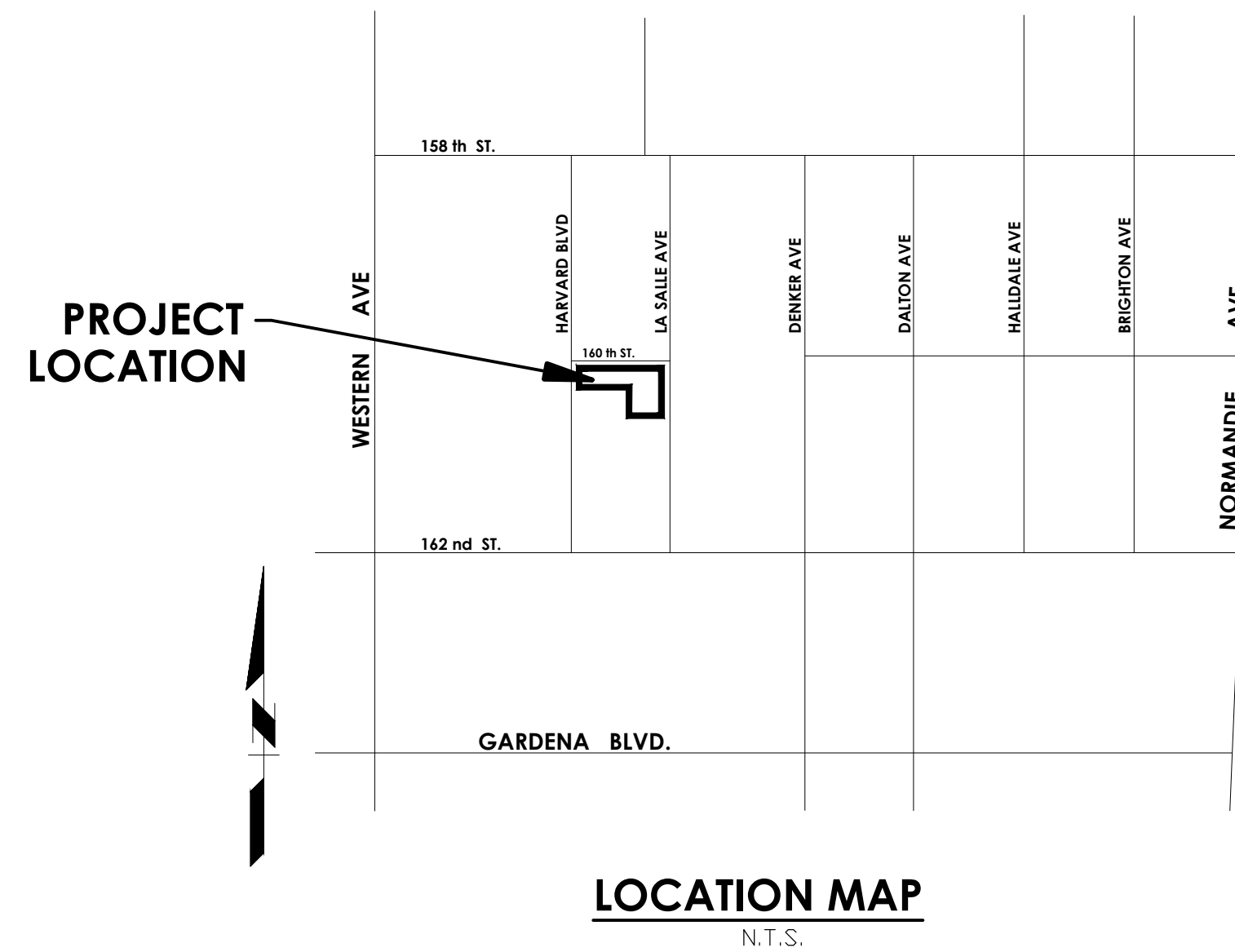
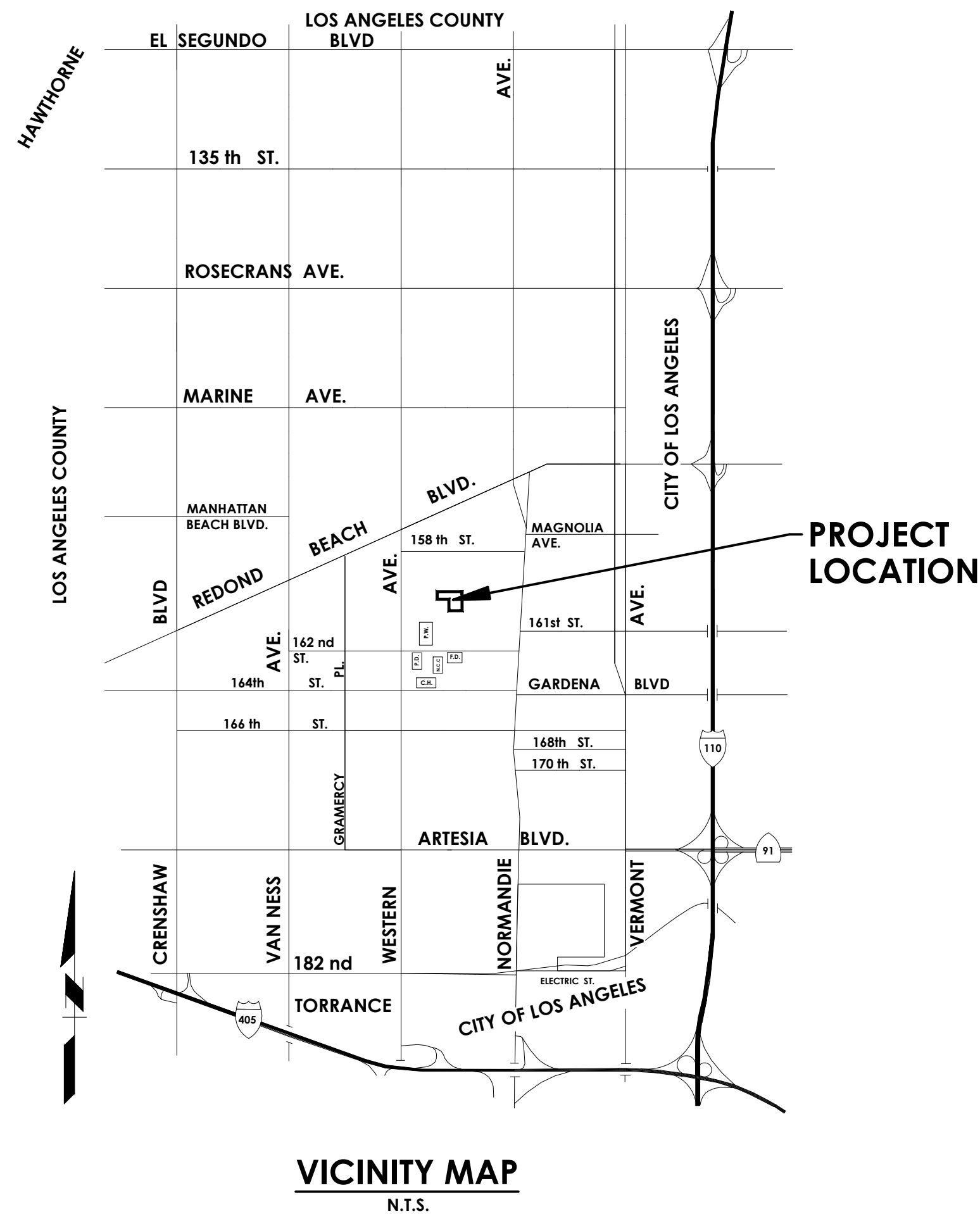


AS-BUILT DWG



SHEET INDEX		
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1	TITLE SHEET	L-1.01
2	DEMOLITION PLAN	D-1.01
3	DEMOLITION PLAN ADDITIONAL NOTES	D-1.02
4	ROUGH GRADING PLAN	D-1.03

PROJECT DIRECTORY:

<u>COMPANY</u>	<u>CONTACT</u>	<u>TELEPHONE NO</u>
CIVTEC	TOM CARCELLI	(949) 463-8822
RJM DESIGN GROUP	ERIC CHASTAIN	(949) 493-2600

UTILITY CONTACT NUMBERS:

<u>COMPANY</u>	<u>CONTACT</u>	<u>TELEPHONE NO.</u>
CITY OF GARDENA P.W. TRAFFIC/ELECTICAL	JEFF JALOMO	(310) 217-9430
CITY OF GARDENA P.W. SEWER	JOHN SCHERER	(310) 217-9599
METRO. WATER DISTRICT	MARYLIN DUARTE	(213) 217-7059
L.A. DEPARTMENT OF WATER & POWER	JOSE PORRAS	(213) 367-1049
L.A. SANITATION DISTRICT	JON GANZ	(562) 908-4288
L.A. COUNTY FLOOD CONTROL DISTRICT	DARYLL CHENOWETH	(626) 458-3709
CHEVRON PIPELINE CO.	DAVE ZERLER	(310) 669-4014
CROWN CASTLE	HECTOR AGUILERA	(951) 454-5111
SOUTHERN CALIFORNIA EDISON COMPANY	CYNTHIA CARRILLO	(310) 413-4497
SOUTHERN CALIFORNIA GAS COMPANY	SALVADOR GONZALES	(310) 970-4844
GOLDEN STATE WATER CO.	JOSEPH SALICIDO CONDE VENTURA	(310) 660-0320 X101 (310) 701-2500
AT&T/SBC/PACIFIC BELL	RAYMOND DOVE	(310) 515-4257
TIME WARNER/SPECTRUM	ARTURO FERNANDEZ	(310) 750-9099
CALIFORNIA UNDERGROUND SERVICE ALERT (USA)		(800) 422-4133

GENERAL NOTES:

1. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS BEFORE STARTING WORK.
2. THE ENGINEER DOES NOT WARRANT THE ACCURACY OF SCALED DIMENSIONS ON ANY PLAN. ALL DIMENSIONS SHALL BE AS DESIGNATED ON THE PLANS. THE CONTRACTOR SHALL PROTECT ALL PUBLIC AND PRIVATE PROPERTY
3. DURING THE PERFORMANCE OF WORK DONE UNDER THE CONTRACT. THE CONTRACTOR SHALL TAKE THE NECESSARY PRECAUTIONS TO AVOID ANY DAMAGE TO ANY STRUCTURES ADJACENT TO THE PROJECT BOUNDARIES.
4. EXISTING UTILITIES SHOWN ARE BASED ON AVAILABLE RECORDS OF PARENT UTILITY COMPANIES AND MAY NOT ACCURATELY REPRESENT THEIR ACTUAL LOCATIONS PRIOR TO BEGINNING ANY CONSTRUCTION, THE CONTRACTOR SHALL VERIFY THE ACTUAL LOCATIONS (VERTICAL AND HORIZONTAL) OF ALL UTILITIES. IN THE FIELD OR COORDINATE SUCH INDEPENDENT VERIFICATION WITH THE PARENT UTILITY COMPANIES AND PROVIDE THE CITY WITH THE POTHOLE INFORMATION. THE CONTRACTOR SHALL PROTECT IN PLACE OR COORDINATE WITH PARENT COMPANY FOR THE RELOCATION OF CONFLICTING UTILITIES ENCOUNTERED DURING CONSTRUCTION.
5. ADJUST UTILITY VALVE COVERS, UTILITY BOXES, TRAFFIC SIGNAL BOXES, ETC. TO FINISH GARDE. PAYMENT SHALL BE INCLUDED IN THE APPLICABLE CONSTRUCTION BID ITEM AND REFER TO CONSTRUCTION NOTE AND/OR SPECIFICATIONS.
6. PROVIDE TRAFFIC CONTROL PER TECHNICAL PROVISIONS.
7. ALL SURVEY CENTERLINE TIES AND MONUMENTS THAT ARE DAMAGED OR REMOVED SHALL BE RE-ESTABLISHED. THE SURVEYOR SHALL ALSO ESTABLISH CENTERLINE MONUMENTS AND TIES AT ALL STREET INTERSECTIONS WITHIN THE PROJECT LIMITS WHERE NONE EXISTED PRIOR TO CONSTRUCTION. SEE TECHNICAL PROVISIONS.
8. 24 HOUR NOTICE FOR ALL INSPECTIONS REQUIRED.
9. CONTRACTORS SHALL REMOVE AND DISPOSE OF ALL TRASH AND BROKEN BRANCHES BEFORE AND AFTER PAVING.
10. PRIOR TO CUTTING OF ANY ROOTS, CALL PARKS DIVISION AT (310) 217-9564 FOR APPROVAL.
11. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION, OBTAINING NECESSARY APPLICABLE PERMITS WITH LOCAL AGENCIES AND OTHER OWNERS HAVING JURISDICTION AND PREPARING REQUIRED DOCUMENTATION NECESSARY FOR PERMITTING.
12. PROTECT ALL STORM DRAINS, CATCH BASINS, ETC. WITH SAND BAGS, FABRIC, AND OTHER APPROPRIATE BEST MANAGEMENT PRACTICES.
13. THE CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT (USA) AT 1-800-422-4133 TWO WORKING DAYS PRIOR TO ANY EXCAVATION WORK.

REVIEWED FOR CODE COMPLIANCE

CONFORMS TO THE CITY OF GARDENA MUNICIPAL CODE AND THE FOLLOWING:

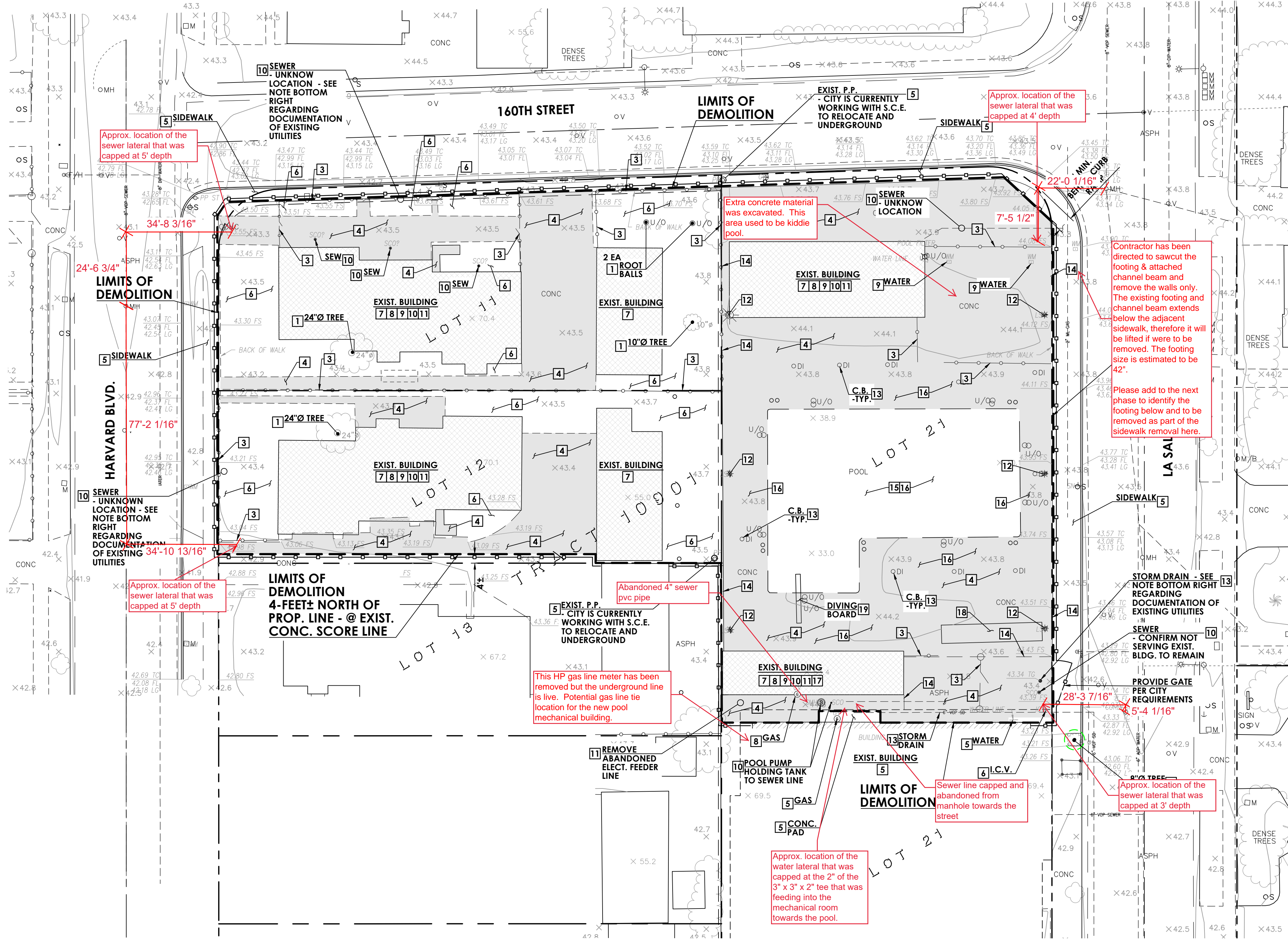
- ☐ 2019 CALIFORNIA RESIDENTIAL CODE
- ☒ 2019 CALIFORNIA BUILDING CODE
- ☒ 2019 CALIFORNIA ELECTRICAL CODE
- ☒ 2019 CALIFORNIA PLUMBING CODE
- ☐ 2019 CALIFORNIA MECHANICAL CODE
- ☐ 2019 CALIFORNIA ENERGY CODE
- ☒ 2019 CALIFORNIA GREEN BUILDING STANDARDS CODE
- ☐ 2019 CALIFORNIA FIRE CODE - STRUCTURAL DESIGN PROVISIONS ONLY
- ☐ 2019 CALIFORNIA FIRE REGULATION
- ☐ OTHER: _____

COMPLETION OF THIS REVIEW DOES NOT AUTHORIZE CONSTRUCTION TO PROCEED IN VIOLATION OF ANY FEDERAL, STATE OR LOCAL REGULATIONS. STAMPED DOCUMENTS SHALL REMAIN ON THE JOB SITE AT ALL TIMES. ALTERATION OF STAMPED DOCUMENTS IS UNLAWFUL.

BY: **bpr.mberg** DATE: **Apr 02, 2022**



REVISIONS				CITY OF GARDENA DEPARTMENT OF PUBLIC WORKS - ENGINEERING				
NO.	DESCRIPTION	DATE	APPROVED	TITLE SHEET				
				COMMUNITY AQUATICS & SENIOR CENTER L-1.01				
B.M.: THE CITY OF GARDENA BENCHMARK NO. 5D-15 ELEV. 43.508				INITIAL	DATE	APPROVED BY:		
				DESIGNED BY	EC	03/08/2022	3/8/22	
				DRAWN BY	TP	03/08/2022	Harold Allan Rigg	
				CHECKED BY	EC	03/08/2022	DIRECTOR OF PUBLIC WORKS	
				SHEET	1	OF	4	
				DWG. NO.			5-2606	



DEMOLITION GENERAL NOTES

SEE SHEET D-1.02 FOR ADDITIONAL NOTES.

