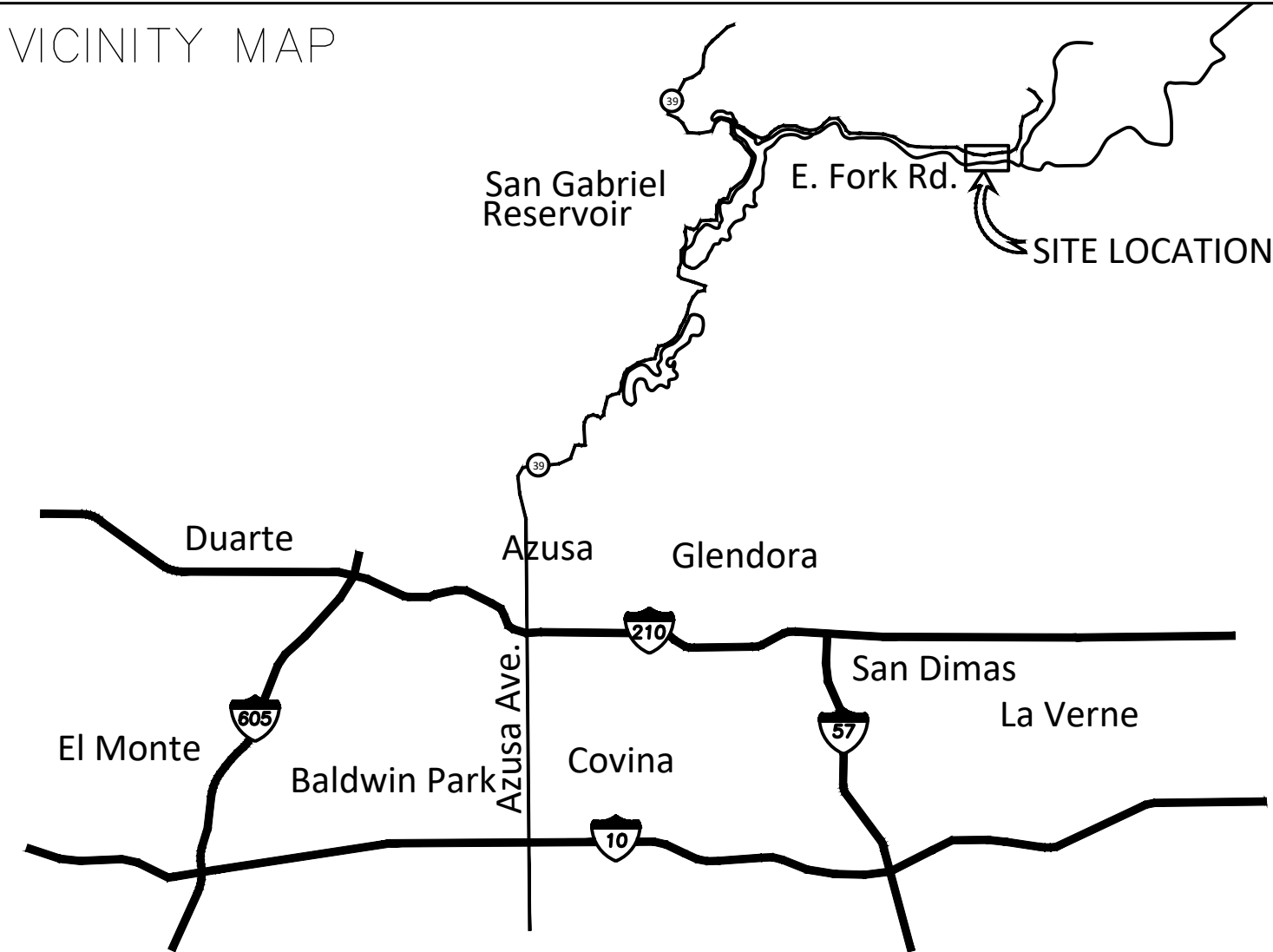


WATERSHED CONSERVATION AUTHORITY

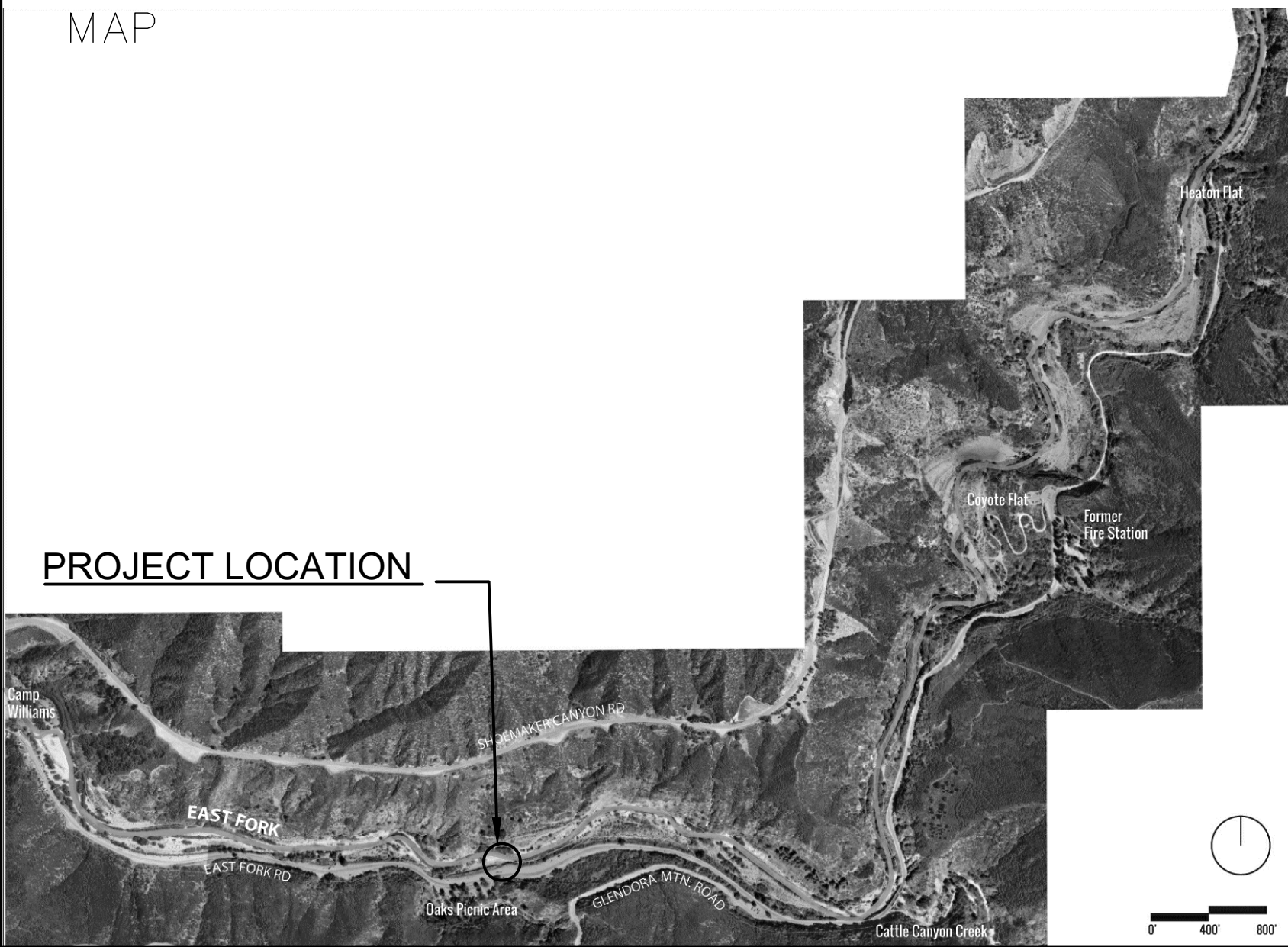
OAKS STAIRWAY & OVERLOOK PROJECT
EAST FORK, SAN GABRIEL RIVER

VICINITY MAP



VICINITY MAP
NTS

LOCATION
MAP



PROJECT LOCATION

PROJECT LOCATION

THE PROPOSED PROJECT IS LOCATED APPROXIMATELY 14 MILES NORTH OF THE CITY OF AZUSA ON FEDERAL LANDS MANAGED BY THE ANGELES NATIONAL FOREST SAN GABRIEL MOUNTAINS NATIONAL MONUMENT, WITHIN THE BOUNDARIES OF THE WATERSHED CONSERVATION AUTHORITY TERRITORY. THE OAKS ACCESS SITE IS LOCATED DIRECTLY OPPOSITE TO THE OAKS PICNIC AREA, APPROXIMATELY .5 MILES DOWNSTREAM OF THE JUNCTION OF EAST FORK ROAD AND GLENDORA MOUNTAIN ROAD.

PROJECT DESCRIPTION

THE 1.16-ACRE OAKS STAIRWAY & OVERLOOK PROJECT CONSISTS OF .23 ACRES OF HILLSIDE RESTORATION USING LOCALLY SOURCED NATIVE PLANT SPECIES, OVERLOOK AREA WITH EXPOSED AGGREGATE CONCRETE PATH AND STONE BARRIER WALL, KIOSK, 3 SHADE STRUCTURES, PICNIC TABLES, SHADE TREES, 67 STRIPED ASPHALT PARKING SPACES, TWO 4-UNIT RESTROOMS, BIKE PARKING, AND TRASH RECEPTACLES. THE PROJECT ALSO INCLUDES TWO FORMALIZED PATHS TO ACCESS THE EAST FORK FOR RECREATIONAL USE. MAINTAINING A RUSTIC AESTHETIC USING LOCAL STONE, CONCRETE WITH EXPOSED AGGREGATE, AND DECOMPOSED GRANITE, THE PROJECT SHALL PROVIDE SAFE ACCESS TO THE RIVER TERRACE AND PREVENT EROSION.

GENERAL NOTES

- CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN FIELD AT START OF PROJECT. REPORT ANY DISCREPANCY IMMEDIATELY TO PROJECT MANAGER.
- THESE NOTES SHALL BE USED IN CONJUNCTION WITH THE PLANS AND SPECIFICATIONS, ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT AND THE OWNER.
- ALL WORK IN RIGHT OF WAY SHALL BE PERFORMED ACCORDING TO CURRENT STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION ("THE GREENBOOK") LATEST EDITION.
- THIS WORK SHALL BE INSTALLED BY A LICENSED CONTRACTOR WHO SHALL CARRY WORKMAN'S COMPENSATION, PUBLIC LIABILITY AND PROPERTY DAMAGE INSURANCE.
- CHECK FOR EXISTING UTILITY LOCATIONS PRIOR TO EXCAVATION WORK. NOTIFY PERTINENT UTILITIES AND DIG ALERT, UNDERGROUND SERVICE ALERT, AT 8-1-1 TWO WORKING DAYS PRIOR TO CONSTRUCTION. CONTRACTOR SHALL TAKE SOLE RESPONSIBILITY FOR COST INCURRED DUE TO DAMAGE AND REPLACEMENT OF SAID UTILITIES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ANY AND ALL PERMITS AND SHALL PAY ALL FEES NECESSARY FOR ENCROACHMENT, GRADING, DEMOLITION AND DISPOSAL OF SAID MATERIALS AS REQUIRED BY PRIVATE, LOCAL AND STATE JURISDICTION.
- CONTRACTOR SHALL PROVIDE PRELIMINARY AND FINAL LIEN RELEASES FROM ALL SUB-CONTRACTORS PRIOR TO FINAL PAYMENT.
- CONTRACTOR SHALL NOT WILLFULLY PROCEED WITH DEMOLITION OR CONSTRUCTION SHOWN WHEN IT IS OBVIOUS THAT UNKNOWN CONDITIONS, OBJECTS, OR GRADE CHANGES EXIST THAT MAY NOT HAVE BEEN KNOWN DURING THE PREPARATION OF THESE PLANS. SUCH CONDITIONS, OBJECTS, OR GRADE CHANGES SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE PROJECT MANAGER. THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ALL NECESSARY REVISIONS DUE TO FAILURE TO GIVE SUCH NOTICE.
- CONTRACTOR AGREES TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR THE JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING THE SAFETY OF ALL PERSONS AND PROPERTY. THE CONTRACTOR AT HIS/HER COST SHALL INDEMNIFY AND HOLD THE LANDSCAPE ARCHITECT HARMLESS AND FREE FROM ANY AND ALL LIABILITY, REAL AND ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPT FOR LIABILITIES ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR THE LANDSCAPE ARCHITECT.
- UPON COMPLETION OF INSTALLATION, AN ESTABLISHMENT PERIOD OF 60 DAYS SHALL COMMENCE, AND UPON WRITTEN VERIFICATION FROM THE INSPECTOR THAT ESTABLISHMENT IS ACCOMPLISHED, THE 180 DAY MAINTENANCE PERIOD SHALL COMMENCE. SAID MAINTENANCE PERIOD SHALL CONCLUDE ONLY AFTER LEAF-OUT AND OVERALL PLANT HEALTH AND WITH THE WCA/ANF ACCEPTANCE OF THE IMPROVEMENTS. MAINTENANCE SHALL INCLUDE WEEDING, IRRIGATION, PLANT REPLACEMENT AND RAISING/ADJUSTING TREE AND PLANT ROOTBALLS WHICH SETTLE BELOW GRADE. MAINTENANCE ALSO INCLUDES ALL REPAIRS, REPLACEMENT, CLEANING AND ADJUSTING NECESSARY TO KEEP THE IRRIGATION SYSTEM IN GOOD WORKING ORDER WITH PROPER COVERAGE, REQUIRED PRIOR TO FINAL ACCEPTANCE OF THE WORK BY THE WCA/ANF.
- CONTRACTOR SHALL KEEP THE PREMISES CLEAN AND FREE OF EXCESS EQUIPMENT, MATERIALS AND RUBBISH INCIDENTAL TO THE WORK. ALL CONSTRUCTION DEBRIS SHALL BE CLEARED FROM THE SITE AT THE END OF EACH DAY.

PROJECT CONTACTS

PROJECT OWNER ANGELES NATIONAL FOREST SAN GABRIEL MOUNTAINS NATIONAL MONUMENT 701 N. SANTA ANITA AVE. ARCADIA, CA 91006 US FOREST SERVICES RICARDO LOPEZ, FOREST ENGINEER RICARDO.LOPEZ@USDA.GOV 626-574-5295	PROJECT MANAGER WATERSHED CONSERVATION AUTHORITY ROBERT SEGARRA 100 N. OLD SAN GABRIEL CANYON ROAD AZUSA, CA 91702 RSEGARRA@WCA.CA.GOV 1(562) 583-6743	LANDSCAPE ARCHITECT LYNNE DWYER 2616 NORTH FIGUEROA, SUITE A LOS ANGELES, CA 90065 LDWYERLA@GMAIL.COM (323) 839-1516	CIVIL ENGINEERING CALCIVIC ENGINEERING IVAN CHIU, P.E. 2160 PARNELL WAY ALTA DENA, CA 91001 (626)798-2828
	CONSTRUCTION MANAGER JESSIE COREA JESSIE.COREA@WEBBASSOCIATES.COM (626) 248-4273	GEOTECHNICAL ENGINEER GEOTEK ED LAMONT 1548 NORTH MAPLE STREET CORONA, CALIFORNIA 92878 (951)710-1160	STRUCTURAL ENGINEER COSTA AND ASSOCIATES ORLANDO COSTA, S.E. 1543 W GARVEY AVE N # 215 WEST COVINA, CA 91790 (626) 960-1811

ADDENDUM No. 1				
ALTERNATIVE BID ITEMS				
	ITEM	PROPOSED ALTERNATIVE	CONSTRUCTION LEGEND L-2.00 & L-2.01	BID ITEM
A1	ASPHALT PAVING (CHIP SEAL SURFACE)	DEDUCT ASPHALT PAVING IN UPPER PARKING AREA AND PARALLEL PARKING ON EAST FORK ROAD, AS INDICATED ON PLAN.	18	12
A2	CONCRETE FLAT WORK (EXPOSED AGGREGATE FINISH WITH MONOLITHIC CURB)	DEDUCT PORTION OF CONCRETE FLAT WORK (EXPOSED AGGREGATE FINISH WITH MONOLITHIC CURB), AS INDICATED ON PLAN.	3	13
A3	CONCRETE WORK -GUTTER	DEDUCT PORTION OF CONCRETE WORK -GUTTER, AS INDICATED ON PLAN.	32	16
A4	MASONRY SEAT WALLS - LOCAL STONE PER DETAIL L-2.52 ND L-2.53	DEDUCT LOCAL STONE MASONRY CONSTRUCTION FOR POURED IN PLACE CONCRETE WITH "STAMPED/FORMED" STONE PATTERN, BELOW SHADE STRUCTURES AS INDICATED ON PLAN.	47	28
A5	OPTIONAL EAST SHADE TRELLIS STRUCTURE - WEATHERING STEEL FRAMES AND STRUCTUAL FOOTINGS AND UNDERNEATH SEAT WALLS.	OPTIONAL CUSTOM SHADE TRELLIS STRUCTURE AND COLUMN SEATWALLS AS INDICATED ON PLAN.	33	34
A6	REVISE SHADE STRUCTURES	SUBSTITUTE CUSTOM SHADE TRELLIS STRUCTURES FOR POLYGON MONOSLOPE, COMPLETE INSTALL, DEDUCT EAST STRUCTURE, AS INDICATED ON PLAN.	33	34
A7	SITE FURNISHINGS	DEDUCT TWO PICNIC TABLES BELOW EAST SHADE STRUCTURE, AS INDICATED ON PLAN.	11	40
A8	STRIPING AND PAVEMENT MARKINGS	DEDUCT STRIPING AND PAVEMENT MARKINGS - PARKING SPACES, ADA STALLS, CROSSWALKS, AND PARALLEL PARKING ALONG FORK ROAD, IN UPPER PROJECT AREA, AS INDICATED ON PLAN.	15	46
A9-13	PLANTING, IRRIGATION, ESTABLISHMENT, AND MAINTENANCE PERIOD SOIL AMENDMENT / PLANTING PREP, 1 & 5 GALLON CONTAINER PLANT	DEDUCT PLANTINGS AS INDICATED ON PLAN.	SEE L-4.50	
A14	HYDROSEED	DEDUCT HYDROSEED AS INDICATED ON PLAN.	SEE L-4.50	
A15	STONE BARRIER WALLS AT OVERLOOK - NATURAL STONE PER DETAIL SHEET L-2.52/L-2.53	CONSTRUCT STONE BARRIER WALLS, SEAT WALLS, AND MASONRY BENCHES USING NATURAL ROCK.	1	25
PLAN REVISIONS				
THE FOLLOWING CHANGES ARE INCLUDED IN PLAN DOCUMENTS DATED JUNE 2026				
	MASONRY BARRIER WALLS AT OVERLOOK - STAMPED CONCRETE	SUBSTITUTE USING LOCAL STONE MASONRY CONSTRUCTION FOR POURED IN PLACE CONCRETE WITH "STAMPED/FORMED" STONE PATTERN, PER SHEET W-1.00.	1	25
	2-YARD DUMPSTER	DEDUCT 2-YARD DUMPSTER	14	N/A
	WALL-MOUNTED DOG WASTE BAG DISPENSER	DEDUCT WALL-MOUNTED DOG WASTE BAG DISPENSER	42	N/A
	SPLIT RAIL FENCE	DEDUCT SPLIT RAIL FENCE	13	N/A
	BAG DISPENSER SIGNAGE	DEDUCT BAG DISPENSER SIGNAGE	42	N/A
	PREFAB RESTROOM	SUBSTITUTE 4 TOILET ROMTEC TO BE CXT 2 TOILET UNITS	17	32

SHEET INDEX

TS-00	TITLE SHEET
D-1.00	DEMOLITION PLAN
L-1.00	DESIGN INTENT
L-2.00	CONSTRUCTION PLAN
L-2.01	CONSTRUCTION PLAN
L-2.50	CONSTRUCTION DETAILS
L-2.51	CONSTRUCTION DETAILS
L-2.52	CONSTRUCTION DETAILS
L-2.53	CONSTRUCTION DETAILS
L-2.54	CONSTRUCTION DETAILS
L-3.00	INTERPRETIVE PLAN
L-3.50	SIGNAGE DETAILS
L-4.00	PLANTING PLAN
L-4.50	PLANTING NOTES
L-5.00	ENVIRONMENTAL PROTECTION MEASURES
L-5.01	ENVIRONMENTAL PROTECTION GUIDELINES
L-6.00	STREET IMPROVEMENTS NOTES
L-6.01	EAST FORK ROAD
L-6.02	EAST FORK ROAD
C-1.00	GRADING PLAN GENERAL NOTES
C-1.01	EROSION CONTROL PLAN
C-2	GRADING PLAN
C-3	GRADING PLAN
C-3.01	SECTION TRAIL PROFILE #1
C-3.02	SECTION AND DETAILS
C-4	HORIZONTAL CONTROL
C-5	DETAILS
S-1.50	SHADE STRUCTURE ELEVATIONS
S-1.51	SHADE STRUCTURE DETAILS
S-1.52	SHADE STRUCTURE DETAILS
S-101	GENERAL NOTES
S-102	TYPICAL DETAILS
S-201	SHADE TRELLIS FRAMING PLAN
S-202	SHADE TRELLIS SECTIONS & DETAILS
S-203	KIOSK PLANS & DETAILS
A-1.0	ROMTEC RESTROOM TITLE PAGE- OMIT
A-1.1	ROMTEC RESTROOM FLOOR PLAN- OMIT
A-2.1	ROMTEC RESTROOM ELEVATION- OMIT
A-2.2	ROMTEC RESTROOM ELEVATION- OMIT
S-3.1	ROMTEC RESTROOM STRUCTURAL CMU PLAN & DETAILS- OMIT
S-4.1	ROMTEC RESTROOM FOUNDATION PLAN AND DETAILS- OMIT
CS-0.00	POLYGON COVER SHEET
CS-1.00	POLYGON ARCHITECTURAL ELEVATIONS
CS-2.00	POLYGON STRUCTURAL FRAMING PLAN
CS-3.00	POLYGON COLUMN LAYOUT
CXT-1.00	CXT BUILDING ELEVATIONS
CXT-2.00	CXT INTERIOR ELEVATIONS
CXT-3.00	CXT FLOOR PLAN
CXT-4.00	CXT TYPICAL TRANSPORT CONFIGURATION
W-1.00	STAMPED CONCRETE BARRIER WALL

REVISIONS

DATE

BID ALTERNATES

07/15/2026

PLAN REVISIONS

07/15/2026

CXT RESTROOM

07/15/2026

WATERSHED CONSERVATION AUTHORITY

100 N OLD SAN GABRIEL CANYON ROAD

AZUSA, CA 91702

PHONE: (626) 815-1019

Lynne Dwyer

Landscape Architect

2616 NORTH FIGUEROA, SUITE A

LOS ANGELES, CA 90065

(323) 221-9500

TITLE SHEET

OAKS STAIRWAY & OVERLOOK

EAST FORK, SAN GABRIEL RIVER

LICENSED LANDSCAPE ARCHITECT

LYNNE DWYER

5/31/2027

RENEWAL DATE

LICENSE NO. 3661

STATE OF CALIFORNIA

DRAWN BY:

KT

CHECKED BY:

LD

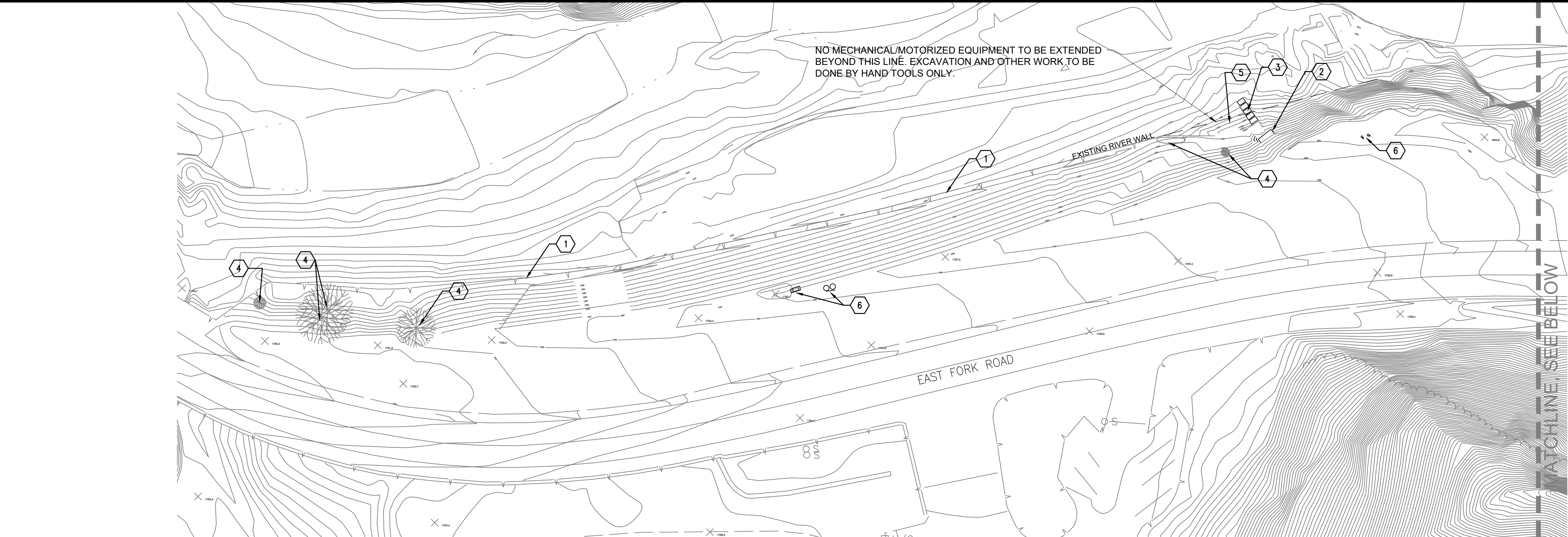
PROJECT NO.

