

PROJECT

CITY OF EL SEGUNDO WATER RESERVOIR DEMOLITION 400 LOMITA ST EL SEGUNDO, CA 90245

KARDENT ARCHITECTURE | DESIGN

11 Golden Shore, Suite 540 | Long Beach | CA 90802 | 562.436.9900

ARCHITECT:



DATE SIGNED: 9/05/24

CONSULTANT:

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REVISIONS:

Table with columns: NO., DATE, DESCRIPTION. Includes revision entries for plan check, submittal, and corrections.

PLAN CHECK: TBD

PROJECT:

CITY OF EL SEGUNDO DEMOLITION OF RESERVOIR

400 LOMITA ST EL SEGUNDO, CA 90245

DRAWN BY: CHECKED BY: I

SHEET TITLE: COVER SHEET

SHEET NUMBER: A-0.0

PROJECT: 10389.12 SCALE: AS NOTED DATE: AUG 2024

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ABBREVIATIONS

Table of abbreviations and their corresponding full names, such as (E) EXISTING, (N) NEW, (A) ANGLE, etc.

G.C. DEMOLITION NOTES

- 1. REVIEW CONSTRUCTION DOCUMENTS AND FIELD CONDITIONS PRIOR TO COMMENCING WITH DEMOLITION AND IMMEDIATELY REPORT DISCREPANCIES TO KARDENT FOR DIRECTION ON HOW TO PROCEED
2. DEMOLITION IS NOT NECESSARILY LIMITED TO WHAT IS SHOWN, BUT IS TO INCLUDE WHAT IS NECESSARY TO COMPLETE THE WORK IN ACCORDANCE WITH FULL SCOPE OF THESE DOCUMENTS
3. PROTECT EXISTING CONSTRUCTION PRIOR TO AND DURING DEMOLITION PHASE...

G.C. SUBMITTAL PROCEDURES

- 1. REVIEW ALL SUBCONTRACTORS' SUBMITTED DRAWINGS AND CUT SHEETS, VERIFY FIELD MEASUREMENTS AS REQUIRED AND SUBMIT TO KARDENT FOR REVIEW AND APPROVAL
2. DISAPPROVE AND RETURN TO SUBCONTRACTOR ANY SUBMITTALS NOT MEETING THE REQUIREMENTS OF THE CONTRACT DOCUMENTS...
3. KARDENT WILL REVIEW, AND EITHER ACCEPT OR REJECT, WITH REASONABLE PROMPTNESS AND AS OUTLINED IN THE ACCEPTED SUBMITTAL SCHEDULE, DATA, AND DRAWINGS SUBMITTED BY THE CONTRACTOR...

G.C. GENERAL NOTES

- 1. VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS PRIOR TO COMMENCEMENT OF WORK. THIS INCLUDES: UTILITIES, ALL OTHER WORKS AND FACILITIES THAT AFFECT THIS PROJECT...
2. ANY DISCREPANCIES, CONFLICTS OR OMISSIONS ETC., SHALL BE NOTIFIED TO KARDENT PRIOR TO PROCEEDING WITH THE WORK
3. SUBMIT TO THE CLIENT REPRESENTATIVE A DETAILED CONSTRUCTION SCHEDULE INDICATING PHASING OF WORK FROM START TO FINISH OF PROJECT...

SCOPE OF WORK

COMPLETE DEMOLITION AND RE-GRADE OF EXISTING ABANDONED CONCRETE RESERVOIR. REMOVAL OF CONCRETE WALLS, BERMS, UNDERGROUND PIPING, CONDUIT AND EXISTING LIGHT POLES...

DEMOLITION AND CONSTRUCTION OF A 4'-0" PARKWAY DRAIN WILL ALSO BE REQUIRED AT THE PUBLIC SIDEWALK LOCATED AT GRAND AVE. IN ADDITION TO THE REMOVAL OF SEVERAL EXISTING TREES.

CODE COMPLIANCE

THE CONTRACTOR SHALL CONFORM TO ALL CODES, ORDINANCES, ETC. WHICH HAVE JURISDICTION OVER THE WORK. THE CONTRACTOR SHALL RETAIN RESPONSIBILITY FOR COMPLIANCE WITH LATEST REVISIONS OF ALL OTHER APPLICABLE CODES AND ORDINANCES INCLUDING THE FOLLOWING:

CALIFORNIA CODE OF REGULATIONS: TITLE 19 - CALIFORNIA CODE OF REGULATIONS

TITLE 24 - BUILDING STANDARDS CODE: 2022 CALIFORNIA ADMINISTRATIVE CODE 2022 CALIFORNIA ENERGY CODE - TITLE 24 2022 CALIFORNIA BUILDING CODE (CBC) 2022 CALIFORNIA ELECTRICAL CODE (CEC) 2022 CALIFORNIA MECHANICAL CODE (CMC) 2022 CALIFORNIA PLUMBING CODE (CPC) 2022 CALIFORNIA FIRE CODE (CFC) 2022 CALIFORNIA GREEN BUILDING STANDARDS CODE (CGBSC)

CITY OF EL SEGUNDO MUNICIPAL CODE

G.C. STORM WATER PREVENTION NOTES

- 1. FUELS, OIL, SOLVENTS & OTHER TOXIC MATERIALS SHALL BE STORED IN ACCORDANCE WITH THEIR LISTING & ARE NOT TO CONTAMINATE THE SOIL & SURFACE WATERS...
2. EXCESS OR WASTE CONCRETE MAY NOT BE WASHED INTO THE PUBLIC WAY OR ANY OTHER DRAINAGE SYSTEM...
3. TRASH & CONSTRUCTION SOLID WASTES SHALL BE DEPOSITED INTO A COVERED RECEPTACLE TO PREVENT CONTAMINATION OF RAINWATER & DISPERSAL BY WIND...

G.C. CONSTRUCTION WASTE NOTES

- 1. CONSTRUCTION WASTE MATERIALS ARE TO BE RECYCLED, CONTRACTOR TO FOLLOW THE REQUIREMENTS OF THE LOCAL JURISDICTION, CONTRACTOR TO SUBMIT WASTE MANAGEMENT FORMS AND DEPOSIT PRIOR TO PULLING PERMITS.

DRAWING INDEX

ARCHITECTURAL

Table with columns: SHEET, DESCRIPTION. Includes A-0.0 COVER SHEET and A-0.1 CITY OF EL SEGUNDO BUILDING & SAFETY FORMS.

