

NOTICE TO CONTRACTOR  
PURSUANT TO CALIFORNIA GOVERNMENT CODE SECTION 4216, NO EXCAVATION PERMIT IS VALID UNLESS THE FOLLOWING IS PERFORMED:  
1. UNDERGROUND SERVICES ALERT HAS BEEN CONTACTED AND HAS PROVIDED INQUIRY I.D. # \_\_\_\_\_  
2. THE UNDERSIGNED AGREES TO CONTACT AND OBTAIN AN INQUIRY I.D.# FROM UNDERGROUND SERVICES ALERT (800) 422-4133 AT LEAST TWO (2) WORKING DAYS PRIOR TO THE COMMENCEMENT OF EXCAVATION.  
SIGNED \_\_\_\_\_ DATE \_\_\_\_\_

# CONSTRUCTION PLANS FOR THE IMPROVEMENT OF PORTOLA SPRINGS COMMUNITY PARK INDIGENOUS INTERPRETIVE SPACE — PHASE 1 CIP 372501

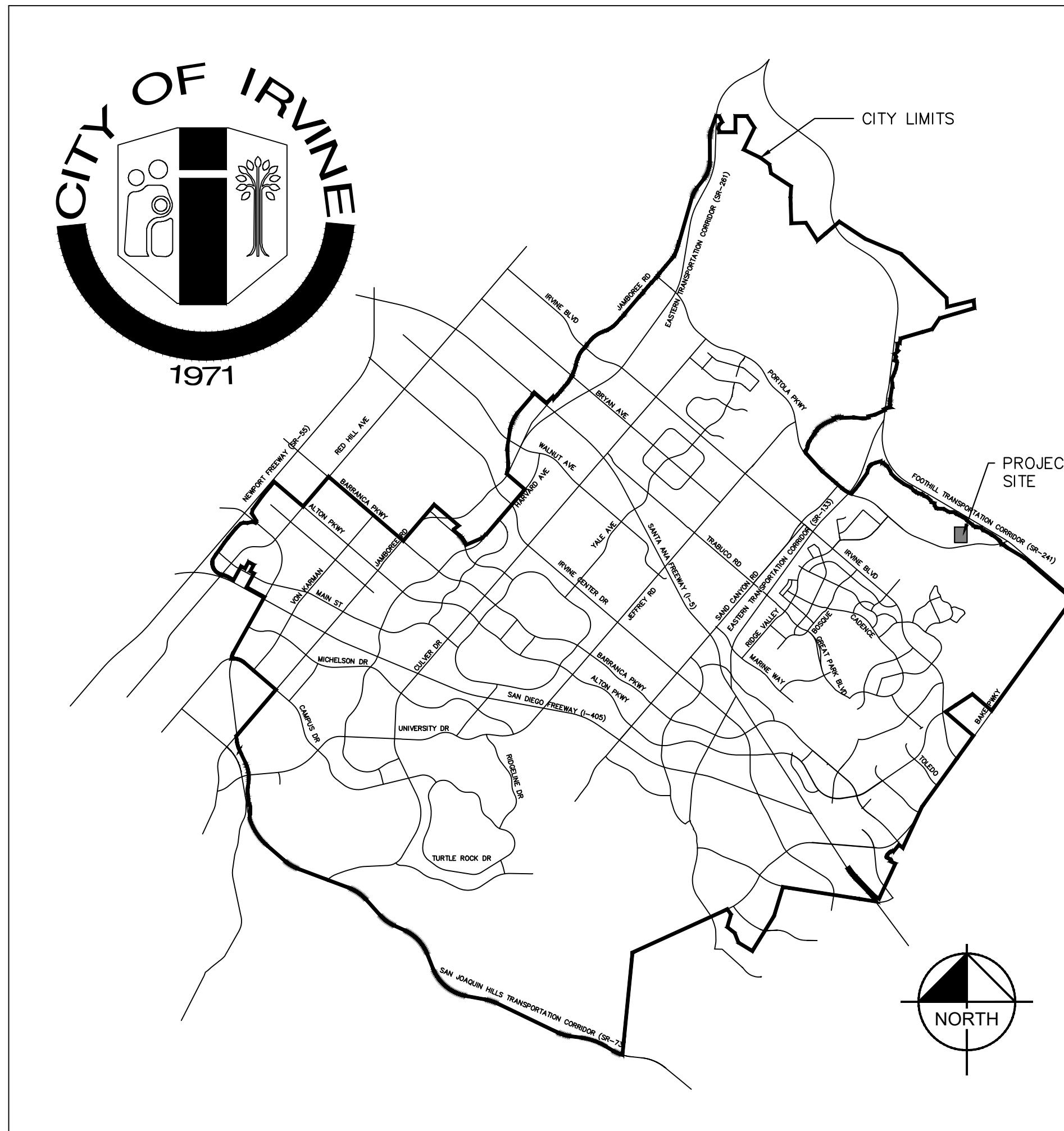


**LOCATION MAP**



**LEGEND**

SYMBOL	DESCRIPTION
— - - - -	EXISTING RIGHT OF WAY
— - - - - (SD)	EXISTING PROPERTY LINE
— - - - - (S)	EXISTING EASEMENT LINE
— - - - - (E)	EXISTING STORM DRAIN LINE
— - - - - (W)	EXISTING SANITARY SEWER LINE
— - - - - (IRR)	EXISTING ELECTRICAL LINE
— - - - - (W)	EXISTING DOMESTIC WATER LINE
— - - - - (IRR)	EXISTING IRRIGATION LINE
— - - - - (SD)	EXISTING TOP OF SLOPE LINE
— - - - - (SD)	REMOVE EXISTING STORM DRAIN LINE
— - - - - (SD)	PROPOSED STORM DRAIN LINE
— - - - - (SD)	SWALE
— - - - - (SD)	LIMIT OF WORK
— - - - - (SD)	REMOVE/Dispose EXISTING REDWOOD HEADER
— - - - - (SD)	AREA OF DEMOLITION LIMITS
— - - - - (SD)	BOTTOM OF STEP ELEVATION
— - - - - (SD)	TOP OF STEP ELEVATION
— - - - - (SD)	EDGE OF GUTTER ELEVATION
— - - - - (SD)	FINISH GRADE ELEVATION
— - - - - (SD)	FLOW LINE ELEVATION
— - - - - (SD)	FINISH SURFACE ELEVATION
— - - - - (SD)	GRADE BREAK
— - - - - (SD)	RIDGE LINE
— - - - - (SD)	TOP OF CURB ELEVATION
— - - - - (SD)	TOP OF WALL ELEVATION
— - - - - (SD)	TOP OF GRATE
— - - - - (SD)	TOP OF SLAB
— - - - - (SD)	TOP OF FOOTING
— - - - - (SD)	T.O.S.
— - - - - (SD)	T.O.F.
— - - - - (SD)	XXX.XX
— - - - - (SD)	(XXX.XX)
— - - - - (SD)	XX.XX%
— - - - - (SD)	(XX.XX)%
— - - - - (SD)	EXISTING SLOPE
— - - - - (SD)	EXISTING CONTOUR ELEVATION
— - - - - (SD)	PROPOSED CONTOUR ELEVATION
— - - - - (SD)	GRADE BREAK
— - - - - (SD)	RIDGE LINE
— - - - - (SD)	HIGH POINT
— - - - - (SD)	FLOW LINE



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		PLANTING DETAILS
		PLANTING DETAILS

## PROJECT CONTACTS:

OWNER  
CITY OF IRVINE  
1 CIVIC CENTER  
IRVINE, CA 92606

CIVIL ENGINEER  
KIMLEY-HORN  
100 TOWN AND COUNTRY RD.  
UNIT 700  
ORANGE, CA 92868  
ATTN: BARBIE B. GOVARGEZ  
PHONE: 800-400-3000  
EMAIL: BARBIEBEGOVARGEZ@KIMLEY-HORN.COM

LANDSCAPE ARCHITECT  
KIMLEY-HORN  
MATTHEW DURHAM  
100 TOWN AND COUNTRY RD, SUITE 700  
SANTA ANA, CA 92886  
MATTHEW.DURHAM@KIMLEY-HORN.COM  
(657) 204-5037

## SITE DATA

TOTAL SITE AREA: 44,574 SF

DISTURBED AREA: 33,232 SF

EXISTING PERVIOUS AREA: 4,964 SF

EXISTING IMPERVIOUS AREA: 39,610 SF

PROPOSED PERVIOUS AREA: 10,011 SF

PROPOSED IMPERVIOUS AREA: 34,563 SF

PROPOSED TREES: 29

REMOVED TREES: 10

## EARTHWORK

136.20 CY CUT (RAW)

69.72 CY FILL (RAW)

66.48 CY NET CUT (RAW)

PLAN PREPARED BY:  
REGISTERED PROFESSIONAL ENGINEER  
STATE OF CALIFORNIA  
No. 81751  
Exp. 3/31/26  
CIVIL  
DESIGN ENGINEER  
R.C.E. No. 12/18/25  
DATE

## VICINITY MAP

## BASIS OF BEARINGS:

THE BASIS OF HORIZONTAL CONTROL FOR THIS PROJECT IS CALIFORNIA COORDINATE SYSTEM NAD83 ZONE 6, (2010.00) DETERMINED LOCALLY BY THE FOLLOWING N.G.S. CONTINUOUS REFERENCE STATIONS (C.O.R.S.): SBCC & TRAK

N.G.S. C.O.R.S. SBCC:  
NORTHING = 2147751.06' EASTING = 6131562.36'

N.G.S. C.O.R.S. TRAK:  
NORTHING = 2171991.91' EASTING = 6088761.82'

## BENCH MARK:

ELEVATIONS SHOWN HEREON ARE BASED UPON ORANGE COUNTY BENCHMARK BEE-ROUND-3, ELEVATION 568.81 FEET (NAVD 88)

DESCRIPTION:  
DESCRIBED BY OCS 2002 – UNRELIABLE ELEVATION–FOUND 3 3/4 " OCS ALUMINUM BENCHMARK DISK STAMPED "BEE-ROUND-3" SET IN THE TOP OF A FLOATING CONCRETE HEADWALL. MONUMENT IS LOCATED ALONG THE NORTHERLY SIDE OF PORTOLA PARKWAY, 1.6 MILES EASTERLY ALONG PORTOLA PARKWAY FROM THE CENTERLINE OF SAND CANYON AVENUE TO ROUND CANYON DAM ACCESS ROAD, 50 FT. WESTERLY OF THE CENTERLINE OF THE ACCESS ROAD. MONUMENT IS SET LEVEL IN THE TOP OF THE WALL.

## APPROVED BY: CITY ENGINEER

**CITY OF IRVINE**  
PUBLIC WORKS & SUSTAINABILITY  
APPROVED  
This plan is signed by the City of Irvine Public Works & Sustainability Department for concept and adherence to City of Irvine standards and requirements. All revisions must be approved by the City of Irvine Public Works & Sustainability Department for concept and adherence to City of Irvine standards and requirements. All revisions must receive City approvals before being submitted to the City of Irvine Public Works & Sustainability Department for final review and approval.

Lincoln Lo, P.E.  
City Engineer  
12/18/2025, 2:26:47 PM

DRAWN BY: MG / RY /GP DATE  
DESIGNED BY: MD DATE  
LINCOLN LO R.C.E. NO. 66116 DATE  
APPROVED BY: ORANGE COUNTY FIRE MARSHAL DATE  
CHECKED BY: BBG DATE  
RECOMMENDED BY: SR# DATE

## APPROVED BY: IRVINE RANCH WATER DISTRICT SANITARY SEWER FACILITIES

APPROVED BY:  
IRVINE RANCH WATER DISTRICT WATER FACILITIES DATE

APPROVED BY:  
IRVINE RANCH WATER DISTRICT WATER FACILITIES DATE

APPROVED BY:  
IRVINE RANCH WATER DISTRICT WATER FACILITIES DATE

APPROVED BY:  
IRVINE RANCH WATER DISTRICT WATER FACILITIES DATE

**PORTOLA SPRINGS COMMUNITY PARK  
INDIGENOUS INTERPRETIVE SPACE -PHASE 1 CIP 372501**

## TITLE SHEET

**CITY OF IRVINE  
PUBLIC WORKS & SUSTAINABILITY DEPARTMENT**

PLAN CHECK NO.  
00961364-PARK

PERMIT NO.