DEMOLITION NOTES

- 1 REMOVE EXISTING TREE AND ROOT BALL AND DISPOSE - CONFIRM DISPOSITION PRIOR TO DEMO. WITH LANDSCAPE ARCHITECT AND CITY
 - 2 NOT USED
 - 3 REMOVE EXIST. FENCE/GATE, ASSOCIATED POSTS, FOOTINGS, ETC. AND DISPOSE
 - 4 SAWCUT AND REMOVE EXISTING CONCRETE CONCRETE, A.C./A.B., STAIRS OR PAD (COMPLETE) AND DISPOSE ****
 - 5 PROTECT IN PLACE - POTHOLE AND LOCATE EXISTING UNDERGROUND UTILITY LINES TO PROTECT AS REQUIRED
 - 6 REMOVE EXISTING LANDSCAPE/IRRIGATION AND CAP AT LIMITS OF DEMOLITION AND DISPOSE **
 - 7 DEMOLISH/REMOVE EXISTING BUILDING/STRUCTURE/FOUNDATION/SUBTERRANEAN PITS AND DISPOSE ****
 - 8 REMOVE EXISTING GAS LINE AND/OR APPURTENANCE - COORD. REMOVAL WITH THE GAS COMPANY
 - 9 REMOVE EXISTING WATER LINE (COMPLETE) AND DISPOSE - CAP EXISTING WATER LINE AT THE METER BOX , CUT & PLUG AND NOTIFY G.S.W.C. - DOCUMENT LOCATION OF EXISTING LINES - SEE ADDITIONAL NOTES THIS SHEET
 - 10 REMOVE EXISTING SEWER LINE (COMPLETE) AND DISPOSE - CAP EXISTING SEWER LINE AT LIMITS OF DEMOLITION AND DOCUMENT LOCATION OF EXISTING LINES - SEE ADDITIONAL NOTES THIS SHEET
 - 11 EXISTING ELECTRICAL/CATV/PHONE VAULT/LINE - SEE ELECTRICAL PLANS FOR CONDUIT RE-ROUTING/CAPPING
 - 12 REMOVE LIGHT POLE, BASE, FOOTING, PULL BOX, CONDUIT AND CONDUCTORS, ETC. (COMPLETE) - SEE ELECTRICAL PLANS FOR CONDUIT RE-ROUTING/CAPPING *
 - 13 REMOVE STORM DRAIN LINE AND/OR CATCH BASIN (COMPLETE) AND DISPOSE - CAP EXISTING STORM DRAIN AT LIMITS OF DEMOLITION AND DOCUMENT LOCATION OF EXISTING LINES - SEE ADDITIONAL NOTES THIS SHEET
 - 14 REMOVE EXISTING WALL AND FOOTING (COMPLETE) AND DISPOSE
 - 15 REMOVE EXISTING POOL (COMPLETE) AS REQUIRED AND DISPOSE
 - 16 REMOVE EXISTING POOL PIPING (COMPLETE) AND DISPOSE
 - 17 REMOVE EXISTING POOL EQUIPMENT/SUBTERRANEAN PIT (COMPLETE) AND DISPOSE ****
 - 18 REMOVE EXISTING BENCH OR BLEACHER (COMPLETE) AND DISPOSE
 - 19 CONFIRM REMOVAL OF EXIST. MISCELLANEOUS ITEM (COMPLETE)
- * CONDUIT RE-ROUTING/CAPPING AS REQUIRED
** CAP AND REMOVE IRRIGATION LINES AS REQ'D
**** SEE SOILS REPORT FOR ADDITIONAL DEMOLITION REQUIREMENTS

LEGEND

- LIMITS OF DEMOLITION
- PROTECT UTILITY LINE IN PLACE WITHIN DEMOLITION LIMITS
- 4-FOOT TALL CONSTRUCTION FENCE - LOCATION MAY BE REVISED WITH CITY APPROVAL

NOTE TO CONTRACTOR:

CONTRACTOR TO REFER TO "ASBESTOS CONTAINING MATERIALS AND LEAD-BASED PAINT SURVEY REPORT GARDENA COMMUNITY AQUATIC CENTER" BY CLARK SEIF CLARK, INC., DATED OCTOBER 29, 2021 AND THE CES ENVIRONMENTAL REPORT DATED JANUARY 10, 2020 FOR THE PRIMM POOL FACILITY BLDG AND AUGUST 12, 2021 FOR THE 2-FOURPLEX BUILDINGS AND PERFORM REQUIRED HAZARDOUS MATERIAL REMOVALS IF RECOMMENDED IN THE REPORT PRIOR TO DEMOLITION SHOWN HEREON.

NOTE TO CONTRACTOR:
ADDITIONAL REQUIREMENTS:

- THE DEMO CONTRACTOR SHALL MAINTAIN THE EXCAVATION IN COMPLIANCE WITH THE STORMWATER REGULATIONS AND PROVIDE PUMPING AND DESILTING DEVICES WHILE THE UNDER CONTRACT TO THE END OF THE RAINY SEASON, BEING APRIL 1. THE CITY WILL ONLY COVER PUMPING OF THE POOL EXCAVATION AFTER THE DEMO. CONTRACT NOTICE OF COMPLETION IS FILED.
- EROSION CONTROL SHALL COMPLY WITH THE LOS ANGELES COUNTY STORMWATER PERMIT FOR BMP'S AND ALL REQUIRED INSTALLED BMP'S FOR THE DURATION OF THE CONTRACT. THE CONTRACTOR SHALL PREPARE A STORM WATER PLAN FOR CITY REVIEW AND APPROVAL PRIOR TO THE START OF CONSTRUCTION TO ENSURE COMPLIANCE WITH THE STORMWATER PERMIT REQUIREMENTS.

NOTE TO CONTRACTOR:

CONTRACTOR TO SCHEDULE A SITE WALK WITH THE CITY PRIOR TO START OF DEMOLITION TO VERIFY ALL ITEMS TO BE DEMOLISHED.

NOTE TO CONTRACTOR:

AT THE DEMOLITION LIMITS:
CONTRACTOR SHALL DOCUMENT THE SIZE, LOCATION, AND DEPTH OF EXISTING SEWER, WATER, AND DRAIN LINES AND CAP FOR FUTURE CONNECTION. CONTRACTOR TO PROVIDE WRITTEN DOCUMENTATION TO THE CITY AND ENGINEER ONCE UTILITY DEMOLITION WORK IS COMPLETE.

NOTE TO CONTRACTOR:

ALL UTILITIES SHOULD BE SHUT OFF AND CAPPED PER UTILITY COMPANY REQUIREMENTS.
CONTRACTOR SHALL COORDINATE WITH APPROPRIATE UTILITY COMPANY PRIOR TO COMMENCEMENT OF WORK.

NOTE TO CONTRACTOR:

INSTALL 6-FOOT CHAIN LINK FENCE WITH WINDSCREEN AND GATES, WHERE NECESSARY, ALONG THE PERIMETER OF THE SITE AS NEEDED. CONTRACTOR SHALL PROTECT THESE FENCES AND KEEP AREA FULLY SECURE DURING DEMOLITION. PROJECT FENCE, GATE, PRIVATE SCREEN, PERIMETER WATER POLLUTION CONTROL SHALL BECOME THE PROPERTY OF THE CITY AND SHALL REMAIN IN PLACE AT THE COMPLETION OF DEMOLITION.

NOTE TO CONTRACTOR:

- LOCATION OF EXISTING FACILITIES SHOWN HEREON ARE BASED ON THE EXISTING TOPOGRAPHIC SURVEY PERFORMED BY CIVTEC, INC., DATED FEBRUARY, 2021. FIELD OBSERVATION AND A SEARCH OF AVAILABLE RECORDS AND MAY NOT REPRESENT ACTUAL CONDITIONS.
- CONTRACTOR MUST FIELD LOCATE ALL UTILITIES (LOCATION AND DEPTH) WITHIN WORK AREA AS A FIRST ITEM OF WORK AND VERIFY PROPOSED DESIGN IS VALID.
- CONTRACTOR SHALL PROTECT IN PLACE THE UTILITY LINES SHOWN AND ANY OTHER LINES NOT OF RECORD OR NOT SHOWN ON THESE PLANS. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE EXISTING UTILITY LINES.
- CONTRACTOR TO VERIFY AND INFORM THE CITY OF ANY FACILITIES ENCOUNTERED IN THE FIELD WHICH IS NOT SHOWN ON THIS PLAN, OR DIFFERS IN LOCATION OR SIZE, PRIOR TO REMOVAL.
- THE CITY MAY IDENTIFY AND REMOVE ANY ITEMS THEY WISH TO RETAIN PRIOR TO THE CONTRACTOR MOVE IN.

NOTE TO CONTRACTOR:

EXACT LOCATION OF EXISTING UNDERGROUND STORM DRAIN LINES ON-SITE ARE UNKNOWN. CONTRACTOR SHALL:

- VERIFY LOCATION, SIZE, ELEVATIONS OF EXISTING STORM DRAIN AND VERIFY DESIGN AS A FIRST ITEM OF WORK. NOTIFY ENGINEER IMMEDIATELY OF ANY REQUIRED CHANGE IN DESIGN.
- CAP EXISTING STORM DRAIN AT DEMOLITION LIMITS - NOTIFY ENGINEER OF ALL LOCATIONS, SIZES AND INVERT ELEVATIONS AT COMPLETION OF DEMOLITION.
- IF INLET PIPES ARE FOUND CONNECTING TO EXISTING GRATES THAT ARE REMOVED DURING THE CONSTRUCTION OF THIS PROJECT (OR PIPES ARE DAMAGED OR REMOVED DURING CONSTRUCTION) THAT RUN OUTSIDE OF DEMOLITION LIMITS, NOTIFY ENGINEER IMMEDIATELY OF THE LOCATION AND SIZE TO INSURE CONTINUITY OF DRAINAGE UPSTREAM.

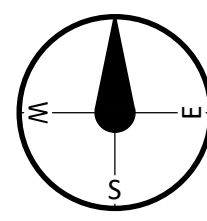
LANDSCAPE IRRIGATION DEMOLITION NOTES:

THE CONTRACTOR SHALL TEMPORARILY RELOCATE ANY IRRIGATION EQUIPMENT (BACKFLOWS, MAINLINE, VALVES, CONTROLLERS, ETC.) TO ENSURE ANY EXISTING IRRIGATION, OUTSIDE THE SCOPE OF WORK, REMAINS IN WORKING ORDER DURING THE TIME OF DEMOLITION AND CONSTRUCTION OF THE NEW FACILITIES. ALL "HIGHLIGHTED" IRRIGATION PIPE AND WIRES SHALL BE INSTALLED ON-GRADE AND WITHIN THE CONSTRUCTION FENCING.