OS2019

DATE:

JULY 15 2026

TS-00



GENERAL DEMOLITION & SITE PREPARATION NOTES:

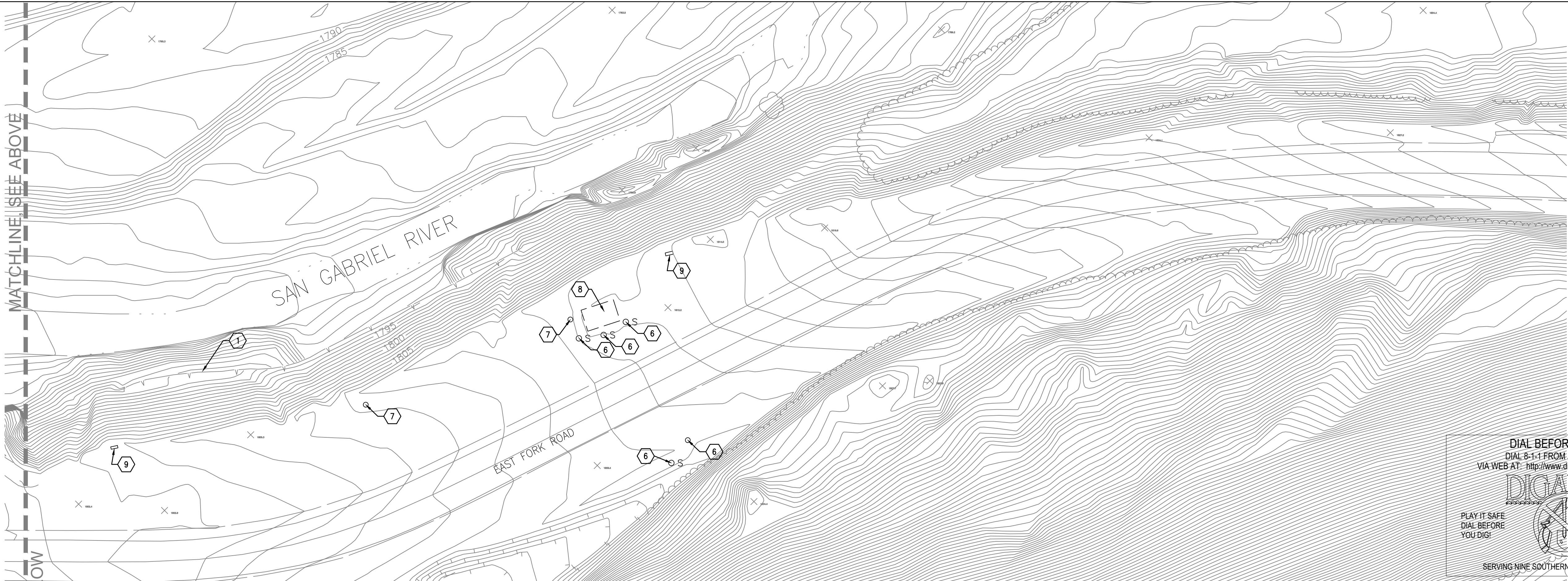
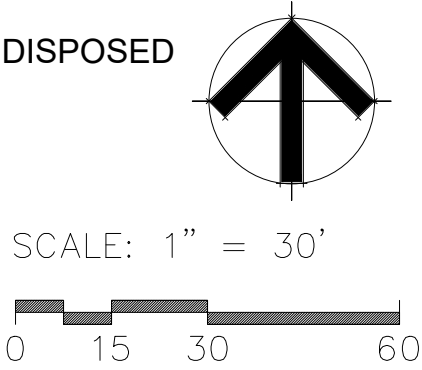
1. SEE ENVIRONMENTAL PROTECTION NOTES, SHEETS L-5.00 & L-5.01.
2. CONTRACTOR TO CLEAR PROJECT SITE AREA WITH THE CONFINES OF THE DEMOLITION LIMIT LINE. THE CONTRACTOR SHALL DEMOLISH AND REMOVE FROM THE SITE ALL EXISTING UTILITIES, STRUCTURES, PLANTERS, TREES, AND ALL OTHER SITE FEATURES, UNLESS OTHERWISE NOTED ON THE PLAN. HAUL FROM SITE AND DISPOSE.
3. REMOVAL OF NON-NATIVE LANDSCAPING SHALL INCLUDE ROOTS AND ORGANIC MATERIALS. DISPOSE OFF SITE.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ANY AND ALL PERMITS AND SHALL PAY ALL FEES NECESSARY FOR ENCROACHMENT, GRADING, DEMOLITION AND DISPOSAL OF SAID MATERIALS AS REQUIRED BY PRIVATE, LOCAL AND STATE JURISDICTIONS.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR A SITE INSPECTION TO FULLY ACKNOWLEDGE THE EXTEND OF THE DEMOLITION WORK.
6. EROSION CONTROL SHALL BE IMPLEMENTED DURING DEMOLITION.
7. DEMOLITION IS LIMITED TO WITHIN DEMOLITION LIMIT LINE UNLESS NOTED OTHERWISE.

8. THE CONTRACTOR SHALL VERIFY THE LOCATION AND QUANTITY OF EXISTING SURFACE STRUCTURES AND SHALL BE SOLELY RESPONSIBLE FOR ANY UNIDENTIFIED UTILITES, IMPROVEMENTS, TREES, ETC. TO BE DEMOLISHED AND REMOVED WITHIN THE DEMOLITION LIMIT LINE, INCLUDING APPURTENANT FOUNDATIONS OR SUPPORTS.
9. DEMOLITION CALLOUTS IN THIS SECTION ARE REPRESENTATIVE OF WHAT IS TO BE DONE, NOT AN ITEMIZED ACCOUNTING FOR ITEM THAT IS TO BE DEMOLISHED, REMOVED AND DISPOSED OF.
10. REMOVE ALL DEBRIS AND MATERIAL FROM SITE INCLUDING BUT NOT LIMITED TO CONSTRUCTION MATERIALS AND FENCING. HAUL FROM SITE AND DISPOSE AT APPROVED FACILITY FOR SUCH.
11. PROTECT IN PLACE ALL NATIVE VEGETATION. SEE EROSION CONTROL PLAN, SHEET C-101.
12. STOCKPILE ALL CLEAN BOULDERS & COBBLES FOR RE-USE.
13. ANY DISCREPANCIES WITH WHAT IS SHOWN ON THE PLAN AND WHAT OCCURS IN THE FIELD SHOULD BE BROUGHT TO THE ATTENTION OF THE PROJECT MANAGER. FAILURE TO DO SO WILL RESULT IN THE CONTRACTOR BEING RESPONSIBLE FOR ANY OCCURENCE OF COST THAT MAY ARISE OUT OF SAID DISCREPANCIES.

DEMOLITION LEGEND:

- ① PROTECT-IN-PLACE WALLS, AND OTHER SITE FEATURES WITH TEMPORARY CONSTRUCTION FENCING.
- ② EXISTING CONCRETE CRIB WALL TO BE DEMOLISHED AND DISPOSED OF OFF SITE.
- ③ EXISTING CONCRETE CRIB STEPS TO BE DEMOLISHED AND DISPOSED OF OFF SITE.
- ④ PROTECT-IN-PLACE ALL EXISTING NATIVE VEGETATION WITH TEMPORARY CONSTRUCTION FENCING.

- ⑤ MISCELLANEOUS RUBBLE AND DEBRIS. DISPOSE OFF SITE.
- ⑥ EXISTING SIGN TO BE DEMOLISHED AND DISPOSED OF OFF SITE.
- ⑦ EXISTING POST TO BE DEMOLISHED AND DISPOSED OF OFF SITE.
- ⑧ EXISTING SST RESTROOM TO BE DEMOLISHED AND DISPOSED OF OFF SITE.
- ⑨ EXISTING SIGN AND MASONRY BASE TO BE DEMOLISHED AND DISPOSED OF OFF SITE.



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REVISIONS		DATE
1	BID ALTERNATES	07/15/2026
2	PLAN REVISIONS	07/15/2026
3	CXT RESTROOM	07/15/2026
WATERSHED CONSERVATION AUTHORITY 100 N OLD SAN GABRIEL CANYON ROAD AZUSA, CA 91702 PHONE: (626) 815-1019		
Lynne Dwyer Landscape Architect 2616 NORTH FIGUEROA, SUITE A LOS ANGELES, CA 90065 (323) 221-9500		
PROJECT TITLE OAKS STAIRWAY & OVERLOOK EAST FORK, SAN GABRIEL RIVER		
SHEET TITLE DEMOLITION PLAN		
LICENSED LANDSCAPE ARCHITECT LYNNE DWYER Signature 5/31/2027 Renewal Date LICENSE NO. 3403 STATE OF CALIFORNIA DRAWN BY: KT CHECKED BY: LD PROJECT NO. OS2019 DATE: JULY 15 2026		
D-1.00		

THE EAST FORK SAN GABRIEL RIVER TRASH TMDL IMPLEMENTATION AND RECREATION IMPROVEMENTS PROJECT IS A MULTI-PHASE INITIATIVE TO ADDRESS POLLUTION AND ENHANCE USER EXPERIENCE IN THE EAST FORK SAN GABRIEL RIVER. ITS CORE GOALS ARE TO MANAGE AND REDUCE TRASH ACCUMULATION TO MEET THE EAST FORK SAN GABRIEL RIVER TRASH TMDL AND TO IMPROVE THE AREA'S RECREATION FACILITIES, SUCH AS TRAILS, RESTROOMS, AND PICNIC AREAS, TO PROMOTE RESPONSIBLE USE AND A SUSTAINABLE ACCESS MODEL.

- ADDRESS TRASH POLLUTION: IMPLEMENT MANAGEMENT PRACTICES TO PREVENT TRASH FROM ACCUMULATING IN THE RIVER, WHICH HAS BEEN DESIGNATED AS AN IMPAIRED WATER BODY DUE TO TRASH DEPOSITION.
- IMPROVE RECREATION: CREATE A BETTER EXPERIENCE FOR VISITORS BY UPGRADING FACILITIES LIKE TRAILS, PICNIC AREAS, AND RESTROOMS.
- PROMOTE STEWARDSHIP: DEVELOP A SUSTAINABLE ACCESS MODEL THAT ENCOURAGES RESPONSIBLE STEWARDSHIP OF THE RIVER AND SURROUNDING ECOSYSTEM.

- PHASE ONE CONSTRUCTION: INCLUDES BUILDING ACCESS TRAILS AND STAIRS TO THE RIVER, ADDING MORE TRASH RECEPTACLES, AND IMPROVING PARKING AREAS.
- RECREATION ENHANCEMENTS: PLANNED IMPROVEMENTS INCLUDE SHADED PICNIC AREAS, RESTROOMS, AND INTERPRETIVE SIGNAGE.
- HABITAT RESTORATION: THE PROJECT WILL ALSO INCLUDE ELEMENTS OF HABITAT RESTORATION AND PROTECTION, SUCH AS NATIVE PLANT RESTORATION, TO SUPPORT THE RIVER'S ECOSYSTEM AND ENDANGERED SPECIES.
- PUBLIC ENGAGEMENT: THE WATERSHED CONSERVATION AUTHORITY (WCA) AND THE U.S. FOREST SERVICE HAVE SOLICITED PUBLIC COMMENT ON PROJECT PLANS AS PART OF THE ENVIRONMENTAL REVIEW PROCESS.

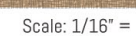
- TMDL ESTABLISHMENT: THE EAST FORK SAN GABRIEL RIVER TRASH TMDL WAS ESTABLISHED BY THE CALIFORNIA STATE WATER RESOURCES CONTROL BOARD IN 2000 TO ADDRESS SIGNIFICANT TRASH POLLUTION FROM RECREATIONAL VISITORS.
- ONGOING IMPLEMENTATION: THE FOREST SERVICE IS TASKED WITH IMPLEMENTING BEST MANAGEMENT PRACTICES (BMPs) TO COMPLY WITH THE TMDL, WITH MONITORING AND REPORTING REQUIREMENTS.
- FUNDING: FUNDING FOR THE PROJECT IS FROM STATE AND FEDERAL SOURCES ARE FUNDING THE FIRST PHASE OF THE NEW RECREATION IMPROVEMENTS PROJECT, A LONG-TERM EFFORT TO COMBINE TMDL COMPLIANCE WITH RECREATION ENHANCEMENTS.

IS A PROTECTED AREA COVERING PARTS OF THE ANGELES NATIONAL FOREST AND SAN BERNARDINO NATIONAL FOREST IN SOUTHERN CALIFORNIA. PRESIDENT BARACK OBAMA FIRST DESIGNATED THE MONUMENT IN 2014, AND IT WAS EXPANDED IN 2024 TO PROTECT MORE OF THE AREA'S BIODIVERSITY, HISTORICAL SITES, AND CULTURAL HERITAGE. IT IS MANAGED BY THE U.S. FOREST SERVICE.



TO BETTER MANAGE RECREATION USE AND BALANCE THE NEEDS FOR RESOURCE PROTECTION ALONG AN APPROXIMATE 2.5-MILE REACH OF THE EAST FORK OF THE SAN GABRIEL RIVER, THE WATERSHED CONSERVATION AUTHORITY HAS PARTNERED WITH THE ANGELES NATIONAL FOREST (ANF) SAN GABRIEL MOUNTAINS NATIONAL MONUMENT TO CONDUCT THE SAN GABRIEL RIVER CONFLUENCE WITH CATTLE CANYON IMPROVEMENTS PROJECT. RECREATIONAL USE IS HIGHLY CONCENTRATED WITHIN AREAS OF THE PROJECT SITE. THIS HEAVY USE COMBINED WITH THE LACK OF FACILITIES HAS RESULTED IN DEGRADED ENVIRONMENTAL CONDITIONS. AS A RESPONSE, THIS PROJECT REPRESENTS AN OPPORTUNITY FOR ALL STAKEHOLDERS TO ENVISION "A RIVER FUTURE" THAT SUPPORTS MULTIPLE USES INCLUDING SUSTAINABLE RECREATION. PROPOSED IMPROVEMENTS WILL PROVIDE RECREATION INFRASTRUCTURE THAT IS HIGH QUALITY, WELL-MAINTAINED, SAFE, ACCESSIBLE AND CONSISTENT WITH VISITORS' EXPECTATIONS. THESE FACILITIES WILL BE DEVELOPED TO SHIFT AND CONCENTRATE RECREATIONAL USE TO CERTAIN AREAS IN ORDER TO MINIMIZE ADVERSE EFFECTS OVER A BROADER AREA. IT IS ANTICIPATED THAT THE IMPROVEMENTS, TOGETHER WITH BETTER MANAGEMENT OF THE RECREATION RESOURCES WILL PROMOTE STEWARDSHIP OF PUBLIC LAND BY PROVIDING QUALITY AND SUSTAINABLE RECREATION OPPORTUNITIES THAT RESULT IN INCREASED VISITOR SATISFACTION. THE PROJECT ALSO INTENDS TO IMPROVE HABITAT CONDITIONS IN CERTAIN AREAS WHILE MAKING PROGRESS TOWARD ENHANCING STREAM HABITAT CONDITIONS BY RESTORING VEGETATION, MINIMIZING INVASIVE PLANTS AND NOXIOUS WEED PRESENCE, AND DEVELOPING MANAGEMENT STRATEGIES TO REGULATE ACCESS.

PROTECTED SPECIES EXIST IN THE PROJECT AREA. THE SANTA ANA SUCKER (CATOSTOMUS S. SANTAANAE) IS LISTED AS THREATENED UNDER THE FEDERAL ENDANGERED SPECIES ACT. THE EAST FORK IS ONE OF ITS LAST REMAINING VIABLE POPULATIONS. MOUNTAIN YELLOW-LEGGED FROG (RANA MUSCOSA) IS ENDANGERED, AND THE UPPER EAST FORK PROVIDES CRITICAL HABITAT FOR IT.



THE PROJECT ESTABLISHES A SUSTAINABLE ACCESS MODEL TO PROMOTE RESPONSIBLE USE AND PROVIDES A SAFE PATH TO THE RIVER. TWO RIVER ACCESS POINTS ARE INCLUDED IN THE PROJECT DESIGN. THE DOWNSTREAM ACCESS TRAIL, ACROSS FROM THE OAKS PICNIC AREA WILL BE A COMBINATION EARTHEN PATH OF COMPACTED NATURAL MINERAL SOIL, AND CONCRETE STEPS AND LANDINGS. EXISTING BEDROCK IS TO BE CHISELED OR FILLED WITH MASONRY WHERE NECESSARY TO ACHIEVE THE DESIGNED PATH. STONE MASONRY WALLS ARE TO BE CONSTRUCTION OF LOCAL ROCK FROM THE SAN GABRIEL MOUNTAINS. THE DESIGN INTENT IS TO MIMIC THE EXISTING HISTORIC WALLS USING LOCAL MATERIALS. ALONG THE RIVER ACCESS PATH STONE MASONRY WALLS ARE TO BE CONSTRUCTED WHERE CONDITIONS REQUIRE THE PATH TO BE ELEVATED OR SOILS TO BE RETAINED. IT IS INTENDED THAT NO WALL EXCEEDS FOUR FOOT IN HEIGHT. THE PROJECT LANDSCAPE ARCHITECT WILL APPROVE WALL MOCK-UPS, LOCATIONS AND ADVISE ON THE EXTENT OF THE WALLS. THE LOWER REACH OF THE EXISTING TRAIL HAS STACKED CONCRETE CRIB WALL AND STEPS THAT ARE TO BE REMOVED. IN THIS AREA RUBBLE SHOULD BE REMOVED TO EXPOSE BEDROCK. THE CONSTRUCTION OF THE LOWER LANDING WILL ALIGN WITH THE EXISTING RIVER WALLS AND SHALL NOT EXTEND INTO THE RIVER BED.



	PROJECT TITLE	SHEET TITLE	WATERSHED CONSERVATION AUTHORITY 100 N OLD SAN GABRIEL CANYON ROAD AZUSA, CA 91702 PHONE: (626) 815-1019 <i>Lynne Dwyer</i> Landscape Architect 2616 NORTH FIGUEROA, SUITE A LOS ANGELES, CA 90065 (323) 221-9500	REVISIONS	DATE
	OAKS STAIRWAY & OVERLOOK EAST FORK, SAN GABRIEL RIVER	PROJECT HISTORY & DESIGN INTENT			
DRAWN BY:	SH				
CHECKED BY:	LD				
PROJECT NO.	OS2019				
DATE:	JULY 15, 2026				
L-1.00					