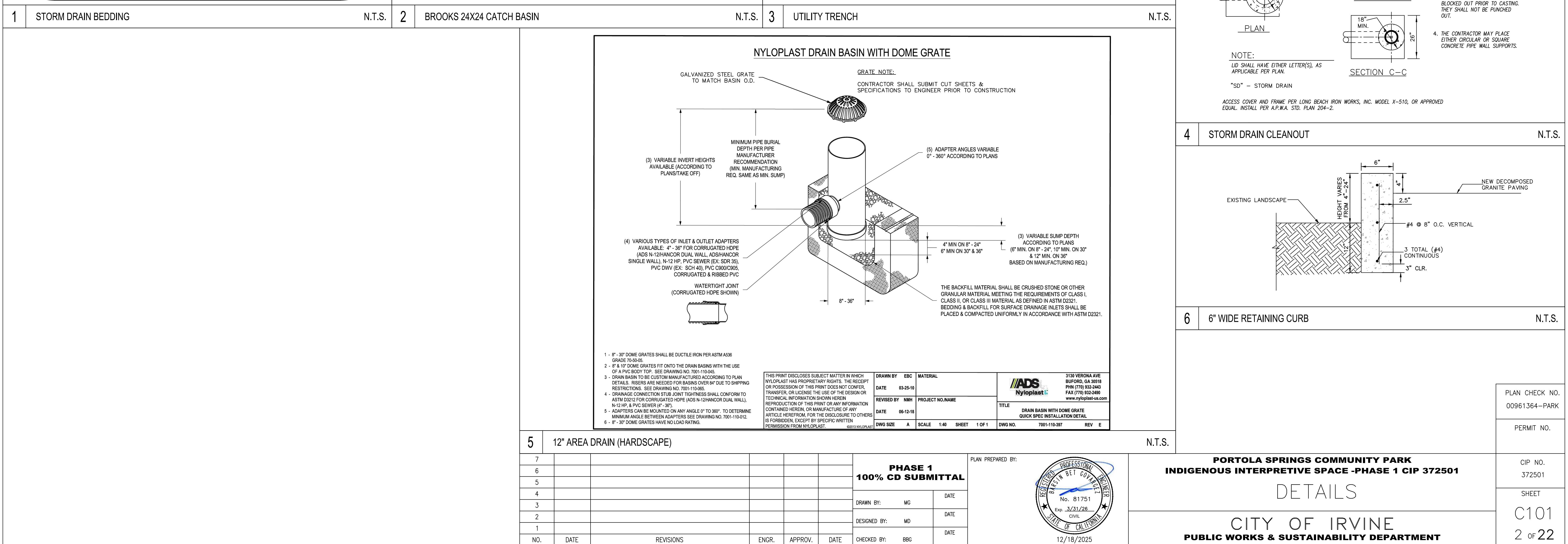
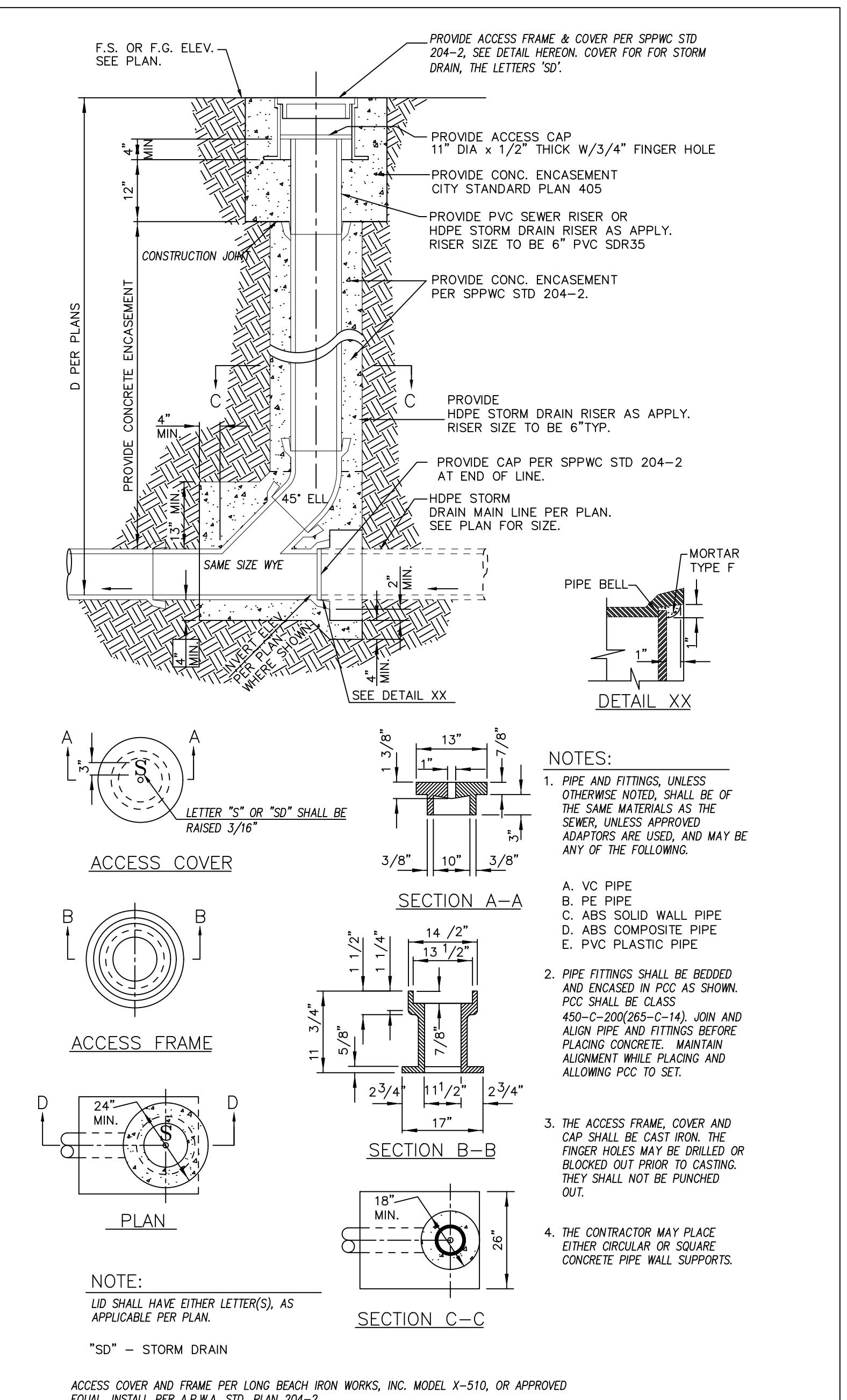
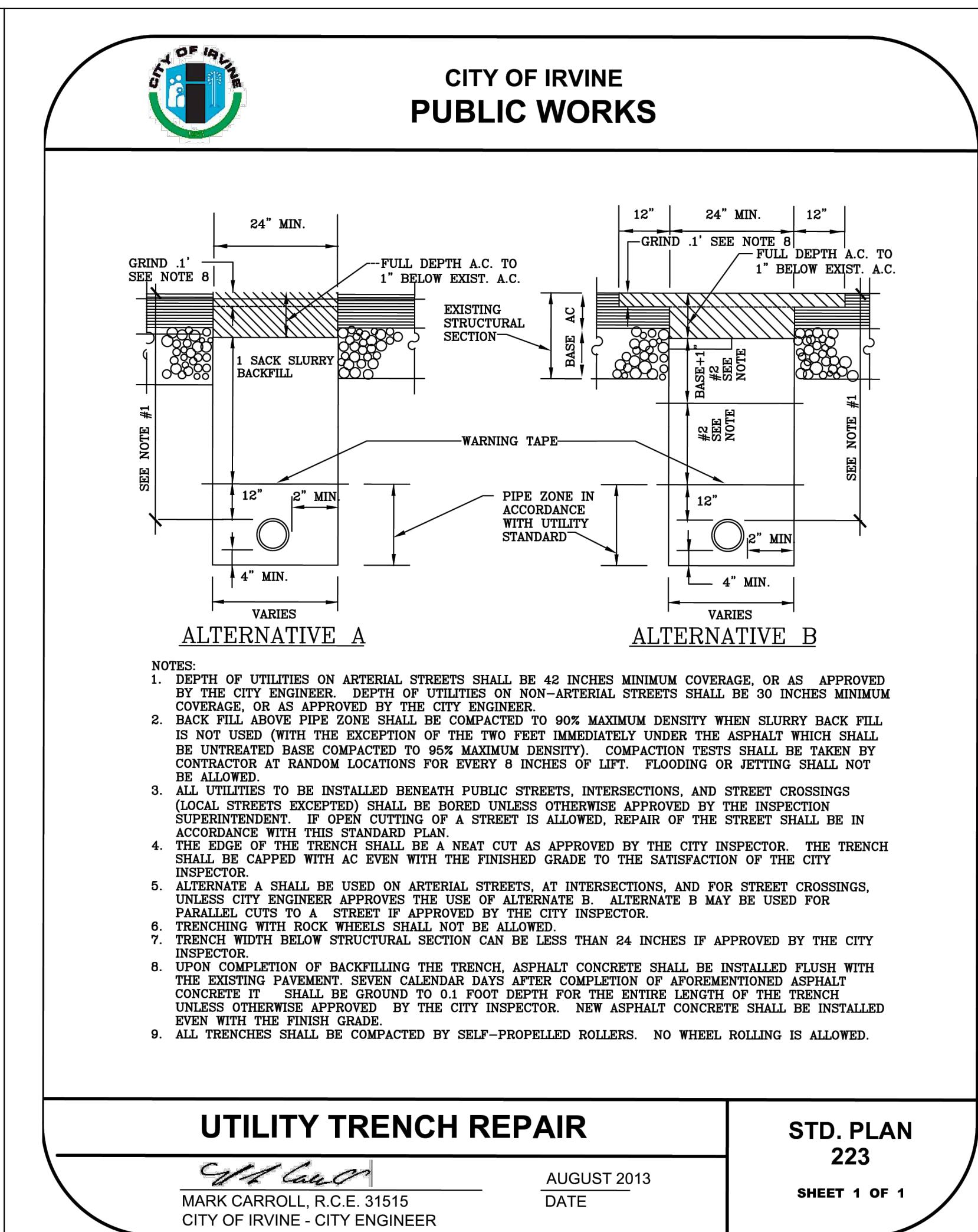
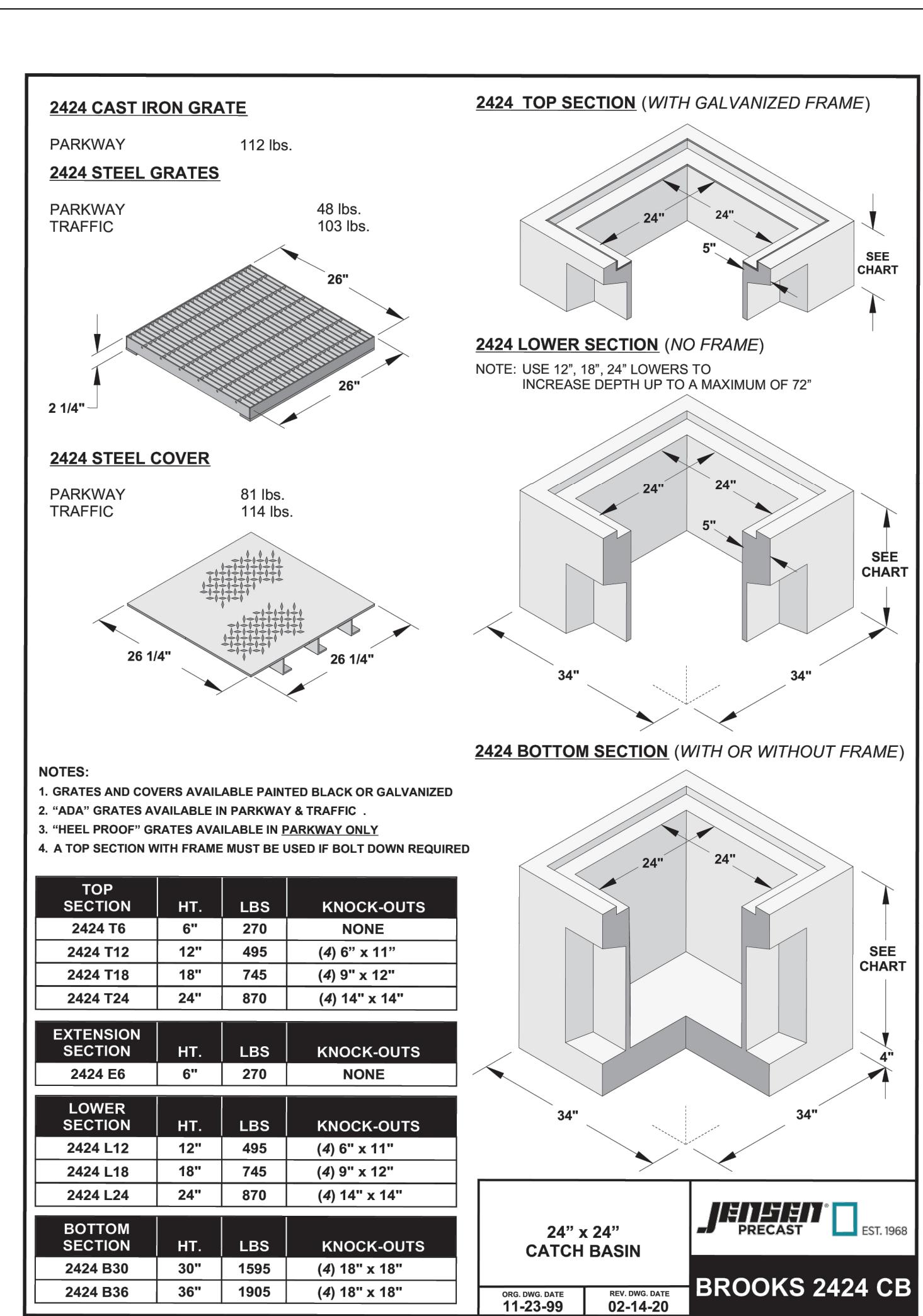
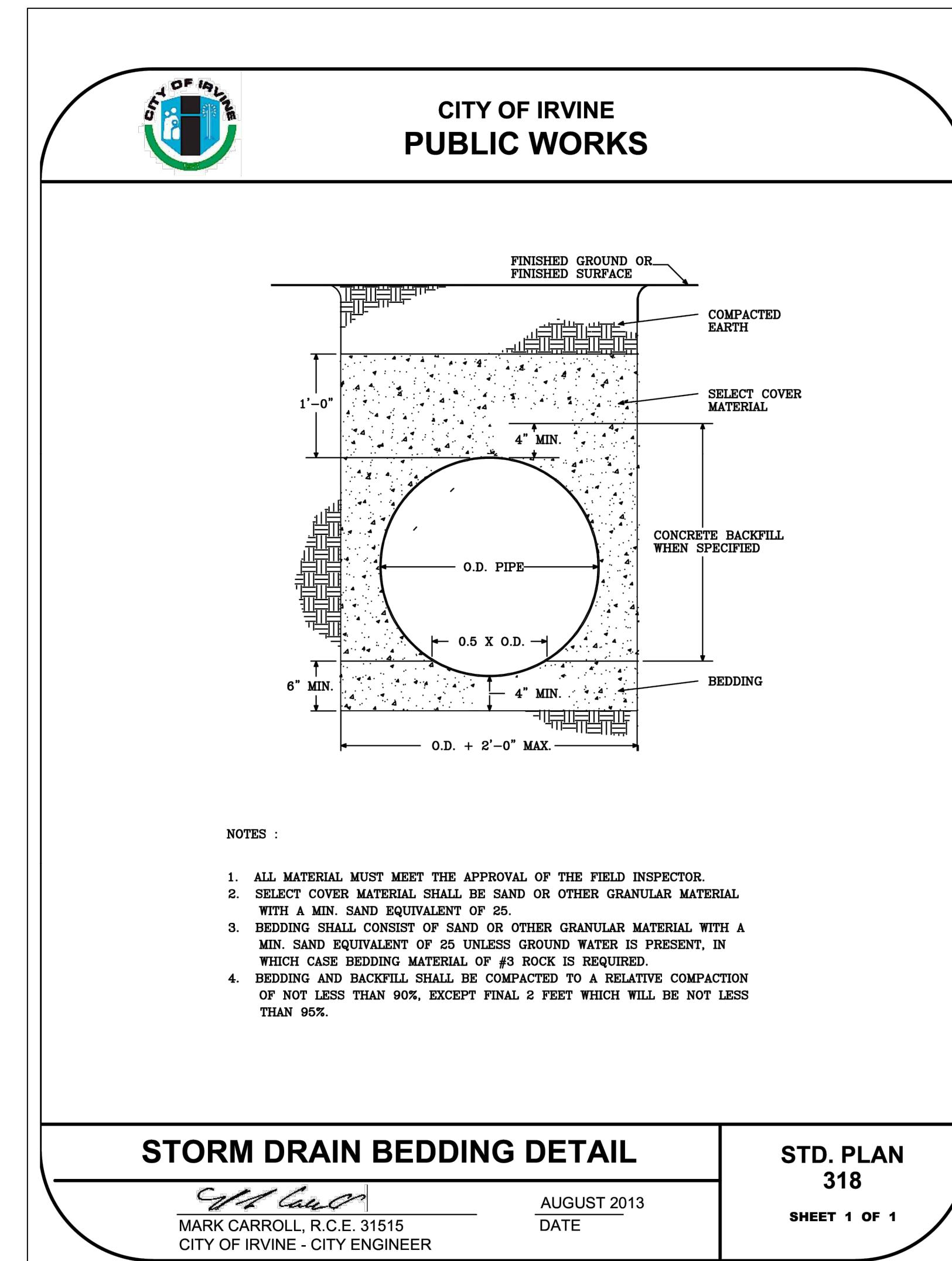