CIVIL DRAWINGS

Table with columns: SHEET, DESCRIPTION. Includes C-1.0 DEMOLITION PLAN, C-2.0 FINE GRADING AND DRAINAGE PLAN, C-2.1 FINE GRADING PROFILES, C-3.0 EROSION AND SEDIMENT CONTROL COVER SHEET, C-3.1 EROSION AND SEDIMENT CONTROL PLAN.

PROJECT TEAM

CLIENT

CITY OF EL SEGUNDO 350 MAIN STREET EL SEGUNDO, CA 90245

CONTACT: JAMES RICE PHONE: (310) 524-2316 EMAIL: JRICE@ELSEGUNDO.ORG

ARCHITECT

KARDENT 11 GOLDEN SHORE, SUITE 540 LONG BEACH, CA 90802

CONTACT: MARK QUEVEDO PHONE: 562-436-9900 EMAIL: MQUEVEDO@KARDENTDESIGN.COM

CIVIL ENGINEER

QUIROZ & ASSOCIATES, INC. 3716 E 3rd STREET LOS ANGELES, CA 90063

CONTACT: ROQUE QUIROZ, PE PHONE: 323-236-7442 EMAIL: ROQUE@QUIROZINC.COM

VICINITY MAP



Table with 12 columns: Hauler Name, Customer Number, Office Hours, Address, Website, Dumping Service, Roll-Off Bin Service, Food Waste Service, Green Waste Service. Lists various waste management companies and their services.

Notes regarding hauler services, including information about food waste and green waste collection services.

Table with 12 columns: Hauler Name, Customer Number, Office Hours, Address, Website, Dumping Service, Roll-Off Bin Service, Food Waste Service, Green Waste Service. Lists various waste management companies and their services.

Notes regarding hauler services, including information about food waste and green waste collection services.

ATTACHMENT A BEST MANAGEMENT PRACTICES FOR CONSTRUCTION ACTIVITIES. Storm Water Pollution Control Requirements for Construction Activities. Minimum Water Quality Protection Requirements for All Development Construction Projects/Certification Statement.

WASTE MANAGEMENT PLAN (WMP)/RECYCLING SUMMARY REPORT (RSR) PROJECT DIVERSION ACHIEVED. Verifiable Project Diversion-Waste Reduction and Recycling Plan (Salvage, Reuse or Recycle). Includes tables for Material Type, Estimated Total Debris Quantity, and Overall Recycling Rate.

WHAT ARE CONSTRUCTION AND DEMOLITION MATERIALS? Materials and Components table. Compliance section. ESTIMATION OF DEBRIS TONNAGE. Includes instructions on how to use the chart and calculate debris tonnage.

WASTE REDUCTION AND RECYCLING PLAN Compliance Report 2022 CALGREEN CODE. PROJECT INFORMATION: CITY PROJECT FOR DEMOLITION OF EXISTING ABANDONED WATER RESERVOIR. PROJECT OWNER CONTACT INFORMATION: JAMES RICE.

Construction and Demolition Debris Recycling Facilities in Los Angeles County. Lists facilities for Mixed Debris, Inert Debris, and Land Clearing Debris with location, facility name, and phone number.

Notes regarding the recycling facilities list, including information about authorized haulers and how to update the list.

CONSTRUCTION AND DEMOLITION MATERIALS CONVERSION WORKSHEET. Use this worksheet to convert from common construction units to TONS. Includes columns for Material Category, Volume, Unit, Tons/Unit, and Tons.

CALGREEN CODE - CONSTRUCTION WASTE REDUCTION, DISPOSAL AND RECYCLING. 4.408.1, 4.408.1.1, 4.408.1.2, 4.408.1.3, 4.408.1.4, 5.408.3. Includes methods of compliance and recycling by occupants.

KARDENT ARCHITECTURE | DESIGN

11 Golden Shore, Suite 540 | Long Beach | CA 90802 | 562.436.9900



DATE SIGNED: 9/10/24

CONSULTANT:

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REVISIONS table with columns: NO., DATE, DESCRIPTION. Lists revisions for plan check and submittal.

PLAN CHECK: TBD

PROJECT: CITY OF EL SEGUNDO DEMOLITION OF RESERVOIR

400 LOMITA ST EL SEGUNDO, CA 90245

DRAWN BY: SHEET TITLE: CITY OF EL SEGUNDO BUILDING & SAFETY FORMS

CITY OF EL SEGUNDO BUILDING & SAFETY FORMS

SHEET NUMBER: A-0.1

PROJECT: 10389.12 SCALE: AS NOTED DATE: AUG 2024

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PLANNING DEPARTMENT/CITY OF EL SEGUNDO, WATER DEPT. RESOURCES/ENGINEERING/CONSTRUCTION/EL SEGUNDO, CA, CITY OF EL SEGUNDO

CITY OF EL SEGUNDO WATER RESERVOIR DEMOLITION PC # COM-24-377

KARDENT

ARCHITECTURE | DESIGN

11 Golden Shore, Suite 540 | Long Beach | CA 90802 | 562.436.9900

CIVIL ENGINEER:



DATE SIGNED: 06/20/2025

CONSULTANT:



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	03/13/2025	PC SUBMITTAL
	04/23/2025	PLAN CHECK CORRECTIONS
	05/06/2025	PLAN CHECK CORRECTIONS
	06/20/2025	PLAN CHECK CORRECTIONS

PLAN CHECK: TBD

PROJECT:

CITY OF EL SEGUNDO
DEMOLITION OF RESERVOIR

400 LOMITA ST
EL SEGUNDO, CA 90245

DRAWN BY: NBP
CHECKED BY: RQ

SHEET TITLE:
DEMOLITION PLAN

SHEET NUMBER:
C-1.0

PROJECT: 10389.12
SCALE: AS NOTED
DATE: AUG 2024

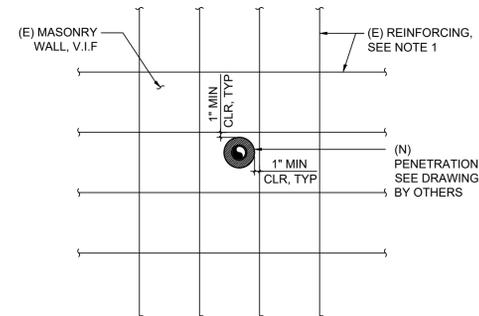
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PRIVATE ENGINEERS NOTE TO CONTRACTOR