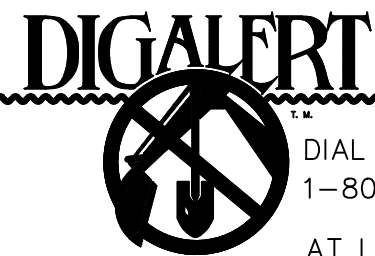
ELECTRICAL DEMOLITION NOTES:

1. ALL EXISTING ELECTRICAL WITHIN THE DEMOLITION AREA SHALL BE REMOVED AS REQUIRED TO CLEAR THE AREA. THIS WORK INCLUDES, BUT IS NOT LIMITED TO, THE FOLLOWING:
 - A. ALL EXISTING WIRE SHALL BE REMOVED FROM CONDUIT.
 - A. ALL EXISTING CONDUIT, THAT INTERFERES WITH ANY NEW CONSTRUCTION SHALL BE CUT BACK AS REQUIRED TO CLEAR NEW CONSTRUCTION.
 - B. FOR EXISTING CONSTRUCTION THAT IS TO BE REMOVED REMOVE ALL EXISTING EXPOSED, SURFACE, AND CONCEALED CONDUIT AND RACEWAYS. RECONNECT EQUIPMENT AND LIGHTING FIXTURES THAT REMAIN AND WHICH ARE NOW FED THROUGH THE CONDUIT AND WIRING TO BE REMOVED.
 - C. DO NOT REUSE SALVAGED MATERIALS AND EQUIPMENT, UNLESS SPECIFICALLY INDICATED ON PLANS OR SPECIFIED. REMOVE FROM PREMISES AND DISPOSE OF ALL MATERIALS CONSIDERED BY ARCHITECT TO BE SCRAP.
2. DISPOSAL OF HAZARDOUS MATERIALS SUCH AS LAMPS SHALL BE DISPOSED OF IN ACCORDANCE WITH ALL STATE AND FEDERAL REQUIREMENTS.

REVIEWED
FOR
CODE COMPLIANCE
Apr 02, 2022
CITY OF GARDENA



SCALE: 1" = 20'
0 10 20 40



DIAL TOLL FREE
1-800-422-4133

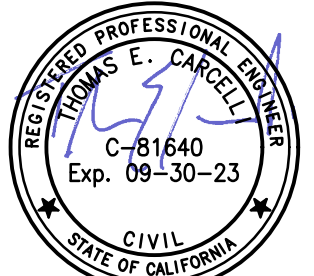
AT LEAST TWO DAYS
BEFORE YOU DIG

UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA



PREPARED BY:

civTEC
999 CORPORATE DR.
SUITE 100
LADERA RANCH, CA 92694
p: 949.463.8822
e: tec@civtec.net



3/08/2022

REVISIONS			
NO.	DESCRIPTION	DATE	APPROVED
B.M.: THE CITY OF GARDENA BENCHMARK NO. SD-15 ELEV. = 43.508'			

CITY OF GARDENA			
DEPARTMENT OF PUBLIC WORKS - ENGINEERING			
DEMOLITION PLAN			
COMMUNITY AQUATICS & SENIOR CENTER			
D-1.01			
DESIGNED BY	INITIAL	DATE	APPROVED BY:
DRAWN BY	TEC	3/8/22	Harold Allen Rigg
CHECKED BY	TEC		DIRECTOR OF PUBLIC WORKS
SHT.	2	OF	4
DWG. NO.	5-2606		

PLT DATE: 3/8/2022

DEMOLITION GENERAL NOTES

1.

CONTRACTOR SHALL CONDUCT A SURVEY OF EXISTING CONDITIONS AND CORRELATE WITH REQUIREMENTS INDICATED TO DETERMINE AND VERIFY THE EXTENT OF DEMOLITION REQUIRED.
2.

CONTRACTOR SHALL RECORD EXISTING CONDITIONS BY USE OF PRE-CONSTRUCTION PHOTOGRAPHS, PRE-CONSTRUCTION VIDEOTAPES, AND DRAWINGS AS APPROPRIATE.
3.

A SURVEY SHALL BE PERFORMED AS WORK PROGRESSES TO DETECT HAZARDS RESULTING FROM DEMOLITION ACTIVITIES.
4.

CONTRACTOR SHALL KEEP INVENTORY AND RECORD THE CONDITION OF ITEMS TO BE REMOVED.
5.

LOCATE ALL EXISTING UTILITIES WHETHER SHOWN HEREON OR NOT AS THE FIRST ITEM OF WORK AND PROTECT THEM FROM DAMAGE. NOTIFY OWNER IMMEDIATELY IF DAMAGE OCCURS AND ASSUME FULL RESPONSIBILITY FOR EXPENSE OF REPAIR OR REPLACEMENT. NOTIFY OWNER'S REPRESENTATIVE IMMEDIATELY SHOULD FIELD CONDITIONS VARY FROM THOSE SHOWN ON PLAN.
6.

WHEN UNANTICIPATED ELECTRICAL, STRUCTURAL, OR OTHER ELEMENTS INCLUDING STORM DRAIN, WATER AND SEWER LINES THAT CONFLICT WITH INTENDED DESIGN ARE ENCOUNTERED, CONTRACTOR SHALL INVESTIGATE AND MEASURE THE NATURE AND EXTENT OF CONFLICT AND CONTRACTOR SHALL PROMPTLY SUBMIT A WRITTEN REPORT TO THE CITY.
7.

CONTRACTOR SHALL LOCATE, IDENTIFY, DISCONNECT, AND SEAL OR CAP OFF INDICATED UTILITY SERVICES AND MECHANICAL/ELECTRICAL SYSTEMS SERVING AREAS TO BE SELECTIVELY DEMOLISHED AND:

•

SHALL ARRANGE TO SHUT OFF INDICATED UTILITIES WITH UTILITY COMPANIES.

•

IF SERVICES/SYSTEMS ARE REQUIRED TO BE REMOVED, RELOCATED, OR ABANDONED, BEFORE PROCEEDING WITH DEMOLITION CONTRACTOR SHALL PROVIDE TEMPORARY SERVICES/SYSTEMS THAT BYPASS AREA OF DEMOLITION AND THAT MAINTAIN CONTINUITY OF SERVICES/SYSTEMS TO OTHER PARTS OF BUILDING AND SITE.

•

SHALL CUT OFF PIPE OR CONDUIT IN WALLS TO BE REMOVED. CAP, VALVE, OR PLUG AND SEAL REMAINING PORTION OF PIPE OR CONDUIT AFTER BYPASSING. WHERE ENTIRE WALL IS TO BE REMOVED, EXISTING SERVICES/SYSTEMS MAY BE REMOVED WITH REMOVAL OF THE WALL. CONTRACTOR SHALL CUT OFF PIPE OR CONDUIT SO IT WILL NOT BE VISIBLE IN FINISHED CONSTRUCTION.

9.

CONTRACTOR SHALL PROTECT EXISTING SERVICES/SYSTEMS INDICATED AGAINST DAMAGE DURING DEMOLITION OPERATIONS.

10.

INACTIVE OR ABANDONED UTILITIES SHALL BE DISCONNECTED, REMOVED, AND PLUGGED OR CAPPED SUBJECT TO THE LOCAL GOVERNING AGENCIES.

11.

ACTIVE UTILITIES SHALL BE PROTECTED BY AND AT THE EXPENSE OF THE CONTRACTOR. KEEP ANY REQUIRED UTILITY IN OPERATING CONDITION DURING THE ENTIRE PERIOD OF WORK, INCLUDING EXISTING IRRIGATION SYSTEMS FOR LANDSCAPE MAINTENANCE.

12.

DO NOT WILLFULLY PROCEED WITH CONSTRUCTION WHEN IT IS OBVIOUS THAT KNOWN OBSTRUCTIONS EXIST THAT MAY NOT HAVE BEEN KNOWN DURING DESIGN. SUCH CONDITIONS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE OWNER'S AUTHORIZED REPRESENTATIVE. ASSUME RESPONSIBILITY FOR ALL NECESSARY REVISION DUE TO FAILURE TO GIVE SUCH NOTIFICATION.

13.

CONTRACTOR SHALL CONDUCT DEMOLITION AND DEBRIS-REMOVAL OPERATIONS TO ENSURE MINIMUM INTERFERENCE WITH ROADS, STREETS, WALKS, WALKWAYS, AND OTHER ADJACENT OCCUPIED AND USED FACILITIES.

14.

CONTRACTOR SHALL PROVIDE TEMPORARY BARRICADES AND OTHER PROTECTION REQUIRED TO PREVENT INJURY TO PEOPLE AND DAMAGE TO ADJACENT BUILDINGS AND FACILITIES TO REMAIN AND:

•

SHALL PROVIDE TEMPORARY WEATHER PROTECTION, DURING THE INTERVAL BETWEEN DEMOLITION OF EXISTING CONSTRUCTION ON EXTERIOR SURFACES AND NEW CONSTRUCTION, TO PREVENT WATER LEAKAGE AND DAMAGE TO STRUCTURE AND INTERIOR AREAS.

•

SHALL PROTECT WORK THAT IS TO REMAIN OR THAT IS EXPOSED DURING DEMOLITION OPERATIONS.

•

SHALL COVER AND PROTECT EQUIPMENT THAT HAS NOT BEEN REMOVED.

15.

CONTRACTOR SHALL PROVIDE AND MAINTAIN SHORING, BRACING, AND STRUCTURAL SUPPORTS AS REQUIRED TO PRESERVE STABILITY AND PREVENT MOVEMENT, SETTLEMENT, OR COLLAPSE OF CONSTRUCTION AND FINISHES THAT REMAIN, AND TO PREVENT UNEXPECTED OR UNCONTROLLED MOVEMENT OR COLLAPSE OF CONSTRUCTION BEING DEMOLISHED. CONTRACTOR SHALL STRENGTHEN OR ADD NEW SUPPORTS WHEN REQUIRED DURING PROGRESS OF DEMOLITION.

16.

DEMOLITION AND REMOVAL WORK SHALL BE CAREFULLY PERFORMED TO AVOID DAMAGE TO EXISTING TREES NOTED ON THE PLANS TO REMAIN.

17.

ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE LATEST ADOPTED EDITIONS OF THE UNIFORM BUILDING CODE, THE AMERICANS WITH DISABILITIES ACT, AND ALL OTHER APPLICABLE LOCAL AND STATE CODES, ORDINANCES AND REGULATIONS.

18.

CONTRACTOR SHALL USE METHODS REQUIRED TO COMPLETE THE WORK WITHIN THE LIMITATIONS OF GOVERNING REGULATIONS AND AS FOLLOWS:

•

SHALL NEATLY CUT OPENINGS AND HOLES PLUMB, SQUARE, AND TRUE TO DIMENSIONS REQUIRED, USING CUTTING METHODS LEAST LIKELY TO DAMAGE CONSTRUCTION TO REMAIN OR ADJOINING CONSTRUCTION. USE HAND TOOLS OR SMALL POWER TOOLS DESIGNED FOR SAWING OR GRINDING, NOT HAMMERING AND CHOPPING, TO MINIMIZE DISTURBANCE OF ADJACENT SURFACES. TEMPORARILY COVER OPENINGS TO REMAIN.

•

SHALL CUT OR DRILL FROM THE EXPOSED OR FINISHED SIDE INTO CONCEALED SURFACES TO AVOID MARRING EXISTING FINISHED SURFACES.

•

SHALL NOT USE CUTTING TORCHES UNTIL WORK AREA IS CLEARED OF FLAMMABLE MATERIALS. AT CONCEALED SPACES, SUCH AS DUCT AND PIPE INTERIORS, VERIFY CONDITION AND CONTENTS OF HIDDEN SPACE BEFORE STARTING FLAME-CUTTING OPERATIONS. MAINTAIN FIRE WATCH AND PORTABLE FIRE-SUPPRESSION DEVICES DURING FLAME-CUTTING OPERATIONS.

•

SHALL MAINTAIN ADEQUATE VENTILATION WHEN USING CUTTING TORCHES.

•

SHALL REMOVE DECAYED, TERMITE-INFESTED, VERMIN-INFESTED, OR OTHERWISE DANGEROUS OR UNSUITABLE MATERIALS AND PROMPTLY DISPOSE OF OFF-SITE.

•

SHALL LOCATE DEMOLITION EQUIPMENT AND REMOVE DEBRIS AND MATERIALS SO AS NOT TO IMPOSE EXCESSIVE LOADS ON STRUCTURES TO REMAIN.

19.

CLEAR THE SITE OF GRASS, WEED GROWTH, RUBBISH, DEBRIS, PAVEMENT, CONCRETE, INACTIVE OR ABANDONED FACILITIES (VERIFIED BY THE AGENCY), THAT ARE TO BE REMOVED FOR CONSTRUCTION OF THE SITE IMPROVEMENTS TO THE LIMITS AND DEPTHS SHOWN ON THE PLANS.

20.

ABANDONED UNDERGROUND FACILITIES (VERIFIED BY THE AGENCY), ROOTS THREE INCHES IN DIAMETER AND LARGER, AND ROCKS AND BROKEN MASONRY LARGER THAN 4 INCHES IN ANY DIMENSION SHALL BE REMOVED TO A MINIMUM DEPTH OF 12" BELOW FINISH GRADE.

21.

ALL DELETERIOUS MATERIALS WITHIN THE LIMITS OF THE WORK SHALL BE DISPOSED OF OFF-SITE BY THE CONTRACTOR, WHO SHALL MAKE ALL NECESSARY ARRANGEMENTS AND PAY ALL RELATED COSTS.

22.

CONTRACTOR SHALL REMOVE DEMOLISHED MATERIALS FROM PROJECT SITE AND LEGALLY DISPOSE OF THEM AT THE CONTRACTOR'S EXPENSE IN AN EPA-APPROVED LANDFILL AND:

•

SHALL NOT ALLOW DEMOLISHED MATERIALS TO ACCUMULATE ON-SITE.

•

SHALL REMOVE AND TRANSPORT DEBRIS IN A MANNER THAT WILL PREVENT SPILLAGE ON ADJACENT SURFACES AND AREAS.

23.

CONTRACTOR SHALL NOT BURN DEMOLISHED MATERIALS.

24.

CONTRACTOR SHALL CLEAN ADJACENT STRUCTURES AND IMPROVEMENTS OF DUST, DIRT, AND DEBRIS CAUSED BY DEMOLITION OPERATIONS AND RETURN ADJACENT AREAS TO CONDITION EXISTING BEFORE DEMOLITION OPERATIONS BEGAN.

GENERAL NOTES:

1.

ALL GRADING AND CONSTRUCTION SHALL CONFORM TO THE CITY OF GARDENA BUILDING CODE AND THE 2019 CALIFORNIA BUILDING CODE AND UNLESS SPECIFICALLY NOTED ON THESE PLANS.

2.

ANY MODIFICATIONS OF OR CHANGES TO APPROVED GRADING PLANS MUST BE APPROVED BY THE BUILDING OFFICIAL.

3.

NO GRADING SHALL BE STARTED WITHOUT FIRST NOTIFYING THE BUILDING OFFICIAL. A PRE-GRADING MEETING AT THE SITE IS REQUIRED BEFORE THE START OF THE GRADING WITH THE FOLLOWING PEOPLE PRESENT: OWNER, GRADING CONTRACTOR, DESIGN CIVIL ENGINEER, SOILS ENGINEER, GEOLOGIST, COUNTY GRADING INSPECTOR(S) OR THEIR REPRESENTATIVES, AND WHEN REQUIRED THE ARCHEOLOGIST OR OTHER JURISDICTIONAL AGENCIES. PERMITEE OR HIS AGENT ARE RESPONSIBLE FOR ARRANGING PRE-GRADE MEETING AND MUST NOTIFY THE BUILDING OFFICIAL AT LEAST TWO BUSINESS DAYS PRIOR TO PROPOSED PRE-GRADE MEETING.

4.

APPROVAL OF THESE PLANS REFLECT SOLELY THE REVIEW OF PLANS IN ACCORDANCE WITH THE COUNTY OF LOS ANGELES BUILDING CODES AND DOES NOT REFLECT ANY POSITION BY THE COUNTY OF LOS ANGELES OR THE DEPARTMENT OF PUBLIC WORKS REGARDING THE STATUS OF ANY TITLE ISSUES RELATING TO THE LAND ON WHICH THE IMPROVEMENTS MAY BE CONSTRUCTED. ANY DISPUTES RELATING TO TITLE ARE SOLELY A PRIVATE MATTER NOT INVOLVING THE COUNTY OF LOS ANGELES OR THE DEPARTMENT OF PUBLIC WORKS.

5.

ALL GRADING AND CONSTRUCTION ACTIVITIES SHALL COMPLY WITH COUNTY OF LOS ANGELES CODE, TITLE 12, SECTION 12.12.030 THAT CONTROLS AND RESTRICTS NOISE FROM THE USE OF CONSTRUCTION AND GRADING EQUIPMENT FROM THE HOURS OF 8:00 PM TO 6:30 AM, AND ON SUNDAYS AND HOLIDAYS. (MORE RESTRICTIVE CONSTRUCTION ACTIVITY TIMES MAY GOVERN, AS REQUIRED BY THE DEPARTMENT OF REGIONAL PLANNING AND SHOULD BE SHOWN ON THE GRADING PLANS WHEN APPLICABLE.)

6.

CALIFORNIA PUBLIC RESOURCES CODE (SECTION 5097.98) AND HEALTH AND SAFETY CODE (SECTION 7050.5) ADDRESS THE DISCOVERY AND DISPOSITION OF HUMAN REMAINS. IN THE EVENT OF DISCOVERY OR RECOGNITION OF ANY HUMAN REMAINS IN ANY LOCATION OTHER THAN A DEDICATED CEMETERY, THE LAW REQUIRES THAT GRADING IMMEDIATELY STOPS AND NO FURTHER EXCAVATION OR DISTURBANCE OF THE SITE, OR ANY NEARBY AREA WHERE HUMAN REMAINS MAY BE LOCATED, OCCUR UNTIL THE FOLLOWING HAS BEEN MEASURED HAVE BEEN TAKEN:

a.

THE COUNTY CORONER HAS BEEN INFORMED AND HAS DETERMINED THAT NO INVESTIGATION OF THE CAUSE OF DEATH IS REQUIRED, AND

b.

IF THE REMAINS ARE OF NATIVE AMERICAN ORIGIN, THE DESCENDANTS FROM THE DECEASED NATIVE AMERICANS HAVE MADE A RECOMMENDATION FOR THE MEANS OF TREATING OR DISPOSING, WITH APPROPRIATE DIGNITY, OF THE HUMAN REMAINS AND ANY ASSOCIATED GRAVE GOODS.

7.

THE LOCATION AND PROTECTION OF ALL UTILITIES IS THE RESPONSIBILITY OF THE PERMITEE.

8.

ALL EXPORT OF MATERIAL FROM THE SITE MUST GO TO A PERMITTED SITE APPROVED BY THE BUILDING OFFICIAL OR A LEGAL DUMPSITE. RECEIPTS FOR ACCEPTANCE OF EXCESS MATERIAL BY A DUMPSITE ARE REQUIRED AND MUST BE PROVIDED TO THE BUILDING OFFICIAL UPON REQUEST.

9.

A COPY OF THE GRADING PERMIT AND APPROVED GRADING PLANS MUST BE IN THE POSSESSION OF A RESPONSIBLE PERSON AND AVAILABLE AT THE SITE AT ALL TIMES.

10.

SITE BOUNDARIES, EASEMENTS, DRAINAGE DEVICES, RESTRICTED USE AREAS SHALL BE LOCATED PER CONSTRUCTION STAKING BY FIELD ENGINEER OR LICENSED SURVEYOR. PRIOR TO GRADING, AS REQUESTED BY THE BUILDING OFFICIAL, ALL PROPERTY LINES, EASEMENTS, AND RESTRICTED USE AREAS SHALL BE STAKED.

11.

