	NORTH	300-4	0	N	7	13	67	80	EXISTING CURB INLET TRASH SCREEN	1789492.91	6470879.41
97	CPS	1647378	LACFCD	BI 0619 - LINE F	S WESTERN AVE	W REDONDO BEACH BLVD	WEST	300-4	0	N	10	10	43	53		1789426.81	6471230.13
98	CPS	1648228	LACFCD	WESTGRAD DRAIN - UNIT 1	S WESTERN AVE	W 180TH ST	EAST	300-4	0	N	7	8	45	53	COORDINATES NOT IN AVAILABLE INFO		
99	CPS	1647267	LACFCD	BI 1250 - U1 LINE B	MANHATTAN BEACH BLVD	CRENSHAW BLVD	SOUTH	300-4	0	N	3.5	12	52	64		1785471.49	6463878.02
100	CPS	1701222	LACFCD	BI 0010	ROSECRANS AVE	S BUDLONG AVE	SOUTH	300-4	0	N	7	9	41	50	EXISTING CURB INLET TRASH SCREEN	1790033.93	6470590.19
101	CPS	1647079	LACFCD	BI 0010	S NORMANDIE AVE	148TH ST	WEST	300-4	0	N	3.5	12	42	54		1791406.00	6467951.12
102	CPS	1702152	LACFCD	BI 0010	S NORMANDIE AVE	MAGNOLIA AVE	EAST	300-4	0	N	7	13	41	54		1786768.19	6467144.46
103	CPS	1647430	LACFCD	BI 0010	S NORMANDIE AVE	W 146TH ST	EAST	300-4	0	N	7	12	37	49		1789436.04	6469078.41

EXHIBIT A: CITY PROVIDES THE FOLLOWING INFORMATION								Field Data									
		http://dpw.lacounty.gov/fcd/stormdrain/disclaimer.cfm															
No.	Device To Be Installed	LACFCD CB ID No.	Ownership	Drain Name	Street Name	Nearest Cross Street	Side of Street	CB Type (SPPWC Std. 2021)	Number of Grates	Sump (Y/N)	CB Width "W" (ft)	Curb Face Height "X" (in)	"Y" (V-X) (in)	V Depth (in)	Notes	Northing	Easting
104	CPS	1647078	LACFCD	BI 0010	S NORMANDIE AVE	W 146TH ST	WEST	300-4	0	N	3.5	13	27	40		1787290.28	6471882.70
105	CPS	1701223	LACFCD	BI 0010	ROSECRANS AVE	S BUDLONG AVE	NORTH	300-4	0	N	7	9	32	41	EXISTING CURB INLET TRASH SCREEN	1789422.59	6471796.08
106	CPS	1702164	LACFCD	BI 0010	S NORMANDIE AVE	W 158TH ST	EAST	300-4	0	N	3.5	12	42	54		1786125.47	6467175.86
107	CPS	1647076	LACFCD	BI 0010	S NORMANDIE AVE	W 145TH ST	WEST	300-4	0	N	7	12	39	51		1790033.46	6470620.20
108	CPS	1648179	LACFCD	BI 0619 - LINE D	W 168TH ST	DENKER AVE	NORTH	300-4	0	N	3.5	10	33	43		1790785.45	6470555.23
109	CPS	1648182	LACFCD	BI 0619 - LINE D	DENKER AVE	W 169TH ST	WEST	300-4	0	N	3.5	11	37	48		1791351.96	6472072.33
110	CPS	1648181	LACFCD	BI 0619 - LINE D	DENKER AVE	W 169TH ST	EAST	300-4	0	N	3.5	10	43	53		1789439.65	6468558.07
111	CPS	1647354	LACFCD	BI 0432 - LINE A - GARDENA	S HARVARD BLVD	W 162ND ST	EAST	300-4	0	N	14	12	38	50		1790706.26	6468007.47
112	CPS	1648173	LACFCD	BI 0432 - LINE A - GARDENA	W 166TH ST	HALLDALE AVE	NORTH	300-4	0	N	3.5	12	33	45		1790044.03	6467958.45
113	CPS	1647074	LACFCD	BI 3501 - LINE I	MARINE AVE	S HARVARD BLVD	NORTH	300-4	0	N	7	9	68	77		1785750.52	6469227.24
114	CPS	1648193	LACFCD	BI 0432 - LINE E - GARDENA	W 170TH ST	HALLDALE AVE	NORTH	300-4	0	N	7	10	37	47		1790735.88	6463482.51
115	CPS	1648190	LACFCD	BI 0432 - LINE E - GARDENA	W 170TH ST	HALLDALE AVE	NORTH	300-4	0	N	7	10	40	50		1789504.82	6468454.90
116	CPS	1648174	LACFCD	BI 0432 - LINE A - GARDENA	HALLDALE AVE	W 166TH	WEST	300-4	0	N	3.5	12	30	42		1789496.52	6469995.32
117	CPS	1647371	LACFCD	BI 0432 - LINE A - GARDENA	LA SALLE AVE	W 158TH ST	WEST	300-4	0	N	3.5	10	39	49		1790759.00	6470579.28
118	CPS	1647434	LACFCD	BI 0010	S NORMANDIE AVE	W REDONDO BEACH BLVD	EAST	300-4	0	N	3.5	12	34	46		1777598.65	6470260.70
119	CPS	1647432	LACFCD	BI 0010	S NORMANDIE AVE	W 149TH ST	EAST	300-4	0	N	0	1	40	41	GRATE ON DRIVEWAY = 3'-6" X 2'-2"	1780854.52	6469252.59
120	CPS	1647075	LACFCD	BI 0010	W 145TH ST	S NORMANDIE AVE	NORTH	300-4	0	N	7	14	30	44		1786222.69	6469195.86
121	CPS	1702151	LACFCD	BI 0010	S NORMANDIE AVE	NORMANDIE AVE	EAST	300-4	0	N	7	12	50	62		1785780.44	6469227.75
122	CPS	1701139	LACFCD	BI 0537 - U2 LINE A - GARDENA	S BUDLONG AVE	W 134TH ST	WEST	300-4	0	N	10	12	38	50		1783221.58	6469127.08
123	CPS	1702162	LACFCD	BI 0010	W 158TH ST	S NORMANDIE AVE	NORTH	300-4	0	N	7	12	43	55	EXISTING CURB INLET TRASH SCREEN	1786183.16	6469130.15
124	CPS	1702153	LACFCD	BI 0010	MAGNOLIA AVE	S NORMANDIE AVE	NORTH	300-4	0	N	10	12	38	50		1788189.42	6470546.46
125	CPS	1647081	LACFCD	BI 3501 - LINE B	W 147TH ST	DENKER AVE	NORTH	300-4	0	N	3.5	12	64	76		1782049.07	6470782.39
126	CPS	1647094	LACFCD	BI 3501 - LINE B	W 145TH ST	DENKER AVE	NORTH	300-4	0	N	3.5	10	62	72		1785693.06	6470535.41
127	CPS	1647101	LACFCD	BI 3501 - LINE C	W 145TH ST	SAINT ANDREWS PL	NORTH	300-4	0	N	3.5	10	52	62		1778554.14	6469088.48
128	CPS	1647111	LACFCD	BI 3501 - LINE C	W 146TH ST	SAINT ANDREWS PL	SOUTH	300-4	0	N	3.5	10	48	58		1778924.88	6469957.90
129	CPS	1647082	LACFCD	BI 3501 - LINE B	W 147TH ST	DENKER AVE	NORTH	300-4	0	N	3.5	10	69	79		1786912.45	6473044.35
130	CPS	1647105	LACFCD	BI 3501 - LINE C	W 145TH ST	SAINT ANDREWS PL	SOUTH	300-4	0	N	3.5	10	40	50		1783609.39	6470523.00
131	CPS	1647086	LACFCD	BI 3501 - LINE B	W 146TH ST	DENKER AVE	NORTH	300-4	0	N	3.5	10	51	61		1787345.45	6473051.69
132	CPS	1647103	LACFCD	BI 3501 - LINE C	ST ANDREWS PL	W 145TH ST	WEST	300-4	0	N	3.5	10	36	46		1790418.57	6471756.52
133	CPS	1647090	LACFCD	BI 3501 - LINE B	W 145TH ST	DENKER AVE	SOUTH	300-4	0	N	7	10	56	66		1790800.94	6464933.26
134	CPS	1647104	LACFCD	BI 3501 - LINE C	ST ANDREWS PL	W 145TH ST	EAST	300-4	0	N	3.5	10	33	43		1790089.05	6467948.88
135	CPS	1647092	LACFCD	BI 3501 - LINE B	DENKER AVE	W 145TH ST	SOUTH	300-4	0	N	7	10	38	48		1780383.89	6470768.85
136	CPS	1647093	LACFCD	BI 3501 - LINE B	W 145TH ST	DENKER AVE	SOUTH	300-4	0	N	3.5	10	54	64		1780716.51	6470784.07
137	CPS	1647088	LACFCD	BI 3501 - LINE B	W 146TH ST	DENKER AVE	NORTH	300-4	0	N	3.5	10	65	75		1779727.27	6470737.45
138	CPS	1647091	LACFCD	BI 3501 - LINE B	W 145TH ST	DENKER AVE	NORTH	300-4	0	N	3.5	10	63	73		1782676.81	6470925.33
139	CPS	1647344	LACFCD	162TH ST DRAIN	DALTON AVE	W 162ND ST	EAST	300-4	0	N	14	9	73	82		1783570.42	6469148.03
140	CPS	1647341	LACFCD	162TH ST DRAIN	W 162ND ST	HALLDALE AVE	NORTH	300-4	0	N	3.5	10	26	36		1783551.59	6468559.85
141	CPS	1647339	LACFCD	162TH ST DRAIN	HALLDALE AVE	W 162ND ST	EAST	300-4	0	N	7	9	27	36		1778924.79	6469588.26
142	CPS	1701210	LACFCD	BI 3501 - LINE D	S BUDLONG AVE	140TH PL	EAST	300-4	0	N	7	10	47	57		1783551.90	6468464.25
143	CPS	1701213	LACFCD	BI 3501 - LINE D	S BUDLONG AVE	W 141ST ST	WEST	300-4	0	N	3.5	10	44	54		1782923.89	6469186.26
144	CPS	1647345	LACFCD	162TH ST DRAIN	DALTON AVE	W 162ND ST	NORTH	300-4	0	N	14	9	71	80		1784808.92	6472898.47
145	CPS	1648251	LACFCD	BI 3501 - LINE H	W 166TH ST	SAINT ANDREWS PL	NORTH	300-4	0	N	3.5	12	40	52		1784122.50	6473024.87
146	CPS	1648153	LACFCD	BI 3501 - LINE H	ST ANDREWS PL	W 166TH ST	WEST	300-4	0	N	10	10	51	61		1784672.45	6473132.27
147	CPS	1648151	LACFCD	BI 3501 - LINE H	W 166TH ST	GRAMERCY PL	NORTH	300-4	0	N	3.5	12	33	45		1780104.77	6462622.32
148	CPS	1648154	LACFCD	BI 3501 - LINE H	ST ANDREWS PL	W 166TH ST	EAST	300-4	0	N	10	10	60	70		1781634.54	6466839.39
149	CPS	1648148	LACFCD	BI 3501 - LINE F	W 166TH ST	GRAMERCY PL	NORTH	300-4	0	N	12	12	61	73	COORDINATES NOT IN AVAILABLE INFO		
150	CPS	1647311	LACFCD	BI 3501 - LINE F	GRAMERCY PL	W GARDENA BLVD	WEST	300-4	0	N	3.5	10	34	44		1782941.81	6462766.14
151	CPS	1648158	LACFCD	BI 3501 - LINE H	W 166TH ST	MANHATTAN PL	NORTH	300-4	0	N	7	9	48	57		1781848.42	6467366.28
152	CPS	1648152	LACFCD	BI 3501 - LINE H	W 166TH ST	SAINT ANDREWS PL	NORTH	300-4	0	N	3.5	11	50	61		1781859.26	6467465.95
153	CPS	1647324	LACFCD	BI 3501 - LINE F	S WESTERN AVE	W 162ND ST	WEST	300-4	0	N	21	9	62	71		1785470.97	6462616.92
154	CPS	1648185	LACFCD	BI 0432 - LINE E - GARDENA	DENKER AVE	W 169TH PL	WEST	300-4	0	N	7	10	53	63		1784885.81	6472499.86
155	CPS	1648171	LACFCD	BI 0432 - LINE A - GARDENA	DALTON AVE	W 166TH	WEST	300-4	0	N	3.5	12	30	42		1784863.13	6472458.95

EXHIBIT A: CITY PROVIDES THE FOLLOWING INFORMATION																	
		http://dpw.lacounty.gov/fcd/stormdrain/disclaimer.cfm						Field Data									
No.	Device To Be Installed	LACFCD CB ID No.	Ownership	Drain Name	Street Name	Nearest Cross Street	Side of Street	CB Type (SPPWC Std. 2021)	Number of Grates	Sump (Y/N)	CB Width "W" (ft)	Curb Face Height "X" (in)	"Y" (V-X) (in)	V Depth (in)	Notes	Northing	Easting
156	CPS	1647334	LACFCD	BI 0432 - LINE A	DENKER AVE	W GARDENA BLVD	EAST	300-4	0	N	3.5	12	30	42	EXISTING CURB INLET TRASH SCREEN	1786787.63	6468718.42
157	CPS	1648197	LACFCD	BI 0432 - LINE E - GARDENA	W 170TH ST	BRIGHTON AVE	NORTH	300-4	0	N	3.5	10	34	44		1785022.98	6472459.56
158	CPS	1647325	LACFCD	BI 3501 - LINE F	S WESTERN AVE	W 162ND ST	EAST	301-2	0	N	14	11	26	37		1786290.78	6469229.19
159	CPS	1647308	LACFCD	BI 3501 - LINE F	GRAMERCY PL	W GARDENA BLVD	WEST	300-4	0	N	3.5	10	56	66		1785388.84	6467208.64
160	CPS	1647229	LACFCD	BI 9819	W 154TH ST	S WILIKIE AVE	NORTH	300-4	0	N	21	10	38.5	48		1785790.25	6467109.44
161	CPS	1647364	LACFCD	BI 0619 - LINE B	W 158TH ST	HALLDALE AVE	NORTH	300-4	0	N	3.5	10	44	54		1781668.74	6466880.27
162	CPS	1647367	LACFCD	BI 0619 - LINE B	W 158TH ST	MERIT PARK DR	NORTH	300-4	0	N	7	10	62	72		1780881.64	6462603.82
163	CPS	1647363	LACFCD	BI 0619 - LINE B	HALLDALE AVE	W 158TH ST	WEST	300-4	0	N	7	10	46	56		1782012.86	6467793.06
164	CPS	1647253	LACFCD	BI 9819	SPINNING AVE	MANHATTAN BEACH BLVD	WEST	300-4	0	N	14	9	55	64		1786194.14	6467109.58
165	NOT USED																
166	CPS	1647232	LACFCD	BI 9819	W 154TH ST	ARCTURUS AVE	NORTH	300-4	0	N	7	10	56	66		1785755.28	6467108.93
167	CPS	1648218	LACFCD	BI 0432 - LINE C	W 182ND ST	HOBART	NORTH	300-4	0	N	7	9	55	64	COORDINATES NOT IN AVAILABLE INFO		
168	CPS	1647057	LACFCD	BI 0619 - LINE A	W 152ND ST	DENKER AVE	SOUTH	300-4	0	N	3.5	10	45	55		1783170.69	6467165.43
169	CPS	1648196	LACFCD	BI 0432 - LINE E - GARDENA	BRIGHTON WAY	W 170TH ST	WEST	300-4	0	N	3.5	10	34	44	COORDINATES NOT IN AVAILABLE INFO		
170	CPS	1647359	LACFCD	BI 0432 - LINE A	DENKER AVE	W REDONDO BEACH BLVD	WEST	300-4	0	N	7	12	43	55	EXISTING CURB INLET TRASH SCREEN	1776337.01	6471685.51
171	CPS	1648198	LACFCD	BI 0432 - LINE E - GARDENA	BRIGHTON AVE	W 170TH ST	EAST	300-4	0	N	3.5	10	42	52		1776202.46	6470596.10
172	CPS	1648186	LACFCD	BI 0432 - LINE E	DENKER AVE	W 170TH ST	EAST	300-4	0	N	3.5	10	32	42	COORDINATES NOT IN AVAILABLE INFO		
173	CPS	1647373	LACFCD	BI 0432 - LINE A	LA SALLE AVE	W REDONDO BEACH BLVD	WEST	300-4	0	N	7	12	32	44		1776172.08	6471963.28
174	CPS	1648211	LACFCD	BI 0432 - LINE C	W 180TH ST	DENKER AVE	NORTH	300-4	0	N	21	10	43	53		1776297.95	6473035.33
175	CPS	1702132	LACFCD	BI 0490 - LINE C	MARINE AVE	S VERMONT AVE	NORTH	300-4	0	N	10	9	38	47		1778883.50	6469760.18
176	CPS	1702105	LACFCD	BI 3501 - LINE E	148TH ST	BERENDO AVE	SOUTH	300-4	0	N	7	10	66	76		1791449.48	6468033.32
177	CPS	1702106	LACFCD	BI 3501 - LINE E	148TH ST	BERENDO AVE	NORTH	300-4	0	N	7	10	53	63		1781235.26	6471101.90
178	CPS	1702107	LACFCD	BI 3501 - LINE E	BERENDO AVE	148TH ST	WEST	300-4	0	N	7	10	54	64		1779838.23	6470677.70
179	CPS	1647245	LACFCD	BI 9819	VAN NESS	W 157TH ST	EAST	300-4	0	N	14	10	59	69		1786484.28	6467106.09
180	CPS	1648213	LACFCD	BI 0432 - LINE C	W 180TH ST	DENKER AVE	NORTH	300-4	0	N	14	10	34	44		1776124.34	6473217.63
181	NOT USED																
182	CPS	1702108	LACFCD	BI 3501 - LINE E	BERENDO AVE	148TH ST	EAST	300-4	0	N	7	10	42	52		1782361.15	6472731.20

EXHIBIT B
LOS ANGELES COUNTY FLOOD CONTROL DISTRICT
CATCH BASIN TRASH EXCLUDER
MAINTENANCE STANDARDS

Definitions

The following definitions apply to these maintenance standards:

a. TRASH EXCLUDER means any device which partially blocks the opening or outlet of a catch basin to prevent trash from entering the storm drain system, including Automatic Retractable Screen devices (ARS) and Connector Pipe Screen devices (CPS).

b. DRY SEASON means the period beginning on May 1 and ending September 30 of each year.

c. STORM SEASON means the period beginning October 1 and ending April 30 of each year.

d. MAJOR STORM EVENT means a storm with an intensity of one inch or more of rainfall per 12 hours, occurring within CITY. Countywide, an average storm season produces four major storm events.

Standards

1. Inspect all catch basins fitted with TRASH EXCLUDERS once during the DRY SEASON, once each month during the STORM SEASON, and once after each MAJOR STORM EVENT. The inspection should consist of a physical/visual assessment of the condition of each catch basin, including, but not limited to, the following:
   (i) Exterior damage
   (ii) Bent or missing protection bars
   (iii) Damaged manholes
   (iv) Damaged face plate
   (v) Other physical damage
   (vi) Visual verification of the TRASH EXCLUDER's mechanical parts (e.g., missing or damaged hardware, bolts, screws, etc.).
   (vii) Physical operation of any Automatic Retracting Screen installed as part of the trash excluder to verify that the Automatic Retracting Screen opens and closes freely, and locks in place in the closed position, as designed.
   (viii) Volume of trash in the catch basin as a percentage of the total storage volume of each individual catch basin.

2. Remove, during each inspection, all trash and debris found in front of curb opening or side opening catch basins fitted with a trash excluder, and on top or between the metal grates of grated catch basins fitted with a trash excluder and remove all vegetation growing across and/or blocking the basin opening during each inspection.

3. If, during an inspection, the Los Angeles County Flood Control District determines that the volume of trash and debris in a catch basin is at or above the 40 percent level, all trash and debris shall be removed from within the catch basin, including all trash and debris trapped by or adhering to the TRASH EXCLUDER(s) and all trash and debris in the connector pipe opening and in the connector pipe for a distance of six feet from the opening, within seven calendar days from the date of the inspection.

Exhibit C- Schedule of Costs

Los Angeles County Flood Control District (LACFCD)

Catch Basin (CB) Trash Inserts Maintenance - Estimated Unit Costs

BY INSERT(S) TYPE

	Type of Service	Storm Season [1]			Dry Weather Season [4]	Contract Admin/ Liability Insurance [5, 6]	Disposal [6]	LACFCD Reimbursement [7]	Annual Average Cost
		Occurrences [2]	Unit Cost	$/CB per Storm Year [3]	$/CB	14%	$/Year	Average $/CB	$/CB
CPS INSERTS ONLY	Inspection	7 Monthly	$14.79	$103.53	$39.69	$40.58	$20.00	$15.25	**$375**
		4 Post-Storm	$12.90	$51.60					
	Cleanout	4 Post-Storm	$33.69	$134.76					
CPS & ARS INSERTS	Inspection	7 Monthly	$14.79	$103.53	$39.69	$40.58	$20.00	$15.25	**$375**
		4 Post-Storm	$12.90	$51.60					
	Cleanout	4 Post-Storm	$33.69	$134.76					
ARS INSERTS	Inspection	7 Monthly	$14.79	$103.53	$39.69	$19.21	$1.00	$15.25	**$182**
	Cleanout	1	$33.69	$33.69					

AS-NEEDED SERVICES

	Type of Service	Per CB Cost Estimate
ALL INSERT TYPES	As-Needed Replacement of Insert	**$ 62.00 / Hr + Parts**
ARS INSERTS	As-Needed Monitoring and Measuring of Trash	**$ 33.69 / Hr**

1) Storm Season is from October 1 to April 30.
2) During the storm season, there will be 7 monthly inspections from October to April and as-needed post-storm inspections and cleanings. The as-needed post-storm maintenance is estimated based on an Average Storm Season. An "Average Storm Season" is defined as having 4 Major Storms. "Major Storms" are storms with rainfall intensity of more than 1 inch of rain in 12 hours. It is estimated that there will be an average of 4 inspections and cleanouts per storm season.
3) Actual number of cleanouts and inspections during storm season will be based on storm frequency. Thus, Cities may have to pay more or less than the estimated yearly inspection/cleanout cost. Cities will be billed for actual expenditures based on the number of cleanings and inspections. LACFCD has the discretion to combine the monthly and post-storm inspection as one inspection if the interval is less than one (1) week. If so, Cities will not be billed for two inspections.
4) Dry Season is between May 1 and September 30 of each year. There is one inspection/cleanout during the Dry Season and is done in one visit.
5) Liability insurance and contract administration are estimated to be 4% and 10%, respectively, of the total cost of the maintenance services.
6) The table shows estimated costs for contract administration, liability insurance, and disposal but Cities will be billed for actual costs.
7) This is the amount the LACFCD would have spent cleaning the catch basin without an insert. It was calculated using the average total cost for the last 5 years (2006-2011), including contract administration costs.

2012 Dollars
(Exhibit Pending Update)

DEPARTMENT of PUBLIC WORKS
1717 WEST 162nd STREET / GARDENA, CALIFORNIA 90247-3731 / WWW.CITYOFGARDENA.ORG / PHONE (310) 217-9568

March 31, 2021

Ms. Angineh Shahnazarian, Storm Water Permitting Unit
Los Angeles Regional Water Quality Control Board
320 W 4th Street #200, Los Angeles, CA 90013
Electronically submitted to: MS4stormwaterRB4@waterboards.ca.gov

Subject: City of Gardena Statewide Trash Provisions Implementation Update

Dear Ms. Shahnazarian:

The June 26, 2019, Los Angeles Regional Water Quality Control Board (Regional Board) Executive Officer, Statewide Trash Provisions, Approval with Conditions, letter directed the City of Gardena to provide the Board with the attached update by March 31, 2021.

As you recall, our February 15, 2019, Implementation Status Technical Memorandum, predicated construction (installation) of Connector Pipe Screen (CPS) and Automatic Retracting Screen (ARS) trash capture systems on receipt of Safe Clean Water Program (SCWP) Municipal Program Transfer Agreement (MPTA) support. Receipt of those funds was delayed until last month, after which City Staff began developing applicable construction bid documents. During the interim, the City: 1) identified, and added, several catch basins to the City inventory; 2) provided the Board with a status update as part of our 2019-20 Permit Year Annual Report; 3) conducted a visual land use trash assessment substantially verifying the land use prioritization contained in the state order; and 4) developed a priority land use based phased approach to installation of additional Full Capture System Equivalency (FSCE) devices.

Please feel free to call me at (310) 217-9643, or by email at kkwak@cityofgardena.org, if you have any questions or need additional information.

Respectfully submitted,



Kevin Kwak, PE
City of Gardena, Principal Civil Engineer

Enclosure: Technical Memorandum

TASHA CERDA, Mayor / MARK E. HENDERSON, Mayor Pro Tem
PAULETTE C. FRANCIS, Councilmember / ART KASKANIAN, Councilmember / RODNEY G. TANAKA, Councilmember
MINA SEMENZA, City Clerk / J. INGRID TSUKIYAMA, City Treasurer / CLINT OSORIO, City Manager / CARMEN VASQUEZ, City Attorney

TECHNICAL MEMORANDUM

To:	Angineh Shahnazarian, Storm Water Permitting Unit, Los Angeles Regional Water Quality Control Board Ivar Ridgeway, Chief of Storm Water Permitting Unit, Los Angeles Regional Water Quality Control Board
From:	Gerald Greene, Director of Stormwater, CWE
Date:	March 31, 2021
Subject:	**Response to the June 26, 2019, Approval, with Conditions, of City of Gardena's Implementation Method; Water Code Section 13383 Order to Submit Method to Comply with Statewide Trash Provisions; Requirements for Phase I Municipal Separate Storm Sewer System (MS4) Permittees in the Los Angeles Region**

1. Introduction

On April 7, 2015, the California State Water Resources Control Board (SWRCB) adopted Trash Provisions, revising the Inland Surface Waters, Enclosed Bays, and Estuaries, Water Quality Control Plan, to phase in statewide litter controls for priority land uses including: (1) high density residential, (2) industrial, (3) commercial, (4) mixed urban, and (5) public transportation stations. By August 18, 2017, the Los Angeles Regional Water Quality Control Board (LARWQCB) had issued Water Code Section 13383 Investigative Order, directing applicable Phase I Municipal Separate Storm Sewer System (MS4) National Pollutant Discharge Elimination System (NPDES) Permittees, such as the City of Gardena, to identify a plan to implement these provisions following either Track 1, Full Capture System (FCS) installation, or Track 2, Full Capture System Equivalency (FCSE) assurance. The City of Gardena (City) responded to this order, in writing on November 20, 2017, advising the LARWQCB of its intent to follow a Track 2 implementation strategy, which allows the use of an integrated and iterative combination of Trash Full Capture Systems or FCSE, Multi-Benefit Watershed Control Measures (WCMs), Treatment Controls, Public Advocacy and/or Institutional Control Assessments. Subsequently, on February 15, 2019, the City reported upon its trash source control efforts and proposed ongoing implementation steps to achieve compliance with the statewide trash provisions, which was then approved, subject to the conditions reported upon in the following sections, by the LARWQCB Executive Officer, in a June 26, 2019 letter.

2. Catch Basin FCSE Retrofitting Status Report

As was summarized in the City of Gardena MS4 Permit Annual Report, submitted to the LARWQCB on December 15, 2020, the third phase installation of Full Capture Device (FCD) certified Connector Pipe Screens (CPS) FCDs in City-owned catch basins was delayed due to circumstances not foreseen in early 2019. First, Safe Clean Water Program (SCWP) Municipal Program Transfer Agreement (MPTA) support was not received until February 2, 2021. Second, the CoViD-19 pandemic has greatly disrupted normal City processes including construction contracting and City revenue collections. Third, as shown in **Figure 3-1**, many of the catch basins prioritized in early 2017, were determined to have been selected based on Agency ownership, rather than catchment land use type, and did not require retrofitting under the statewide trash provisions. In summary, and as previously reported, the City of Gardena has retrofitted one hundred sixty-one (161), of two hundred thirty (230), City-owned catch basins with CPS and Automatic Retracting Screens (ARS). In addition, five Los Angeles County Flood Control District (LACFCD) catch basins, that appeared structurally deficient, were retrofitted with just ARS. In total, the City has protected 166, of 866, catch basins within its jurisdiction.

3. Priority Land Use Based Visual Assessments

In early 2021, the City of Gardena directed CWE to perform the required visual trash monitoring assessments which, although both spatially and temporarily variable, generally validated the priority land use recommendation contained in the statewide trash provisions. During each visual trash assessment, field personnel, wearing appropriate Personnel Protection Equipment (PPE), walked up to one thousand feet or five minutes assessing litter and debris, with the potential to be conveyed within the MS4, within the public Right of Way (ROW) between the back of sidewalk and street crown. Trash unlikely to enter the MS4, such as trapped within a fence, was excluded. Vegetation such as leaves, grass, flowers, or seed pods were not included in the assessment of trash. Assessments did not occur within seventy-two hours of the cessation of rainfall and street sweeping characteristics were recorded.

As anticipated in the statewide provisions, single family residential areas, such as those shown in **Figure 3-2**, typically contained low levels of trash (Little to no trash observed during assessment; although there could be several pieces in an area, they are not obvious during a casual glance). Despite being swept twice per week, commercial and public transportation areas, as shown in **Figure 3-3**, had moderate levels of trash, meaning they were mostly free of trash, except for several easily observed pieces that could quickly be picked up by one person, and higher Daily Generation Rates (DGR), than other non-industrial areas. Multi-family residential areas, as shown in **Figure 3-4**, were characterized by high trash levels, especially along the curb face, when parking was prohibited for street cleaning. Trash was widely distributed throughout the assessment area, and was very visible on the street, sidewalks, catch basins, and adjacent areas. Finally, some industrial areas, such as those shown in **Figure 3-5**, were obviously high trash generation areas, with litter and plastic debris visible throughout the defined assessment area. It would take several people to clean these areas in a timely manner.

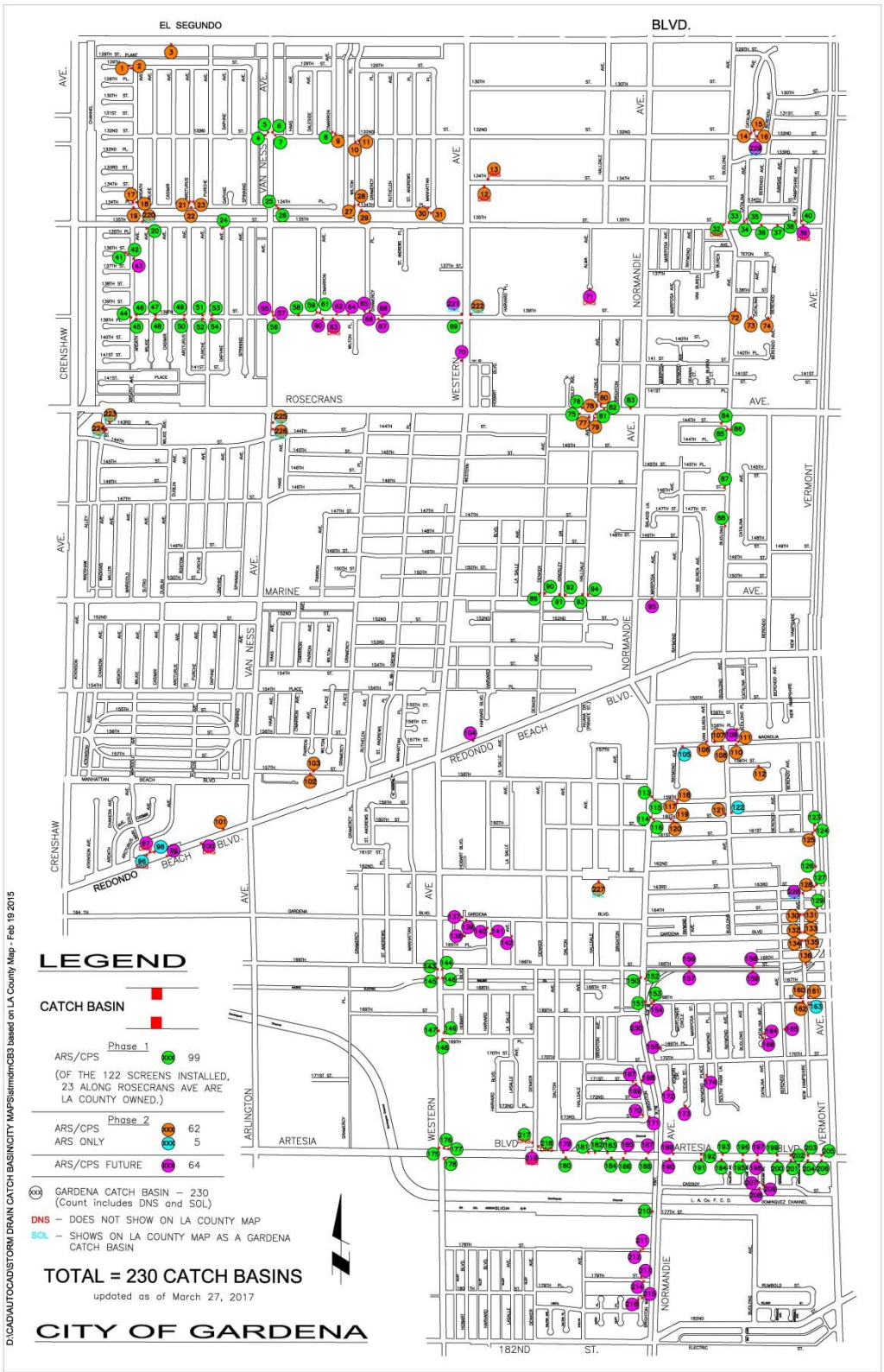


Figure 3-1 Initial Three Phase FCD Installation Schedule for City of Gardena Catch Basins



Figure 3-2 Single Family Residential Area (Denker Avenue) With Low Trash Levels



Figure 3-3 Commercial Area (Western Avenue) With Moderate Trash Levels



Figure 3-4 Multifamily Residential Area (141st Place) With High Trash Levels



Figure 3-5 Industrial Area (Brighton Way) With High Trash Levels

4. Phased FCSE Implementation

Catch basins and priority land uses within the City of Gardena were primarily identified using the Los Angeles County Public Works Storm Drain System[1], as shown in **Figure 4-1**; however, we note that ten (10) inlets were identified from various other sources and that infrastructure inventories evolve over time. As shown in **Appendix A**, pertinent location data, such as latitude and longitude, street address, cross street, and potential ownership, was tabulated for each catch basin. Since catch basins are often located in land uses that differ from those of their catchment and an FCSE drainage (catchment or tributary) area Geographical Information System (GIS) theme has not yet been developed, corresponding priority land use source areas, for each catch basin, were visually assessed, as a desk top exercise, and also tabulated.

Appendix E, Part A.3.a.(1) of the April 7, 2015, Trash Amendments Final Staff Report[2] asserts that, even for MS4 Permittees following Track 2, "It is, however, the State Water Board's expectation that the MS4 permittee will elect to install FULL CAPTURE SYSTEMS where such installation is not cost-prohibitive." With this mind, an interim and tentative FCSE installation prioritization attribute number, with the completed first two phases identified as 1 and 2, was inserted into the catch basin inventory in **Appendix A**. Approximately one hundred eighteen (118) catch basins appear to primarily service highest priority industrial drainage areas and were assigned a priority value of 3. Another one hundred thirty-two (132) catch basins, servicing commercial land use drainage areas, were assigned a priority value of 4. Catch basins serving multifamily and mixed land uses were assigned a priority of 5. Catch basins identified with a priority of 6 serve nonpriority land uses, such single family residential, and, based on the SWRCB Trash Provisions, are not currently identified for protection by FCSE retrofitting.

The City of Gardena Fiscal Year 2020-21 SCWP MPTA Annual (budget) Plan, for which $811,389 was received in February 2021, allocated $200,000 towards the installation of FCSE CPS and ARS at what is expected to be approximately two hundred (200) priority 3 and 4 catch basins, depending on bid pricing. Similar amounts have been proposed in the April 1, 2021, City of Gardena Fiscal Year 2021-22 SCWP MPTA Annual (budget) Plan, which should be funded by September 1, 2021. Assuming LARWQCB adoption of a fifth term MS4 Permit, expected to be effective on July 1, 2021, does not necessitate a reallocation of this funding, the City will plan for the installation of a similar number of additional FCSE devices in priority 4 and 5 catch basins. While reprioritization and implementation phasing may result in changes to the attached inventory, the City appears to be well on the way to completing the FCSE installation effort prior to the 2025 compliance date, identified in the Statewide Trash Provisions.

[1] https://pw.lacounty.gov/fcd/StormDrain/index.cfm
[2] https://www.waterboards.ca.gov/water_issues/programs/trash_control/docs/trash_appendix_e_121615.pdf

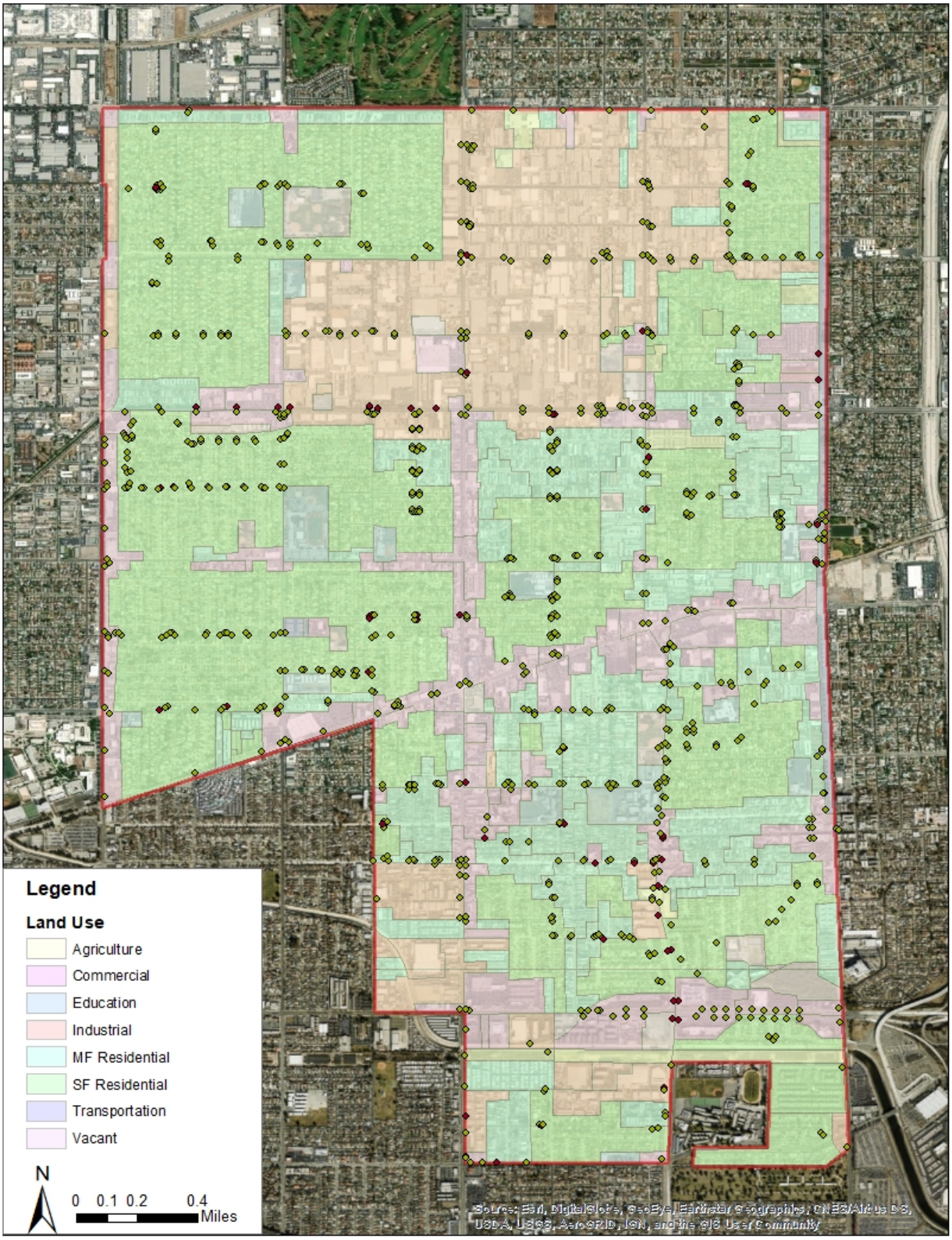


Figure 4-1 City of Gardena Catch Basin Map in Corresponding Land Uses

5. Annual Progress Reporting

City of Gardena Trash Provisions Implementation Reporting will be included in, or as an attachment to, the City's MS4 NPDES Permit Individual Annual Report, that is currently submitted on December 15th, following the July 1 to June 30 reporting year period. Following a brief written program progress summary and funding, the primary submittal is expected to be an inventory database, with attributes and contents similar to those of **Appendix A**. However, database attributes may change to better support City of Gardena data collection and infrastructure maintenance needs.

6. Future Effectiveness/Compliance Reporting

Since 2017, when prior City management decided to propose trash provision implementation through the supposedly more flexible Track 2 trash control program, actual implementation efforts have emphasized a Track 1 FCS based approach, using CPS and ARS devices. Current City management therefore respectfully proposes to defer constraining future City management to implementing a poorly defined track 2 based reporting program, with unknown operation and maintenance costs, until completion of the Track 1 style Capital Improvements Program (CIP) project has been completed and its cost and trash control effectiveness internally assessed.