CIP NO.  
372501

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C100

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REVISIONS ENGR. APPROV. DATE



## GENERAL EARTHWORK AND GRADING SPECIFICATIONS

### 1.0 General

1.1 **Intent:** These General Earthwork and Grading Specifications are for the grading and earthwork shown on the approved grading plan(s) and/or indicated in the geotechnical report(s). These Specifications are a part of the recommendations contained in the geotechnical report(s). In case of conflict, the specific recommendations in the geotechnical report shall supersede these more general Specifications. Observations of the earthwork by the project Geotechnical Consultant during the course of grading may result in new or revised recommendations that could supersede these specifications or the recommendations in the geotechnical report(s).

1.2 **Geotechnical Consultant:** Prior to commencement of work, the owner shall employ a geotechnical consultant. The geotechnical consultant shall be responsible for reviewing the approved geotechnical report(s) and accepting the adequacy of the preliminary geotechnical findings, conclusions, and recommendations prior to the commencement of the grading.

Prior to commencement of grading, the Geotechnical Consultant shall review the "work plan" prepared by the Earthwork Contractor (Contractor) and schedule sufficient personnel to perform the appropriate level of observation, mapping, and compaction testing.

During the grading and earthwork operations, the Geotechnical Consultant shall observe, map, and document the subsurface exposures to verify the geotechnical design assumptions. If the observed conditions are found to be significantly different than the interpreted assumptions during the design phase, the Geotechnical Consultant shall inform the owner, recommend appropriate changes in design to accommodate the observed conditions, and notify the review agency where required. Subsurface areas to be geotechnically observed, mapped, elevations recorded, and/or tested include natural ground after it has been cleared for receiving fill but before fill is placed, bottoms of all "remedial removal" areas, all key bottoms, and benches made on sloping ground to receive fill.

The Geotechnical Consultant shall observe the moisture-conditioning and processing of the subgrade and fill materials and perform relative compaction testing of fill to determine the attained level of compaction. The Geotechnical Consultant shall provide the test results to the owner and the Contractor on a routine and frequent basis.

### 3.0 Fill Material

3.1 **General:** Material to be used as fill shall be essentially free of organic matter and other deleterious substances evaluated and accepted by the Geotechnical Consultant prior to placement. Soils of poor quality, such as those with unacceptable gradation, high expansion potential, or low strength shall be placed in areas acceptable to the Geotechnical Consultant or mixed with other soils to achieve satisfactory fill material.

3.2 **Oversize:** Oversize material defined as rock, or other irreducible material with a maximum dimension greater than 12 inches, shall not be buried or placed in fill unless location, materials, and placement methods are specifically accepted by the Geotechnical Consultant. Placement operations shall be such that nesting of oversized material does not occur and such that oversized material is completely surrounded by compacted or densified fill. Oversize material shall not be placed within 10 vertical feet of finish grade or within 2 feet of future utilities or underground construction.

3.3 **Import:** If importing of fill material is required for grading, proposed import material shall meet the requirements of Section 3.1. The potential import source shall be given to the Geotechnical Consultant at least 48 hours (2 working days) before importing begins so that its suitability can be determined and appropriate tests performed.

### 4.0 Fill Placement and Compaction

4.1 **Fill Layers:** Approved fill material shall be placed in areas prepared to receive fill (per Section 3.0) in near-horizontal layers not exceeding 8 inches in loose thickness. The Geotechnical Consultant may accept thicker layers if testing indicates the grading procedures can adequately compact the thicker layers. Each layer shall be spread evenly and mixed thoroughly to attain relative uniformity of material and moisture throughout.

4.2 **Fill Moisture Conditioning:** Fill soils shall be watered, dried back, blended, and/or mixed, as necessary to attain a relatively uniform moisture content at or slightly over optimum. Maximum density and optimum soil moisture content tests shall be performed in accordance with the American Society of Testing and Materials (ASTM Test Method D1557-91).

4.3 **Compaction of Fill:** After each layer has been moisture-conditioned, mixed, and evenly spread, it shall be uniformly compacted to not less than 90 percent of maximum dry density (ASTM Test Method D1557-91). Compaction equipment shall be adequately sized and be either specifically designed for soil compaction or of proven reliability to efficiently achieve the specified level of compaction with uniformity.

### X EARTHWORK AND GRADING PREPARATION FOR CONTRACTOR TO FOLLOW

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1.3 **The Earthwork Contractor:** The Earthwork Contractor (Contractor) shall be qualified, experienced, and knowledgeable in earthwork logistics, preparation and processing of ground to receive fill, moisture-conditioning and processing of fill, and compacting fill. The Contractor shall review and accept the plans, geotechnical report(s), and these Specifications prior to commencement of grading. The Contractor shall be solely responsible for performing the grading in accordance with the plans and specifications.

The Contractor shall prepare and submit to the owner and the Geotechnical Consultant a work plan that indicates the sequence of earthwork grading, the number of "spreads" of work and the estimated quantities of daily earthwork contemplated for the site prior to commencement of grading. The Contractor shall inform the owner and the Geotechnical Consultant of changes in work schedules and updates to the work plan at least 24 hours in advance of such changes so that appropriate observations and tests can be planned and accomplished. The Contractor shall not assume that the Geotechnical Consultant is aware of all grading operations.

The Contractor shall have the sole responsibility to provide adequate equipment and methods to accomplish the earthwork in accordance with the applicable grading codes and agency ordinances, these Specifications, and the recommendations in the approved geotechnical report(s) and grading plan(s). If, in the opinion of the Geotechnical Consultant, unsatisfactory conditions, such as unsuitable soil, improper moisture condition, inadequate compaction, insufficient buttress key size, adverse weather, etc., are resulting in a quality of work less than required in these specifications, the Geotechnical Consultant shall reject the work and may recommend to the owner that construction be stopped until the conditions are rectified.

### 2.0 Preparation of Areas to be Filled

2.1 **Clearing and Grubbing:** Vegetation, such as brush, grass, roots, and other deleterious material shall be sufficiently removed and properly disposed of in a method acceptable to the owner, governing agencies, and the Geotechnical Consultant.

The Geotechnical Consultant shall evaluate the extent of these removals depending on specific site conditions. Earth fill material shall not contain more than 1 percent of organic materials (by volume). No fill lift shall contain more than 5 percent of organic matter. Nesting of the organic materials shall not be allowed.

If potentially hazardous materials are encountered, the Contractor shall stop work in the affected area, and a hazardous material specialist shall be informed

immediately for proper evaluation and handling of these materials prior to continuing to work in that area.

As presently defined by the State of California, most refined petroleum products (gasoline, diesel fuel, motor oil, grease, coolant, etc.) have chemical constituents that are considered to be hazardous waste. As such, the indiscriminate dumping or spillage of these fluids onto the ground may constitute a misdemeanor, punishable by fines and/or imprisonment, and shall not be allowed.

2.2 **Processing:** Existing ground that has been declared satisfactory for support of fill by the Geotechnical Consultant shall be scarified to a minimum depth of 6 inches. Existing ground that is not satisfactory shall be overexcavated as specified in the following section. Scarification shall continue until soils are broken down and free of large clay lumps or clods and the working surface is reasonably uniform, flat, and free of uneven features that would inhibit uniform compaction.

2.3 **Overexcavation:** In addition to removals and overexcavations recommended in the approved geotechnical report(s) and the grading plan, soft, loose, dry, saturated, spongy, organic-rich, highly fractured or otherwise unsuitable ground shall be overexcavated to competent ground as evaluated by the Geotechnical Consultant during grading.

2.4 **Benching:** Where fills are to be placed on ground with slopes steeper than 5:1 (horizontal to vertical units), the ground shall be stepped or benched. Please see the Standard Details for a graphic illustration. The lowest bench or key shall be a minimum of 15 feet wide and at least 2 feet deep, into competent material as evaluated by the Geotechnical Consultant. Other benches shall be excavated a minimum height of 4 feet into competent material or as otherwise recommended by the Geotechnical Consultant. Fill placed on ground sloping flatter than 5:1 shall also be benched or otherwise overexcavated to provide a flat subgrade for the fill.

2.5 **Evaluation/Acceptance of Fill Areas:** All areas to receive fill, including removal and processed areas, key bottoms, and benches, shall be observed, mapped, elevations recorded, and/or tested prior to being accepted by the Geotechnical Consultant as suitable to receive fill. The Contractor shall obtain a written acceptance from the Geotechnical Consultant prior to fill placement. A licensed surveyor shall provide the survey control for determining elevations of processed areas, keys, and benches.

### 6.0 Excavation

Excavations, as well as over-excavation for remedial purposes, shall be evaluated by the Geotechnical Consultant during grading. Remedial removal depths shown on geotechnical plans are estimates only. The actual extent of removal shall be determined by the Geotechnical Consultant based on the field evaluation of exposed conditions during grading. Where fill-over-cut slopes are to be graded, the cut portion of the slope shall be made, evaluated, and accepted by the Geotechnical Consultant prior to placement of materials for construction of the fill portion of the slope, unless otherwise recommended by the Geotechnical Consultant.

### 7.0 Trench Backfills

7.1 Contractor shall follow all OHSA and Cal/OSHA requirements for safety of trench excavations.

7.2 Bedding and backfill of utility trenches shall be done in accordance with the applicable provisions of Standard Specifications of Public Works Construction. Bedding material shall have a Sand Equivalent greater than 30 (SE>30). The bedding shall be placed to 1 foot over the top of the conduit and densified by jetting. Backfill shall be placed and densified to a minimum 90 percent of maximum from 1 foot above the top of the conduit to the surface, except in traveled ways (see Section 7.6 below).

7.3 Jetting of the bedding around the conduits shall be observed by the Geotechnical Consultant.

7.4 Geotechnical Consultant shall test the trench backfill for relative compaction. At least one test should be made for every 300 feet of trench and 2 feet of fill.

7.5 Lift thickness of trench backfill shall not exceed those allowed in the Standard Specifications of Public Works Construction unless the Contractor can demonstrate to the Geotechnical Consultant that the fill lift can be compacted to the minimum relative compaction by his alternative equipment and method.

7.6 Trench backfill in the upper foot measured from finish grade within existing or future traveled way, shoulder, and other paved areas (or areas to receive pavement) should be placed to a minimum 95 percent relative compaction.

PLAN CHECK NO.  
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PERMIT NO.