- THE FOLLOWING NOTES ARE PROVIDED TO GIVE DIRECTIONS TO THE CONTRACTOR BY THE ENGINEER OF WORK. THE CITY ENGINEER'S SIGNATURE ON THESE PLANS DOES NOT CONSTITUTE APPROVAL OF ANY OF THESE NOTES AND THE CITY WILL NOT BE HELD RESPONSIBLE FOR THEIR ENFORCEMENT.
- NEITHER THE OWNER, NOR THE ENGINEER OF WORK WILL ENFORCE SAFETY MEASURES OR REGULATIONS. THE CONTRACTOR SHALL DESIGN, CONSTRUCT, AND MAINTAIN ALL SAFETY DEVICES, INCLUDING SHORING, AND SHALL BE SOLELY RESPONSIBLE FOR CONFORMING TO ALL LOCAL, STATE AND FEDERAL SAFETY AND HEALTH STANDARDS, LAWS, AND REGULATIONS.
- CONTRACTOR AGREES THAT THEY 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, AND THIS REQUIREMENT SHALL APPLY CONTINUOUSLY 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, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT EXCEPT LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR THE ENGINEER.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO INSURE THAT ALL SLOPES, STREETS, UTILITIES, AND STORM DRAINS ARE BUILT IN ACCORDANCE WITH THESE PLANS. IF THERE IS ANY QUESTION REGARDING THESE PLANS OR FIELD STAKES, THE CONTRACTOR SHALL REQUEST AN INTERPRETATION BEFORE DOING ANY WORK BY CALLING THE ENGINEER OF WORK AT 323-236-7442. THE CONTRACTOR SHALL ALSO TAKE THE NECESSARY STEPS TO PROTECT THE PROJECT AND ADJACENT PROPERTY FROM ANY EROSION AND SILTATION THAT RESULT FROM HIS OPERATIONS BY APPROPRIATE MEANS (SAND BAGS, HAY BALES, TEMPORARY DESILTING BASINS, DIKES, SHORING, ETC.) UNTIL SUCH TIME THAT THE PROJECT IS COMPLETED AND ACCEPTED FOR MAINTENANCE BY WHATEVER OWNER, AGENCY, OR ASSOCIATION IS TO BE ULTIMATELY RESPONSIBLE FOR MAINTENANCE.
- EXCEPT AS NOTED HEREON ALL UTILITY SERVICES WITHIN THIS DEVELOPMENT ARE UNDERGROUND INSTALLATIONS. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES PRIOR TO STARTING WORK NEAR THEIR FACILITIES, AND SHALL COORDINATE HIS WORK WITH COMPANY REPRESENTATIVES. FOR UTILITY MARK-OUT SERVICE, CALL 811.
- THE EXISTENCE AND LOCATION OF UNDERGROUND UTILITIES OR STRUCTURES SHOWN ON THESE PLANS WERE OBTAINED FROM A SEARCH OF THE AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE THERE ARE NO OTHER EXISTING UTILITIES EXCEPT AS SHOWN ON THESE PLANS. NO REPRESENTATION IS MADE AS TO THE ACCURACY OR COMPLETENESS OF SAID UTILITY INFORMATION. THE CONTRACTOR IS REQUIRED TO TAKE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN HEREON AND ANY OTHERS NOT OF RECORD OR NOT SHOWN ON THESE PLANS AND IS RESPONSIBLE FOR THE PROTECTION OF OR ANY DAMAGE TO THESE LINES OR STRUCTURES. ALL DAMAGES THERETO CAUSED BY THE CONTRACTOR SHALL BE REPAIRED TO THE APPROPRIATE SPECIFICATIONS AND STANDARDS AT THE EXPENSE OF THE CONTRACTOR.
- CONTRACTOR SHALL VERIFY LOCATION AND ELEVATION OF EXISTING IMPROVEMENTS AT ALL JOIN CONDITIONS BY FIELD MEASUREMENTS PRIOR TO CONSTRUCTION OF NEW WORK AND SHALL REPORT ALL DISCREPANCIES TO THE ENGINEER PRIOR TO COMMENCEMENT OF WORK.
- CONTRACTOR SHALL MAKE EXPLORATORY EXCAVATIONS AND LOCATE EXISTING UNDERGROUND FACILITIES SUFFICIENTLY AHEAD OF CONSTRUCTION TO PERMIT REVISIONS TO PLANS IF REVISIONS ARE NECESSARY BECAUSE OF ACTUAL LOCATION OF EXISTING FACILITIES.
- WHERE TRENCHES ARE WITHIN 10 FEET OF FUTURE BUILDING SITES, SOILS REPORTS SHALL BE SUBMITTED TO THE ENGINEER OF WORK BY A QUALIFIED SOILS ENGINEER WHICH CERTIFY THAT TRENCH BACKFILL WAS COMPACTED AS DIRECTED BY THE SOILS ENGINEER IN ACCORDANCE WITH THE ON-SITE EARTHWORK SPECIFICATIONS.
- ANY WORK DONE WITHOUT INSPECTION OR MATERIALS TESTING IS SUBJECT TO REMOVAL OR CORRECTION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL OF ANY DAMAGE TO THE EXISTING IMPROVEMENTS AND REPLACEMENT TO THE SATISFACTION OF THE FIELD ENGINEER.
- CONSTRUCTION EQUIPMENT SHALL BE PROPERLY OUTFITTED AND MAINTAINED WITH NOISE REDUCTION DEVICES TO MINIMIZE CONSTRUCTION-GENERATED NOISE.
- PRIOR TO COMMENCING CONSTRUCTION, THE CONTRACTOR SHALL VERIFY ALL JOIN CONDITIONS FOR GRADING, DRAINAGE AND UNDERGROUND FACILITIES, INCLUDING LOCATION AND ELEVATION OF EXISTING UNDERGROUND FACILITIES AT CROSSINGS WITH PROPOSED UNDERGROUND FACILITIES. IF CONDITIONS DIFFER FROM THOSE SHOWN ON THE PLANS THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND SHALL NOT BEGIN CONSTRUCTION UNTIL THE CHANGED CONDITIONS HAVE BEEN EVALUATED.
- THE CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH THE PLANS, THE SOILS AND/OR GEOLOGY REPORTS, AND THE SITE CONDITIONS PRIOR TO COMMENCING WORK.
- SHOULD CONFLICTING INFORMATION BE FOUND ON THE PLANS OR IN THE FIELD, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER AT QUIROZ AND ASSOCIATES, INC. BEFORE PROCEEDING WITH THE WORK IN QUESTION.
- THE CONTRACTOR SHALL NOTIFY THE BUILDING SAFETY DIVISION AT LEAST 24 HOURS IN ADVANCE TO REQUEST NECESSARY INSPECTIONS. THIS INSPECTION MUST BE APPROVED PRIOR TO BUILDING PERMIT FINAL INSPECTION FOR THIS SCOPE OF WORK.