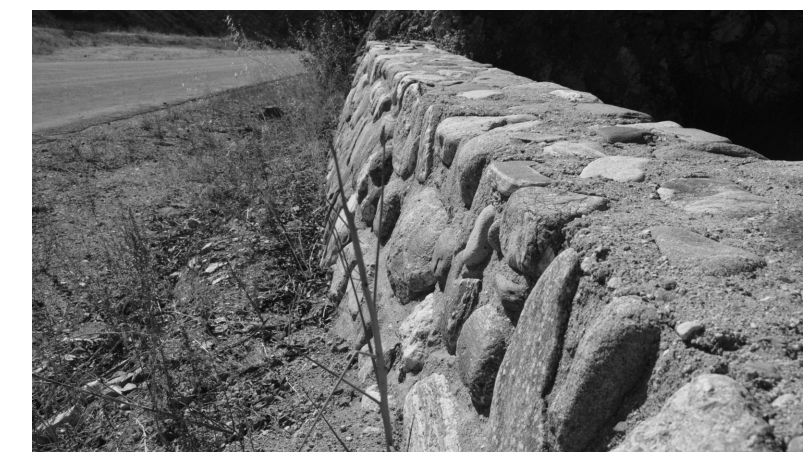
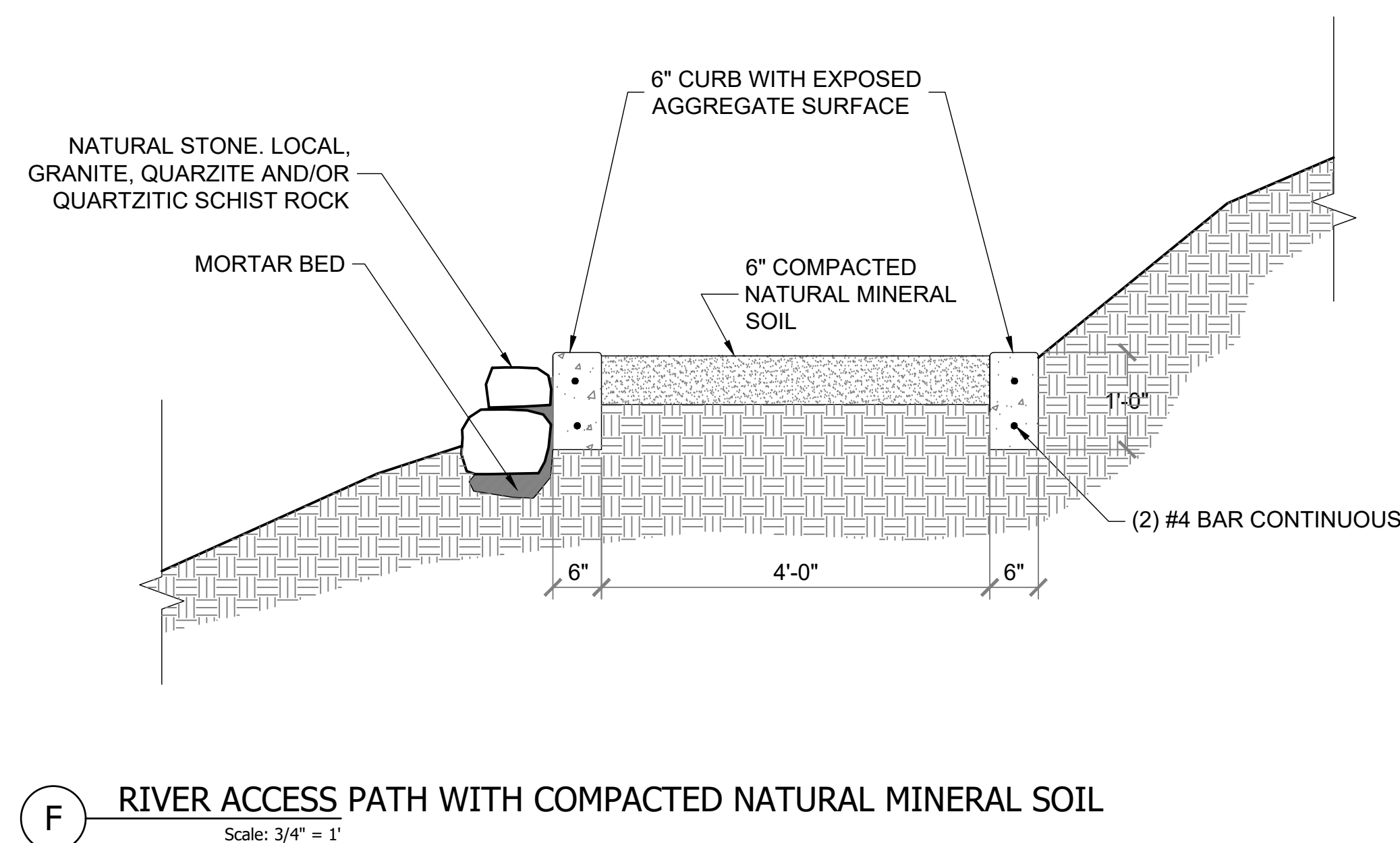
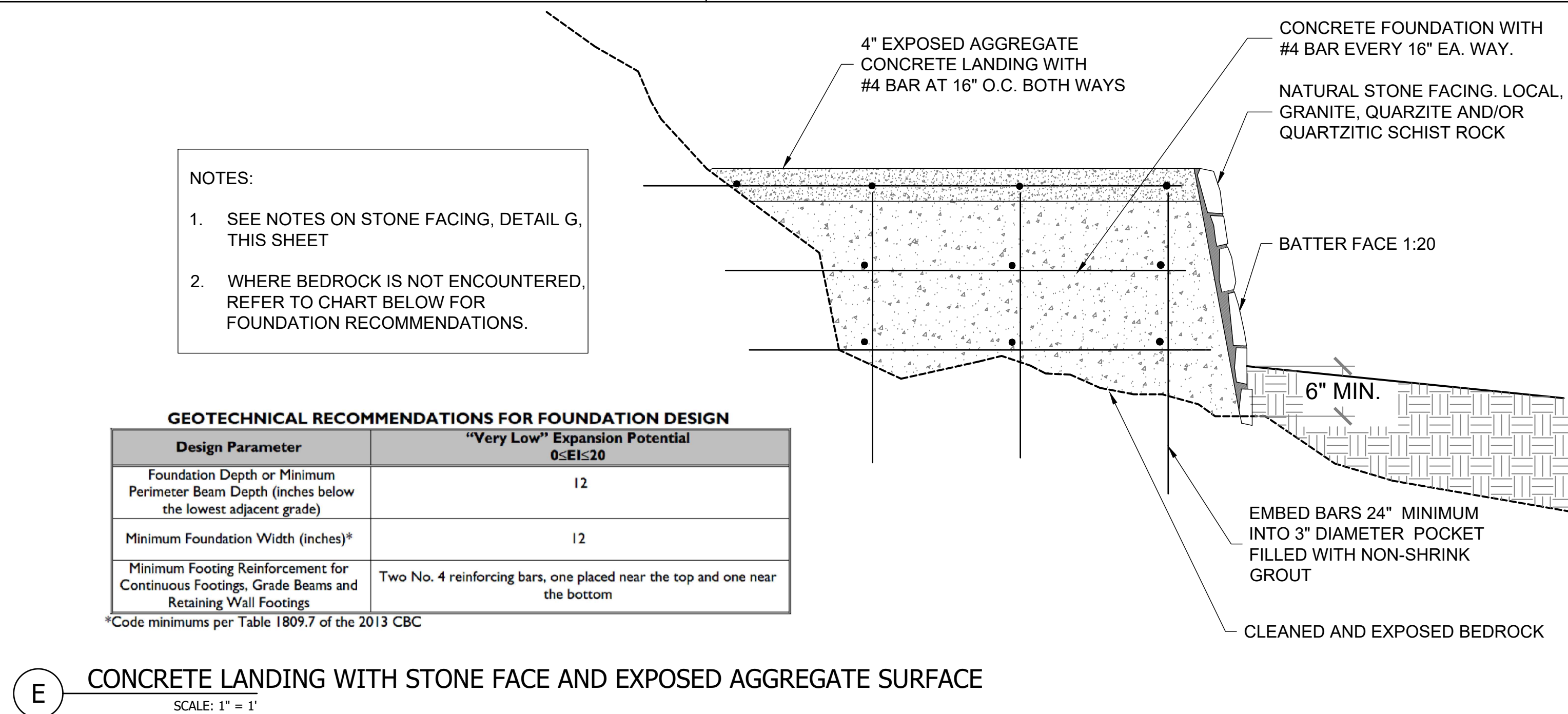
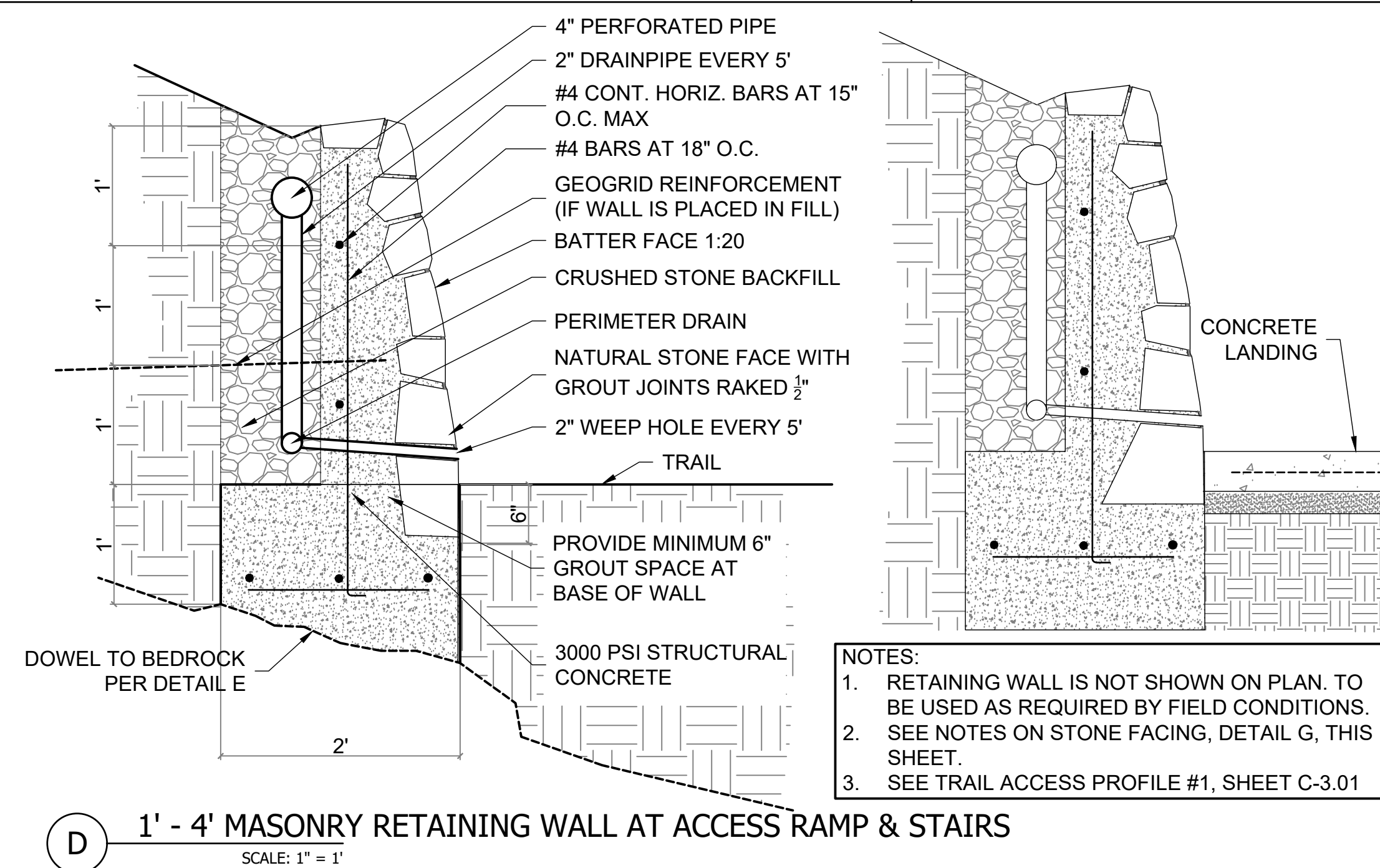
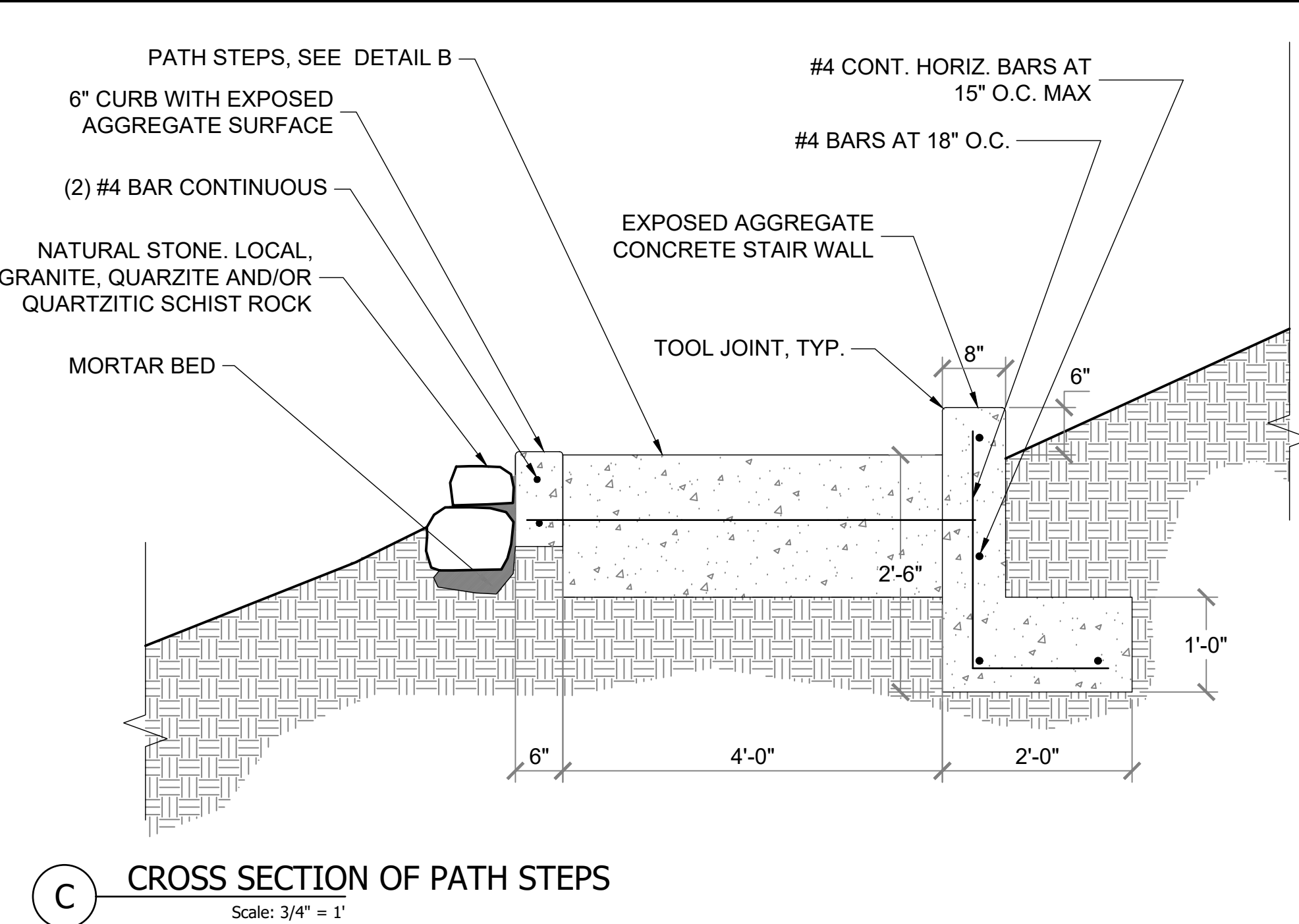
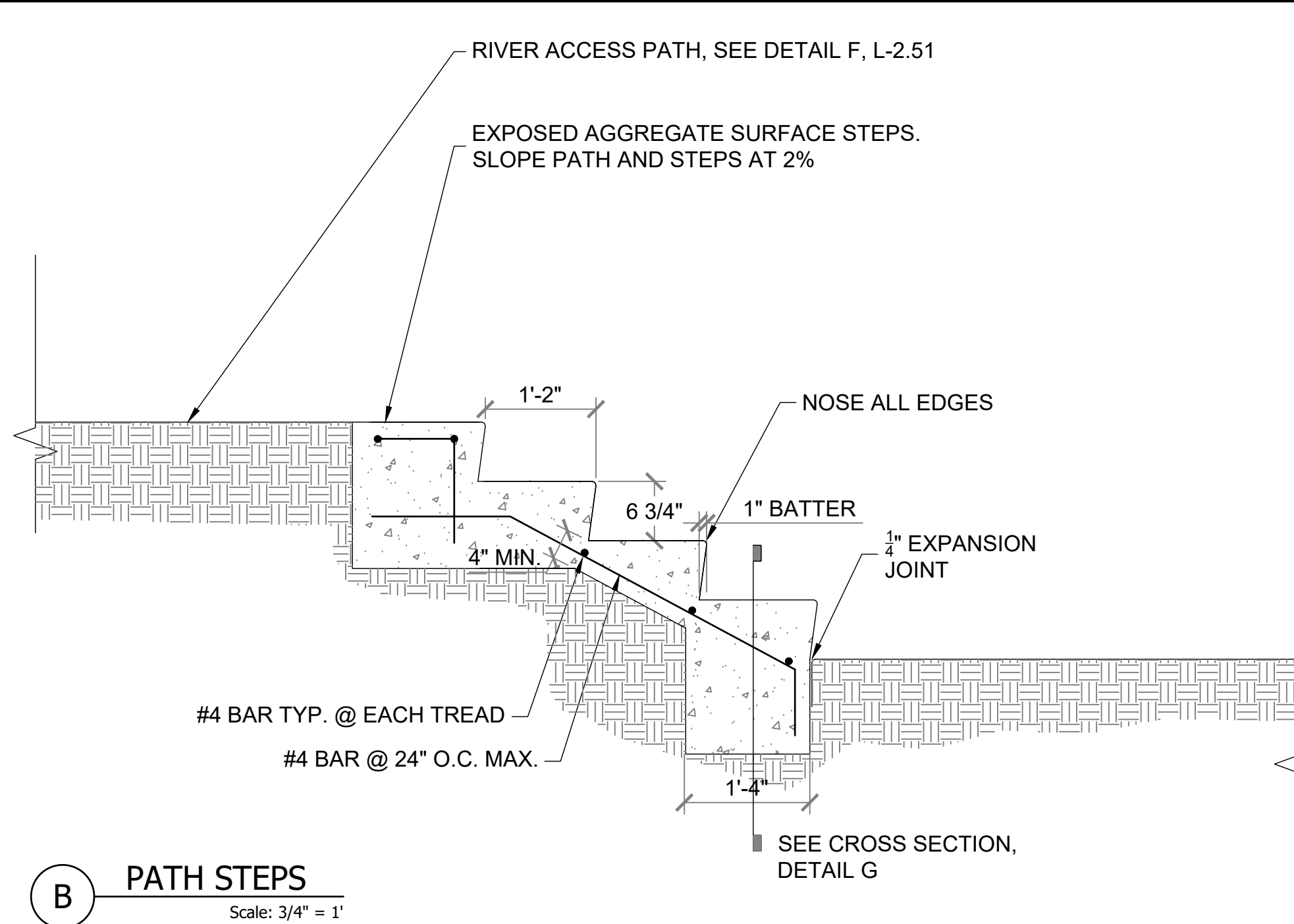
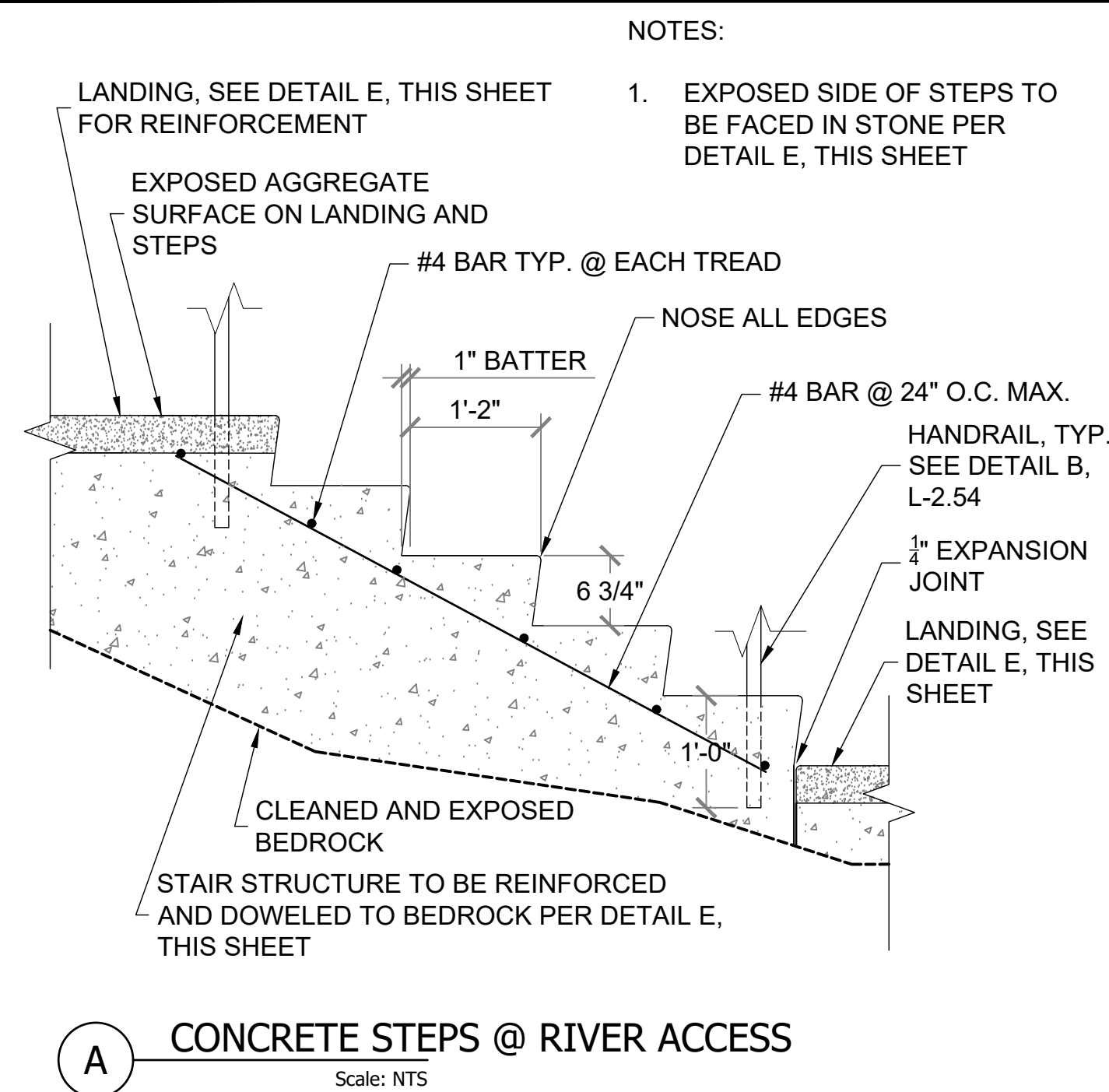
PROJECT HISTORY & DESIGN INTENT

AKS STAIRWAY &
OVERLOOK
EAST FORK,
SAN GABRIEL RIVER

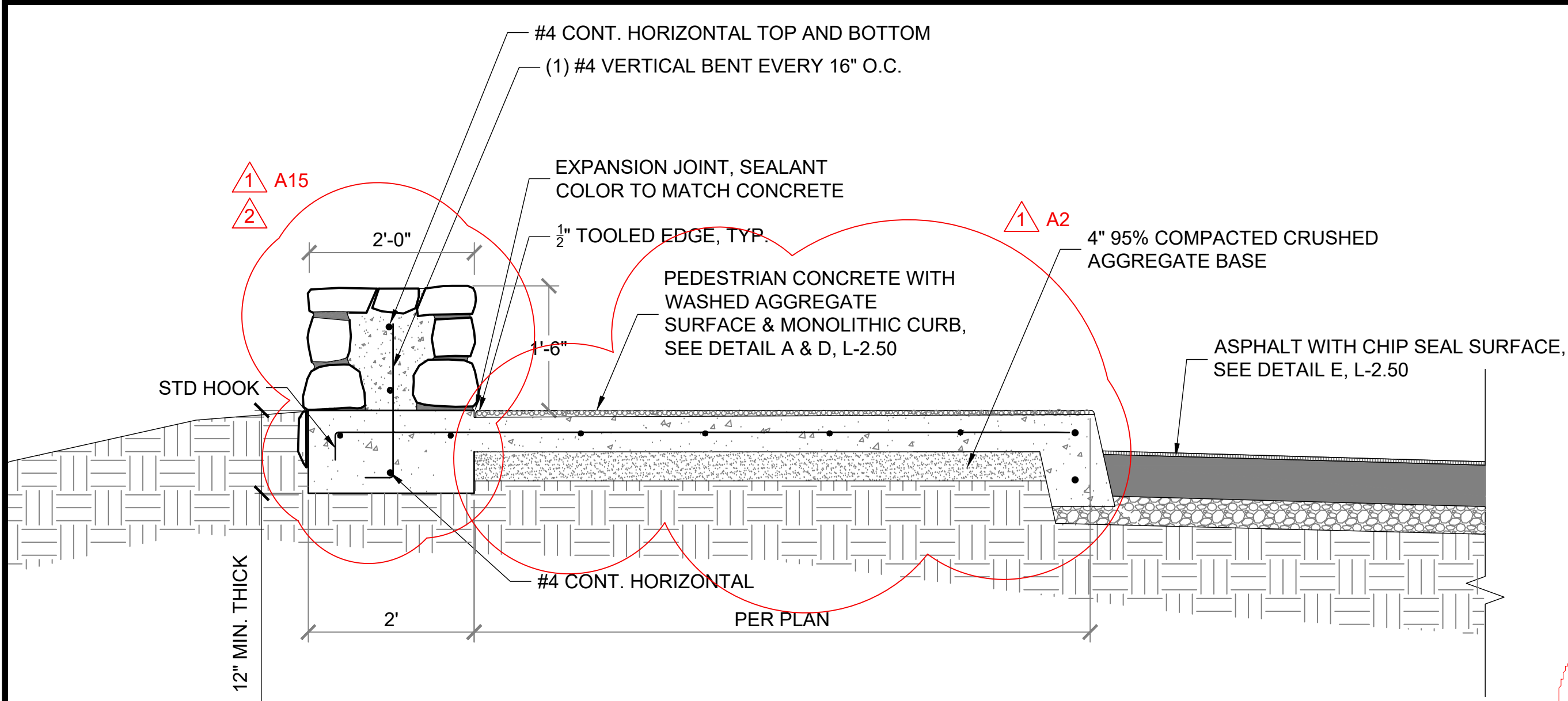


DATE: JULY 15, 2026

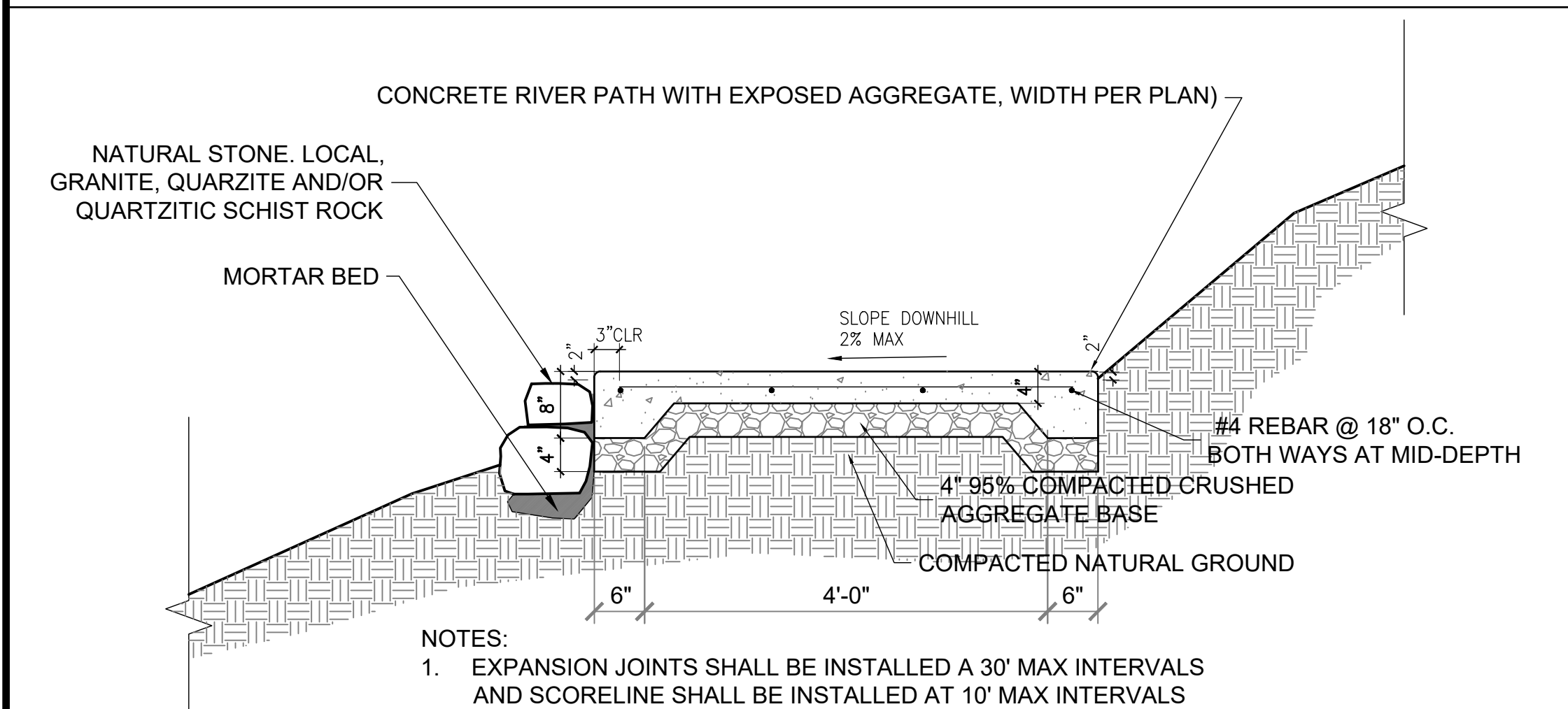
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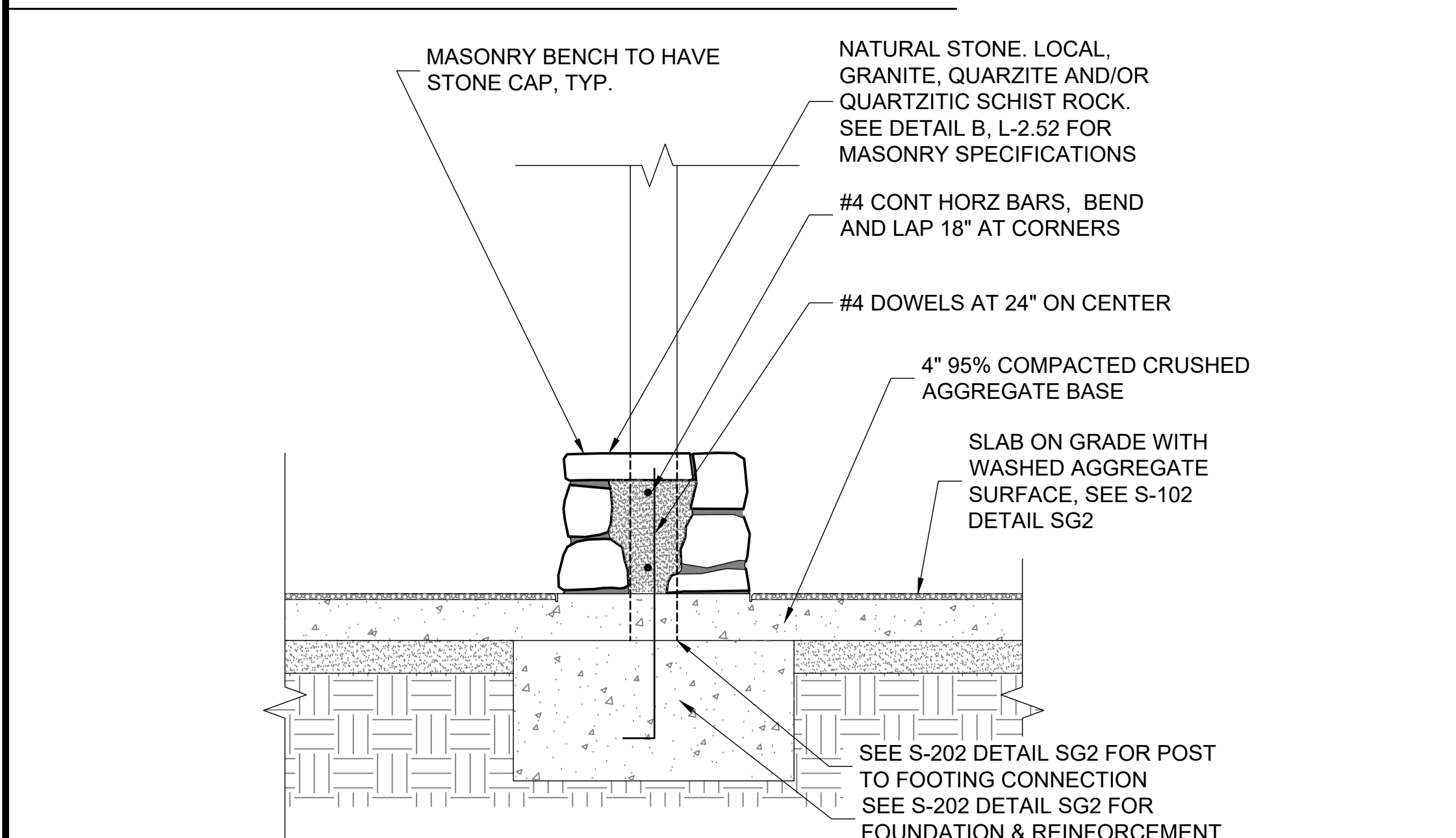
 PROJECT TITLE OAKS STAIRWAY & OVERLOOK EAST FORK, SAN GABRIEL RIVER		SHEET TITLE CONSTRUCTION DETAILS		WATERSHED CONSERVATION AUTHORITY 100 N OLD SAN GABRIEL CANYON ROAD AZUSA, CA 91702 PHONE: (626) 815-1019 Lynne Dwyer Landscape Architect 2616 NORTH FIGUEROA, SUITE A LOS ANGELES, CA 90065 (323) 221-9500		REVISIONS <table border="1"> <tr> <td>1</td> <td>BID ALTERNATES</td> <td>07/15/2026</td> </tr> <tr> <td>2</td> <td>PLAN REVISIONS</td> <td>07/15/2026</td> </tr> <tr> <td>3</td> <td>CXT RESTROOM</td> <td>07/15/2026</td> </tr> </table>		1	BID ALTERNATES	07/15/2026	2	PLAN REVISIONS	07/15/2026	3	CXT RESTROOM	07/15/2026
1	BID ALTERNATES	07/15/2026														
2	PLAN REVISIONS	07/15/2026														
3	CXT RESTROOM	07/15/2026														
DRAWN BY: KT																
CHECKED BY: LD																
PROJECT NO. OS2019																
DATE: JULY 15 2026																
L-2.51																



A ROCK BARRIER WALL & RIVER OVERLOOK PATH
Scale: 3/4" = 1'



C RIVER ACCESS PATH WITH EXPOSED AGGREGATE CONCRETE
Scale: 3/4" = 1'



D MASONRY BENCH AT SHADE STRUCTURE & KIOSK
Scale: 3/4" = 1'

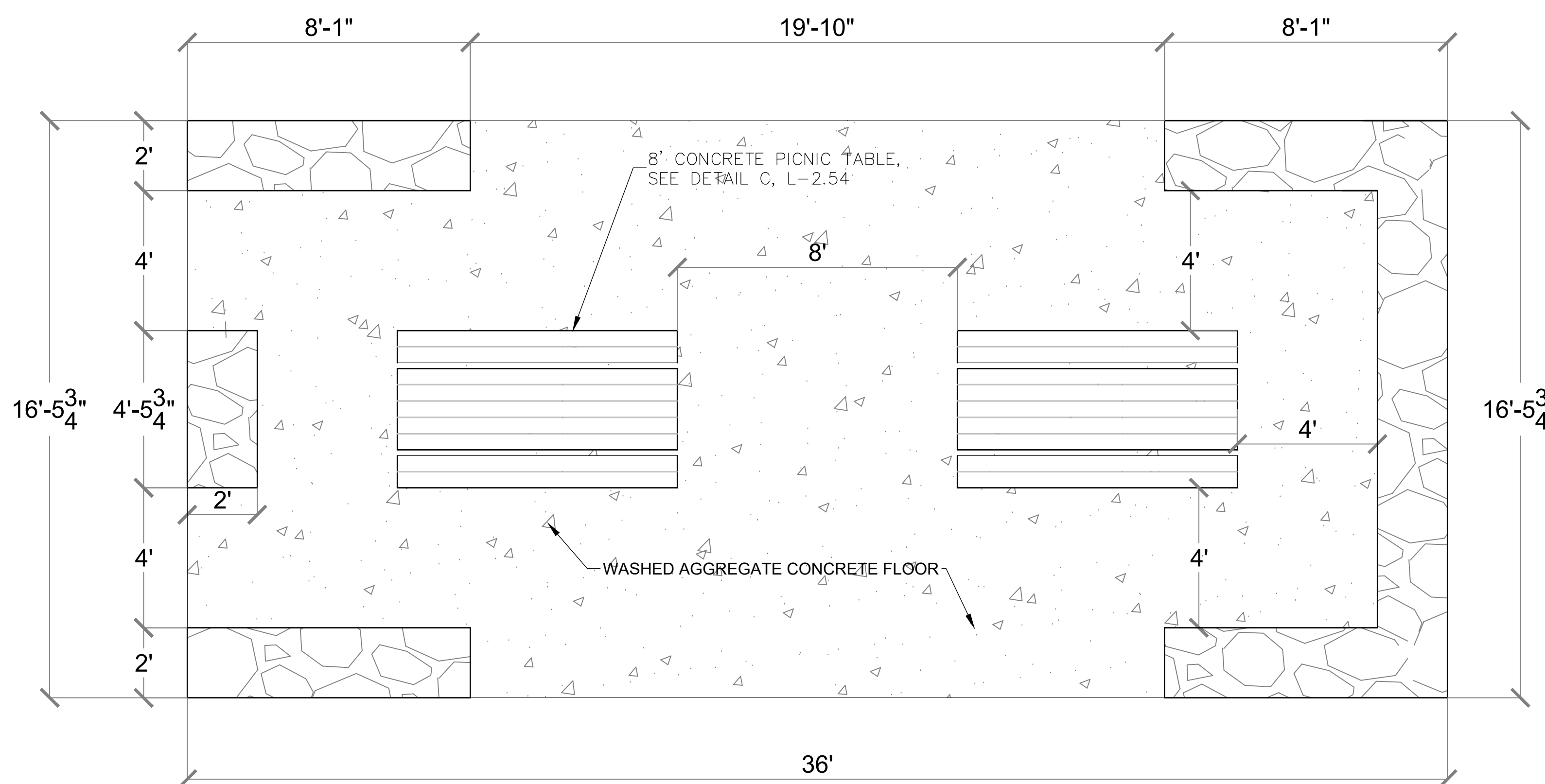
- A. IF REQUIRED, PROVIDE TEMPORARY BRACING DURING INSTALLATION OF MASONRY WORK. MAINTAIN BRACING IN PLACE UNTIL BUILDING STRUCTURE PROVIDES PERMANENT SUPPORT.
- B. PATTERN:
1. BUNCHING OF SMALL ROCKS OR ROCKS OF THE SAME DIMENSION IS NOT PERMITTED
 2. NO MORE THAN 10% OF STONE SHOULD BE OF EQUAL DIMENSION.
 3. INDIVIDUAL STONES SHOULD HAVE HEIGHTS BETWEEN 6 AND 12 INCHES.
 4. INDIVIDUAL STONES SHOULD HAVE LENGTHS BETWEEN 6 AND 18 INCHES.
- C. JOINING WORK: WHERE FRESH MASONRY JOINTS PARTIALLY SET MASONRY:
1. REMOVE LOOSE STONE AND MORTAR.
 2. CLEAN AND LIGHTLY WET SURFACE OF SET MASONRY.
 3. TOOTHING IS NOT PERMITTED.
- D. JOINTS:
1. LAY STONE WITH WIDE MORTAR JOINTS (1" - 2" MAX.) TO REPLICATE HISTORIC STONE INSTALLATION ALONG EAST FORK. JOINT SIZE TO BE AS CONSISTENT AND UNIFORM AS POSSIBLE.
 2. TOOL JOINTS WHEN "THUMB-PRINT" HARD WITH A ROUND JOINTER SLIGHTLY LARGER THAN THE WIDTH OF THE JOINT.
 3. TROWEL-POINT OR CONCAVE TOOL EXTERIOR JOINTS BELOW CONTROL AND EXPANSION JOINTS: KEEP JOINTS OPEN AND FREE OF DEBRIS.
- E. MATERIAL
1. SELECT NATURAL STONE. LOCAL, GRANITE, QUARTZITE AND/OR QUARTZITIC SCHIST ROCK THAT MATCHES LOCAL STONE IN SHAPE AND COLOR.