NO GRADING OR CONSTRUCTION SHALL OCCUR WITHIN THE PROTECTED ZONE OF ANY OAK TREE AS REQUIRED PER TITLE CHAPTER 22.56 OF THE COUNTY OF LOS ANGELES ZONING CODE. THE PROTECTED ZONE SHALL MEAN THAT AREA WITHIN THE DRIP LINE OF AN OAK TREE EXTENDING THERE FROM A POINT AT LEAST FIVE FEET OUTSIDE THE DRIP LINE, OR 15 FEET FROM THE TRUNK(S) OF A TREE, WHICHEVER IS GREATER.

IF AN OAK TREE PERMIT IS OBTAINED: (ADD THE FOLLOWING NOTE.)

•

ALL GRADING AND CONSTRUCTION WITHIN THE PROTECTED ZONE OF ALL OAK TREES SHALL BE PER OAK TREE PERMIT NO. ALL RECOMMENDATIONS IN THE PERMIT AND ASSOCIATED OAK TREE REPORT MUST BE COMPLIED WITH AND ARE A PART OF THE GRADING PLAN. A COPY OF THE OAK TREE PERMIT AND ASSOCIATED REPORTS SHALL BE MAINTAINED IN THE POSSESSION OF A RESPONSIBLE PERSON AND AVAILABLE AT THE SITE AT ALL TIMES.

12.

THE STANDARD RETAINING WALL DETAILS SHOWN ON THE GRADING PLANS ARE FOR REFERENCE ONLY. STANDARD RETAINING WALLS ARE NOT CHECKED, PERMITTED, OR INSPECTED PER THE GRADING PERMIT. A SEPARATE RETAINING WALL PERMIT IS REQUIRED FOR ALL STANDARD RETAINING WALLS.

NOTE: THIS NOTE ONLY APPLIES TO STANDARD RETAINING WALLS. GEOGRID FABRIC AND SEGMENTAL RETAINING WALLS DO NOT REQUIRE A SEPARATE RETAINING WALL PERMIT. DETAILS AND CONSTRUCTION NOTES FOR ALL GEOGRID WALLS MUST BE ON THE GRADING PLAN.

13.

A PREVENTIVE PROGRAM TO PROTECT THE SLOPES FROM POTENTIAL DAMAGE FROM BURROWING RODENTS IS REQUIRED PER SECTION J101.8 OF THE COUNTY OF LOS ANGELES BUILDING CODE. OWNER IS TO INSPECT SLOPES PERIODICALLY FOR EVIDENCE OF BURROWING RODENTS AND A FIRST EVIDENCE OF THEIR EXISTENCE SHALL EMPLOY AN EXTERMINATOR FOR THEIR REMOVAL.

14.

WHERE A GRADING PERMIT IS ISSUED AND THE BUILDING OFFICIAL DETERMINES THAT THE GRADING WILL NOT BE COMPLETED PRIOR TO NOVEMBER 1, THE OWNER OF THE SITE ON WHICH THE GRADING IS BEING PERFORMED SHALL, ON OR BEFORE OCTOBER 1, FILE OR CAUSE TO BE FILED WITH THE BUILDING OFFICIAL AN ESCP PER SECTION J110.8.3 OF THE COUNTY OF LOS ANGELES BUILDING CODE.

15.

TRANSFER OF RESPONSIBILITY: IF THE ENGINEER, OR THE ENGINEERING GEOLOGIST OF RECORD IS CHANGED DURING GRADING, THE WORK SHALL BE STOPPED UNTIL THE REPLACEMENT HAS AGREED IN WRITING TO ACCEPT THEIR RESPONSIBILITY WITHIN THE AREA OF TECHNICAL COMPETENCE FOR APPROVAL UPON COMPLETION OF THE WORK. IT SHALL BE THE DUTY OF THE PERMITEE TO NOTIFY THE BUILDING OFFICIAL IN WRITING OF SUCH CHANGE PRIOR TO THE RECOMMENCEMENT OF SUCH GRADING.

GENERAL GEOTECHNICAL NOTES

16.

ALL WORK MUST BE IN COMPLIANCE WITH THE RECOMMENDATIONS INCLUDED IN THE GEOTECHNICAL CONSULTANT'S REPORT(S) AND THE APPROVED PLANS AND SPECIFICATIONS.

17.

GRADING OPERATIONS MUST BE CONDUCTED UNDER PERIODIC INSPECTIONS BY THE GEOTECHNICAL CONSULTANTS AS REQUIRED BY THE CITY OF GARDENA.

18.

THE SOIL ENGINEER SHALL PROVIDE SUFFICIENT INSPECTIONS DURING THE PREPARATION OF THE NATURAL GROUND AND THE PLACEMENT AND COMPACTION OF THE FILL TO BE SATISFIED THAT THE WORK IS BEING PERFORMED IN ACCORDANCE WITH THE PLAN AND APPLICABLE CODE REQUIREMENTS.

19.

ROUGH GRADING MUST BE APPROVED BY A FINAL ENGINEERING GEOLOGY AND SOILS ENGINEERING REPORT. AN AS-BUILT GEOLOGIC MAP MUST BE INCLUDED IN THE FINAL GEOLOGY REPORT. PROVIDE A FINAL REPORT STATEMENT THAT VERIFIES WORK WAS DONE IN ACCORDANCE WITH REPORT RECOMMENDATIONS AND CODE PROVISIONS (SECTION J105.12 OF THE COUNTY OF LOS ANGELES BUILDING CODE). THE FINAL REPORT(S) MUST BE SUBMITTED TO THE CITY OF GARDENA FOR REVIEW AND APPROVAL.

20.

ALL REQUIRED THIRD-PARTY TESTING TO BE PROVIDED AT CONTRACTORS EXPENSE.

FILL NOTES

21.

GRADING WORK IS TO ONLY FOLLOW THE DEMOLITION RECOMMENDATIONS IN THE SOILS REPORT.

a.

OVEREXCAVATION AND PREP. FOR THE FUTURE BUILDING PAD IS NOT REQUIRED FOR ROUGH GRADING.

21.

ALL FILL SHALL BE COMPACTED TO THE FOLLOWING MINIMUM RELATIVE COMPACTION CRITERIA:

a.

90 PERCENT OF MAXIMUM DRY DENSITY WITHIN 40 FEET BELOW FINISH GRADE.

b.

93 PERCENT OF MAXIMUM DRY DENSITY DEEPER THAN 40 FEET BELOW FINISH GRADE, UNLESS A LOWER RELATIVE COMPACTION (NOT LESS THAN 90 PERCENT OF MAXIMUM DRY DENSITY) IS JUSTIFIED BY THE GEOTECHNICAL ENGINEER.

THE RELATIVE COMPACTION SHALL BE DETERMINED BY A S.T.M. SOIL COMPACTION TEST D1557-91 WHERE APPLICABLE: WHERE NOT APPLICABLE, A TEST ACCEPTABLE TO THE BUILDING OFFICIAL SHALL BE USED. (SECTION J107.5 OF THE COUNTY OF LOS ANGELES BUILDING CODE.)

22.

FIELD DENSITY SHALL BE DETERMINED BY A METHOD ACCEPTABLE TO THE BUILDING OFFICIAL. (SECTION J107.5 OF THE COUNTY OF LOS ANGELES BUILDING CODE.) HOWEVER, NOT LESS THAN 10% OF THE REQUIRED DENSITY TEST, UNIFORMLY DISTRIBUTED, AND SHALL BE OBTAINED BY THE SAND CONE METHOD.

23.

SUFFICIENT TESTS OF THE FILL SOILS SHALL BE MADE TO DETERMINE THE RELATIVE COMPACTION OF THE FILL IN ACCORDANCE WITH THE FOLLOWING MINIMUM GUIDELINES:

a.

ONE TEST FOR EACH TWO-FOOT VERTICAL LIFT.

b.

ONE TEST FOR EACH 1,000 CUBIC YARDS OF MATERIAL PLACED.

c.

ONE TEST AT THE LOCATION OF THE FINAL FILL SLOPE FOR EACH BUILDING SITE (LOT) IN EACH FOUR-FOOT VERTICAL LIFT OR PORTION THEREOF.

d.

ONE TEST IN THE VICINITY OF EACH BUILDING PAD FOR EACH FOUR-FOOT VERTICAL LIFT OR PORTION THEREOF.

24.

SUFFICIENT TESTS OF FILL SOILS SHALL BE MADE TO VERIFY THAT THE SOIL PROPERTIES COMPLY WITH THE DESIGN REQUIREMENTS, AS DETERMINED BY THE SOIL ENGINEER INCLUDING SOIL TYPES, SHEAR STRENGTHS PARAMETERS AND CORRESPONDING UNIT WEIGHTS IN ACCORDANCE WITH THE FOLLOWING GUIDELINES:

a.

PRIOR AND SUBSEQUENT TO PLACEMENT OF THE FILL, SHEAR TESTS SHALL BE TAKEN ON EACH TYPE OF SOIL OR SOIL MIXTURE TO BE USED FOR ALL FILL SLOPES STEEPER THAN THREE (3) HORIZONTAL TO ONE VERTICAL.

b.

SHEAR TEST RESULTS FOR THE PROPOSED FILL MATERIAL MUST MEET OR EXCEED THE DESIGN VALUES USED IN THE GEOTECHNICAL REPORT TO DETERMINE SLOPE STABILITY REQUIREMENTS. OTHERWISE, THE SLOPE MUST BE REEVALUATED USING THE ACTUAL SHEAR TEST VALUE OF THE FILL MATERIAL THAT IS IN PLACE.

c.

FILL SOILS SHALL BE FREE OF DELETERIOUS MATERIALS.

25.

FILL SHALL NOT BE PLACED UNTIL STRIPPING OF VEGETATION, REMOVAL OF UNSUITABLE SOILS, AND INSTALLATION OF SUBDRAIN (IF ANY) HAVE BEEN INSPECTED AND APPROVED BY THE SOIL ENGINEER. THE BUILDING OFFICIAL MAY REQUIRE A "STANDARD TEST METHOD FOR MOISTURE, ASH, ORGANIC MATTER, PEAT OR OTHER ORGANIC SOILS" ASTM D-2974-87 ON ANY SUSPECT MATERIAL. DETRIMENTAL AMOUNTS OF ORGANIC MATERIAL SHALL NOT BE PERMITTED IN FILLS. SOIL CONTAINING SMALL AMOUNTS OF ROOTS MAY BE ALLOWED PROVIDED THAT THE ROOTS ARE IN A QUANTITY AND DISTRIBUTED IN A MANNER THAT WILL NOT BE DETRIMENTAL TO THE FUTURE USE OF THE SITE AND THE SOILS ENGINEER APPROVES THE USE OF SUCH MATERIAL.