**PORTOLA SPRINGS COMMUNITY PARK  
INDIGENOUS INTERPRETIVE SPACE - PHASE 1 CIP 372501**

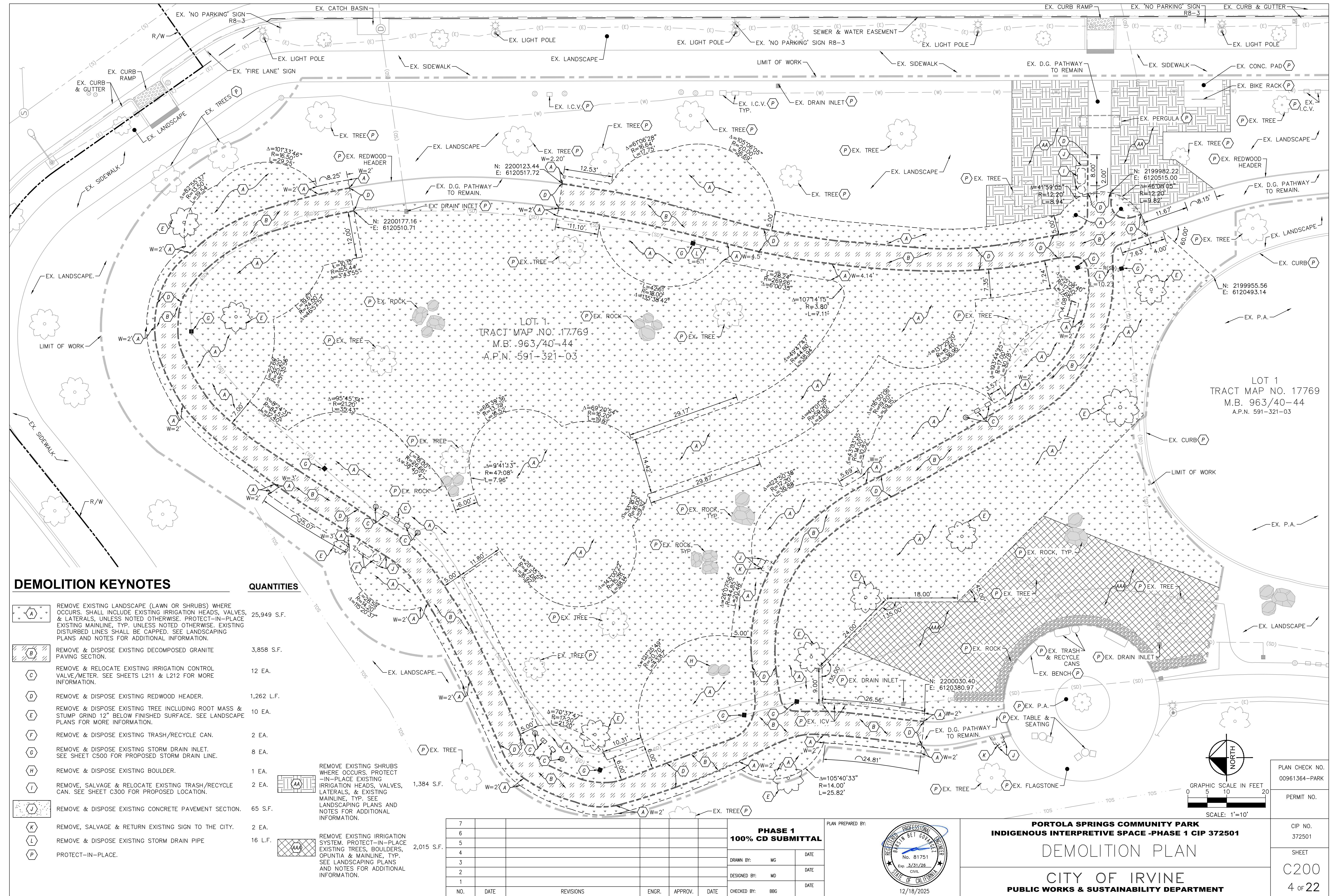
**DETAILS**

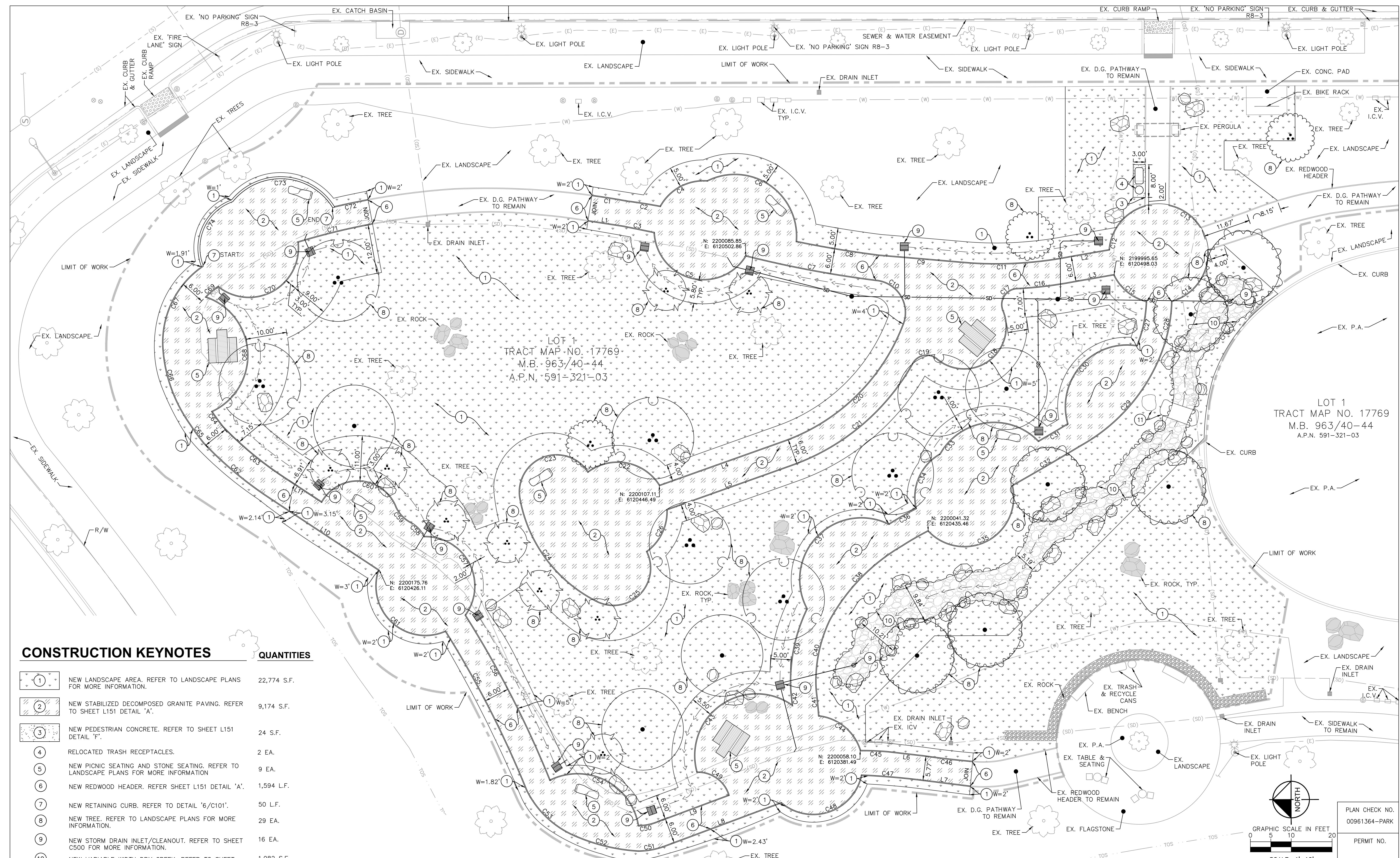
**CITY OF IRVINE  
PUBLIC WORKS & SUSTAINABILITY DEPARTMENT**

CIP NO.  
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NO.	DATE	REVISIONS	ENGR.	APPROV.	DATE	DRAWN BY:	MG	DATE	DESIGNED BY:	MD	DATE	CHECKED BY:	BBC	DATE	 No. 81751 Exp. 3/31/28 CIVIL 12/18/2025		

**PORTOLA SPRINGS COMMUNITY PARK  
INDIGENOUS INTERPRETIVE SPACE - PHASE 1 CIP 372501**  
**CONSTRUCTION PLAN**  
**CITY OF IRVINE  
PUBLIC WORKS & SUSTAINABILITY DEPARTMENT**

## CURVE & LINE DATA:

ALL CURVE AND LINE DATA ARE TO THE FACE OF THE CURB/WOOD HEADER.

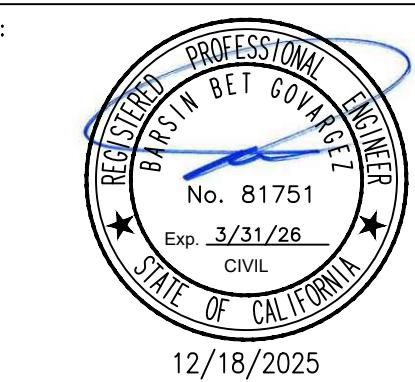
WOOD HEADER LINE TABLE		
LINE #	DIRECTION	LENGTH
L1	S08°50'15"W	8.75'
L2	N09°46'37"W	10.10'
L3	N09°46'18"W	10.06'
L4	N19°26'07"W	32.17'
L5	N19°26'07"W	32.43'
L6	S06°44'58"W	7.29'
L7	S07°13'51"W	12.21'
L8	S20°18'54"E	30.82'
L9	N20°19'08"W	19.38'
L10	S33°32'31"W	32.14'
L11	S33°30'34"W	11.37'

CURB CURVE TABLE			
CURVE #	RADIUS	DELTA	LENGTH
C73	15.00'	109°29'24"	28.66'
C74	12.00'	91°40'36"	19.20'

WOOD HEADER CURVE TABLE				WOOD HEADER CURVE TABLE				WOOD HEADER CURVE TABLE			
CURVE #	RADIUS	DELTA	LENGTH	CURVE #	RADIUS	DELTA	LENGTH	CURVE #	RADIUS	DELTA	LENGTH
C1	189.50'	2°40'35"	8.85'	C31	720.51'	0°40'43"	8.53'	C61	12.00'	133°40'09"	28.00'
C2	120.38'	3°53'32"	8.18'	C32	726.51'	1°32'41"	19.59'	C62	91.29'	131°03'37"	20.99'
C3	661.98'	0°40'32"	7.80'	C33	15.00'	107°19'13"	28.10'	C63	85.29'	13°00'46"	19.37'
C4	12.00'	65°57'35"	13.81'	C34	12.00'	74°33'34"	15.62'	C64	52.54'	5°00'31"	4.59'
C5	12.00'	146°50'11"	30.75'	C35	12.00'	151°22'30"	31.70'	C65	58.54'	5°16'29"	5.39'
C6	15.00'	121°58'41"	31.93'	C36	76.17'	5°54'07"	7.85'	C66	36.36'	31°38'57"	20.08'
C7	265.05'	7°02'28"	32.57'	C37	15.00'	145°06'10"	37.99'	C67	22.52'	59°45'29"	23.49'
C8	259.05'	4°33'36"	20.62'	C38	47.56'	30°57'45"	25.70'	C68	15.00'	137°38'31"	36.03'
C9	3671.93'	0°19'27"	20.78'	C39	40.53'	29°54'30"	21.16'	C69	16.42'	14°42'43"	4.21'
C10	8.00'	103°41'08"	14.48'	C40	34.53'	29°40'39"	17.89'	C70	12.00'	136°23'11"	28.56'
C11	94.16'	15°47'22"	25.95'	C41	144.58'	2°31'13"	6.36'	C71	169.60'	6°22'37"	18.88'
C12	12.00'	70°17'23"	14.72'	C42	138.58'	1°22'56"	3.34'	C72	178.57'	2°40'47"	8.35'
C13	12.00'	45°41'47"	9.57'	C43	15.00'	141°52'21"	37.14'				
C14	12.00'	79°32'19"	16.66'	C44	12.00'	67°25'20"	14.12'				
C15	12.00'	51°13'09"	10.73'	C45	63.36'	7°29'51"	8.29'				
C16	100.16'	8°01'10"	14.02'	C46	207.88'	3°19'42"	12.08'				
C17	4.00'	109°41'37"	7.66'	C47	176.89'	4°45'19"	14.68'				
C18	10.20'	152°46'09"	27.20'	C48	12.00'	119°13'02"	24.97'				
C19	4.00'	100°52'26"	7.04'	C49	8.00'	76°43'19"	10.71'				
C20	49.00'	49°46'52"	42.57'	C50	13.28'	18°32'37"	4.30'				
C21	55.00'	41°14'22"	39.59'	C51	19.28'	18°32'37"	6.24'				
C22	12.00'	95°49'24"	20.07'	C52	45.73'	19°13'22"	15.34'				
C23	9.00'	158°08'24"	24.84'	C53	23.31'	42°17'51"	17.21'				
C24	35.00'	53°35'15"	32.73'	C54	15.00'	108°10'37"	28.32'				
C25	9.00'	142°24'57"	22.37'	C55	250.46'	10°01'48"	43.84'				
C26	12.00'	56°58'00"	11.93'	C56	256.46'	10°11'32"	45.62'				
C27	31.75'	20°26'04"	11.33'	C57	12.00'	128°08'14"	26.84'				
C28	37.75'	20°30'32"	13.51'	C58	8.00'	35°36'15"	4.97'				
C29	44.06'	38°44'51"	29.80'	C59	8.00'	39°07'09"	5.46'				
C30	15.00'	116°02'50"	30.38'	C60	10.00'	128°36'02"	22.45'				

PLAN CHECK NO.  
00961364-PARK

PERMIT NO.