B MASONRY SPECIFICATIONS FOR ROCK BARRIER WALL
Scale: NTS



SAMPLE ROCK BARRIER WALL NEAR PROJECT SITE

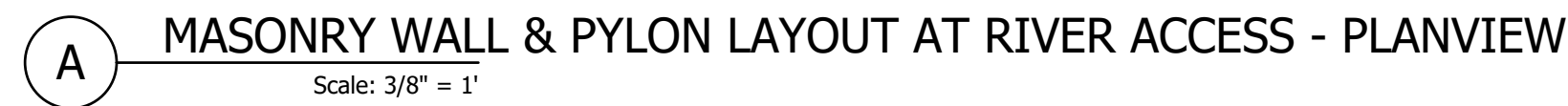
- TOP COURSE IS FLATTER STONE AND SURFACE IS LEVEL AND SMOOTH
- FITTED STONE WITH WIDE, UNIFORM JOINTS
- SMOOTH, SQUARED 90 DEGREE EDGES
- STONES ARE FITTED FOR CONSISTENT 1" TO 2" JOINTS



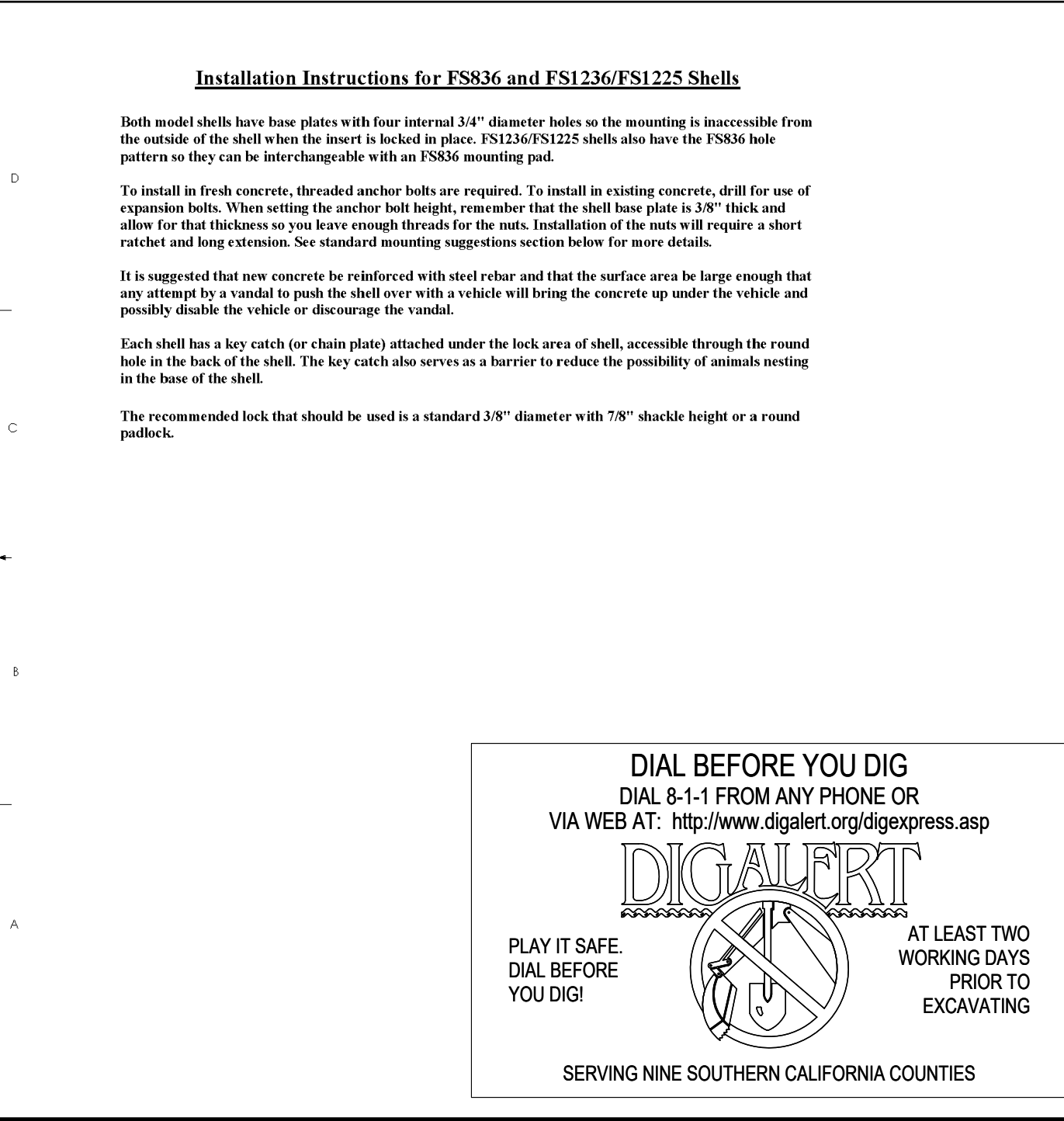
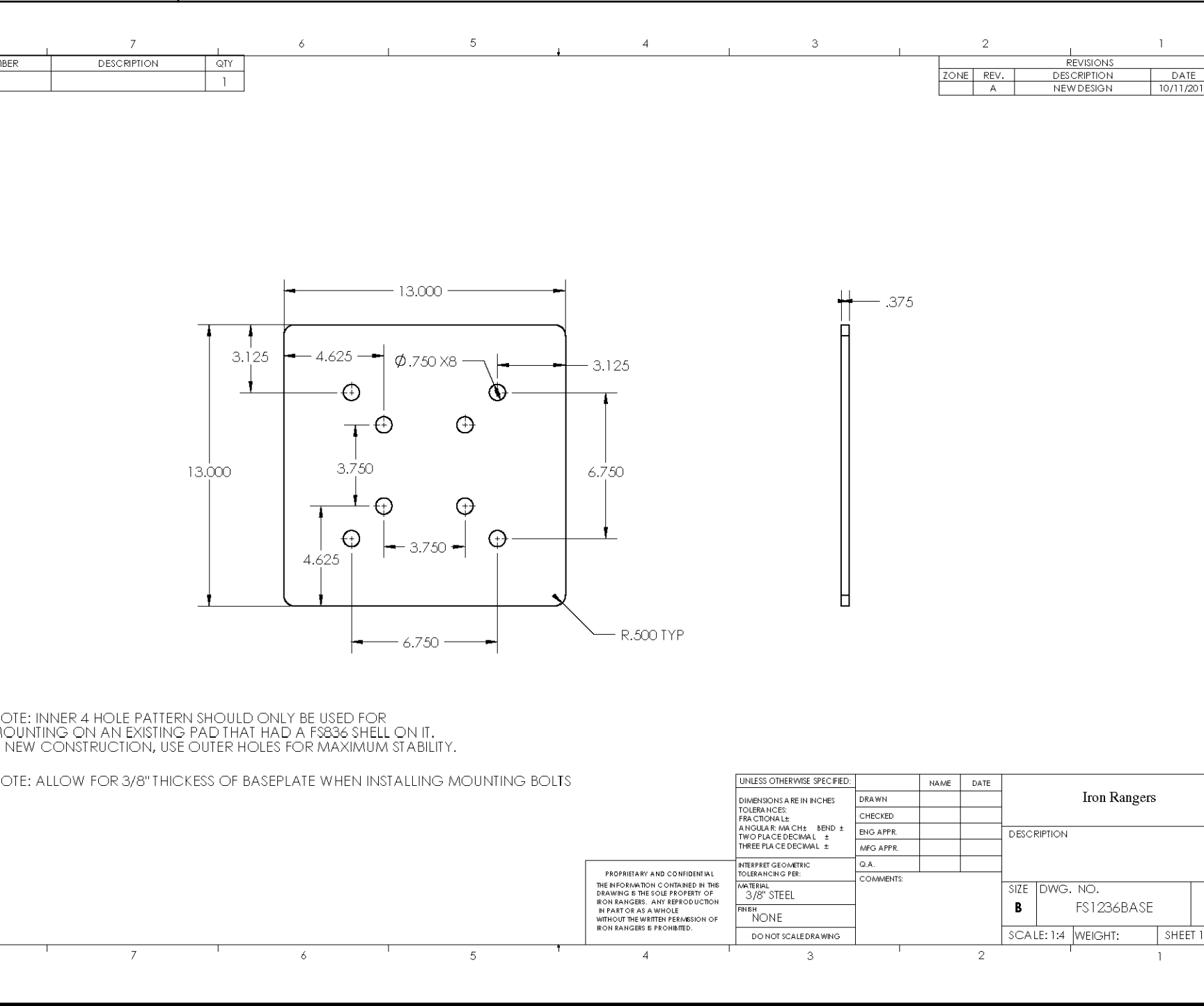
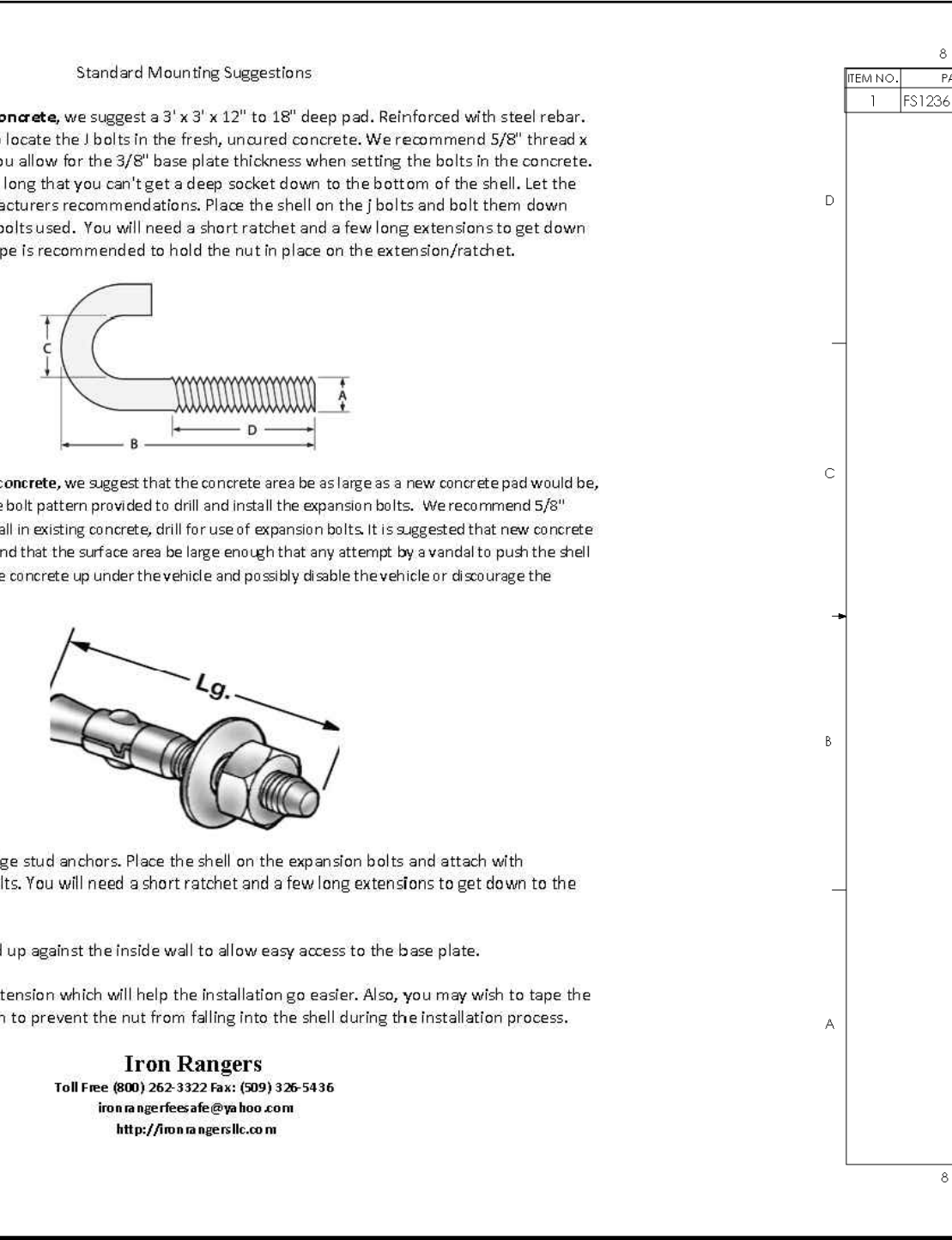
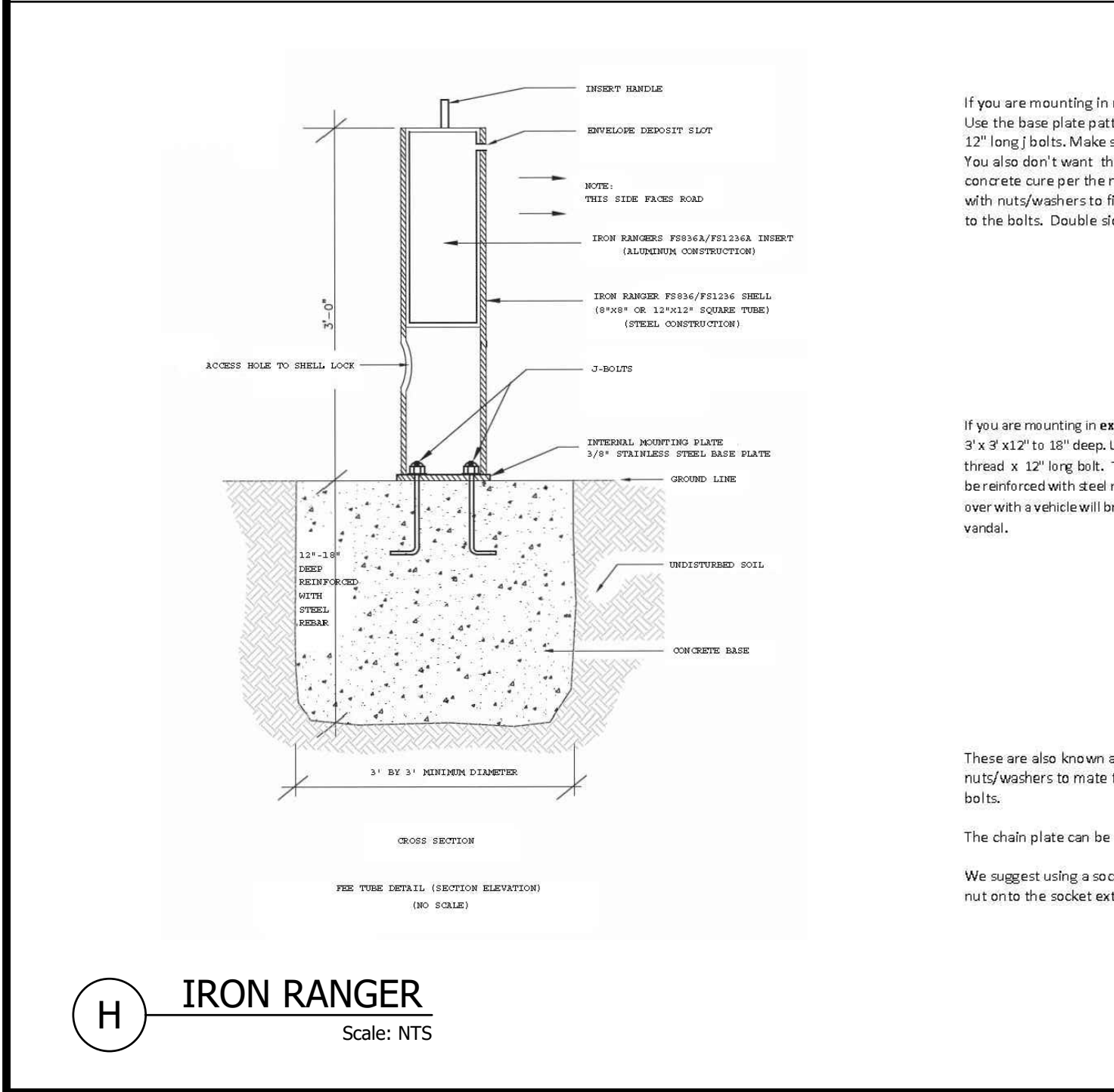
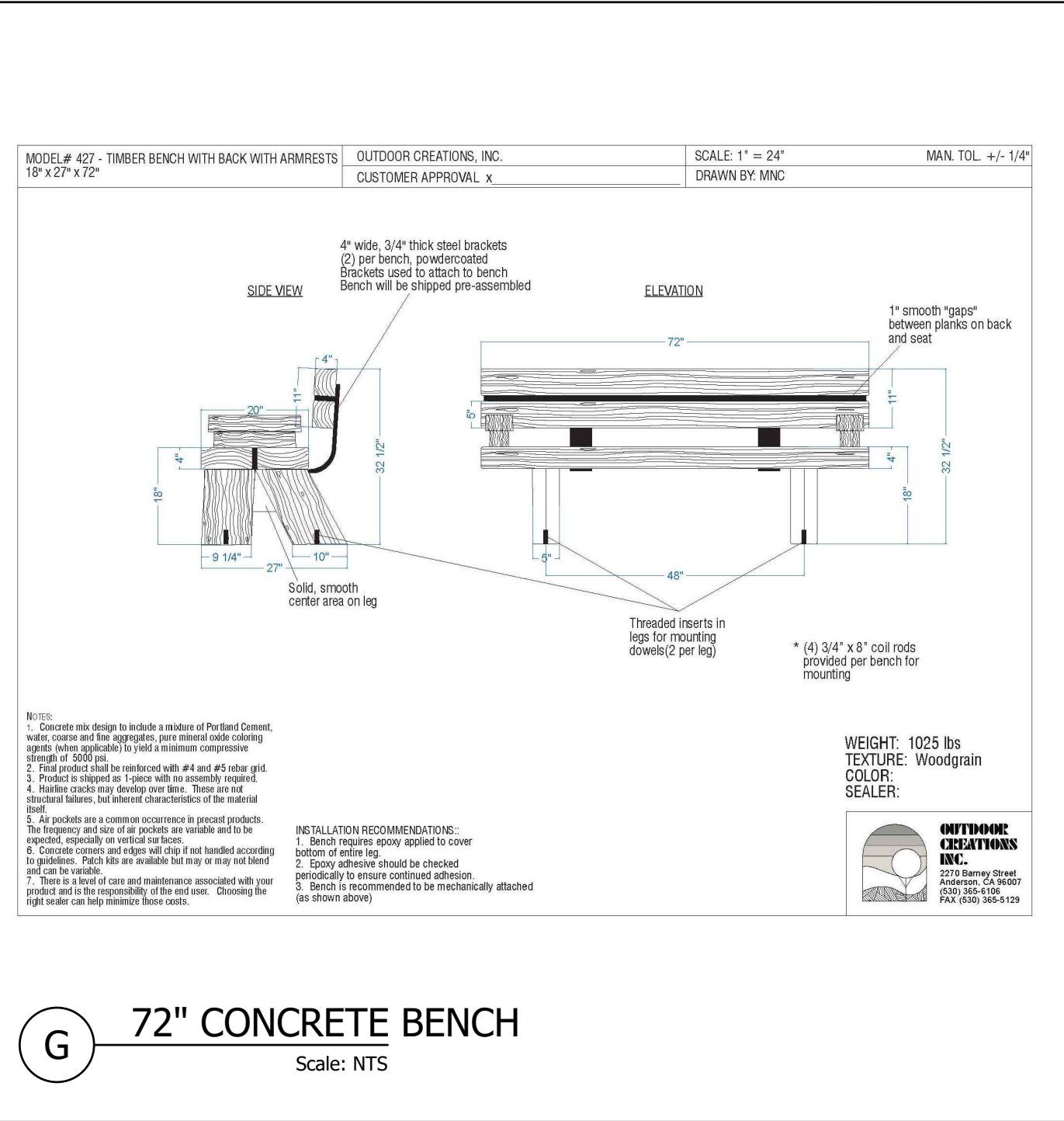
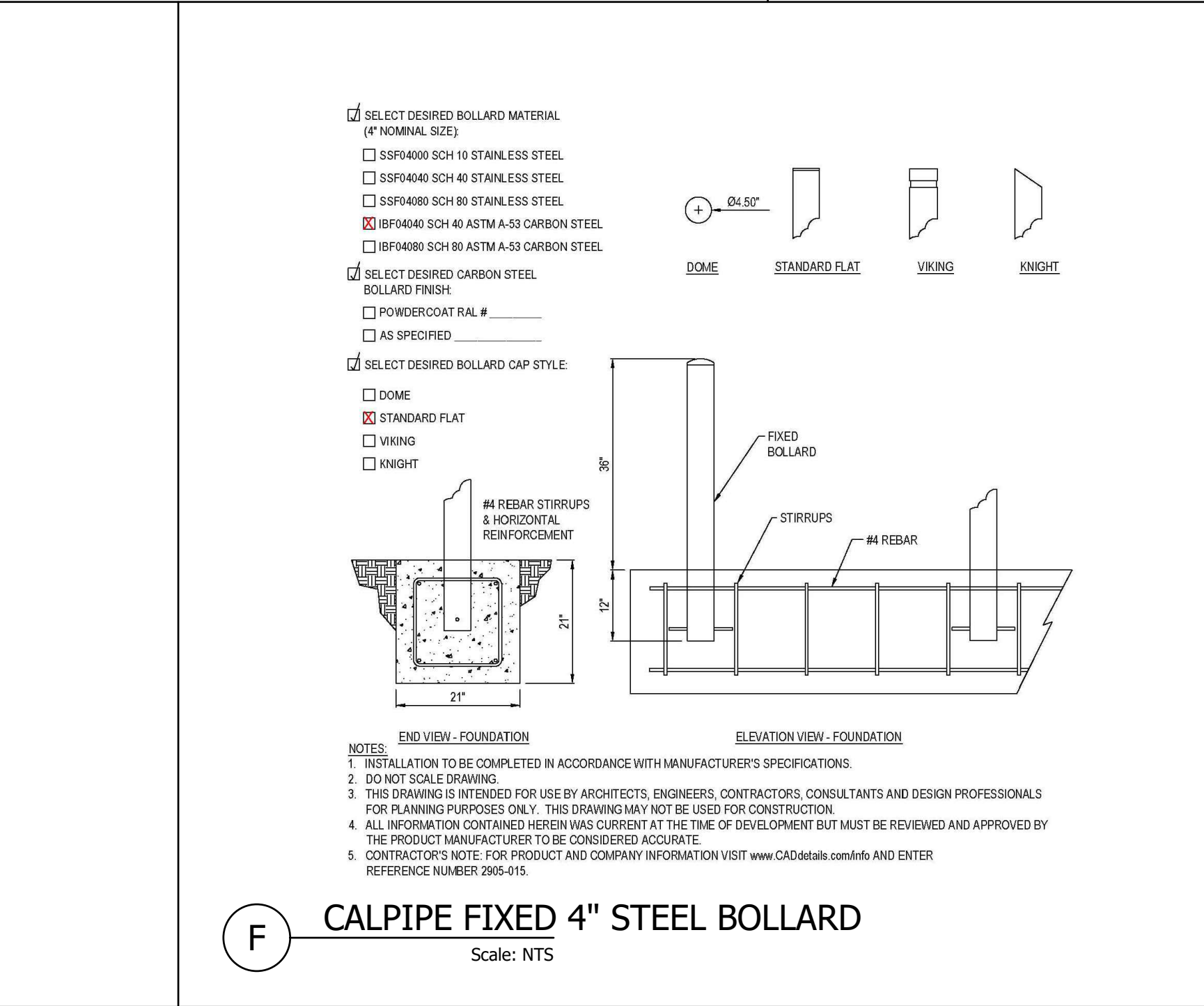
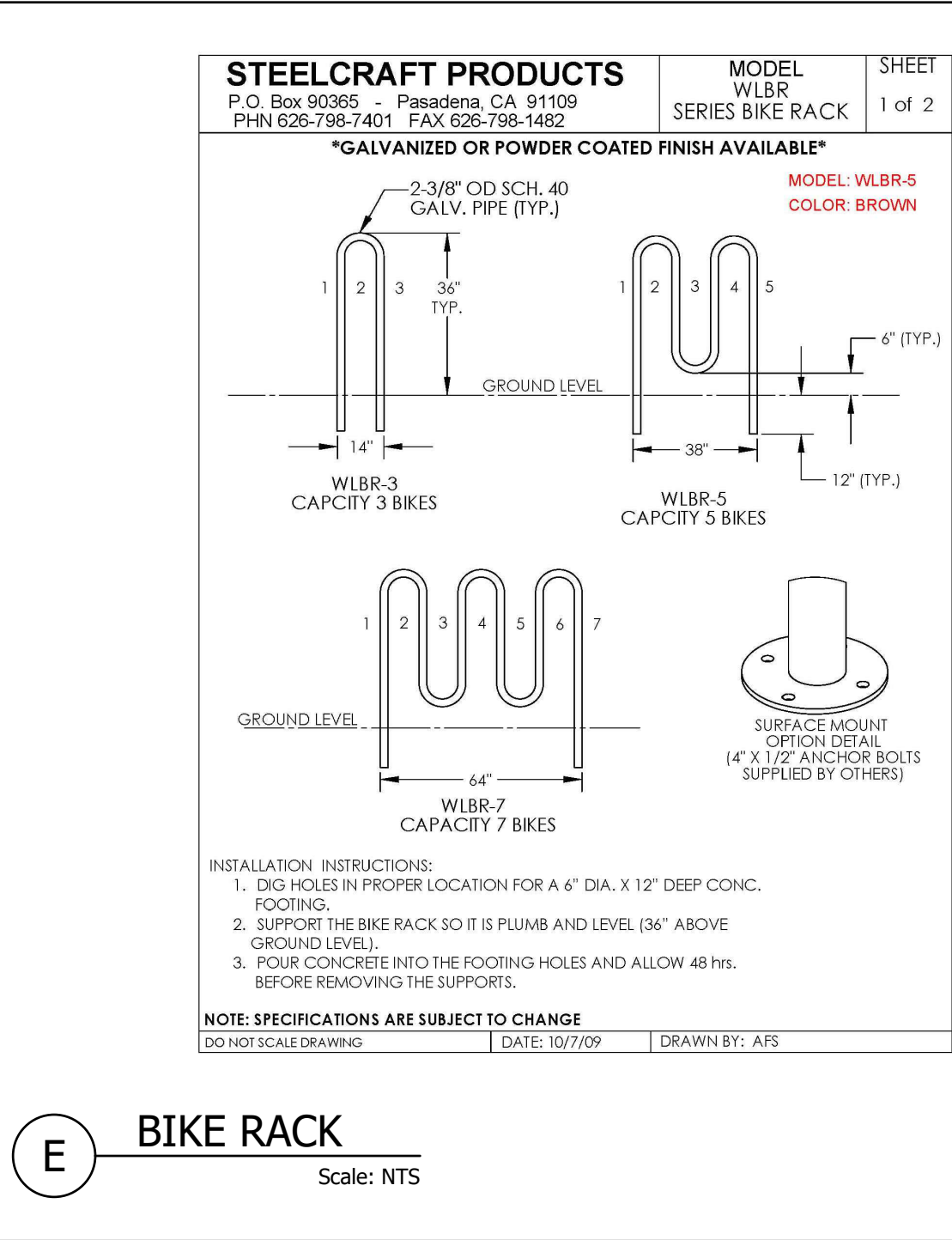
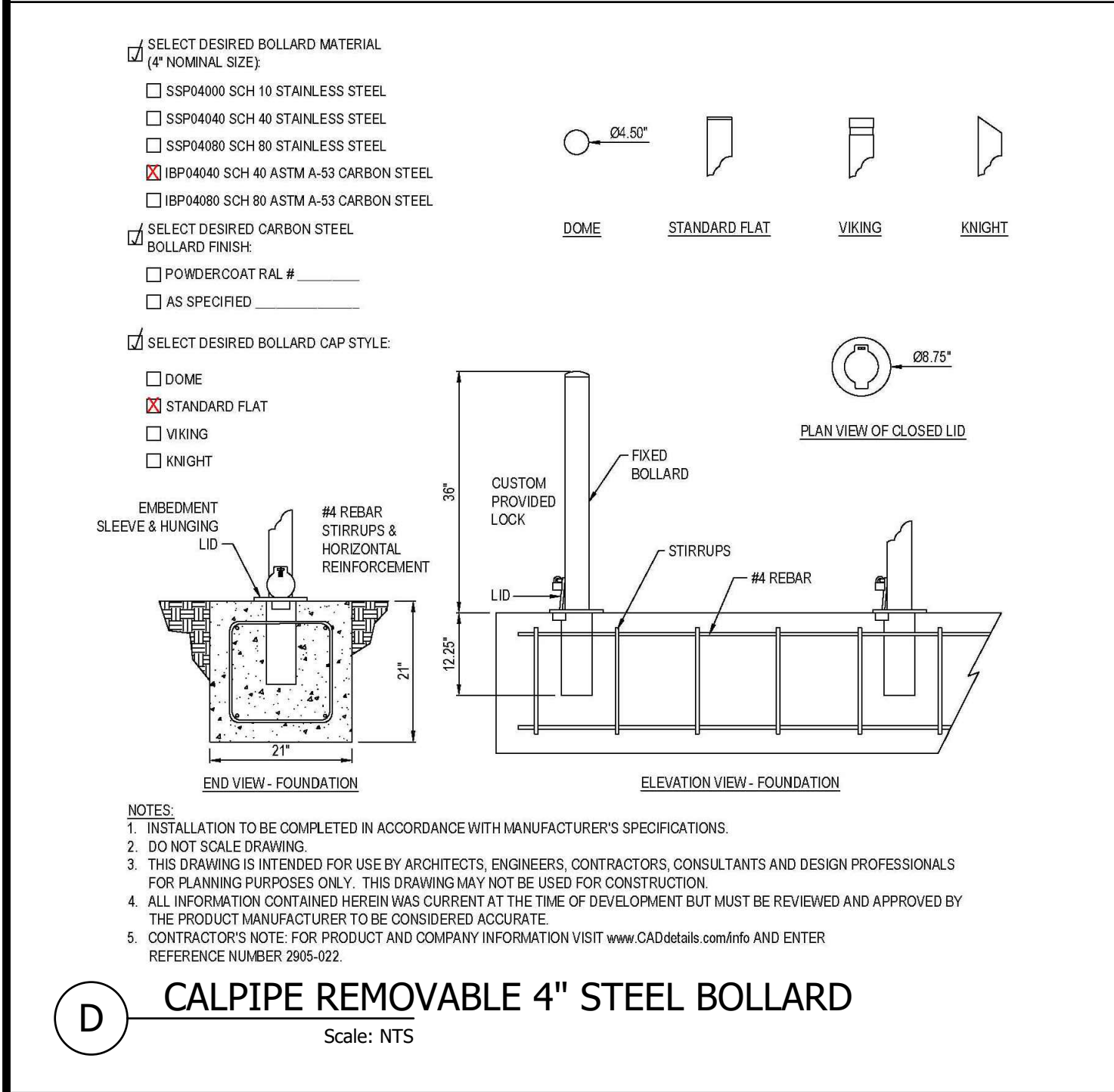
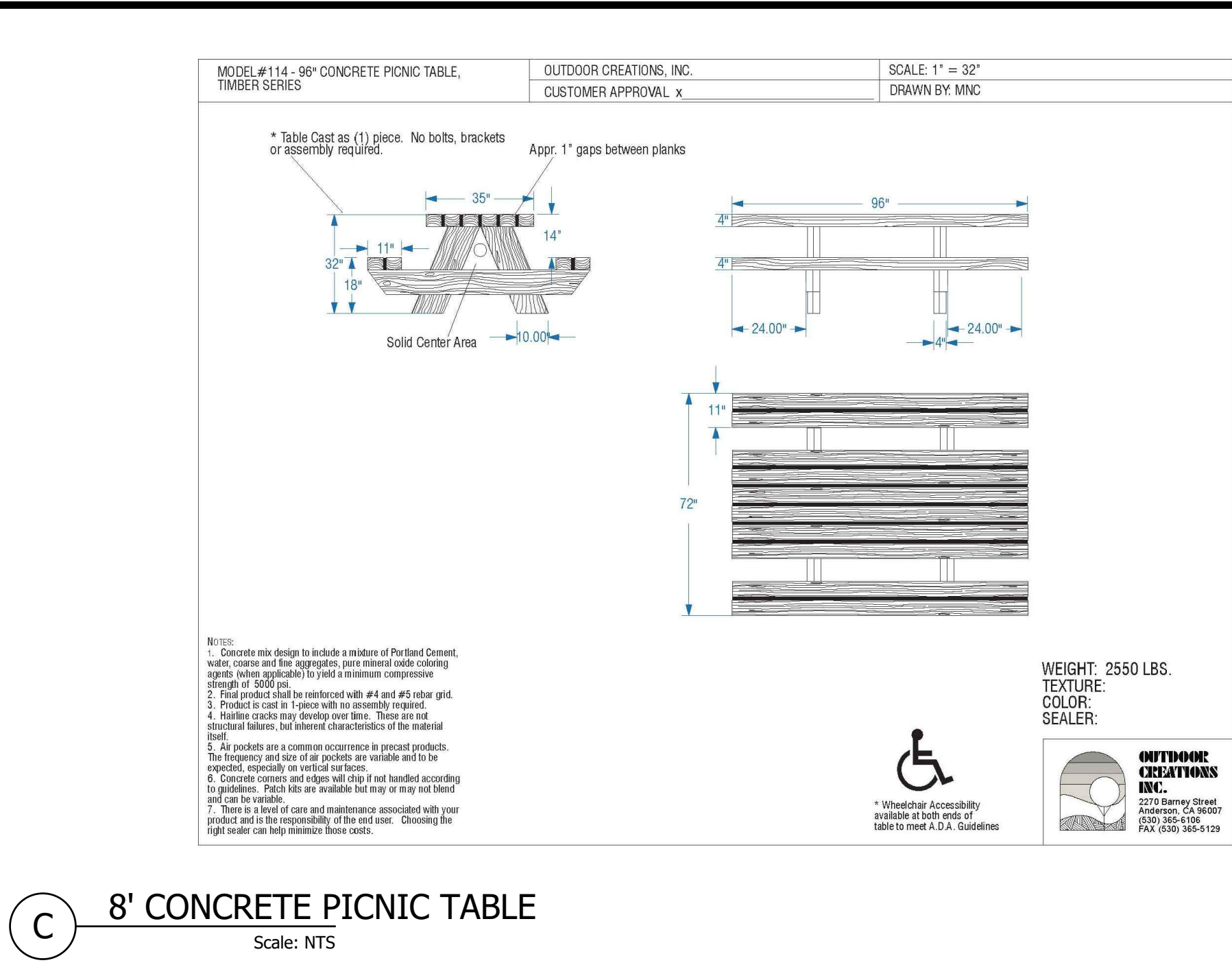
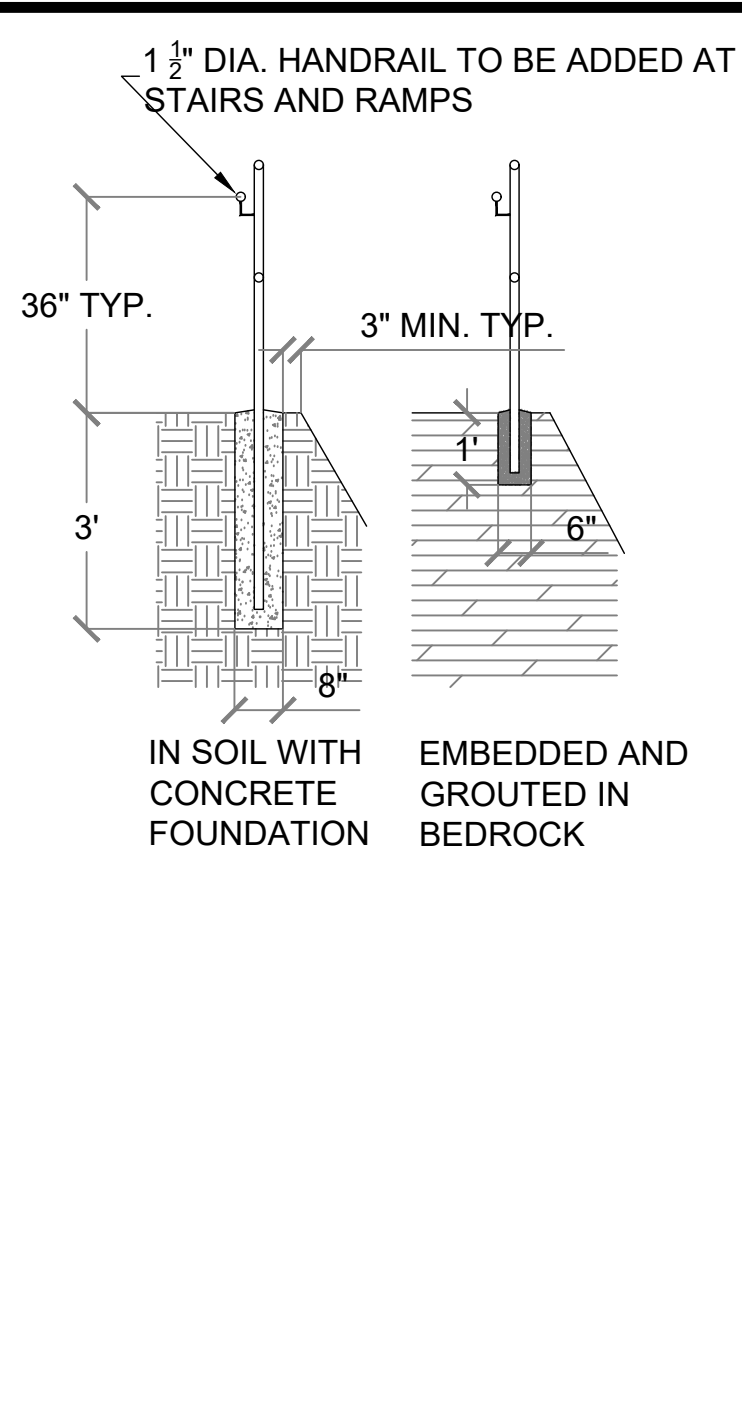
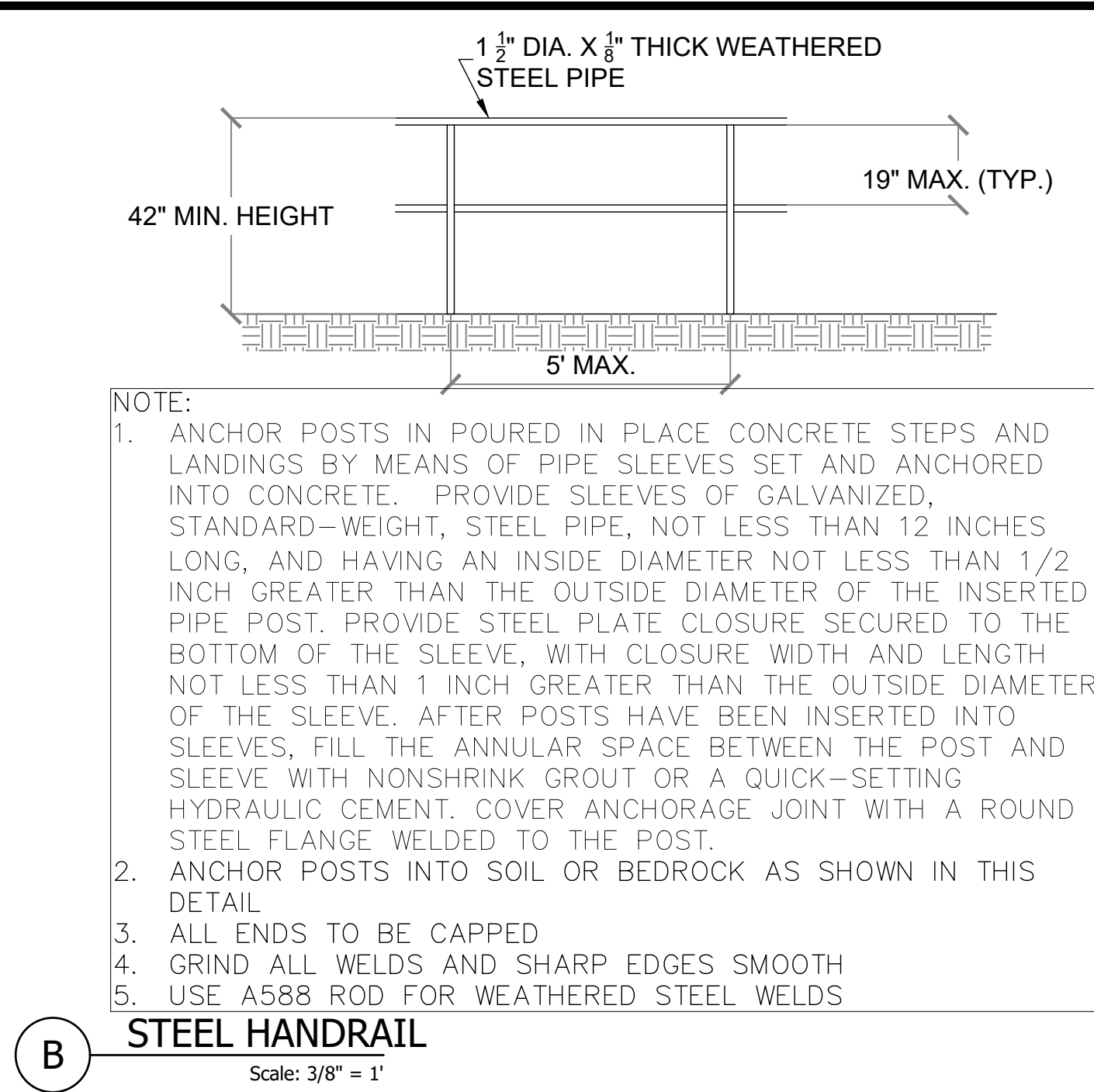
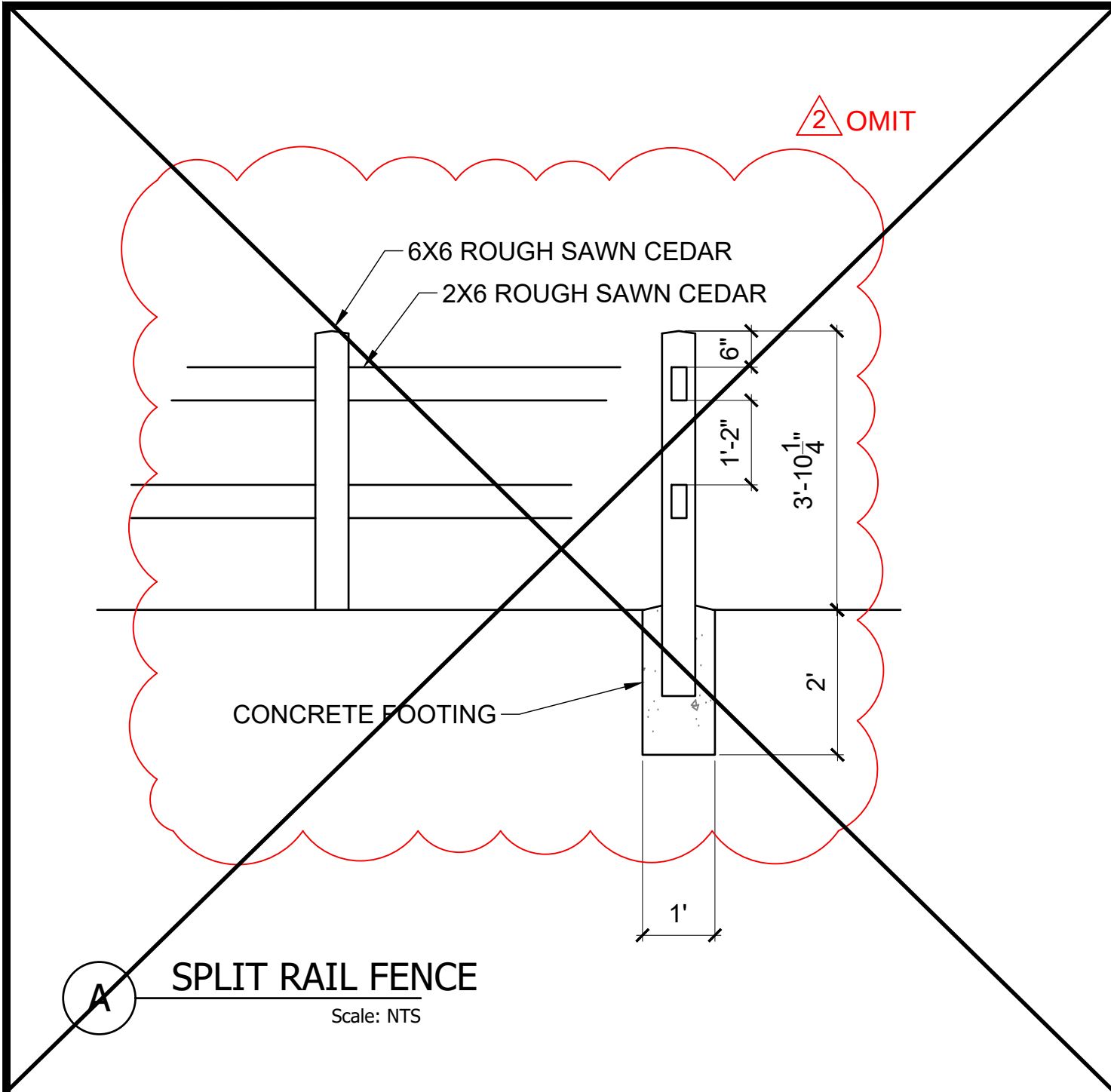
- NOTES
1. DRAWING SHOWS MASONRY SEATWALL LAYOUT ONLY
 2. SEE DETAIL D, L-2.52 FOR MASONRY BENCH
 3. SEE STRUCTURAL PLANS FOR SHADE STRUCTURE FRAMING & FOUNDATION DETAILS