26.

ROCK OR SIMILAR MATERIAL GREATER THAN 12 INCHES IN DIAMETER SHALL NOT BE PLACED IN THE FILL UNLESS RECOMMENDATIONS FOR SUCH PLACEMENT HAVE BEEN SUBMITTED BY THE SOIL ENGINEER AND APPROVED IN ADVANCE BY THE BUILDING OFFICIAL. LOCATION, EXTENT, AND ELEVATION OF ROCK DISPOSAL AREAS MUST BE SHOWN ON AN "AS BUILT" GRADING PLAN.

27.

CONTINUOUS INSPECTION BY THE SOIL ENGINEER, OR A RESPONSIBLE REPRESENTATIVE, SHALL BE PROVIDED DURING ALL FILL PLACEMENT AND COMPACTION OPERATIONS WHERE FILLS HAVE A DEPTH GREATER THAN 30 FEET OR SLOPE SURFACE STEEPER THAN 2:1. (SECTION J107.8 OF THE COUNTY OF LOS ANGELES BUILDING CODE)

28.

CONTINUOUS INSPECTION BY THE SOIL ENGINEER, OR A RESPONSIBLE REPRESENTATIVE, SHALL BE PROVIDED DURING ALL SUBDRAIN INSTALLATION. (PER THE CITY OF GARDENA BUILDING CODE)

29.

FILL SLOPES IN EXCESS OF 2:1 STEEPNESS RATIO ARE TO BE CONSTRUCTED BY THE PLACEMENT OF SOIL AT SUFFICIENT DISTANCE BEYOND THE PROPOSED FINISH SLOPE TO ALLOW COMPACTION EQUIPMENT TO BE OPERATED AT THE OUTER LIMITS OF THE FINAL SLOPE SURFACE. THE EXCESS FILL IS TO BE REMOVED PRIOR TO COMPLETION OF ROUGH GRADING. OTHER CONSTRUCTION PROCEDURES MAY BE USED WHEN IT IS DEMONSTRATED TO THE SATISFACTION OF THE BUILDING OFFICIAL THAT THE ANGLE OF SLOPE, CONSTRUCTION METHOD AND OTHER FACTORS WILL HAVE EQUIVALENT EFFECT. (SECTION J107.5 OF THE COUNTY OF LOS ANGELES BUILDING CODE.)

PRIVATE ENGINEERS NOTICE TO CONTRACTOR(S)

1.

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITIES AND/OR STRUCTURES SHOWN ON THESE PLANS WERE OBTAINED BY A SEARCH OF THE AVAILABLE RECORDS. APPROVAL OF THESE PLANS BY THE CITY DOES NOT CONSTITUTE A REPRESENTATION AS TO THE ACCURACY OR COMPLETENESS OF THE LOCATION OR THE EXISTENCE OR NONEXISTENCE OF ANY UTILITY AND/OR STRUCTURE WITHIN THE LIMITS OF THIS PROJECT. THE CONTRACTOR IS REQUIRED TO TAKE ALL DUE PRECAUTIONARY MEANS TO PROTECT THE UTILITIES OF RECORD OR NOT OF RECORD OR NOT SHOWN ON THESE PLANS.

2.

RELOCATION OR REMOVAL OF ANY EXISTING UTILITIES SHALL BE PERFORMED BY THE RESPECTIVE UTILITY OWNERS, AT THE EXPENSE OF THE CONTRACTOR.

3.

UNAUTHORIZED CHANGES & USES: THE ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE FOR, OR LIABLE FOR, UNAUTHORIZED CHANGES TO OR USES OF THESE PLANS. ALL CHANGES TO THE PLANS MUST BE IN WRITING AND MUST BE APPROVED BY THE PREPARER OF THESE PLANS AND THE CITY.

CONTRACTOR'S RESPONSIBILITY

THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN ON THESE DRAWINGS. THE CONTRACTOR FURTHER ASSUMES ALL LIABILITY AND RESPONSIBILITY FOR THE UTILITY PIPES, CONDUITS OR STRUCTURES SHOWN OR NOT SHOWN ON THESE DRAWINGS.

THE CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY THAT THIS REQUIREMENT SHALL APPLY CONTINUOUS AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND ENGINEER HARMLESS FROM ANY AND ALL LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR ENGINEER.

DIAL TOLL FREE
1-800-422-4133

AT LEAST TWO DAYS
BEFORE YOU DIG

UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA

PREPARED BY:

civTEC
999 CORPORATE DR.
SUITE 100
LADERA RANCH, CA 92694
P: 949.463.8822
E: tec@civtec.net

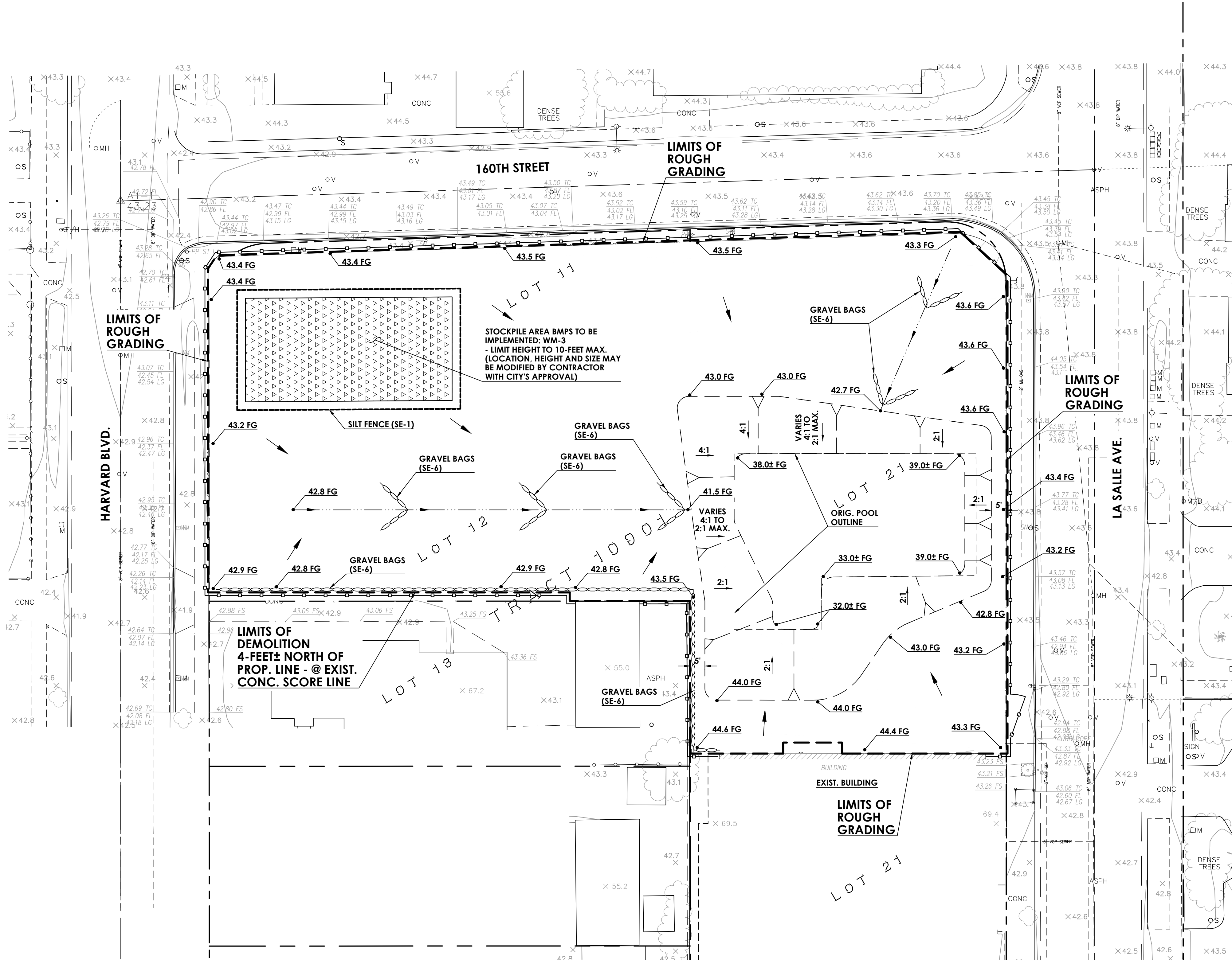
3/08/2022

REVISIONS			
NO.	DESCRIPTION	DATE	APPROVED

B.M.: THE CITY OF GARDENA BENCHMARK NO. 5D-15
ELEV. = 43.508'

CITY OF GARDENA			
DEPARTMENT OF PUBLIC WORKS - ENGINEERING			
DEMOLITION PLAN ADDITIONAL NOTES			
COMMUNITY AQUATICS & SENIOR CENTER			
D-1.02			
DESIGNED BY	INITIAL	DATE	APPROVED BY:
DRAWN BY	TEC	3/8/22	<i>Harold Allan Rigg</i>
CHECKED BY	STAFF	DATE	DIRECTOR OF PUBLIC WORKS
	TEC		
SHT.	3	OF	4
DWG. NO.	5-2606		

PLOT DATE: 3/8/2022



ROUGH GRADE GENERAL NOTES

SEE SHEET D-1.02 FOR ADDITIONAL NOTES.