City of Gardena Catch Basin Inventory

PRIORITY	BASIN ID	ADDRESS NUMBER	STREET NAME	CROSS STREET	LATITUDE	LONGITUDE	ZIP CODE	OWNER	CPS/ARS INSTALLED	LAND USE GROUP	SUBTYPE
1 & 2	11414	13400	WESTERN AVENUE	S WESTERN AV	33.910745	-118.308792	90249	LACFCD	CPS & ARS	Industrial	Side Opening
1 & 2	14124	13316	WESTERN AVENUE	S WESTERN AV	33.910868	-118.308868	90249	LACFCD	CPS & ARS	Industrial	Side Opening
1 & 2	27225	13900	WESTERN AVENUE	SERVICE DR	33.905371	-118.308996	90249	LACFCD	CPS & ARS	Industrial	Side Opening
1 & 2	36190	17414	WESTERN AVENUE	W ROSS AV	33.872104	-118.309007	90248	LACFCD	CPS & ARS	Commercial	Side Opening
1 & 2	50791	13316	WESTERN AVENUE	S WESTERN AV	33.910868	-118.3088	90249	LACFCD	CPS & ARS	Industrial	Side Opening
1 & 2	51100	1203	135TH STREET	PLAYA ST	33.909325	-118.296469	90247	LACFCD	CPS & ARS	Industrial	Side Opening
1 & 2	52438	13400	WESTERN AVENUE	S WESTERN AV	33.910744	-118.308836	90249	LACFCD	CPS & ARS	Industrial	Side Opening
1 & 2	66391	1461	162ND STREET	HALLDALE AV	33.883688	-118.302044	90247	LACFCD	CPS & ARS	Education	Side Opening
1 & 2	90598	1451	ARTESIA BOULEVARD	DALTON AV	33.87303	-118.302582	90248	State of California	CPS & ARS	Commercial	Side Opening
1 & 2	91270	17502	BUDLONG AVENUE	BUDLONG AV	33.872643	-118.294706	90248	State of California	CPS & ARS	SF Residential	Side Opening
1 & 2	91759	1399	ARTESIA BOULEVARD	VALMEYER AV	33.873101	-118.297092	90247	State of California	CPS & ARS	Commercial	Side Opening
1 & 2	91968	1317	ARTESIA BOULEVARD	VALMEYER AV	33.87309	-118.296504	90248	State of California	CPS & ARS	Commercial	Side Opening
1 & 2	91969	1289	BUDLONG AVENUE	BUDLONG AV	33.873048	-118.294697	90248	State of California	CPS & ARS	Commercial	Side Opening
1 & 2	91970	1299	ARTESIA BOULEVARD	HALLDALE AV	33.872753	-118.301299	90248	State of California	CPS & ARS	Commercial	Side Opening
1 & 2	91971	1299	VALMEYER AVENUE	VALMEYER AV	33.872683	-118.296515	90248	State of California	CPS & ARS	Commercial	Side Opening
1 & 2	93312	1480	ARTESIA BOULEVARD	DALTON AV	33.87275	-118.301925	90248	State of California	CPS & ARS	Commercial	Side Opening
1 & 2	93313	1340	ARTESIA BOULEVARD	VALMEYER AV	33.872692	-118.297096	90248	State of California	CPS & ARS	Commercial	Side Opening
1 & 2	93314	17503	VALMEYER AVENUE	VALMEYER AV	33.872665	-118.295868	90248	State of California	CPS & ARS	SF Residential	Side Opening
1 & 2	93315	1298	ARTESIA BOULEVARD	S CATALINA AV	33.872618	-118.294132	90248	State of California	CPS & ARS	SF Residential	Side Opening
1 & 2	93507	1299	ARTESIA BOULEVARD	DALTON AV	33.873031	-118.302672	90248	State of California	CPS & ARS	Commercial	Side Opening
1 & 2	93510	1301	ARTESIA BOULEVARD	VALMEYER AV	33.87308	-118.295864	90248	State of California	CPS & ARS	Commercial	Side Opening
1 & 2	93511	1299	ARTESIA BOULEVARD	S CATALINA AV	33.873029	-118.294119	90248	State of California	CPS & ARS	Commercial	Side Opening
1 & 2	93512	1299	SR-91	BERENDO AV	33.873018	-118.293553	90248	State of California	CPS & ARS	Commercial	Side Opening
1 & 2	93513	1299	ARTESIA BOULEVARD	BERENDO AV	33.873005	-118.292973	90248	State of California	CPS & ARS	Commercial	Side Opening
1 & 2	93514	1450	ARTESIA BOULEVARD	UP RR	33.872757	-118.30042	90248	State of California	CPS & ARS	Commercial	Side Opening
1 & 2	93730	1296	ARTESIA BOULEVARD	BERENDO AV	33.872618	-118.293557	90248	State of California	CPS & ARS	SF Residential	Side Opening
1 & 2	93731	17502	BERENDO AVENUE	BERENDO AV	33.872596	-118.292973	90248	State of California	CPS & ARS	Commercial	Side Opening
1 & 2	112269	13335	WILTON PLACE	W 134TH PL	33.909914	-118.314052	90249	Gardena	CPS & ARS	SF Residential	Side Opening
1 & 2	112271	2807	135TH STREET	KAVENAGH LN	33.909299	-118.323337	90249	Gardena	CPS & ARS	SF Residential	Side Opening
1 & 2	112272	13501	WILKIE AVENUE	DESCANSO DR	33.909118	-118.323327	90249	Gardena	CPS & ARS	SF Residential	Side Opening
1 & 2	112273	16944	WESTERN AVENUE	N LOTUS AV	33.877278	-118.309002	90247	Gardena	CPS & ARS	Commercial	Side Opening
1 & 2	112274	1030	GARDENA BOULEVARD	LA CUARTA ST	33.881291	-118.292449	90247	Gardena	CPS & ARS	Commercial	Side Opening
1 & 2	112276	13817	PURCHE AVENUE	PURCHE AV	33.905621	-118.320787	90249	Gardena	CPS & ARS	SF Residential	Side Opening
1 & 2	112278	16317	VERMONT AVENUE	VERMONT AV	33.882652	-118.29171	90247	Gardena	CPS & ARS	Commercial	Side Opening
1 & 2	112281	17795	NORMANDIE AVENUE	S NORMANDIE AV	33.870385	-118.299157	90248	Gardena	CPS & ARS	Industrial	Side Opening
1 & 2	112284	13900	WILKIE AVENUE	N SUNSET AV	33.905486	-118.322954	90249	Gardena	CPS & ARS	SF Residential	Side Opening
1 & 2	112367	1020	164TH STREET	CRESTA PL	33.882223	-118.292322	90247	Gardena	CPS & ARS	Commercial	Side Opening
1 & 2	112368	16405	NEW HAMPSHIRE AVENUE	TAPIA ST	33.882219	-118.292487	90247	Gardena	CPS & ARS	MF Residential	Side Opening
1 & 2	112370	1029	GARDENA BOULEVARD	FAIRMOUNT AV	33.881816	-118.29247	90247	Gardena	CPS & ARS	Commercial	Side Opening
1 & 2	112375	1601	MARINE AVENUE	DENKER AV	33.894777	-118.304835	90247	Gardena	CPS & ARS	SF Residential	Side Opening
1 & 2	112376	15030	DENKER AVENUE	W MARINE AV	33.894771	-118.304719	90247	Gardena	CPS & ARS	SF Residential	Side Opening
1 & 2	112377	16819	BERENDO AVENUE	TAPIA ST	33.878327	-118.293359	90247	Gardena	CPS & ARS	SF Residential	Side Opening
1 & 2	112378	1011	161ST STREET	NEAL DR	33.885461	-118.291855	90247	Gardena	CPS & ARS	Transportation	Side Opening

City of Gardena Catch Basin Inventory

PRIORITY	BASIN ID	ADDRESS NUMBER	STREET NAME	CROSS STREET	LATITUDE	LONGITUDE	ZIP CODE	OWNER	CPS/ARS INSTALLED	LAND USE GROUP	SUBTYPE
1 & 2	112379	1205	MAGNOLIA AVENUE	VAN BUREN AV	33.888781	-118.296294	90247	Gardena	CPS & ARS	SF Residential	Side Opening
1 & 2	112380	14411	BUDLONG AVENUE	COTTAGE PL	33.900653	-118.296134	90247	Gardena	CPS & ARS	MF Residential	Side Opening
1 & 2	112381	13816	WILKIE AVENUE	N WILLARD AV	33.905623	-118.322955	90249	Gardena	CPS & ARS	SF Residential	Side Opening
1 & 2	112382	1454	ROSECRANS AVENUE	NORTHVALE RD	33.901711	-118.302521	90249	Gardena	CPS & ARS	Commercial	Side Opening
1 & 2	112383	13708	CIMARRON AVENUE	<Null>	33.905736	-118.31558	90249	Gardena	CPS & ARS	Industrial	Side Opening
1 & 2	112466	1454	ROSECRANS AVENUE	HALLDALE AV	33.901792	-118.302338	90249	Gardena	CPS & ARS	Commercial	Side Opening
1 & 2	112467	1134	158TH STREET	S BUDLONG AV	33.887777	-118.295133	90247	Gardena	CPS & ARS	SF Residential	Side Opening
1 & 2	112468	2903	139TH PLACE	W MANCHESTER AV	33.905462	-118.324056	90249	Gardena	CPS & ARS	SF Residential	Side Opening
1 & 2	112470	16133	VERMONT AVENUE	W HILLCREST BLVD	33.884274	-118.291801	90247	Gardena	CPS & ARS	MF Residential	Side Opening
1 & 2	112471	1041	168TH STREET	BERENDO AV	33.879137	-118.293095	90247	Gardena	CPS & ARS	SF Residential	Side Opening
1 & 2	112472	13820	CATALINA AVENUE	ORNELAS ST	33.905547	-118.295164	90247	Gardena	CPS & ARS	MF Residential	Side Opening
1 & 2	112474	15029	HALLDALE AVENUE	W 234TH ST	33.894926	-118.30266	90247	Gardena	CPS & ARS	SF Residential	Side Opening
1 & 2	112475	13120	CIMARRON AVENUE	PASS AV	33.912825	-118.314943	90249	Gardena	CPS & ARS	SF Residential	Side Opening
1 & 2	112476	13124	CIMARRON AVENUE	S GARTH AV	33.912803	-118.315064	90249	Gardena	CPS & ARS	SF Residential	Side Opening
1 & 2	112477	1231	160TH STREET	S BUDLONG AV	33.885849	-118.296944	90247	Gardena	CPS & ARS	SF Residential	Side Opening
1 & 2	112478	13817	ARCTURUS AVENUE	ARCTURUS AV	33.905622	-118.321623	90249	Gardena	CPS & ARS	SF Residential	Side Opening
1 & 2	112479	1011	161ST STREET	NEW HAMPSHIRE AV	33.885267	-118.292091	90247	Gardena	CPS & ARS	MF Residential	Side Opening
1 & 2	112566	13130	CATALINA AVENUE	S CATALINA AV	33.912679	-118.295182	90247	Gardena	CPS & ARS	SF Residential	Side Opening
1 & 2	112568	1741	ARTESIA BOULEVARD	S WESTERN AV	33.873004	-118.308865	90248	Gardena	CPS & ARS	Commercial	Side Opening
1 & 2	112569	1027	GARDENA BOULEVARD	N LONG ST	33.881816	-118.292301	90247	Gardena	CPS & ARS	Commercial	Side Opening
1 & 2	112570	1304	159TH STREET	S RAYMOND AV	33.886419	-118.298027	90247	Gardena	CPS & ARS	SF Residential	Side Opening
1 & 2	112572	2401	REDONDO BEACH BOULEVARD	PACIFIC LN	33.885502	-118.318865	90249	Gardena	CPS & ARS	SF Residential	Side Opening
1 & 2	112577	16924	WESTERN AVENUE	SULTUS ST	33.877466	-118.309297	90247	Gardena	CPS & ARS	Industrial	Side Opening
1 & 2	112662	2824	143RD PLACE	W 143RD PL	33.901188	-118.325154	90249	Gardena	CPS & ARS	SF Residential	Side Opening
1 & 2	112663	1159	160TH STREET	W 108TH ST	33.886178	-118.29576	90247	Gardena	ARS	SF Residential	Side Opening
1 & 2	112664	1337	159TH STREET	S NORMANDIE AV	33.886507	-118.29925	90247	Gardena	CPS & ARS	SF Residential	Side Opening
1 & 2	112665	16622	NORMANDIE AVENUE	S NORMANDIE AV	33.878956	-118.299695	90247	Gardena	CPS & ARS	Commercial	Side Opening
1 & 2	112667	1341	160TH STREET	S NORMANDIE AV	33.885778	-118.299291	90247	Gardena	CPS & ARS	SF Residential	Side Opening
1 & 2	112668	1337	159TH STREET	<Null>	33.886591	-118.299354	90247	Gardena	CPS & ARS	SF Residential	Side Opening
1 & 2	112669	16611	NORMANDIE AVENUE	SEAHILL DR	33.879665	-118.29993	90247	Gardena	CPS & ARS	Industrial	Side Opening
1 & 2	112670	16620	NORMANDIE AVENUE	W 52ND ST	33.879685	-118.299717	90247	Gardena	CPS & ARS	Commercial	Side Opening
1 & 2	112671	13816	PURCHE AVENUE	PURCHE AV	33.905621	-118.320459	90249	Gardena	CPS & ARS	SF Residential	Side Opening
1 & 2	112672	16622	NORMANDIE AVENUE	W 9TH ST	33.879021	-118.299764	90247	Gardena	CPS & ARS	Commercial	Grated
1 & 2	112673	16706	WESTERN AVENUE	W MAGNOLIA BLVD	33.879502	-118.30901	90247	Gardena	CPS & ARS	Commercial	Side Opening
1 & 2	112674	1341	160TH STREET	E HERMOSA DR	33.885859	-118.299392	90247	Gardena	CPS & ARS	SF Residential	Side Opening
1 & 2	112675	1305	159TH STREET	S RAYMOND AV	33.886542	-118.298042	90247	Gardena	CPS & ARS	SF Residential	Side Opening
1 & 2	112757	1741	ARTESIA BOULEVARD	IVAR AV	33.873096	-118.309004	90248	Gardena	CPS & ARS	Commercial	Side Opening
1 & 2	112758	1453	MARINE AVENUE	E 68TH ST	33.894927	-118.302532	90247	Gardena	CPS & ARS	MF Residential	Side Opening
1 & 2	112759	16601	WESTERN AVENUE	BIRCH AV	33.879989	-118.309298	90247	Gardena	CPS & ARS	Industrial	Side Opening
1 & 2	112760	1205	MAGNOLIA AVENUE	W 46TH ST	33.888644	-118.296196	90247	Gardena	CPS & ARS	Commercial	Side Opening
1 & 2	112762	13900	PURCHE AVENUE	PURCHE AV	33.905484	-118.320458	90249	Gardena	CPS & ARS	SF Residential	Side Opening
1 & 2	112763	1510	ROSECRANS AVENUE	SANTA ANA BLVD N	33.901708	-118.302654	90249	Gardena	CPS & ARS	Industrial	Side Opening
1 & 2	112764	16604	WESTERN AVENUE	STEPHEN RD	33.879969	-118.309	90247	Gardena	CPS & ARS	Commercial	Side Opening

City of Gardena Catch Basin Inventory

PRIORITY	BASIN ID	ADDRESS NUMBER	STREET NAME	CROSS STREET	LATITUDE	LONGITUDE	ZIP CODE	OWNER	CPS/ARS INSTALLED	LAND USE GROUP	SUBTYPE
1 & 2	112765	13130	CATALINA AVENUE	SATURN ST	33.912781	-118.295403	90247	Gardena	CPS & ARS	SF Residential	Grated
1 & 2	112766	13131	CATALINA AVENUE	W 132ND ST	33.912778	-118.295527	90247	Gardena	CPS & ARS	SF Residential	Grated
1 & 2	112768	1203	160TH STREET	W 160TH ST	33.885977	-118.2959	90247	Gardena	CPS & ARS	SF Residential	Side Opening
1 & 2	112769	13452	BUDLONG AVENUE	SCOTT RD	33.909371	-118.296335	90247	Gardena	CPS & ARS	SF Residential	Side Opening
1 & 2	112773	2903	136TH STREET	ARDATH AV	33.908086	-118.324134	90249	Gardena	ARS	SF Residential	Side Opening
1 & 2	112851	1254	MAGNOLIA AVENUE	S RAYMOND AV	33.888597	-118.297868	90247	Gardena	CPS & ARS	SF Residential	Side Opening
1 & 2	112852	1056	168TH STREET	BERENDO AV	33.879038	-118.293087	90247	Gardena	CPS & ARS	SF Residential	Side Opening
1 & 2	112855	1129	MAGNOLIA AVENUE	S BUDLONG PL	33.888827	-118.294558	90247	Gardena	CPS & ARS	MF Residential	Side Opening
1 & 2	112857	13123	VAN NESS AVENUE	VAN NESS AV	33.912713	-118.318051	90249	Gardena	CPS & ARS	SF Residential	Side Opening
1 & 2	112858	13123	VAN NESS AVENUE	W 19TH ST	33.912823	-118.317919	90249	Gardena	CPS & ARS	SF Residential	Side Opening
1 & 2	112859	13122	VAN NESS AVENUE	ROGERS PL	33.912822	-118.317708	90249	Gardena	CPS & ARS	SF Residential	Side Opening
1 & 2	112860	13122	VAN NESS AVENUE	VAN NESS AV	33.912708	-118.317568	90249	Gardena	CPS & ARS	SF Residential	Side Opening
1 & 2	112862	14310	WADKINS AVENUE	S BARRINGTON AV	33.901369	-118.325041	90249	Gardena	CPS & ARS	SF Residential	Side Opening
1 & 2	112863	2156	134TH PLACE	VAN NESS AV	33.90978	-118.317471	90249	Gardena	CPS & ARS	SF Residential	Side Opening
1 & 2	112864	2016	134TH PLACE	IRVINE AV	33.90969	-118.313729	90249	Gardena	CPS & ARS	SF Residential	Side Opening
1 & 2	112865	13336	WILTON PLACE	PASS AV	33.909905	-118.313764	90249	Gardena	CPS & ARS	SF Residential	Side Opening
1 & 2	112867	13800	WESTERN AVENUE	VIA SERRANO	33.905667	-118.308986	90249	Gardena	CPS & ARS	Industrial	Side Opening
1 & 2	112964	2011	139TH STREET	KINGSLEY DR	33.901796	-118.303497	90249	Gardena	CPS & ARS	Industrial	Side Opening
1 & 2	112965	1510	ROSECRANS AVENUE	W ROSS AV	33.902108	-118.302659	90249	Gardena	CPS & ARS	Industrial	Side Opening
1 & 2	112966	1449	ROSECRANS AVENUE	N ROBERTSON BLVD	33.902109	-118.302513	90249	Gardena	CPS & ARS	Industrial	Side Opening
1 & 2	112967	2141	139TH STREET	VAN NESS AV	33.90563	-118.316754	90249	Gardena	CPS & ARS	Industrial	Side Opening
1 & 2	112969	1535	ROSECRANS AVENUE	KINGSLEY DR	33.902028	-118.303489	90249	Gardena	CPS & ARS	Industrial	Side Opening
1 & 2	112970	2615	REDONDO BEACH BOULEVARD	WILKIE AV	33.884475	-118.322062	90249	Gardena	ARS	SF Residential	Side Opening
1 & 2	112971	2102	157TH STREET	PARRON AV	33.887827	-118.315651	90249	Gardena	CPS & ARS	Commercial	Side Opening
1 & 2	112972	2059	157TH STREET	PARRON AV	33.887935	-118.315653	90249	Gardena	CPS & ARS	MF Residential	Side Opening
1 & 2	112974	17320	DALTON AVENUE	DALTON AV	33.872747	-118.303335	90248	Gardena	CPS & ARS	Commercial	Side Opening
1 & 2	112975	17320	DALTON AVENUE	DALTON AV	33.873016	-118.30311	90248	Gardena	CPS & ARS	Commercial	Side Opening
1 & 2	112976	13451	CATALINA AVENUE	W 135TH ST	33.909335	-118.295601	90247	Gardena	CPS & ARS	SF Residential	Side Opening
1 & 2	112977	13450	CATALINA AVENUE	W 135TH ST	33.90933	-118.295465	90247	Gardena	CPS & ARS	SF Residential	Side Opening
1 & 2	112979	1053	135TH STREET	ROSEWOOD AV	33.909256	-118.293776	90247	Gardena	CPS & ARS	SF Residential	Side Opening
1 & 2	113073	13449	NEW HAMPSHIRE AVENUE	W VALLEY BLVD	33.909369	-118.293032	90247	Gardena	CPS & ARS	SF Residential	Side Opening
1 & 2	113074	13448	NEW HAMPSHIRE AVENUE	WALNUT AV	33.909364	-118.2929	90247	Gardena	CPS & ARS	SF Residential	Side Opening
1 & 2	113075	1219	144TH STREET	S BUDLONG AV	33.901454	-118.296856	90247	Gardena	CPS & ARS	MF Residential	Side Opening
1 & 2	113077	16908	NORMANDIE AVENUE	LEMON AV	33.878855	-118.299442	90247	Gardena	CPS & ARS	Agriculture	Side Opening
1 & 2	113186	1119	135TH STREET	CATALINA AVE	33.909256	-118.2946	90247	Gardena	CPS & ARS	SF Residential	Side Opening
1 & 2	113187	2704	EL SEGUNDO BOULEVARD	<Null>	33.91633	-118.322361	90249	Gardena	CPS & ARS	MF Residential	Side Opening
1 & 2	113273	1454	ROSECRANS AVENUE	HALLDALE AV	33.902026	-118.302419	90249	Gardena	CPS & ARS	Industrial	Side Opening
1 & 2	113274	15621	VAN BUREN AVENUE	MAGNOLIA AV	33.888785	-118.296702	90247	Gardena	CPS & ARS	SF Residential	Side Opening
1 & 2	113381	16301	VERMONT AVENUE	MERLON AV	33.8835	-118.291736	90247	Gardena	CPS & ARS	Transportation	Side Opening
1 & 2	113387	14306	VAN NESS AVENUE	<Null>	33.901622	-118.317744	90249	Gardena	CPS & ARS	Commercial	Side Opening
1 & 2	113388	13999	WESTERN AVENUE	W 139TH ST	33.905392	-118.309263	90249	Gardena	CPS & ARS	Commercial	Side Opening
1 & 2	113391	14306	VAN NESS AVENUE	<Null>	33.90171	-118.317743	90249	Gardena	CPS & ARS	Commercial	Side Opening
1 & 2	113590	1031	168TH STREET	NEW HAMPSHIRE AV	33.879168	-118.29212	90247	Gardena	CPS & ARS	SF Residential	Side Opening

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PRIORITY	BASIN ID	ADDRESS NUMBER	STREET NAME	CROSS STREET	LATITUDE	LONGITUDE	ZIP CODE	OWNER	CPS/ARS INSTALLED	LAND USE GROUP	SUBTYPE
1 & 2	113591	13901	PURCHE AVENUE	PURCHE AV	33.905484	-118.320786	90249	Gardena	CPS & ARS	SF Residential	Side Opening
1 & 2	113592	1232	160TH STREET	S BUDLONG AV	33.885727	-118.296931	90247	Gardena	CPS & ARS	SF Residential	Side Opening
1 & 2	113593	2704	EL SEGUNDO BOULEVARD	W SPRUCE AV	33.916227	-118.322377	90249	Gardena	CPS & ARS	MF Residential	Side Opening
1 & 2	113594	2904	129TH STREET	ARDATH AV	33.915341	-118.323964	90249	Gardena	CPS & ARS	SF Residential	Side Opening
1 & 2	113595	16301	VERMONT AVENUE	S VERMONT AV	33.883456	-118.291836	90247	Gardena	CPS & ARS	MF Residential	Side Opening
1 & 2	113597	14412	BUDLONG AVENUE	COTTAGE PL	33.900653	-118.295967	90247	Gardena	CPS & ARS	MF Residential	Side Opening
1 & 2	113600	1409	ROSECRANS AVENUE	BRIGHTON AV	33.902024	-118.301022	90249	Gardena	CPS & ARS	Vacant	Side Opening
1 & 2	113690	1032	168TH STREET	NEW HAMPSHIRE AV	33.879063	-118.292117	90247	Gardena	ARS	SF Residential	Side Opening
1 & 2	113691	16924	WESTERN AVENUE	SIERRA HWY	33.877536	-118.309005	90247	Gardena	CPS & ARS	Commercial	Side Opening
1 & 2	113692	13820	BUDLONG AVENUE	THOREAU WY	33.905831	-118.295971	90247	Gardena	CPS & ARS	SF Residential	Side Opening
1 & 2	113693	14715	BUDLONG AVENUE	146TH ST	33.897851	-118.296125	90247	Gardena	CPS & ARS	MF Residential	Side Opening
1 & 2	113694	13906	VAN NESS AVENUE	VAN NESS AV	33.905477	-118.317622	90249	Gardena	CPS & ARS	Industrial	Side Opening
1 & 2	113695	2903	129TH STREET	ARDATH AV	33.915438	-118.323963	90249	Gardena	CPS & ARS	SF Residential	Side Opening
1 & 2	113696	1030	GARDENA BOULEVARD	MALIBU VISTA DR	33.881294	-118.292276	90247	Gardena	CPS & ARS	Commercial	Side Opening
1 & 2	113698	13816	ARDATH AVENUE	ARDATH AV	33.905624	-118.32382	90249	Gardena	CPS & ARS	SF Residential	Side Opening
1 & 2	113699	2121	139TH STREET	<Null>	33.905736	-118.315744	90249	Gardena	CPS & ARS	Industrial	Side Opening
1 & 2	113700	13820	BERENDO AVENUE	MILLBURY AV	33.905548	-118.294299	90247	Gardena	CPS & ARS	Commercial	Side Opening
1 & 2	113701	13900	ARDATH AVENUE	ARDATH AV	33.905487	-118.323819	90249	Gardena	CPS & ARS	SF Residential	Side Opening
1 & 2	113702	1024	165TH PLACE	LEFFINGWELL RD	33.880468	-118.292299	90247	Gardena	CPS & ARS	Commercial	Side Opening
1 & 2	113703	17325	WESTERN AVENUE	N MUSCATEL AV	33.873096	-118.309292	90247	Gardena	CPS & ARS	Commercial	Side Opening
1 & 2	113704	13901	ARCTURUS AVENUE	ARCTURUS AV	33.905485	-118.321623	90249	Gardena	CPS & ARS	SF Residential	Side Opening
1 & 2	113705	1537	MARINE AVENUE	STEINBECK AV	33.894909	-118.303751	90247	Gardena	CPS & ARS	SF Residential	Side Opening
1 & 2	113797	1525	MARINE AVENUE	<Null>	33.89491	-118.303625	90247	Gardena	CPS & ARS	SF Residential	Side Opening
1 & 2	113800	1126	MAGNOLIA AVENUE	W 158TH ST	33.888688	-118.294661	90247	Gardena	CPS & ARS	MF Residential	Side Opening
1 & 2	113801	16801	WESTERN AVENUE	MIDLOTHIAN DR	33.87951	-118.309285	90247	Gardena	CPS & ARS	Industrial	Side Opening
1 & 2	113802	2512	134TH PLACE	ARCTURUS AV	33.909816	-118.321186	90249	Gardena	CPS & ARS	SF Residential	Side Opening
1 & 2	113803	13413	ARCTURUS AVENUE	FIRESTONE BLVD	33.910049	-118.321335	90249	Gardena	CPS & ARS	SF Residential	Side Opening
1 & 2	113804	13412	ARCTURUS AVENUE	SANTA BARBARA DR	33.910039	-118.321223	90249	Gardena	CPS & ARS	SF Residential	Side Opening
1 & 2	113805	13412	ARDATH AVENUE	E DEL MAR BLVD	33.910045	-118.323736	90249	Gardena	CPS & ARS	SF Residential	Side Opening
1 & 2	113806	2155	134TH PLACE	VAN NESS AV	33.909931	-118.317451	90249	Gardena	CPS & ARS	SF Residential	Side Opening
1 & 2	113807	13207	WILTON PLACE	W 132ND ST	33.912358	-118.314045	90249	Gardena	CPS & ARS	SF Residential	Side Opening
1 & 2	113808	13335	MANHATTAN PLACE	MANHATTAN PL	33.909848	-118.310918	90249	Gardena	CPS & ARS	SF Residential	Side Opening
1 & 2	113809	13208	WILTON PLACE	W 132ND ST	33.912358	-118.313911	90249	Gardena	CPS & ARS	SF Residential	Side Opening
1 & 2	113810	2900	134TH STREET	ARDATH AV	33.909835	-118.323725	90249	Gardena	CPS & ARS	SF Residential	Side Opening
1 & 2	113811	1812	134TH PLACE	MANHATTAN PL	33.909716	-118.310731	90249	Gardena	CPS & ARS	SF Residential	Side Opening
1 & 2	113812	2903	134TH PLACE	W 134TH PL	33.91002	-118.323866	90249	Gardena	CPS & ARS	SF Residential	Side Opening
1 & 2		17338	DENKER AVEMIE	DENKER AVE	33.873117	-118.304752	90247	Gardena	CPS & ARS	SF Residential	Side Opening
1 & 2		17341	DENKER AVENUE	DENKER AVE	33.873208	-118.304891	90247	Gardena	CPS & ARS	SF Residential	Side Opening
1 & 2		2615	REDONDO BEACH BOULEVARD	WILKIE AV	33.88446	-118.322126	90249	Gardena	ARS	SF Residential	Side Opening
3	2193	13122	BUDLONG AVENUE	SWEETBRIAR DR	33.912917	-118.296451	90247	LACFCD	None	Industrial	Side Opening
3	2348	13008	WESTERN AVENUE	S WESTERN AV	33.914487	-118.308874	90249	LACFCD	None	Industrial	Side Opening
3	3072	13323	NORMANDIE AVENUE	W VERDUGO AV	33.910978	-118.300507	90249	LACFCD	None	Industrial	Side Opening
3	6820	1522	135TH STREET	ALMA AV	33.909082	-118.30283	90249	LACFCD	None	Industrial	Side Opening

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PRIORITY	BASIN ID	ADDRESS NUMBER	STREET NAME	CROSS STREET	LATITUDE	LONGITUDE	ZIP CODE	OWNER	CPS/ARS INSTALLED	LAND USE GROUP	SUBTYPE
3	6893	16601	NORMANDIE AVENUE	S NORMANDIE AV	33.880099	-118.30001	90247	LACFCD	None	Industrial	Grated
3	9058	16829	NORMANDIE AVENUE	S NORMANDIE AV	33.878321	-118.300018	90247	LACFCD	None	Industrial	Side Opening
3	10954	13441	WESTERN AVENUE	W 135TH ST	33.909482	-118.309257	90249	LACFCD	None	Industrial	Side Opening
3	11411	1756	EL SEGUNDO BOULEVARD	S WESTERN AV	33.916326	-118.308723	90249	LACFCD	None	Industrial	Side Opening
3	11413	13316	WESTERN AVENUE	N 6TH ST	33.910948	-118.308975	90249	LACFCD	None	Industrial	Side Opening
3	11668	1515	135TH STREET	W 135TH ST	33.909487	-118.302435	90249	LACFCD	None	Industrial	Side Opening
3	11711	13312	NORMANDIE AVENUE	S NORMANDIE AV	33.910862	-118.300191	90249	LACFCD	None	Industrial	Side Opening
3	11712	13126	WESTERN AVENUE	132ND ST	33.912894	-118.309244	90249	LACFCD	None	Industrial	Side Opening
3	11714	12901	WESTERN AVENUE	FOOTHILL BLVD	33.914692	-118.309238	90249	LACFCD	None	Industrial	Side Opening
3	12401	13506	NORMANDIE AVENUE	S NORMANDIE AV	33.90926	-118.300143	90249	LACFCD	None	Industrial	Side Opening
3	14052	12918	WESTERN AVENUE	S WESTERN AV	33.914607	-118.308726	90249	LACFCD	None	Industrial	Side Opening
3	14053	13441	WESTERN AVENUE	HAWKS RIDGE DR	33.909362	-118.309254	90249	LACFCD	None	Industrial	Side Opening
3	14123	13211	NORMANDIE AVENUE	S NORMANDIE AV	33.912551	-118.300183	90249	LACFCD	None	Industrial	Side Opening
3	14127	1141	133RD STREET	S BUDLONG AV	33.911721	-118.296191	90247	LACFCD	None	Industrial	Side Opening
3	14193	13126	WESTERN AVENUE	S WESTERN AV	33.912738	-118.308835	90249	LACFCD	None	Industrial	Side Opening
3	14221	1342	EL SEGUNDO BOULEVARD	S NORMANDIE AV	33.916325	-118.300104	90247	LACFCD	None	Industrial	Side Opening
3	14487	13312	NORMANDIE AVENUE	<Null>	33.910938	-118.300295	90249	LACFCD	None	Industrial	Side Opening
3	14488	1700	EL SEGUNDO BOULEVARD	S HARVARD BLVD	33.916325	-118.306717	90249	LACFCD	None	Industrial	Side Opening
3	14493	1451	135TH STREET	VICTORY BLVD	33.909556	-118.30223	90249	LACFCD	None	Industrial	Side Opening
3	14558	13200	WESTERN AVENUE	S WESTERN AV	33.912563	-118.308779	90249	LACFCD	None	Industrial	Side Opening
3	21740	1560	ROSECRANS AVENUE	DENKER AV	33.901723	-118.304713	90249	LACFCD	None	Industrial	Grated
3	21741	1650	ROSECRANS AVENUE	DENKER AV	33.901803	-118.306299	90249	LACFCD	None	Industrial	Side Opening
3	22297	13850	NORMANDIE AVENUE	S NORMANDIE AV	33.905593	-118.300129	90249	LACFCD	None	Industrial	Side Opening
3	24242	1857	144TH STREET	SAINT ANDREWS PL	33.901048	-118.311253	90249	LACFCD	None	Industrial	Side Opening
3	25495	1900	144TH STREET	SAINT ANDREWS PL	33.900956	-118.311609	90249	LACFCD	None	Industrial	Side Opening
3	26636	1634	139TH STREET	HARVARD PL	33.905484	-118.305994	90249	LACFCD	None	Industrial	Side Opening
3	26926	1954	ROSECRANS AVENUE	GRAMERCY PL	33.901805	-118.313292	90249	LACFCD	None	Industrial	Side Opening
3	27146	1859	ROSECRANS AVENUE	SAINT ANDREWS PL	33.902028	-118.310465	90249	LACFCD	None	Industrial	Grated
3	27222	2001	ROSECRANS AVENUE	GRAMERCY PL	33.90203	-118.31365	90249	LACFCD	None	Industrial	Grated
3	27224	1954	GRAMERCY PLACE	N EL MOLINO AV	33.901742	-118.313557	90249	LACFCD	None	Industrial	Side Opening
3	27226	2016	ROSECRANS AVENUE	GRAMERCY PL	33.901803	-118.31375	90249	LACFCD	None	Industrial	Side Opening
3	27227	1900	ROSECRANS AVENUE	THREE RANCH RD	33.901742	-118.311375	90249	LACFCD	None	Industrial	Side Opening
3	27228	1850	ROSECRANS AVENUE	SAINT ANDREWS PL	33.901807	-118.311259	90249	LACFCD	None	Industrial	Side Opening
3	27246	1435	139TH STREET	HALLDALE AV	33.905602	-118.302221	90249	LACFCD	None	Industrial	Side Opening
3	27270	1858	144TH STREET	SAINT ANDREWS PL	33.900956	-118.311247	90249	LACFCD	None	Industrial	Side Opening
3	27376	1901	144TH STREET	SAINT ANDREWS PL	33.901046	-118.311594	90249	LACFCD	None	Industrial	Side Opening
3	27518	1954	ROSECRANS AVENUE	STONEWOOD DR	33.901734	-118.313434	90249	LACFCD	None	Industrial	Side Opening
3	27519	1859	ROSECRANS AVENUE	SAINT ANDREWS PL	33.902029	-118.311653	90249	LACFCD	None	Industrial	Grated
3	27521	1989	ROSECRANS AVENUE	GRAMERCY PL	33.902025	-118.313264	90249	LACFCD	None	Industrial	Grated
3	27522	2155	ROSECRANS AVENUE	VAN NESS AV	33.902034	-118.317468	90249	LACFCD	None	Industrial	Grated
3	27574	14407	DENKER AVENUE	SANFORD AV	33.900993	-118.304932	90247	LACFCD	None	Industrial	Side Opening
3	27600	14220	WESTERN AVENUE	S WESTERN AV	33.902034	-118.3089	90249	LACFCD	None	Industrial	Side Opening
3	27601	1900	ROSECRANS AVENUE	SCHOONER DR	33.901736	-118.311485	90249	LACFCD	None	Industrial	Side Opening

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PRIORITY	BASIN ID	ADDRESS NUMBER	STREET NAME	CROSS STREET	LATITUDE	LONGITUDE	ZIP CODE	OWNER	CPS/ARS INSTALLED	LAND USE GROUP	SUBTYPE
3	27671	1560	ROSECRANS AVENUE	DENKER AV	33.901711	-118.304823	90249	LACFCD	None	Industrial	Grated
3	27984	1539	139TH STREET	HALLDALE AV	33.905601	-118.304247	90249	LACFCD	None	Industrial	Side Opening
3	28017	1634	139TH STREET	HARVARD PL	33.905602	-118.305999	90249	LACFCD	None	Industrial	Side Opening
3	28066	1601	ROSECRANS AVENUE	DENKER AV	33.902029	-118.305028	90249	LACFCD	None	Industrial	Side Opening
3	28401	13850	NORMANDIE AVENUE	139TH ST	33.905761	-118.300286	90249	LACFCD	None	Industrial	Side Opening
3	28407	1650	ROSECRANS AVENUE	DENKER AV	33.902028	-118.306286	90249	LACFCD	None	Industrial	Side Opening
3	28409	1600	ROSECRANS AVENUE	DENKER AV	33.901796	-118.305022	90249	LACFCD	None	Industrial	Side Opening
3	28411	1539	139TH STREET	HALLDALE AV	33.905481	-118.304345	90249	LACFCD	None	Industrial	Side Opening
3	28415	13850	NORMANDIE AVENUE	139TH ST	33.90567	-118.300288	90249	LACFCD	None	Industrial	Side Opening
3	43016	14102	WESTERN AVENUE	S WESTERN AV	33.90362	-118.309007	90249	LACFCD	None	Industrial	Side Opening
3	43956	1835	166TH STREET	MANHATTAN PL	33.880074	-118.31052	90247	LACFCD	None	Industrial	Side Opening
3	47315	16537	BRIGHTON AVENUE	BRIGHTON AV	33.880094	-118.300902	90247	LACFCD	None	Industrial	Grated
3	47524	16832	GRAMERCY PLACE	GRAMERCY PL	33.878373	-118.313315	90247	LACFCD	None	Industrial	Side Opening
3	50597	13126	WESTERN AVENUE	132ND ST	33.912847	-118.308965	90249	LACFCD	None	Industrial	Side Opening
3	50684	13428	NORMANDIE AVENUE	W 135TH ST	33.909402	-118.300278	90249	LACFCD	None	Industrial	Side Opening
3	50685	13121	NORMANDIE AVENUE	<Null>	33.912911	-118.300285	90249	LACFCD	None	Industrial	Side Opening
3	50686	1603	135TH STREET	ALMA AV	33.909264	-118.305066	90249	LACFCD	None	Industrial	Side Opening
3	50790	13126	WESTERN AVENUE	S WESTERN AV	33.912737	-118.308698	90249	LACFCD	None	Industrial	Side Opening
3	50792	13121	NORMANDIE AVENUE	KNOLLWOOD TER	33.912929	-118.300503	90249	LACFCD	None	Industrial	Side Opening
3	51073	1340	134TH STREET	S NORMANDIE AV	33.910739	-118.300162	90247	LACFCD	None	Industrial	Side Opening
3	51074	1451	135TH STREET	W 135TH ST	33.909342	-118.30223	90249	LACFCD	None	Industrial	Side Opening
3	51075	13429	NORMANDIE AVENUE	135TH ST	33.909368	-118.300491	90249	LACFCD	None	Industrial	Side Opening
3	51076	1440	EL SEGUNDO BOULEVARD	S HALLDALE AV	33.91633	-118.302128	90249	LACFCD	None	Industrial	Side Opening
3	51097	13008	WESTERN AVENUE	S WESTERN AV	33.914486	-118.308754	90249	LACFCD	None	Industrial	Side Opening
3	51154	1606	135TH STREET	ALMA AV	33.909083	-118.305139	90249	LACFCD	None	Industrial	Side Opening
3	51163	1156	135TH STREET	S BUDLONG AV	33.909068	-118.296182	90247	LACFCD	None	Industrial	Side Opening
3	51164	1340	134TH STREET	S NORMANDIE AV	33.910737	-118.300063	90247	LACFCD	None	Industrial	Side Opening
3	51165	13121	NORMANDIE AVENUE	<Null>	33.912803	-118.300285	90249	LACFCD	None	Industrial	Side Opening
3	52329	1651	135TH STREET	S WESTERN AV	33.909089	-118.306854	90249	LACFCD	None	Industrial	Side Opening
3	52435	13200	WESTERN AVENUE	S WESTERN AV	33.912564	-118.308681	90249	LACFCD	None	Industrial	Side Opening
3	52436	13510	WESTERN AVENUE	S WESTERN AV	33.909269	-118.308726	90249	LACFCD	None	Industrial	Side Opening
3	53282	1651	135TH STREET	S WESTERN AV	33.909267	-118.307194	90249	LACFCD	None	Industrial	Side Opening
3	54119	1451	135TH STREET	S HALLDALE AV	33.909257	-118.302118	90249	LACFCD	None	Industrial	Side Opening
3	54120	1556	EL SEGUNDO BOULEVARD	DENKER AV	33.916322	-118.304331	90249	LACFCD	None	Industrial	Side Opening
3	54313	13130	NORMANDIE AVENUE	S NORMANDIE AV	33.912731	-118.300205	90249	LACFCD	None	Industrial	Side Opening
3	54314	13401	WESTERN AVENUE	MIDLOTHIAN DR	33.910955	-118.309252	90249	LACFCD	None	Industrial	Side Opening
3	54315	12918	WESTERN AVENUE	TIN LUTHER KING JR B	33.914689	-118.308964	90249	LACFCD	None	Industrial	Side Opening
3	67758	13920	CRENSHAW BOULEVARD	W 109TH PL	33.905609	-118.326375	90249	LACFCD	None	Industrial	Side Opening
3	72532	17910	WESTERN AVENUE	W 180TH ST	33.867947	-118.309007	90248	LACFCD	None	Industrial	Grated
3	74527	18016	WESTERN AVENUE	CORWIN ST	33.867123	-118.309006	90248	LACFCD	None	Industrial	Side Opening
3	78451	16829	WESTERN AVENUE	<Null>	33.878433	-118.309277	90247	<Null>	None	Industrial	Side Opening
3	80004	2001	GRAMERCY PLACE	<Null>	33.902108	-118.313648	90249	<Null>	None	Industrial	Grated
3	82493	1218	EL SEGUNDO BOULEVARD	<Null>	33.915553	-118.29754	90247	Other	None	Industrial	Side Opening