DEMOLITION NOTES

- ALL MATERIAL REMOVED FROM THIS SITE BY THE CONTRACTOR SHALL BE DISPOSED OF BY THE CONTRACTOR IN A LEGAL MANNER.
- REFER TO THE TOPOGRAPHIC SURVEY FOR ADDITIONAL DETAILS OF EXISTING STRUCTURES, ETC., LOCATED WITHIN THE PROJECT SITE. UNLESS OTHERWISE NOTED, ALL EXISTING BUILDINGS, STRUCTURES, SLABS, CONCRETE, ASPHALT, DEBRIS PILES, SIGNS, AND ALL APPURTENANCES ARE TO BE REMOVED FROM THE SITE BY THE CONTRACTOR AND PROPERLY DISPOSED OF IN A LEGAL MANNER AS PART OF THIS CONTRACT. SOME ITEMS TO BE REMOVED MAY NOT BE DEPICTED ON THE TOPOGRAPHIC SURVEY. REFER TO THE DEMOLITION PLAN FOR THE LIMITS OF ASPHALT REMOVAL (THE EXISTING PARKING LOT IS TO REMAIN). IT IS THE CONTRACTOR'S RESPONSIBILITY TO VISIT THE SITE AND DETERMINE THE FULL EXTENT OF ITEMS TO BE REMOVED. IF ANY ITEMS ARE IN QUESTION, THE CONTRACTOR SHALL CONTACT THE OWNER PRIOR TO REMOVAL OF SAID ITEMS.
- THE CONTRACTOR SHALL REFER TO THE DEMOLITION PLAN AND LANDSCAPE PLAN FOR DEMOLITION/PRESERVATION OF EXISTING TREES. ALL TREES NOT SPECIFICALLY SHOWN TO BE PRESERVED OR RELOCATED SHALL BE REMOVED AS A PART OF THIS CONTRACT. TREE PROTECTION FENCING SHALL BE INSTALLED AS NECESSARY PRIOR TO ANY DEMOLITION.
- CONTRACTOR SHALL ADJUST GRADE OF ANY EXISTING UTILITIES TO REMAIN.



NOTES:
1. LOCATE AND AVOID (E) REINFORCING PRIOR TO CONSTRUCTION. DO NOT CUT OR DAMAGE (E) REINFORCEMENT.

1 WALL CORE IN EXISTING CMU WALL
SCALE: N.T.S.

SHEET INDEX

- C-1.0 - DEMOLITION PLAN
- C-2.0 - FINE GRADING AND DRAINAGE PLAN
- C-2.1 - FINE GRADING PROFILES
- C-3.0 - EROSION AND SEDIMENT CONTROL COVER SHEET
- C-3.1 - EROSION AND SEDIMENT CONTROL PLAN

LEGEND & ABBREVIATIONS

	STREET CENTERLINE
	RIGHT-OF-WAY LINE
	PROPERTY LINE
	LIMIT OF DEMOLITION SCOPE OF WORK
	TRENCH EXCAVATION LIMITS
	UTILITY PIPE/CONDUIT DEMOLITION
	EXISTING TREE AND ROOTS TO BE REMOVED (TO 24" DEPTH BELOW EXISTING GRADE)
	EXISTING RESERVOIR LINING
	CAP AND/OR PLUG AS NEEDED
	AC ASPHALT CONCRETE
	BOT BOTTOM OF PIT
	CF CUBIC FEET / CURBFACE
	CHLF CHAIN LINK FENCE
	CI CAST IRON
	CNC CONCRETE
	CONC CONCRETE
	CY CUBIC YARD
	D DRAINAGE (STORM)
	DRWY DRIVEWAY
	EUC EUCALYPTUS
	EX EXISTING
	FL FLOWLINE
	FS FINISH SURFACE
	GB GRADE BREAK
	INV INVERT ELEVATION
	LF LINEAR FEET
	PB PLANTER BOX
	PL PROPERTY LINE
	RW RIGHT-OF-WAY
	SD STORM DRAIN
	SF SQUARE FEET
	TC TOP OF CURB
	TYP TYPICAL
	WM WATER METER

LEGAL DESCRIPTION

REAL PROPERTY IN THE CITY OF EL SEGUNDO, THE COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, DESCRIBED AS FOLLOWS:

EL SEGUNDO LOT COM AT NE COR OF LOT 13 BLK 67 TH S ON W LINE OF MARYLAND ST TO N LINE OF GRAND AVE TH W ON SD N LINE TO E LINE OF LOMITA ST TH N THEREON 704.36 ... SEE MAPBOOK FOR MISSING PORTION ... LOT 13 BLK 67.

DEMOLITION NOTES

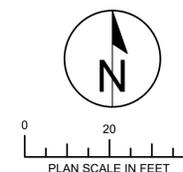
- EXISTING CONCRETE RESERVOIR LINING, INTERIOR CONCRETE WALL, CONCRETE BOTTOM, CONCRETE PILLARS, AND 4' STEM WALL.
- CORE THROUGH EXISTING CMU WALL. REFER TO DETAIL HEREON.
- EXISTING STORM DRAIN PIPE TO BE CAPPED AT LIMIT OF DEMOLITION SCOPE OF WORK OR PLUGGED (4 TOTAL).
- EXISTING WATER PIPE TO BE CAPPED AT LIMIT OF DEMOLITION SCOPE OF WORK OR PLUGGED.
- EXISTING CONCRETE RETAINING WALL.
- EXISTING CONCRETE STEPS WITHIN RESERVOIR FENCE LINE.
- EXISTING LUMINAIRE AND FOOTINGS (2 TOTAL).
- EXISTING ELECTRIC CONDUIT TO BE REMOVED WITHIN LIMIT OF DEMOLITION SCOPE OF WORK AND CAPPED AT THE LIMIT OF DEMOLITION SCOPE OF WORK. CONDUCTOR WIRE SHALL BE REMOVED TO FEED POINT AT ELECTRICAL PANEL.
- EXISTING SIDEWALK, CURB AND PAVEMENT TO BE REMOVED.
- CLEAR AND GRUB EXISTING LANDSCAPE.

PROTECT IN PLACE NOTES

- VERIZON MONOPINE CONCRETE BASE AND FOUNDATION.
- VERIZON MONOPINE CONDUIT.