E MASONRY WALLS AT SHADE STRUCTURE
Scale: 3/8" = 1'

DATE	07/15/2026
REVISIONS	BID ALTERNATES PLAN REVISIONS CXT RESTROOM
WATERSHED CONSERVATION AUTHORITY	100 N OLD SAN GABRIEL CANYON ROAD AZUSA, CA 91702 PHONE: (626) 815-1019
PROJECT TITLE	OAKS STAIRWAY & OVERLOOK EAST FORK, SAN GABRIEL RIVER
SHEET TITLE	CONSTRUCTION DETAILS
PROFESSIONAL SEAL	Lynne Dwyer Landscape Architect 2616 NORTH FIGUEROA, SUITE A LOS ANGELES, CA 90065 (323) 221-9500
DRAWN BY:	KT
CHECKED BY:	LD
PROJECT NO.	OS2019
DATE:	JULY 15 2026
L-2.52	



PROJECT TITLE OAKS STAIRWAY & OVERLOOK EAST FORK, SAN GABRIEL RIVER		SHEET TITLE CONSTRUCTION DETAILS		WATERSHED CONSERVATION AUTHORITY 100 N OLD SAN GABRIEL CANYON ROAD AZUSA, CA 91702 PHONE: (626) 815-1019 Lynne Dwyer Landscape Architect 2616 NORTH FIGUEROA, SUITE A LOS ANGELES, CA 90065 (323) 221-9500		REVISIONS 1 BID ALTERNATES 07/15/2026 2 PLAN REVISIONS 07/15/2026 3 CXT RESTROOM 07/15/2026	DATE 07/15/2026
DRAWN BY: KT CHECKED BY: LD PROJECT NO. OS2019 DATE: JULY 15 2026		L-2.53					



WATERSHED CONSERVATION AUTHORITY
100 N OLD SAN GABRIEL CANYON ROAD
AZUSA, CA 91702
PHONE: (626) 815-1019

REVISIONS

DATE	REVISIONS
07/15/2026	BID ALTERNATES
07/15/2026	PLAN REVISIONS
07/15/2026	CXT RESTROOM

PROJECT TITLE

SHADE TRELLIS & KIOSK DETAILS

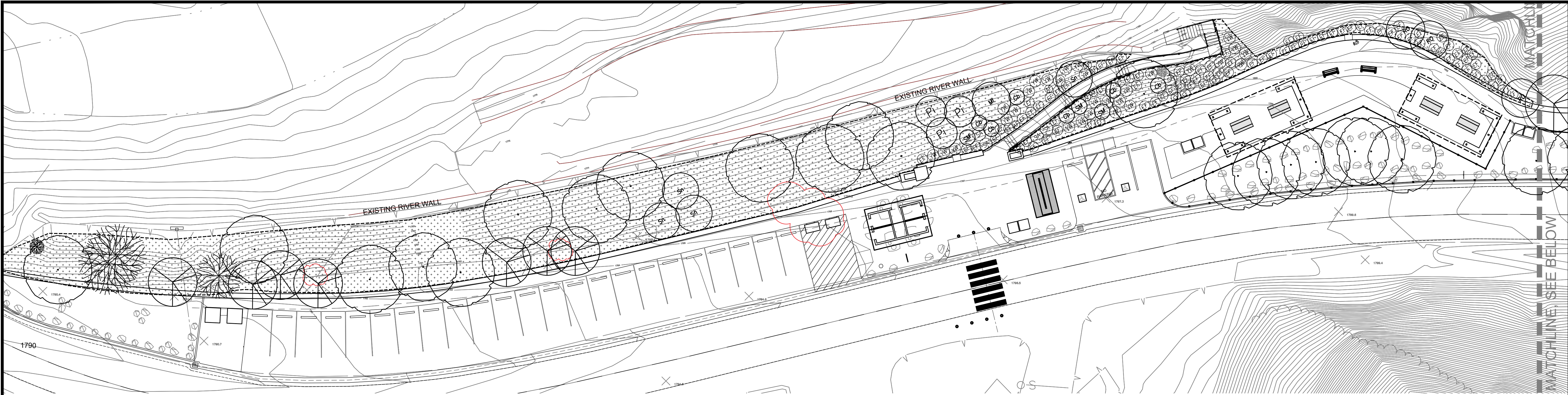
OAKS STAIRWAY & OVERLOOK

EAST FORK, SAN GABRIEL RIVER

Lynne Dwyer
Landscape Architect
2616 NORTH FIGUEROA, SUITE A
LOS ANGELES, CA 90065
(323) 221-9500

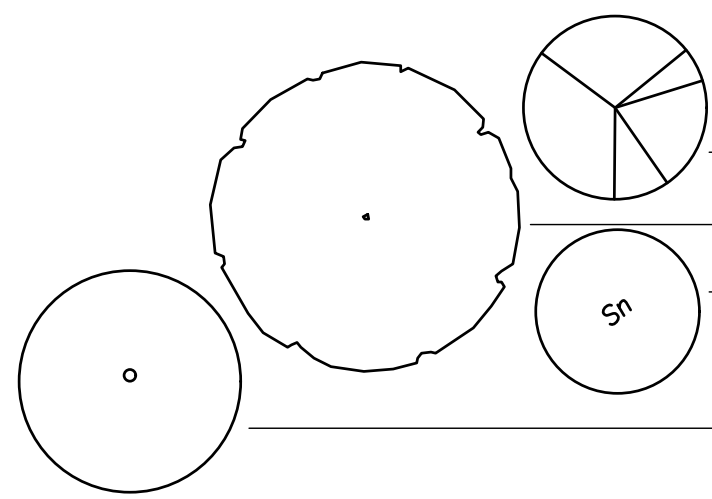
DRAWN BY: KT
CHECKED BY: LD
PROJECT NO.: OS2019
DATE: JULY 15 2026

L-2.54



CONTAINER PLANTS, TREES AND SHRUBS

A12



BOTANICAL / COMMON NAME	SIZE	QTY.	REMARKS
<u>TREES</u>			
FRAXINUS VELUTINA / VELVET ASH	5 GAL.	7	NATURAL FORM/LOW BRANCHING
QUERCUS CHRYSOLEPIS / CANYON LIVE OAK	5 GAL.	31	NATURAL FORM/LOW BRANCHING
SAMBUCUS NIGRA SSP CAERULEA / BLUE ELDERBERRY	5 GAL.	4	NATURAL FORM/LOW BRANCHING
PLATANUS RACEMOSA	5 GAL.	3	NATURAL FORM/LOW BRANCHING