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PRIORITY	BASIN ID	ADDRESS NUMBER	STREET NAME	CROSS STREET	LATITUDE	LONGITUDE	ZIP CODE	OWNER	CPS/ARS INSTALLED	LAND USE GROUP	SUBTYPE
3	82522	1650	SR-91	<Null>	33.871408	-118.305933	90248	Private	None	Industrial	Side Opening
3	83031	14102	WESTERN AVENUE	S WESTERN AV	33.903697	-118.308967	90249	Other	None	Industrial	Grated
3	99829	1218	EL SEGUNDO BOULEVARD	BUDLONG AV	33.916301	-118.297505	90247	Other	None	Industrial	Side Opening
3	105390	18021	VERMONT AVENUE	WEST 182ND ST	33.866459	-118.29065	90248	Other	None	Industrial	Side Opening
3	106875	12918	WESTERN AVENUE	<Null>	33.914607	-118.308603	90249	Other	None	Industrial	Side Opening
3	112282	13906	VAN NESS AVENUE	VAN NESS AV	33.90563	-118.317591	90249	Gardena	None	Industrial	Side Opening
3	112469	2041	139TH STREET	CIMARRON AV	33.905626	-118.315069	90249	Gardena	None	Industrial	Side Opening
3	112563	1324	135TH STREET	S MARIPOSA AV	33.909072	-118.299127	90247	Gardena	None	Industrial	Side Opening
3	112564	1331	135TH STREET	S MARIPOSA AV	33.909254	-118.299204	90247	Gardena	None	Industrial	Side Opening
3	112573	1246	135TH STREET	S RAYMOND AV	33.909249	-118.297962	90247	Gardena	None	Industrial	Side Opening
3	112574	1246	135TH STREET	S RAYMOND AV	33.909075	-118.298047	90247	Gardena	None	Industrial	Side Opening
3	112575	13506	NORMANDIE AVENUE	W 135TH ST	33.909072	-118.300002	90249	Gardena	None	Industrial	Side Opening
3	112576	1935	139TH STREET	W ROSES RD	33.905735	-118.3134	90249	Gardena	None	Industrial	Side Opening
3	112578	1935	139TH STREET	GRAMERCY PL	33.905479	-118.312467	90249	Gardena	None	Industrial	Side Opening
3	112666	2100	139TH STREET	CIMARRON AV	33.905473	-118.315069	90249	Gardena	None	Industrial	Side Opening
3	112676	1425	ROSECRANS AVENUE	TELEGRAPH RD	33.902097	-118.30157	90249	Gardena	None	Industrial	Side Opening
3	112767	13511	WESTERN AVENUE	MAGNOLIA BLVD	33.909006	-118.309259	90249	Gardena	None	Industrial	Side Opening
3	112853	1935	139TH STREET	DESCANSO DR	33.905731	-118.313562	90249	Gardena	None	Industrial	Side Opening
3	112866	13464	WESTERN AVENUE	<Null>	33.909356	-118.308989	90249	Gardena	None	Industrial	Grated
3	112968	2009	139TH STREET	LEEDS ST	33.905627	-118.314317	90249	Gardena	None	Industrial	Side Opening
3	113085	1402	178TH STREET	UP RR	33.869292	-118.299453	90248	Gardena	None	Industrial	Grated
3	113086	1402	178TH STREET	UP RR	33.869184	-118.299443	90248	Gardena	None	Industrial	Side Opening
3	113184	16911	NORMANDIE AVENUE	S NORMANDIE AV	33.877586	-118.299738	90247	Gardena	None	Industrial	Grated
3	113272	1935	139TH STREET	GRAMERCY PL	33.905624	-118.312467	90249	Gardena	None	Industrial	Side Opening
3	113389	14101	WESTERN AVENUE	N FREDERIC ST	33.903755	-118.309254	90249	Gardena	None	Industrial	Side Opening
3	113390	13801	WESTERN AVENUE	W 79TH ST	33.905726	-118.309264	90249	Gardena	None	Industrial	Side Opening
3	113596	13817	VAN NESS AVENUE	GRIDLEY RD	33.905701	-118.317717	90249	Gardena	None	Industrial	Side Opening
3	113798	1425	ROSECRANS AVENUE	HARRIMAN LN	33.90208	-118.301438	90249	Gardena	None	Industrial	Side Opening
4	4792	1167	141ST STREET	S BUDLONG AV	33.90321	-118.295876	90247	LACFCD	None	Commercial	Side Opening
4	5440	1604	158TH STREET	DENKER AV	33.887465	-118.304576	90247	LACFCD	None	Commercial	Side Opening
4	6068	16518	NORMANDIE AVENUE	N GRAND AV	33.880348	-118.29968	90247	LACFCD	None	Commercial	Side Opening
4	6327	1353	ROSECRANS AVENUE	S NORMANDIE AV	33.902026	-118.300085	90247	LACFCD	None	Commercial	Side Opening
4	6342	1101	ROSECRANS AVENUE	BERENDO AV	33.902019	-118.293832	90247	LACFCD	None	Commercial	Side Opening
4	6343	15032	NORMANDIE AVENUE	<Null>	33.894761	-118.300311	90247	LACFCD	None	Commercial	Side Opening
4	6345	1215	ROSECRANS AVENUE	N BRADFIELD AV	33.902181	-118.296117	90247	LACFCD	None	Commercial	Side Opening
4	6347	16428	NORMANDIE AVENUE	S NORMANDIE AV	33.881287	-118.299517	90247	LACFCD	None	Commercial	Grated
4	6348	16428	NORMANDIE AVENUE	S NORMANDIE AV	33.881435	-118.29952	90247	LACFCD	None	Commercial	Grated
4	6349	16428	NORMANDIE AVENUE	ORANGE ST	33.881524	-118.29962	90247	LACFCD	None	Commercial	Side Opening
4	6365	1353	ROSECRANS AVENUE	<Null>	33.902128	-118.300294	90247	LACFCD	None	Commercial	Side Opening
4	6367	1215	ROSECRANS AVENUE	UNION PACIFIC AV	33.902162	-118.295985	90247	LACFCD	None	Commercial	Side Opening
4	6435	15450	NORMANDIE AVENUE	155TH ST	33.890603	-118.299169	90247	LACFCD	None	Commercial	Side Opening
4	6454	1401	MARINE AVENUE	SUNFLOWER CT	33.894826	-118.300524	90247	LACFCD	None	Commercial	Side Opening
4	6456	1408	ROSECRANS AVENUE	WHISPERING OAKS DR	33.90168	-118.300511	90249	LACFCD	None	Commercial	Side Opening

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PRIORITY	BASIN ID	ADDRESS NUMBER	STREET NAME	CROSS STREET	LATITUDE	LONGITUDE	ZIP CODE	OWNER	CPS/ARS INSTALLED	LAND USE GROUP	SUBTYPE
4	6588	1401	ROSECRANS AVENUE	ELAINE AV	33.902138	-118.300511	90249	LACFCD	None	Commercial	Side Opening
4	6664	1403	REDONDO BEACH BOULEVARD	E 220TH ST	33.891678	-118.300478	90247	LACFCD	None	Commercial	Side Opening
4	6892	1349	166TH STREET	S NORMANDIE AV	33.880256	-118.299589	90247	LACFCD	None	Commercial	Grated
4	7476	1629	162ND STREET	MIRA LOMA AV	33.88394	-118.305963	90247	LACFCD	None	Commercial	Side Opening
4	7980	1569	REDONDO BEACH BOULEVARD	DENKER AV	33.89025	-118.304721	90247	LACFCD	None	Commercial	Side Opening
4	9019	1040	ROSECRANS AVENUE	BERENDO AV	33.901785	-118.293575	90247	LACFCD	None	Commercial	Side Opening
4	9055	1150	ROSECRANS AVENUE	S BUDLONG AV	33.902021	-118.29582	90247	LACFCD	None	Commercial	Side Opening
4	9057	14225	VERMONT AVENUE	VICTORIA AV	33.902181	-118.292044	90247	LACFCD	None	Commercial	Side Opening
4	9136	16537	NORMANDIE AVENUE	S NORMANDIE AV	33.880209	-118.299999	90247	LACFCD	None	Commercial	Side Opening
4	9141	16537	NORMANDIE AVENUE	BROADWAY	33.880286	-118.299897	90247	LACFCD	None	Commercial	Side Opening
4	9143	1215	ROSECRANS AVENUE	W CHESTNUT ST	33.902089	-118.296116	90247	LACFCD	None	Commercial	Side Opening
4	9386	1344	155TH STREET	155TH ST	33.890407	-118.299469	90247	LACFCD	None	Commercial	Side Opening
4	9387	1344	155TH STREET	155TH ST	33.890415	-118.29938	90247	LACFCD	None	Commercial	Side Opening
4	9473	14081	VERMONT AVENUE	<Null>	33.903371	-118.292024	90247	LACFCD	None	Commercial	Grated
4	9474	14015	VERMONT AVENUE	CARNELIAN PL	33.904647	-118.292019	90247	LACFCD	None	Commercial	Grated
4	9475	15450	NORMANDIE AVENUE	155TH ST	33.890687	-118.299165	90247	LACFCD	None	Commercial	Side Opening
4	9990	1346	ROSECRANS AVENUE	S NORMANDIE AV	33.901793	-118.300067	90247	LACFCD	None	Commercial	Side Opening
4	9991	1346	ROSECRANS AVENUE	WHISPERING OAKS DR	33.901609	-118.300304	90247	LACFCD	None	Commercial	Side Opening
4	9993	1150	ROSECRANS AVENUE	S BUDLONG AV	33.901788	-118.295828	90247	LACFCD	None	Commercial	Side Opening
4	16277	16390	NORMANDIE AVENUE	W 164TH ST	33.882419	-118.299576	90247	LACFCD	None	Commercial	Side Opening
4	16278	1215	ROSECRANS AVENUE	PIONEER BLVD	33.902094	-118.295985	90247	LACFCD	None	Commercial	Side Opening
4	16279	1367	REDONDO BEACH BOULEVARD	REDONDO BEACH BLV	33.891637	-118.300222	90247	LACFCD	None	Commercial	Side Opening
4	16280	15450	NORMANDIE AVENUE	W OLYMPIC BLVD	33.890525	-118.298986	90247	LACFCD	None	Commercial	Side Opening
4	17830	2938	MARINE AVENUE	W MARINE AV	33.894402	-118.32639	90249	LACFCD	None	Commercial	Side Opening
4	17834	15520	CRENSHAW BOULEVARD	FALLBROOK AV	33.889344	-118.326389	90249	LACFCD	None	Commercial	Side Opening
4	17836	15340	CRENSHAW BOULEVARD	<Null>	33.891277	-118.326395	90249	LACFCD	None	Commercial	Side Opening
4	17837	15722	CRENSHAW BOULEVARD	S CHEVY CHASE DR	33.887604	-118.32639	90249	LACFCD	None	Commercial	Side Opening
4	17838	15342	CRENSHAW BOULEVARD	CRENSHAW BLVD	33.891087	-118.326221	90249	LACFCD	None	Commercial	Side Opening
4	17840	2938	MARINE AVENUE	CRENSHAW BLVD	33.894573	-118.326185	90249	LACFCD	None	Commercial	Side Opening
4	18696	14626	CRENSHAW BOULEVARD	W 154TH ST	33.898373	-118.326261	90249	LACFCD	None	Commercial	Side Opening
4	18837	14946	CRENSHAW BOULEVARD	WADSHAW AL	33.896252	-118.32639	90249	LACFCD	None	Commercial	Side Opening
4	19059	15400	CRENSHAW BOULEVARD	CRENSHAW BLVD	33.890966	-118.32625	90249	LACFCD	None	Commercial	Side Opening
4	19509	14526	CRENSHAW BOULEVARD	<Null>	33.899344	-118.326392	90249	LACFCD	None	Commercial	Side Opening
4	19893	15342	CRENSHAW BOULEVARD	W 108TH ST	33.891184	-118.325872	90249	LACFCD	None	Commercial	Side Opening
4	19955	2938	MARINE AVENUE	CRENSHAW BLVD	33.89475	-118.326258	90249	LACFCD	None	Commercial	Side Opening
4	19957	14700	CRENSHAW BOULEVARD	147TH ST	33.898132	-118.326391	90249	LACFCD	None	Commercial	Side Opening
4	20110	14420	CRENSHAW BOULEVARD	<Null>	33.900252	-118.326389	90249	LACFCD	None	Commercial	Side Opening
4	20876	15520	CRENSHAW BOULEVARD	CRENSHAW BLVD	33.889261	-118.326226	90249	LACFCD	None	Commercial	Side Opening
4	24919	16531	WESTERN AVENUE	S WESTERN AV	33.880195	-118.309364	90247	LACFCD	None	Commercial	Side Opening
4	25480	14401	WADKINS AVENUE	W WASHINGTON BLVD	33.900783	-118.325462	90249	LACFCD	None	Commercial	Side Opening
4	26637	13815	NORMANDIE AVENUE	N BEL AIRE DR	33.905692	-118.300492	90249	LACFCD	None	Commercial	Grated
4	27005	2206	ROSECRANS AVENUE	<Null>	33.901548	-118.317944	90249	LACFCD	None	Commercial	Side Opening
4	27103	2206	ROSECRANS AVENUE	<Null>	33.901704	-118.317945	90249	LACFCD	None	Commercial	Side Opening

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4	27145	14306	VAN NESS AVENUE	VAN NESS AV	33.901812	-118.317572	90249	LACFCD	None	Commercial	Side Opening
4	27154	14301	WESTERN AVENUE	LEDGEWOOD DR	33.901706	-118.309271	90249	LACFCD	None	Commercial	Side Opening
4	27219	16216	CRENSHAW BOULEVARD	REDONDO BEACH BLVD	33.883286	-118.326383	90249	LACFCD	None	Commercial	Side Opening
4	27229	1754	ROSECRANS AVENUE	PEARL ST	33.901649	-118.309005	90249	LACFCD	None	Commercial	Side Opening
4	27230	2206	ROSECRANS AVENUE	VAN NESS AV	33.901809	-118.318151	90249	LACFCD	None	Commercial	Side Opening
4	27523	2206	ROSECRANS AVENUE	VAN NESS AV	33.902035	-118.31807	90249	LACFCD	None	Commercial	Grated
4	27599	2508	ROSECRANS AVENUE	<Null>	33.901809	-118.32198	90249	LACFCD	None	Commercial	Side Opening
4	27635	2445	ROSECRANS AVENUE	PURCHE AV	33.902036	-118.320024	90249	LACFCD	None	Commercial	Grated
4	28414	1426	139TH STREET	BRIGHTON AV	33.905477	-118.301322	90249	LACFCD	None	Commercial	Side Opening
4	36605	1301	REDONDO BEACH BOULEVARD	<Null>	33.8923	-118.298175	90247	LACFCD	None	Commercial	Side Opening
4	37988	1339	REDONDO BEACH BOULEVARD	AVENUE NORMANDIE AV	33.891788	-118.299436	90247	LACFCD	None	Commercial	Side Opening
4	37989	1203	REDONDO BEACH BOULEVARD	MENLO AV	33.892621	-118.29627	90247	LACFCD	None	Commercial	Side Opening
4	37990	1147	REDONDO BEACH BOULEVARD	MAXSON RD	33.892652	-118.296136	90247	LACFCD	None	Commercial	Side Opening
4	37991	1275	REDONDO BEACH BOULEVARD	S RAYMOND AV	33.892249	-118.298004	90247	LACFCD	None	Commercial	Side Opening
4	38325	1301	REDONDO BEACH BOULEVARD	S GALE DR	33.89231	-118.298311	90247	LACFCD	None	Commercial	Side Opening
4	41986	14700	CRENSHAW BOULEVARD	SUNSET BLVD	33.898236	-118.326302	90249	LACFCD	None	Commercial	Side Opening
4	43017	2314	ROSECRANS AVENUE	PURCHE AV	33.901808	-118.320024	90249	LACFCD	None	Commercial	Side Opening
4	43953	1964	162ND STREET	GRAMERCY PL	33.883708	-118.313034	90247	LACFCD	None	Commercial	Side Opening
4	43955	16522	WESTERN AVENUE	IROQUOIS AV	33.88026	-118.309043	90247	LACFCD	None	Commercial	Side Opening
4	44141	15351	WESTERN AVENUE	S WESTERN AV	33.892066	-118.309291	90249	LACFCD	None	Commercial	Grated
4	45429	15340	WESTERN AVENUE	S WESTERN AV	33.892067	-118.309012	90249	LACFCD	None	Commercial	Side Opening
4	45792	16520	GRAMERCY PLACE	S WESTERN AV	33.891884	-118.308939	90247	LACFCD	None	Commercial	Side Opening
4	46666	16127	WESTERN AVENUE	RUBIO VISTA RD	33.883962	-118.309297	90247	LACFCD	None	Commercial	Side Opening
4	46900	15340	WESTERN AVENUE	S WESTERN AV	33.891997	-118.308937	90249	LACFCD	None	Commercial	Side Opening
4	47314	16130	HARVARD BOULEVARD	S HARVARD BLVD	33.88368	-118.306838	90247	LACFCD	None	Commercial	Side Opening
4	47405	16531	WESTERN AVENUE	W 166TH ST	33.880303	-118.309256	90247	LACFCD	None	Commercial	Side Opening
4	47406	2169	REDONDO BEACH BOULEVARD	W 159TH ST	33.88647	-118.31589	90247	LACFCD	None	Commercial	Side Opening
4	47417	16126	WESTERN AVENUE	VANOWEN ST	33.883975	-118.309006	90247	LACFCD	None	Commercial	Grated
4	47506	2001	REDONDO BEACH BOULEVARD	GRAMERCY PL	33.887314	-118.313275	90247	LACFCD	None	Commercial	Side Opening
4	47507	2207	REDONDO BEACH BOULEVARD	<Null>	33.885878	-118.317942	90247	LACFCD	None	Commercial	Side Opening
4	47691	2205	REDONDO BEACH BOULEVARD	VAN NESS AV	33.885944	-118.317518	90247	LACFCD	None	Commercial	Side Opening
4	47988	15725	VAN NESS AVENUE	W 3RD ST	33.887291	-118.318038	90249	LACFCD	None	Commercial	Side Opening
4	54550	18130	WESTERN AVENUE	W KELSO ST	33.865706	-118.308815	90248	LACFCD	None	Commercial	Side Opening
4	54877	18123	HOBART BOULEVARD	HOBART BLVD	33.865706	-118.308223	90248	LACFCD	None	Commercial	Side Opening
4	55163	1601	REDONDO BEACH BOULEVARD	DENKER AV	33.890144	-118.304854	90247	LACFCD	None	Commercial	Side Opening
4	55377	1640	REDONDO BEACH BOULEVARD	UNIVERSITY AV	33.889224	-118.306229	90247	LACFCD	None	Commercial	Side Opening
4	55396	1569	REDONDO BEACH BOULEVARD	DENKER AV	33.890131	-118.304544	90247	LACFCD	None	Commercial	Side Opening
4	59646	15013	VERMONT AVENUE	S VERMONT AV	33.894697	-118.292158	90247	LACFCD	None	Commercial	Side Opening
4	66198	1640	REDONDO BEACH BOULEVARD	CALMETTE AV	33.88933	-118.306093	90247	LACFCD	None	Commercial	Side Opening
4	66296	1653	REDONDO BEACH BOULEVARD	LA SALLE AV	33.8896	-118.306247	90247	LACFCD	None	Commercial	Side Opening
4	67644	16216	CRENSHAW BOULEVARD	REDONDO BEACH BLVD	33.883325	-118.326384	90249	LACFCD	None	Commercial	Side Opening
4	67683	1919	REDONDO BEACH BOULEVARD	WHITE OAK AV	33.887627	-118.312438	90247	LACFCD	None	Commercial	Side Opening
4	68529	1875	REDONDO BEACH BOULEVARD	VENTURA ST	33.888219	-118.310704	90249	LACFCD	None	Commercial	Side Opening

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PRIORITY	BASIN ID	ADDRESS NUMBER	STREET NAME	CROSS STREET	LATITUDE	LONGITUDE	ZIP CODE	OWNER	CPS/ARS INSTALLED	LAND USE GROUP	SUBTYPE
4	68865	1919	REDONDO BEACH BOULEVARD	SAINT ANDREWS PL	33.887864	-118.312302	90247	LACFCD	None	Commercial	Side Opening
4	69010	1825	REDONDO BEACH BOULEVARD	MANHATTAN PL	33.888256	-118.310387	90247	LACFCD	None	Commercial	Side Opening
4	72076	14823	NORMANDIE AVENUE	RAMIREZ MESA DR	33.896579	-118.292058	90247	LACFCD	None	Commercial	Side Opening
4	72077	14904	149TH STREET	S VERMONT AV	33.896513	-118.292112	90247	LACFCD	None	Commercial	Side Opening
4	72230	1919	REDONDO BEACH BOULEVARD	RUTHELEN AV	33.887665	-118.312183	90247	LACFCD	None	Commercial	Side Opening
4	72411	1801	REDONDO BEACH BOULEVARD	S WESTERN AV	33.888746	-118.30884	90247	LACFCD	None	Commercial	Side Opening
4	72697	1919	REDONDO BEACH BOULEVARD	FIRMONA AV	33.887721	-118.312303	90247	LACFCD	None	Commercial	Side Opening
4	72797	15932	CRENSHAW BOULEVARD	ROCKET ST	33.885521	-118.326385	90249	LACFCD	None	Commercial	Side Opening
4	72813	1801	REDONDO BEACH BOULEVARD	GALLINETA ST	33.888675	-118.309299	90247	LACFCD	None	Commercial	Side Opening
4	73436	18130	WESTERN AVENUE	182ND ST	33.86597	-118.30902	90248	LACFCD	None	Commercial	Side Opening
4	73872	1919	REDONDO BEACH BOULEVARD	WRANGELL LN	33.887724	-118.312438	90247	LACFCD	None	Commercial	Side Opening
4	74720	1398	ARTESIA BOULEVARD	ARTESIA BLVD	33.872535	-118.298797	90248	LACFCD	None	Commercial	Grated
4	74847	18130	WESTERN AVENUE	182ND ST	33.865929	-118.30902	90248	LACFCD	None	Commercial	Side Opening
4	75519	17334	NORMANDIE AVENUE	ARTESIA BLVD	33.873497	-118.298773	90247	LACFCD	None	Commercial	Grated
4	75589	15810	CRENSHAW BOULEVARD	N GLENOAKS BLVD	33.887289	-118.326173	90249	LACFCD	None	Commercial	Side Opening
4	75701	1801	REDONDO BEACH BOULEVARD	<Null>	33.88884	-118.309005	90247	LACFCD	None	Commercial	Side Opening
4	77178	17333	NORMANDIE AVENUE	<Null>	33.873477	-118.299042	90247	LACFCD	None	Commercial	Grated
4	81096	1340	ARTESIA BOULEVARD	<Null>	33.872714	-118.297903	90248	<Null>	None	Commercial	Side Opening
4	85824	1000	ROSECRANS AVENUE	S VERMONT AV	33.901646	-118.292038	90247	Other	None	Commercial	Side Opening
4	86020	1001	ARTESIA BOULEVARD	ARTESIA BLVD	33.873109	-118.291064	90248	Other	None	Commercial	Side Opening
4	90599	1301	ARTESIA BOULEVARD	BUDLONG AV	33.873059	-118.295214	90248	State of California	None	Commercial	Side Opening
4	91860	1399	ARTESIA BOULEVARD	S NORMANDIE AV	33.873104	-118.297667	90247	State of California	None	Commercial	Side Opening
4	92908	17403	VERMONT AVENUE	ARTESIA BLVD	33.872434	-118.291025	90248	State of California	None	Commercial	Side Opening
4	93508	1299	ARTESIA BOULEVARD	HALLDALE AV	33.873078	-118.301288	90248	State of California	None	Commercial	Side Opening
4	93509	1401	ARTESIA BOULEVARD	UP RR	33.873097	-118.300433	90248	State of California	None	Commercial	Side Opening
4	112473	1735	GARDENA BOULEVARD	EL VAGO ST	33.882326	-118.308011	90247	Gardena	None	Commercial	Side Opening
4	112480	1736	GARDENA BOULEVARD	PINE ST	33.88171	-118.308095	90247	Gardena	None	Commercial	Side Opening
4	112567	1415	182ND STREET	S NORMANDIE AV	33.865854	-118.299598	90248	Gardena	None	Commercial	Side Opening
4	112772	16417	HOBART BOULEVARD	DESCANSO DR	33.881295	-118.30809	90247	Gardena	None	Commercial	Grated
4	113277	14412	CRENSHAW BOULEVARD	INDIAN HILL BLVD	33.900528	-118.326389	90249	Gardena	None	Commercial	Side Opening
4	113697	13445	VERMONT AVENUE	W 135TH ST	33.909379	-118.291981	90247	Gardena	None	Commercial	Side Opening
5	6328	1247	144TH STREET	RAYMOND AV	33.90179	-118.29806	90247	LACFCD	None	MF Residential	Side Opening
5	6341	14807	NORMANDIE AVENUE	WHITTIER DR	33.897141	-118.300519	90247	LACFCD	None	MF Residential	Side Opening
5	6361	14427	NORMANDIE AVENUE	PARKMOR RD	33.900347	-118.300604	90247	LACFCD	None	MF Residential	Side Opening
5	6364	15640	NORMANDIE AVENUE	MAGNOLIA AV	33.88877	-118.299251	90247	LACFCD	None	MF Residential	Side Opening
5	6433	15640	NORMANDIE AVENUE	MAGNOLIA AV	33.888799	-118.299451	90247	LACFCD	None	MF Residential	Side Opening
5	6434	1402	146TH STREET	<Null>	33.89881	-118.3003	90247	LACFCD	None	MF Residential	Side Opening
5	6452	1402	146TH STREET	146TH ST	33.898873	-118.300518	90247	LACFCD	None	MF Residential	Side Opening
5	6457	15743	NORMANDIE AVENUE	VICTORY BLVD	33.887575	-118.299505	90247	LACFCD	None	MF Residential	Side Opening
5	6659	1281	ROSECRANS AVENUE	144TH ST	33.902025	-118.298054	90247	LACFCD	None	MF Residential	Side Opening
5	6660	15810	NORMANDIE AVENUE	<Null>	33.887462	-118.29931	90247	LACFCD	None	MF Residential	Side Opening
5	6661	15223	NORMANDIE AVENUE	W 153RD ST	33.893074	-118.300521	90247	LACFCD	None	MF Residential	Side Opening
5	6663	14503	NORMANDIE AVENUE	145TH ST	33.900258	-118.300516	90247	LACFCD	None	MF Residential	Side Opening

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PRIORITY	BASIN ID	ADDRESS NUMBER	STREET NAME	CROSS STREET	LATITUDE	LONGITUDE	ZIP CODE	OWNER	CPS/ARS INSTALLED	LAND USE GROUP	SUBTYPE
5	7361	1601	168TH STREET	DENKER AV	33.879182	-118.304997	90247	LACFCD	None	MF Residential	Side Opening
5	7362	16827	DENKER AVENUE	W 169TH ST	33.878436	-118.304868	90247	LACFCD	None	MF Residential	Side Opening
5	7363	1602	168TH STREET	DENKER AV	33.87907	-118.304996	90247	LACFCD	None	MF Residential	Side Opening
5	7364	16826	DENKER AVENUE	W 169TH ST	33.878434	-118.304733	90247	LACFCD	None	MF Residential	Side Opening
5	7475	16130	HARVARD BOULEVARD	<Null>	33.883995	-118.306907	90247	LACFCD	None	MF Residential	Side Opening
5	7477	16526	HALLDALE AVENUE	HALLDALE AV	33.880208	-118.302136	90247	LACFCD	None	MF Residential	Side Opening
5	7478	15011	HARVARD BOULEVARD	S HARVARD BLVD	33.894727	-118.307002	90247	LACFCD	None	MF Residential	Side Opening
5	7974	16958	HALLDALE AVENUE	HALLDALE AV	33.876568	-118.302477	90247	LACFCD	None	MF Residential	Side Opening
5	7975	16957	HALLDALE AVENUE	HALLDALE AV	33.876566	-118.302841	90247	LACFCD	None	MF Residential	Side Opening
5	7976	16526	HALLDALE AVENUE	W OLYMPIC BLVD	33.880262	-118.302072	90247	LACFCD	None	MF Residential	Side Opening
5	7979	1601	166TH STREET	DENKER AV	33.880204	-118.304547	90247	LACFCD	None	MF Residential	Side Opening
5	7981	15737	LA SALLE AVENUE	<Null>	33.887527	-118.306226	90247	LACFCD	None	MF Residential	Side Opening
5	9388	15224	NORMANDIE AVENUE	<Null>	33.893084	-118.300321	90247	LACFCD	None	MF Residential	Side Opening
5	9469	14808	NORMANDIE AVENUE	<Null>	33.897149	-118.30032	90247	LACFCD	None	MF Residential	Grated
5	9471	14427	NORMANDIE AVENUE	S NORMANDIE AV	33.900439	-118.300615	90247	LACFCD	None	MF Residential	Side Opening
5	9646	15540	NORMANDIE AVENUE	S NORMANDIE AV	33.88969	-118.29921	90247	LACFCD	None	MF Residential	Side Opening
5	14121	13325	BUDLONG AVENUE	OAK SPRINGS CANYOI	33.910935	-118.296466	90247	LACFCD	None	MF Residential	Side Opening
5	15371	15743	NORMANDIE AVENUE	S NORMANDIE AV	33.88747	-118.299644	90247	LACFCD	None	MF Residential	Side Opening
5	15984	15640	NORMANDIE AVENUE	N BEVERLY DR	33.888683	-118.299164	90247	LACFCD	None	MF Residential	Side Opening
5	21742	14641	DENKER AVENUE	SHERMAN GROVE AV	33.89775	-118.304937	90247	LACFCD	None	MF Residential	Side Opening
5	23010	1557	145TH STREET	S FLOWER ST	33.900442	-118.30461	90247	LACFCD	None	MF Residential	Side Opening
5	25019	1859	145TH STREET	SAINT ANDREWS PL	33.900155	-118.311263	90249	LACFCD	None	MF Residential	Side Opening
5	25358	14425	SAINT ANDREWS PLACE	KILROY AIRPORT WY	33.900158	-118.311594	90249	LACFCD	None	MF Residential	Side Opening
5	25497	1860	146TH STREET	SANTA MONICA BLVD	33.898955	-118.311266	90249	LACFCD	None	MF Residential	Side Opening
5	26137	1860	146TH STREET	146TH ST	33.898858	-118.311372	90249	LACFCD	None	MF Residential	Side Opening
5	26138	1857	146TH STREET	<Null>	33.899048	-118.311268	90249	LACFCD	None	MF Residential	Side Opening
5	26639	14642	DENKER AVENUE	SEARIDGE DR	33.897746	-118.30461	90247	LACFCD	None	MF Residential	Side Opening
5	27109	1856	145TH STREET	HOOPER AV	33.900059	-118.311078	90249	LACFCD	None	MF Residential	Side Opening
5	27119	14525	DENKER AVENUE	W CHESTNUT AV	33.899035	-118.304936	90247	LACFCD	None	MF Residential	Side Opening
5	27153	2617	ROSECRANS AVENUE	<Null>	33.902031	-118.322021	90249	LACFCD	None	MF Residential	Grated
5	27491	1904	145TH STREET	145TH ST	33.900013	-118.311488	90249	LACFCD	None	MF Residential	Side Opening
5	27573	1602	146TH STREET	E COLON ST	33.898946	-118.304938	90247	LACFCD	None	MF Residential	Side Opening
5	27672	14503	DENKER AVENUE	<Null>	33.900057	-118.304937	90247	LACFCD	None	MF Residential	Side Opening
5	27772	1856	145TH STREET	145TH ST	33.89997	-118.311375	90249	LACFCD	None	MF Residential	Side Opening
5	27985	1602	146TH STREET	DENKER AV	33.898854	-118.304825	90247	LACFCD	None	MF Residential	Side Opening
5	27986	14503	DENKER AVENUE	145TH ST	33.899963	-118.304829	90247	LACFCD	None	MF Residential	Side Opening
5	28016	1557	146TH STREET	WISTARIA VALLEY RD	33.898957	-118.304611	90247	LACFCD	None	MF Residential	Side Opening
5	28406	1558	145TH STREET	DENKER AV	33.900254	-118.30472	90247	LACFCD	None	MF Residential	Side Opening
5	28408	1558	145TH STREET	METROMALL DR	33.90034	-118.304613	90247	LACFCD	None	MF Residential	Side Opening
5	28410	1557	146TH STREET	N AVENUE 25	33.899039	-118.30461	90247	LACFCD	None	MF Residential	Side Opening
5	28413	1605	145TH STREET	W NAOMI AV	33.900145	-118.304936	90247	LACFCD	None	MF Residential	Side Opening
5	28899	1527	162ND STREET	W 162ND ST	33.883909	-118.303144	90247	LACFCD	None	MF Residential	Side Opening
5	31243	1461	162ND STREET	HALLDALE AV	33.88386	-118.301809	90247	LACFCD	None	MF Residential	Side Opening

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5	31249	16123	HALLDALE AVENUE	W 162ND ST	33.883917	-118.302074	90247	LACFCD	None	MF Residential	Side Opening
5	32070	16123	HALLDALE AVENUE	HALLDALE AV	33.883859	-118.302152	90247	LACFCD	None	MF Residential	Side Opening
5	32073	1461	162ND STREET	RUSSELL RANCH RD	33.88391	-118.301924	90247	LACFCD	None	MF Residential	Side Opening
5	32289	14718	BUDLONG AVENUE	146TH ST	33.897846	-118.29599	90247	LACFCD	None	MF Residential	Side Opening
5	33666	1141	140TH PLACE	140TH PL	33.904191	-118.295979	90247	LACFCD	None	MF Residential	Side Opening
5	33962	1141	140TH PLACE	KITTRIDGE ST	33.904099	-118.295874	90247	LACFCD	None	MF Residential	Side Opening
5	33963	14029	BUDLONG AVENUE	VICTORY BLVD	33.903891	-118.296115	90247	LACFCD	None	MF Residential	Side Opening
5	34663	1141	140TH PLACE	OCEAN PARK BLVD	33.903999	-118.295859	90247	LACFCD	None	MF Residential	Side Opening
5	34803	1435	162ND STREET	W KELSO ST	33.883924	-118.300859	90247	LACFCD	None	MF Residential	Side Opening
5	42016	14425	SAINT ANDREWS PLACE	ROYCROFT AV	33.900059	-118.311596	90249	LACFCD	None	MF Residential	Side Opening
5	43640	1539	162ND STREET	W CLARK AV	33.883908	-118.303293	90247	LACFCD	None	MF Residential	Side Opening
5	43954	1865	166TH STREET	SAINT ANDREWS PL	33.880197	-118.311461	90247	LACFCD	None	MF Residential	Side Opening
5	44231	1866	162ND STREET	SAINT ANDREWS PL	33.883675	-118.311456	90247	LACFCD	None	MF Residential	Side Opening
5	44256	1901	166TH STREET	W 166TH ST	33.880307	-118.311686	90247	LACFCD	None	MF Residential	Side Opening
5	45835	1865	166TH STREET	GRAMERCY PL	33.880195	-118.31272	90247	LACFCD	None	MF Residential	Side Opening
5	45836	1945	166TH STREET	N BELLFLOWER BLVD	33.880304	-118.31155	90247	LACFCD	None	MF Residential	Side Opening
5	45973	16207	SAINT ANDREWS PLACE	SAINT ANDREWS PL	33.883675	-118.311761	90247	LACFCD	None	MF Residential	Side Opening
5	45974	16517	GRAMERCY PLACE	ROLLING RIDGE DR	33.880339	-118.312936	90247	LACFCD	None	MF Residential	Side Opening
5	45976	1929	GARDENA BOULEVARD	W 225TH ST	33.882105	-118.3128	90247	LACFCD	None	MF Residential	Side Opening
5	46132	1817	166TH STREET	LANKERSHIM BLVD	33.880271	-118.3103	90247	LACFCD	None	MF Residential	Side Opening
5	46133	1835	166TH STREET	<Null>	33.880262	-118.310436	90247	LACFCD	None	MF Residential	Side Opening
5	46134	1901	166TH STREET	SAINT ANDREWS PL	33.880198	-118.311767	90247	LACFCD	None	MF Residential	Side Opening
5	46275	1827	162ND STREET	MANHATTAN PL	33.883856	-118.310226	90247	LACFCD	None	MF Residential	Side Opening
5	46667	1843	162ND STREET	W 162ND ST	33.88395	-118.310445	90247	LACFCD	None	MF Residential	Side Opening
5	47076	16527	DALTON AVENUE	BROADWAY	33.880259	-118.303292	90247	LACFCD	None	MF Residential	Side Opening
5	47103	16537	BRIGHTON AVENUE	BRIGHTON AV	33.880208	-118.300917	90247	LACFCD	None	MF Residential	Side Opening
5	47105	1553	GARDENA BOULEVARD	DENKER AV	33.882071	-118.304331	90247	LACFCD	None	MF Residential	Side Opening
5	47106	16962	BRIGHTON AVENUE	BRIGHTON AV	33.876566	-118.301399	90247	LACFCD	None	MF Residential	Side Opening
5	47107	16122	DENKER AVENUE	W 162ND ST	33.883909	-118.304331	90247	LACFCD	None	MF Residential	Side Opening
5	47418	1865	162ND STREET	S 7TH ST	33.883907	-118.311563	90247	LACFCD	None	MF Residential	Side Opening
5	47420	1827	162ND STREET	W 88TH ST	33.883937	-118.310307	90247	LACFCD	None	MF Residential	Side Opening
5	47421	16520	GRAMERCY PLACE	W 166TH ST	33.880425	-118.3128	90247	LACFCD	None	MF Residential	Side Opening
5	47523	1865	162ND STREET	SAINT ANDREWS PL	33.883855	-118.311504	90247	LACFCD	None	MF Residential	Side Opening
5	47711	15801	DALTON AVENUE	DALTON AV	33.887467	-118.30326	90247	LACFCD	None	MF Residential	Side Opening
5	47712	15733	HALLDALE AVENUE	HALLDALE AV	33.887467	-118.302221	90247	LACFCD	None	MF Residential	Side Opening
5	47713	1566	158TH STREET	MERIT PARK DR	33.887468	-118.303892	90247	LACFCD	None	MF Residential	Side Opening
5	47714	15733	HALLDALE AVENUE	W ARBOR VITAE ST	33.887576	-118.30211	90247	LACFCD	None	MF Residential	Side Opening
5	47715	15730	HALLDALE AVENUE	S CHAPEL AV	33.887562	-118.30199	90247	LACFCD	None	MF Residential	Side Opening
5	47716	15804	DALTON AVENUE	DALTON AV	33.887346	-118.303051	90247	LACFCD	None	MF Residential	Side Opening
5	48000	1553	GARDENA BOULEVARD	DENKER AV	33.882009	-118.304287	90247	LACFCD	None	MF Residential	Grated
5	48039	1835	166TH STREET	MANHATTAN PL	33.880197	-118.310486	90247	LACFCD	None	MF Residential	Side Opening
5	48090	15612	VAN NESS AVENUE	<Null>	33.88812	-118.31773	90249	LACFCD	None	MF Residential	Side Opening
5	49576	16957	HALLDALE AVENUE	N LA BREA AV	33.876625	-118.302725	90247	LACFCD	None	MF Residential	Side Opening