LOMITA STREET

GRAND AVENUE



PC # COM-24-377 CITY OF EL SEGUNDO WATER RESERVOIR DEMOLITION

KARDENT ARCHITECTURE | DESIGN

11 Golden Shore, Suite 540 | Long Beach | CA 90802 | 562.436.9900

CIVIL ENGINEER:



EXP.: 09/30/2025

DATE SIGNED: 06/20/2025

CONSULTANT:



3716 E 3RD STREET
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323.236.7442

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PLAN CHECK:

TBD

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CITY OF EL SEGUNDO
DEMOLITION OF RESERVOIR

400 LOMITA ST
EL SEGUNDO, CA 90245

DRAWN BY:

NBP

CHECKED BY:

RQ

SHEET TITLE:

FINE GRADING AND
DRAINAGE PLAN

SHEET NUMBER:

C-2.0

PROJECT:

10389.12

SCALE:

AS NOTED

DATE:

AUG 2024

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GENERAL NOTES

- PRIOR TO THE FOUNDATION INSPECTION, A REGISTERED SOILS ENGINEER OR ANOTHER QUALIFIED REPRESENTATIVE DESIGNATED BY HIM OR HER SHALL CONDUCT VISUAL INSPECTION ON SITE PREPARATION AND SHALL SUBMIT TO THE BUILDING OFFICIAL A LETTER INDICATING THE ONSITE SOILS AT THE BOTTOM OF THE FOUNDATION EXCAVATION ARE SUITABLE FOR SUPPORTING THE PROPOSED FOOTING OR OTHERWISE PROVIDING SOILS REMEDIATION RECOMMENDATIONS.
- PRIOR TO THE FOUNDATION INSPECTION, A REGISTERED SOILS ENGINEER OR ANOTHER QUALIFIED REPRESENTATIVE DESIGNATED BY HIM OR HER SHALL CONDUCT VISUAL INSPECTION ON SITE PREPARATION AND SHALL SUBMIT TO THE BUILDING OFFICIAL A LETTER INDICATING FURTHER REMOVAL OF EXPOSED SOILS IS NOT REQUIRED OR OTHERWISE PROVIDING RECOMMENDATIONS FOR OVER-EXCAVATION AND RECOMPACTION WITH REQUIREMENTS FOR ADDITIONAL FOLLOW-UP TESTING AND INSPECTIONS.
- SEPARATE PERMIT SHALL FIRST BE OBTAINED FROM THE CITY PUBLIC WORKS DEPARTMENT PRIOR TO PLACEMENT OF ANY CONSTRUCTION MATERIALS OR EQUIPMENT IN THE PUBLIC WAY.
- FINISHED GRADE OF TRENCH EXTENT SHALL BE PLANTED WITH TURF TO MATCH EXISTING.
- ALL WORK MUST BE IN COMPLIANCE WITH THE RECOMMENDATIONS INCLUDED IN THE GEOTECHNICAL CONSULTANT'S REPORT TITLED *GEOTECHNICAL INVESTIGATION AND FEASIBILITY STUDY, PROPOSED PARK SPACE OVER ABANDONED RESERVOIR ADJACENT TO HILLTOP PARK, NORTHEAST CORNER OF LOMITA STREET AND GRAND AVENUE, CITY OF EL SEGUNDO, CALIFORNIA, DATED MAY 24, 2024, AND THE APPROVED GRADING PLANS AND SPECIFICATIONS.*

EARTHWORK QUANTITIES

THE EARTHWORK QUANTITIES LISTED BELOW ARE FOR REFERENCE ONLY AND FOR JURISDICTIONAL PLAN CHECK AND PERMIT PROCESS ONLY. THESE QUANTITIES HAVE BEEN CALCULATED FROM EXISTING SITE GRADES PER OWNER SUPPLIED SURVEY TO PROPOSED GRADES FROM THE GRADING PLAN. THE EARTHWORK QUANTITIES DO NOT REFLECT SHRINKAGE, SWELL, SUBSIDENCE AND REMOVAL OF EXISTING BUILDING STRUCTURES AND SURFACE IMPROVEMENTS, AND REMOVALS FOR POSSIBLE SOIL CONTAMINATION OR EXISTING OR ABANDONED SUBSTRUCTURES. FIELD CONDITIONS DURING CONSTRUCTION MAY VARY RESULTING IN THE ACTUAL EARTHWORK QUANTITIES DIFFERENT FROM THOSE ESTIMATED BELOW. THIS ESTIMATE ASSUMES THAT ALL ONSITE MATERIALS ARE SUITABLE FOR BACKFILLING. HOWEVER, ACTUAL EXISTING ONSITE MATERIALS AND IMPORTED MATERIALS MUST FIRST BE APPROVED BY THE GEOTECHNICAL ENGINEER PRIOR TO INSTALLATION, REMOVAL, OR REPLACEMENT. THE CONTRACTOR SHALL MAKE THEIR OWN DETERMINATION OF THE EARTHWORK QUANTITIES FOR THEIR BID AND WORK.

CUT = 3,159 CY
FILL = 1,973 CY
NET (EXPORT) = 1,186 CY

"THIS PLAN HAS BEEN REVIEWED AND CONFORMS TO RECOMMENDATIONS OF SOILS ENGINEERING/GEOLOGIC REPORTS DATED: MAY 24, 2024."

SIGNATURE AND DATE: *Scott H. Ward* JULY 2, 2025

SIGNATURE AND DATE:



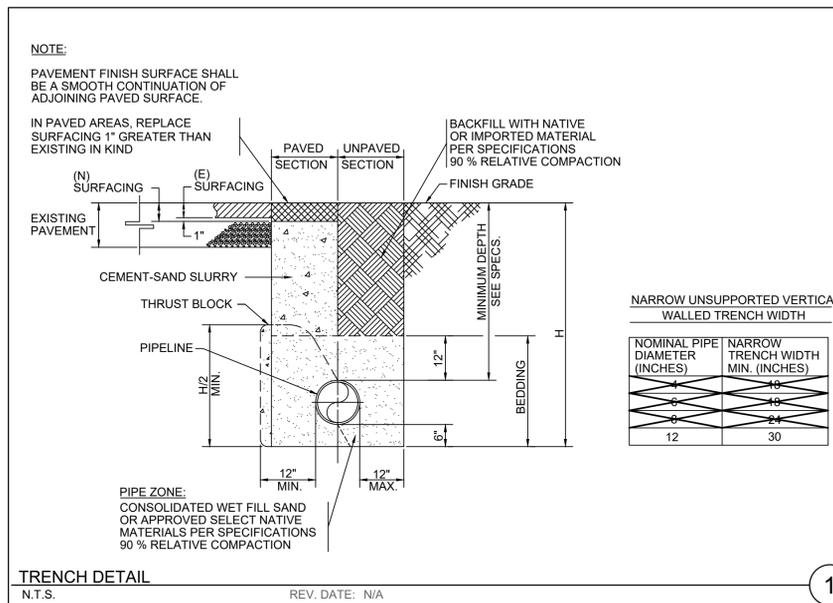
LEGEND & ABBREVIATIONS

- STREET CENTERLINE
- RIGHT-OF-WAY LINE
- PROPERTY LINE
- LIMIT OF ONSITE GRADING SCOPE OF WORK
- GB PROPOSED GRADE BREAK
- SD PROPOSED STORM DRAIN PIPE
- PROPOSED DOWNWARD FLOW DIRECTION