SHRUBS

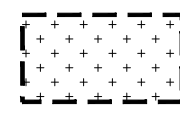
A13

Ad	— ADENOSTOMA FASCICULATUM / CHAMISE	1 GAL.	6
Op	— CERCOCARPUS BETULOIDES / BIRCH LEAF MOUNTAIN MAHOGANY	5 GAL.	6
Er	— ERIOGONUM FASCICULATUM / CALIFORNIA BUCKWHEAT	1 GAL.	126
Hw	— HESPEROYUCCA WHIPPLEI / YUCCA	1 GAL.	30
Mal	— MALOSMA LAURINA / LAUREL SUMAC	1 GAL.	1
Pi	— PRUNUS ILICIFOLIA / HOLLYLEAF CHERRY	1 GAL.	3
Ro	— RHUS OVATA / SUGARBUSH	1 GAL.	3
Sp	— SALVIA APIANA / WHITE SAGE	1 GAL.	5
Sm	— SALVIA MELLIFERA / BLACK SAGE	1 GAL.	3

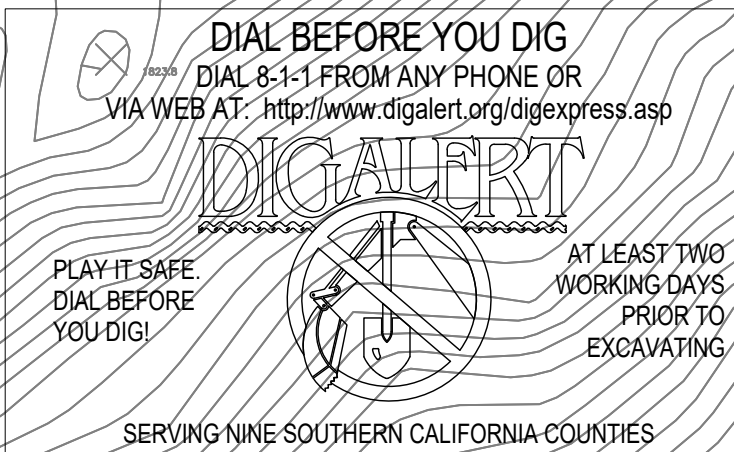
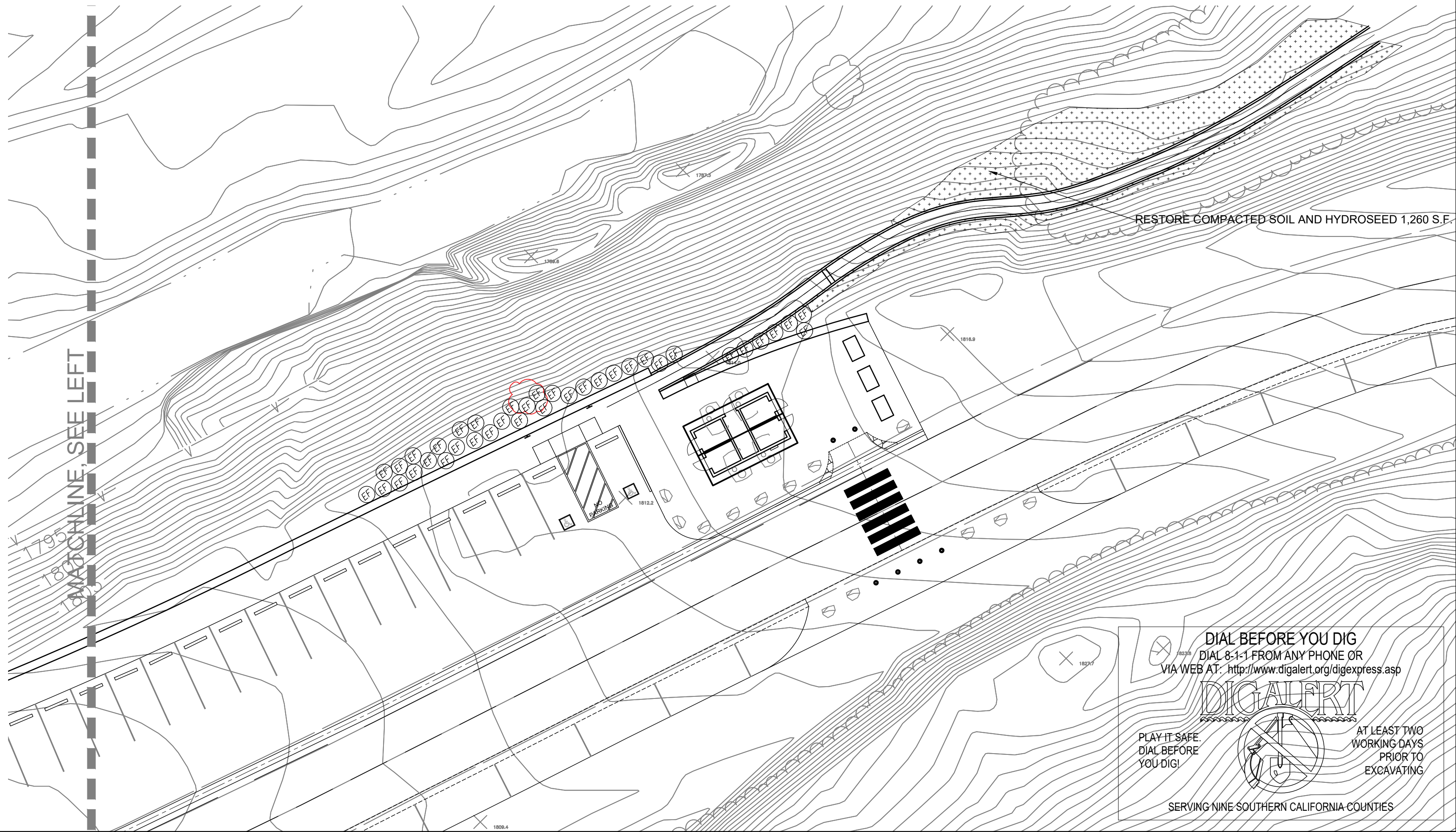
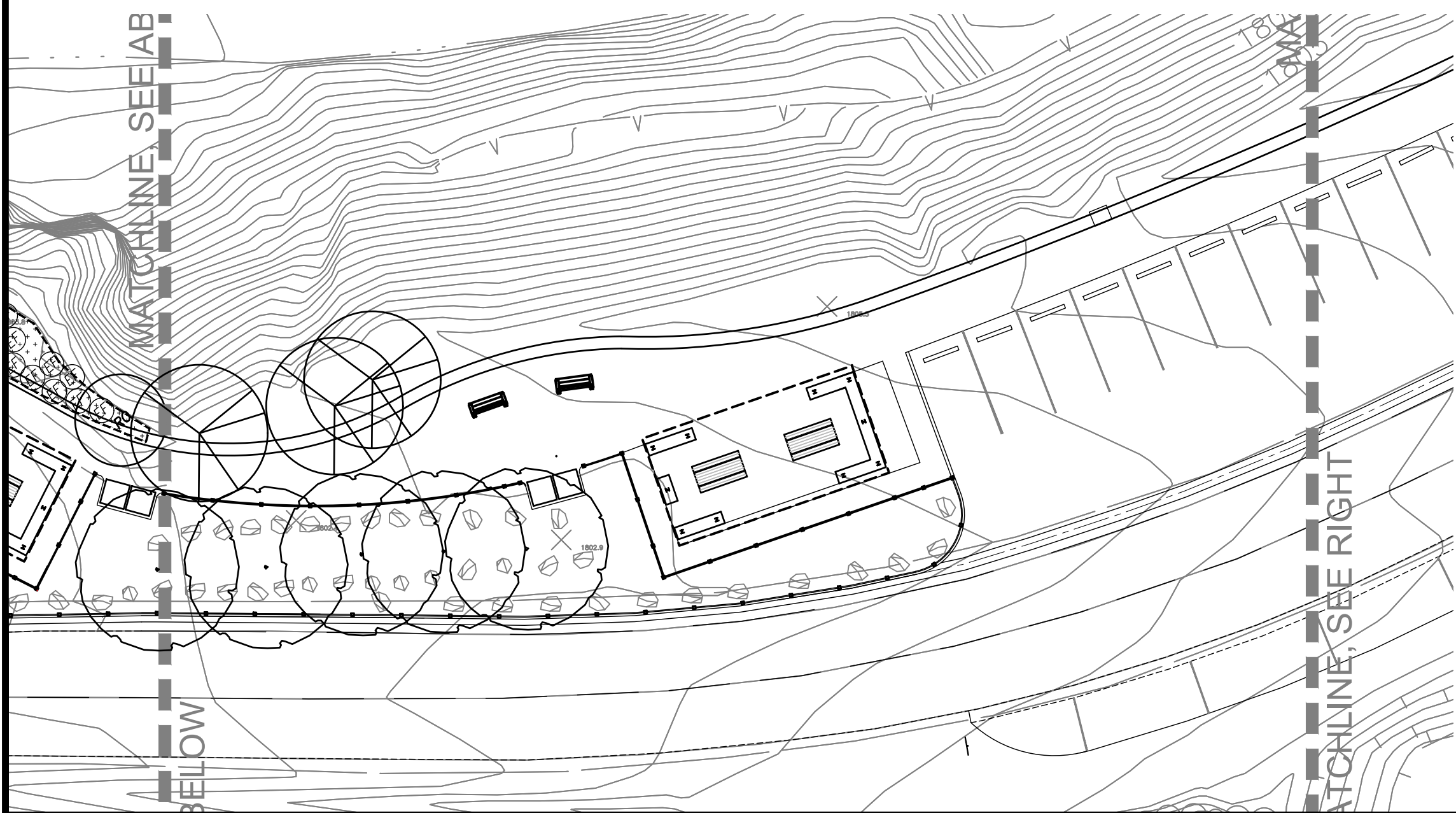
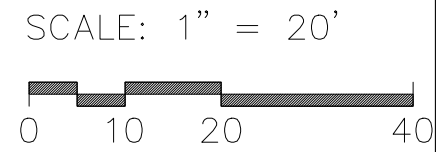
FOR UPLAND HYDROSEED MIX THE FOLLOWING SPECIES WILL BE USED:

A14

UPLAND HYDROSEED MIX (TOTAL .32 ACRE)



BOTANICAL / COMMON NAME	QTY
CALIFORNIA BUCKWHEAT (ERIOGONUM FASCICULATUM)	1.0 PLS LBS/ACRE
BIRCH LEAF MOUNTAIN MAHOGANY (CERCOCARPUS BETULOIDES)	2.0 PLS LBS/ACRE
LAUREL SUMAC (MALOSMA LAURINA)	4.0 PLS LBS/ACRE
CHAMISE (ADENOSTOMA FASCICULATUM)	0.5 PLS LBS/ACRE
BLACK SAGE (SALVIA MELLIFERA)	0.5 PLS LBS/ACRE
YUCCA (HESPEROYUCCA WHIPPLEI)	3.0 PLS LBS/ACRE
BLUE ELDERBERRY (SAMBUCUS NIGRA SSP CAERULEA)	2.0 PLS LBS/ACRE
CHAPARRAL NEEDLEGRASS (ACNATHERUM CORONATUM)	1.0 PLS LBS/ACRE
WHITE SAGE (SALVIA APIANA)	1.0 PLS LBS/ACRE
MIMULUS AURANTIACUS (STICKY MONKEYFLOWER)	0.1 PLS LBS/ACRE
ARTEMISIA DOUGLASIANA (CALIFORNIA MUGWORT)	0.1 PLS LBS/ACRE



WATERSHED CONSERVATION AUTHORITY 100 N OLD SAN GABRIEL CANYON ROAD AZUSA, CA 91702 PHONE: (626) 815-1019	DATE 07/15/2026
Lynne Dwyer Landscape Architect 2616 NORTH FIGUEROA, SUITE A LOS ANGELES, CA 90065 (323) 221-9500	REVISIONS 1 BID ALTERNATES 2 PLAN REVISIONS 3 CXT RESTROOM
PLANTING PLAN	
PROJECT TITLE OAKS STAIRWAY & OVERLOOK EAST FORK, SAN GABRIEL RIVER	
DRAWN BY: SH CHECKED BY: LD PROJECT NO. OS2019 DATE: JULY 15 2026	
L-4.00	

PLANTING & RESTORATION NOTES

A9-14

THE PLAN(S) ARE DIAGRAMMATIC. THE CONTRACTOR SHALL VERIFY EXISTING CONDITIONS AND NOTIFY THE PROJECT MANAGER/LANDSCAPE ARCHITECT OF ANY DISCREPANCIES PRIOR TO THE START OF WORK.

FILL MATERIAL

ALL FILL MATERIAL (SOIL, SAND, GRAVEL, ROCK) USED FOR RESTORATION ACTIVITIES MUST BE FROM AN ANF APPROVED MATERIAL SITE. MATERIAL REMOVED FROM ANOTHER LOCATION IN THE PROJECT AREA CAN BE USED AS FILL AT OTHER SITES ONLY IF IT IS FREE OF TARGET INVASIVE SPECIES. IF SOIL AND DEBRIS COLLECTED FROM A LOCATION CONTAINING TARGET INVASIVE SPECIES IS MOVED AND DEPOSITED FOR STORAGE IT MUST BE AT A USFS DESIGNATED LOCATION. COMMON WIDE SPREAD NON-NATIVE SPECIES WILL NOT BE CONSIDERED AS TARGET INVASIVE SPECIES.

EROSION CONTROL

ALL PLANT MATERIAL (E.G., STRAW, MULCH, SEEDS, ETC) USED FOR EROSION CONTROL AND/OR ROAD MAINTENANCE MUST BE CERTIFI ED WEED-FREE. ONLY WEED-FREE RICE STRAW OR RICE MULCH SHALL BE ALLOWED. ALL EROSION CONTROL MATERIAL MUST BE BIODEGRADABLE. WATTLES WRAPPED IN PHOTODEGRADABLE PLASTIC ARE NOT ACCEPTABLE.

CLOSURE AND RESTORATION OF INFORMAL TRAILS

AREAS WHERE USER CREATED TRAILS ARE CLOSED AND PLANTED, YUCCA WILL BE HEAVILY PLANTED TO DETER UNWANTED FOOT TRAFFI C. ADDITIONALLY, VEGETATION CUT FROM ANOTHER AREA OF THE PROJECT AREA (IE, TRAIL CREATION) WILL BE USED TO AID RESTORATION AND DETER UNWANTED FOOT TRAFFIC.

ENHANCEMENT OF RIPARIAN HABITAT (E.G., NONNATIVE PLANT REMOVAL AND/OR REVEGETATION)

NONNATIVE PLANT REMOVAL CONDUCTED WITHIN THE PROJECT AREA IS TO BE IMPLEMENTED IN ACCORDANCE WITH THE SAN GABRIEL RIVER INVASIVE PLANT TREATMENT PROJECT LETTER (USFWS 2013). FOR RIPARIAN PLANTING THE FOLLOWING SPECIES WILL BE USED: WILLOW (SALIVA LASIANDRA, S. EXIGUA AND S.LASIOLEPIS) AND MULEFAT (BACCHARIS SALICIFOLIA). TREE SPECIES WILL BE AS FOLLOWS: WHITE ALDER (ALNUS RHOMBIFOLIUS), CALIFORNIA SYCAMORE (PLATANUS RACEMOSA) AND COAST LIVE OAK (QUERCUS AGRIFOLIA).

ENHANCEMENT OF UPLAND HABITAT (E.G., NONNATIVE PLANT REMOVAL AND/OR REVEGETATION)

NONNATIVE PLANT REMOVAL CONDUCTED WITHIN THE PROJECT AREA IS TO BE IMPLEMENTED IN ACCORDANCE WITH THE SAN GABRIEL RIVER INVASIVE PLANT TREATMENT PROJECT LETTER (USFWS 2013). FOR UPLAND PLANTING THE FOLLOWING SPECIES WILL BE USED: YUCCA (HESPEROYUCCA WHIPPLEI), CALIFORNIA BUCKWHEAT (ERIOGONUM FASCICULATUM), BIRCH LEAF MOUNTAIN MAHOGANY (CERCOCARPUS BETULOIDES), BLUE ELDERBERRY (SAMBUCUS NIGRA SSP CAERULEA), CHAMISE (ADENOSTOMA FASCICULATUM), CHAPARRAL NEEDLEGRASS (ACNATHERUM CORONATUM), LAUREL SUMAC (MALOSMA LAURINA), WHITE SAGE (SALVIA APIANA) AND BLACK SAGE (SALVIA MELLIFERA). TREE SPECIES ARE AS FOLLOWS: INTERIOR LIVE OAK (QUERCUS WISLIZENII).

DISPOSAL OF INVASIVE PLANTS

IF REMOVAL OF INVASIVE PLANTS IS REQUIRED, THE USFS BOTANIST WILL DETERMINE THE APPROPRIATE DISPOSAL METHOD. THIS MAY INCLUDE PLACEMENT OF PLANTS IN 3MM GARBAGE BAGS AND DISPOSAL OFF FOREST AT A SITE APPROVED TO ACCEPT SUCH MATERIAL.

NURSERY STOCK AND SEED AND CUTTING COLLECTION

IF CONTAINER PLANTS ARE USED AS PART OF THE RESTORATION PROJECT, ALL NURSERIES THAT GROW OUT PLANTS MUST USE BMPS DEVELOPED AND APPROVED BY THE PHYTOPHTHORAS IN NATIVE HABITATS WORKING GROUP. A RANDOM SAMPLING OF THE CONTAINER PLANTS MUST BE TESTED FOR DISEASES INCLUDING PHYTOPHTHORAS. SEED AND CUTTING COLLECTION MUST FOLLOW SEED COLLECTING GUIDELINES FOR THE CATTLE CANYON PROJECT.

PLANTING SCHEDULE

PLANTING AND SEEDING WILL BE COMPLETED BETWEEN SEPTEMBER AND JANUARY TO BENEFIT FROM WINTER RAINS AND BE MATURE ENOUGH TO WITHSTAND SUMMER HEAT.

PLANTINGS IN PARKING AND DEVELOPED AREAS

PLANTINGS IN PARKING AND DEVELOPED AREAS ARE TO FOLLOW THE SAME GUIDELINES AS THOSE GIVEN FOR RIPARIAN AND UPLAND HABITAT. DUE TO LACK OF WATER INFRASTRUCTURE, IT IS IMPORTANT THAT ANY PLANTING DESIGN THAT OCCURS IN PARKING AND DEVELOPED AREAS BE ORGANIZED SUCH THAT, SHOULD THEY NOT SUCCEED, THEY WILL INTEGRATE INTO THE RUGGED, NATURAL AREAS OF THE SURROUNDING LANDSCAPE RATHER THAN APPEAR TO BE FAILED LANDSCAPE PLANTINGS. PLANTERS WITH FORMALLY DESIGNATED HARDSCAPE WALLS, FOR INSTANCE, ARE DISCOURAGED. ONLY THE HARDIEST OF NATIVE PLANTS AND TREES WITH THE BEST CHANCES OF SUCCESS ARE TO BE SELECTED FOR THESE AREAS.

NATIVE TREE ESTABLISHMENT IN AREAS DISTURBED BY RECREATIONAL DEVELOPMENT IS A PRIORITY. TREES ARE TO BE LOCATED IN AREAS PROTECTED FROM VEHICLES AND FOOT TRAFFIC, AND ORGANIZED TO BEST FACILITATE INITIAL WATERING BY TRUCK UNTIL THEY CAN SUCCEED WITHOUT SUPPLEMENTAL WATER.

HYDROSEED NOTES

A9-14

- HYDROSEEDING TO TAKE PLACE AFTER CONTAINER PLANTS ARE INSTALLED.
- HYDROSEED MIX TO CONTAIN:
SEED MIX PER PLANTING PLAN
MYCORRHIZAL INOCULUM - 3,600,000 LIVE PROPAGULES PER ACRE
WOOD FIBER MULCH - 2,200 POUNDS PER ACRE
WATER - AS NEEDED FOR APPLICATION
- MIX SLURRY ACCORDING TO MANUFACTURERS INSTRUCTIONS. SLURRY IS NOT TO REMAIN IN TANK MORE THAN ONE HOUR BEFORE APPLICATION.
- SPRAY DESIGNATED SOIL IN MULTIPLE, UNIFORM LAYERS FOR EVEN COVERAGE.
- WOOD FIBER MULCH IS TO BE GREEN-DYED VIRGIN WOOD CELLULOSE FIBER CONTAINING NO GERMINATION OR GROWTH INHIBITION FACTORS.

IRRIGATION NOTES

THE PLAN(S) ARE DIAGRAMMATIC. THE CONTRACTOR SHALL VERIFY EXISTING CONDITIONS AND NOTIFY THE PROJECT ENGINEER/LANDSCAPE ARCHITECT OF ANY DISCREPANCIES PRIOR TO THE START OF WORK.

IRRIGATION METHOD

IRRIGATION WILL BE PROVIDED USING A WATER TRUCK.

BASED ON HISTORICAL WEATHER DATA AND THE WATER NEEDS OF UPLAND CALIFORNIA NATIVE PLANTS AND EVAPOTRANSPIRATION DATA FROM CIMIS, THE FOLLOWING SAMPLE WATERING SCHEDULE CAN BE ASSUMED.

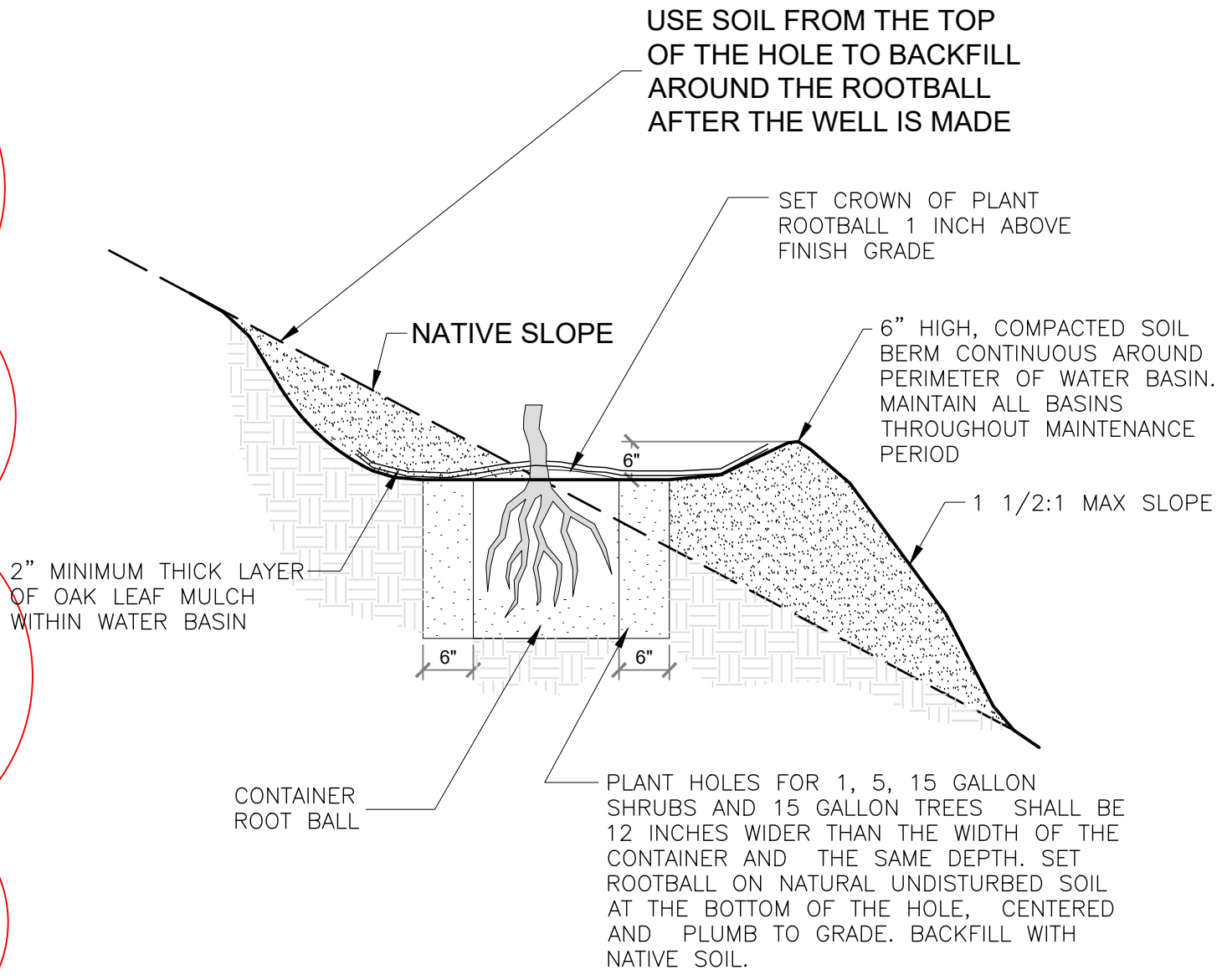
SAMPLE IRRIGATION SCHEDULE FOR OAKS ACCESS BY MONTH FOR FIRST YEAR (NUMBER OF IRRIGATION EVENTS PER MONTH. FIVE GALLONS OF WATER WILL BE SUPPLIED PER PLANT, PER IRRIGATION EVENT.)										
JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEP	OCT	
4	4	2	2	3	4	4	4	3	2	

ACCORDING TO THIS SAMPLE SCHEDULE, THE RESTORED SLOPE INSIDE THE OAKS PROJECT AREA WILL REQUIRE THE FOLLOWING AMOUNTS OF WATER:

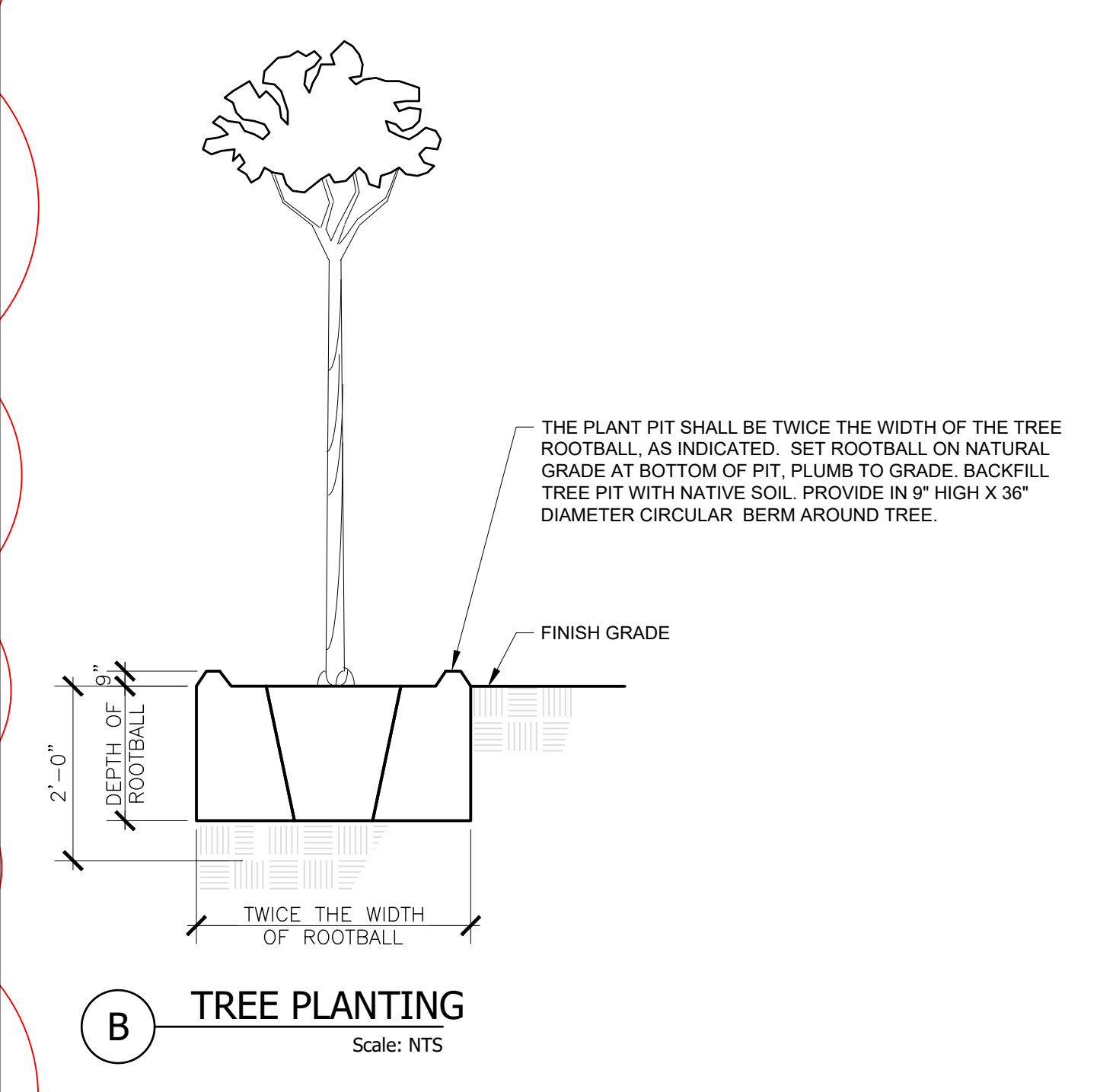
JAN - 5,320 GAL
FEB - 5,320 GAL
MARCH - 2,660 GAL
APRIL - 2,660 GAL
MAY - 3,990 GAL
JUNE - 5,320 GAL
JULY - 5,320 GAL
AUGUST - 5,320 GAL
SEPTEMBER - 3,990 GAL
OCTOBER - 2,660 GAL

CONTAINER PLANTS

ALL CONTAINER PLANTS ARE TO BE HAND WATERED FOR TWO YEARS. IT IS EXPECTED THAT WATER APPLICATION WILL BE HIGHEST IN THE FIRST YEAR, AND APPLICATION RATES CAN BE REDUCED IN THE SECOND YEAR IN ORDER TO WEAN THE PLANTS FROM IRRIGATION. IRRIGATION WILL NORMALLY BEGIN IN MARCH AND CONTINUE THROUGH OCTOBER, DEPENDING ON WEATHER CONDITIONS, WITH MAY THROUGH SEPTEMBER BEING THE MONTHS WHEN THE MOST WATER IS SUPPLIED. HOWEVER, IF SUFFICIENT RAIN DOES NOT OCCUR AT REGUALR INTERVALS DURING THE FIRST TWO MONTHS AFTER CONTAINER PLANTS ARE INSTALLED (WHEN PLANT ROOTS ARE MOST VULNERABLE TO DRYING OUT) THEN IRRIGATION MUST BE PROVIDED. MAINTAIN A HAND DUG DEPRESSION TO KEEP IRRIGATION WATER AT THE ROOT ZONE AND PROVIDE A MORE PROTECTIVE MICROCLIMATE FOR THE PLANTS. BASINS MUST BE MAINTAINED PRIOR TO WATERING.