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PRIORITY	BASIN ID	ADDRESS NUMBER	STREET NAME	CROSS STREET	LATITUDE	LONGITUDE	ZIP CODE	OWNER	CPS/ARS INSTALLED	LAND USE GROUP	SUBTYPE
5	50623	1629	162ND STREET	LA SALLE AV	33.88386	-118.305724	90247	LACFCD	None	MF Residential	Side Opening
5	54893	1647	182ND STREET	W 182ND ST	33.865698	-118.307508	90248	LACFCD	None	MF Residential	Grated
5	55058	16962	BRIGHTON AVENUE	BRIGHTON WY	33.876566	-118.301125	90247	LACFCD	None	MF Residential	Side Opening
5	55059	16001	DENKER AVENUE	W 160TH ST	33.885504	-118.304479	90247	LACFCD	None	MF Residential	Side Opening
5	55112	17805	DENKER AVENUE	N ALLEN AV	33.86927	-118.305215	90248	LACFCD	None	MF Residential	Side Opening
5	55149	15928	DENKER AVENUE	DENKER AV	33.885642	-118.304264	90247	LACFCD	None	MF Residential	Grated
5	55168	15928	DENKER AVENUE	W 160TH ST	33.885705	-118.304332	90247	LACFCD	None	MF Residential	Side Opening
5	55372	16962	BRIGHTON AVENUE	S BROADWAY	33.876653	-118.301503	90247	LACFCD	None	MF Residential	Side Opening
5	55373	16958	HALLDALE AVENUE	S LONE HILL AV	33.876658	-118.302588	90247	LACFCD	None	MF Residential	Side Opening
5	55375	1629	158TH STREET	LA SALLE AV	33.887339	-118.305731	90247	LACFCD	None	MF Residential	Side Opening
5	55378	16129	HARVARD BOULEVARD	W 162ND ST	33.884009	-118.307042	90247	LACFCD	None	MF Residential	Side Opening
5	55394	16125	DENKER AVENUE	W 162ND ST	33.88393	-118.304476	90247	LACFCD	None	MF Residential	Side Opening
5	55694	1637	158TH STREET	LA SALLE AV	33.887462	-118.306002	90247	LACFCD	None	MF Residential	Side Opening
5	55695	16130	HARVARD BOULEVARD	S HARVARD BLVD	33.883859	-118.306797	90247	LACFCD	None	MF Residential	Side Opening
5	55697	16527	DALTON AVENUE	DALTON AV	33.880204	-118.303354	90247	LACFCD	None	MF Residential	Side Opening
5	55816	16129	HARVARD BOULEVARD	S HARVARD BLVD	33.883859	-118.307156	90247	LACFCD	None	MF Residential	Side Opening
5	55818	15011	HARVARD BOULEVARD	W MARINE AV	33.894782	-118.306935	90247	LACFCD	None	MF Residential	Side Opening
5	55880	1651	182ND STREET	LA SALLE AV	33.865705	-118.306077	90248	LACFCD	None	MF Residential	Side Opening
5	59647	15111	VERMONT AVENUE	S VERMONT AV	33.894587	-118.292163	90247	LACFCD	None	MF Residential	Grated
5	69437	14815	BERENDO AVENUE	TUESDAY DR	33.896608	-118.293819	90247	LACFCD	None	MF Residential	Side Opening
5	69608	14807	BERENDO AVENUE	148TH ST	33.896893	-118.29404	90247	LACFCD	None	MF Residential	Side Opening
5	69609	14807	BERENDO AVENUE	148TH ST	33.896985	-118.293953	90247	LACFCD	None	MF Residential	Side Opening
5	69611	14800	BERENDO AVENUE	148TH ST	33.896983	-118.293816	90247	LACFCD	None	MF Residential	Side Opening
5	90345	1648	158TH STREET	<Null>	33.887274	-118.305713	90247	Private	None	MF Residential	Side Opening
5	95609	16521	HARVARD BOULEVARD	<Null>	33.880206	-118.307124	90247	Other	None	MF Residential	Side Opening
5	99626	1517	166TH STREET	<Null>	33.880092	-118.302787	90247	Other	None	MF Residential	Grated
5	105989	14106	ARDATH AVENUE	ARDATH AV	33.902036	-118.323828	90249	Other	None	MF Residential	Side Opening
5	112373	16433	LA SALLE AVENUE	<Null>	33.881163	-118.305966	90247	Gardena	None	MF Residential	Side Opening
5	112465	1266	166TH STREET	UP RR	33.880047	-118.297491	90247	Gardena	None	MF Residential	Side Opening
5	112771	16425	HARVARD BOULEVARD	VILLAGE GREEN DR	33.881156	-118.307049	90247	Gardena	None	MF Residential	Side Opening
5	112854	16428	HARVARD BOULEVARD	<Null>	33.881153	-118.306895	90247	Gardena	None	MF Residential	Side Opening
5	112856	1267A	166TH STREET	UP RR	33.880247	-118.29751	90247	Gardena	None	MF Residential	Side Opening
5	112973	17320	DALTON AVENUE	DALTON AV	33.873012	-118.303499	90248	Gardena	None	MF Residential	Side Opening
5	113076	1218	144TH STREET	144TH PL	33.901324	-118.296856	90247	Gardena	None	MF Residential	Side Opening
5	113078	1147	166TH STREET	W 165TH PL	33.880263	-118.295132	90247	Gardena	None	MF Residential	Side Opening
5	113079	1148	166TH STREET	W 165TH PL	33.880053	-118.295126	90247	Gardena	None	MF Residential	Side Opening
5	113087	1419	179TH STREET	S LONE HILL AV	33.86813	-118.299418	90248	Gardena	None	MF Residential	Side Opening
5	113088	1420	179TH STREET	N DICKASON DR	33.867951	-118.299432	90248	Gardena	None	MF Residential	Side Opening
5	113586	14407	DENKER AVENUE	W OLYMPIC BLVD	33.900879	-118.304934	90247	Gardena	None	MF Residential	Side Opening
5	113689	15606	BUDLONG PLACE	S BUDLONG PL	33.889297	-118.295414	90247	Gardena	None	MF Residential	Side Opening
5	48149	2201	154TH STREET	CRENSHAW BLVD	33.8912	-118.317731	90249	LACFCD	None	Transportation	Side Opening
5	59267	14819	VERMONT AVENUE	W 149TH ST	33.896993	-118.291691	90247	LACFCD	None	Transportation	Side Opening
5	59641	14819	VERMONT AVENUE	<Null>	33.896881	-118.291892	90247	LACFCD	None	Transportation	Side Opening

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5	59644	15111	VERMONT AVENUE	W MADISON AV	33.894515	-118.292082	90247	LACFCD	None	Transportation	Side Opening
5	59645	15111	VERMONT AVENUE	S VERMONT AV	33.894534	-118.291874	90247	LACFCD	None	Transportation	Side Opening
5	62204	14901	VERMONT AVENUE	S VERMONT AV	33.896027	-118.291733	90247	LACFCD	None	Transportation	Side Opening
5	71819	14925	VERMONT AVENUE	E WASHINGTON BLVD	33.895716	-118.291897	90247	LACFCD	None	Transportation	Side Opening
5	71905	14823	NORMANDIE AVENUE	S VERMONT AV	33.896592	-118.291706	90247	LACFCD	None	Transportation	Side Opening
5	72075	14925	VERMONT AVENUE	N PACIFIC AV	33.895718	-118.292055	90247	LACFCD	None	Transportation	Side Opening
5	75220	14925	VERMONT AVENUE	SHADOW OAK DR	33.895653	-118.291727	90247	LACFCD	None	Transportation	Side Opening
5	112464	1011	161ST STREET	TULARE AV	33.885578	-118.291856	90247	Gardena	None	Transportation	Side Opening
6	6326	16403	NORMANDIE AVENUE	W GARDENA BLVD	33.882071	-118.299807	90247	LACFCD	None	Education	Side Opening
6	6687	1350	162ND STREET	E SLAUSON AV	33.883972	-118.299688	90247	LACFCD	None	Education	Side Opening
6	6801	1350	162ND STREET	S NORMANDIE AV	33.883864	-118.299842	90247	LACFCD	None	Education	Side Opening
6	7978	1604	153RD STREET	DENKER AV	33.892914	-118.304929	90247	LACFCD	None	Education	Side Opening
6	16276	1350	162ND STREET	S NORMANDIE AV	33.883688	-118.299769	90247	LACFCD	None	Education	Side Opening
6	24062	14701	VAN NESS AVENUE	147TH ST	33.898161	-118.317739	90249	LACFCD	None	Education	Side Opening
6	33617	1435	162ND STREET	W PICO BLVD	33.883911	-118.300704	90247	LACFCD	None	Education	Side Opening
6	47844	1601	GARDENA BOULEVARD	DENKER AV	33.882011	-118.304525	90247	LACFCD	None	Education	Grated
6	48373	2205	REDONDO BEACH BOULEVARD	W 58TH PL	33.886025	-118.317681	90247	LACFCD	None	Education	Side Opening
6	55056	1703	153RD STREET	LOMITA BLVD	33.893091	-118.306894	90247	LACFCD	None	Education	Side Opening
6	55060	1601	GARDENA BOULEVARD	DENKER AV	33.882059	-118.304476	90247	LACFCD	None	Education	Side Opening
6	55061	1703	153RD STREET	<Null>	33.892994	-118.306895	90247	LACFCD	None	Education	Side Opening
6	55688	1547	153RD STREET	DENKER AV	33.892966	-118.304851	90247	LACFCD	None	Education	Side Opening
6	55696	1658	153RD STREET	S HARVARD BLVD	33.892909	-118.306789	90247	LACFCD	None	Education	Side Opening
6	59643	14905	VERMONT AVENUE	S VERMONT AV	33.8964	-118.292505	90247	LACFCD	None	Education	Side Opening
6	69435	1103	149TH STREET	S LOPE LN	33.896271	-118.29381	90247	LACFCD	None	Education	Side Opening
6	72078	14901	VERMONT AVENUE	S VERMONT AV	33.896402	-118.292109	90247	LACFCD	None	Education	Grated
6	108104	1348	163RD STREET	<Null>	33.882723	-118.299774	90247	Other	None	Education	Side Opening
6	6453	16819	NORMANDIE AVENUE	S NORMANDIE AV	33.878435	-118.300069	90247	LACFCD	None	Agriculture	Side Opening
6	6662	16622	NORMANDIE AVENUE	S NORMANDIE AV	33.878898	-118.29997	90247	LACFCD	None	Agriculture	Side Opening
6	55724	17420	WESTERN AVENUE	<Null>	33.870827	-118.309047	90248	LACFCD	None	Agriculture	Side Opening
6	66562	16828	NORMANDIE AVENUE	S NORMANDIE AV	33.87821	-118.299688	90247	LACFCD	None	Agriculture	Side Opening
6	84885	1610	SR-91	<Null>	33.871034	-118.305047	90248	Other	None	Agriculture	Side Opening
6	6551	1341	160TH STREET	WALNUT AV	33.885763	-118.299594	90247	LACFCD	None	Agriculture	Side Opening
6	9140	1342	160TH STREET	S NORMANDIE AV	33.885656	-118.299735	90247	LACFCD	None	Agriculture	Side Opening
6	9142	14503	NORMANDIE AVENUE	<Null>	33.900169	-118.300299	90247	LACFCD	None	Agriculture	Side Opening
6	81097	1398	ARTESIA BOULEVARD	<Null>	33.872611	-118.299066	90248	<Null>	None	Agriculture	Grated
6	6344	14520	NORMANDIE AVENUE	EDMONTON RD	33.899582	-118.300188	90247	LACFCD	None	SF Residential	Side Opening
6	6346	1351	163RD STREET	LOST SPRINGS DR	33.883316	-118.299524	90247	LACFCD	None	SF Residential	Side Opening
6	6363	1351	163RD STREET	S NORMANDIE AV	33.883239	-118.299432	90247	LACFCD	None	SF Residential	Side Opening
6	6432	14520	NORMANDIE AVENUE	<Null>	33.899449	-118.300302	90247	LACFCD	None	SF Residential	Side Opening
6	6952	16120	NORMANDIE AVENUE	S NORMANDIE AV	33.884148	-118.299382	90247	LACFCD	None	SF Residential	Side Opening
6	7977	1547	154TH STREET	DENKER AV	33.892095	-118.304717	90247	LACFCD	None	SF Residential	Side Opening
6	8355	17805	DENKER AVENUE	SLUSHER DR	33.869156	-118.305218	90248	LACFCD	None	SF Residential	Side Opening
6	9056	1343	161ST STREET	S NORMANDIE AV	33.885052	-118.299328	90247	LACFCD	None	SF Residential	Side Opening

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6	9470	14514	NORMANDIE AVENUE	MOZART ST	33.899685	-118.300192	90247	LACFCD	None	SF Residential	Grated
6	9575	1346	161ST STREET	S NORMANDIE AV	33.884939	-118.29934	90247	LACFCD	None	SF Residential	Side Opening
6	9645	1350	162ND STREET	S NORMANDIE AV	33.884023	-118.299386	90247	LACFCD	None	SF Residential	Side Opening
6	10664	13302	BUDLONG AVENUE	S BUDLONG AV	33.911611	-118.296219	90247	LACFCD	None	SF Residential	Side Opening
6	10957	1141	133RD STREET	W 133RD ST	33.911805	-118.296322	90247	LACFCD	None	SF Residential	Side Opening
6	11783	1125	129TH STREET	BERENDO AV	33.915925	-118.295018	90247	LACFCD	None	SF Residential	Side Opening
6	14110	13123	SPINNING AVENUE	SAINT CHARLES ST	33.912798	-118.318814	90249	LACFCD	None	SF Residential	Side Opening
6	14491	13412	BUDLONG AVENUE	S 7TH ST	33.910439	-118.296325	90247	LACFCD	None	SF Residential	Side Opening
6	14556	1134	129TH STREET	BERENDO AV	33.915867	-118.29517	90247	LACFCD	None	SF Residential	Side Opening
6	14559	13452	BUDLONG AVENUE	S BUDLONG AV	33.909257	-118.296245	90247	LACFCD	None	SF Residential	Side Opening
6	15860	16120	NORMANDIE AVENUE	NADEAU ST	33.884223	-118.299479	90247	LACFCD	None	SF Residential	Side Opening
6	16275	1343	161ST STREET	IRVINE AV	33.885138	-118.299432	90247	LACFCD	None	SF Residential	Side Opening
6	16754	13123	SPINNING AVENUE	SPINNING AV	33.912716	-118.318924	90249	LACFCD	None	SF Residential	Side Opening
6	17835	2919	154TH STREET	ATKINSON AV	33.891083	-118.325613	90249	LACFCD	None	SF Residential	Side Opening
6	18200	17015	KOMORI CIRCLE	<Null>	33.875911	-118.299104	90247	LACFCD	None	SF Residential	Grated
6	19894	2919	154TH STREET	<Null>	33.891179	-118.325731	90249	LACFCD	None	SF Residential	Side Opening
6	24059	1904	146TH STREET	146TH ST	33.89886	-118.311487	90249	LACFCD	None	SF Residential	Side Opening
6	24060	14402	DUBLIN AVENUE	<Null>	33.900284	-118.322126	90249	LACFCD	None	SF Residential	Side Opening
6	24061	14701	VAN NESS AVENUE	147TH ST	33.898189	-118.317935	90249	LACFCD	None	SF Residential	Side Opening
6	24240	1859	147TH STREET	W NAOMI AV	33.897946	-118.31126	90249	LACFCD	None	SF Residential	Side Opening
6	24241	2202	144TH STREET	GLASSER AV	33.900507	-118.31794	90249	LACFCD	None	SF Residential	Side Opening
6	24397	14700	MARIGOLD AVENUE	147TH ST	33.898197	-118.323712	90249	LACFCD	None	SF Residential	Grated
6	24855	1859	148TH STREET	VISTA DEL VALLE RD	33.897143	-118.311259	90249	LACFCD	None	SF Residential	Side Opening
6	24989	14701	DUBLIN AVENUE	PICKERING AV	33.89824	-118.322284	90249	LACFCD	None	SF Residential	Side Opening
6	24990	14701	ROXTON AVENUE	THREE RANCH RD	33.898241	-118.321432	90249	LACFCD	None	SF Residential	Side Opening
6	24991	14701	SUTRO AVENUE	SUTRO AV	33.898247	-118.32308	90249	LACFCD	None	SF Residential	Grated
6	24992	1904	146TH STREET	<Null>	33.899049	-118.311591	90249	LACFCD	None	SF Residential	Side Opening
6	24993	14519	VAN NESS AVENUE	HAAS AV	33.899312	-118.317938	90249	LACFCD	None	SF Residential	Side Opening
6	24994	14404	WADKINS AVENUE	W NAOMI AV	33.900595	-118.325101	90249	LACFCD	None	SF Residential	Side Opening
6	24995	14701	SPINNING AVENUE	147TH ST	33.89819	-118.318812	90249	LACFCD	None	SF Residential	Side Opening
6	24996	2162	144TH STREET	VAN NESS AV	33.900682	-118.31765	90249	LACFCD	None	SF Residential	Side Opening
6	25153	14701	ROXTON AVENUE	147TH ST	33.898199	-118.32138	90249	LACFCD	None	SF Residential	Side Opening
6	25481	14523	WADKINS AVENUE	W 146TH ST	33.899166	-118.32543	90249	LACFCD	None	SF Residential	Side Opening
6	25482	1904	146TH STREET	W 228TH ST	33.898952	-118.311592	90249	LACFCD	None	SF Residential	Side Opening
6	25496	14701	DAPHNE AVENUE	ROSECRANS AV	33.898247	-118.319734	90249	LACFCD	None	SF Residential	Side Opening
6	25647	14426	WADKINS AVENUE	W 145TH ST	33.89987	-118.325309	90249	LACFCD	None	SF Residential	Side Opening
6	25799	14700	WADKINS AVENUE	147TH ST	33.898187	-118.325281	90249	LACFCD	None	SF Residential	Side Opening
6	26135	2161	144TH STREET	VAN NESS AV	33.900801	-118.31762	90249	LACFCD	None	SF Residential	Side Opening
6	26136	14602	WADKINS AVENUE	W 146TH ST	33.898892	-118.325322	90249	LACFCD	None	SF Residential	Side Opening
6	26281	14701	PURCHE AVENUE	147TH ST	33.8982	-118.320522	90249	LACFCD	None	SF Residential	Side Opening
6	26282	14701	WADKINS AVENUE	147TH ST	33.898194	-118.325399	90249	LACFCD	None	SF Residential	Side Opening
6	26283	2602	144TH STREET	DUBLIN AV	33.900391	-118.322392	90249	LACFCD	None	SF Residential	Side Opening
6	26638	1537	147TH STREET	<Null>	33.897655	-118.304611	90247	LACFCD	None	SF Residential	Side Opening

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6	26666	14332	WADKINS AVENUE	PARISE DR	33.900703	-118.325087	90249	LACFCD	None	SF Residential	Side Opening
6	26667	1904	147TH STREET	N RODEO DR	33.897836	-118.311605	90249	LACFCD	None	SF Residential	Side Opening
6	26742	2810	ROSECRANS AVENUE	ARDATH AV	33.901808	-118.323628	90249	LACFCD	None	SF Residential	Side Opening
6	26908	14701	DUBLIN AVENUE	147TH ST	33.898145	-118.322235	90249	LACFCD	None	SF Residential	Side Opening
6	26909	14506	WADKINS AVENUE	W 145TH ST	33.899587	-118.325321	90249	LACFCD	None	SF Residential	Side Opening
6	27018	2602	144TH STREET	PEPPERDALE DR	33.900302	-118.322241	90249	LACFCD	None	SF Residential	Side Opening
6	27019	1904	148TH STREET	LINDA ROSA AV	33.897051	-118.311592	90249	LACFCD	None	SF Residential	Side Opening
6	27108	14700	WADKINS AVENUE	KITTRIDGE ST	33.89824	-118.325227	90249	LACFCD	None	SF Residential	Side Opening
6	27110	14616	WADKINS AVENUE	E 103RD ST	33.898373	-118.325217	90249	LACFCD	None	SF Residential	Side Opening
6	27111	1903	148TH STREET	N BULLIS RD	33.897145	-118.311591	90249	LACFCD	None	SF Residential	Side Opening
6	27112	1860	147TH STREET	W WASHINGTON BLVD	33.89784	-118.31126	90249	LACFCD	None	SF Residential	Side Opening
6	27120	1458	139TH STREET	HALLDALE AV	33.905477	-118.30241	90249	LACFCD	None	SF Residential	Side Opening
6	27223	2926	ROSECRANS AVENUE	PLATT AV	33.901809	-118.325404	90249	LACFCD	None	SF Residential	Side Opening
6	27488	14401	WADKINS AVENUE	STATE ST	33.900665	-118.325449	90249	LACFCD	None	SF Residential	Side Opening
6	27489	1904	148TH STREET	148TH ST	33.897002	-118.311483	90249	LACFCD	None	SF Residential	Side Opening
6	27490	14701	DAPHNE AVENUE	147TH ST	33.898192	-118.319666	90249	LACFCD	None	SF Residential	Side Opening
6	27492	14701	SPINNING AVENUE	STATE ST	33.898247	-118.318873	90249	LACFCD	None	SF Residential	Side Opening
6	27493	14404	WADKINS AVENUE	W 144TH ST	33.900511	-118.325232	90249	LACFCD	None	SF Residential	Side Opening
6	27610	14518	VAN NESS AVENUE	HAAS AV	33.899324	-118.317741	90249	LACFCD	None	SF Residential	Side Opening
6	27611	14700	SPINNING AVENUE	147TH ST	33.898189	-118.318692	90249	LACFCD	None	SF Residential	Side Opening
6	27612	14602	WADKINS AVENUE	W 88TH ST	33.898982	-118.32516	90249	LACFCD	None	SF Residential	Side Opening
6	27704	14401	WADKINS AVENUE	W 144TH ST	33.900544	-118.325339	90249	LACFCD	None	SF Residential	Side Opening
6	27771	14701	SUTRO AVENUE	147TH ST	33.898199	-118.323017	90249	LACFCD	None	SF Residential	Side Opening
6	27774	14701	PURCHE AVENUE	SUNNY CREEK DR	33.898246	-118.320563	90249	LACFCD	None	SF Residential	Side Opening
6	27969	14701	VAN NESS AVENUE	N LA CIENEGA BLVD	33.898245	-118.318003	90249	LACFCD	None	SF Residential	Side Opening
6	28014	1425	139TH STREET	BRIGHTON AV	33.905597	-118.30134	90249	LACFCD	None	SF Residential	Side Opening
6	28015	1364	139TH STREET	S NORMANDIE AV	33.905478	-118.30005	90247	LACFCD	None	SF Residential	Side Opening
6	28071	14617	DUBLIN AVENUE	N PALM AV	33.898372	-118.322342	90249	LACFCD	None	SF Residential	Side Opening
6	28072	1860	148TH STREET	148TH ST	33.897001	-118.311373	90249	LACFCD	None	SF Residential	Side Opening
6	28128	1304	149TH STREET	S RAYMOND AV	33.896871	-118.298406	90247	LACFCD	None	SF Residential	Side Opening
6	28130	14716	RAYMOND AVENUE	147TH ST	33.897758	-118.298167	90247	LACFCD	None	SF Residential	Side Opening
6	28131	1304	149TH STREET	VERONA ST	33.896781	-118.298298	90247	LACFCD	None	SF Residential	Side Opening
6	28412	14703	DENKER AVENUE	WEYBURN AV	33.897653	-118.30494	90247	LACFCD	None	SF Residential	Side Opening
6	30380	13124	ARDATH AVENUE	ARDATH AV	33.912718	-118.323626	90249	LACFCD	None	SF Residential	Side Opening
6	30896	1261	147TH STREET	RAYMOND AV	33.897953	-118.29807	90247	LACFCD	None	SF Residential	Side Opening
6	30897	1303	149TH STREET	S RAYMOND AV	33.896982	-118.298404	90247	LACFCD	None	SF Residential	Side Opening
6	31608	2903	132ND STREET	LINCOLN AV	33.912756	-118.323858	90249	LACFCD	None	SF Residential	Side Opening
6	32106	13200	ARDATH AVENUE	LYMAN AV	33.912525	-118.323711	90249	LACFCD	None	SF Residential	Side Opening
6	33665	1167	141ST STREET	S BUDLONG AV	33.903323	-118.295887	90247	LACFCD	None	SF Residential	Side Opening
6	33667	1205	139TH STREET	W 139TH ST	33.905683	-118.296107	90247	LACFCD	None	SF Residential	Side Opening
6	34697	1303	147TH STREET	RAYMOND AV	33.897983	-118.298403	90247	LACFCD	None	SF Residential	Side Opening
6	34798	14814	RAYMOND AVENUE	<Null>	33.896842	-118.298171	90247	LACFCD	None	SF Residential	Side Opening
6	34799	14711	RAYMOND AVENUE	147TH ST	33.897874	-118.298413	90247	LACFCD	None	SF Residential	Side Opening

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PRIORITY	BASIN ID	ADDRESS NUMBER	STREET NAME	CROSS STREET	LATITUDE	LONGITUDE	ZIP CODE	OWNER	CPS/ARS INSTALLED	LAND USE GROUP	SUBTYPE
6	34907	14708	VAN BUREN AVENUE	147TH ST	33.897803	-118.297174	90247	LACFCD	None	SF Residential	Side Opening
6	34912	14715	VAN BUREN AVENUE	147TH ST	33.897766	-118.297307	90247	LACFCD	None	SF Residential	Side Opening
6	36376	13124	SPINNING AVENUE	MOORPARK ST	33.912819	-118.318704	90249	LACFCD	None	SF Residential	Side Opening
6	36746	14325	WILKIE AVENUE	W FOOTHILL BLVD	33.901241	-118.322854	90249	LACFCD	None	SF Residential	Side Opening
6	37928	13412	SPINNING AVENUE	FREMONT AV	33.910023	-118.318707	90249	LACFCD	None	SF Residential	Side Opening
6	42017	1903	147TH STREET	SAINT ANDREWS PL	33.897949	-118.311604	90249	LACFCD	None	SF Residential	Side Opening
6	43969	2162	144TH STREET	SAINT KATHERINE DR	33.900577	-118.317743	90249	LACFCD	None	SF Residential	Side Opening
6	44070	1860	148TH STREET	SAINT ANDREWS PL	33.89705	-118.31126	90249	LACFCD	None	SF Residential	Side Opening
6	44136	15519	GRAMERCY PLACE	GRAMERCY PL	33.88931	-118.313703	90249	LACFCD	None	SF Residential	Grated
6	44137	15325	GRAMERCY PLACE	GRAMERCY PL	33.89198	-118.313651	90249	LACFCD	None	SF Residential	Grated
6	44138	2004	154TH STREET	GRAMERCY PL	33.891887	-118.313645	90249	LACFCD	None	SF Residential	Grated
6	44139	15325	GRAMERCY PLACE	W 154TH ST	33.89207	-118.313542	90249	LACFCD	None	SF Residential	Grated
6	44140	1860	154TH STREET	YALE ST	33.891851	-118.311379	90249	LACFCD	None	SF Residential	Grated
6	44416	15603	GRAMERCY PLACE	UP RR	33.889129	-118.313554	90249	LACFCD	None	SF Residential	Side Opening
6	44417	15324	GRAMERCY PLACE	SHREVE RD	33.892051	-118.313421	90249	LACFCD	None	SF Residential	Side Opening
6	45427	15628	GRAMERCY PLACE	UP RR	33.888314	-118.313425	90249	LACFCD	None	SF Residential	Side Opening
6	45428	1904	154TH STREET	W 154TH ST	33.891847	-118.311504	90249	LACFCD	None	SF Residential	Side Opening
6	45499	15407	GRAMERCY PLACE	E 77TH ST	33.890973	-118.313559	90249	LACFCD	None	SF Residential	Side Opening
6	45511	16117	SAINT ANDREWS PLACE	SAINT ANDREWS PL	33.883855	-118.311754	90247	LACFCD	None	SF Residential	Side Opening
6	45599	13413	SPINNING AVENUE	W 134TH PL	33.91002	-118.318822	90249	LACFCD	None	SF Residential	Side Opening
6	45975	1929	GARDENA BOULEVARD	<Null>	33.882116	-118.312936	90247	LACFCD	None	SF Residential	Side Opening
6	46392	15328	SAINT ANDREWS PLACE	W 154TH ST	33.892047	-118.311377	90249	LACFCD	None	SF Residential	Grated
6	46668	16403	GRAMERCY PLACE	GRAMERCY PL	33.881885	-118.31299	90247	LACFCD	None	SF Residential	Side Opening
6	46786	1903	154TH STREET	N AVENUE 52	33.892049	-118.311502	90249	LACFCD	None	SF Residential	Side Opening
6	46787	15623	GRAMERCY PLACE	W 5TH ST	33.8884	-118.313557	90249	LACFCD	None	SF Residential	Side Opening
6	46897	2637	MANHATTAN BEACH BOULEVARD	<Null>	33.887634	-118.323357	90249	LACFCD	None	SF Residential	Side Opening
6	46899	15519	GRAMERCY PLACE	S CENTRAL AV	33.889417	-118.31356	90249	LACFCD	None	SF Residential	Side Opening
6	46901	15404	GRAMERCY PLACE	GRAMERCY PL	33.891089	-118.313354	90249	LACFCD	None	SF Residential	Side Opening
6	47003	16939	DENKER AVENUE	W 169TH PL	33.877292	-118.304871	90247	LACFCD	None	SF Residential	Side Opening
6	47104	16929	DENKER AVENUE	W 169TH PL	33.87756	-118.304869	90247	LACFCD	None	SF Residential	Side Opening
6	47108	2507	154TH STREET	PURCHE AV	33.891091	-118.320825	90249	LACFCD	None	SF Residential	Side Opening
6	47222	1547	152ND STREET	DENKER AV	33.893762	-118.304609	90247	LACFCD	None	SF Residential	Side Opening
6	47399	1553	170TH STREET	DALTON AV	33.876567	-118.303995	90247	LACFCD	None	SF Residential	Side Opening
6	47408	2301	MANHATTAN BEACH BOULEVARD	SPINNING AV	33.887507	-118.319009	90249	LACFCD	None	SF Residential	Side Opening
6	47422	16117	SAINT ANDREWS PLACE	MICHIGAN AV	33.883908	-118.311702	90247	LACFCD	None	SF Residential	Side Opening
6	47522	16403	GRAMERCY PLACE	BELSHIRE AV	33.881801	-118.312937	90247	LACFCD	None	SF Residential	Side Opening
6	47525	16321	GRAMERCY PLACE	GRAMERCY PL	33.882001	-118.312995	90247	LACFCD	None	SF Residential	Grated
6	47526	1935	162ND STREET	GRAMERCY PL	33.883853	-118.313034	90247	LACFCD	None	SF Residential	Side Opening
6	47692	2501	154TH STREET	GLENCLAIRE DR	33.891175	-118.320626	90249	LACFCD	None	SF Residential	Side Opening
6	47693	2319	154TH STREET	DAPHNE AV	33.891092	-118.319464	90249	LACFCD	None	SF Residential	Side Opening
6	47694	2209	154TH STREET	W MAPLE ST	33.891093	-118.318254	90249	LACFCD	None	SF Residential	Side Opening
6	47695	15527	VAN NESS AVENUE	W 156TH ST	33.889354	-118.317931	90249	LACFCD	None	SF Residential	Side Opening
6	47696	2621	154TH STREET	W 154TH ST	33.891222	-118.323119	90249	LACFCD	None	SF Residential	Side Opening

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PRIORITY	BASIN ID	ADDRESS NUMBER	STREET NAME	CROSS STREET	LATITUDE	LONGITUDE	ZIP CODE	OWNER	CPS/ARS INSTALLED	LAND USE GROUP	SUBTYPE
6	47771	2221	MANHATTAN BEACH BOULEVARD	<Null>	33.887644	-118.318746	90249	LACFCD	None	SF Residential	Side Opening
6	47772	15725	VAN NESS AVENUE	<Null>	33.887497	-118.318081	90249	LACFCD	None	SF Residential	Grated
6	47773	15520	HAAS AVENUE	W 156TH ST	33.889398	-118.316782	90249	LACFCD	None	SF Residential	Side Opening
6	47774	15519	CIMARRON STREET	W OLYMPIC BLVD	33.889409	-118.31608	90249	LACFCD	None	SF Residential	Side Opening
6	47775	15519	PARRON AVENUE	PARRON AV	33.889206	-118.315336	90249	LACFCD	None	SF Residential	Side Opening
6	47776	15604	WILTON PLACE	W 156TH ST	33.889127	-118.314274	90249	LACFCD	None	SF Residential	Side Opening
6	47777	15519	HAAS AVENUE	<Null>	33.889398	-118.316913	90249	LACFCD	None	SF Residential	Side Opening
6	47778	15520	CIMARRON STREET	WOODMAN AV	33.889395	-118.315943	90249	LACFCD	None	SF Residential	Side Opening
6	47779	15519	WILTON PLACE	W 156TH ST	33.889397	-118.314402	90249	LACFCD	None	SF Residential	Side Opening
6	47987	2527	154TH STREET	GLENWOOD AV	33.891173	-118.321461	90249	LACFCD	None	SF Residential	Side Opening
6	47989	2301	MANHATTAN BEACH BOULEVARD	ANHATTAN BEACH BLV	33.887617	-118.318893	90249	LACFCD	None	SF Residential	Side Opening
6	48070	2423	MANHATTAN BEACH BOULEVARD	<Null>	33.887681	-118.320518	90249	LACFCD	None	SF Residential	Grated
6	48079	15603	WILTON PLACE	W 156TH ST	33.889127	-118.314404	90249	LACFCD	None	SF Residential	Side Opening
6	48080	15604	PARRON AVENUE	PARRON AV	33.889205	-118.314992	90249	LACFCD	None	SF Residential	Side Opening
6	48081	15519	PARRON AVENUE	E BELLBROOK ST	33.889398	-118.315242	90249	LACFCD	None	SF Residential	Side Opening
6	48085	2527	154TH STREET	ARCTURUS AV	33.891091	-118.321559	90249	LACFCD	None	SF Residential	Side Opening
6	48150	15725	VAN NESS AVENUE	ANHATTAN BEACH BLV	33.887645	-118.31793	90249	LACFCD	None	SF Residential	Side Opening
6	48151	2709	MANHATTAN BEACH BOULEVARD	<Null>	33.887493	-118.323779	90249	LACFCD	None	SF Residential	Grated
6	48372	2621	154TH STREET	SERVICE DR	33.891091	-118.322999	90249	LACFCD	None	SF Residential	Side Opening
6	48374	2419	154TH STREET	PURCHE AV	33.891092	-118.320305	90249	LACFCD	None	SF Residential	Side Opening
6	48375	2700	154TH STREET	MARIGOLD AV	33.890967	-118.323662	90249	LACFCD	None	SF Residential	Side Opening
6	48376	2703	154TH STREET	W 154TH ST	33.891169	-118.323234	90249	LACFCD	None	SF Residential	Side Opening
6	48377	2419	154TH STREET	W 154TH ST	33.891195	-118.320508	90249	LACFCD	None	SF Residential	Side Opening
6	48378	2319	154TH STREET	QUINN ST	33.891174	-118.319606	90249	LACFCD	None	SF Residential	Side Opening
6	48379	2503	MANHATTAN BEACH BOULEVARD	CREST LN	33.887602	-118.320671	90249	LACFCD	None	SF Residential	Side Opening
6	48380	2707	154TH STREET	MARIGOLD AV	33.891091	-118.323448	90249	LACFCD	None	SF Residential	Side Opening
6	48381	2601	MANHATTAN BEACH BOULEVARD	ARCTURUS AV	33.887504	-118.322045	90249	LACFCD	None	SF Residential	Side Opening
6	48382	2201	154TH STREET	W 42ND ST	33.891205	-118.317931	90249	LACFCD	None	SF Residential	Side Opening
6	48383	2503	MANHATTAN BEACH BOULEVARD	CREST LN	33.887505	-118.320793	90249	LACFCD	None	SF Residential	Side Opening
6	48384	2701	MANHATTAN BEACH BOULEVARD	ANHATTAN BEACH BLV	33.887604	-118.323507	90249	LACFCD	None	SF Residential	Side Opening
6	48454	15524	VAN NESS AVENUE	<Null>	33.889375	-118.317728	90249	LACFCD	None	SF Residential	Side Opening
6	48590	15020	HARVARD BOULEVARD	S HARVARD BLVD	33.894723	-118.306759	90247	LACFCD	None	SF Residential	Side Opening
6	48591	1432	170TH STREET	BRIGHTON WY	33.876422	-118.300985	90247	LACFCD	None	SF Residential	Side Opening
6	49308	2935	132ND PLACE	E 93RD ST	33.912576	-118.325244	90249	LACFCD	None	SF Residential	Side Opening
6	50611	13124	ARDATH AVENUE	ROSCOE BLVD	33.912801	-118.323729	90249	LACFCD	None	SF Residential	Side Opening
6	50931	2904	132ND STREET	N CRESCENT DR	33.912496	-118.323856	90249	LACFCD	None	SF Residential	Side Opening
6	51153	13128	BUDLONG AVENUE	S CALIFORNIA ST	33.912812	-118.296321	90247	LACFCD	None	SF Residential	Side Opening
6	51217	13002	CATALINA AVENUE	BERENDO AV	33.914372	-118.29529	90247	LACFCD	None	SF Residential	Side Opening
6	51413	13009	CATALINA AVENUE	BERENDO AV	33.914168	-118.295436	90247	LACFCD	None	SF Residential	Side Opening
6	52942	13200	ARDATH AVENUE	ARDATH AV	33.912607	-118.323595	90249	LACFCD	None	SF Residential	Side Opening
6	54551	15520	PARRON AVENUE	PARRON AV	33.889319	-118.314973	90249	LACFCD	None	SF Residential	Side Opening
6	54822	15030	DENKER AVENUE	DENKER AV	33.894726	-118.304639	90247	LACFCD	None	SF Residential	Side Opening
6	55057	1548	152ND STREET	DENKER AV	33.89365	-118.304611	90247	LACFCD	None	SF Residential	Side Opening

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PRIORITY	BASIN ID	ADDRESS NUMBER	STREET NAME	CROSS STREET	LATITUDE	LONGITUDE	ZIP CODE	OWNER	CPS/ARS INSTALLED	LAND USE GROUP	SUBTYPE
6	55062	16929	DENKER AVENUE	DENKER AV	33.877476	-118.304926	90247	LACFCD	None	SF Residential	Side Opening
6	55150	1464	170TH STREET	HALLDALE AV	33.876466	-118.302386	90247	LACFCD	None	SF Residential	Grated
6	55162	1603	154TH PLACE	DENKER AV	33.891152	-118.304853	90247	LACFCD	None	SF Residential	Side Opening
6	55370	1603	154TH STREET	DENKER AV	33.892007	-118.304916	90247	LACFCD	None	SF Residential	Side Opening
6	55371	1603	154TH STREET	DENKER AV	33.892063	-118.304852	90247	LACFCD	None	SF Residential	Side Opening
6	55374	16956	DENKER AVENUE	W 170TH ST	33.876643	-118.304738	90247	LACFCD	None	SF Residential	Side Opening
6	55376	1553	170TH STREET	PARK VISTA RD	33.876627	-118.30391	90247	LACFCD	None	SF Residential	Side Opening
6	55379	1703	153RD STREET	MENLO AV	33.892993	-118.30703	90247	LACFCD	None	SF Residential	Side Opening
6	55686	1547	154TH PLACE	DENKER AV	33.891104	-118.304614	90247	LACFCD	None	SF Residential	Side Opening
6	55687	1547	154TH STREET	DENKER AV	33.892007	-118.304614	90247	LACFCD	None	SF Residential	Side Opening
6	55689	1603	154TH PLACE	DENKER AV	33.891102	-118.304941	90247	LACFCD	None	SF Residential	Side Opening
6	55693	1547	153RD STREET	DENKER AV	33.893009	-118.304715	90247	LACFCD	None	SF Residential	Side Opening
6	55727	17924	LA SALLE AVENUE	O MALLEY AV	33.86754	-118.305459	90248	LACFCD	None	SF Residential	Side Opening
6	55817	1703	153RD STREET	S HARVARD BLVD	33.892909	-118.307104	90247	LACFCD	None	SF Residential	Side Opening
6	55819	15011	HARVARD BOULEVARD	<Null>	33.89477	-118.306818	90247	LACFCD	None	SF Residential	Side Opening
6	55820	1547	154TH PLACE	DENKER AV	33.89119	-118.304718	90247	LACFCD	None	SF Residential	Side Opening
6	55832	17007	DENKER AVENUE	W 170TH ST	33.876621	-118.304871	90247	LACFCD	None	SF Residential	Side Opening
6	55833	1547	153RD STREET	DENKER AV	33.89291	-118.304613	90247	LACFCD	None	SF Residential	Side Opening
6	55878	18003	DENKER AVENUE	W 180TH ST	33.867447	-118.305385	90248	LACFCD	None	SF Residential	Grated
6	55981	15520	WILTON PLACE	W 156TH ST	33.889395	-118.314271	90249	LACFCD	None	SF Residential	Side Opening
6	56095	17923	DENKER AVENUE	N TOWNE AV	33.86754	-118.305319	90248	LACFCD	None	SF Residential	Side Opening
6	66561	16911	NORMANDIE AVENUE	BRIGHTON WY	33.875879	-118.299298	90247	LACFCD	None	SF Residential	Grated
6	69436	1103	149TH STREET	W 149TH ST	33.896267	-118.293952	90247	LACFCD	None	SF Residential	Side Opening
6	69438	14815	BERENDO AVENUE	PASS AV	33.896545	-118.293954	90247	LACFCD	None	SF Residential	Side Opening
6	69439	14811	BERENDO AVENUE	148TH ST	33.896779	-118.294045	90247	LACFCD	None	SF Residential	Side Opening
6	75786	2611	143RD PLACE	<Null>	33.901332	-118.322905	90249	LACFCD	None	SF Residential	Side Opening
6	80478	14700	MILLER AVENUE	<Null>	33.898144	-118.324501	90249	Other	None	SF Residential	Side Opening
6	82047	1927	154TH PLACE	<Null>	33.891102	-118.31264	90249	Other	None	SF Residential	Side Opening
6	82925	1314	160TH STREET	<Null>	33.885675	-118.298352	90247	Other	None	SF Residential	Side Opening
6	83947	2127	134TH PLACE	WEST 134TH PL	33.909926	-118.31616	90249	Other	None	SF Residential	Side Opening
6	83948	2505	135TH STREET	DAPHNE AV	33.909294	-118.320008	90249	Other	None	SF Residential	Side Opening
6	85969	2140	134TH PLACE	CIMARRON AV	33.90927	-118.316624	90249	Other	None	SF Residential	Side Opening
6	93729	17507	BUDLONG AVENUE	BUDLONG AV	33.872659	-118.295285	90248	State of California	None	SF Residential	Side Opening
6	96408	1035	FELDER STREET	BROADWELL AV	33.867147	-118.291923	90248	Other	None	SF Residential	Side Opening
6	97031	1313	160TH STREET	<Null>	33.885813	-118.298358	90247	Other	None	SF Residential	Side Opening
6	97457	14701	MILLER AVENUE	<Null>	33.898146	-118.3246	90249	Other	None	SF Residential	Side Opening
6	100389	1032	FELDER STREET	BROADWELL AV	33.867002	-118.291828	90248	Other	None	SF Residential	Side Opening
6	102107	2904	132ND STREET	WEST 182ND ST	33.912587	-118.323946	90249	Other	None	SF Residential	Grated
6	102108	2903	132ND STREET	WEST 182ND ST	33.912658	-118.323953	90249	Other	None	SF Residential	Grated
6	102738	15610	BERENDO AVENUE	<Null>	33.889459	-118.293781	90247	Other	None	SF Residential	Side Opening
6	103293	16828	CATALINA AVENUE	<Null>	33.877904	-118.293786	90247	Other	None	SF Residential	Side Opening
6	104570	12801	CATALINA AVENUE	BUDLONG AV	33.916312	-118.294267	90247	Other	None	SF Residential	Side Opening
6	104710	1305	159TH STREET	<Null>	33.886855	-118.298114	90247	Other	None	SF Residential	Side Opening