- AB AGGREGATE BASE
- AC ASPHALT CONCRETE
- BOT BOTTOM OF CATCH BASIN
- CF CUBIC FEET / CURBFACE
- CHLF CHAIN LINK FENCE
- CNC CONCRETE
- CONC CONCRETE
- CY CUBIC YARD
- D DRAINAGE (STORM)
- DRWY DRIVEWAY
- EUC EUCALYPTUS
- EX EXISTING
- FL FLOWLINE
- FS FINISH SURFACE
- GB GRADE BREAK
- INV INVERT ELEVATION
- JUN JUNIPER
- LF LINEAR FEET
- PB PLANTER BOX
- PL PROPERTY LINE
- RW RIGHT-OF-WAY
- SD STORM DRAIN
- SF SQUARE FEET
- TC TOP OF CURB
- TG TOP OF GRATE
- TYP TYPICAL
- WM WATER METER

CONSTRUCTION NOTES

- INSTALL 24" x 24" OLDCASTLE CB-242436 (OR EQUAL) CATCH BASIN AND FLOGARD FILTER INSERT FGP-24F. (2 TOTAL).
- INSTALL 12" SDR 35 SOLID PVC PIPE (72LF). REFER TO TRENCH DETAIL HEREON.
- INSTALL 4"(H) x 48"(W) B=3" PARKWAY DRAIN UNDER SIDEWALK PER SPPWC STANDARD 151-3. SIDEWALK DEMOLISHED AS PART OF THE PARKWAY DRAIN INSTALLATION SHALL BE RESTORED PER SPPWC STANDARD 113-2.
- PROVIDE 3' WIDE SLOT CUT AND PATCH WITH 6" ASPHALT CONCRETE OVER 6" AGGREGATE BASE. PG-64-10 TACK COAT AND HOT MIX ASPHALT SHALL BE USED FOR ALL SLOT PAVING.



LOMITA STREET

GRAND AVENUE



0 20 40
PLAN SCALE IN FEET



KARDENT ARCHITECTURE | DESIGN

11 Golden Shore, Suite 540 | Long Beach | CA 90802 | 562.436.9900

CIVIL ENGINEER:



EXP: 09/30/2025

DATE SIGNED: 06/20/2025

CONSULTANT:



3716 E 3RD STREET
LOS ANGELES, CA 90063
323.236.7442

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REVISIONS:

NO.	DATE	DESCRIPTION
	09/05/2024	SUBMIT FOR PLAN CHECK
	03/13/2025	PC SUBMITTAL
	04/23/2025	PLAN CHECK CORRECTIONS
	05/06/2025	PLAN CHECK CORRECTIONS
	06/20/2025	PLAN CHECK CORRECTIONS

PLAN CHECK:

TBD

PROJECT:

CITY OF EL SEGUNDO
DEMOLITION OF RESERVOIR

400 LOMITA ST
EL SEGUNDO, CA 90245

DRAWN BY:

NBP

CHECKED BY:

RQ

SHEET TITLE:

FINE GRADING
PROFILES

SHEET NUMBER:

C-2.1

PROJECT:

10389.12

SCALE:

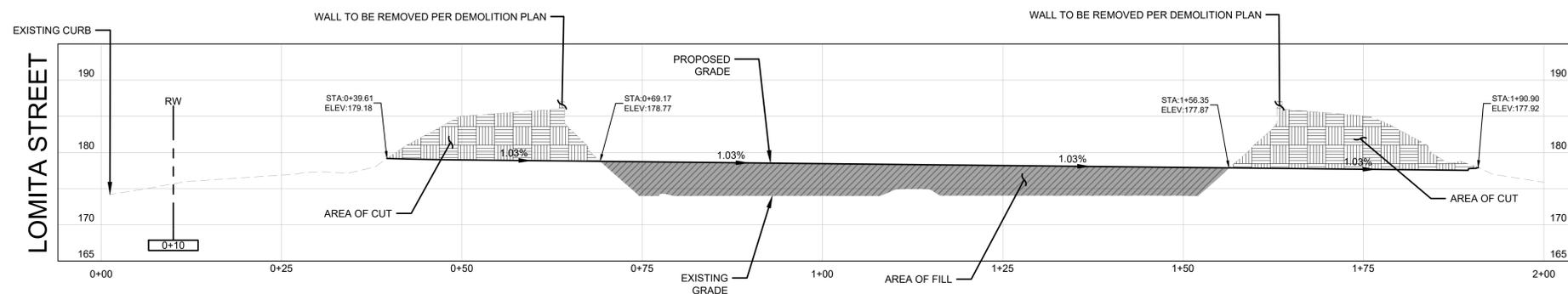
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DATE:

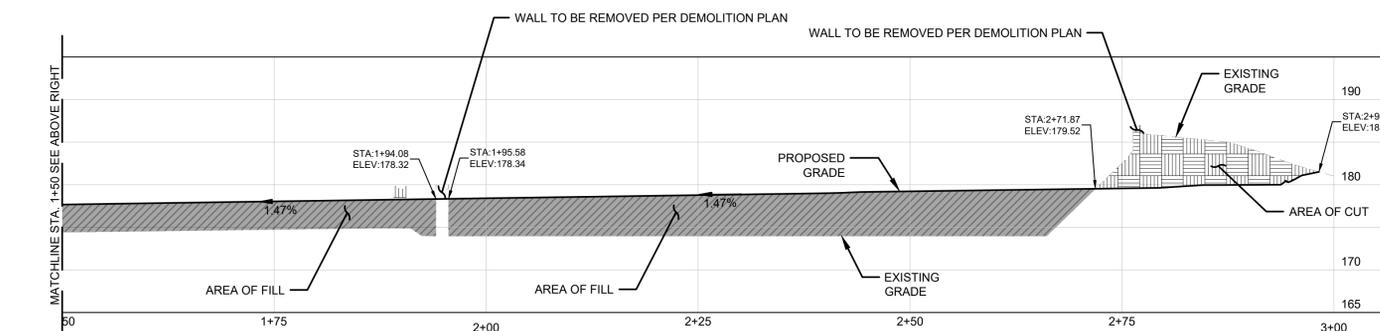
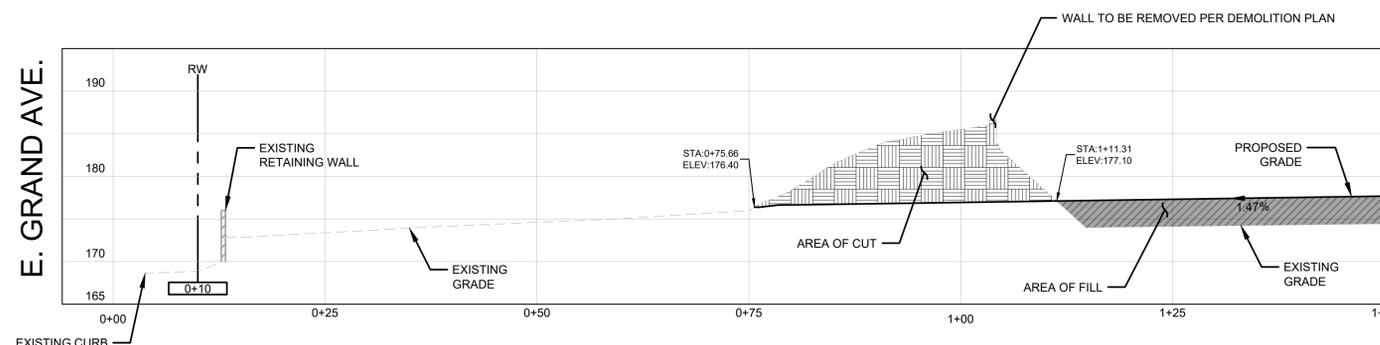
AUG 2024

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1 SECTION
C-2.1 SCALE: 1"=10'



2 SECTION
C-2.1 SCALE: 1"=10'

PC # COM-24-377 CITY OF EL SEGUNDO WATER RESERVOIR DEMOLITION

KARDENT ARCHITECTURE | DESIGN

11 Golden Shore, Suite 540 | Long Beach | CA 90802 | 562.436.9900

CIVIL ENGINEER:



EXP.: 09/30/2025

DATE SIGNED: 06/20/2025

CONSULTANT:



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PLAN CHECK:

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PROJECT:

CITY OF EL SEGUNDO
DEMOLITION OF RESERVOIR

400 LOMITA ST
EL SEGUNDO, CA 90245

DRAWN BY:

NBP

CHECKED BY:

RQ

SHEET TITLE:

EROSION AND
SEDIMENT CONTROL
PLAN

SHEET NUMBER:

C-3.1

PROJECT:

10389.12

SCALE:

AS NOTED

DATE:

AUG 2024

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GENERAL NOTES

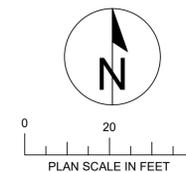
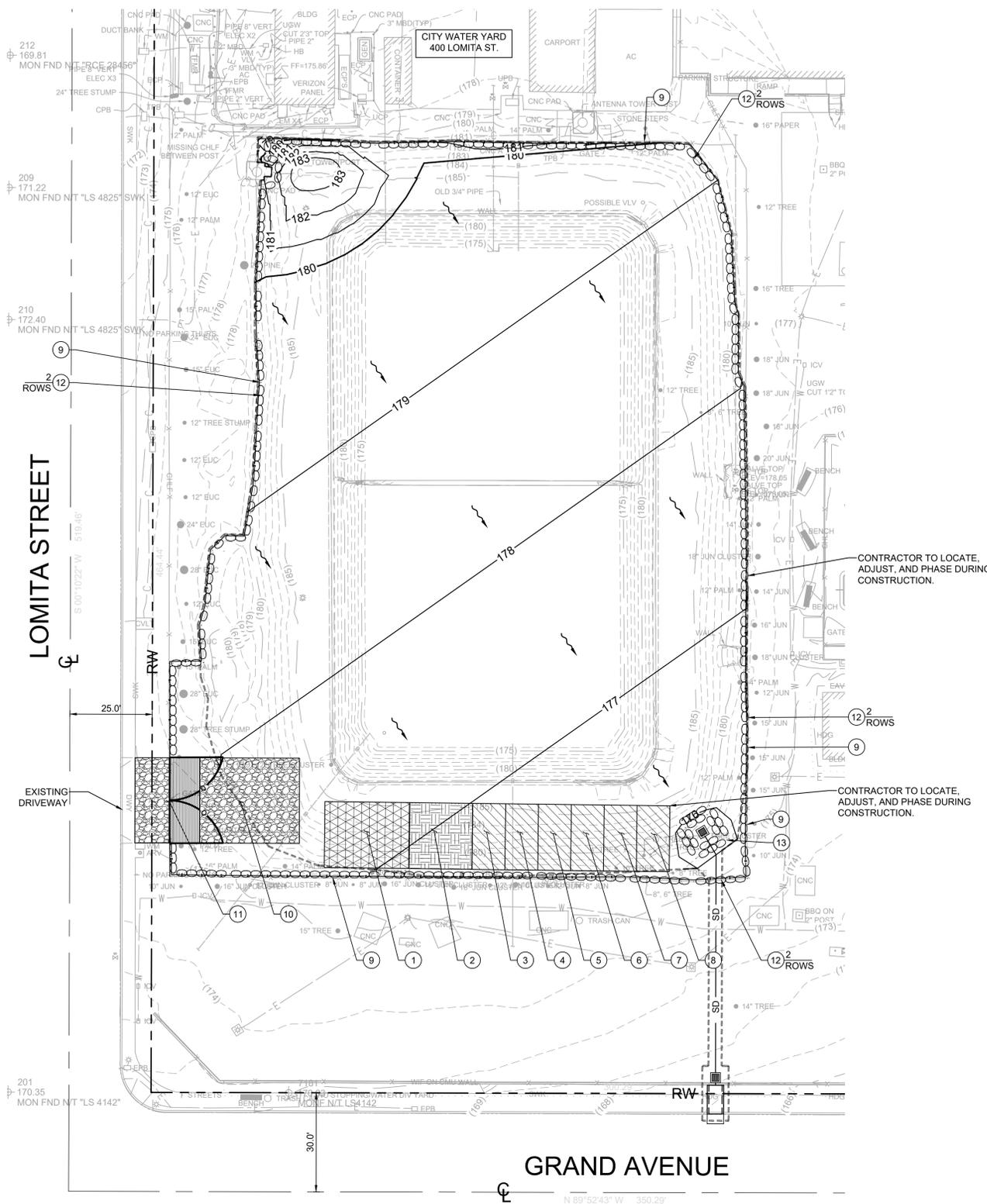
- BMP INSTALLATION AND MAINTENANCE WILL BE PERFORMED BY A PROFESSIONAL BMP INSTALLER.
- ALL NECESSARY SITE INSPECTIONS WILL BE PERFORMED BY A CERTIFIED PROFESSIONAL IN EROSION AND SEDIMENT CONTROL (CPESC).
- NO WATER FROM THE WASHING OF CONSTRUCTION VEHICLES OR EQUIPMENT ON SITE IS PERMITTED TO RUN OFF THE CONSTRUCTION SITE AND ENTER THE MUNICIPAL STORM DRAIN SYSTEM.
- HOSING DOWN OF DRIVEWAYS AND STREETS IS PROHIBITED. USE SHOVELS, BROOMS, AND EFFECTIVE SWEEPERS TO MINIMIZE THE DISCHARGE OF NON-STORM WATER.
- DISCHARGE FROM CONSTRUCTION SITE DUE TO CONSTRUCTION OPERATIONS, SUCH AS PAINT, STUCCO, PLASTERING, AND WASHWATER IS PROHIBITED.
- IMPLEMENT BMP WE-1 FOR WIND EROSION CONTROL DURING CONSTRUCTION UNTIL PERMANENT PAVING AND LANDSCAPING IS CONSTRUCTED.
- CONTRACTOR TO LOCATE TRUCK WASHOUT AREA, VEHICLE CLEANING / FUELING / MAINTENANCE AREA, MATERIAL DELIVERY AND STORAGE AREA, AND WASTE COLLECTION AREA IN COORDINATION WITH THE CLIENT AND CITY.
- CONTRACTOR MAY REARRANGE THE POSITIONS OF THE BMPs SHOWN ON THIS PLAN SUBJECT TO APPROVAL BY THE ENGINEER.
- CONTRACTOR TO ENSURE ONSITE RUNOFF IS FILTERED AND FREE OF SEDIMENT PRIOR TO DISCHARGE TO PUBLIC RIGHT-OF-WAY.
- LOCATION OF SUMP PUMP MAY VARY DEPENDING ON STAGE OF GRADING.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTING BMPs AND PHASING LISTED HEREON IN COORDINATION WITH THE COUNTY AS REQUIRED PER THE SITE CONDITIONS, NOT LIMITED TO THE BMPs NOTED HEREON.