**PORTOLA SPRINGS COMMUNITY PARK  
INDIGENOUS INTERPRETIVE SPACE - PHASE 1 CIP 372501**  
PHASE 1 – CONSTRUCTION PLAN  
CITY OF IRVINE  
PUBLIC WORKS & SUSTAINABILITY DEPARTMENT

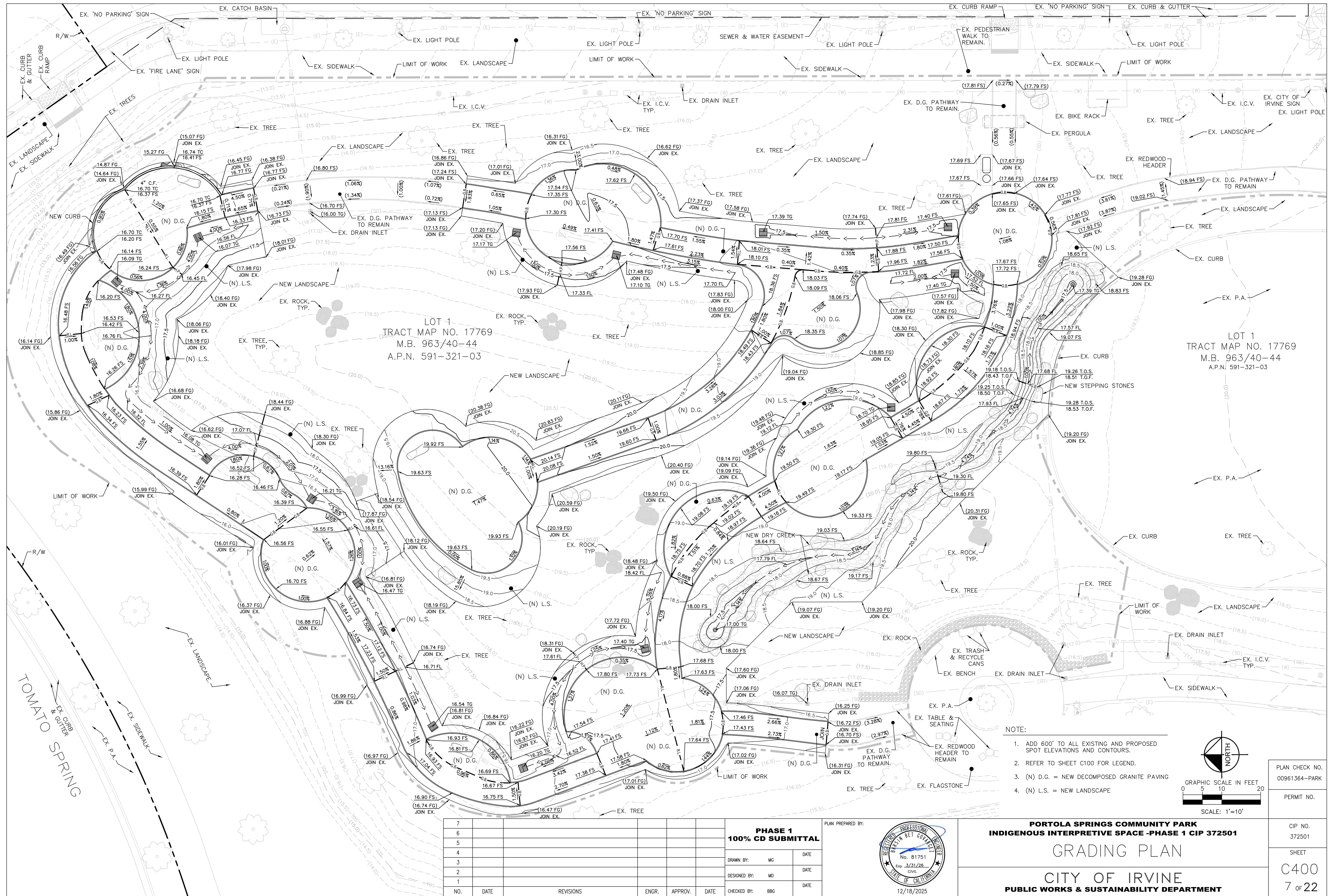
CIP NO.  
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SHEET

C301  
6 of 22

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NO. DATE REVISIONS ENGR. APPROV. DATE CHECKED BY: BBC DATE  
12/18/2025

SHEET REVISED: 12-18-2025



PLAN CHECK NO.

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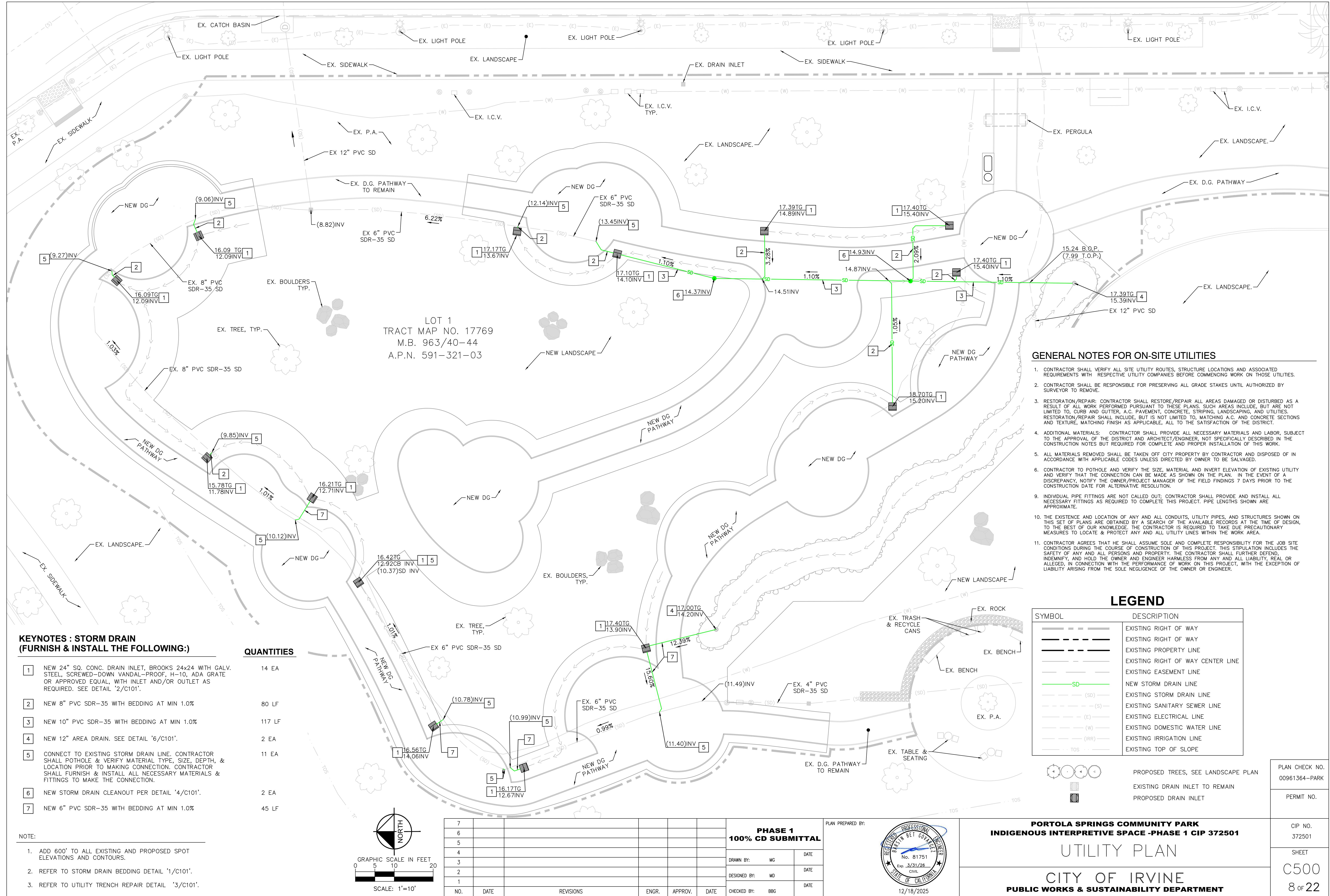
1. *What is the relationship between the two concepts of the state and the nation?*

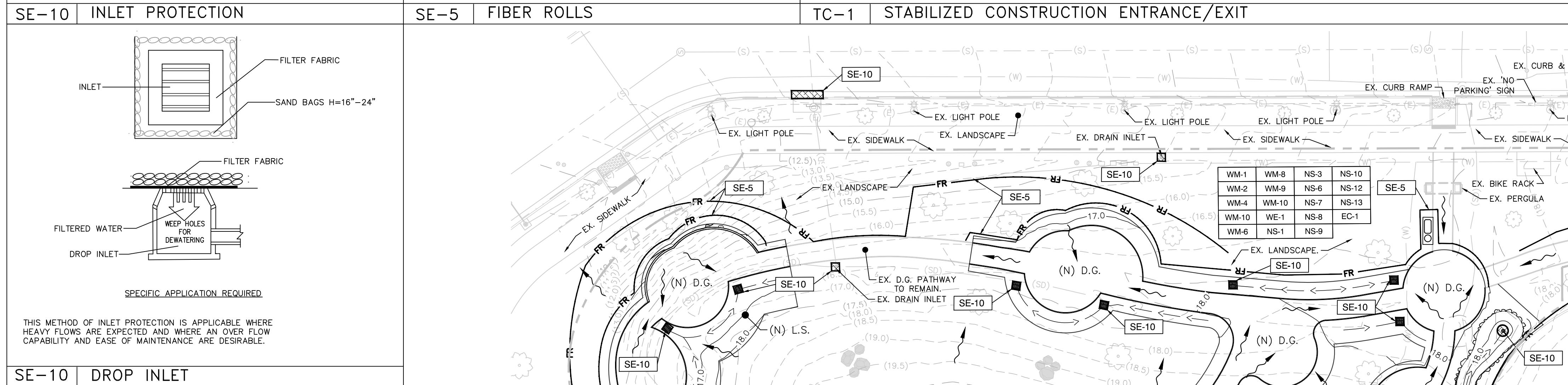
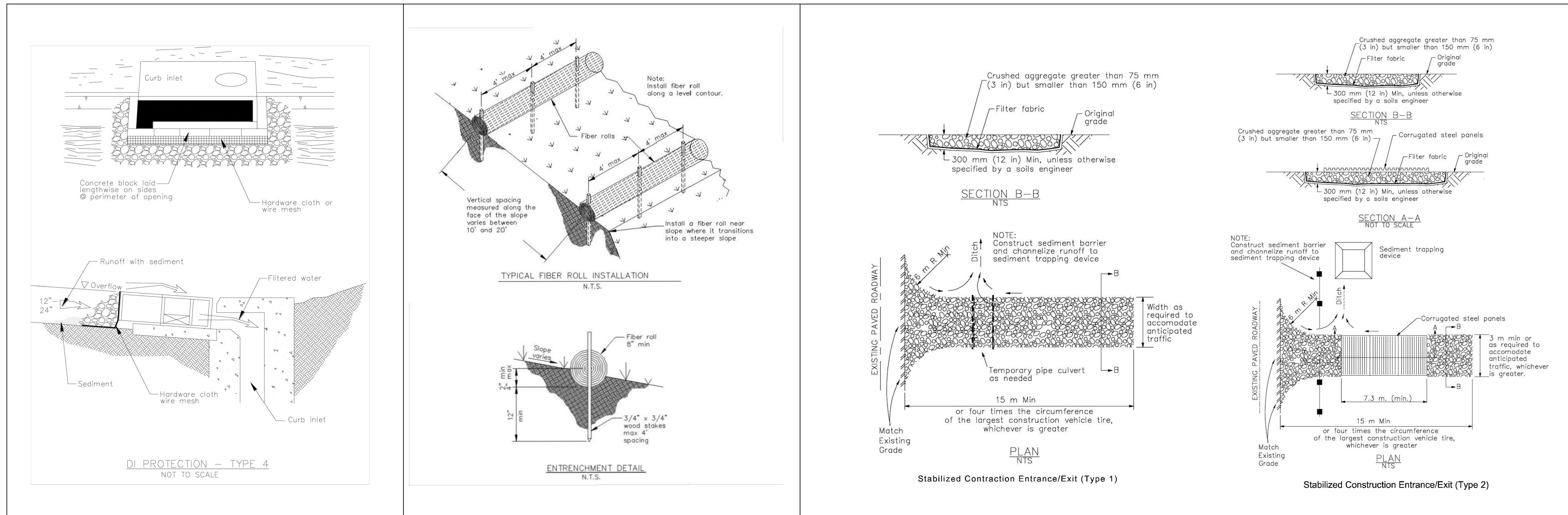
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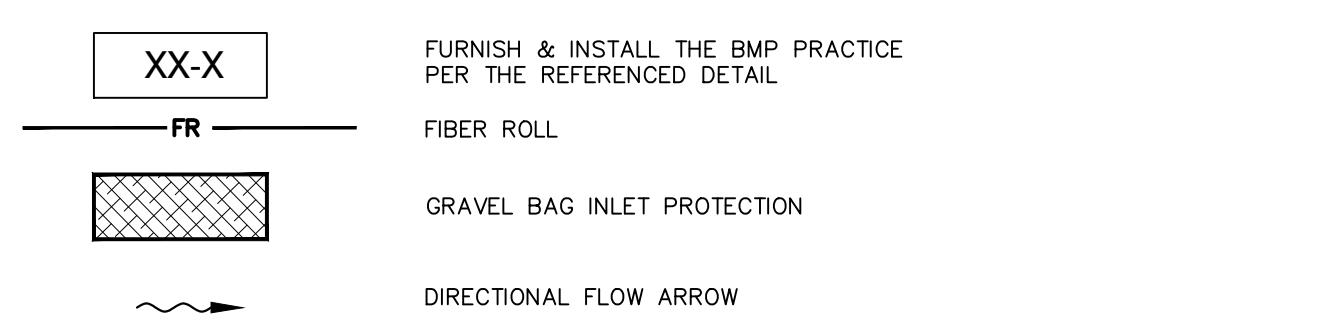
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REVISED: 12-18-2025