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PRIORITY	BASIN ID	ADDRESS NUMBER	STREET NAME	CROSS STREET	LATITUDE	LONGITUDE	ZIP CODE	OWNER	CPS/ARS INSTALLED	LAND USE GROUP	SUBTYPE
6	106648	1202	146TH STREET	<Null>	33.898609	-118.296139	90247	Other	None	SF Residential	Side Opening
6	107208	1315	159TH STREET	<Null>	33.886566	-118.29839	90247	Other	None	SF Residential	Side Opening
6	108203	15518	NEW HAMPSHIRE AVENUE	<Null>	33.889672	-118.293032	90247	Other	None	SF Residential	Side Opening
6	108447	1314	159TH STREET	<Null>	33.886401	-118.298382	90247	Other	None	SF Residential	Side Opening
6	108572	14701	MARIGOLD AVENUE	<Null>	33.898135	-118.323819	90249	Other	None	SF Residential	Side Opening
6	112268	13501	DAPHNE AVENUE	DAPHNE AV	33.90912	-118.319994	90249	Gardena	None	SF Residential	Side Opening
6	112270	1904	134TH PLACE	SAINT ANDREWS PL	33.909266	-118.311504	90249	Gardena	None	SF Residential	Side Opening
6	112275	2904	136TH STREET	ARDATH AV	33.907976	-118.324134	90249	Gardena	None	SF Residential	Side Opening
6	112277	1203	146TH STREET	146TH ST	33.898938	-118.296135	90247	Gardena	None	SF Residential	Side Opening
6	112279	17008	RAYMOND PLACE	W 170TH ST	33.876282	-118.296963	90247	Gardena	None	SF Residential	Side Opening
6	112280	13413	VAN NESS AVENUE	VAN NESS AV	33.90994	-118.318083	90249	Gardena	None	SF Residential	Side Opening
6	112283	1144	CASSIDY STREET	S CATALINA AV	33.871614	-118.294212	90248	Gardena	None	SF Residential	Side Opening
6	112369	1604	153RD STREET	DENKER AV	33.89275	-118.304855	90247	Gardena	None	SF Residential	Side Opening
6	112371	1604	154TH STREET	DENKER AV	33.891897	-118.304915	90247	Gardena	None	SF Residential	Side Opening
6	112372	15512	HARVARD BOULEVARD	CAROLUS DR	33.889842	-118.307159	90247	Gardena	None	SF Residential	Side Opening
6	112374	1602	154TH PLACE	DENKER AV	33.890991	-118.304917	90247	Gardena	None	SF Residential	Side Opening
6	112565	1114	132ND STREET	S CATALINA AV	33.912554	-118.295194	90247	Gardena	None	SF Residential	Side Opening
6	112571	1336	169TH PLACE	RODEO RD	33.877138	-118.299127	90247	Gardena	None	SF Residential	Side Opening
6	112661	17523	CATALINA AVENUE	S CATALINA AV	33.871743	-118.294446	90248	Gardena	None	SF Residential	Side Opening
6	112761	16924	CATALINA AVENUE	W 2ND ST	33.877279	-118.294098	90247	Gardena	None	SF Residential	Side Opening
6	112770	16921	CATALINA AVENUE	ST ANDREWS PL	33.877258	-118.294413	90247	Gardena	None	SF Residential	Side Opening
6	112861	17027	KOMORI CIRCLE	WEDDINGTON ST	33.875473	-118.298654	90247	Gardena	None	SF Residential	Side Opening
6	112978	13450	CATALINA AVENUE	W 135TH ST	33.909258	-118.295383	90247	Gardena	None	SF Residential	Side Opening
6	113080	1415	171ST STREET	BRIGHTON WY	33.875754	-118.300206	90247	Gardena	None	SF Residential	Side Opening
6	113081	1408	171ST STREET	BRIGHTON WY	33.875643	-118.300134	90247	Gardena	None	SF Residential	Side Opening
6	113082	1407	173RD STREET	W 173RD ST	33.874421	-118.299751	90247	Gardena	None	SF Residential	Side Opening
6	113083	17212	BRIGHTON WAY	SAN JUAN WY	33.874417	-118.29961	90247	Gardena	None	SF Residential	Side Opening
6	113084	17012	BRIGHTON WAY	W ALAMEDA AV	33.875775	-118.299938	90247	Gardena	None	SF Residential	Side Opening
6	113182	17925	BRIGHTON WAY	NEWHALL AV	33.867282	-118.300016	90248	Gardena	None	SF Residential	Side Opening
6	113183	17920	BRIGHTON WAY	SANFORD AV	33.867342	-118.29973	90248	Gardena	None	SF Residential	Side Opening
6	113185	13448	NEW HAMPSHIRE AVENUE	NEW HAMPSHIRE AV	33.909255	-118.292818	90247	Gardena	None	SF Residential	Side Opening
6	113383	17124	STEVEN STREET	E BEVERLY BLVD	33.874804	-118.297865	90247	Gardena	None	SF Residential	Side Opening
6	113384	2509	144TH STREET	ROXTON AV	33.900497	-118.320897	90249	Gardena	None	SF Residential	Side Opening
6	113385	2413	144TH STREET	PURCHE AV	33.900499	-118.320052	90249	Gardena	None	SF Residential	Side Opening
6	113386	2315	144TH STREET	SPINNING AV	33.900516	-118.319171	90249	Gardena	None	SF Residential	Side Opening
6	113392	2536	144TH STREET	ROXTON AV	33.900389	-118.321749	90249	Gardena	None	SF Residential	Side Opening
6	113393	2312	144TH STREET	SPINNING AV	33.90041	-118.319152	90249	Gardena	None	SF Residential	Side Opening
6	113587	2510	144TH STREET	PURCHE AV	33.900391	-118.320893	90249	Gardena	None	SF Residential	Side Opening
6	113588	2410	144TH STREET	PURCHE AV	33.90039	-118.320047	90249	Gardena	None	SF Residential	Side Opening
6	113589	2535	144TH STREET	ROXTON AV	33.900498	-118.321757	90249	Gardena	None	SF Residential	Side Opening
6	113598	1141	CASSIDY STREET	S CATALINA AV	33.871745	-118.294084	90248	Gardena	None	SF Residential	Side Opening
6	113599	13604	ARDATH AVENUE	HOLLENBECK AV	33.908005	-118.323886	90249	Gardena	None	SF Residential	Side Opening
6	113601	1332	MARINE AVENUE	S MARIPOSA AV	33.894598	-118.299328	90247	Gardena	None	SF Residential	Side Opening

City of Gardena Catch Basin Inventory

PRIORITY	BASIN ID	ADDRESS NUMBER	STREET NAME	CROSS STREET	LATITUDE	LONGITUDE	ZIP CODE	OWNER	CPS/ARS INSTALLED	LAND USE GROUP	SUBTYPE
6	113796	171	RUBY COURT	W 177TH ST	33.870276	-118.290877	90248	Gardena	None	SF Residential	Side Opening
6	113799	2200	134TH PLACE	VAN NESS AV	33.909828	-118.318073	90249	Gardena	None	SF Residential	Side Opening
6		17700	WESTERN AVENUE	W 178th Street	33.869364	-118.30906	90248	Gardena	None	SF Residential	Side Opening
6		1687	ARTESIA BOULEVARD	DENKER AVE	33.873016	-118.304992	90247	Gardena	None	SF Residential	Side Opening

City of Gardena

Gardena City Council Meeting

AGENDA REPORT SUMMARY

Agenda Item No. 16.C
Section: DEPARTMENTAL ITEMS - PUBLIC WORKS
Meeting Date: June 13, 2023

TO: THE HONORABLE MAYOR AND MEMBERS OF THE GARDENA CITY COUNCIL

AGENDA TITLE: Approve a Contract Change Order to Wallace and Associates Consulting, Inc. for Construction Management and Inspection services in the amount of $31,713.03 for the 170th Street Improvement Project, JN 944.

COUNCIL ACTION REQUIRED:

Staff Recommendation: Approved Contract Change Order to Wallace and Associates Consulting, Inc.

RECOMMENDATION AND STAFF SUMMARY:

The construction of 170th Street Improvement Project from Vermont Avenue to Normandie Avenue was recently completed. It was originally estimated that 30 days of construction management and inspection would be needed for the project, based on typical weather and recent projects in the city. As such, a contract was awarded to Wallace and Associates Consulting, Inc. (Wallace) for Construction Management and Inspection services based on the assumption of 30-working days by the contractor. The amount of the initial contract based on 30-working days was $106,220.

Construction commenced on November 21, 2022, but faced challenges due to adverse weather conditions. Excessive amounts of rainfall delayed the progress of work due to multiple reasons including the saturation of base materials. Also, asphalt paving was delayed several times because of low temperatures. Additional work was required of the contractor which did not lead to additional construction cost, but did result in additional working days and time spent by Wallace. Due to these issues, the total working days were 58 in comparison to the 30 anticipated. The project construction was substantially completed on March 3, 2023, and the City Council approved the Notice of Completion for the construction on March 14, 2023.

As a result of the extended construction period, Wallace required additional hours to monitor the Contractor's activities both on and off the site. This involved regular checks on the status of material orders, storm water pollution control devices and practices, even when no work

was being conducted, and maintaining cleanliness after park events and rainfall. Furthermore, due to the delays, material testing was either postponed or had to be redone at a later date.

Considering the aforementioned circumstances, Wallace has submitted a request for a Contract Change Order, amounting to $31,713.03. This adjustment would bring the total contract amount for Wallace to $137,933.03. After thorough review, Staff has deemed the request acceptable, and it is confirmed that sufficient funds were allocated to complete the project and no additional project funds are necessary.

Based on the evaluation conducted, the staff recommends that the City Council approve the Contract Change Order for Wallace and Associates Consultant, Inc., pertaining to Construction Management and Inspections services, in the amount of $31,713.03 for the 170th Street Improvement Project, JN 944.

Based on the evaluation conducted, staff recommends that the City Council approve the Contract Change Order for Wallace and Associates Consultant, Inc., pertaining to Construction Management and Inspections services, in the amount of $31,713.03 for the 170th Street Improvement Project, JN 944.

FINANCIAL IMPACT/COST:

Source of Funds

Approved Budget

Federal STPL	$ 600,000
Measure M Local	$ 70,000
Prop C	$ 380,000
Total	$ 1,050,000

Expenditures

Design Phase Expenditures	$ 69,995.00

Construction Management & Inspection (CM&I)	$ 106,220.00
CM&I Contract Change Order Requested	$ 31,713.03
Construction	$ 718,365.11
Total	$ 926,293.14

ATTACHMENTS:

Wallace CM&I Proposal Contract_170th street.pdf
Final Invoice with CCO request.pdf

APPROVED:



_____
Clint Osorio, City Manager





Wallace & Associates
consulting, inc.

Construction Management and Inspection Services for the 170th Street Improvement Project

RFP Response to the City of Gardena

JN 944
August 10, 2022





Dedicated to Providing Quality and Creating Value for our Clients

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August 10, 2022

William E. Mendoza, PE—Associate Engineer
City of Gardena
1717 West 162nd Street
Gardena, CA 90247

Subject: Response to RFP for Construction Management and Inspection Services for the 170th Street Improvement Project JN 944 (STP-L funded project with a Federal Aid Project No. STPL-5276 (032))

Dear Mr. Mendoza:

Wallace & Associates Consulting, Inc. (W&A) is pleased to present our proposal to provide construction management services for the City of Gardena (City). W&A is a local leader in performing these exact services on similar projects for many cities and other public agencies throughout Southern California.

About W&A. Since establishing the firm in January 2010, our mission has been to provide cost-effective project implementation, construction phase services and staff augmentation solutions for public agencies. Our **lean overhead structure** is what sets us apart from other companies. By keeping our costs low, we can provide high-quality staff and services and help manage our client's costs. W&A is committed to providing highly qualified project managers, construction managers, inspectors, project engineers, office engineers, labor compliance and administrative staff for a wide range of CIP and development projects. Currently, W&A has over 40 associates with varied backgrounds and deep experience in public works. Our proposal demonstrates W&A's experience in providing construction management and inspection services on similar projects, highlights our staff's qualifications and experience, and shows the City our cost-effective approach to staffing projects and managing resources. For more information see our website at www.wallace-cm.com.

An Experienced Team. Our President, Carl Wallace, PE, will act as the Principal-in-Charge and will have overall responsibility for our team and services. Once our work starts, he will be responsible for scheduling personnel and ensuring excellent client service. He will also provide QA/QC for our company and have responsibility for the performance of our team, the satisfaction of the City and the overall success of the projects. Carl brings strong management experience having worked throughout the state for over 20 years on major projects in the construction phase. He has managed hundreds of similar construction services contracts on a statewide basis and has worked in the counties of Los Angeles, Orange, Riverside, San Bernardino, San Diego, San Jose, Sacramento, San Francisco, Modesto, Tulare and Mono.

Senior Project/Construction Manager, Jonathan Smith, PE, is a hands-on, results-oriented leader with a proven history of productivity and an ability to take complex issues and get to a consensus quickly. During his 30 plus-year career, he has worked for numerous agencies throughout Southern California in roles varying from Director of Public Works to Senior Civil Engineer. Jonathan is experienced at analyzing complex budgets and technical reports and developing and revising contracts and legal documents using federal, state, and local laws, rules and regulations. He has experience related to construction management and design of roadways, water/wastewater projects, sound walls, retaining walls and buildings. Jonathan has been responsible for supervision of technical and field staff, change order negotiation and preparation, contract administration, critical path schedule reviews, storm water pollution prevention plan preparation and compliance, claims mitigation, selection committee interviews, cost estimate preparation, reviewing and designing structure-related shop drawings and assuring compliance with plans, specifications and various agency regulations, presentations to city councils and other stakeholder groups. He is a highly effective project and construction manager who possesses the ability to develop teams by using strong organizational, interpersonal and critical thinking skills. Jonathan recently managed several traffic signal projects for the City of Menifee while he was Director of Public Works, including designing and constructing traffic-calming improvements and he also recently working as Project Manager for the City of El Monte for various traffic signal projects throughout the City.

Senior Construction Inspector, Cesar Ramirez, EE, is a Civil Engineering professional with over 25 years of construction and engineering project management expertise as well as budgeting, planning, inspection and staff management experience. He has worked extensively throughout Southern California on several city CIP projects that include traffic signal upgrades and street/road rehabilitations. Cesar understands different funding requirements as well as local, state and federal regulations. He just finished providing inspection for several traffic signal upgrades for the City of Culver City and previously for Corona, Murrieta and Garden Grove. Cesar resides in Yorba Linda.

We are including Dennis Janda, Incorporated (DJI) as our subconsultant to provide surveying services. We are confident the City will be happy with DJI's work effort. DJI is a private corporation providing land surveying and mapping services. The owners and managers of DJI have worked together for both public and private sectors clients, throughout California since 1997.

We are also including Leighton Consulting, Inc. as our subconsultant for materials testing. W&A has teamed with Leighton on numerous successful roadway projects, and we have a positive and productive relationship with them.

Scope of Services Overview. We understand the City of Gardena is requesting proposals for construction management and inspection services for a Federally Funded project, 170th St. Street Improvement Project JN 944 from Normandie Ave. to Vermont Ave. This project is an STP-L funded project with a Federal Aid Project No. STPL-5276 (032). The project consists of AC resurfacing (coldmill/overlay and Full Depth

replacement), concrete flat work (curb, gutter, sidewalk, driveway approach, curb ramps cross gutters and similar), Removal and replacement of trees, Traffic Signal upgrades (Battery back-up and APS retrofit) and striping/ signages and striping as shown on the plans and specifications. The project will be given a 60 working day construction schedule and construction budget of $470,000. W&A brings a solid reputation of providing these exact CM services to similar cities and agencies and appreciates the opportunity to offer the City the same resources. Below are some of our relevant project highlights:

- ✓ **City of Culver City** – Various Traffic Signal Improvement Projects ($630K) – Provided construction inspection for traffic signal rewiring projects which included traffic signal construction
- ✓ **City of El Monte** – Traffic Signal Installation at Santa Anita Avenue and McGirk Avenue ($400K) – Currently providing construction management for video detection updates, traffic signal updates at various intersections and wayfinding sign installation at various intersections
- ✓ **City of Garden Grove** – Harbor Boulevard Traffic Signal ($550K) – Provided resident inspection for major arterial road traffic signal improvement project
- ✓ **City of Murrieta** - Whitewood Avenue Widening ($6M) and Madison Avenue Widening ($7M) – Provided resident inspection during roadway widenings that included fully signalized intersections
- ✓ **City of Corona** – Green River Road Widening ($6.2M) – Project and construction management during an arterial widening project and traffic signal upgrades
- ✓ **City of Laguna Niguel** – Crown Valley Community Park ($9.5M) – Tier 2 entry improvements and intersection improvements on the major arterial at Crown Valley Parkway

For the past 11+ years clients have continued to choose W&A for our responsiveness, our experience and our commitment to the success of every project. As W&A's President, I will serve as the Principal-in-Charge for the contract. This proposal shall be valid for 90 days from the date of the submittal. W&A is excited for the opportunity to continue to provide construction management services to the City of Gardena for this project and believes our detailed qualifications that follow this letter will meet and exceed the City's requirements. I can be reached anytime by phone (951-966-7774) and email (carl@wallace-cm.com).

Sincerely,

Carl Wallace, PE—President/Principal-in-Charge

Section 2 – Firm Overview

Wallace & Associates Consulting, Inc. (W&A) was established in January 2010 as a sub chapter S-Corporation to provide cost-effective project implementation, construction phase services and staff augmentation solutions for public agencies such as the City of Gardena. Our business model is one of lean efficiencies and low overhead, allowing us to pass along savings to our clients. W&A only provides project management, construction management, inspection, labor compliance monitoring and administrative services throughout Southern California to our clients. By not performing design work, we eliminate any potential conflicts of interest or the potential to 'overlook' a design flaw. Currently, W&A has over 40 associates and a pool of several part-time inspectors able to provide services to clients on short notice. One notable benefit with W&A is our ability to provide part-time Project Managers, Construction Managers and Inspectors (as needed by the client) as well as complete construction management teams.

W&A Legal Name and Address: Wallace & Associates Consulting, Inc.
Corporate Office: 1655 East 6th Street, Suite A-4a, Corona, CA 92879
Mailing Address: PO Box 909, Murrieta, CA 92564
Employer Federal Identification Number: 27-1653492

Legal Form of Company: Sub Chapter S Corporation (Wyoming)
Fax and Phone Numbers: (951) 966-7774 | Fax: (951) 848-0842 |
W&A Website: www.wallace-cm.com

W&A is 100% woman-owned by Cathy Wallace, SPHR. Cathy Wallace, SPHR, Carl Wallace, PE, Bryan Tuschhoff, CMIT, QSP and Heidi Nesper are all authorized to bind the firm into contracts. Cathy Wallace, SPHR, and Carl Wallace, PE can enter into contract negotiations on behalf of Wallace & Associates Consulting, Inc.

Most of our 40+ staff have over 20 years of experience and have completed hundreds of public agency CIP projects in Southern California. Our Project Managers are licensed Professional Engineers with experience in all aspects of design and construction. Our Construction Managers have either worked as a contractor or have a professional engineer license, or both and have earned specialized certifications including Certified Construction Manager and Certified Construction Manager in Training. Our inspection staff includes ACIA certified inspectors, inspectors with QSP certifications, inspectors who previously worked as soil technicians and who understand all the testing requirements for mass grading and infrastructure work. We have staff with D-1, D-2, D-3, D-5, T-1 and T-3 certifications for water distribution and treatment. We also have staff that are NASSCO Certified Cured-in-Place Pipe Inspectors, Certified Cross Connection Specialists, Certified Welding and Structural Steel Inspectors, NACE Certified Coating Inspectors and numerous inspection staff with concrete and asphalt inspection certificates. They also have experience with testing related to water projects including hydrostatic testing, chlorination/de-chlorination, dewatering and bac-t tests. Our W&A team members have previously worked for years within local City Public Works Departments, Park Departments, Water Departments, Utility Agencies, engineering consulting firms and even as contractors.

With over 40 associates, W&A can provide the City with a full engineering services team with services including not only construction management and inspection, but also project management, specialty inspection, office engineering, labor compliance and administration. These resources ensure W&A is capable of working on a wide variety of public works infrastructure projects. Most relevant, W&A has provided the exact requested services for numerous clients throughout Southern California.

Clients continue to choose W&A for our responsiveness, our experience in a variety of CIP and Development projects and our staff's personal commitment to help ensure the success of every project. We are proud of the fact that many of our initial clients have renewed multi-year contracts with us over the years. We look forward to adding the City of Gardena to our expanding list of satisfied clients.

Section 3 – Project Team

W&A has relevant PM, CM and inspection experience and expertise for virtually every type of project that a City could implement in their capital and land development programs. We have an enviable track record of providing highly qualified and experienced staff to support any project within Southern California. Our Project/Construction Managers each bring in-depth understanding of project life cycles, potential challenges and the ability to provide resolutions for any encountered issue. They have worked on every type of typical CIP project that includes:

- ✓ ADA upgrades
- ✓ Bike trails
- ✓ Bridges
- ✓ Buildings
- ✓ CIPP Rehabilitation
- ✓ Directional drilling
- ✓ Drainage facilities
- ✓ Emergency projects
- ✓ Landscaping
- ✓ Medians
- ✓ Micro tunneling
- ✓ Mitigation areas
- ✓ Parks
- ✓ Playground equipment
- ✓ Pump and lift stations
- ✓ Sewer systems
- ✓ Sidewalks, curbs and gutters
- ✓ Slurry programs
- ✓ Sports fields
- ✓ Storm drains
- ✓ Street lighting
- ✓ Street rehabilitation
- ✓ Streets
- ✓ **Traffic signals**
- ✓ Water storage and distribution
- ✓ Water/Wastewater treatment plants
- ✓ Well drilling and equipping
- ✓ Wet and dry utility installation

We provide the City with:

- ✓ Over 40 local professionals specializing in project management, construction management, construction inspection, labor compliance and administrative support.
- ✓ Experience with CIP projects including traffic signal improvements, street and pavement infrastructure projects, water infrastructure projects, sewer infrastructure projects, storm drain infrastructure projects, municipal facilities (building) improvement projects, park improvement/construction projects, stormwater improvement projects (green streets, regional, etc.), electrical and lighting improvements, landscaping improvements, bike paths/trails, new building and facility construction projects and inspection and compliance with local and regional standards.
- ✓ In-house ability to provide technical and specialized services including constructability reviews, labor compliance and certified payroll monitoring, document control, office engineering, scheduling, cost estimating and grant funding assistance, etc.

Key Personnel

W&A has a successful and extensive record of providing on-call construction management and inspection services to dozens of agencies and cities in Southern California. Over 80% of our contracts are as-needed in nature; many of our clients repeatedly renew our contracts. We maintain this positive record by working closely with our clients to understand their projects and providing multiple resumes of qualified associates that can perform the work. W&A commits to providing this same client focused service to the City. Once an individual is selected for a specific project, we commit to providing this same individual for the duration of the assignment. The only time this might change is when an unforeseen personal circumstance arises; this scenario is always possible, but we have rarely experienced it. In this case, we will always be able to propose an equally qualified replacement.

Carl Wallace, PE, will be the City's main point of contact. Carl's strength is his ability to match staff to the right projects. His strong understanding of CM and inspection services helps him determine the right level of staff for each project. He also understands that construction is fluid and can provide the right inspector to service multiple jobs sites in one day or on a part time basis—whatever the City's needs may be. We currently have over 40 associates providing field services including construction management, inspection, labor compliance and project management. Plus, we have a pool of inspectors available to come to work on short notice; with 48 hours' notice our inspectors will be ready at the project site. Since W&A specializes in field and construction phase services, we maintain a low, competitive overhead rate. We don't maintain large offices with specialized equipment as firms that provide design and engineering services are required to do. A key benefit to this low-cost structure is our resulting ability to provide our staff with better pay and benefits. This allows us to easily recruit and retain highly qualified associates. We have experienced a staff turnover rate of less than 5% since starting the business over 11 years ago.

Clients continue to choose W&A for our responsiveness, our experience in a variety of CIP and Development projects and our staff's personal commitment to help ensure the success of every project. We are proud of the fact that many of our initial clients have renewed multi-year contracts with us over the years.

In staffing our team, we have identified the following personnel within the firm who have proven track records in successfully delivering these services. The amount of time and anticipated level of effort for each key personnel will be determined based on the individual project's scope.

Principal-in-Charge, Carl Wallace, PE – Carl has spent his 30-year career delivering construction management solutions throughout Southern California and the Western United States including Utah, Nevada and Texas. Since starting the firm 11+ years ago, he has focused on providing exceptional value and service to clients like the City on public works, water, street, and related capital projects for cities and other public agencies. Carl currently and actively oversees W&A's contracts for construction management and inspection for cities including Pomona, El Monte, Torrance, Santa Monica, Culver City, Manhattan Beach, Fullerton, Garden Grove, Huntington Beach, Irvine, Laguna Niguel, Lake Forest, Oceanside, Escondido, Chino, Corona, Murrieta, Ontario, Rialto and Temecula, and for utility agencies including California American Water Company, Golden State Water Company, Ontario Municipal Utilities Company, Moulton Niguel Water District,

Inland Empire Utilities Agency, Coachella Valley Water District, Indio Water Authority, Rancho California Water District, Elsinore Valley Municipal Water District and Western Municipal Water District. As either a divisional leader or company owner, Carl has successfully managed similar professional service contracts for clients over the past 20 years. Prior to forming W&A, Carl worked for over 11 years managing construction contracts for SANDAG in San Diego.

Senior Project Manager/Senior Construction Manager, Jonathan Smith, PE – Jonathan is a hands-on, results-oriented leader with a proven history of productivity and an ability to take complex issues and get to a consensus quickly. During his 30 plus-year career, he has worked for numerous agencies throughout Southern California in roles varying from Director of Public Works to Senior Civil Engineer. Jonathan is experienced at analyzing complex budgets and technical reports and developing and revising contracts and legal documents using federal, state, and local laws, rules and regulations. He has experience related to construction management and design of roadways, water/wastewater projects, sound walls, retaining walls, and buildings. Jonathan has been responsible for supervision of technical and field staff, change order negotiation and preparation, contract administration, critical path schedule reviews, storm water pollution prevention plan preparation and compliance, claims mitigation, selection committee interviews, cost estimate preparation, reviewing and designing structure-related shop drawings and assuring compliance with plans, specifications and various agency regulations, presentations to city councils and other stakeholder groups. He is a highly effective manager who possesses the ability to develop both entry-level and experienced staff into participatory teams by using strong organizational, interpersonal and critical thinking skills. Jonathan recently managed several traffic signal projects for the City of Menifee. Jonathan was a true "hands-on" Director of Public Works/City Engineer, participating in project roles including designing and constructing traffic-calming improvements. He has recently provided Project Management services for various traffic signal projects for the cities of El Monte and Oceanside.

Senior Construction Inspector, Cesar Ramirez, EE – Cesar is a Civil Engineering professional with over 25 years of construction and engineering project management expertise as well as budgeting, planning, inspection and staff management experience. He has worked extensively throughout Southern California on several city CIP projects that include street/road rehabilitation and traffic signal upgrades. Cesar understands different funding requirements as well as local, state and federal regulations. He just finished providing inspection for the cities of Corona, Culver City, Downey as well as Elsinore Valley Municipal Water District. Cesar provided inspection services for the Euclid Street/Garden Grove Blvd/Woodbury Avenue Rehabilitations and Palmwood Sidewalks ($3.8M) and Magnolia Street Rehabilitation ($3.8M) projects for the City of Garden Grove and Lakewood Boulevard Street Rehabilitation project for the City of Downey. Cesar has also performed detailed documentation for federal and state funded projects as an inspector.

Project Administrator, Teresa Rodriguez – Teresa has over 15 years of construction contract and project administration experience in the public works and private development sectors. She brings strong proficiency in the use of Construction Management Project Control systems and software for construction project administration. Her strength lies in her ability to complete a wide range of project-related responsibilities with a strong understanding of the construction process. She is knowledgeable in assisting on projects from design through the completion of construction.

Subconsultants. W&A understands that, based on the project needs, we may need to utilize the specialized expertise of other firms. We have established working relationships with the following local specialty firm that we can use as needed:

Surveying Services, Dennis Janda, Incorporated (DJI) – DJI is a private corporation providing land surveying and mapping services. The owners and managers of DJI have worked together for both public and private sectors clients, throughout California since 1997. DJI's core staff has their roots in the traditional disciplines of land planning, civil engineering, land surveying and mapping. Upon this foundation they added a diverse team of professionals using the best use of equipment and technology to contribute to their client's specific project goals and schedules.

Materials Testing Services: Leighton Consulting, Inc.
W&A is currently working, or we have worked with, Leighton where they are providing these same services for projects in Santa Ana, Corona, Rialto, Escondido and for Valley Center Municipal Water District. Leighton has provided geotechnical testing services to public and private sector clients for decades.

Leighton has nearly 60 years of experience providing geotechnical and materials observation and testing of soils, asphalt and concrete for construction quality assurance for municipal infrastructure such as roadways, sidewalks, trails, as well as parking lots. Their experience with pavement rehabilitation projects involves performing observation and testing for soils, aggregates, Portland Cement Concrete (PCC), and Hot-Mix Asphalt (HMA) during construction of streets, curbs and gutters, sidewalks, driveways, and traffic signal foundation. With a roster of more than a dozen local field engineering technicians, they are crossed trained and certified (Caltrans, ACI, and AASHTO) to perform observations and testing for both soils and materials.

Section 4 – Related Project Experience

On-Call Construction Inspection Services
City of Garden Grove, CA (Feb 2016 – Present)

Related Elements
CI services for traffic signal projects

W&A Key Staff
Contract Manager: Carl Wallace, PE
Construction Managers: John Reidinger, CCM, Paul Allison, CCM
Construction Inspectors: Cesar Ramirez, EE, Pat Shen, QSP, Paul Allison, CCM, Frank Moreno, David Valenzuela, EIT

Client Contact
Nick Hsieh, PE, Associate Engineer
(714) 741-5190
nhsieh@ggcity.org

W&A is providing on-call construction inspection services for CIP projects. The contract includes street and roadway rehabilitation, facility, parks and utility relocation projects. Street rehabilitation projects are funded through federal, state and local sources. Inspection duties include DIR's, photo records, coordination with project manager, traffic control, Weekly Statement of Working Days, RFI's, progress payments and quantity takeoffs. The following projects are or were supported by W&A staff:

- Harbor Boulevard Traffic Signal ($500K)
- Valley View Street Improvements ($250K)
- Brookhurst Street Rehabilitation – Lampson to Chapman ($1.6M)
- Euclid Street Rehabilitation – Lampson to Chapman ($2M)
- Euclid Street/Garden Grove Blvd/Woodbury Avenue Rehabilitations and Palmwood Sidewalks ($3.8M)
- Knott Street Rehabilitation ($2.2M)
- Magnolia Street Rehabilitation ($3.1M)
- Westminster and Buaro Street Rehabilitation ($2M)
- Chapman Avenue Pavement Reconstruction ($2.4M)
- Chapman Avenue Residential Pavement Reconstruction ($1.8M)
- Cannery-Imperial Interim Storm Drain Improvements from Gilbert Street and Imperial Avenue to Garden Grove Boulevard and Cannery Street City ($3M)
- La Bonita Street Storm Drain Improvement Project ($1.1M)
- Ranchero Alley and Lampson Drainage ($400K)
- City Council Chambers Renovation ($550K)
- Police Department Headquarters Renovation ($800K)

On-Call Construction Management and Inspection Services
City of El Monte, CA (June 2020 - Present)

Related Elements
CM&I services for traffic signal project

W&A Key Staff
Project Manager: Carl Wallace, PE
Construction Manager: Barry Safa, PE,
Construction Inspectors: Cesar Ramirez, EE

Client Contact
Braden Yu, PE, Public Works & Utilities Director
(626) 580-2058
byu@elmonteca.gov

W&A is providing construction management and inspection services for CIP projects throughout the City. Project elements involve federally funded projects, state funded projects, water infrastructure projects, sewer infrastructure projects, storm drain infrastructure projects, street and pavement infrastructure projects, municipal facilities (building) improvement projects, park improvement/construction projects and stormwater improvement projects (LID, green streets, regional, etc.). A recent project includes:

- Traffic Signal Installation at Santa Anita Avenue and McGirk Avenue, CIP 802 ($400K)

Construction Management, Inspection and Administrative Services
City of Manhattan Beach, CA (June 2013 – Present)

Related Elements
CM&I services for traffic signal project

W&A Key Staff
Contract Manager: Carl Wallace, PE
Construction Managers: John Reidinger, CCM, Doug Blois, PE, QSD
Construction Inspectors: Jin Chong, ICC, AWS, Eric Maher, QSP, Doug Blois, PE, QSD, Rick Barajas
Office Engineering: Heidi Nesper
Project Administration: Heidi Nesper

Client Contact
Michael Guererro, PE, Project Manager
(310) 802-3510
Mguererro@citymb.info

W&A assists the City by providing construction management, inspection and administrative services on CIP projects, industrial and commercial developments. The construction of these developments includes mass grading and installation of sewer, water and storm drains. Inspectors also prepare daily reports with photographs, attend meetings and work with the City and contractors to remediate any concerns or issues. Specific inspection projects include:

- Sepulveda Boulevard at Marine Avenue Traffic Signal Improvement Project ($1M)
- Citywide Sidewalk Replacement Project ($1M)
- Citywide Manhole Rehabilitation Project ($500K)
- Sepulveda Boulevard and 2nd Street Water Main Replacement ($1.3M)
- Cycle 2 Citywide Sewer Improvements ($1.5M)
- Citywide Storm Drain Improvements ($2M)
- 2020 Citywide Cycle 2 Sewer and Storm Drain Projects ($2.5M)
- Big Marine Park AYSO Soccer Field Project ($1.7M)

Section 4 – Related Project Experience

Project Management and Administrative Services
City of Chino, CA (Jan 2019 – Present)

Related Elements
CM services for traffic signal project

W&A Key Staff
Contract Manager: Carl Wallace, PE
Project Manager: John Reidinger, CCM
Deputy PM/Admin Support: Melanie Lindbeck

Client Contact
Maria Fraser, CIP Engineering Manager
(909) 334-3310
Mfraser@cityofchino.org

W&A is providing project management and administration for various CIP projects throughout the City. The project work includes developing and managing projects included in the City's 5-year Capital Improvement Program (CIP). The City's CIP includes projects under several categories: parks, public facilities, water, sewer, sanitation, storm drain, streets, traffic and miscellaneous. The 2018/19 budget was approximately $59M divided between 50 projects. Elements involve construction and repair of roads and bridges, installation and upgrade of traffic signals, rehabilitation of water and sewer lines, construction and repair of roads and bridges, installations and upgrade of traffic signals, rehabilitation of water and sewer lines, construction and renovation of parks and City facilities and installation of streetlights and sidewalks. Recently completed and/or current projects include:

- FY 2018-19 Street Rehabilitation and TSM at Riverside Drive ($2.5M)
- Local Street Overlay - Walnut & East End Neighborhoods ($1.5M)
- 3-System Storm Drain at Ross, Walnut and Magnolia Avenues ($2.6M)
- Magnolia Avenue Storm Drain at Salem Street and Carissa Avenue ($700K)

On-Call Project Management, Inspection Services and Labor Compliance
City of Menifee, CA (Dec 2010 – Present)

Related Elements
CM&I services for traffic signal projects

W&A Key Staff
Project Manager: Carl Wallace, PE
Construction Inspectors: Keith Barnett, Bob Cartwright
Labor Compliance: Rachael Highley, Heidi Nesper, Kim Brown

Client Contact
Carlos Germino, PE, Principal Engineer
(951) 672-6777
cgeronimo@cityofmenifee.us

W&A is providing land development, encroachment permit, SWPPP/NPDES general permit and capital improvement project management and inspection services for the City of Menifee. The scope of the projects includes the city's entire land development and capital improvement program. **W&A staff have also provided project management for 44 traffic signal projects for the City of Menifee totaling over $19M.** Completed and current projects include:

- Antelope Road and Garbani Road Traffic Signal Upgrades ($300K)
- Ash Street Improvements ($550K)
- Annual Slurry Seal Improvements ($1.2M)
- Belcanto/Andalusia Neighborhood Street Resurfacing ($1M)
- Scott Road Pavement Rehabilitation ($750K)
- City-Wide NPDES Inspections
- Safe Route to Schools ($1M)
- Various Tracts and Commercial development projects throughout the City ($250M+)

W&A is also providing labor compliance services for state and federally funded projects. Duties include attending the pre-construction meeting to provide applicable labor compliance information handouts and to answer any related questions, monthly reporting, monitor labor determinations throughout the project to ensure compliance with applicable DIR regulations, verify DIR apprenticeship requirements and proper outreach required (DAS forms), perform certified payroll audits, verify contractor is uploading to DIR website and provide field interviews. Projects include:

- Encanto Drive Neighborhood Street Resurfacing ($700K)
- Lyle Marsh Park Playground Improvements Project ($105K)
- Menifee Lakes Slurry Seal Phase 1 Project ($490K)
- Miralago/Lake Pointe Street Resurfacing ($360K)
- Newport Road and Menifee Road Street Improvements ($175K)
- Newport Road Rehabilitation from Bradley Road to Murrieta ($856K)
- Newport Road Widening from Haun Road to Bradley Road ($3M)
- Ridgewood Road Repairs ($450K)
- Rustlers Ranch Phase 1 Resurfacing and ADA Improvements ($864K)
- South of Rouse Road and West of Bradley Road Resurfacing ($390K)
- Sun City Boulevard ADA Improvements Project ($68K)
- Sun City Boulevard ADA Improvements Project ($68K)
- Traffic Signal Installation at Holland Road/Bradley Road and Menifee Road/Aldergate Avenue ($550K)
- Zone 3-2015 Street Resurfacing ($400K)

Section 4 – Related Project Experience

As-Needed Project Management, Construction Management, Inspection and Administrative Services
City of Irvine, CA (July 2012 – Present)

Related Elements
CM&I services for traffic signal project

W&A Key Staff
Contract Manager: Carl Wallace, PE
Project Manager: Barry Safa, PE
Construction Inspectors: Pat Shen, QSP, Paul Kraatz, Keith Barnett
Project Administrator: Teresa Rodriguez

Client Contact
Alex Salazar, PE, CIP Administrator
(949) 724-6442
asalazar@cityofirvine.org

W&A is providing project management, construction management, inspection and administrative services for the City. The project work includes CIP, right-of-way and grading projects. The contract includes a variety of project types including facilities, roadways, traffic signals, parks, annual paving, grading, street and roadway construction, and utility relocations. Recently completed and/or current construction inspection projects include:

- Irvine Boulevard Improvements ($12M)
- 2013/14/15/16/18/19/20 Annual Paving and Slurry Program ($5M/$9M/$6M/$6M/$10M/$7.5M/$8.5M)
- Five Points Development ($150M)
- Great Park Development ($300M)
- Alton Parkway Storm Drain Improvements ($6M)
- City Fueling Station Improvements ($750K)
- Campus Drive Bike Path ($600K)
- San Diego Creek Channel Improvements ($1M)