EROSION AND SEDIMENT CONTROL NOTES

- PROPOSED MATERIAL DELIVERY AND STORAGE (WM1), AS NECESSARY.
- PROPOSED STOCKPILE MANAGEMENT (WM3), AS NECESSARY.
- PROPOSED SPILL PREVENTION AND CONTROL (WM4), AS NECESSARY.
- PROPOSED SOLID WASTE MANAGEMENT (WM5), AS NECESSARY.
- PROPOSED HAZARDOUS WASTE MANAGEMENT (WM6), AS NECESSARY.
- PROPOSED CONCRETE WASTE MANAGEMENT (WM8), AS NECESSARY.
- PROPOSED SANITARY/SEPTIC WASTE MANAGEMENT (WM9), AS NECESSARY.
- PROPOSED VEHICLE AND EQUIPMENT MAINTENANCE (NS10), AS NECESSARY.
- CONSTRUCT TEMPORARY CONSTRUCTION FENCE PER DETAIL 4 ON SHEET C-3.0. CONTRACTOR TO MAINTAIN TEMPORARY CONSTRUCTION FENCE DURING ALL GRADING AND MOBILIZATION ACTIVITIES.
- PROPOSED STABILIZED CONSTRUCTION ENTRANCE/EXIT (TC1) PER DETAIL 1 ON SHEET C-3.0.
- PROPOSED ENTRANCE/OUTLET TIRE WASH (TC3) PER DETAIL 2 ON SHEET C-3.0.
- PROPOSED GRAVEL BAG SITE PROTECTION (SE10) PER DETAIL 5 ON SHEET C-3.0. CONTRACTOR TO MAINTAIN GRAVEL BAG SITE PROTECTION DURING ALL GRADING AND MOBILIZATION ACTIVITIES.
- PROPOSED STORM DRAIN INLET PROTECTION (SE10). SEE DETAILS 3 AND 5 ON SHEET C-3.0.

LEGEND & ABBREVIATIONS

	STREET CENTERLINE
	RIGHT-OF-WAY LINE
	PROPERTY LINE
	STORM DRAIN LINE PER GRADING AND DRAINAGE PLAN
	CONSTRUCTION FENCE
	SANDBAG BARRIER (SE8)
	LIMIT OF ONSITE GRADING SCOPE OF WORK
	STABILIZED CONSTRUCTION ENTRANCE/EXIT WITH ENTRANCE/OUTLET TIRE WASH (TC1 & TC3)
	STOCKPILE MANAGEMENT (WM3)
	SPILL PREVENTION AND CONTROL (WM4), SOLID WASTE MANAGEMENT (WM5), HAZARDOUS WASTE MANAGEMENT (WM6), CONCRETE WASTE MANAGEMENT (WM8), SANITARY/SEPTIC WASTE MANAGEMENT (WM9), LIQUID WASTE MANAGEMENT (WM10) AREA
	MATERIAL DELIVERY AND STORAGE (WM1)
	SURFACE RUNOFF FLOW ARROW
AC	ASPHALT CONCRETE
BOT	BOTTOM OF CATCH BASIN
CF	CUBIC FEET / CURBFACE
CHLF	CHAIN LINK FENCE
CNC	CONCRETE
CONC	CONCRETE
CY	CUBIC YARD
D	DRAINAGE (STORM)
DRWY	DRIVEWAY
EUC	EUCALYPTUS
EX	EXISTING
FL	FLOWLINE
FS	FINISH SURFACE
GB	GRADE BREAK
INV	INVERT ELEVATION
JUN	JUNIPER
LF	LINEAR FEET
PB	PLANTER BOX
PL	PROPERTY LINE
RW	RIGHT-OF-WAY
SD	STORM DRAIN
SF	SQUARE FEET
TC	TOP OF CURB
TG	TOP OF GRADE
TYP	TYPICAL
WM	WATER METER



PC # COM-24-377 CITY OF EL SEGUNDO WATER RESERVOIR DEMOLITION