A SHRUB AND TREE SLOPE PLANTING
Scale: NTS



B TREE PLANTING
Scale: NTS

DIAL BEFORE YOU DIG
DIAL 8-1-1 FROM ANY PHONE OR
VIA WEB AT: <http://www.digalert.org/digexpress.asp>

PLAY IT SAFE.
DIAL BEFORE
YOU DIG!

AT LEAST TWO
WORKING DAYS
PRIOR TO
EXCAVATING

SERVING NINE SOUTHERN CALIFORNIA COUNTIES

DATE	07/15/2026
BID ALTERNATES	
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GUIDELINES TO MINIMIZE PHYTOPHTHORA CONTAMINATION IN RESTORATION PROJECTS

WORKING GROUP FOR PHYTOPHTHORAS IN NATIVE HABITATS OCTOBER 2016

THESE GUIDELINES AIM TO AVOID CONTAMINATION OF RESTORATION SITES WITH EXOTIC PATHOGENIC PHYTOPHTHORA SPECIES OR OTHER PLANT PATHOGENS DURING PLANTING AND RELATED ACTIVITIES.

DEFINITIONS:

HOLDING FACILITY OR NURSERY: A FACILITY WHERE NURSERY STOCK IS MAINTAINED FOR A SHORT TO EXTENDED PERIOD OF TIME PRIOR TO PLANTING. PLANT MAINTENANCE ACTIVITIES MAY INCLUDE IRRIGATION, FERTILIZATION OR LIGHT PRUNING, AS NECESSARY. NURSERIES INVOLVED IN MOST OTHER ACTIVITIES, INCLUDING PROPAGATION OR REPOTTING ARE CONSIDERED PRODUCTION NURSERIES.

JOB SITE: THE JOB SITE INCLUDES AREAS FOR PLANTING, SOIL STOCKPILING, PARKING, AND ACCESS ROADS WITHIN AND LEADING TO THE SITE.

NURSERY STOCK: ALL TYPES OF NURSERY GROWN PLANTS.

PLANTING AREA: AREA BEING PLANTED FOR HABITAT RESTORATION, EROSION CONTROL, OR OTHER PURPOSES.

PLANTING SITE: AN INDIVIDUAL PLANTING BASIN OR OTHER SPOT, TYPICALLY NO LARGER THAN ONE SQUARE YARD, WHERE AN INDIVIDUAL PLANT OR SEVERAL GROUPEED PLANTS WILL BE INSTALLED.

SANITIZE: CLEAN AND TREAT WITH A SANITIZING AGENT OR VIA A LETHAL HEAT EXPOSURE TO KILL PLANT PATHOGENS PRESENT AS EXTERNAL CONTAMINATION.

SANITIZING AGENT: MATERIALS SUCH AS BLEACH (SODIUM HYPOCHLORITE SOLUTIONS), ALCOHOL, QUATERNARY AMMONIUM COMPOUNDS, AND PEROXIDES THAT CAN DIRECTLY KILL EXPOSED PROPAGULES OF PHYTOPHTHORA OR OTHER PLANT PATHOGENS WHEN USED PROPERLY. MOST SANITIZING AGENTS CAN ALSO KILL A WIDE VARIETY OF BACTERIA AND DEACTIVATE MANY VIRUSES. NOTE THAT MOST MATERIALS REFERRED TO AS FUNGICIDES ARE APPLIED TO PLANTS TO SUPPRESS DISEASE BUT MAY NOT KILL THE PATHOGENS AND ARE NOT SANITIZING AGENTS.

CONSTRUCTION PROJECTS

IN AN EFFORT TO MINIMIZE THE SPREAD OF PLANT PATHOGENS THE EXTERIOR AND INTERIOR OF ALL EQUIPMENT AND TOOLS MUST BE CLEAN AND FREE OF DEBRIS, SOIL AND MUD (INCLUDING TIRES, TREADS, WHEEL WELLS AND UNDERCARRIAGE) PRIOR TO ARRIVAL AT A NEW JOB SITE.

GENERAL GUIDANCE – SUGGESTED STANDARD OPERATING PROCEDURES:

- A. VEHICLES NEED TO STAY ON ESTABLISHED ROADS UNLESS INFEASIBLE.
- B. IN GENERAL, VEHICLES AND EQUIPMENT NEED TO BE MAINTAINED CLEAN – INTERIOR AND EXTERIOR FREE OF MUD, DEBRIS AND SOIL ESPECIALLY DURING THE WET SEASON.
- C. IN GENERAL, WORK SHOES NEED TO BE KEPT CLEAN– INSPECT SHOE SOLES AND KNOCK MUD, DEBRIS AND SOIL OFF TREADS BEFORE MOVING TO A NEW JOB SITE.
- D. TO MINIMIZE THE POTENTIAL FOR SPREADING POTENTIALLY CONTAMINATED SOIL AND TIME REQUIRED FOR DECONTAMINATION, IF POSSIBLE, AVOID VEHICLE TRAFFIC AND FIELD WORK WHEN SOILS ARE WET ENOUGH TO STICK READILY TO SHOES, TOOLS, EQUIPMENT AND TIRES.

PLANTING AT FIELD SITES

OVERVIEW: THREE GENERAL ROUTES FOR THE SPREAD OF PHYTOPHTHORA AND OTHER SOILBORNE PLANT PATHOGENS ARE ADDRESSED IN THESE GUIDELINES. THESE ROUTES ARE (1) CONTAMINATION OF PLANTING MATERIAL, INCLUDING CLEAN NURSERY STOCK, AND OTHER MATERIALS INSTALLED AT THE SITE, (2) INADVERTENT INTRODUCTION OF PATHOGENS TO A JOB SITE FROM OTHER OUTSIDE SOURCES (E.G., VIA CONTAMINATED EQUIPMENT), AND (3) POTENTIAL MOVEMENT OF UNDETECTED CONTAMINATION WITHIN THE PLANTING AREA.

THESE GUIDELINES ASSUME THAT ALL NURSERY STOCK WAS ORIGINALLY GROWN UNDER PHYTOSANITARY CONDITIONS AND TESTED AS REMAINING FREE FROM DISEASE IN THE NURSERY (REFER TO NURSERY GUIDELINES). THESE GUIDELINES ADDRESS HOW TO PROTECT THE PLANTING AREA FROM SUBSEQUENT CONTAMINATION DURING THE DELIVERY, STORAGE ONSITE, AND INSTALLATION OF PLANTING STOCK AND MATERIALS.

1. PREVENT CONTAMINATION OF CLEAN NURSERY STOCK OR OTHER CLEAN PLANT MATERIALS
PLANTING STOCK SHALL BE PROTECTED FROM POTENTIAL CONTAMINATION FROM THE POINT THAT IT LEAVES THE PRODUCTION NURSERY OR COLLECTION SITE UNTIL PLANTING. NOTE THAT NURSERY STOCK HAS A HIGH RISK OF INFECTION BY PHYTOPHTHORA SPECIES IF EXPOSED TO THESE PATHOGENS. EXCLUDING THESE PATHOGENS PROVIDES THE ONLY VIABLE OPTION FOR MAINTAINING OUTPLANTED NURSERY STOCK FREE OF PHYTOPHTHORA.

1.1. MAINTAINING NURSERY STOCK IN A HOLDING FACILITY

WHEN HOLDING STOCK FOR AN EXTENDED PERIOD (AFTER DELIVERY FROM PRODUCTION NURSERY AND BEFORE PLANTING), THE FOLLOWING PRACTICES NEED TO BE FOLLOWED TO PREVENT CONTAMINATION OF THE NURSERY STOCK WITH PHYTOPHTHORA.

1.1.1. DELIVERED NURSERY PLANTS THAT WILL BE HELD BEFORE PLANTING SHALL BE TRANSFERRED TO CLEANED AND SANITIZED RAISED BENCHES AND MAINTAINED AS DESCRIBED IN "GUIDELINES TO MINIMIZE PHYTOPHTHORA PATHOGENS FOR HOLDING (NON–PRODUCTION) NURSERIES AT RESTORATION SITES, SECTION 3."

1.2. HANDLING AND TRANSPORTING NURSERY PLANTS AT THE JOB SITE

1.2.1. NURSERY PLANTS SHALL BE TRANSPORTED ON OR IN VEHICLES OR EQUIPMENT THAT HAVE BEEN CLEANED BEFORE LOADING THE STOCK. TRUCK BEDS, RACKS, OR OTHER SURFACES NEED TO BE SWEEPED, BLOWN WITH COMPRESSED AIR AND/OR POWER WASHED AS NEEDED SO THEY ARE VISIBLY FREE OF SOIL AND PLANT DETRITUS. MORE INFORMATION ON SANITIZING SURFACES ARE DESCRIBED IN THE APPENDIX.

1.2.2. KEEP PLANTS IN SANITIZED VEHICLES OR ON SANITIZED CARTS, TRAILERS, ETC. UNTIL DELIVERED TO THEIR PLANTING SITES. (MORE INFORMATION MAY BE FOUND IN SECTIONS 1.3.3. AND 1.3.4.)

1.2.3 AT THE JOB SITE, PLANTS SHALL BE HANDLED TO PREVENT CONTAMINATION UNTIL DELIVERED TO EACH PLANTING SITE. NURSERY STOCK SHALL NOT BE PLACED ON THE SOIL OR OTHER POTENTIALLY CONTAMINATED SURFACES UNTIL THEY ARE PLACED AT THEIR SPECIFIC PLANTING SITES.

1.2.4 IF IT IS NECESSARY TO OFFLOAD PLANTS AT THE JOB SITE, PLANTS MAY BE PLACED ON CLEAN WATERPROOF PLASTIC TARPES OR OTHER CLEAN, SANITIZED SURFACES. IF TARPS ARE USED FOR HOLDING PLANTS, ONE SURFACE NEEDS TO BE DEDICATED FOR CONTACT WITH NURSERY STOCK AND WILL BE CLEANED AND SANITIZED TO MAINTAIN PHYTOSANITARY CONDITIONS.

1.3. OTHER PLANTING SITE INPUTS

1.3.1 WASHING, SOAKING, OR IRRIGATION OF PLANT MATERIAL SHALL BE CONDUCTED USING CLEAN WATER SOURCES AS SPECIFIED IN THE APPENDIX BELOW. UNTREATED SURFACE WATERS SHOULD NOT BE USED FOR THESE PURPOSES.

1.3.2. ON–SITE OR OFF–SITE COLLECTION OF PLANT MATERIALS, INCLUDING SEED AND CUTTINGS FOR DIRECT PLANTING, SHALL BE CONDUCTED IN A PHYTOSANITARY MANNER (SEE GUIDELINES FOR COLLECTION PRACTICES AT WWW.CALPHYTOS.ORG).

1.3.3. PRIOR TO DELIVERY TO THE PLANTING AREAS, MULCH, COMPOST, SOIL AMENDMENTS, INOCULANTS, AND OTHER ORGANIC PRODUCTS NEED TO BE EXAMINED AND DETERMINED TO BE LOW–RISK FOR PATHOGEN INTRODUCTION. ACCEPTABLE MATERIALS ARE THOSE THAT ARE FREE OF CONTAMINATION BY PLANT PATHOGENS BASED ON THEIR COMPOSITION OR MANUFACTURING CONDITIONS, OR THAT HAVE BEEN EXPOSED TO AN EFFECTIVE HEAT TREATMENT TO ELIMINATE PATHOGENS. SUCH MATERIALS MUST BE HANDLED AND STORED IN A MANNER THAT PREVENTS CONTAMINATION. AT THE JOB SITE, DELIVERED MATERIALS SHALL BE HANDLED TO PREVENT CONTAMINATION UNTIL DELIVERED TO EACH PLANTING SITE IN THE SAME MANNER SPECIFIED FOR NURSERY STOCK IN SECTION 1.2 ABOVE.

1.3.4. ALL OTHER MATERIALS TO BE INSTALLED AT THE SITE SHALL BE OF NEW OR SANITIZED MATERIAL THAT HAS NOT BEEN STORED IN CONTACT WITH SOIL, UNTREATED SURFACE WATERS, OR OTHER POTENTIALLY CONTAMINATED MATERIALS. THIS INCLUDES IRRIGATION SUPPLIES (SUCH AS PIPE, FITTINGS, VALVES, DRIP LINE, EMITTERS, ETC.), EROSION CONTROL FABRICS, FENCING, STAKES, POSTS, AND OTHER PLANTING SITE INPUTS.

2. CLEANING AND SANITATION REQUIRED BEFORE ENTERING PLANTING AREA TO PREVENT INTRODUCING CONTAMINATION FROM OTHER LOCATIONS

PHYTOPHTHORA CONTAMINATION CAN BE PRESENT IN AGRICULTURAL AND LANDSCAPED AREAS, IN COMMERCIAL NURSERY STOCK, AND IN SOME INFESTED NATIVE OR RESTORED HABITAT AREAS. CONTAMINATION CAN BE SPREAD VIA SOIL, PLANT MATERIAL AND DEBRIS, AND WATER FROM INFESTED AREAS. ARRIVING AT THE SITE WITH CLEAN VEHICLES, EQUIPMENT, TOOLS, FOOTWEAR, AND CLOTHING HELPS PREVENT UNINTENTIONAL CONTAMINATION OF THE PLANTING SITE FROM OUTSIDE SOURCES.

2.1. VEHICLES, EQUIPMENT, AND TOOLS

2.1.1. EQUIPMENT, VEHICLES AND LARGE TOOLS MUST BE FREE OF SOIL AND DEBRIS ON TIRES, WHEEL WELLS, VEHICLE UNDERCARRIAGES, AND OTHER SURFACES BEFORE ARRIVING AT THE PLANTING AREA. A HIGH PRESSURE WASHER AND/OR COMPRESSED AIR MAY BE USED TO ENSURE THAT SOIL AND DEBRIS ARE COMPLETELY REMOVED. VEHICLES THAT ONLY TRAVEL AND PARK ON PAVED ROADS DO NOT REQUIRE EXTERNAL CLEANING.

2.1.2. THE INTERIOR OF EQUIPMENT (CABS, ETC.) SHOULD BE FREE OF MUD, SOIL, GRAVEL AND OTHER POTENTIALLY CONTAMINATED MATERIAL. INTERIORS SHOULD BE VACUUMED, WASHED, AND/OR TREATED WITH SANITIZING AGENTS AS NEEDED TO ELIMINATE PATHOGEN PROPAGULES THAT COULD BE TRANSFERRED TO THE PLANTING AREA.

2.1.3. SMALL TOOLS AND OTHER SMALL EQUIPMENT (INCLUDING HOSES, QUICK COUPLERS, HOSE NOZZLES, AND IRRIGATION WANDS) NEED TO BE WASHED TO BE FREE OF SOIL OR OTHER CONTAMINATION AND SANITIZED (SEE APPENDIX).

2.1.4. HOSES SHALL BE NEW OR PREVIOUSLY USED ONLY FOR CLEAN WATER SOURCES (SEE APPENDIX).

2.2. FOOTWEAR AND CLOTHING

2.2.1. SOLES AND UPPERS OF FOOTWEAR NEED TO BE VISIBLY FREE OF DEBRIS AND SOIL BEFORE ARRIVING AT THE PLANTING AREA. (SEE THE APPENDIX FOR MORE DETAILS.)

2.2.2. AT THE START OF WORK AT EACH NEW JOB SITE, WORKER CLOTHING SHALL BE FREE OF ALL MUD, SOIL OR DETRITUS. IF CLOTHING IS NOT FRESHLY LAUNDERED, ALL DEBRIS AND ADHERED SOIL SHOULD BE REMOVED BY BRUSHING WITH A STIFF BRUSH.

2.2.3. GLOVES AND NON–POROUS KNEE PADS MUST BE NEW (IF DISPOSABLE) OR LAUNDERED/SANITIZED AT THE START OF EACH WORK DAY, AND/OR CLEAN COVERALLS MUST BE WORN. NON–DISPOSABLE GLOVES SHOULD BE MADE OF OR COATED WITH MATERIAL, SUCH AS NITRILE, THAT CAN BE SANITIZED.

3. PREVENT POTENTIAL SPREAD OF CONTAMINATION WITHIN PLANTING AREAS
PHYTOPHTHORA CAN ALSO BE SPREAD WITHIN PLANTINGS AREAS IF SOME PORTIONS OF THE SITE ARE CONTAMINATED. HOWEVER, IT IS NOT POSSIBLE TO IDENTIFY EVERY PORTION OF A PLANTING AREA THAT MAY CONTAIN PHYTOPHTHORA. BECAUSE PHYTOPHTHORA CONTAMINATION IS NOT VISIBLE, WORKING PRACTICES SHOULD MINIMIZE THE MOVEMENT OF SOIL WITHIN THE PLANTING AREA TO REDUCE THE LIKELIHOOD OF PATHOGEN SPREAD.

NOTE THAT AREAS WITH HIGHER RISK OF PHYTOPHTHORA INFESTATION INCLUDE AREAS ADJACENT TO PLANTED LANDSCAPING, AREAS PREVIOUSLY PLANTED WITH PHYTOPHTHORA–INFECTED STOCK, AREAS WITH EXISTING OR RECENTLY REMOVED WOODY VEGETATION, DISTURBED WETLANDS, AND AREAS DIRECTLY ALONG WATERCOURSES. AREAS WITH LOW RISK OF CONTAMINATION TYPICALLY INCLUDE UPLAND SITES WITH ONLY GRASSY VEGETATION OR SITES WHERE SURFACE SOILS HAVE BEEN REMOVED.

3.1. WORKER TRAINING AND SITE ACCESS

3.1.1. BEFORE ENTERING THE JOB SITE, FIELD WORKERS NEED TO RECEIVE TRAINING THAT INCLUDES INFORMATION ON PHYTOPHTHORA PATHOGENS AND HOW TO PREVENT THE SPREAD OF THESE AND OTHER SOILBORNE ORGANISMS BY FOLLOWING APPROVED PHYTOSANITARY PROCEDURES. WORKERS SHOULD ALSO BE INFORMED ABOUT ANY SITE–SPECIFIC PHYTOSANITARY PRACTICES BEFORE WORK COMMENCES.

3.1.2. DO NOT BRING MORE VEHICLES INTO THE PLANTING AREA THAN NECESSARY AND KEEP VEHICLES ON SURFACED OR GRAVELED ROADS WHENEVER POSSIBLE TO MINIMIZE POTENTIAL FOR SOIL MOVEMENT.

3.1.3. TRAVEL OFF ROADS OR ON UNSURFACED ROADS SHOULD BE AVOIDED WHEN SOIL AND ROAD SURFACES ARE WET ENOUGH THAT SOIL WILL STICK TO VEHICLE TIRES AND UNDERCARRIAGES.

3.1.4. TO ALLOW FOR ADEQUATE DECONTAMINATION OF EQUIPMENT, TOOLS, GLOVES, AND SHOES, AVOID PLANTING UNDER OVERLY WET CONDITIONS OR WHEN SOIL IS SATURATED.

3.2. MINIMIZE UNNECESSARY MOVEMENT OF SOIL AND PLANT MATERIAL WITHIN THE PLANTING AREA, ESPECIALLY FROM HIGHER TO LOWER RISK AREAS

3.2.1 BRUSH OFF SOIL FROM TOOLS AND GLOVES WHEN MOVING BETWEEN SUCCESSIVE PLANTING SITES TO PREVENT REPEATED COLLECTION AND DEPOSITION OF SOIL ACROSS MULTIPLE SITES.

3.2.2. AVOID CONTAMINATING CLOTHING WITH SOIL DURING PLANTING OPERATIONS. BRUSH OFF SOIL ACCUMULATIONS BEFORE MOVING FROM ONE PLANTING SITE TO THE NEXT. USE NONPOROUS KNEE PADS THAT ARE CLEANED BETWEEN PLANTING SITES IF KNEELING IS NECESSARY.

3.2.3 WHEN POSSIBLE, PLANT NURSERY STOCK FROM A GIVEN BLOCK IN THE SAME LOCAL AREA RATHER THAN

SPREADING IT WIDELY. IF A PROBLEM IS ASSOCIATED WITH A GIVEN BLOCK OF PLANTS, IT WILL BE EASIER TO DETECT AND DEAL WITH IT IF THE PLANTS ARE SPATIALLY GROUPEED.

3.2.4. PHASE WORK TO MINIMIZE MOVEMENT BETWEEN AREAS WITH HIGH AND LOW RISK OF CONTAMINATION. WHERE POSSIBLE, COMPLETE WORK IN LOW RISK AREAS BEFORE MOVING TO HIGHER RISK AREAS. ALTERNATIVELY, ASSIGN PERSONNEL TO WORKING IN EITHER HIGH OR LOW RISK AREAS EXCLUSIVELY TO REDUCE THE NEED FOR DECONTAMINATION.

3.2.5. CLEAN SOIL AND PLANT DEBRIS FROM LARGE EQUIPMENT AND SANITIZE HAND TOOLS, BUCKETS, GLOVES, AND FOOTWEAR WHEN MOVING FROM HIGHER RISK TO LOWER RISK AREAS OR WHEN MOVING BETWEEN WIDELY SEPARATED PORTIONS OF THE PLANTING AREA.

3.2.6. ALL NON–PLANT MATERIALS TO BE INSTALLED AT THE SITE (IRRIGATION EQUIPMENT, EROSION CONTROL FABRIC, FENCING, ETC.) SHALL BE HANDLED TO PREVENT MOVEMENT OF SOIL WITHIN THE SITE, ESPECIALLY MOVEMENT FROM HIGHER RISK TO LOWER RISK AREAS. MATERIALS SHOULD BE KEPT FREE OF SOIL CONTAMINATION BY MAINTAINING THEM IN CLEAN VEHICLES OR CARTS, TRAILERS, ETC., OR STOCKPILING IN ELEVATED DRY AREAS ON CLEAN TARPS UNTIL USED.

4. CLEAN WATER SPECIFICATIONS

OBJECTIVE: USE ONLY UNCONTAMINATED, APPROPRIATELY–TREATED WATER FOR IRRIGATION.

4.1.1. WATER USED FOR IRRIGATING PLANTS NEEDS TO BE UNCONTAMINATED. SEE APPENDIX FOR SPECIFICATIONS.

PROCEDURES FOR SANITIZING TOOLS, SURFACES, AND FOOTWEAR
SURFACES AND TOOLS SHOULD BE CLEAN AND SANITIZED BEFORE USE. TOOLS AND WORKING SURFACES (E.G., PLANT CARTS) SHOULD BE SMOOTH AND NONPOROUS TO FACILITATE CLEANING AND SANITATION. WOOD HANDLES ON TOOLS SHOULD BE SEALED WITH A WATERPROOF COATING TO MAKE THEM EASIER TO SANITIZE.

BEFORE SANITIZING ITEMS, REMOVE ALL SOIL AND ORGANIC MATERIAL (ROOTS, SAP, ETC.) FROM THEIR SURFACES. IF NECESSARY, USE A DETERGENT SOLUTION AND BRUSH TO SCRUB OFF SURFACE CONTAMINANTS. THE SANITIZING AGENT MAY ALSO BE USED AS A CLEANING SOLUTION. SCREWDRIVERS OR SIMILAR IMPLEMENTS MAY BE NEEDED TO CLEAN SOIL OUT OF CREVICES OR SHOE TREADS. BRUSHES AND OTHER IMPLEMENTS USED TO HELP REMOVE SOIL MUST BE VISIBLY CLEAN AND SANITIZED AFTER USE.

AFTER SURFACE SOIL AND CONTAMINATION ARE REMOVED, TREAT THE SURFACE WITH ONE OF THE FOLLOWING SANITIZING AGENTS, ALLOWING THE APPROPRIATE CONTACT TIME BEFORE RINSING. IF SURFACES ARE CLEAN AND DRY, WET SURFACES THOROUGHLY AND ALLOW FOR THE APPROPRIATE CONTACT TIME LISTED. IF THE SANITIZER HAS BEEN USED TO HELP CLEAN THE SURFACE, USE FRESH SANITIZER TO RINSE OFF ANY DIRTY SOLUTION AND THEN ALLOW THE REQUIRED CONTACT TIME. IF TREATED SURFACES ARE WETTED WITH WATER, THE SANITIZING SOLUTION WILL BECOME DILUTED. APPLY ENOUGH SANITIZER TO COMPLETELY DISPLACE THE WATER FILM AND THEN ALLOW THE REQUIRED CONTACT TIME. SANITIZING AGENTS MAY BE APPLIED WITH SPRAY BOTTLES TO THOROUGHLY WET THE SURFACE. OBSERVE ALL APPROPRIATE SAFETY PRECAUTIONS TO PREVENT CONTACT WITH EYES OR SKIN WHEN USING THESE SOLUTIONS.