W&A is also providing the City with project management services during the design and construction of city-owned improvements in support of the 1,200-acre Orange County Great Park development. Duties include overall management of designers, coordination with CIP administration staff, preparation of project schedules, budgets and weekly updates, management of internal Staff Engineers and Project Administrators in implementing this project to develop the previous El Toro military base. Project will house new training facility for the Anaheim Ducks Professional Hockey team and a new four rink sports complex for skating and hockey tournaments. Projects include:

- Great Park Western Sector C Street and 8th Street Roadway and Infrastructure Project ($8.8M)
- Great Park Western Sector Landscape ($3M)
- PA6 Streets and Storm Drains Project ($3M)
- Signage Project ($3M)
- Peters Canyon Trail Lighting Project ($333K)
- AT&T Conduit at Festival Site ($80K)
- Basin 1, Basin 3 and Basin 6 Projects ($100K)
- Installation of a temporary above-ground recycled water pipe outside of Ice Facilities Site ($10K)
- Lift Station Enclosure Improvements Project ($250K)
- Portable restroom building relocation ($85K)
- Preliminary engineering work for domestic water service to Visitor Center ($100K)
- Relocation of Southern California Edison facilities at Festival Site ($50K)

On-Call Project Management, Construction Management and Inspection
City of Corona, CA (May 2011 – Present)

Related Elements
CM&I services for roadway projects

W&A Key Staff
Contract Manager: Carl Wallace, PE
PM/CM: Bryan Tuschhoff, CMIT, QSP, Barry Safa, PE, B-Lic, John Reidinger, CCM, Jeff Schippers, CCM, Peter Ramey, PE, Dennis Phinney, PE, Ken Cope
Cost Estimating: Peter Ramey, PE
Office Engineering: Heidi Nesper, Rachael Highley, Kim Brown, Christine Gallis
Construction Inspectors: Cesar Ramirez, EE, Tom Hall, Pat Shen, QSP, Rick Wiggins, Frank Moreno, Bob Peters, David Babcock, David Zamiski, Steve Platzer, Phil Fikes, Tom Mitchell, Pete Ayala, Gordon Lewis
Labor Compliance/Contract Admin: Heidi Nesper, Rachael Highley, Christine Gallis
Certified Payroll Auditor: Kim Brown

W&A is providing project management, construction management, inspection and labor compliance services for development and CIP projects throughout the City. Project elements involve water and sewer pipelines, lift stations, reservoirs, streets, roadways, streetlights, facilities, parks, land development and utility relocations. A sample of relevant projects include:

- Ontario Cold-In-Place Recycled Asphalt Roadway Rehabilitation ($2M)
- 2018-19 Pavement Rehabilitation Project ($1M)
- Foothill Parkway Widening Tamarisk Lane to Teddy Bear Lane ($1.75M)
- 91 Freeway Design Build ($1.6B) - Water and sewer relocations ($50M)
- Arantine Hills Force Main ($4M)
- CIPP Sewer on Smith Street ($200K)
- Rincon & Malloy Sewer Replacement ($1.1M)
- WRF-3 Sewer Force Main Improvements and Temescal Canyon Backbone Electrical Project ($1.5M)
- Liberty Howe Sewer Line Replacement ($500K)
- Butterfield Park 30" Directional Drilled Recycled Waterline ($3M)
- Cajalco Road I-15 Freeway Interchange (WRF-3) New Force Main ($3M)
- Cerritos Waterline Replacement ($1.5M)
- Green River Road Widening and Waterline Project ($6.2M)

Client Contact
Vernon Weisman, PE, District Engineer
(951) 739-4912
vernon.weisman@ci.corona.ca.us

- Hummingbird and Sampson Pressure Reducing Stations ($2M)
- Keith 1220-Zone Potable Water Storage Tank (Reservoir) Project ($7.2M)
- Masters Drive Recycled Waterline and Repaving Project ($2.5M)
- R-3 Reservoir and Booster Pumps ($4M)
- Sixth Street Waterline Extension-Grand to Rimpau ($863K)
- Temescal/Glen Ivy Waterline Relocation Dawson ($13M)
- Vista Monterey Recycled Waterline ($500K)
- Water Reclamation Facility No. 1 Telecommunication Tower ($500K)
- Well 8a Emergency Generator ($800K)
- Main Street Metro Development ($150M)

On-Call Project Management, Construction Management and Inspection
City of Murrieta, CA (Feb 2010 – Present)

Related Elements
CM&I services for traffic signals and street improvements

W&A Key Staff
Contract Manager: Carl Wallace, PE
PM: Bryan Tuschhoff, CMIT, QSP
CMs: John Reidinger, CCM, Bryan Tuschhoff, CMIT, QSP, Peter Ramey, PE
Cost Estimating: Bryan Tuschhoff, CMIT, QSP
Constructability Reviews: John Reidinger, CCM
Construction Inspectors: Cesar Ramirez, EE, Eric Maher, QSP, Ken Burris, Richard Scott, Pete Ayala

Client Contact
Bob Moehling, PE, City Engineer
(951) 304-2489
bmoehling@murrieta.org

W&A provides project management, construction management, inspection and labor compliance services to a variety of projects throughout the City. Project types include street and roadway construction, traffic signals, parks, paving, grading, facilities and utility relocations. W&A provides the City with Project Managers, Construction Managers, Resident Inspectors and part-time Inspectors based on the project needs. Our services include managing project schedule and budgets, construction inspection, assistance with project close out and administrative assistance. W&A also coordinates work with the City, local utility companies and other stakeholders. A sample of projects includes:

- Various Traffic Signal Modifications ($5M)
- Cal Oaks/St Raphael Traffic Signal CIP No. 8257 ($238K)
- Historic Downtown Traffic Signal Painting Project ($100K)
- Murrieta Community Center Improvements Project ($232K)
- Murrieta Senior Center Improvements Project ($400K)
- Senior Center Outdoor Recreation Area ($1.1M)
- Sykes Ranch Park (Engineers' Estimate TBD)
- Town Square Park Project Phases 1, 2 and 3 ($6.1M)2020 Annual Pavement Rehabilitation Project ($1.2M)
- Jackson Avenue Widening, Extension and Bridge Project ($8M)
- Madison Avenue Widening Project ($7M)
- Warm Springs Parkway South Improvement Project ($2.6M)
- Whitewood Avenue Widening Project ($6M)
- Adams/Juniper Water Well Redevelopment Project ($100K)
- Guava Storm Drain ($2M)
- Line D and Line D-1 Storm Drain Realignment Project ($4M)
- California Oaks Sports Park (Engineers' Estimate TBD)
- Jefferson Avenue & Murrieta Hot Springs Road Rehabilitation Project ($500K)

Ability to Deliver Projects On Time and Under Budget

W&A has an excellent track record of delivering construction projects for owners on time and within budget. W&A works as a team with the City project manager, designer and other stakeholders throughout the life of the construction phase. Recent examples include:

City of Irvine, Irvine Boulevard Widening (Phase 1 & Phase 2) ($20M) Adding lanes on both sides of road, median landscaping, parkways, utility relocations, traffic signal and intersection, ADA ramps, curb and gutter, landscaping and irrigation. ***(Completed on time and under budget)***

City of Corona, Green River Road - Project Management, Construction Management and Inspection ($6.2M) Grant funding, roadway construction, hardscape, sidewalk and ADA improvements, lighting, traffic signals, landscaping and irrigation. ***(Completed on time and under budget)***

City of Corona, 91 Freeway Design-Build Project Sewer Relocations ($20M) Key features included relocation of sewer and force main throughout project area in over 20 locations including jack and bore pits, trenching in roadway and connections. These locations included work within the Caltrans Right of Way, through city streets and adjacent properties for this $100M project. ***(Our portion of work was completed on time and within budget)***

Section 4 – Related Project Experience

City of Corona, Cajalco Road/I-15 Interchange Project Sewer Relocation ($3M) Key features included relocation of sewer force main through project area in over three locations. These locations included work within the Caltrans Right of Way, through city streets and adjacent properties for this $1.6B project. ***(Our portion of work was completed on time and within budget)***

City of Garden Grove, Cannery-Imperial Interim Storm Drain Improvement Project ($4M) Key features included 60" storm drain project with deep shoring, dewatering, sewer bypass, and SWPPP challenges. Key milestones for rainy season conditional usage were met and exceeded. ***(Completed on time and under budget)***

City of Ontario, Riverside Drive Recycled Waterline ($1.5M) Key features included 8", 12" and 16" diameter PVC and CML&C WSP recycled water mainline, replacement of watermain, appurtenances, street connections and service connections. ***(Completed on time and under budget)***

City of Santa Ana, Bush Street Bicycle Boulevard, Water Improvements and Sewer Improvements ($2.5M) Added a bicycle boulevard, replaced water main and sewer maintenance holes, street enhancements of traffic circles and/or bulb-outs at seven street intersections, along with landscaping, and updated signs, striping, and markings. ***(Completed on time and under budget)***

Inland Empire Utilities Agency, Napa Lateral Reclaimed Pipeline Project ($6M) Key features included two miles of 16" CML&C reclaimed pipeline on Napa (Arterial) Street. ***(Completed on time and under budget)***

Inland Empire Utilities Agency, San Bernardino Avenue Gravity Sewer Project ($1.2M) Key features included 1,400' of 15" and 18" gravity sewer pipeline. ***(Completed on time and under budget)***

Approach to Delivering Services

W&A believes that the ability to provide high quality services and error free deliverables to our clients is the direct result of six Key Factors:

1. Significant local resources
2. Recent relevant experience and training
3. Proactive management and communication plan
4. Project specific plan
5. Commitment to problem solving
6. QA/QC plan

Significant Local Resources. W&A has over 40 staff local to Southern California. Being centrally based in Corona enables us to provide excellent access to Los Angeles, Riverside, Orange, San Bernardino and San Diego Counties. Many larger companies with local offices cannot offer our depth of local resources of construction services staff. They are generally based outside the area and/or consist primarily of design staff. With our commitment to providing exclusively project management and construction phase services, we can provide our resources with training and equipment specific to our field services. This allows W&A to provide our clients with well-trained and qualified field staff who are a perfect match to implement the construction phase of their capital program. Also, all our project management, construction management, inspection, administration and labor compliance staff are internal employees. In compliance with AB 5, we do not use any independent contractors. W&A has been fortunate in that more than two-thirds of our staff have been with us for over seven of our eleven years. We typically only use subconsultants for geotechnical and materials testing, large scale public relations, surveying and some types of specialty inspection. An added benefit to complying with this new law helps us to maintain staff continuity in all our services, thereby eliminating costly retraining or the time required to get occasional staff up to speed. Utilizing the same tenured staff is critical for ensuring high levels of quality.

Recent Relevant Experience and Training. Our W&A team members have previously worked for years within local city public works departments, water departments, utility agencies, engineering consulting firms and even as contractors. The majority have a minimum of 20 years of professional CM and/or inspection experience. All have been successfully vetted and confirmed by the rigors of the municipal and/or State Public Agency System and bring that specific knowledge of the process and system to each project. Many possess relevant, specialized certifications. This background ensures that every member of our project team understands that all work must be constructed in accordance with the City's, local and regional standards. Knowing and being familiar with these standards is the foundation for ensuring high quality. Our Construction Managers and Inspectors routinely serve as an expert reference and resource for city and public agency staff pertaining to questions regarding construction management and inspection principles, policies and practices.

Proactive Management and Communication Plan. W&A is very proactive in our approach to project delivery. At the beginning of each project we prepare a project management action plan which outlines the roles and responsibilities of our staff and the client team, including third parties and other stakeholders. This document allows us to clarify, document and stack hands in agreement of the expectations for each team member.

A key aspect of our approach is teamwork and effective, regular communication with both clients and stakeholders. We rigorously interview and hire staff with excellent communication and verbal skills. This sets the bar very high, but we have found these skills lead to the best possible outcomes for our clients. We pride ourselves in maintaining a professional and smooth operation throughout projects.

Prior to starting work our Project/Construction Manager will facilitate the collaboration with the Project Manager/Engineer for the City. Typical items to communicate, depending on the type of work, include review of all plans, special provisions, construction and materials manual, and specifications that apply to the assigned project, review the day-to-day project responsibilities, review the content and format of the daily inspection reports for the project, review the required testing procedures and forms, and discuss roles and responsibilities regarding the City's procedures for notifications, changes, corrections, delays, rejections and tolerances.

For example, for an inspection assignment our staff will coordinate with the City's management each day and review the known activities and their anticipated times. We will develop a work progress plan and schedule for their activities and progression of where they need to be throughout the day. As activities pick up, we can plan for additional part time or day-to-day support if needed, as well as coordinate with the City staff that may have availability at times to assist in covering the work. Prioritizing the work is also important, placing inspection of structures and buried infrastructure ahead of lesser important items of work. The key to dealing with multiple project locations is proactive planning, coordination and constant communication with the field staff.

Project Specific Plan. Each project is different in nature and every client varies in how they approach utilizing consultants to accomplish their goals. W&A understands this as we have worked with dozens of clients in Southern California in each of our service lines throughout each market sector. W&A will provide construction management and inspection support as needed for the duration of the project. There may be intermittent work at times and our staffing is flexible to accommodate these changes on an ongoing basis. Our staff is ready to assist as needed.

Commitment to Problem Solving. We have a deliberate business strategy to attract and hire professional individuals with a very high level of personal commitment to problem solving. While commitment is not a true technical ability, it is certainly an interpersonal trait that is oftentimes the main driver to achieve our success. It is also a precursor for high quality. Based on specific client feedback, we have learned that our clients continue to choose W&A for our responsiveness, our experience in a variety of CIP and Development projects and our staff's high level of personal commitment to help ensure the success of every project. Problems are inherent in the field of construction; effectively solving these problems is very key to sustaining ongoing high levels of quality.

A great example of commitment to problem solving involves the recent experience of one of our Construction Managers for a mass grading project. During his first week on a job, he could not figure out why the contractor was using potable water for the draw pond in support of the mass grading operation when there was nearby available recycled water. When he asked about it, the contractor they said that they could not use it because there was always a conflict with the adjacent park, parkways and median landscape watering schedule. Unwilling to accept that answer, our CM went to every irrigation timer and checked the start and stop times for each circuit. The CM then came up with a draw pond water schedule to allow for the filling of the pond with reclaimed water. We received feedback from the contractor that our CM had saved them up to $30K/month with that seemingly simple amount of effort. This initial gesture helped create a collaborative environment where that project ran extremely smoothly throughout the nine-month contract.

Quality Assurance/Quality Control Plan. W&A will administer a program of Quality Assurance/Quality Control (QA/QC) procedures for producing quality work and shall effectively manage and control the work and the budget. The foundation of our QA/QC plan is built upon the prior described Key Factors; we then add our established project controls and documents file structure system and implement it with our Office Engineers and Construction Coordination Specialists to provide continuity, consistency and instant accessibility and availability of data to the client. Our field staff is adept at communicating clearly verbally and in writing for construction documentation. Because of the criticality of accurate documentation, we conduct internal Daily Inspection Report training sessions and apply this same training standard and sign off for subconsultant inspectors as well.

Our QA/QC plan covers each of our typical project deliverables for our construction management, inspection, labor compliance and materials testing services. Deliverables include:

- ✓ As-Built Plans
- ✓ Certified Payroll Audits
- ✓ Contract Change Orders
- ✓ Daily Extra Work Reports
- ✓ Daily Inspection Reports
- ✓ Discrepancy or Non-Conformance Notices
- ✓ Employee Interviews
- ✓ Final Pay Estimate
- ✓ Invoices
- ✓ Job Site Photos
- ✓ Materials Testing Reports
- ✓ Monthly Progress Reports
- ✓ Operations and Maintenance Manuals
- ✓ Project Certification
- ✓ Project Files
- ✓ Proposed Final Estimate
- ✓ Punch Lists
- ✓ Start-up Plans
- ✓ Weekly Reports
- ✓ Weekly Statement of Working Days

Our Monthly Report includes Status Logs of all RFI's, Schedule Reviews, Submittal Reviews, Progress Payments, CCO's, Testing, Special Inspections and Public Contacts. If selected, W&A will provide the City with a detailed Quality Assurance/Quality Control Plan and adjust to mirror the City's requirements.

Understanding of the Work to be Done

W&A understands understand the City of Gardena is requesting proposals for construction management and inspection services for the Vermont Avenue Traffic Signal Upgrade Project JN 930. The project consists of upgrading the traffic signal system for two intersections, namely Vermont Avenue intersection with Rosecrans Avenue and Vermont Avenue intersection with Redondo Beach Boulevard. The project consists of localized PCC pavement reconstruction including new PCC pavement, curb, gutter and sidewalk as part of a left turn lane extension as shown on the plans. ADA curb ramps shall also be R&R for both intersections. The TSS of both intersections will be extensively upgraded by replacement of traffic signal poles, vehicular and pedestrian heads, cabinets, battery backup, detectors, streetlights, street names, signages and striping as shown on the plans and specifications. The project will be given a 45 working day construction schedule and construction budget of $1.2M.

The City envisions the scope of work for the CM&I to include the following:

1. The project's Design Engineer has initiated plan evaluation of the ADA ramps (on the Los Angeles side only) and has drawn up B-Permit plans per City of Los Angeles standards for checking of LA BOE. After months of curtesy plan review, the following fees had been estimated by the City of Los Angeles: Estimated Plan Checking Fees: $6,820; Estimated Inspection Fees: $16,940; Estimated additional plan checking Fees: $10,000; Required Bond Amount: $103,000.

   The Bond for the B-Permit being required by the City of Los Angeles has been deleted from the CM&I scope. The rest of the fees remains. The CM&I shall include the cost of the above fees and other expenses necessary to secure required bonds in its proposal and shall be part of their contract. Any other unforeseen B-Permit expenses can be subject to additional change. The CM shall also facilitate coordination with the City of Los Angeles during construction to schedule all the necessary inspection by both parties.

2. Project meetings and coordination with City staff, design engineers and contractors as required.
3. Monitoring contractor's progress and schedule through the preparation of daily and weekly reports and pictures.
    a. All daily reports and progress pictures shall be emailed at the end of each working day to City staff.
    b. All daily reports and progress pictures shall be included and indexed in the project close out binder that shall be submitted to the city at the end of the project.
4. Coordinate communications and inquiries amongst City staff, residents, and business owners, tenants and the likes as needed. All pertinent communications shall be included and indexed in the project close out binder that shall be submitted to the city at the end of the project.
5. Conduct inspections as required to ensure that all items are constructed per plans, special and technical provisions of the project including all pertinent code requirements. The CM shall perform the following inspection task, but not limited to, the following:
    a. Checking and approving material specifications, construction methodologies, traffic control plans and the likes, submitted by the contractor.
    b. Conduct regular and special inspections to ensure compliance of all work and methodologies.
    c. Conduct material and field testing as specified in the Special and Technical Provisions.
    d. All approved materials data sheets, substitutions, traffic control plans, test and field evaluation results shall be included and indexed in the project close out binder that shall be submitted to the city at the end of the project.
6. Regularly check and inspect notices, traffic control and devices and all construction related measures to ensure public safety.
7. Evaluation of contractor's progress payment. CM will be responsible in ensuring correctness of quantities and accomplishments of progress payments and make the necessary recommendation to the city. Responsible to represent the City and negotiate and validate potential contract change order(s).
8. Relocation and or replacement of all survey centerline ties, monuments and benchmarks that will be affected by the construction work. Center line ties are mostly the ones affected by PCC pavement rehabilitation and other concrete flatwork (curb and ADA ramp work). Those centerline ties, monuments and other benchmarks on the pavement, curbs and sidewalks that will not be disturbed by the construction work does NOT have to be restored. Construction staking remains in the scope of the contractor.
    a. All survey work shall be performed by a Land Surveyor registered in the state of California.
    b. Prior to start of construction, the surveyor can locate and provide temporary ties for all existing centerline monuments and centerline ties.
    c. After construction, all existing survey monuments and ties lost or disturbed due to construction shall be reestablished by the surveyor. The surveyor shall also establish centerline monuments and ties at all street and alley intersections within the project limits where none existed prior to construction.
    d. A corner record of these monuments, benchmarks, ties, etc. established or reestablished shall be filed with the LA County Surveyor.
    e. A copy of the County approved corner records shall be provided to the City.
9. Utility coordination and notices. CM shall ensure smooth flow of communication amongst City staff, contractors and utility companies.
10. Maintaining contract records and changes. All changes shall be included and indexed in the project close out binder that shall be submitted to the city at the end of the project.
11. Monitoring of labor compliance practices of the contractor but not responsible for enforcement. Contractor is to adhere to DIR requirements.
12. Preparation of as-built plans after the completion of construction. The contractor shall keep a set of the project plans and red mark any and all changes or deviation on this set as soon as such occurs. The CM shall monitor and ensure the correctness, completeness and timeliness of the remarks. Upon completion of the project the CM shall transmit red mark plans to Design Engineer. The Design Engineer shall be responsible for the preparation of a final as-built drawing for the project based on the red marks made by the contractor and attested by the CM.
13. At project close out, CM shall submit a project binder (hard copy) with a digital copy (inserted in the binder) with all items mentioned above, material tickets, testing results and whatever relevant documents the CM may deemed relevant to establishing project history for future reference.

Scope of Work

The below sections convey W&A's clear understanding of the nature of public contracting and capital improvement projects processes, and the work as detailed in the scope of services section of the RFP. In addition to our understanding of, and commitment to providing, the City's scope of work, we have included a description of W&A's work plan and approach to providing construction management and inspection services also follows below. W&A has a high level of expertise and experience in performing the services required for this type of project.

W&A Construction Management Approach. Since these areas form the primary line of our core business, we have a high level of expertise and experience in performing these services. Our team's experience and our proactive approach enable us to stay ahead of the contractor and maintain the project on track for successful completion, on-time and within budget.

Prior to starting work, our Construction Manager will collaborate with our team and City's personnel to agree on an overall plan which will include the following actions:

- ✓ Review of all existing plans, special provisions, construction and materials manual, and specifications that apply to the assigned project
- ✓ Review the day-to-day project responsibilities
- ✓ Review the content and format of the daily inspection reports for the project
- ✓ Review the required testing procedures and forms
- ✓ Discuss roles and responsibilities regarding City procedures for approvals, notifications, changes, corrections, delays, rejections and tolerances

The result with be the overall Construction Management Plan (CMP). Below are our normal items of the CMP, however we will customize our plan to meet the City's expectations and project requirements.

- ✓ W&A/City internal team kickoff meeting and project management plan
- ✓ Familiarity with the project
- ✓ Communication plan
- ✓ Document control
- ✓ Pre-Construction meeting
- ✓ Public relations
- ✓ Bi-weekly progress meetings
- ✓ Pre-Construction documentation
- ✓ RFI's, problems and solutions
- ✓ Quality Assurance (QA)
- ✓ Schedule review and control
- ✓ Special, deputy and soils inspection and materials testing
- ✓ RFI response and tracking
- ✓ Warranty and guarantees
- ✓ Change order review and processing
- ✓ Progress payment processing
- ✓ Construction disputes
- ✓ Finalize punch list
- ✓ Project closeout

W&A's goal is to provide clients with responsive construction phase services performed by highly capable and experienced professionals. We pride ourselves on the fact that our President and Principal, Carl Wallace, PE, is always available and responsive by phone, in person and/or email to discuss project progress, questions, etc. Our team is eager to deliver high quality projects and staffing solutions to the City. Below is further detail about each of the Construction Management Plan (CMP) components.

W&A/City Internal Team Kick-Off Meeting and Construction Management Plan: W&A will prepare an agenda to review the project and our role in conjunction with the desired scope and roles and responsibilities for each project. We believe you will never get another chance to get the job started right and to have everyone on the same page. It is critical to identify and clarify the key administrative tasks for the project. Our primary focus will be placed on project team roles and responsibilities, flow of information, public relations activities, communications and authorizations, review of project documents, scope, schedule, quality assurance, schedule, cost control and funding compliance. This will be formalized into the written Construction Management Plan (CMP) and distributed to the team members.

Familiarity with the Project: The first thing we do prior to the start of work is become familiar with the project. In order to acquire this familiarity W&A will visit the project site and construction areas. When the plans and specifications are currently being developed, W&A will review project scope and become familiar with the following:

- ✓ Construction drawings showing details of the proposed method of construction
- ✓ Phasing, scheduling and sequencing of operations to be performed during construction
- ✓ Methods of pedestrian and vehicular traffic control in the project vicinity
- ✓ Required project signage and notifications to the public
- ✓ Methods of resolving conflicts in the plans and specifications
- ✓ Methods of resolving construction delays
- ✓ Methods of resolving contract change orders
- ✓ Process for coordinating construction with underground utility agencies
- ✓ Review of soil reports, material testing, and construction material submittals
- ✓ Document pre-work video and photographs of the project areas

Value Engineering: As early as we can obtain plans and specifications in the project design phase, we can begin to use our resources and expertise to apply our lessons learned to the City's project and help eliminate issues and provide a more valuable project. For larger projects we utilize specialists in formal Value Engineering when needed.

Constructability Review: When a project bid opening occurs prior to our contract start we will quickly review all documents, look for potential changes and make the City aware of any recommendations that we may have. We can also perform detailed constructability reviews through the 60, 75 and/or 90 percent reviews. Reviews include evaluation of methods, cost of construction and materials, progression, plan checking, matching measure and pay clauses, thus ensuring that all items of work are covered within the measure and payment specifications for each item or section of work.

Support During Bid Period and Bid Evaluation: W&A will provide support to the City and Designer as needed for review and response to bid questions through the bid period. We will also review contractors' bids for accuracy, review bid forms for compliance and check math on bid units and tabulations. W&A will also call references for contractors' experience and verify that their contractors' licenses are valid and that they are in good standing.

Field Investigations and Evaluations: W&A is capable of investigating field issues and preparing recommendations with cost and schedule impacts. Our Construction Managers and Inspectors have years of experience in resolving field issues in a cost effective and timely manner.

Authority: W&A will review our role and responsibility for each project we work on with the City. The authority level of our specific role, lines of communication and approvals for our specific scope of work will be reviewed and established, so we all start the project on the same page. We work diligently to identify and clarify W&A's specific authority levels for RFI's, CCO's, PCO's, Submittals and Progress Payments at the onset of the project prior to start of construction. The City has established signature authority and procedures and forms that we will review and ensure we understand our role and authority on each project.

Pre-Construction Conference: W&A will coordinate and conduct the pre-construction conference including notification to contractor, utility agencies and other stakeholders, and prepare the meeting agenda and minutes.

The pre-construction conference agenda and minutes will include the following items, at a minimum:

- ✓ Introduction of key personnel
- ✓ Responsibilities of City
- ✓ Safety responsibilities of contractor
- ✓ Overview of project
- ✓ Confirmation of fully executed contract documents and Notice to Proceed
- ✓ Establishment of contract time and completion date
- ✓ Review of working day definition and holiday schedule
- ✓ Identify overall project goals will be identified
- ✓ Provide chain of communication and key contacts
- ✓ Overview of public relations
- ✓ Discuss and define scope, critical design elements, schedule and cost factors
- ✓ Discuss experience and key roles in the project
- ✓ Identify potential issues and critical items
- ✓ Define jurisdictional agencies
- ✓ Discuss master schedule
- ✓ Review sub-contracts
- ✓ Integration of utility coordination activities into schedule
- ✓ Documentation and tracking controls
- ✓ Establish progress payment and change order procedures, scope, schedule and cost change administration, notification requirements, controls, submittal and RFI processes
- ✓ Identify long lead and any substitution and "or-equal" items and testing – review call-out requirements and deputy/ special and testing requirements
- ✓ Review survey for consistency with the design
- ✓ Procedures for labor compliance monitoring and reporting
- ✓ Establish understanding of right-of-way, easements and special access considerations, traffic control, placement of signs (etc.)
- ✓ Questions and answers
- ✓ Discuss action item assignments and procedure

W&A considers the pre-construction conference as our first progress meeting. All items discussed are designated as "open" or "closed." All open items are carried forward to subsequent progress meetings until resolved and closed. Action items are assigned a specific responsible party and a deadline for resolution. Minutes for each progress meeting are prepared and distributed to all attendees and affected coordination parties. W&A will typically conduct or, at a minimum, participate in all site meetings. Pre-construction meeting and site meeting minutes will be distributed via email to meeting participants and to courtesy recipients identified by the City.

Project Communication: W&A CM staff has excellent written and verbal communication skills. Simple and clear communication that is similarly documented is what our staff will bring to this project.

Public Contact/Complaints: W&A will set up a protocol for public communication and complaint response prior to the start of any project. We will work closely with the City Communication Officer and set up the necessary system and identify the person to perform this role prior to the project start.

Project Controls: Complete and current project files will be kept at the job site, or at a location agreeable to the City, and these will always be available to the City. Electronic copies of files will be accessible to the City on our cloud storage site. These files will consist of the contract, correspondence relating to or modifying the contract, proposal requests, clarifications, permits, logs, reports, RFI's, field orders, change orders, claims information, daily inspection reports, quantity calculations, test reports, etc. The W&A team will prepare a detailed file indexing system for all project hard files, and we would offer an industry standard system for contract administration for logging and tracking of critical issues, change management, RFI's, submittals, digital data and scanned documents. W&A can use City standard or customized forms. We will adapt our system to the specific needs of the project to monitor, track and control the project. This detailed tracking system will enable us

to provide an accurate assessment of the progress to the City with recommendations to maintain or improve adherence to the approved project schedule.

Funding Compliance: W&A has provided project management for federal, state and local funded projects from start to finish, and provided specific services during construction phase such as construction management, inspection and labor compliance for a variety of transportation, water/wastewater, facility and recreation projects in Southern California.

Submittal Processing: The CM will process all correspondence and submittals on this project with assistance from our project administrator. He will maintain the current submittals for verification that work in the field is following the approved submittals. All shop drawings, samples and other submittals received from the contractor will be logged in and evaluated to see if we can review them or if additional reviewers are needed. If it is determined that W&A staff would not review the submittal, we will quickly discuss the item with the City Project Manager to assure that we agree. Prior to starting the work, we will go through the submittal list and work out any issues with the content up front prior to the start of work. If we do need the submittal reviewed by the designer or another party, it will be logged in and routed to the reviewer with a desired response. Responses will be logged in and transmitted to the contractor. Submittals will be tracked throughout the project to ensure timely response to avoid contractor claims for delay. All submittals will be expedited utilizing electronic delivery whenever possible (except for shop drawings, large format documents, etc.). Additionally, W&A will recommend key contractual requirements for the contractor to clearly indicate submittal processing requirements in the project schedule. Submittal comments will be monitored to identify potential impacts to quality, cost or schedule, with recommended alternatives and/or solutions. All files will be loaded to the cloud file storage.

RFI's: Upon receipt, the CM will log, distribute and respond to each Request for Information (RFI) as required. It is anticipated that most will be handled upon receipt. However, if the design engineer or the City staff is required to answer questions, the Construction Manager will coordinate a timely resolution. W&A will identify potential impacts to cost or time that may result due to issues identified in RFI's, with recommended alternatives or solutions to mitigate the potential impacts.

Coordination with City: W&A will closely monitor the work of the contractor. The contractor will be required to submit a four-week "look-ahead" of schedule at the weekly meetings. This is a very effective tool in helping to coordinate the construction operation, particularly in relation to any interface operations with the City's activities. W&A will assist the City to minimize disruption to both City and construction operations. Our staff will communicate openly with the project team and constantly be making sure that we are all fully apprised and heading in the same direction.

Job Safety: Job site safety is the responsibility of the contractor. W&A will intermittently check that the contractor is following their approved safety plan. Our inspector will attend the contractor weekly tailgate meeting. The CM will review contractor's safety plan and implement tracking to assure that the contractor is following their safety plan. Our CM will notify the City of any accident or incident related to safety.

Periodic Progress Reports: W&A can prepare comprehensive reports for the Project Stakeholders covering the construction projects that we are inspecting. These reports are typically compiled monthly and would include the following information:

- ✓ Summarized report of construction activities including significant events and accomplished goals
- ✓ Construction observation reports
- ✓ Description of progress with photos to enhance the descriptions
- ✓ Description of equipment used
- ✓ Comparison of planned vs. actual progress, in narrative and bar graph forms
- ✓ The latest detailed four-week "look-ahead" schedule submitted by the contractor and reviewed by the CM
- ✓ Identification and discussion of current problems or pending change orders and actions taken or planned to resolve such issues
- ✓ Discussion of new short- and long-term goals for the project
- ✓ Comparison of planned vs. actual budget expenditures
- ✓ Master trend log detailing potential and approved changes
- ✓ Report of progress payments made to date and invoices in process
- ✓ Safety compliance and labor compliance reports for contractor and subcontractor employees (if required)
- ✓ QA/QC prepared by the team addressing testing and regulatory compliance issues
- ✓ Analysis of change order impacts or potential problems on schedule and budget progress, time of completion, weather/rain days, delays and time extensions, and submit to contractor and the City on a weekly basis. The weekly statement of working days is typically discussed and agreed upon at each progress meeting and transmitted as an attachment to the minutes.

Schedule Review: W&A is very familiar with the mainstream scheduling software used by the public works contracting industry including, but not limited to, Primavera P7®, Suretrak® and Microsoft Project®. The W&A Inspector will review the baseline construction schedule, including activity sequences and duration, schedule of submittals and schedule of delivery for products with long lead-times. The schedule will not be approved as the baseline until all discrepancies are resolved. The CM team will evaluate the baseline project schedule for the following:

- ✓ Consistency with the contract schedule (completion within the contract time)
- ✓ Accurate start dates, completion dates, other dates detailed in the contract
- ✓ Any impacts of weather and change orders
- ✓ Sufficient detail – including submittal process and procurement requirements
- ✓ Sequence of construction and correct schedule logic

- ✓ Identification of the critical path and project float
- ✓ Cost spread allocation

Problems and Solutions: The W&A proactive approach serves to anticipate and expeditiously resolve field problems. Our team is well trained in problem solving. All issues are processed with a sense of urgency and presented to the City with suggested alternatives, cost and schedule impacts and recommended solutions. The W&A staff will quickly implement the alternative which suits the best interests of the project and the City. W&A will effectively and quickly communicate with City staff, design consultants and the contractor to identify conflicts construction problems, coordination issues, and will obtain the needed action and response to submittals and RFI's.

Schedule Control: During the progress of construction, the W&A team will compare the contractor's monthly schedule updates to the baseline schedule and any approved time extensions, note any shortcomings and monitor and track corrections by the contractor to keep the project schedule on track. A four-week "look-ahead" schedule will be required from the contractor, updated weekly and presented at the weekly construction progress meetings. This tool will keep the entire team looking one month ahead of the project and will facilitate proactive handling of project activities and issues. If necessary, W&A will negotiate time extensions due to change orders or other delays.

Photographs: W&A will prepare and maintain an electronic photo journal documenting the construction progress. Photos will be taken before construction begins, during construction and upon completion of the project. The project will be videoed as well for full capture of all detail prior to construction starting.

Contract Conformance: W&A will visit the site during the normal working hours (and when critical activities warrant it) to verify construction progress and to verify that all work conforms to contract requirements. Deputy and special inspection and materials sampling and testing will be coordinated and provided as required by the final plans and specifications. W&A will reject work that does not conform to the requirements of the contract documents and will promptly report unacceptable work to the City and contractor. Rejected work will be thoroughly documented, photographed, and tracked until repaired or replaced to the satisfaction of the City.

QA/QC: W&A will enforce the quality assurance plan, in conformance with the City's Quality Assurance Manual, or as developed by W&A and the City for the specific needs of the project prior to the start of work. W&A will perform and/or coordinate QA/QC activities daily and review activities as they happen, to make sure that QA/QC procedures are followed, and deficiencies are resolved in a timely and efficient manner. The CM will maintain a chronological log of all records.

Materials Testing and Observations: The W&A CM will establish a testing program at the beginning of each project and monitor it throughout construction. We will track documentation and record testing results in weekly construction progress meetings. When necessary, corrective measures will be implemented and re-inspected to verify acceptable completion. We will work closely with Leighton staff to implement and track the quality control/assurance testing on the project.

Change Orders: W&A will establish, implement and coordinate systems for processing all Contract Change Orders (CCO's). Each issue which is identified as a potential change to the design, scope, cost or contract time will generate a change notice. The CM will determine whether a change notice should be considered. The plans and specifications will be reviewed against the change notice. If the issue does not appear to be included in the plans or specifications, a Request for Quotation (RFQ) will be sent to the contractor. Any credits for work deleted because of the change will be required then as well. The contractor's response to the RFQ will be evaluated for reasonableness and completeness. The CM will maintain a Trend Log, listing potential changes as identified, either formally or informally. This Trend Log will be used such that potential change items are not overlooked or deferred until the end of the job. W&A will prepare independent cost estimates as required for contract change orders. Upon approval by the City, the Inspector will prepare, log and process change orders for full execution, and administer their implementation. Once fully executed, the CM Team will review the timely completion of the work and coordinate inclusion of the change order in the appropriate payment application.

Daily Extra Work Reports: W&A CM will verify and sign the contractor's daily extra work reports documenting force account (time and materials) work. W&A will monitor that only appropriate worker classifications necessary for approved time and materials work are included on extra work reports. Any inappropriate workforce and/or equipment charges will be promptly rejected and removed from extra work reports.

Progress Payment Processing: A cost control system based on the contractor's schedule of values, approved change orders and the contract amount will be developed and implemented to monitor progress costs.

W&A CM will review the payment applications submitted by the contractor, check and or verify quantities using measurement of items and verification of the quantities computed and noted in their signed daily reports. The CM's daily reports and measurements will determine whether the amount requested reflects the progress of the contractor's work. Appropriate adjustments to each payment application will be required by the contractor. When the payment application has been checked, it will be presented to the City for processing.

Construction Meetings and Field Meetings: The following meetings will be held on site:

Periodic Progress Meetings with agencies, design team and staff to discuss all data included in the monthly progress reports and focus on the following items:

- ✓ Progress during the period
- ✓ Major decisions made
- ✓ Planned vs. actual schedule
- ✓ Upcoming work schedule
- ✓ Current or unresolved problems
- ✓ Anticipated or pending change orders
- ✓ Impacts of problems or change orders on schedule and budget
- ✓ Discussion of new goals

- ✓ Planned vs. actual budget analysis

Weekly Progress Meetings will be mandatory for the contractor and W&A staff, and optional or on an as-needed basis for City and design team staff. All parties are always invited to attend in person or via remote. Meeting minutes are distributed to all team members whether in attendance or not. Discussions will focus on the following items:

- ✓ Contractor's detailed four-week "look-ahead" schedule
- ✓ Progress and major decisions during the last week
- ✓ Update of unresolved items from previous meetings
- ✓ Status of submittals and change orders

Bi-weekly Safety and Tailgate Meetings will be mandatory for the contractor and W&A staff. Topic summary and sign-in sheet will be kept and distributed to City staff.

Special Meetings will be scheduled as needed to discuss important issues or which require detailed discussion or review of Plans and Specifications. These meetings will follow the weekly meeting to reduce trips, if issues are not urgent.

Written Instruction: W&A CM will issue written instructions to the contractor regarding routine matters and/or follow-up of verbal instructions as necessary to properly document project issues. Our inspectors have speed memo forms to document any issue and provide immediately a copy to the contractor.

Plans, Specs and As-Builts: W&A will periodically review the contractor's as-built updates on the approved job plan set, identify missing items, and require the contractor to keep as-built records up to date throughout the project. At the City's option W&A will keep its own set of as-built plans, which will note the location of subsurface utilities encountered and/or installed, identify where any design or field changes were required (utilizing the corresponding RFI and/or change order numbers), and note the location of critical building components that are covered by finish work. At the end of the project the final as-built plans are submitted to the City within thirty (30) days of construction completion.

Operations and Maintenance Manuals: Our CM will confirm that the contractor provides the proper number of specified Operations and Maintenance manuals within the time frame requirements in the contract. W&A will enforce the provisions of the specifications to require the contractor to submit well documented operations and maintenance manuals, warranties and guarantees, bonds, extra stock and/or other items required by the contract documents such that a timely close-out of the project is implemented.

Close-Out: W&A will perform closeout duties including final organization of project files and submit to the City for final approval and assist with the filing of the notice of completion and release of retention.

Preliminary Notice and Lien Releases: After all requirements have been met the Inspector will sign off on the appropriate form to recommend approval to recommend release of funds.

Warranties and Guarantees: We will track all material warranties and guarantees identified in the specifications and make sure that we receive the required scope of these as well as the correct number of these documents with contact information, product names and manufacturer's representative and contact information. It is recommended that the City include a follow up schedule to have warranty items checked prior to their anniversary date so that any issues can be resolved under the contract warranty. These will be included in a binder as well as electronically stored for the City.

W&A Construction Inspection Approach. Construction inspection is all about documenting the project and getting the material and facilities put in place in accordance with the regional standards and project documents. W&A understands that each inspection report is a legal document, and we treat them as such. The Inspector is on site to observe and confirm the quality of the field work. Key activities include:

Project Controls: W&A is familiar with the City record keeping system and will make sure that the work product that they are producing is routed and stored according to the City procedures. Electronic copies of files will be accessible to the City on our cloud storage site.

Daily Construction Observation Reports: The W&A Inspector will compile daily observation reports documenting the contractor's workforce, all materials and equipment used or idle, a summary of the construction operations, any field problems, any disputes or claims, resolutions of issues and information provided or written directives to the contractor. Completed daily reports will be transmitted to the City on a weekly basis with originals filed and stored appropriately. Our CM will review and approve all daily reports. We typically include job photos with each daily report or categorize them by date and location for storage and "searchability" by title date location or key words on the computer. These are stored on our SharePoint/OneDrive file system which the City can access at any time.