### LEGEND



### EROSION CONTROL NOTES

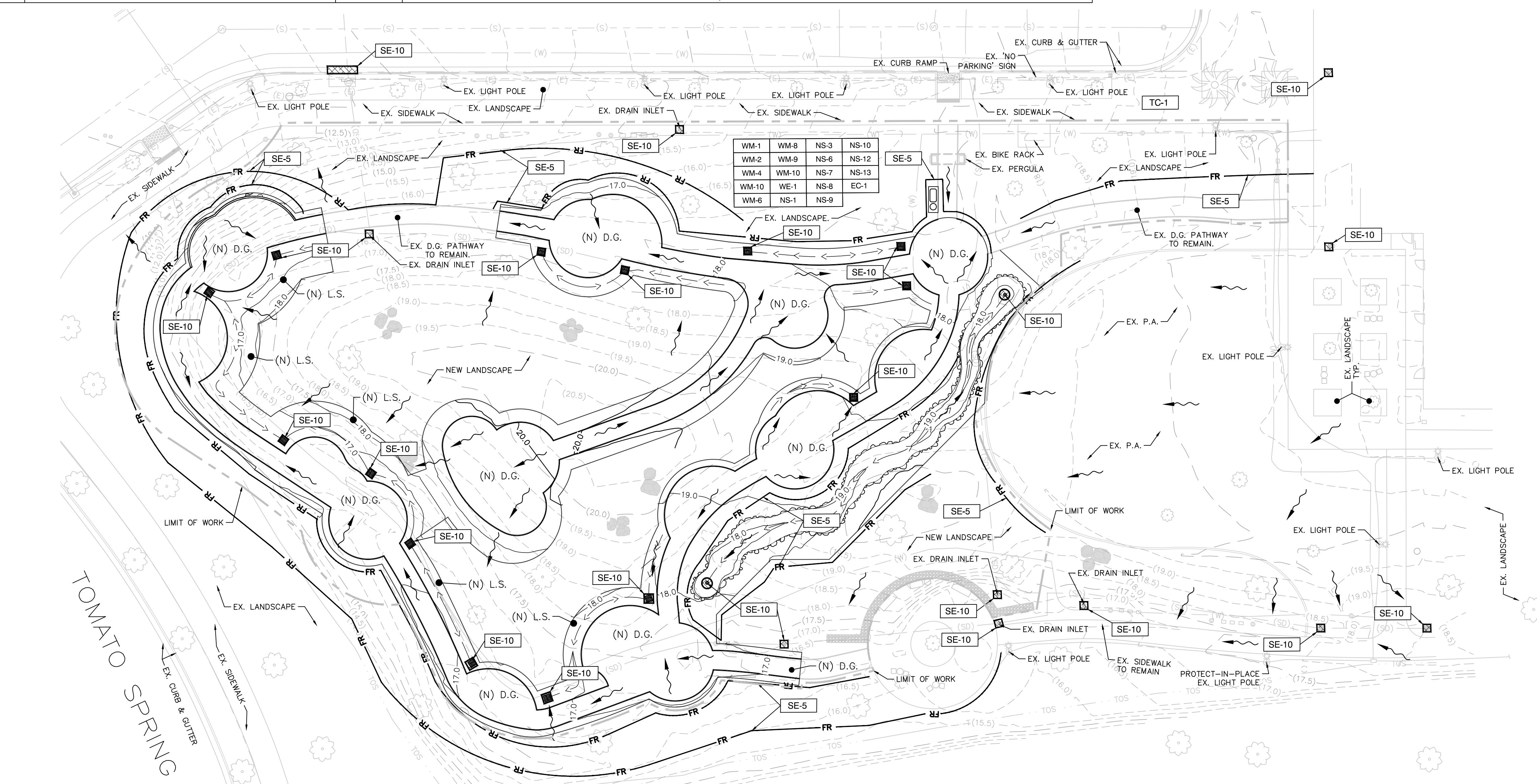
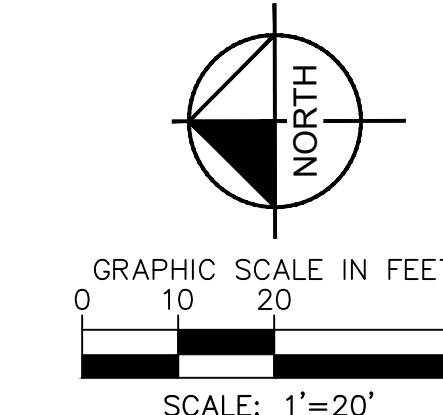
STORM WATER POLLUTION CONTROL REQUIREMENT FOR GRADING CONSTRUCTION. THE FOLLOWING BMP'S AS OUTLINED IN, BUT NOT LIMITED TO, THE CALIFORNIA STORMWATER QUALITY ASSOCIATION, MAY APPLY DURING THE CONSTRUCTION OF THE PROJECT.

THE BMP'S SHOWN ON THIS PLAN REPRESENT THE MINIMUM THAT SHALL BE REQUIRED. ADDITIONAL MEASURES MAY BE NECESSARY IF DEEMED APPROPRIATE BY FIELD ENGINEER.

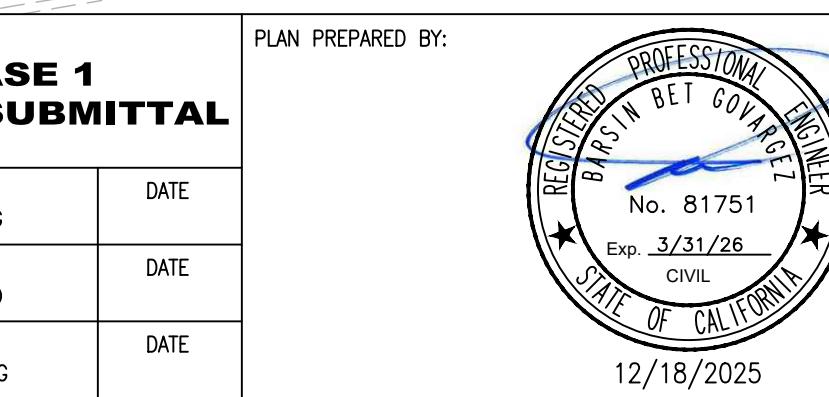
WM-1 : MATERIAL DELIVERY AND STORAGE	TC-1 : STABILIZED CONSTRUCTION ENTRANCE
WM-2 : MATERIAL USE	TC-3 : ENTRANCE/OUTLET TIRE WASH
WM-3 : STOCKPILE MANAGEMENT	
WM-4 : SILT PREVENTION AND CONTROL	EC-1 : SCHEDULING
WM-5 : SOIL SAVING	EC-2 : PRESERVATION OF EXISTING VEGETATION
WM-6 : HAZARDOUS WASTE MANAGEMENT	EC-3 : HYDROSEED
WM-8 : CONCRETE WASTE MANAGEMENT	
WM-9 : SANITARY/SEPTIC WASTE MANAGEMENT	
WM-10 : LIQUID WASTE MANAGEMENT	
WE-1 : WIND EROSION CONTROL	

SE-1 : SILT FENCE  
SE-5 : FIBER ROLLS  
SE-7 : STREET SWEEPING AND VACUUMING  
SE-10 : STORM DRAIN INLET PROTECTION

NS-1 : WATER CONSERVATION PRACTICES  
NS-3 : PAVING AND GRADING OPERATIONS  
NS-5 : ILLEGAL CONSTRUCTION DISCHARGE  
NS-7 : POTABLE WATER/IRIGATION  
NS-8 : VEHICLE AND EQUIPMENT CLEANING  
NS-9 : VEHICLE AND EQUIPMENT FUELING  
NS-10 : VEHICLE AND EQUIPMENT MAINTENANCE  
NS-12 : CONCRETE CURING  
NS-13 : CONCRETE FINISHING



PHASE 1 100% CD SUBMITTAL					
DRAWN BY:	MG	DATE			
DESIGNED BY:	MD	DATE			
CHECKED BY:	BBC	DATE			
NO.	DATE	REVISIONS	ENGR.	APPROV.	DATE



PLAN PREPARED BY:  
PORTOLA SPRINGS COMMUNITY PARK  
INDIGENOUS INTERPRETIVE SPACE - PHASE 1 CIP 372501  
CITY OF IRVINE  
PUBLIC WORKS & SUSTAINABILITY DEPARTMENT  
CIP NO.  
372501  
SHEET  
C600  
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PLAN CHECK NO.  
00961364-PARK

PERMIT NO.

CIP NO.  
372501  
SHEET  
C600  
9 of 22

SHEET REVISED: 12-18-2025

MASTER CONSTRUCTION LEGEND							
PAVING LEGEND							
CODE	DESCRIPTION	DETAIL/SHEET	MATERIAL / MODEL NO.	COLOR / FINISH	MANUFACTURER / SUPPLIER	REQUIRED SAMPLE/MOCKUP	REMARKS / COMMENTS
P-01	DECOMPOSED GRANITE PAVING WITH STABILIZER	A / L151	DECOMPOSED GRANITE	NEW CALIFORNIA GOLD	KRC ROCK OR APPROVED EQUAL (760) 744-1036	PROVIDE 4'X4' MOCKUP FOR REVIEW AND APPROVAL BY OWNER/LANDSCAPE ARCHITECT	INSTALL PER MANUFACTURER'S RECOMMENDATIONS
			EDGE: RED WOOD HEADER SIZE: 2"x6"	N/A	N/A		
P-02	STEPPING STONE AND BRIDGE	A & B / L152	STEPPING STONE: AUTUMN GOLD FLAGSTONE SIZE: APPROX. 3' x 4'. 1 1/2" - 2" THICKNESS	AUTUMN GOLD	KRC ROCK OR APPROVED EQUAL (760) 744-1036	N / A	LOCATE STEPPING STONE AND BRIDGE PER PLAN
			BRIDGE: ARIZONA BUFF BENCH BOULDER SIZE: APPROX. 9' LENGTH. 9" THICKNESS	NATURAL BEIGE, PINK, AND BUFF TONES	SOUTHWEST BOULDER & STONE (562) 294-0084		
P-03	DRY CREEK RIP RAP	B / L151	PEBBLE: ARIZONA ROCK SIZE: 1.5" TO 3" (INNER FIELD), 3" TO 8" (OUTER EDGE)	ASSORTED MAUVES, TAN, GRAYS, AND GREENS	SOUTHWEST BOULDER & STONE (562) 294-0084	N / A	LOCATE BOULDERS PER THE DIRECTION OF LANDSCAPE ARCHITECT.
P-04	PEDESTRIAN CONCRETE PAVING	E / L151	POUR IN PLACE CONCRETE	NATURAL GRAY - TOPCAST #3 ACID ETCH	N / A	N / A	SWALLOUTS INTO TYPICAL PERMANENT

ITEM NUMBER		ITEM DESCRIPTION		ITEM SPECIFICATIONS		ITEM QUANTITY		ITEM PRICE		ITEM TOTAL	
<b>SITE ELEMENT LEGEND</b>											
CODE	DESCRIPTION	DETAIL/SHEET	QTY.	MATERIAL / MODEL NO.	COLOR / FINISH / PATTERN	MANUFACTURER/ SUPPLIER	REQUIRED SAMPLE/MOCKUP	REMARKS / COMMENTS			
S-01	STONE SEATING	C / L152	6	ARIZONA BUFF BENCH BOULDER SIZE: 6'	NATURAL BEIGE, PINK, AND BUFF TONES	SOUTHWEST BOULDER & STONE (562) 294-0084	N/A	BURIED TO APPROX. 18" ABOVE FINISH SURFACE			
S-02	PICNIC SEATING AREA	C, D / L151	3	PICNIC TABLE: #443-558-1/S-2	BLACK	DUMOR, INC (800) 598-4018	N/A	INSTALL PER MANUFACTURER'S RECOMMENDATIONS			

BOULDER LEGEND								
CODE	DESCRIPTION	DETAIL/ SHEET	QTY	COLOR / FINISH	MANUFACTURER / SUPPLIER	REMARKS / COMMENTS	LEAD TIME	
A	3' DIA. LANDSCAPE BOULDER	E / L151	26	SHADES OF GRAY COMBINED WITH GOLDEN TAN AND BEIGE	SOUTHWEST BOULDER ERIKA TREPTOW (714) 882-1010	LOCATE BOULDERS PER THE DIRECTION OF LANDSCAPE ARCHITECT.	WEEKS - TBD	
B	5' DIA. LANDSCAPE BOULDER		27					

## CONSTRUCTION NOTES

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- 1. ALL ACCESSIBILITY REFERENCES SHALL COMPLY TO "CALIFORNIA TITLE 24" REQUIREMENTS.
- 2. ALL WOOD IN CONTACT WITH GRADE, CONCRETE, OR MASONRY MUST BE TREATED, U.N.O.
- 3. ENSURE THAT FINE GRADES HAVE BEEN SET CORRECTLY PRIOR TO INSTALLING WALKS, FOOTINGS, WALLS, AND OTHER STRUCTURES.
- 4. CONFORM WORK TO REQUIREMENTS OF LATEST ADOPTED EDITION OF UNIFORM BUILDING CODE AND OTHER APPLICABLE LOCAL AND STATE CODES, ORDINANCES AND REGULATIONS.
- 5. WHERE CONFLICTS OCCUR BETWEEN GENERAL CONSTRUCTION NOTES, DRAWINGS, SPECS AND ACTUAL FIELD CONDITIONS, NOTIFY OWNER'S AUTHORIZED REPRESENTATIVE FOR CLARIFICATION. FAILURE TO PROVIDE SUCH NOTIFICATION MAY MAKE CONTRACTOR LIABLE FOR COSTS INCURRED TO RECTIFY THE DISCREPANCY.
- 6. THE CONTRACTOR SHALL NOT WILLFULLY PROCEED WITH CONSTRUCTION OPERATIONS WHEN IT IS OBVIOUS THAT UNKNOWN OBSTRUCTIONS AND GRADE DIFFERENCES EXIST THAT MAY NOT HAVE BEEN KNOWN DURING THE DESIGN PROCESS. THE CONTRACTOR SHALL IMMEDIATELY BRING SUCH CONDITIONS TO THE ATTENTION OF OWNER'S AUTHORIZED REPRESENTATIVE FOR RESOLUTION. THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR COSTS INCURRED AND REQUIRED MODIFICATIONS DUE TO LACK OF PROVIDING SUCH NOTIFICATION.
- 7. COORDINATE WITH OTHER CONTRACTORS' WORK TO PROPERLY EXECUTE CONTRACTOR'S WORK.
- 8. ENSURE THAT DRAIN LINES, ELECTRICAL CONDUITS, SLEEVES, ETC., ARE IN PLACE PRIOR TO INSTALLATION OF PAVING AND WALLS.
- 9. REPLACE OR REPAIR EXISTING MATERIALS (PROVIDE LIKE FOR LIKE) THAT ARE DAMAGED BY CONTRACTOR DURING CONSTRUCTION OPERATIONS.
- 10. VERIFY PROPERTY AND LIMIT-OF-WORK LINES PRIOR TO COMMENCING WORK.
- 11. THE CONTRACTOR SHALL BE RESPONSIBLE TO CONSULT WITH SITE SUPERINTENDENT AND DRAWINGS FOR VERIFYING LOCATIONS OF UNDERGROUND UTILITIES, PIPES, AND RELATED STRUCTURES. THE CONTRACTOR SHALL TAKE SOLE RESPONSIBILITY FOR COSTS INCURRED DUE TO DAMAGE OF EXISTING AND/OR NEWLY INSTALLED UTILITIES.
- 12. CONTRACTOR SHALL REFER TO MASTER CONSTRUCTION LEGEND FOR COLOR, FINISHES, TYPES AND MANUFACTURER REQUIREMENTS.
- 13. CONFORM TO CITY OF IRVINE PARK/PUBLIC FACILITY STANDARDS AND CITY OF IRVINE LANDSCAPE MANUAL AND STANDARDS PLANS.