LEGEND

	PROPERTY LINE
	EXISTING CONTOUR
	EXISTING SPOT ELEVATION
	PROPOSED SLOPE
	EXISTING UTILITY LINE (TYPE AND SIZE AS NOTED)
	GRADE BREAK LINE
	FLOWLINE
	LIMITS OF ROUGH GRADING
	4-FOOT TALL CONSTRUCTION FENCE - LOCATION MAY BE REVISED WITH CITY APPROVAL
	GRAVEL BAGS (SE-6)

B.O.W.	BACK OF WALK
BLDG.	BUILDING
C.B.	CATCH BASIN
C.I.F.	CHAIN LINK FENCE
C&G	CURB & GUTTER
C.L.	CENTERLINE
C.O.	CLEANOUT
CONC.	CONCRETE
D.G.	DECOMPOSED GRANITE
DWY.	DRIVEWAY
D.F.	DRINKING FOUNTAIN
ELEC.	ELECTRIC
E.P.	EDGE OF PAVEMENT
F.F.	FINISHED FLOOR
F.H.	FIRE HYDRANT
F.L.	FLOWLINE
F.S.	FINISHED SURFACE
G.B.	GRADE BREAK
H.C.	HANDICAP
H.P.	HIGH POINT
INV.	INVERT
IRR. OR IRRIG.	IRRIGATION
L.P.	LOW POINT
M.H.	MANHOLE
P/A	PLANTER AREA
P.P.	POWER POLE
P.O.C.	POINT OF CONNECTION
R.D.	ROOF DRAIN
R.O.W.	RIGHT OF WAY
SD	STORM DRAIN
ST.	STREET
T.C.	TOP OF CURB
T.D.	TOP OF DECK
TEL.	TELEPHONE
T.G.	TOP OF GRATE
T.H.W.	TOP OF HEADWALL
T.F.	TOP OF FOOTING
T.O.S.	TOP OF SUBGRADE
T.W.	TOP OF WALL
S	SANITARY SEWER
W	WATER
W.I.F.	WROUGHT IRON FENCE
W.M.	WATER METER
W.V.	WATER VALVE

BASIS OF BEARINGS

BEARINGS SHOWN HEREON ARE BASED ON THE CENTERLINE OF 162 ND STREET (FORMERLY MARKET STREET) BEING N 89° 55' 30" E SHOWN ON TRACT NO. 10901, M.B. 254/31-32.

BENCHMARK

THE CITY OF GARDENA BENCHMARK NO. 5D-15

ELEV. = 43.508'

EARTHWORK **

AREA DISTURBED:	0.85± ACRES
CUT	900 CUBIC YARDS
FILL	175 CUBIC YARDS
STOCKPILE	725 CUBIC YARDS

* THE ABOVE CUT/FILL QUANTITIES ARE FOR PERMIT PURPOSES ONLY. THIS CALCULATION DOES NOT INCLUDE SOILS FROM BUILDING OR WALL FOOTINGS, NOR ANY UTILITY TRENCHING. CONTRACTOR SHALL REFER TO THE SOILS REPORT FOR STATEMENTS CONCERNING GRADING REQUIREMENTS. THIS CALCULATION ALSO ASSUMES THAT THE EXISTING CONCRETE AND ASPHALT SURFACES WILL BE REMOVED FROM THE SITE AND NOT BE REPURPOSED FOR ONSITE FILL.

** NOTICE TO THE CONTRACTOR

THE ESTIMATES OF IMPROVEMENT AND GRADING QUANTITIES AS SHOWN HEREON ARE PROVIDED FOR SATISFYING PLAN CHECK INFORMATION REQUIREMENTS ONLY. THE CONTRACTOR SHALL PERFORM AN INDEPENDENT ESTIMATE OF ALL IMPROVEMENT QUANTITIES INCLUDING GRADING QUANTITIES, AND SHALL USE SAME AS A BASIS FOR HIS BID(S) AND CONTRACT(S).

THE GRADING CONTRACTOR SHALL BE RESPONSIBLE AND ACCOUNT FOR DISTRIBUTING ANY EXCESS MATERIAL OR SUPPLYING ANY DEFICIENCIES TO BRING THE SITE TO DESIGN GRADE.

FILL NOTES

- GRADING WORK IS TO ONLY FOLLOW THE DEMOLITION RECOMMENDATIONS IN THE SOILS REPORT.
 - OVEREXCAVATION AND PREP. FOR THE FUTURE BUILDING PAD IS NOT REQUIRED FOR ROUGH GRADING.
 - ALL FILL SHALL BE COMPACTED TO THE FOLLOWING MINIMUM RELATIVE COMPACTION CRITERIA:
 - 90 PERCENT OF MAXIMUM DRY DENSITY WITHIN 40 FEET BELOW FINISH GRADE.
 - 93 PERCENT OF MAXIMUM DRY DENSITY DEEPER THAN 40 FEET BELOW FINISH GRADE, UNLESS A LOWER RELATIVE COMPACTION (NOT LESS THAN 90 PERCENT OF MAXIMUM DRY DENSITY) IS JUSTIFIED BY THE GEOTECHNICAL ENGINEER.
- THE RELATIVE COMPACTION SHALL BE DETERMINED BY A.S.T.M. SOIL COMPACTION TEST D1557-91 WHERE APPLICABLE: WHERE NOT APPLICABLE, A TEST ACCEPTABLE TO THE BUILDING OFFICIAL SHALL BE USED. (SECTION J107.5 OF THE COUNTY OF LOS ANGELES BUILDING CODE.)

NOTE TO CONTRACTOR:
ALL UTILITIES SHOULD BE SHUT OFF AND CAPPED PER UTILITY COMPANY REQUIREMENTS.
CONTRACTOR SHALL COORDINATE WITH APPROPRIATE UTILITY COMPANY PRIOR TO COMMENCEMENT OF WORK.

NOTE TO CONTRACTOR:
INSTALL 6-FOOT CHAIN LINK FENCE WITH WINDSCREEN AND GATES, WHERE NECESSARY, ALONG THE PERIMETER OF THE SITE AS NEEDED.
CONTRACTOR SHALL PROTECT THESE FENCES AND KEEP AREA FULLY SECURE DURING DEMOLITION.

NOTE TO CONTRACTOR:
ALL GRADING AND EARTHWORK IS TO BE DONE IN ACCORDANCE WITH THE EARTHWORK SPECIFICATION AND AS DIRECTED BY THE GEOTECHNICAL ENGINEER.
ALL COMPACTION OF NEW FILL SOILS IS TO BE DONE IN ACCORDANCE WITH THE EARTHWORK SPECIFICATION AND AS DIRECTED BY THE GEOTECHNICAL ENGINEER.

NOTE TO CONTRACTOR:
THE DEMOLITION CONTRACTOR SHALL MAINTAIN THE EXCAVATION IN COMPLIANCE WITH THE STORMWATER REGULATIONS AND PROVIDE PUMPING AND DESILTING DEVICES WHILE THE UNDER CONTRACT TO THE END OF THE RAINY SEASON, BEING APRIL 1. THE CITY WILL ONLY COVER PUMPING OF THE POOL EXCAVATION AFTER THE DEMOLITION CONTRACT NOTICE OF COMPLETION IS FILED.

STORMWATER MITIGATION MEASURES (BMPs)

THE FOLLOWING BMP'S AS OUTLINED IN, BUT NOT LIMITED TO, THE BEST MANAGEMENT PRACTICE HANDBOOK, CALIFORNIA STORMWATER QUALITY TASK FORCE, SACRAMENTO, CALIFORNIA 2009, OR THE LATEST REVISED EDITION, APPLY DURING THE CONSTRUCTION OF THIS PROJECT. (ADDITIONAL MEASURES MAY BE REQUIRED IF DEEMED APPROPRIATE BY CITY INSPECTORS)

- | | |
|---|--|
| NS-1 WATER CONSERVATION PRACTICES * | WE-1 WIND EROSION CONTROL |
| NS-2 DEWATERING OPERATIONS * | TC-1 STABILIZED CONSTRUCTION ENTRANCE * |
| NS-3 PAVING OPERATIONS * | TC-3 ENTRANCE OUTLET TIRE WASH * |
| NS-7 POTABLE WATER/IRRIGATION * | SE-1 SILT FENCE |
| WM-1 MATERIAL DELIVERY AND STORAGE * | SE-4 CHECK DAMS |
| WM-2 MATERIAL USE * | SE-5 FIBER ROLLS |
| WM-3 STOCKPILE MANAGEMENT * | SE-6 GRAVEL BAG BERM |
| WM-4 SPILL PREVENTION AND CONTROL * | SE-7 STREET SWEEPING AND VACUUMING |
| WM-5 SOLID WASTE MANAGEMENT * | SE-9 STRAW BALE BARRIERS |
| WM-6 HAZARDOUS WASTE MANAGEMENT * | SE-10 STORM DRAIN INLET PROTECTION |
| WM-7 CONTAMINATED SOIL MANAGEMENT * | EC-1 SCHEDULING |
| WM-8 CONCRETE WASTE MANAGEMENT * | EC-2 PRESERVATION OF EXISTING VEGETATION |
| WM-9 SANITARY-SEPTIC WASTE MANAGEMENT * | EC-5 SOIL BINDERS |
| NS-8 VEHICLE AND EQUIPMENT CLEANING * | |
| NS-9 VEHICLE AND EQUIPMENT FUELING * | |
| NS-10 VEHICLE AND EQUIPMENT MAINTENANCE * | |

NOTE:
* LOCATIONS TO BE DETERMINED BY CONTRACTOR AND APPROVED BY CITY INSPECTOR



PREPARED BY:
civTEC
999 CORPORATE DR.
SUITE 100
LADERA RANCH, CA 92694
p: 949.463.8822
e: tec@civtec.net



REVISIONS			
NO.	DESCRIPTION	DATE	APPROVED

CITY OF GARDENA
DEPARTMENT OF PUBLIC WORKS - ENGINEERING
ROUGH GRADE PLAN
COMMUNITY AQUATICS & SENIOR CENTER
D-1.03

DESIGNED BY	INITIAL	DATE	APPROVED BY:
DRAWN BY	TEC	3/8/22	Harold Allen Rigg
CHECKED BY	STAFF	DATE	DIRECTOR OF PUBLIC WORKS
	TEC		
SHT.	4	OF	4
DWG. NO.	5-2606		

DEMOLITION ONLY
REVIEWED
FOR
CODE COMPLIANCE
Apr 02, 2022
CITY OF GARDENA