Photographs: W&A will prepare and maintain an electronic photo journal documenting the construction progress. Photos will be taken before construction begins, during construction and upon completion of the project. The project will be videoed as well for full capture of all detail prior to construction starting.

Schedule Review: W&A can review parts of the schedule for timeline and crew size production rate. The inspector will obtain the critical path from the City Construction Manager to make sure that they document work done or not done on the controlling items each day. The W&A Inspector will also review the baseline construction schedule, including activity sequences and duration, schedule of submittals and schedule of delivery for products with long lead-times.

Section 5 – Scope of Work

Construction Meetings and Field Meetings: W&A Inspector will attend and contribute to required meetings held on site. These typically include: Periodic Progress Meetings with agencies, design team and staff to discuss all data included in the monthly progress reports and focus on the following items:

Progress during the period

- ✓ Major decisions made
- ✓ Planned vs. actual schedule
- ✓ Upcoming work schedule
- ✓ Current or unresolved problems
- ✓ Anticipated or pending change orders
- ✓ Discussion of new goals
- ✓ Impacts of problems or change orders on schedule and budget
- ✓ Planned vs. actual budget analysis

Weekly Progress Meetings will be mandatory for the contractor and W&A staff, and optional or on an as-needed basis for City and design team staff. All parties are always invited to attend in person or via remote. Meeting minutes are distributed to all team members whether in attendance or not. Discussions will focus on the following items:

- ✓ Contractor's detailed four-week "look-ahead" schedule
- ✓ Progress and major decisions during the last week
- ✓ Update of unresolved items from previous meetings
- ✓ Status of submittals and change orders

Bi-weekly Safety and Tailgate Meetings will be mandatory for the contractor and W&A staff. Topic summary and sign-in sheet will be kept and distributed to City staff.

Special Meetings will be scheduled as needed to discuss important issues or which require detailed discussion or review of Plans and Specifications. These meetings will follow the weekly meeting to reduce trips, if issues are not urgent.

Construction Surveying: W&A has included DJI for surveying services. We have an excellent established relationship with DJi and can utilize their services as needed. We normally will establish scope for each project based upon the need identified by the City and the project. Typical services during construction include quality assurance verification for line and grade as well as construction staking for layout of infrastructure. W&A Construction Manager and/or Inspector will work closely with the surveyor (either Towill or the contractors') to provide complete scope of services for the project and maintain their completion within the established budget.

Change Orders: W&A Inspector will provide support to the CM for cost estimates, quantities, construction details and production rates for any proposed change order work.

RFI's: If RFI's (Requests for Information) are received by the W&A Inspector he will coordinate with City CM to log, distribute and respond to each RFI as required. It is anticipated that most will be handled upon receipt. However, if the design engineer or the City staff is required to answer questions, the Inspector will coordinate with City staff for a timely resolution. W&A Inspector will identify potential impacts to cost or time that may result due to issues identified in RFI's, with recommended alternatives or solutions to mitigate the potential impacts to the City Construction Manager.

Progress Payment Processing: Typically, a bid item or cost control system based on the contractor's schedule of values, approved change orders and the contract amount is used to monitor progress costs. W&A Inspector will calculate monthly quantities and percent completed for lump sum items. This will be used to review and suggest adjustments to progress payment applications submitted by the contractor. When the payment application has been checked, it will be presented to the City Construction Manager for their final review and approval.

Weekly Statement of Working Days: When applicable the W&A Inspector will prepare a weekly statement of working days documenting the construction progress, time of completion, delays and time extensions, and submit to contractor and the City on a weekly basis. The weekly statement of working days is typically discussed and agreed upon at each progress meeting and transmitted as an attachment to the minutes.

SWPPP: W&A Construction Managers and Inspectors have QSP certifications. W&A staff will make sure that the approved Storm Water Pollution Protection Plan is distributed to the contractor and City staff, check that the project is loaded on the state database and that the project complies with the approved WQMP. W&A will enforce all provisions of the Plan and/or other requirements set forth in the specifications. W&A staff is well versed in NPDES monitoring through provision of dedicated services for oversight of developers and contractors on behalf of several public agencies. In addition, our QSP staff will prepare and execute the necessary weekly reports as well as mandated pre- and post-storm reporting as needed.

Materials and Workmanship: W&A will recommend approval of materials and workmanship that meet the contract requirements, in coordination with the authority of the consulting engineer, architect, fire inspector, deputy inspector or other authorized representative or regulatory authorities having jurisdiction.

Written Instruction: W&A will issue written instructions to the contractor regarding routine matters and/or follow-up of verbal instructions as necessary to properly document project issues. Our inspectors have speed memo forms to document any issue and provide immediately a copy to the contractor.

Plans, Specs and As-Builts: W&A will periodically review the contractor's as-built updates on the approved job plan set, identify missing items, and require the contractor to keep as-built records up to date throughout the project. At the City's option W&A will keep its own set of as-built

plans, which will note the location of subsurface utilities encountered and/or installed, identify where any design or field changes were required (utilizing the corresponding RFI and/or change order numbers), and note the location of critical building components that are covered by finish work. At the end of the project the final as-built plans are submitted to the City.

Pre-Final Inspection: The Construction Manager and Inspector will perform the final job walk and prepare the punch list (deficiency list). W&A will coordinate and observe the completion of required corrections. Should the contractor lag on a portion of the completion of project work, W&A will estimate the value of the incomplete items and recommend specific retention amount in accordance with the contract to preserve the City's financial interest. If necessary, a change order will be recommended for approval for completion of the remaining work so that the City may file the notice of completion and start the time after which stop notices and/or claims are no longer valid.

Final Inspection: All corrections must be made before W&A recommends processing of the "Notice of Completion." W&A is noted for our attention to detail. Upon completion of the punch-list and final sign-off by all project stakeholders, W&A will make a recommendation to the City regarding the contractor's final progress payment request and prepare a final progress payment report for submission to the City.

Delivery of As-Builts and Close-Out Documents: W&A will review as-built plans and prepare as-built reports. W&A will assist the contractor in maintaining a field set of as-built plans to be updated daily and delivered to the City upon project completion. W&A will continually document changed field conditions and not rely on the contractor to document as-builts. The Inspector will report and photograph field condition changes. The Inspector will document and keep these as-built conditions on plans on site. W&A will review the contractor's submittal of as-built conditions and compare this submittal to W&A's own documentation. Discrepancies will be discussed, resolved and recorded. Completed as-built plans will be submitted to the City within thirty (30) days of construction completion.

W&A will enforce the provisions of the specifications to require the contractor to submit well-coordinated operations and maintenance manuals, warranties and guarantees, bonds, extra stock and/or other items required by the contract documents such that a timely close-out of the project is implemented. W&A will perform closeout duties including final organization of project files and submit to the City for final approval and assist with the verifying all preliminary notices are satisfied, filing of the notice of completion and release of retention.

Close-Out: W&A will perform closeout duties including final organization of project files and submit to the City for final approval after purging or storing unnecessary documents and assist with the filing of the notice of completion and release of retention.

Warranties and Guarantees: We will track all material warranties and guarantees identified in the specifications and make sure that we receive the required scope of these as well as the correct number of these documents with contact information, product names and manufacturer's representative and contact information. It is recommended that the City include a follow up schedule to have warranty items checked prior to their anniversary date so that any issues can be resolved under the contract warranty. These will be included in a binder as well as electronically stored for the City.

Plant Establishment Period: If there is a landscape maintenance period, W&A Inspector will provide periodic maintenance inspections as specified. Any plant material not thriving will be recommended to be replaced per the contract provisions and new maintenance will be established. Irrigation system coverage and watering times will also be checked and, if any modifications are required, these will be updated in the operations and maintenance manuals for the system prior to acceptance of the maintenance period and turnover of the system to City maintenance and operations staff.

Cost and Schedule Control

Cost Control

W&A administers a program of Quality Assurance/Quality Control (QA/QC) procedures for producing quality work and shall effectively manage and control the work and the budget. Specific procedures include building a plan for the critical items of work coordination, then following the plan. We work with the City and/or Agency to develop a plan to include administrative procedures for managing cost control, meeting funding requirements, materials testing compliance, mitigation measures, compliance with right-of-entry permits, encroachment permits and grant agreements, reviewing and scheduling the work, quality check of all construction calculations, change order drawings, survey notes, change order specifications, construction cost opinions, and weekly and monthly reporting. We then develop a project plan involving input from all the stakeholders and then work the plan.

W&A has numerous and comprehensive procedures in place for providing quality assurance—resulting in effective cost control and budgeting—on our projects. We build a QA matrix for the project to identify and track steps to be taken for compliance with the program. The initial spreadsheet will be compiled and then applied to the specific project depending upon the type and quantity of work. We work closely with the City and/or Agency to comply with the requirements of the project and with our own program. These QA/QC activities generally are in place for cost control, budget management, regulatory compliance, accuracy and the elimination of rework. The areas of focus for QA/QC, as well as the key activity/checkpoints associated with each, are identified below:

Invoices: W&A Invoices: Our Project Administrator will prepare the invoice and update the project budget. Our Office Manager will then review and check hours, verify budget status and submit to the Project Manager/Construction Manager. Our Project Manager/Construction Manager will review the entire invoice and approve for transmission to our client.

Consultant Invoices: W&A Project Administrator will receive invoices and perform a math check. Our Office Manager will then review the invoices, verify budget status and schedule and transmit to the Project Manager/Construction Manager to complete a final review and approve.

Monthly Reports: Progress: Our Project Administrator will collect project cost and schedule information and include this information in the draft report. Our PM/CM will review progress and compare to normal progress curves to identify any potential issues. We use Caltrans models for project progress and compare actuals with each project.

Budget: Every project contains specific elements with a defined budget. These include the construction contract, our contract, executed change orders, subconsultant contracts, etc. We track our budget at every two-week pay period and check versus the projected burn rate from our original or updated proposal. This allows us to make staffing adjustments to maintain budget or to identify the reason for the change and immediately inform our client if we anticipate the need for additional funds.

Schedule: We will review the contractor's schedule each month (or weekly on shorter duration projects) to confirm accuracy and identify potential delays. We work to head off delays and focus our efforts on removing obstacles in the schedule or expediting work to maintain the schedule and not use project float.

Critical Issues: We use the monthly report to identify critical project issues and document our activities or to expedite work to resolve any issues that come up.

Additional QA/QC Activities: Daily Inspection Reports: Our Project Administrator will review the dates, numbering, start and stop time, hours worked and compare with the weekly time sheets. Our Operations Manager will pull five random inspection reports weekly and provide feedback to each Inspector; any areas needing improvement are incorporated into our inspection training program. We issue specific feedback on an ongoing basis to our entire staff regarding the findings and provide direction on the best way to handle issues that arise or to correct problems with specific situations.

On projects where we perform construction management, our Construction Manager will review and sign DIR's each day/week. We publish and distribute an internal inspection training memo to all our staff every other month. This real-time information has resulted in significantly improved quality of our DIR's.

Materials Testing: Every construction project we are involved with generally includes materials that require some form of verification of their suitability or installation process. This is typically performed by a third-party vendor hired by W&A as a subconsultant or by the agency directly. At the beginning of each project, we work with the materials testing company to prepare a testing matrix for the identified materials either through the project plans and specifications or a typical standard (Caltrans, Greenbook, AWWA, etc.). We also identify the types of materials that require a certificate or compliance. We set up the frequency and band of compliance for the testing results. We track the tests daily and identify any failures and make sure that failed tests are documented until satisfactory results are achieved; we then document these final results as well. These are typically witnessed by the Inspector and confirmed by our Construction Manager.

Design Review: We provide a complete design review for each submittal phase, typically 30%, 60%, 90% and 100%. W&A is able to integrate our review for both design and constructability based upon our Project Manager's combined background in both design and construction phase services. We have numerous CM staff who also have hard bid contracting experience and add an enhanced level of quality and consistency to the review process. We provide a full review, cost evaluation and schedule review.

Internal Budget and Scope: W&A includes our budget on all invoices. We also track against the anticipated bi-weekly costs for our payroll runs to monitor the spending. When our services are related to the management of a construction project and the contractor is not meeting schedule milestones or progressing satisfactorily, we will collaborate on methods to regain the time so that the contractor can maintain their original schedule. If they are unable to complete their work within the contract time, we will work to economize our services to maintain our own budget for the project, as possible. We update our client regularly on our budget status and should there be changes in the construction contract that add time, we work with our client on a strategy for our services to comply with our budget or negotiate a revised budget to continue our services through the new completion date.

Oversight of Design, Materials Testing, Survey and/or Environmental Consultant: When we provide project management services, we are often assigned the task of managing the engineering services company. We will establish clear budget scope items and track payment amounts and percentage of progress against these items on monthly invoices. If any out-of-scope work is requested, it is also quantified and added to the contract via an amendment. We do not allow out of scope work to progress without written authority.

Management of Construction Contract Budget: When managing the construction contractor's budget, W&A will use the invoicing process and the project schedule to establish the tracking of time and money. We utilize our weekly meeting to document the work items that the contractor plans to accomplish and compare the planned results with what they complete each week. We do not allow out of scope work to proceed without a contract change order or written notice that the contractor is proceeding at their own risk. We also document the activities of all manpower, equipment and materials for the project so that if a contractor makes a claim at the end of a project, we will have a basis for refuting any claims for additional payment.

Managing Subconsultants: We understand the importance of maintaining a high level of QA throughout the project team. We need to embrace the entire team and implement the same set of standards to meet the needs of the project. Our QA plan incorporates review of all work in

varying gradients to streamline our overall process as it is applied to our scope of work. Using our internal program, the Project Manager or Project Principal will review each sub-consultant's performance with the established company criteria and unique project criteria. We monitor budget, progress and documentation for each sub-consultant's scope of work. We establish the appropriate level of reporting that provides the necessary information but does not create extra work or overly cumbersome administrative tasks that are not necessary. We strive to maintain a high quality but lean operation throughout our quality assurance program.

QA/QC Manager: Finally, W&A utilizes our Quality Control Manager, Carl Wallace, PE, to oversee and manage our Quality Control Program. Carl has 29 years of experience in managing large-scale infrastructure, transportation and water construction programs for various public entities and is highly experienced in managing multimillion-dollar projects during the design and construction phases. He has also managed a significant number of construction management and inspection contracts for numerous city, county and state agencies. Carl takes a proactive approach to the implementation of QC measures and is there to ensure that they are maintained throughout the duration of project. On each W&A project, critical QC information is gathered every working day by the W&A project team and compiled into a tracking matrix. This information is then conveyed weekly to the City's Project Manager, the contractor and W&A Project Manager, Carl Wallace, on the weekly project report and bi-weekly project progress meeting. This ensures that all QC issues are discussed with both parties weekly and the resulting information documented, tracked, assessed and distributed to the City and the contractor over the course of the project. Most important, this method ensures that on a weekly basis all parties are aware of the issues, informed in writing, and therefore responsible for the outcome of the project QC issues at hand.

Schedule Control

W&A has an excellent track record of delivering construction projects for owners on time and within budget. W&A works seamlessly as a team with the City Project Manager, designer and other stakeholders throughout the life of the construction phase. We use three ways to maintain our projects on schedule. These include:

1. Review plans, specifications and bid documents prior to bidding/construction
2. Manage proactively during construction
3. Identify project goals/schedule recovery

The three ways, including tools and processes, to maintain schedule control are woven into our overall Pre-Construction and Construction Phase Activities as described below.

Pre-Construction Activities: When we are involved in a project prior to construction we take this opportunity to review the contract documents (ideally prior to the project going out to bid). We typically review the specifications for completeness and confirm that measure and payment clauses match up with each other. We also check that all items are clearly being paid for in some way and do not conflict with other areas of the plans or specifications. We review bid items to confirm any items with a large volume and/or high-cost items for accuracy. Primarily, we actively review the documents to eliminate any type of conflict that can cause delay. This review typically involves accuracy of underground facilities, permit requirements and third-party activities. The most common delay comes from when there is no power at the site and the team has not completed the establishment of power with the utility company.

Construction Phase: Unfortunately, agencies will frequently bring a CM firm into a project just as the bids are in and the construction contract is being awarded. In these scenarios, we will still work to review the documents and resolve any conflicts we discover as soon as possible (as stated above). Discovering issues at this time is still better than when the contractor brings it up. If an issue is not discovered prior to construction, we then need to address it as a change notice and resolve through the change order process; this is generally more costly.

We track overall construction cost as mentioned above through our monthly reporting. We also track the additional change order costs against the approved budget or contingency amount. We also forecast bid item costs to make sure we are aware of any need for increase of bid items. Any change order work paid for at force account or on a time and material will be monitored daily to assure that we check that they are not adding additional staff, equipment of materials that are not part of the scope and then cost it our against our approved amount.

The main proactive tool we have during construction phase is the project schedule combined with the four-week "look-ahead" schedule which typically looks three weeks ahead and one week back. This allows us to discuss with the contractor each week in our weekly meeting the accuracy of what they have or have not accomplished, and to work together to either remove any impediments to the contractor's progress or gain proper approvals or achieve consensus in the resolution of site issues that arise with the owner and designer. In addition to this we are continually looking at the actual work, the equipment and materials procurement schedule and identifying what potential shortage they may have related to in these areas; we can then present friendly reminders. Most delays are due to poor planning and materials delays. We will stay in contact with suppliers of long lead time items and independently verify the delivery schedule of key items. We will also confirm that the timing provided by the supplier matches up with what the contractor is telling us. The important thing is to know the construction process and be familiar with the equipment, materials and rate of production required to meet the schedule. W&A has construction managers who have worked for agencies and as contractors, which makes them very valuable to our clients. Most of our construction managers have A, B or C contractors licenses as well as field experience. We only provide high quality staff with deep expertise which helps to eliminate many of the

delay related issues. **The proactive approach with experienced field staff is the prime reason we have such an excellent record in delivering our projects on schedule**.

Schedule Recovery: Despite the activities described above, there may come a time when a project is impacted by a schedule delay tied to the contractor. When a job is in a delay, we need to work with the owner to identify the overall project objectives and then dig into the schedule and focus on achieving those goals as efficiently as possible. The critical path of the schedule is the primary target where we focus our efforts. Resequencing can cost money but may be more cost effective then a delay or lengthy claim to resolve at the end of the project. A complete review of the schedule and work arounds or resequencing can sometimes be a net gain for the contractor and the client. We use our practical knowledge and experience, based on decades in the field, to apply effort to resolving—or worst-case mitigating—the delay and clearing out any obstacles to that process or operation. W&A will work with the City at methods to recover time and cost and reach agreement on our approach prior to implementing any recovery plan.

W&A's Strength in Construction Management and Inspection Services

Expertise: W&A and its staff have the background, resources, track record and relevant experience for successfully delivering public works services to the City of Gardena as well as other cities in southern California. We have provided project management, construction management and inspection as a major component of our service to clients since we were founded. We have developed and continuously improved our management systems and modify them to accommodate various funding types and the typical CIP construction projects for the specific purpose of successfully delivering Capital Improvement Projects within a City in accordance with state and local requirements. W&A also understands the importance of having our staff be experts in their field. Since our defined area of focus is construction services, we provide the appropriate resources to ensure that we offer services of the highest standard available for our specific area of expertise. This includes our internal documentation system, our new and professional equipment and our staff training and recognition systems that allow us to attract and retain some of the best people in the industry.

Experienced and Professional Staff: Our goal is to provide our clients with experienced engineering and construction management professionals who possess extensive street, water and sewer expertise. We also strive to provide staff that is registered as appropriate to the level of complexity and type of projects being implemented. We have Project Managers and Construction Managers who are licensed Engineers and have Contractor licenses. Many of our primary inspectors have both contracting background and inspection certifications. These certifications include APWA, ACIA, QSP, and D-1, D-2, D-3, D-5, T-1, T-2 and T-3 certifications for water distribution and treatment. We also have staff that are Certified Cross Connection Specialists, Certified Welding and Structural Steel Inspectors, NASSCO Certified Cured-in-Place Pipe Inspectors, NACE Certified Coating Inspectors and numerous inspection staff with reinforced concrete and asphalt inspection certificates through ICC and ACI. They also have experience with testing related to water projects, including hydrostatic testing, chlorination/de-chlorination, dewatering and bac-t tests. All our staff has recent training in SWPPP/NPDES and other applicable areas of expertise.

Our full-time field staff members are provided a company Ford F-150 Super-Cab or Chevy Silverado Super-Cab vehicle with fuel and maintenance cards. They take these vehicles home at night for security and to not burden the client with additional vehicles to house at their facility. We provide cell phones that will connect with the client staff phones and have unlimited minute plans, so our staff does not need to worry about time usage. We provide staff with digital cameras with adequate storage to document the projects each day. We also provide staff with laptop computers and mobile air cards so they will be able to document their activities as they go, maintain their project records and daily inspection reports as they occur and distribute these reports immediately. We also provide the necessary tools for our field staff to do their job such as: heat gun, survey level, smart level, measuring wheel, tape measure, peep site and flexible rod, and probe. Of utmost importance is the provision of safety equipment (glasses, reflective vests, hard hats, jacket, cones, flares, first aid kit and fire extinguishers). Our goal is to provide our clients with experienced, safe and fully equipped staff so that they are confident in who we provide. This allows the client to focus, without distractions, on doing their jobs of managing their overall construction program.

Resources: W&A's large local pool of engineering professionals, construction management and inspection staff enable us to continually attract quality people through employee referrals. This continuous pool of qualified staff allows W&A to provide the high-quality resources to quickly respond to our clients' needs. We have the resources to consistently deliver qualified, friendly, well-trained staff to our clients. We interview new staff regularly to maintain our knowledge of local and qualified available individuals ready to come on board for the next assignment.

Summary: The W&A team has excellent similar professional and field-oriented qualifications, relevant local experience and familiarity with the geographic area of Gardena. With our corporate office located in the center of Corona and our steady growth and expansion in the region, we are more than capable of managing the projects contemplated by the City. In fact, we are the perfect fit in size, expertise and capabilities—we are large enough to successfully provide the right staff at the right time, yet small enough to make quick decisions and nimble adjustments which ensures the best quality service to support the City with their traffic signal upgrade project. We pride ourselves on the fact that our President and Principal, Carl Wallace, PE, is always available and responsive by phone, in person and/or email to discuss project progress, questions, etc. Our team is eager to deliver high quality projects and staffing solutions to the City.

Construction Management and Inspection Services for

City of Gardena—170th ST. STREET IMPROVEMENT PROJECT JN 944

Construction Project Period by Months

Precon

Construction 30 WD's (2 Months)

NTP

Closeout

2022

Allocation	Staff	Role	Sept	OCT	Nov	Dec	Jan	Total Hours	Hourly Rate	Cost
			0	1	2					
Wallace & Associates Staff										
As-Needed	*Carl Wallace, PE*	*Project Principal*	2	2	2	0	0	**6**	**$190**	***$1,140***
As-Needed	*Jonathan Smith, PE*	*Project/Construction Manager*	8	56	40	0	0	**104**	**$190**	***$19,760***
As-Needed	*Cesar Ramirez, EE*	*Senior Construction Inspector*	8	160	80	0	0	**248**	**$140**	***$34,720***
As-Needed	*Teresa Rodriguez*	*Project Administrator*	15	60	45	0	0	**120**	**$84**	***$10,080***
Direct Cost Budget (Reproduction, Postage, Shipping, Incidentals)										***$0***
		Total of Hours	33	278	167	0	**0**	**478**		
									SubTotal CM/CI Fee	***$65,700***
SUBCONSULTANTS										
As-Needed	*Dennis Janda, Inc.*	*Surveying*							*Base scope of work*	***$8,200***
As-Needed	*Dennis Janda, Inc.*	*Surveying*							*As needed—Prepare and process up to 20 Corner Records*	***$3,660***
As-Needed	*Leighton Consulting, Inc.*	*Materials Testing*								***$25,000***
									SubTotal Subconsultant Fee	***$36,860***
									5% Subconsultant mark-up	***$1,843***
									Total Subconsultant Fee	***$40,520***
									Total Estimated CM/CI Fee	***$106,220***

Notes:

1. No premium inspection time is anticipated. Any inspection overtime/Saturday work would be charged at 140% of base rate and any inspection double time, Sundays and Holidays would be charged at 180% of base rate.

2. Hours based upon a 30 working day schedule provided in the RFP. Should schedule change additional fees may be requested.

Section 7 – Appendix

Resumes

Carl Wallace, PE

Principal-in-Charge

Mr. Wallace has over 30 years of experience in managing public works infrastructure, water and construction programs for several public entities and is highly experienced in managing large scale projects during design and construction phases. He brings strong understanding of local, state and federal funding requirements, Caltrans LAPM, Greenbook Standards. Since starting W&A in January of 2010, Carl provides project and contract management services, as well as oversees all QA activity. He ensures the success of each project and provides support to both clients and personnel. His key responsibilities have included managing capital construction projects ranging from small projects to major programs with construction values up to $500M. Specific responsibilities have included staffing, management, project delivery, on-time performance, adherence to jurisdictional requirements, hiring and managing other consultants for tasks involving testing, project controls, inspection, resident engineering and claims management, and he has personally performed these same duties for a variety of local, state and federal projects. Prior to forming Wallace & Associates, Carl worked for over 11 years managing construction contracts at SANDAG in San Diego.

Experience
30 years

Education
BS, Engineering; San Diego State University

Registrations
Registered Civil Engineer, CA #C59307

Certifications
Caltrans Resident Engineers Academy

FTA Grant Management

40-hour HAZMAT Training

10-hour OSHA Training

Affiliations
American Society of Civil Engineers

American Public Works Association

Construction Management Association of America - Past Board Member

American Water Works Associates

American Construction Inspectors Association

City of Garden Grove - On-Call Construction Inspection Services
- Harbor Boulevard Traffic Signal ($500K)
- Valley View Street Improvements ($250K)
- Brookhurst Street Rehabilitation – Lampson to Chapman ($1.6M)
- Euclid Street Rehabilitation – Lampson to Chapman ($2M)
- Euclid Street/Garden Grove Blvd/Woodbury Avenue Rehabilitations and Palmwood Sidewalks ($3.8M)
- Knott Street Rehabilitation ($2.2M)
- Magnolia Street Rehabilitation ($3.1M)

City of El Monte - On-Call Construction Management and Inspection Services
- Traffic Signal Installation at Santa Anita Avenue and McGirk Avenue, CIP 802 ($400K)

City of Manhattan Beach - Construction Management and Inspection Services
- Sepulveda Boulevard at Marine Avenue Traffic Signal Improvement Project ($1M)
- Citywide Sidewalk Replacement Project ($1M)
- Citywide Manhole Rehabilitation Project ($500K)

City of Chino - Project Management and Support Services
- FY 2018-19 Street Rehabilitation and TSM at Riverside Drive ($2.5M)
- 3-System Storm Drain at Ross, Walnut & Magnolia Avenues ($2.6M)
- Local Street Overlay -Walnut & East End Neighborhoods ($1.5M)
- Magnolia Avenue Storm Drain at Salem Street & Carissa Avenue ($700K)

City of Menifee - On-Call Project Management, Inspection Services and Labor Compliance
- Antelope Road and Garbani Road Traffic Signal Upgrades ($300K)
- Ash Street Improvements ($550K)
- City-Wide NPDES Inspections
- Safe Route to Schools ($1M)

City of Irvine - As-Needed Construction Management and Inspection Services
- Irvine Boulevard Improvements ($12M)
- Irvine Boulevard Pedestrian Bridges ($4M)
- Marine Way Road Improvements ($250K)
- Great Park Development Project ($400M)
- Five Points Development Project ($100M)

City of Corona - On-Call Project Management, Construction Management and Inspection
- Foothill Parkway Widening Tamarisk Lane to Teddy Bear Lane ($1.75M)
- Green River Road Widening and Waterline Project ($6.2M)
- Main Street Metro Development ($150M)

City of Fullerton - On-Call Construction Management and Inspection Services
- 4300 N. Harbor Boulevard ($2.5M)
- Chapman Avenue Réhabilitation ($1.5M)
- Laguna Booster Pump Station Upgrades ($700K)
- Valencia Drive Infrastructure Improvements ($1.5M)

City of Oceanside - Various On-Call Inspection Services
- Mission Avenue Fiber and Traffic Signal Modification Project ($750K)
- FY 19-20 Overlay Project ($4.6M)
- Oceanside East Shopping Center Project ($3M)
- Various land development projects ($ Varies)

City of Lake Forest - On-Call Construction Management, Construction Inspection and Contract Administration
- 2020 Slurry Seal for Arterial Streets ($1.2M)
- 2021 Slurry Seal for Neighborhood Streets ($1.3M)
- Portola Park Project ($5.1M)
- Peachwood Park Renovations ($700K)

City of Huntington Beach - On-Call Construction Management and Inspection Services
- 2019 Pavement Rehabilitation ($2M)
- Edgewater Sewer Lift Station Project ($3.5M)
- Ocean View Estates (OVE) Parking Lot Expansion ($750K)
- Slater Lift Station Project ($4M)
- Traffic Signal Improvements at the intersections of Main St at 17th Street/Utica Avenue, and Bolsa Chica Street at Pearce Drive ($540K)

City of Laguna Niguel - Various On-Call Project Management, Construction Management and Inspection Services
- Crown Valley Community Park Improvements Tier 1 & 2 ($15M)
- Salt Creek Trail Enhancements ($600K)

Jonathan Smith, PE

Senior Project Manager/Senior Construction Manager

Mr. Smith is a hands-on, results-oriented leader with a proven history of productivity and an ability to take complex issues and get to a consensus quickly. During his 30 plus-year career, he has worked for numerous agencies throughout Southern California in roles varying from Director of Public Works to Senior Civil Engineer. Jonathan is experienced at analyzing complex budgets and technical reports, and developing and revising contracts and legal documents using federal, state, and local laws, rules and regulations. He has experience related to construction management and design of water/wastewater projects, roadways, sound walls, retaining walls and buildings. He has served as Project Manager, Resident Engineer, Construction Scheduler, Estimator and Construction Inspector. Jonathan has been responsible for roadway design and construction, supervision of technical and field staff, change order negotiation and preparation, contract administration, critical path schedule reviews, storm water pollution prevention plan preparation and compliance, claims mitigation, selection committee interviews, cost estimate preparation, reviewing and designing structure-related shop drawings and assuring compliance with plans, specifications and various agency regulations, presentations to city councils and other stakeholder groups. He is a highly effective manager who possesses the ability to develop both entry-level and experienced staff into participatory teams by using strong organizational, interpersonal and critical thinking skills.

Experience
30 years

Registrations
Registered Civil Engineer, CA #C61253

Education
Civil Engineering, San Diego State University

Affiliations
American Public Works Association, San Diego and Imperial Counties Chapter - Board or Director since 2004

American Society of Civil Engineers

Engineers without Borders, San Diego Chapter

Construction Management Association of America - Board Member since 2011

Various Traffic Signal Projects, City of Menifee, CA
Director of Public Works for numerous traffic signal projects totaling over $19M throughout the City. Projects included:

- HSIP7 Traffic Signal Interconnect West CIP 16-07 ($763K) – Installed a new wireless interconnect system including radios and upgraded communication equipment to improve traffic safety and operations via optimized traffic signal timing coordination for the west side of Menifee.
- HSIP7 Traffic Signal Interconnect East CIP 16-08 ($611K) – Installed a new wireless interconnect system including radios and upgraded communication equipment to improve traffic safety and operations via optimized traffic signal timing coordination for the east side of Menifee.
- HSIP8 Citywide Pedestrian Safety Improvements CIP 17-05 ($942K) – Installed a pedestrian countdown signal heads, APS push buttons, ADA - compliant curb ramps and crosswalk striping at signalized intersections throughout the City of Menifee.
- Scott Rd / Murrieta Rd TS CIP 19-06 ($1.15M) – Installed a new traffic signal at this 3-way intersection, widening the street to add dedicated right and left lane turn pockets from Scott Road onto northbound Murrieta Road, and a dedicated right turn lane pocket on Murrieta Road onto westbound Scott Road.
- Menifee Rd/Holland Rd CIP 20-06 ($475K) – Installed a new traffic signal at this existing 4-way intersection. No street widening or right-of-way was required with this project.
- Menifee Rd/Camino Cristal CIP 20-07 ($475K) – Installed a new traffic signal at this existing 4-way intersection. No street widening or right-of-way was required with this project.
- McCall Rd/Hospital CIP 19-04 ($348K)
- Murrieta Rd/Park City Blvd. CIP 19-05 ($337K)
- Holland Rd/Haun Rd PW-TS-003 ($400K est.)
- Holland Rd/Hanover Rd PW-TS-004 ($400K est.)
- Hwy 74/3rd Street PW-TS-005 ($400K est.)
- Hwy 74/Tradewinds PW-TS-006 ($400K est.)
- Menifee Rd/Craig Rd PW-TS-007 ($400K est.)
- Murrieta Rd/Rouse Rd PW-TS-008 ($400K est.)
- Murrieta Rd/Sun City Boulevard PW-TS-009 ($400K est.)
- Antelope Rd/Mt. San Jacinto College Entrance PW-TS-011 ($400K est.)
- Heritage Lake/Grand PW-TS-012 ($400K est.)
- Scott Rd/Leaon Rd PW-TS-013 ($400K est.)
- McCall Rd/Grosse Pointe PW-TS-014 ($400K est.)
- Menifee Rd/La Piedra Rd PW-TS-015 ($400K est.)
- Menifee Rd/Lake Fork PW-TS-016 ($400K est.)
- Cherry Hills/Peeble Beach PW-TS-017 ($400K est.)
- Holland Rd/Sherman Rd PW-TS-018 ($400K est.)
- McCall Rd/Antelope Rd PW-TS-019 ($400K est.)
- Menifee Rd/Garbani Rd PW-TS-020 ($400K est.)
- Murrieta Rd/Chambers Rd PW-TS-021 ($400K est.)
- Murrieta Rd/La Piedra Rd PW-TS-022 ($400K est.)
- Murrieta Rd/Garbani Rd PW-TS-023 ($400K est.)
- Murrieta Rd/Holland Rd PW-TS-024 ($400K est.)
- Evans Rd/Craig Rd PW-TS-025 ($400K est.)
- Evans Rd/Holland Rd PW-TS-026 ($400K est.)
- Bradley Rd/Garbani Rd PW-TS-027 ($400K est.)
- Bradley Rd/Rim Creek Path PW-TS-028 ($400K est.)
- Bradley Rd/Lazy Creek Rd PW-TS-029 ($400K est.)
- Bradley Rd/Peeble Beach Dr PW-TS-030 ($400K est.)
- Bradley Rd/Cherry Hills Blvd PW-TS-031 ($400K est.)
- Zeiders Rd/Keller Rd PW-TS-032 ($400K est.)
- Haun Rd/Craig Rd PW-TS-033 ($400K est.)
- Haun Rd/Wickered Rd PW-TS-034 ($400K est.)
- Antelope Rd/Albion Ln PW-TS-035 ($400K est.)
- McCall Rd/Aqua Rd PW-TS-036 ($400K est.)
- Murrieta Rd/Craig Rd PW-TS-037 ($400K est.)
- Goetz Rd/Ave Roble PW-TS-039 ($400K est.)
- Goetz Rd/Vista Way PW-TS-040 ($400K est.)

Staff Augmentation, Various Project Management Services, City of El Monte, CA
Project Manager for a variety of capital improvement projects including street, traffic signal and bike pathway projects within the City. Activities include preparing RFP's for professional services, providing bi-monthly updates with status reports including budget, schedule and critical items, prepared council items and attended council meetings.

Director of Public Works/City Engineer, City of Menifee, CA
Planned, organized, directed and integrated the City of Menifee's public works and engineering activities and functions; provided expert professional assistance to City management in areas of expertise, including engineering, municipal water, wastewater collection, stormwater, street and landscape maintenance; and performed related duties as required and took a leadership role in implementation of the goals and objectives of the Public Works and

Jonathan Smith, PE

Senior Project Manager/Senior Construction Manager

Engineering Department. Oversaw/managed more than $6M of SB1-funded projects combined with $8M in local special sales tax funds. The projects included various street maintenance projects, including slurry seal, cape seal, Class I bike paths, Class II bike lanes, and Class IV separated bike lanes. Designed and constructed various traffic-calming improvements on existing streets throughout the 46.6 square mile City, including:

- Conditioned 217-acre master-planned Legado development, which consisted of 1,016 single-family homes, to provide roundabouts and curve linear streets with curb bulb-outs at intersections to increase safety for all modes of travel.
- Designed a solution at an intersection to eliminate rear-end collisions by utilizing a glue-down protected berm, which also avoided impacting the railroad right-of-way.
- Improved pedestrian safety by designing and constructing traffic-calming improvements that popped out curbs and installed rectangular rapid flashing beacons (RRFB) at park entrances.
- Developed unique solutions to add additional bike lanes within the existing right-of-way. One example is the Goetz Road resurfacing and restriping improvement project that utilized road dieting to eliminate a travel lane and add a two-mile bike path. Another example is the McCall Road and Newport Road Bike Lane Project, which utilized road dieting to reduce lane widths on a four-lane major road to gain enough width to construct over a mile of buffered bake lanes. This was accomplished without negatively impacting roadway capacity.
- Due to various budget challenges, many schools are eliminating bus programs, which has resulted in larger traffic volumes. Jonathan utilized a traffic-calming measure called “Leading Pedestrian Interval” (LPI). This gives pedestrians the opportunity to enter an intersection three to seven seconds before vehicles are given a green indication, allowing pedestrians to better establish their presence in the crosswalk before vehicles have priority to turn left. LPI’s provided increased visibility of students crossing the street, and enhanced safety.

Other services provided to the City included:

- Calibrated with Caltrans, County of Riverside and other stakeholders to acquire funding for infrastructure projects.
- Managed a successful highway improvement safety grants program that acquired over $5M in grant funding to construct various traffic safety improvement projects.
- Directed and oversaw engineering and public works staff of 32, with 15 contractors, consultants and engineering firms.
- Implemented 1,000+ policies and procedures that led to the establishment of the City’s first street maintenance section of the Public Works Department.
- Developed City standards, guidelines, policy and procedures for efficient entitlement processing and final engineering of land development projects.
- Assisted in the delivery of various economic development projects.
- Implemented a $256M CIP program, which included the Newport Road/I-215 Interchange Project ($47M) and the Scott Road/I-215 Interchange Project ($57.8M).
- Negotiated development agreements and conditions of approval with developers to create projects that met the goals of the City Council and expectations of the community.
- Implemented emergency operating procedures to manage emergencies.
- Interfaced with the public and City Council regarding problems or questions about projects and infrastructure.
- Maintained positive working relationships with Fish and Wildlife, Army Corps of Engineers, Caltrans and other agencies.
- Reviewed and prepared long-range goals and objectives to meet City Council goals and objectives.

Various Capital Improvement Projects, City of Poway, CA

Managed, planned, organized and supervised professional engineering work for a variety of Capital Improvement Projects for the City of Poway’s Development Services Department, including the design of streets and street improvements, sidewalks, sewer and storm drainage systems, water systems, parks, trails, and public facilities. Responsible for accurately tracking project expenditures, negotiating change orders, and monitoring project budgets. In addition, managed, directed, supervised and coordinated the development of cost estimates, construction specifications, bids documents and implementation plans. Also responsible for the development and management of the City’s consultants.

Staff Augmentation, Municipal Project Management, Inc., City of San Marcos, CA

Project Manager for the $900K design contract to construct a $20M capital improvement project. The project included negotiating a development agreement with a developer, negotiating a purchase agreement with the San Marcos Unified School District and managing the public bidding and construction of a 750K cy grading and improvement project. Provided the City with staff augmentation, senior-level project management, plan checking and construction management services.

Regional Construction Manager, Nolte Associates, San Diego, CA

Construction/Project Manager on complex capital improvement projects for Nolte Associates, now known as NV5. Responsibilities included scheduling complex capital improvement projects in logical steps and budgeted time required to meet deadlines. Determining manpower requirements and assigned inspectors/construction managers to meet project demands. Managed the inspection and reviewed projects to monitor compliance with contract plans, specifications and various state requirements, including, but not limited to, those of the Regional Water Quality Control Board. Interpreted and explained plans and contract terms to administrative staff, workers and clients, representing the owner or developer. Prepared contracts and negotiated revisions, changes and additions to contractual agreements with architects, consultants, clients, suppliers and subcontractors and obtained all necessary permits and approvals.

Cesar Ramirez, EE

Senior Construction Inspector

Mr. Ramirez is a Civil Engineering professional with over 25 years of construction and inspection expertise as well as budgeting, planning, inspection and staff management experience. He is versatile and very capable at providing inspection for every type of construction and has spent most of his career on projects throughout Southern California. Cesar's experience includes numerous CIP projects including traffic signal upgrades, landscape, street and roadway rehabilitation, water and sewer lines, wells, and pressure reducing stations, and parks. His roadway experience includes rubberized asphalt, cement paving, base paving, recycled asphalt base, aggregate base, lime-treated and cement treated base, medians and intersections. He is well versed in Caltrans, Greenbook and other regulatory standards, plus he understands the recordkeeping requirements and tasks to comply with the various state and federal funding requirements. Cesar has provided inspection and record keeping for numerous FHWA Federally funded projects.

Experience
25 years

Education
Santo Tomas de Aquino University, BSCE

Certifications
Water Distribution D1

Various Traffic Signal Improvements, City of Culver City, CA
Senior Construction Inspector for the $630K traffic signal rewiring projects which included **traffic signal construction** at Washington Boulevard and Cattaraugus Avenue and left turn modifications at Sepulveda Boulevard/Jefferson Boulevard/Playa Street. Duties included pre-construction photos, daily inspection reports, weekly statement of working days, quantity calculations, RFI's, job site photos, as-builts, final walk through and close out.