PLAN CHECK NO. 66661734 PARK

PERMIT NO

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NO.	DATE	REVISIONS	ENGR.	APPROV.	DATE		

# **PORTOLA SPRINGS COMMUNITY PARK INDIGENOUS INTERPRETIVE SPACE -PHASE 1 CIP 372501**

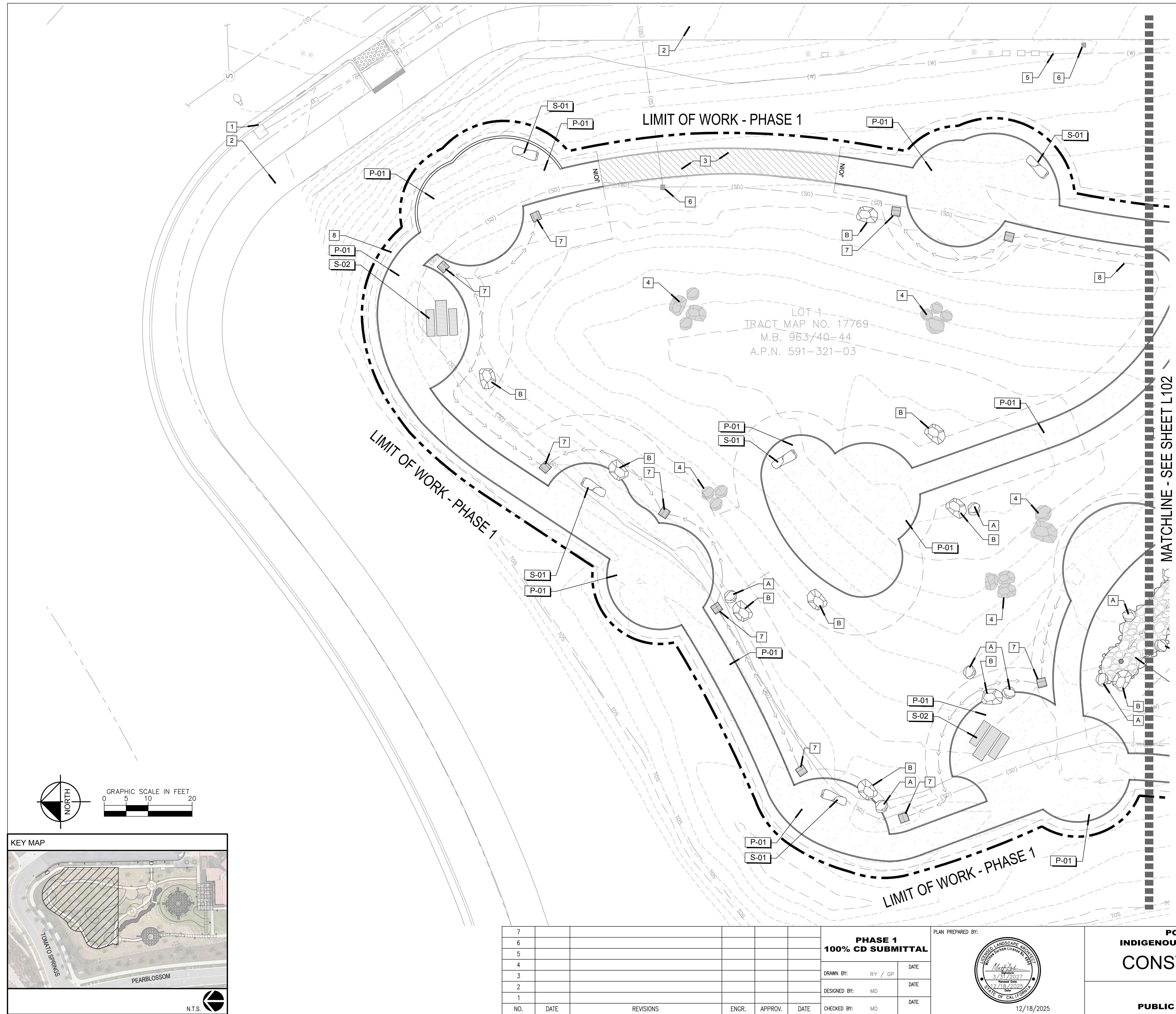
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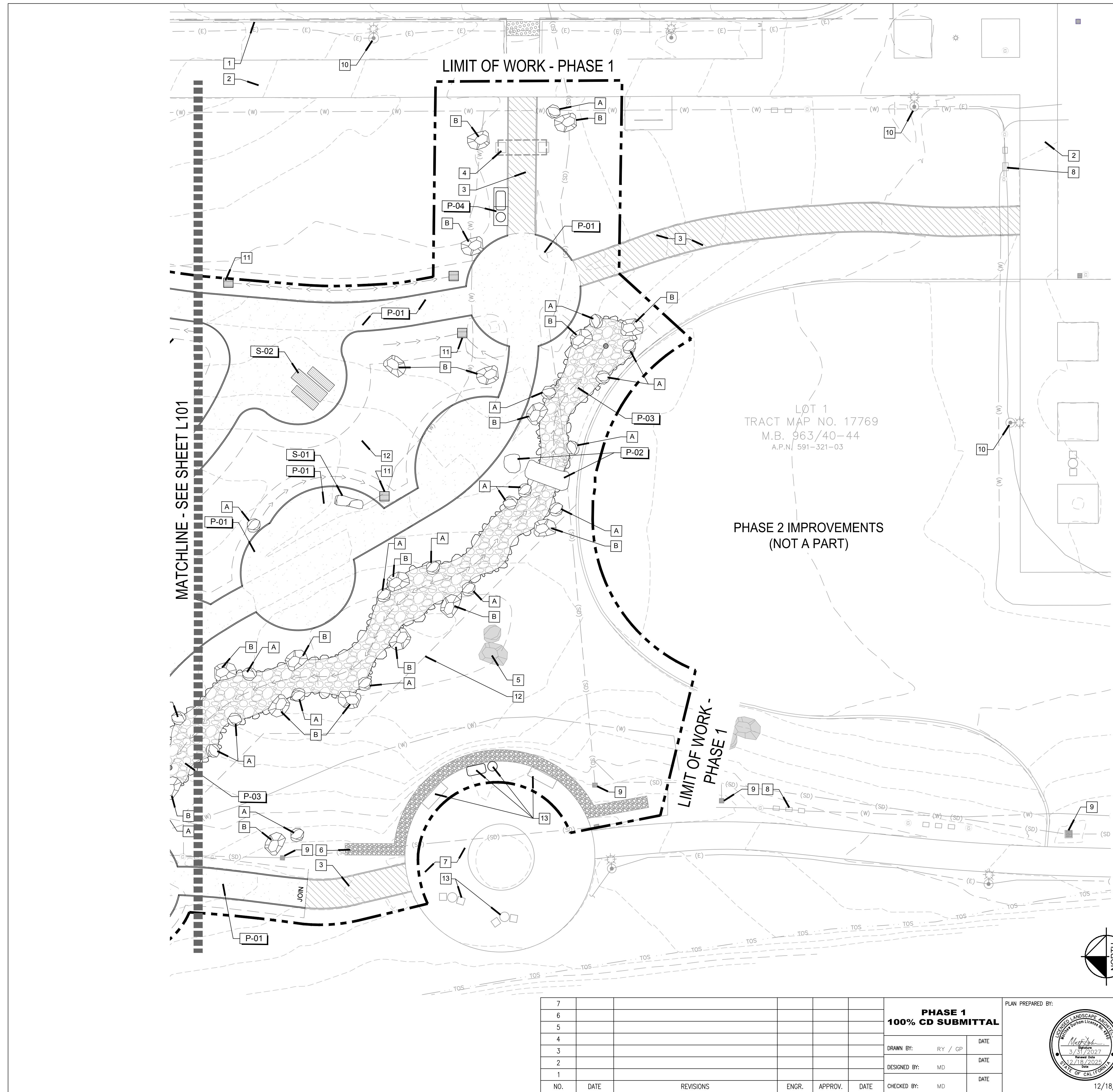
## PUBLIC WORKS & SUSTAINABILITY DEPARTMENT

CIP NO.  
370501

SHEET  
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## MASTER CONSTRUCTION LEGEND

PAVING LEGEND		
CODE	DESCRIPTION	DETAIL/ SHEET
P-01	DECOMPOSED GRANITE PAVING WITH STABILIZER	A / L151
P-02	STEPPING STONE AND BRIDGE	A & B / L152
P-03	DRY CREEK RIP RAP	B / L151
P-04	PEDESTRIAN CONCRETE PAVING	F / L151

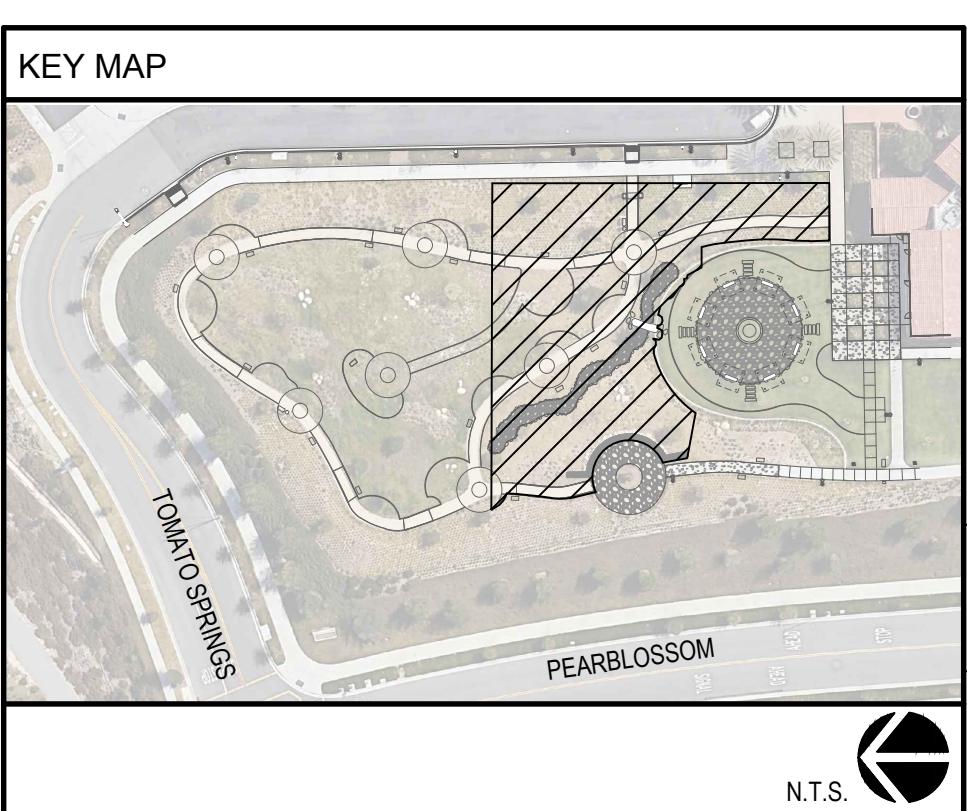
SITE ELEMENT LEGEND		
CODE	DESCRIPTION	DETAIL/ SHEET
S-01	STONE SEATING	C / L152
S-02	PICNIC SEATING AREA	C, D / L151