– 70–90% ETHYL OR ISOPROPYL ALCOHOL – SPRAY TO THOROUGHLY WET THE SURFACE AND ALLOW TO AIR DRY BEFORE USE
– FRESHLY DILUTED BLEACH SOLUTION (0.525% SODIUM HYPOCHLORITE, TABLE 1) FOR A MINIMUM OF 1 MINUTE (DUE TO CORROSIVITY, NOT ADVISED FOR STEEL OR OTHER MATERIALS DAMAGED BY BLEACH)

– QUATERNARY AMMONIUM DISINFECTANT – USE ACCORDING TO MANUFACTURER RECOMMENDATIONS, MAKING SURE THAT THE LABEL INDICATES THAT THE PRODUCT IS SUITABLE FOR YOUR USE SITUATION AND HAS ACTIVITY AGAINST PHYTOPHTHORA WHEN USED AS DIRECTED. SOLUTION SHOULD BE FRESHLY MADE OR TESTED TO ENSURE TARGET CONCENTRATION.

Table 1. Dilutions of commonly available bleach products needed to obtain approximately 0.525% sodium hypochlorite concentrations (5000 ppm available chlorine).

Percent sodium hypochlorite in bleach	Parts bleach	Parts water	Diluted bleach percent sodium hypochlorite
5.25%	1	9	0.525%
6.0%	1	10.4	0.526%
8.25%	1	14.6	0.529%
8.3%	1	14.8	0.525%

For example, adding 100 ml of 5.25% bleach to 900 ml of water will make 1000 ml of 0.525% NaOCl solution. If using 8.3% bleach, add 100 ml of bleach to 1480 ml of water to make 1580 ml of 0.525% NaOCl.

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OAKS STAIRWAY & OVERLOOK		ENVIRONMENTAL PROTECTION GUIDELINES				
EAST FORK, SAN GABRIEL RIVER						
				REVISIONS		DATE
DRAWN BY: SH				1. BID ALTERNATES		07/15/2026
CHECKED BY: LD				2. PLAN REVISIONS		07/15/2026
PROJECT NO. OS2019				3. CXT RESTROOM		07/15/2026
DATE: JULY 15 2026						
L-5.01						

STREET IMPROVEMENTS

GENERAL NOTES:

1. A PERMIT SHALL BE OBTAINED AND FEES PAID FOR CONSTRUCTION INSPECTION TO THE DEPARTMENT OF PUBLIC WORKS AT THE PERMIT COUNTER, 900 SOUTH FREMONT AVENUE, 3RD FLOOR, ALHAMBRA AT LEAST 72 HOURS PRIOR TO STARTING WORK UNDER THIS CONTRACT.
2. WHEN WORK IS WITHIN A CONTRACT CITY, THE CONTRACTOR MUST CONTACT THE DIRECTOR OF PUBLIC WORKS OF THAT CITY TO DETERMINE THE LOCATION TO PAY THE INSPECTION FEES.
3. THE CONTRACTOR SHALL CONTACT THE DISTRICT OFFICE LISTED ON THE PERMIT APPLICATION TO ARRANGE FOR AN ACCEPTABLE CONSTRUCTION START DATE.
4. A PERMIT MUST BE OBTAINED FROM THE LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS, CONSTRUCTION DIVISION AT (626) 458-3129 FOR ALL STORM DRAIN CONNECTIONS.
5. FOR ALL WORK WITHIN CALTRANS R/W OR INCORPORATED CITIES, SUBJECT TO INSPECTION AND APPROVAL OF CALTRANS OR CITIES, OBTAIN A PERMIT FROM CALTRANS OR OTHER CITIES 30 DAYS PRIOR TO CONSTRUCTION WITHIN THEIR RIGHT-OF-WAY.
6. ALL WORK SHALL CONFORM TO THE "SPPWC" (STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION, ALSO COMMONLY REFERRED TO AS "APWA") AND THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, SUPPLEMENTED WITH THE LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS STANDARD PLANS 2000 EDITION. THE LATEST EDITIONS OF THESE MANUALS SHALL BE USED UNLESS OTHERWISE NOTED ON THE PLANS.
7. WORK IN PUBLIC STREETS, ONCE BEGUN, SHALL BE PROSECUTED TO COMPLETION WITHOUT DELAY SO AS TO PROVIDE MINIMUM INCONVENIENCE TO ADJACENT PROPERTY OWNERS AND TO THE TRAVELING PUBLIC. FAILURE TO COMPLY WITH THIS REQUIREMENT IS A VIOLATION OF TITLE 16 OF THE COUNTY CODE, HIGHWAY PERMIT CODE.
8. THE CONTRACTOR SHALL TAKE ALL NECESSARY AND PROPER PRECAUTIONS TO PROTECT ADJACENT PROPERTIES FROM ALL DAMAGE THAT MAY OCCUR FROM STORM WATER RUNOFF AND/OR DEPOSITION OF DEBRIS RESULTING FROM ANY AND ALL WORK IN CONNECTION WITH SUBDIVISION CONSTRUCTION.
9. THERE SHALL BE NO ABOVE GROUND OBSTRUCTION IN ANY PORTION OF THE SIDEWALK EXCEPT WHERE THE WIDTH, EXCLUSIVE OF TOP OF CURB, IS 6 FEET OR GREATER.
10. MAIL RECEPTACLES WILL BE NEIGHBORHOOD BOX UNITS INSTALLED PER POST OFFICE REGULATIONS AS SHOWN HEREON. MAILBOX RECEPTACLES SHALL NOT BE LOCATED WITHIN THE RADIUS OF CUL-DE-SAC BULBS AND KNUCKLES. WHERE MAIL RECEPTACLES AND SIDEWALKS ARE LOCATED BEHIND THE CURB, PROVIDE SIDEWALK TRANSITIONS AT ALL MAILBOX LOCATIONS PER DETAILS SHOWN HEREON.
11. AT THE EARLIEST OPPORTUNITY OR PRIOR TO FORMING SIDEWALKS, THE CONTRACTOR SHALL CONTACT THE LOCAL POSTAL OFFICE FOR LOCATION APPROVAL AND TYPE OF MAILBOX RECEPTACLES TO BE INSTALLED.
12. CONSTRUCT WALK RETURNS AND TRANSITIONS PER DPW STANDARD PLAN 1130-1.
13. WHERE SIDEWALKS ARE ADJACENT TO CURB, CONSTRUCT RESIDENTIAL DRIVEWAYS PER SPPWC STANDARD PLAN 110-2 UNLESS OTHERWISE SHOWN. PRIOR TO FORMING CURB AND GUTTER, THE CONTRACTOR SHALL CONFER WITH THE COUNTY INSPECTOR TO SECURE APPROVAL FOR ALL DRIVEWAY LOCATIONS AND WIDTHS. WHERE SIDEWALKS ARE ADJACENT TO CURB, PROVIDE SIDEWALK TRANSITIONS AT ALL DRIVEWAY LOCATIONS PER DETAIL SHOWN HEREON.

14. CONSTRUCT STREET NAME SIGNS PER LOCATIONS AS SHOWN ON PLAN IN ACCORDANCE WITH CURRENT COUNTY SPECIFICATIONS AND STANDARD PLANS FOR STREET NAME SIGNS. INSTALLATIONS SHALL CONFORM TO "TYPE B" FOR STREETS CLASSIFIED AS RESIDENTIAL AND "TYPE A" FOR STREETS CLASSIFIED AS ANY OTHER CLASSIFICATION ABOVE RESIDENTIAL. ALL STREET NAME SIGNS AT AN INTERSECTION SHALL BE OF THE SAME TYPE AND SHALL HAVE ASTM TYPE IX RETRO-REFLECTIVE SHEETING WITH AN ANTI-GRAFFITI OVERLAY FILM. CONTACT THE LA CO DPW SIGN SHOP AT (626) 458-1700 FOR SPECIFICATIONS AND STANDARD PLANS. STREET NAME SIGNS SHALL BE POSTED PRIOR TO OCCUPANCY OF BUILDINGS.
15. PROVIDE A STREET LIGHTING SYSTEM APPROVED BY THE STREET LIGHTING SECTION, TRAFFIC AND LIGHTING DIVISION, AND PROVIDE FOR THE TEMPORARY OPERATIONS OF THE STREET LIGHTING SYSTEM.
16. THICKNESS OF BASE MATERIALS WILL BE DETERMINED BY THE DEPARTMENT OF PUBLIC WORKS CBR SOIL TEST AND ESTABLISHED BY THE MATERIALS LABORATORY. SUBDIVIDER'S ENGINEER SHALL REQUEST TEST BY THE DEPARTMENT OF PUBLIC WORKS, MATERIALS LABORATORY AT (626) 458-4928, AFTER STREETS HAVE BEEN ROUGH GRADED. PLANS UNDER BE REVISED TO SHOW ACTUAL BASE TO BE PLACED.
17. CRUSHED MISCELLANEOUS BASE MAY BE USED UNDER CURB AND GUTTER IN LIEU OF CRUSHED AGGREGATE BASE.
18. CRUSHED MISCELLANEOUS BASE OR SELECT MATERIAL WITH EXPANSION OF 3% OR LESS BY THE DEPARTMENT OF PUBLIC WORKS CBR SOIL TEST MAY BE USED IN LIEU OF CRUSHED AGGREGATE BASE UNDER WALKS.
19. DRIVEWAYS SHALL NOT ENCROACH IN THE FOUR (4) FEET GUTTER PORTION OF LOCAL DEPRESSIONS.
20. PLANT STREET TREES PER LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS "SPECIAL PROVISIONS FOR TREE PLANTING-SUBDIVISION" SPPWC STANDARD PLAN 518-3 THROUGH 524-2 AS REQUIRED, AND PRIOR TO OCCUPANCY OF BUILDINGS. SEE STREET TREE LIST HEREON.
21. ALL UTILITY LINES SHALL BE UNDERGROUND PER SECTION 21.24.400 OF TITLE 21 OF THE LOS ANGELES COUNTY CODE. CONTACT CONSTRUCTION DIVISION AT (626) 458-3141 FOR NEW LOCATION OF ANY ABOVE GROUND UTILITY STRUCTURE IN PARKWAY.
22. WHERE GRADES EXCEED 6%, PLACE PARKWAY PROTECTORS ON DOWNSTREAM SIDE OF ALL DRIVEWAYS PER LADPW STANDARD PLAN 1150-1 AND AT ALL LOT LINES, UNLESS DRIVEWAYS ARE CONSTRUCTED WITHIN 50 FEET OF LOT LINES. SEE DETAILS HEREON.
23. NO DRIVEWAYS SHOULD BE LOCATED WITHIN 25 FEET UPSTREAM OF A CATCH BASIN WHEN STREET GRADES IS 6% OR GREATER.
24. RIP RAP NOTES:

A. ROCKS FOR GROUTED RIP RAP SHALL BE GOOD QUALITY, BROKEN CONCRETE AND/OR RIVER RUN ROCK THE SMALLEST DIMENSION SHALL NOT BE LESS THAN SIX (6) INCHES NOR GREATER THAN 18 INCHES UNLESS OTHERWISE SPECIFIED. THE LARGEST DIMENSION SHALL NOT EXCEED FOUR (4) TIMES THE SMALLEST DIMENSION.

B. THERE SHALL BE A GROUT BED AT LEAST TWO (2) INCHES BENEATH THE FIRST LAYER OF ROCK. ALL THE VOIDS BETWEEN THE ROCKS SHALL BE FILLED WITH GROUT. MAXIMUM SPACING BETWEEN ROCKS SHALL BE TWO (2) INCHES.

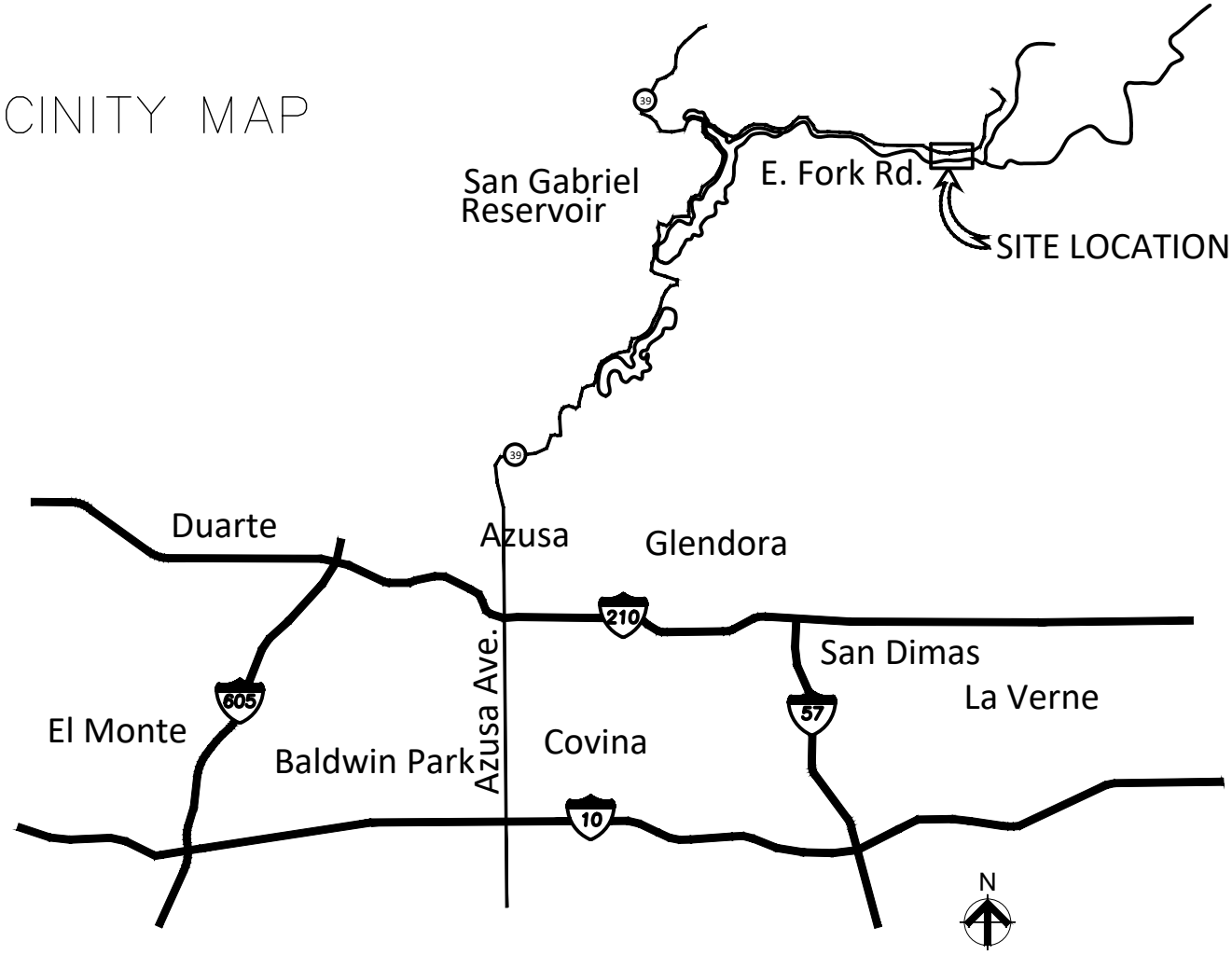
C. SURFACE ROCKS SHALL BE EMBEDDED FROM 1/2 TO 2/3 OF THEIR MAXIMUM DIMENSION.

25. PIPE BEDDING SHALL BE: IN ACCORDANCE WITH LOS ANGELES COUNTY ENGINEER CASE A BEDDING PER DPW STANDARD PLAN 3092-1 UNLESS OTHERWISE NOTED. THE BEDDING MATERIAL PLACED FROM THE BOTTOM OF THE PIPE TO 1 FOOT OVER THE TOP OF THE PIPE SHALL BE SAND, CRUSHED AGGREGATE, OR NATIVE FREE DRAINING GRANULAR MATERIAL AND SHALL HAVE A SAND EQUIVALENT OF 20 OR GREATER OR ACCORDING TO DPW STANDARD PLAN 3080-1, CASE 3, EXCEPT BELL AND SPIGOT PIPE WHICH SHALL BE CASE 2 BEDDING, UNLESS OTHERWISE SHOWN. "W" VALUES SHALL BE AS SPECIFIED ON DPW STANDARD PLAN 3080-1 FOR CASE 3 BEDDING, NOTES (A), (B), AND (C). IF THE "W" VALUE AT THE TIP OF THE PIPE IS EXCEEDED, THE BEDDING SHALL BE MODIFIED, AND/OR PIPE OF ADDITIONAL STRENGTH SHALL BE PROVIDED. THE PROPOSED MODIFICATION SHALL BE APPROVED BY THE DEPARTMENT.
26. ALL CONSTRUCTION JOINTS FOR P.C.C. CURBS, GUTTERS, DRIVEWAYS AND SIDEWALKS SHALL BE IN ACCORDANCE WITH SPPWC STANDARD PLAN NO. 112-2.
27. THE LATEST REVISED STANDARD PLAN OR DRAWING SHALL BE USED UNLESS OTHERWISE SPECIFICALLY NOTED.
28. REPAIR ANY BROKEN OR DAMAGED CURB, GUTTER, SIDEWALK, AND PAVEMENT ON STREETS WITHIN OR ABUTTING THE SUBDIVISION.
29. A SIGNING AND STRIPING PLAN IS REQUIRED. THE APPLICANT SHALL SUBMIT SIGNING AND STRIPING PLANS FOR APPROVAL TO LAND DEVELOPMENT DIVISION (IF NOT ALREADY APPROVED) AND SHALL CONFORM WITH THE APPROVED SIGNING AND STRIPING PLAN PRIOR TO THE ACCEPTANCE OF THE STREETS FOR PUBLIC MAINTENANCE. AFTER OBTAINING THE CONSTRUCTION PERMIT, THE APPLICANT SHALL CONTACT OPERATIONAL SERVICES DIVISION AT (626) 458-1700 TO REQUEST THE FABRICATION AND INSTALLATION OF REQUIRED SIGNAGE AND THE COMPLETION OF STRIPING PER APPROVED PLANS. THE APPLICANT SHALL DEPOSIT APPROPRIATE FEES WITH CONSTRUCTION DIVISION WHEN APPLYING FOR THE PERMIT TO ALLOW COMPLETION OF THE NECESSARY WORK.
30. A TRAFFIC CONTROL PLAN MAY BE REQUIRED FOR WORK WITHIN PUBLIC RIGHT OF WAY. PRIOR TO SECURING A CONSTRUCTION OR EXCAVATION PERMIT, THE APPLICANT/CONTRACTOR SHOULD CONTACT CONSTRUCTION DIVISION AT (626) 458-3129 AT THE EARLIEST POSSIBLE OPPORTUNITY TO DETERMINE IF SUCH A PLAN IS REQUIRED BASED ON THE PROPOSED SCOPE OF WORK. IF A TRAFFIC CONTROL PLAN IS DETERMINED TO BE NECESSARY, THE APPLICANT/CONTRACTOR SHALL SUBMIT PLANS TO CONSTRUCTION DIVISION FOR APPROVAL.
31. ALL EXISTING SIGNS AND POSTS LOCATED WITHIN THE PUBLIC RIGHT OF WAY THAT INTERFERE WITH PROPOSED WORK SHALL BE REMOVED PRIOR TO WORK COMMENCING AND REPLACED IN KIND ONCE WORK HAS BEEN COMPLETED. PLEASE CALL COUNTY OF LOS ANGELES DEPARTMENT ALL EXISTING SIGNS AND POSTS LOCATED WITHIN THE PUBLIC RIGHT OF WAY THAT INTERFERE WITH PROPOSED WORK SHALL BE REMOVED PRIOR TO WORK COMMENCING AND REPLACED IN KIND ONCE WORK HAS BEEN COMPLETED. PLEASE CALL COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS OPERATIONAL SERVICES DIVISION AT (626) 458-1708 5 DAYS PRIOR TO COORDINATE.

STORMWATER POLLUTION NOTES

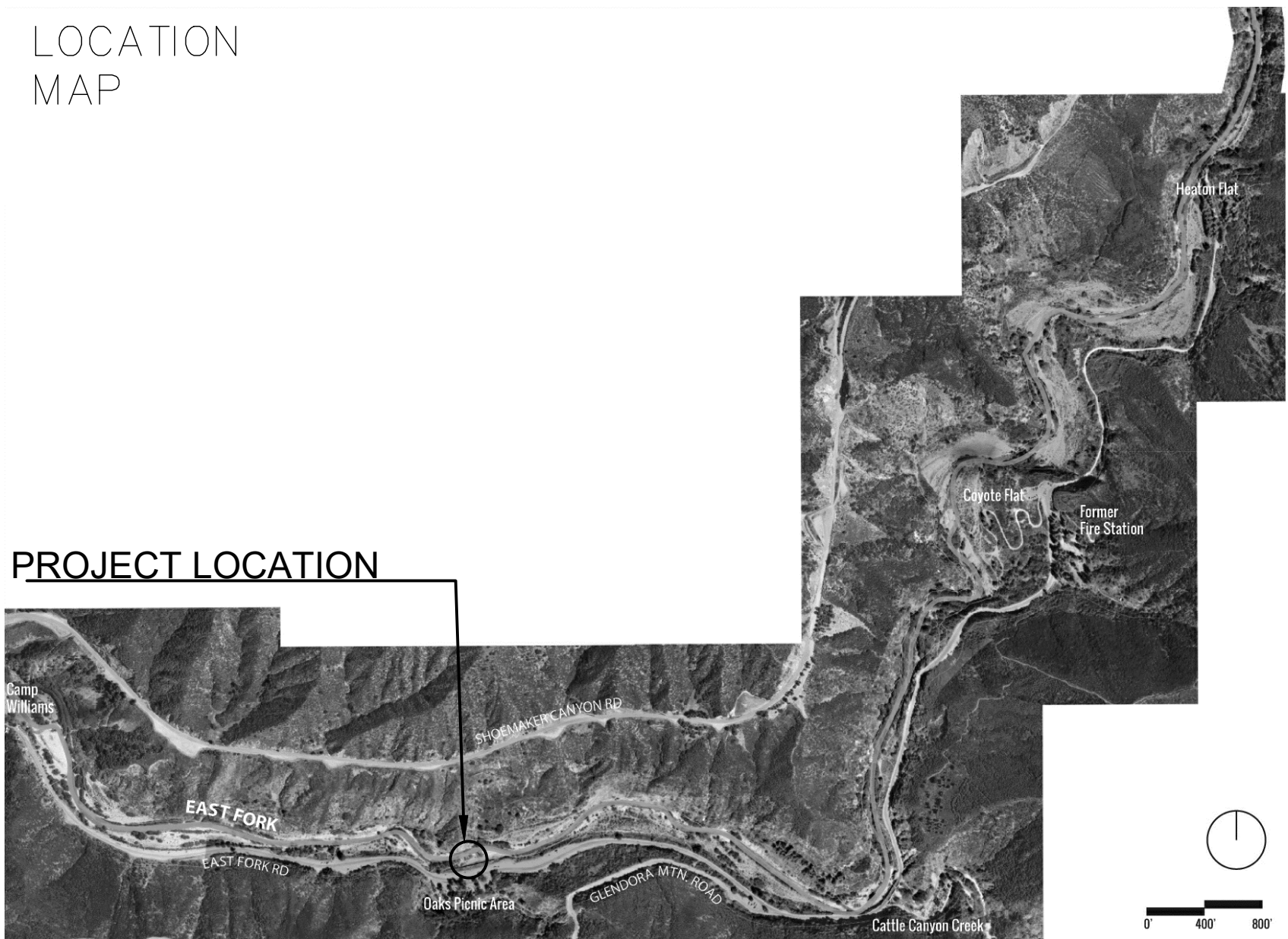
1. EVERY EFFORT SHOULD BE MADE TO ELIMINATE THE DISCHARGE OF NON-STORM WATER FROM THE PROJECT AT ALL TIMES.
2. ERODED SEDIMENTS AND OTHER POLLUTANTS MUST BE RETAINED ON SITE AND MAY NOT BE TRANSPORTED FROM THE SITE VIA SHEET FLOW, SWALES, AREA DRAINS, NATURAL DRAINAGE COURSES, OR WIND.
3. STOCKPILES OF EARTH AND OTHER CONSTRUCTION RELATED MATERIALS MUST BE PROTECTED FROM BEING TRANSPORTED FROM THE SITE BY THE FORCES OF WIND OR WATER.
4. FUELS, OILS, SOLVENTS AND OTHER TOXIC MATERIALS MUST BE STORED IN ACCORDANCE WITH THEIR LISTING AND ARE NOT TO CONTAMINATE THE SOIL AND SURFACE WATERS. ALL APPROVED STORAGE CONTAINERS ARE TO BE PROTECTED FROM THE WEATHER. SPILLS MUST BE CLEANED UP IMMEDIATELY AND DISPOSED OF IN A PROPER MANNER. SPILLS MAY NOT BE WASHED INTO THE DRAINAGE SYSTEM.
5. EXCESS OR WASTE CONCRETE MAY NOT BE WASHED INTO THE PUBLIC WAY OR ANY OTHER DRAINAGE SYSTEM. PROVISIONS SHALL BE MADE TO RETAIN CONCRETE WASTES ON SITE UNTIL THEY CAN BE DISPOSED OF AS SOLID WASTE.
6. TRASH AND CONSTRUCTION-RELATED SOLID WASTES MUST BE DEPOSITED INTO A COVERED RECEPTACLE TO PREVENT CONTAMINATION OF RAINWATER AND DISPERSAL BY WIND.
7. SEDIMENTS AND OTHER MATERIALS MAY NOT BE TRACKED FROM THE SITE BY VEHICLE TRAFFIC. THE CONSTRUCTION ENTRANCE ROADWAYS MUST BE STABILIZED SO AS TO INHIBIT SEDIMENTS FROM BEING DEPOSITED INTO THE PUBLIC WAY. ACCIDENTAL DEPOSITIONS MUST BE SWEEPED UP IMMEDIATELY AND MAY NOT BE WASHED DOWN BY RAIN OR OTHER MEANS.
8. ANY SLOPES WITH DISTURBED SOILS OR DENUDED OF VEGETATION MUST BE STABILIZED SO AS TO INHIBIT EROSION BY WIND AND WATER.

VICINITY MAP



VICINITY MAP
NTS

LOCATION
MAP



PROJECT LOCATION

PROJECT TITLE		SHEET TITLE	
OAKS STAIRWAY & OVERLOOK		STREET IMPROVEMENTS	
EAST FORK, SAN GABRIEL RIVER		NOTES AND BMPs	
			
DRAWN BY:	SH		
CHECKED BY:	LD		
PROJECT NO.	OS2019		
DATE:	JULY 15 2026		
L-6.00			
		WATERSHED CONSERVATION AUTHORITY 100 N OLD SAN GABRIEL CANYON ROAD AZUSA, CA 91702 PHONE: (626) 815-1019	
		Lynne Dwyer Landscape Architect 2616 NORTH FIGUEROA, SUITE A LOS ANGELES, CA 90065 (323) 221-9500	
		REVISIONS	DATE
		1 BID ALTERNATES	07/15/2026
		2 PLAN REVISIONS	07/15/2026
		3 CXT RESTROOM	07/15/2026

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