Traffic Signal Installation at Santa Anita Avenue and McGirk Avenue, CIP 802, City of El Monte, CA
Senior Construction Inspector providing technical professional services related to the $400K construction of the following: curb, ramp, and pavement updates on Ramona Boulevard and Tyler Avenue; Class II Bike Route on Santa Anita Avenue; video detection updates; **traffic signal updates at various intersections;** wayfinding sign installation at various intersections; bike rack installation at various intersections for the Santa Anita Active Transportation Program (ATP) Project.

Magnolia Street Rehabilitation, City of Garden Grove, CA
Senior Construction Inspector for a $3.1M one-mile roadway rehabilitation project with local funding on Magnolia Street from Garden Grove Boulevard, crossing under the SR-22 Freeway to the end of the off ramps. Project features included **traffic signals** and ADA ramps at Magnolia and Trask intersection, coordination with Caltrans for work under SR-22 freeway, installation of 2" - 96" diameter stainless steel pipes of about 150' for storm water retention which were connected to sump pumps near the low point at the freeway, dig outs for full section rehabilitation, used 5% cement treated base which included grinding and mixing of the old roadway asphalt, concrete medians, driveways, sidewalks and ADA ramps. Duties included pre-construction photos, daily inspection reports, weekly statement of working days, quantity calculations, RFI's, coordination with materials testing firm, job site photos, as-builts, final walk through and close out.

Euclid Street/Garden Grove Blvd/Woodbury Avenue Rehabilitations and Palmwood Sidewalks, City of Garden Grove, CA
Senior Construction Inspector for the $3.8M street rehabilitation projects throughout the City. Streets under construction were Euclid Street, from Chapman Avenue to Katella Avenue; Garden Grove Boulevard, from Brookhurst Street to Nelson Street; and Woodbury Road, west of Harbor Boulevard. To facilitate construction work, traffic on Euclid Street and Garden Grove Boulevard was reduced to one lane. The improvements consisted of the removal and construction of uplifted median curbs, gutter, sidewalk, and wheelchair ramps**; traffic striping**; raised pavement markers; and asphalt concrete base and surface. The work resulted in an improved roadway surface and minimize maintenance efforts. On Palmwood Drive, from Patricia Drive to Vegas Way, improvements consisted of constructing a 4' wide sidewalk on both sides of the street. Inspection duties include DIR's, photo records, coordination with project manager, traffic control, Weekly Statement of Working Days, RFI's, progress payments and quantity takeoffs.

Doran Street Rehabilitation, City of Glendale, CA
Senior Construction Inspector for $3.9M roadway rehabilitation project for about one mile on Doran Street (two lanes) from Brand Avenue to Adams Street. Project features included four intersections with **new traffic signals**, ARHM paving, type II slurry seal on side streets. Project also included improvements on Jackson Street from Doran to Monterey (300') ADA ramps at the intersections of Jackson and Kenwood Place. Part of the project included FHWA funding and record keeping requirements for daily inspection reports, progress payment quantities and employee interviews. Duties included pre-construction photos, daily inspection reports, weekly statement of working days, quantity calculations, RFI's, coordination with materials testing firm, job site photos, as-builts, final walk thru and close out.

City Wide Street Light Upgrade, City of Corona, CA
Provided construction inspection during the replacement of inefficient, high pressure sodium streetlights with new **LED streetlights**, as well as install a lighting control system that will be used for proactively maintaining streetlights. Approximately 8,000 streetlights throughout the City were replaced in four phases over a six-month period. Inspection occurred at several sites in one shift with up to six contractor crews working throughout the City. The project was funded by special district property taxes that can only be used for streetlight operation and maintenance, as well as Gas Tax revenues.

Lakewood Boulevard Street Improvements, City of Downey, CA
Senior Construction Inspector for the construction of **right turns, traffic signals, relocation of So Cal Edison poles**, relocation of water lines, new streetlight poles, curb and gutter, cold-milling and overlay of existing lanes and striping. Responsibilities included performing daily inspections, administering contract documents, conducting weekly progress meetings, processing submittals, request for information and clarification, change orders and progress payments, generating final punch lists and monitoring the contractor's schedule. Other duties involved documenting the work via daily reports including City's excel forms and digital photography, and coordinating with various agencies, utilities and residents.

Knott Street Rehabilitation, City of Garden Grove, CA
Senior Construction Inspector for $2.2M roadway rehabilitation project. Improvements consisted of FDR reclamation and cement treatment, full depth asphalt replacement, replacement of curb and gutter, bus pad and handicap ramps**, installation of video detection system, traffic signal detector loops**,

and installation of irrigation and landscaping. Project included FHWA federal funding requirements with Caltrans local oversight. Duties included pre-construction activities, permits, administering the contract, inspecting the work of various contractors, documenting the work via daily reports and digital photography, ensuring quality control, verifying quantities, conducting weekly progress meetings, processing control documents such as RFI's, submittals, progress payments, certified payrolls, negotiating and managing change orders, providing field fixes to design issues and monitoring schedules.

Valley View Street Improvements, City of Garden Grove, CA
Senior Construction Inspector for $250K of street work that included full depth asphalt replacement, cement treatment base, curb and gutter, handicap ramps, irrigation and landscaping.

Landscape Maintenance (LMD) 84-2 Zone 14 Areas 1-4 Landscape Renovations Project, City of Corona, CA
Senior Construction Inspector for this $200K project which consisted of clearing and grubbing vegetation, trees, irrigation heads and lateral lines in landscaped planters and parkways as specified in the plans; perform soil prep, finish grading, weed abatement, furnish and install new irrigation and plant materials, and trees and protect in place existing trees and vegetation not in contract. Zone 14 was established to fund the landscape maintenance of parkways and medians along portions of Norco Hills Parkway, Village Loop, Parkridge, Parkview and McKinley. Inspection of irrigation removal, the installation of new irrigation valves, drip irrigation per zone, weed abatement, plant delivery and layout, 30/60/90/120-day plant maintenance review, 120-day plant establishment period for each phased area.

Landscape Maintenance District (LMD) 84-2 Zone 7 and 10 Landscape Renovation Project, City of Corona, CA
Senior Construction Inspector for this landscape renovation project. In 2016 and 2017, the City performed approximately 500,000 square-feet of landscape renovations in various landscape maintenance districts in Corona, including LMD 84-2 Zone 7 and 10. These renovations were conducted in part due to drought conditions in the State of California, which resulted in changes to water use regulations and the need to increase water efficiency outdoors. Another factor for the projects was the need to replace plant material and irrigation systems, which were beyond their useful life. Lastly, due to the funding for the landscaping of these areas coming from special assessments on property taxes, the projects were also performed to help contain costs and improve the financial sustainability for the districts. The areas selected in the initial project were generally parkways grouped by the area fed by a water meter. Created plant palettes to take advantage of low water use plants that work well within Corona's climate and to also maintain visual consistency throughout the City. The project renovated approximately 20,000 sq ft of landscaping between the two zones.

FY 18/19 Citywide Paving Program, City of Corona, CA
Senior Construction Inspector for $1M, annual roadway rehabilitation project with local funding for sectors of the City. Project features included removals, milling, manhole and water valve adjustments, curb and gutter repairs, asphalt paving and slurry seal. Duties included pre-construction photos, daily inspection reports, weekly statement of working days, quantity calculations, RFI's, coordination with materials testing firm, job site photos, as-builts, final walk thru and close out.

Sierra del Oro Water Treatment Plant Landscape Renovations Project, City of Corona, CA
Senior Construction Inspector for this CIP landscape renovation project which will repair the substantial damage to the landscaping, roof and communication site equipment from the 2017 Canyon Fire which damaged the Water Treatment Plant. The design consists of rehabilitating approximately 70,000 sq ft of the site, including the existing irrigation system and installing cobble hardscape, removing and replacing a failing retaining wall, and installing plant materials to act as a fire break to help reduce the potential for fire damage in the future.

2017 Street Pavement Maintenance and Rehabilitation Project, City of Corona, CA
Senior Construction Inspector for the $2.8M project which consisted of pavement rehabilitation along Main Street, River Road, Lincoln Avenue and Enterprise Court for 18.2 lane-miles total.

Various Water Related CIP Projects, Southern CA
Construction Inspector responsible for performing daily inspections, administering contract documents, upholding code requirements, conducting weekly progress meetings, processing submittals, request for information and clarification, change orders and progress payments, coordinating with various agencies, utilities and residents, generating final punch lists, ensuring traffic control, monitoring the contractor's schedule, maintaining public relations and documenting the work via daily reports and digital photography. Projects included:

- City of Ontario – Installation of 17,440' of 24" CML/C pipe and 5,350' of 42" CML/C pipe, including boring operations under 60 Freeway, Mission and Guasti Avenues railroad tracks
- City of Ontario – Construction of two pressure reducing stations
- Jurupa Community Services District – Installation of sewer lines, water mains and 1" copper services for 30 new tracts
- Golden State Water Company, West District, Gardena – Construction of two 1.5 MG steel tanks and yard piping including grading and footings

Construction Inspector, Various Locations, CA
As Construction Inspector responsibilities included daily inspections, administering contract documents, upholding code requirements, conducting weekly progress meetings, processing submittals, request for information and clarification, change orders and progress payments, coordinating with various agencies, utilities and residents, earthwork calculations, generating the final punch list and monitored the contractor's schedule. Maintained documentation of the work via daily reports, construction forms and digital photography. Projects included:

- City of Ontario/Chino Basin Desalter Authority – Construction of a 42" CML&C domestic water pipeline on Milliken Avenue
- City of San Juan Capistrano – Directional drilling construction of a 14" HDPE pipe under the San Juan Capistrano River
- City of West Hollywood – La Cienega Boulevard and Melrose Avenue street paving
- City of San Juan Capistrano – On-call Inspector, several roadway paving and slurry CIP projects inspected
- Chino, California Institution for Men – Double box culvert, pre-cast bridge, 6", 14", 18" and 24" C-900, 6" brine line and paving

Teresa Rodriguez

Project Administrator

Ms. Rodriguez has over 15 years of construction contract and project administration experience in the public works and private development sectors. She brings strong proficiency in the use of Construction Management Project Control systems and software for construction project administration. Her strength lies in her ability to complete a wide range of project-related responsibilities with a strong understanding of the construction process. She is knowledgeable in assisting on projects from design through the completion of construction. Teresa sets up and maintains the operable file structure, assists in preparing design consultant Request for Proposals and assists in bidding of projects and prequalification's of bidders by conducting reference checks, monitoring contractor's compliance, prepares and processes sub-consultant agreements, data collection, processing, scheduling, tracking and reporting. Additional responsibilities include coordinating weekly construction progress meeting, preparing weekly agenda's and meeting minutes, preparing project exception notices, filing the exception notices with the County, processing contractor, submittals, requests for information and change orders, preparing and processing bid documents, conditional and unconditional lien releases, and tract preliminary notices, and preparing and filing notice of completion with the County. Teresa has worked with utility companies in processing contracts and invoicing. She processes new contracts and purchase orders, coordinates and sets up project site events and meetings, and verifies and tracks contractor and subcontractor insurance information. Teresa handles all project accounting such as preparing and processing billing, invoicing, accounts receivable and contract close-out items and as well as processing all expense reports, review and process certified payroll and labor compliance documents. She also brings an understanding of labor compliance monitoring for federally funded projects.

Experience
15 years

Education
High School Diploma

Bush Street Bicycle Boulevard, Water Improvements and Sewer Improvements, City of Santa Ana, CA
Project Administrator for the $2.5M Bush Street Bicycle Boulevard Project which incorporates bicycle enhancements and traffic calming measures intended to connect neighborhoods to the Civic Center using Complete Street and Bike Boulevard concepts. The improvements will include landscaping and updated signage and roadway markings. The project comprises a bicycle boulevard stretching along Bush Street from Civic Center to 17th Street, and water and sewer improvements from 8th Street to 11th Street. In addition to the replacement of the water main and sewer maintenance holes, the street enhancement consists of traffic circles and/or bulb-outs at seven street intersections, along with landscaping, and updated signs, striping, and markings. Duties include assisting with reviewing inspector daily reports for accuracy and invoicing. Maintains project files and documentation.

Crown Valley Community Park, Tier 1 Recreation Improvement and Tier 2 Entry Improvement, City of Laguna Niguel, CA
Project Administrator for this $5M community park improvement project. Tier 1 project features included new amphitheater, public restrooms, splash pad, playground equipment, tree removal, mass grading, roadway and utility improvements, stage lighting, pathway lighting, street lighting, storm water BMP placement and compliance, fencing, railing, specialty stage canopies and various community art projects incorporated throughout the project. Duties included project administration, progress payment application and preparation of progress reports.

Great Park Development, City of Irvine, CA
Project Administrator supporting two W&A Project Managers for the design and construction of City owned improvements in support of the 1,200-acre Great Park development. Duties include administration and documentation support for two Project Managers, coordination City CIP administration staff and City Great Park administration staff, processing correspondence, submittals, contracts, contractor progress payments, project schedule, budgets and weekly updates for projects that develop the City owned portion of the Great Park (previously El Toro Military Base.) Also responsible for certified payroll and monitoring contractor labor compliance. This exciting premier project will house the new training facility for the Anaheim Ducks Professional Hockey team and a new four rink sports complex for skating and hockey tournaments. Select projects include:

- Great Park Western Sector Landscape Project ($3M)
- South Lawn Pump Station Enclosure Building Improvements ($250K)
- Basin 6, Basin 1 & Basin 3 Projects ($100K)
- Portable Restroom Building Relocation ($85K)
- AT&T Conduit at Festival Site ($80K)

North Cajon Boulevard Street Improvements, City of San Bernardino, CA
Project Administrator on this $740K ARRA funded project that included roadway improvements along a 1.25-mile section of historic Route 66. Improvements incorporated the new roadway widening and asphalt paving work with storm water drainage upgrades, new concrete sidewalks, ADA curb ramps, curb & gutter, signage, traffic striping and street lighting. Duties included assisting with reviewing inspector daily reports for accuracy and invoicing. Maintains project files and documentation.

Keith 1220-Zone Potable Water Storage Tank (Reservoir) Project, City of Corona, CA
Project Administrator of this $7.8M project, provides construction management and quality assurance inspections, oversight of public outreach, geotechnical and materials testing, and environmental mitigation support services during the construction phase of the Construction Management and Inspection Services for the Keith 1220-Zone Potable Water Tank Project. The project will include construction of a 2.5M gallon pre-stressed concrete tank at the southeast corner of Nelson Street and Keith Street. The project will include undergrounding of existing overhead power and telephone lines in the vicinity of the tank site, construction of approximately 1⁄4-mile of new waterline from the tank site to Duncan Way along Nelson Street and Courtney Street, reclaimed waterline and storm drains in Nelson Street and Masters Drive, street improvements, on-site utilities, and site work to include fencing, gates, paved vehicle access, lighting, landscaping and irrigation. Assists with maintaining project files, reports and other documentation.

Teresa Rodriguez

Project Administrator

Fire Station 205 Phase 2 Improvements, City of Rialto, CA
Project Administrator during overall site grading and drainage improvements, an apparatus building, temporary staff living quarters, parking and underground utilities for proposed and future facilities. Services on this $4.2M project also included management of the materials testing firm. Maintained project documentation, assisted with the preparation of meeting minutes and other reports, documented all correspondences and provided administrative assistance.

Mill Creek Wetlands Cucamonga Creek Watershed Regional Water Quality Project, City of Chino, CA
Project Administrator for this 52-acre environmental habitat reclamation project located in the City of Chino. This $10M wetlands rehabilitation and water quality development project provided improvements to an existing wetlands watershed area by creating a public recreation and habitat restoration commons. The new ecosystem includes six interconnected water quality ponds landscaped with native plant materials, a riparian habitat, a raptor habitat expansion, interpretive/educational loop trails as well as almost two miles of recreation and maintenance trails. Assisted with maintaining project files, reports and other documentation.

La Sierra Pipeline, Western Municipal Water District, Riverside, CA
DBE/Labor Compliance Administrator assisting the Labor Compliance team in monitoring DBE compliance of contractors and subcontractors. Responsibilities include compiling data, verifying compliance and completing forms including Form UR344. The project has multiple funding sources that include local, state and federal funds.

Plant 137 & Live Oak Road Pipeline Replacement Project, East Valley Water District, Highland, CA
Project Administrator for the installation of approximately 3,185' of 12" DIP and appurtenances through the rocky foothills of a residential neighborhood. Construction of this $717K project also included demolition of existing treatment train equipment and construction of facility site improvements at Plant 137. Maintained project documentation, assisted with the preparation of meeting minutes and other reports, documented all correspondences and provided administrative assistance.

DENNIS JANDA, PRESIDENT

Project Role – Principal Surveyor and Project Manager

Affiliation: P. L. S. # 6359, State of California
CFS #1379– Certified Federal Surveyor
C. L. S. A. Corporate Member
ACSM Member

Certificates: Certificate in GPS Survey
Certificate in AutoCAD
Certificate in ESRI Software

Education: Palomar College Surveying, 1981-1984
U.C.R. G.I.S. Certificate Program
U.C.R GPS Certificate Program

Experience: Mr. Janda offers 42 years of experience in the land surveying and mapping profession. Mr. Janda is responsible for the scheduling, contract administration and final review of all mapping and surveying projects performed by DJI.

Mr. Janda's expertise managing survey projects began in 1984 for a large Temecula Engineering firm. Mr. Janda was responsible for the administration of proposals, contract management, survey/mapping, personnel training and scheduling. Mr. Janda's overall experience with project research, map/exhibit production, boundary surveys, route surveys, engineering surveys, topographic/photogrammetric control surveys and construction staking is extensive.

Mr. Janda also has comprehensive public works experience working for agencies and municipalities throughout California. As a project surveyor he provides maps, design/route surveys, construction surveys as well providing legal and plats for dedications and map review and checks for processing in adherence to owner's standards and specifications and to the subdivision map act.

.

Mr. Janda has extensive experience with both public and private project presentations to city councils, community groups, county board of supervisors, and local agency formation committees.

TRICIA JANDA, VICE PRESIDENT

Project Role – Assistant Surveyor

Affiliation: C.L.S.A. Corporate Member
ACSM – American Congress of Surveying and Mapping

Certificates: AutoCAD Certificate
NGS Precise Digital Leveling Certificate

Education: Westech College – G.I.S. & Geo Spatial Analysis & AutoCAD
Palomar College – Survey Program
NGS Precise Digital Leveling

Experience: Ms. Janda has 23 years of field and office experience along with formal G.I.S., AutoCAD, ArcView and surveying education through U.C.R., Palomar, NGS and Westech Colleges. Ms. Janda has worked with survey field crews and as an office survey technician and field coordinator. As field crew coordinator, Ms. Janda is knowledgeable with construction calculations along with field note reductions. Ms. Janda is also experienced with map preparation such as map check, closure reports, A.L.T.A.'s, legal description and plats and topographic surveys. Ms. Janda has also acquired experience in a several tasks associated with G.I.S. and mapping with several Dennis Janda, Inc. projects.

Ms. Janda has worked as a G.I.S. technician and data capture techniques for the Otay Water District project. Responsibilities for the Otay Water District project included but not limited to mapping research, and precise electronic reproductions of land parcels using record maps or assessor's parcel maps. These parcels were then combined to create the overall parcel base map now used at Otay Water District. Ms. Janda has also assisted in the production of the utility layers. All utilities were constructed from scanned plans inserted into the base map and then rectified to GPS survey positions. Ms. Janda has had training on Arc/Info 10.x, ArcView 10.x, ArcGIS Server 10.x, AutoCAD and Land Desktop/Civil 3D, Microsoft access software and additional custom computer applications designed to enhance the building of information databases.

ROBERT MEYER

Project Role – Survey Party Chief

Certificate: U.C.R.- Spatial Reference
Intermediate G.P.S.

Education: Palomar College, Survey Program
Principles of Land Surveying 1 & 2, Control and Photogrammetry Surveying, Construction and Surveying Mathematics

Experience: Mr. Meyer has 36 years of land surveying experience. He performs field surveys in all phases of boundary, design and construction surveys. He prepares field support calculations and as Chief of Survey schedules field crews and oversees equipment.

Mr. Meyer has vast experience with public works and Caltrans Right of way projects. His experience includes construction staking of state highways, local roadways and bridges.

Mr. Meyer's private industry experience includes commercial and subdivision construction staking. He has also performed boundary surveys, design topo's, aerials, ALTA's, records of survey and drafting of corner records.

Mr. Meyer is well trained in performing field support calculations using the latest software of AutoCAD and Civil 3d. He is also well versed in the use of the latest GPS equipment and software. He also performs first and second order deformation studies.

Wallace & Associates
consulting, LLC
An Anser Advisory Company

2677 N. Main Street, Suite 400
Santa Ana, CA 92705
REMIT TO: Lockbox - P.O. Box 532306
Atlanta, GA 30353-2306

Kevin Kwak, PE
City of Gardena
1700 West 162nd Street
Gardena, CA 90247

May 11, 2023
Contract No: W357-001.01
Invoice No: 17055

W357-001.01 Gardena ON CALL

Professional Services from April 3, 2023 to April 30, 2023

0003 *170th St Improv JN 944
PO No. 24-00884

Professional Personnel

	Hours	Rate	Amount	
Project Manager - P. Abbassi				
Abbassi, Pedram	2.00	190.00	380.00	
Project Admin - R.Highley				
Highley, Rachael	1.00	84.00	84.00	
Totals	3.00		464.00	
Total Labor				**464.00**
			Total this Task	**$464.00**

Consultants

Leighton Consulting, Inc.			469.88	
Total Consultants			**469.88**	**469.88**
			Total this Task	**$469.88**

	Current	Prior	Total
Billings to Date	**933.88**	**146,999.15**	**147,933.03**

Total this Invoice **$933.88**

Please notify ARSupport@anseradvisory.com with electronic payments or questions on this invoice.

Billing Backup

Thursday, May 11, 2023

Anser Advisory LLC Invoice 17055 Dated 5/11/2023 6:25:55 AM

Contract W357-001.01 Gardena ON CALL

Project 0003 *170th St Improv JN 944

Professional Personnel

			Hours	Rate	Amount	
Project Manager - P. Abbassi						
Abbassi, Pedram		4/19/2023	2.00	190.00	380.00	
Project Admin - R.Highley						
Highley, Rachael		4/3/2023	1.00	84.00	84.00	
	Totals		3.00		464.00	
	Total Labor					**464.00**

Total this Task **$464.00**

Consultants

Leighton Consulting, Inc.

AP 19972	4/30/2023	Leighton Consulting, Inc. / Testing and Inspection	469.88		
Total Consultants			**469.88**		**469.88**

Total this Task **$469.88**

Total this Project **$933.88**

Total this Contract **$933.88**

Total this Report **$933.88**

From: Jonathan Smith
To: Kevin Kwak; William Mendoza
Subject: !70th Street Improvements Wednesday,
Date: June 7, 2023 11:43:18 AM
Attachments: image001.png

Good morning Kevin and William,

After additional review of the billing for this project, I have discovered that there was time charged by the CM that should have been time charged by the inspector.
We value our relationship with the City of Gardena and are thankful for the opportunities that you have provided to Anser.

With that said, I would like to offer a $10,000 reduction to the CO request.

Respectfully submitted,
Jonathan

Jonathan Smith, P.E., QSD
Senior Vice President / Managing Director
M 858-472-2212
anseradvisory.com



City of Gardena

Gardena City Council Meeting

AGENDA REPORT SUMMARY

Agenda Item No. 19.A
Section: COUNCIL ITEMS
Meeting Date: June 13, 2023

TO: THE HONORABLE MAYOR AND MEMBERS OF THE GARDENA CITY COUNCIL

AGENDA TITLE: RESOLUTION NO. 6632: Amending City Council Meeting Agenda Policy No. 03-01, as it Pertains to Council Directives.

COUNCIL ACTION REQUIRED:
Staff Recommendation: Adopt Resolution No. 6632

RECOMMENDATION AND STAFF SUMMARY:

During the May 23, 2023, City Council meeting, a directive was given to staff by Mayor Cerda and seconded by Councilmember Henderson to amend the current City Council Meeting Agenda Policy ("Policy") to limit each Councilmember to make no more than one directive to staff at any Council meeting. In addition, under the proposed amended Policy any Councilmember making a directive to staff would also be required to: 1) state the purpose of the directive, (2) the reasons why the directive is warranted, and (3) the ways the directive would directly benefit the city, for example, economic development, job creation, raising the quality of life, or community safety. Directives would continue to require concurrence of at least one other Councilmember. Finally, the proposed amended Policy also provides for a clearer definition of a directive than that provided by the current policy. Under the proposed Policy, a directive would be defined as a request, pronouncement, or instruction to conduct research, prepare a report, letter, agenda item, resolution or ordinance, or otherwise initiate action on a designated project.

These changes will allow the City to continue to provide clear and effective direction to staff and allocate the use of City resources. The original policy was adopted on February 11, 2003, and amended on September 12, 2017.

Attached for Council consideration is Resolution 6632 which contains as an attachment the proposed amended City Council Meeting Agenda Policy. The proposed Policy has been drafted to show additions by underscore and deletions by ~~strikethrough~~.

FINANCIAL IMPACT/COST:
N/A

ATTACHMENTS:
RESOLUTION No. 6632 with Proposed Amended Council Policy.pdf

APPROVED:



_____

Clint Osorio, City Manager

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RESOLUTION NO. 6632

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF GARDENA, CALIFORNIA, AMENDING CITY COUNCIL MEETING AGENDA POLICY NO. 03-01, AS IT PERTAINS TO COUNCIL DIRECTIVES.

WHEREAS, the City Council has adopted a certain manual entitled Council Policy to define and ensure the proper conduct of the City's business by the City Council and in compliance with State and City ordinances, and;

WHEREAS, the Council periodically revises its Council Policy to ensure clarity consistency and conformity with City ordinances.

WHEREAS, on May 23, 2023, a directive was provided to amend the City Council Meeting Agenda Policy No. 03-01, as it pertains to Council Directives.

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF GARDENA, CALIFORNIA, DOES HEREBY FIND, DETERMINE, AND RESOLVE, AS FOLLOWS:

SECTION 1. Section III.F.1.b**. COUNCIL ITEMS AND DIRECTIVES** – Council Items of the City Council Meeting Agenda Policy is amended to read, as follows:

1.b. Council Items may be placed on the agenda as a result of a directive given to staff at a Council meeting or as a recommendation or action of a Council subcommittee. A directive is a request, pronouncement, or instruction to conduct research, prepare a report, letter, agenda item, resolution, ordinance, or otherwise initiate action on a designated project. Each Councilmember shall make no more than one directive to staff at any Council meeting. Any Councilmember making a directive to staff shall (1) state the purpose of the directive, (2) the reasons why the directive is warranted, and (3) the ways the directive would directly benefit the city, for example, economic development, job creation, raising the quality of life, or community safety. Directives require concurrence of at least one other Councilmember.

SECTION 2. Section III.F.3**. COUNCIL ITEMS AND DIRECTIVES** – Council Directives of the City Council Meeting Agenda Policy is amended to read, as follows:

In order to provide clear direction to staff, and to ensure that staff resources are allocated efficiently, a clear directive and consensus from the Council is needed prior to adjournment of the meeting.

a. The City Clerk will maintain a list of all directives referenced during the meeting and, prior to the meeting's adjournment, will review the items aloud to clarify any actions directed to staff.

b. A directive is a request, pronouncement, or instruction to conduct research, prepare a report, letter, agenda item, resolution, ordinance, or otherwise initiate action on a designated project.

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c. Each Councilmember shall make no more than one directive to staff at any Council meeting. Any Councilmember making a directive to staff shall:

(1) State the purpose of the directive, and;
(2) The reasons why the directive is warranted, and;
(3) The ways the directive would directly benefit the city, for example, economic development, job creation, raising the quality of life, or community safety.

Directives require concurrence of at least one other Councilmember. The City Clerk will record the action for follow-up.

d. In addition to the meeting minutes, the City Clerk will prepare a list of all Council Actions and Directives and forward the list to the City Manager for review and assignment of tasks to the appropriate staff.

SECTION 3. That this Resolution shall be effective immediately.

BE IT FURTHER RESOLVED that the City Clerk shall certify to the passage and adoption of this Resolution; shall cause the same to be entered among the original Resolutions of said City; and shall make a minute of the passage and adoption thereof in the records of the proceedings of the City Council of said City in the minutes of the meeting at which the same is passed and adopted.

Passed, approved, and adopted this 13th day of June, 2023.

TASHA CERDA, Mayor

ATTEST:

MINA SEMENZA, City Clerk

APPROVED AS TO FORM:

Carmen Vasquez

CARMEN VASQUEZ, City Attorney

Attachment: COUNCIL POLICY- City Council Meeting Agenda

DocuSign Envelope ID: A89C2596-6829-4ABF-B056-53FB4BBAC3A5

COUNCIL POLICY

SUBJECT: **CITY COUNCIL MEETING AGENDA**

NO. **03-01** REV. 2
Effective Date: **06/13/2023**
Tasha Cerda
Mayor

II. STATEMENT OF PURPOSE

a. The standardization of policies and procedures for the conduct of City business at Council Meetings will: facilitate the Council's efficient handling of agenda matters; provide clear and effective direction to staff; allocate the use of City resources by a consensus of the members of the Council, and ensure that all Council actions are properly recorded and acted upon.

III. POLICY

a. GARDENA MUNICIPAL CODE

1. Chapter 2.04 of the Gardena Municipal Code shall set forth the adopted policies and proceedings for the conduct of business by the City Council (G.M.C. 2.04).

2. The establishment of any policy and/or procedure to clarify, expand or modify how City business is conducted shall be governed by and consistent with those policies and procedures set forth in the Gardena Municipal Code.

b. CITY COUNCIL MEETING DATES AND TIMES

1. City Council meetings (regular meetings) will be held the second and fourth Tuesdays of each month unless otherwise determined by Ordinance, Resolution, or Council Action.

2. Closed Session shall generally be scheduled from 7:00 p.m. to 7:30 p.m. and, if necessary, will be continued and resumed after all Open Session business has been concluded, and prior to adjournment of the meeting.

   a. Closed Session agenda items are limited to matters regulated by State law and may include such issues as personnel, litigation, real property and labor negotiations, and liability claims.

   b. Items will be placed under the Closed Session portion of the agenda at the direction of the City Manager or City Attorney.

3. Open Session shall be scheduled to commence at 7:30 p.m., or immediately following the conclusion of a Closed Session.

4. Special Council Meetings may be set at a date, time and location established by the Council as needed for the efficient conduct of City business, including, but not limited to, study sessions on special topics of discussion and/or action requiring immediate action. Special Council Meetings shall be noticed and conducted in compliance with all applicable laws and regulations.

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c. CONTINUED AND RESCHEDULED AGENDA ITEMS

1. If at 11:00 p.m., the scheduled business has not been concluded, any member of the Council may request that the meeting be adjourned and with the concurrence of the other members of the Council, the meeting will be adjourned according to the following:

   a. The meeting may be adjourned and reconvened as an "Adjourned Regular Meeting" at a specific date and time prior to the next regularly scheduled Council meeting, or

   b. Each remaining item on the agenda may be tabled to the next regularly scheduled Council meeting.

2. If at any point during the meeting, the City Council wishes to continue or reschedule an agenda item, the Mayor will ask if there are any reasons why the item could not be deferred.

   a. The City Attorney, City Manager, and/or the City Clerk will advise the Council if there are any conflicts, time restraints, or other factors that may affect the decision to postpone or reschedule an agenda item.

   b. If no objections are noted, the Mayor will ask the City Clerk to check the Council meeting calendar and announce the date on which the item will be considered.

d. GENERAL CONDUCT OF BUSINESS

1. Where no policy or procedure has been established, Robert's Rules of Order, as interpreted by the City Attorney, shall prevail and govern the order of business.

2. Speakers are to address the Mayor and City Council as a whole body and not direct questions or engage in dialogue with any individual member of the Council, staff person, or member of the audience. (G.M.C. 2.04.100)

3. All items to be considered by the City Council shall be placed on the agenda pursuant to the Ralph M. Brown Act and other legal noticing requirements. The agenda format shall be in a standard form adopted by Council resolution and all items shall be conducted in the same order as the publicly noticed agenda, unless the members of the Council agree and announce a change in order to the public. All agenda items shall be prepared in a standard format established by the City Manager.

Request by a Councilmember to place an item on the agenda requires concurrence of at least one other Councilmember

4. Staff reports and comments shall be coordinated through the City Manager. If the topic requires investigation and/or response, the Mayor will direct the City

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Manager to provide a report to the Council and to the interested parties making the inquiry.

e. ROLES AND RESPONSIBILITIES

1. Mayor – The Mayor is the presiding officer and shall preserve order at all regular and special meetings of the Council. He/She shall state every question that comes before the Council, announce the decisions of the Council on all subjects, and decide all questions of order, subject, however, to an appeal to the Council. In the event of such an appeal, a majority vote of the Council shall govern and conclusively determine such question of order.

2. City Clerk – The City Clerk prepares the final format of the agenda and is the official record keeper of all actions taken by the Council. As such, the City Clerk will read motions, amendments, and other actions of the Council for clarification of action. The City Clerk is also responsible for ensuring proper notification of all Council meetings and actions.

3. City Attorney – The City Attorney is the legal advisor to the City Council and all other city officers, departments, boards and commissions and as such will advise the Council on the proper interpretation of law, of order, and action being considered by the City Council. (G.M.C. 2.16.020)

4. City Manager – The City Manager shall recommend to the Council for adoption such measures and ordinances as deemed necessary or expedient and exercise control over all departments and employees. The Council and its members shall address the matters on the agenda through the City Manager, except for the purposes of inquiry. (G.M.C. 2.12.060; 2.12.080)

5. City Treasurer – The City Treasurer is responsible for the city's financial investments in accordance with applicable law and for the general oversight of the city's financial affairs. The City Treasurer will attend Council meetings whenever needed, to provide advice on pertinent financial matters of the City.

6. Sergeant at Arms – The Police Chief, or designee, shall serve as the Sergeant at Arms at all Council Meetings and, as such, shall be in attendance at meetings held by the Council and shall take action at the direction of the Mayor or as deemed necessary to maintain order (G.M.C. 2.04.130).

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IV. PROCEDURES

a. CLOSED SESSION

1. If there is a Closed Session scheduled, the Mayor will call the Council meeting to order at the designated time from the dais and ask the City Clerk to take Roll Call, or to note the presence of the Council members. All members of the Council are expected to be present at the dais for Roll Call.

2. After the City Clerk has taken roll call or noted the presence or absence of each Council member, the Mayor will recess the meeting to Closed Session. At the end of the Closed Session, the Mayor and Council members will return to the dais and the Mayor shall reconvene the meeting for the Open Session.

b. OPEN SESSION

1. In order to expedite meeting proceedings, official photographs and exchanges related to scheduled presentation items should be done prior to the 7:30 p.m. start of official business (Open Session) when possible.

2. All members of the City Council will be seated at the dais and the Mayor will call the meeting to order, or when there has been a Closed Session, reconvene the meeting, and ask the City Clerk to note the presence of the Council members, and the City Clerk will respond accordingly.

3. If there has been a Closed Session, the Mayor will ask the City Attorney to report on any actions taken during the Closed Session, pursuant to the Ralph M. Brown Act requirements, and the City Attorney will respond accordingly. The City Attorney will also note whether the Closed Session was concluded or will be resumed following the Open Session, but prior to Adjournment.

c. ORAL COMMUNICATIONS/PUBLIC COMMENTS

1. Each person addressing the Council shall stand and give his/her name in an audible tone of voice and provide his/her address audibly and/or in writing for the record. All remarks shall be addressed to the Council as a body and not to any member thereof. No person, other than the Council, shall be permitted to enter into any discussion, either directly or through a member of the Council, without the permission of the presiding officer. (G.M.C. 2.04.100)

2. The Mayor or any member of the Council, through the Mayor, may direct a question to the City Manager or City Attorney for clarification and/or discussion. No member of the Council shall directly engage staff or any member of the audience in a public debate over an item. If the topic requires investigation and/or further analysis, the Mayor will direct staff, through the City Manager, as

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appropriate, to provide a report to the Council and to the interested parties making the inquiry.

3. To preserve a speaker's right to freedom of speech and prevent any distraction from a speaker's presentation, outbursts of applause, laughter, heckling, jeers, comments, or other such distractions will not be tolerated. The Mayor has the right and responsibility to have removed from the Council Chamber, any individual whose behavior interferes with the conduct of official City business or the ability of a speaker to express his/her opinion without interference.

4. The public will have the opportunity to address the Council at the following times:

   a. Agenda Items: at the time the City Council considers the item;

   b. Items Not Listed on the Agenda: during Oral Communications;

   c. Oral Communications: heard for one-half hour at or before 8:30 p.m., or at the conclusion of the last agenda item commenced prior to the scheduled time. Oral Communications/public comments not concluded during the allotted time shall be resumed as the last order of business before the meeting is closed or recessed to a Closed Session.

   d. Public Hearings: at the time of the Public Hearing.

5. At any time prior to or during the Council Meeting, persons desiring to address the Council shall complete a Speaker Request Form and present the form to the City Clerk.

   a. Speakers will be called to speak in the order that the requests were received and shall be allowed a maximum of three (3) uninterrupted minutes, unless the Mayor extends the allotted time.

   b. Time limits shall not apply to individuals providing testimony as part of a public hearing or to individuals invited by the City Council to make a public presentation on a particular item.

6. The Council will hear from the public on any item on the agenda or any item of interest that is not on the agenda, but cannot legally take action on any item not scheduled on the agenda. Any topic introduced during the Oral Communications/public comment period that is not listed on the meeting agenda may be referred by Council to staff for administrative action, or for scheduling on a future agenda.

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d. PLANNING AND ENVIRONMENTAL QUALITY COMMISSION ACTION SHEET

1. The City Council may receive and file the actions of the Planning and Environmental Quality Commission reported on the Action Sheet, or the Council may call for review of a Commission action and set a hearing date for the item to be considered before the City Council.

2. If a member of the City Council calls for review of the action of the Commission, the Councilmember shall state specifically for the record the basis for the matter being review so that the applicant and City staff can prepare accordingly for the hearing. The applicant may also appeal the action of the Commission to the City Council, pursuant to the respective statutes of the Gardena Municipal Code.

e. DEPARTMENTAL ITEMS

1. The City Manager will coordinate the introduction of all Departmental Items as appropriate, and the Mayor will open discussion on the item.

2. Departmental Items will include any items needing discussion, and direction, and action by the City Council. Routine approvals and receive and file items will be considered under the Consent Calendar.

f. COUNCIL ITEMS AND DIRECTIVES

1. COUNCIL ITEMS

   a. Reports and/or action items placed on the agenda at the direction of the Council will, unless otherwise assigned, be prepared and presented by the City Manager's Office under "Council Items."

   b. Council Items may be placed on the agenda as a result of a directive given to staff at a Council meeting or as a recommendation or action of a Council subcommittee. A directive is a request, pronouncement, or instruction to conduct research, prepare a report, letter, agenda item, resolution, ordinance, or otherwise initiate action on a designated project. Each Councilmember shall make no more than one directive to staff at any Council meeting. Any Councilmember making a directive to staff shall (1) state the purpose of the directive, (2) the reasons why the directive is warranted, and (3) the ways the directive would directly benefit the city, for example, economic development, job creation, raising the quality of life, or community safety.; ~~D~~directives require concurrence of at least one other Councilmember.

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c. Items requested by only one member of the Council must have the concurrence of at least one other Councilmember in order to be placed on the agenda for Council consideration. This includes adding items to future agendas, presentations, and any other business to be considered by at a City Council hearing.

2. COUNCIL REMARKS

a. All members of the Council will have an opportunity at each meeting to report on any activities attended or to discuss any topic of City business.

b. Each Councilmember will have five minutes to present a report, unless the Mayor extends the time.

c. Each succeeding Council agenda will rotate the order in which members of the Council are listed to speak.

3. COUNCIL DIRECTIVES:

In order to provide clear direction to staff, and to ensure that staff resources are allocated efficiently, a clear directive and consensus from the Council is needed prior to adjournment of the meeting.

a. The City Clerk will maintain a list of all directives ~~items~~ referenced during the meeting and, prior to the meeting's adjournment, will review the items aloud to clarify any actions directed to staff.

b. A directive is a request, pronouncement, or instruction to conduct research, prepare a report, letter, agenda item, resolution, ordinance, or otherwise initiate action on a designated project. ~~Routine items, such as sending a letter, general follow-up or questions on previously assigned tasks, or coordination of an appointment or travel for a particular Councilmember, will be directed to staff for action.~~

c. Each Councilmember shall make no more than one directive to staff at any Council meeting. Any Councilmember making a directive to staff shall:

(1) State the purpose of the directive, and;
(2) The reasons why the directive is warranted, and;
(3) The ways the directive would directly benefit the city, for example, economic development, job creation, raising the quality of life, or community safety.

Directives require concurrence of at least one other Councilmember. ~~For new assignments, including projects, research and reports, the Mayor will, through the City Manager, determine if the task will require~~

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~~the dedication of substantial staff resources and time to complete. If so, the Mayor will ask for input from all of the Council and will direct staff based on the consensus of the Council; there needs to be a concurrence of at least one other Councilmember.~~ The City Clerk will record the action for follow-up.

d. In addition to the meeting minutes, the City Clerk will prepare a list of all Council Actions and Directives and forward the list to the City Manager for review and assignment of tasks to the appropriate staff.

V. SAMPLE OUTLINE – CITY COUNCIL MEETING AGENDA