BOULDER LEGEND		
CODE	DESCRIPTION	DETAIL/ SHEET
A	3' DIA. LANDSCAPE BOULDER	E / L151
B	5' DIA. LANDSCAPE BOULDER	17

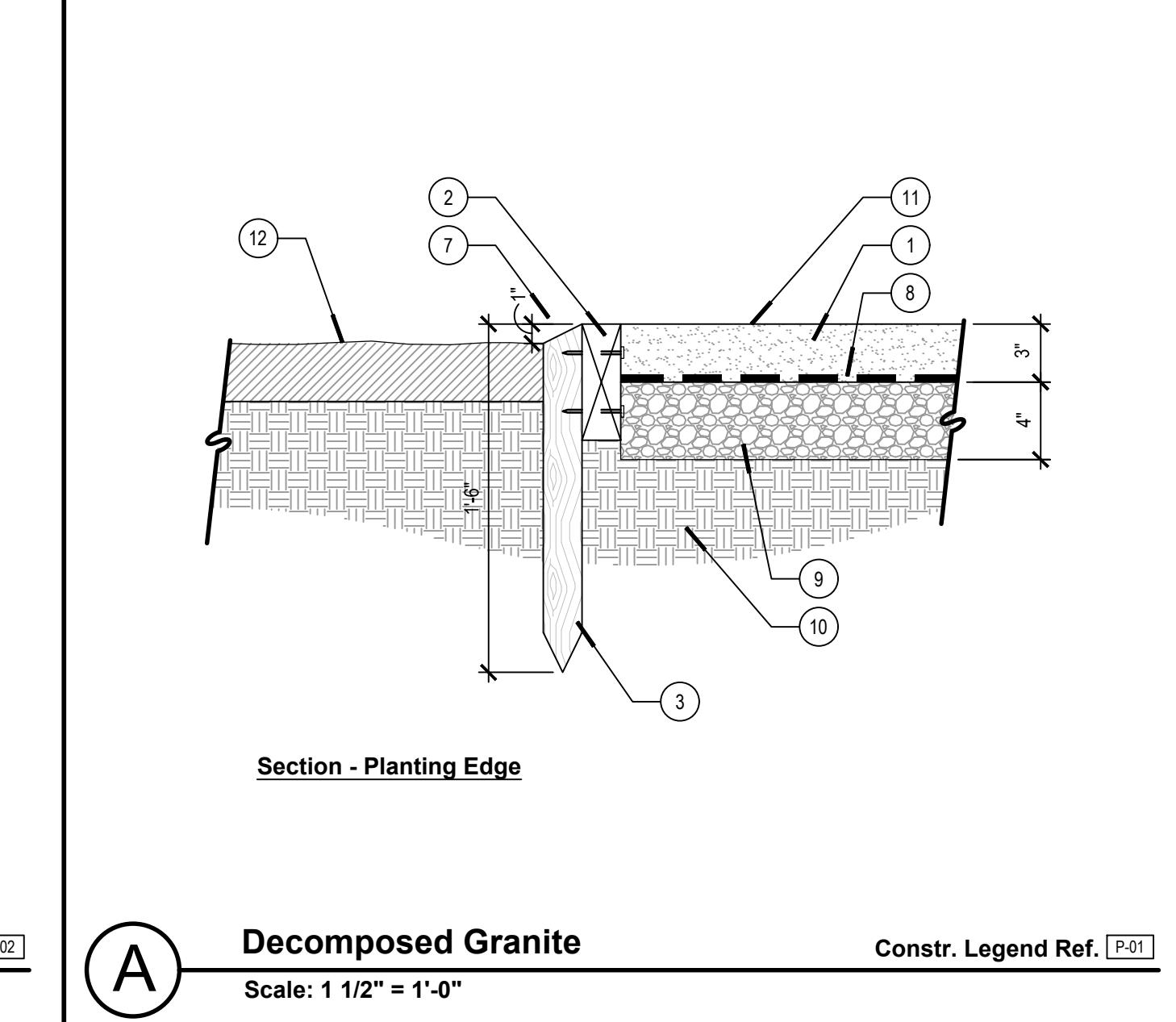
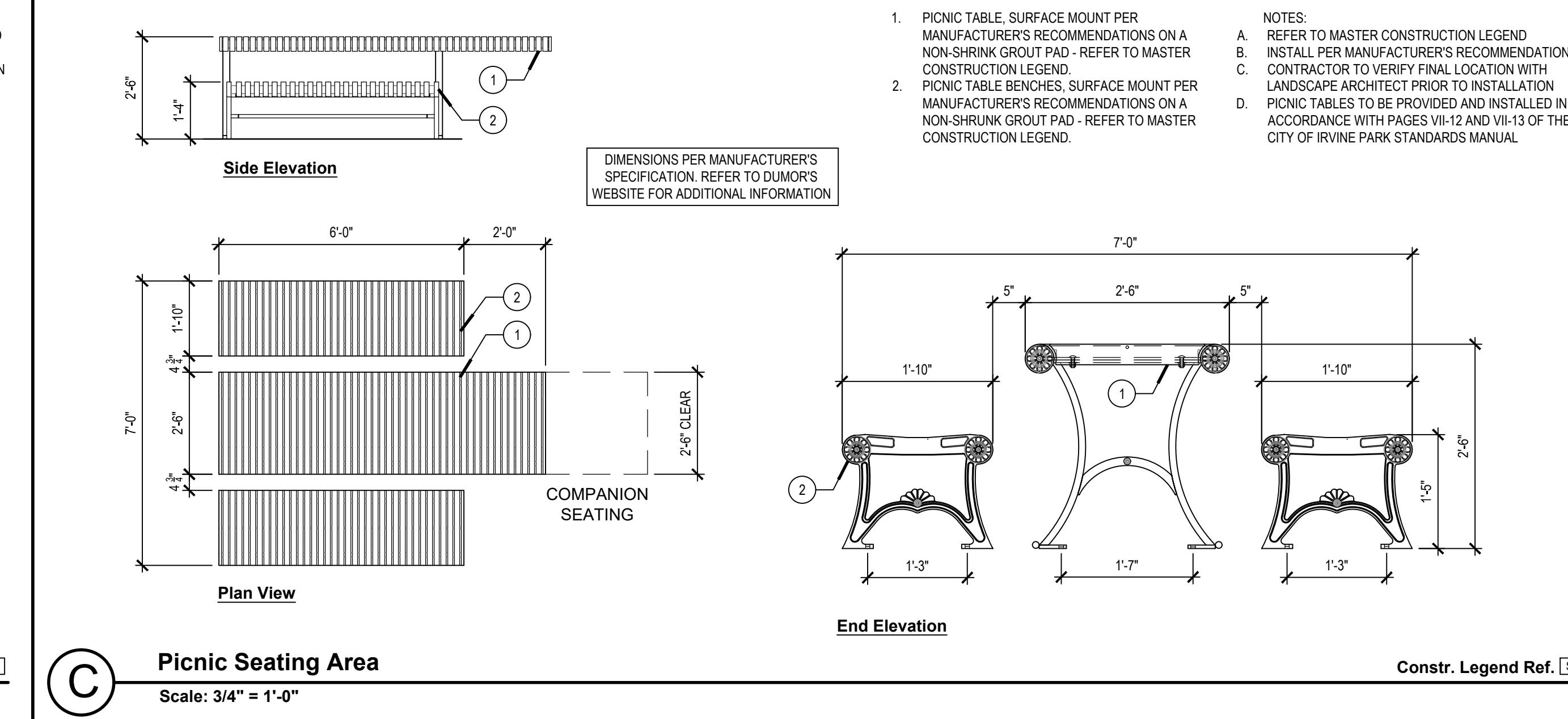
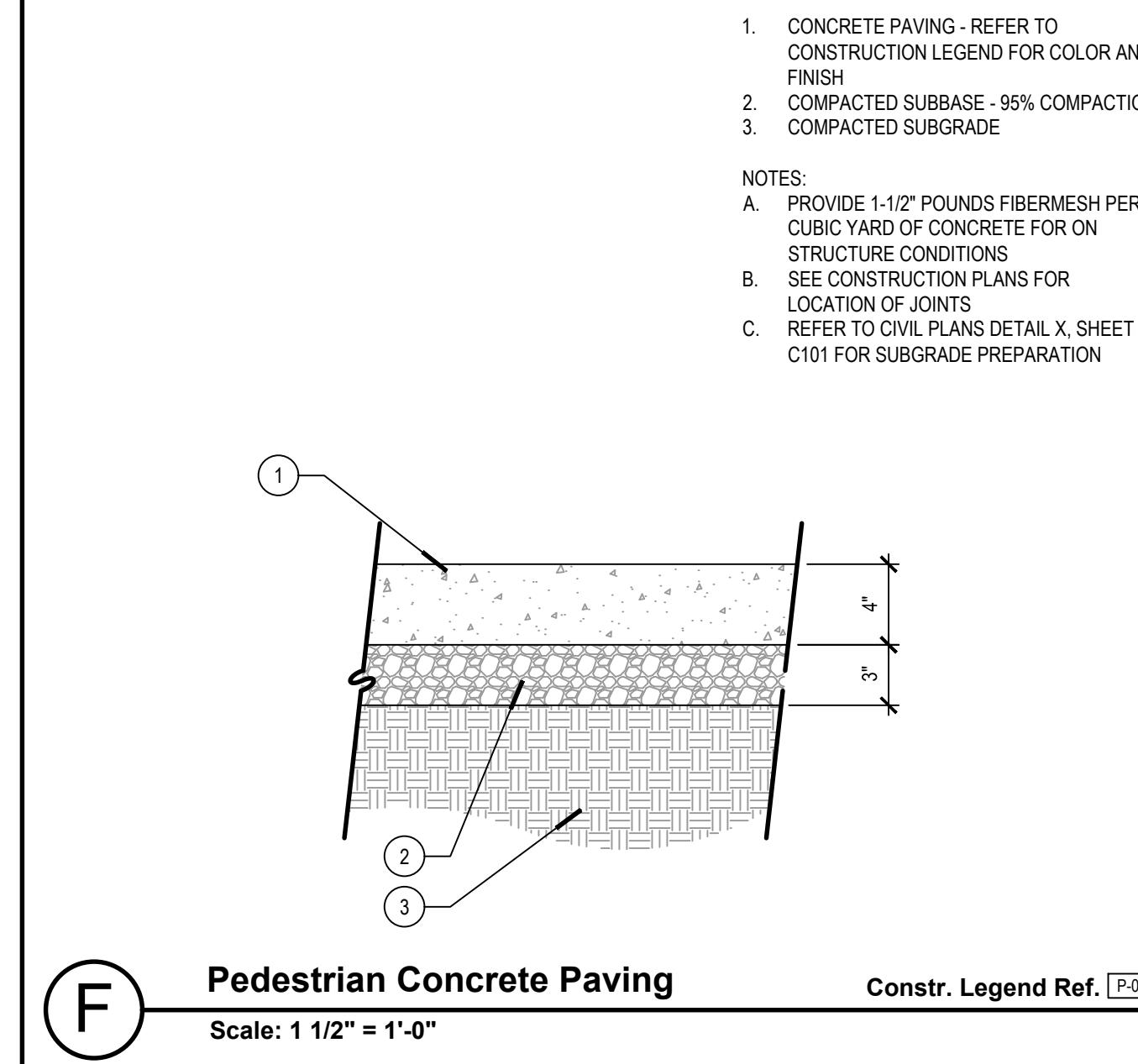
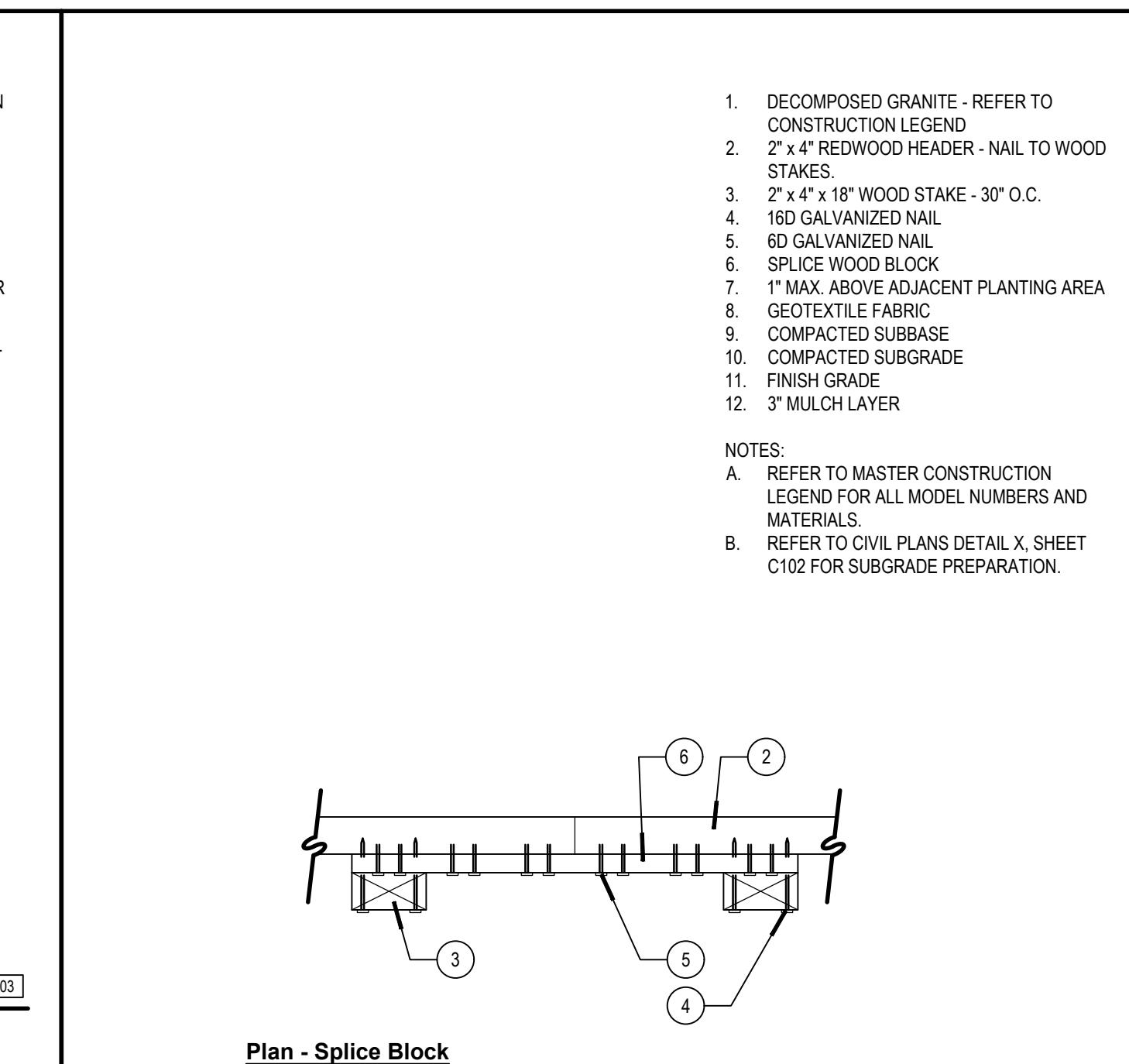
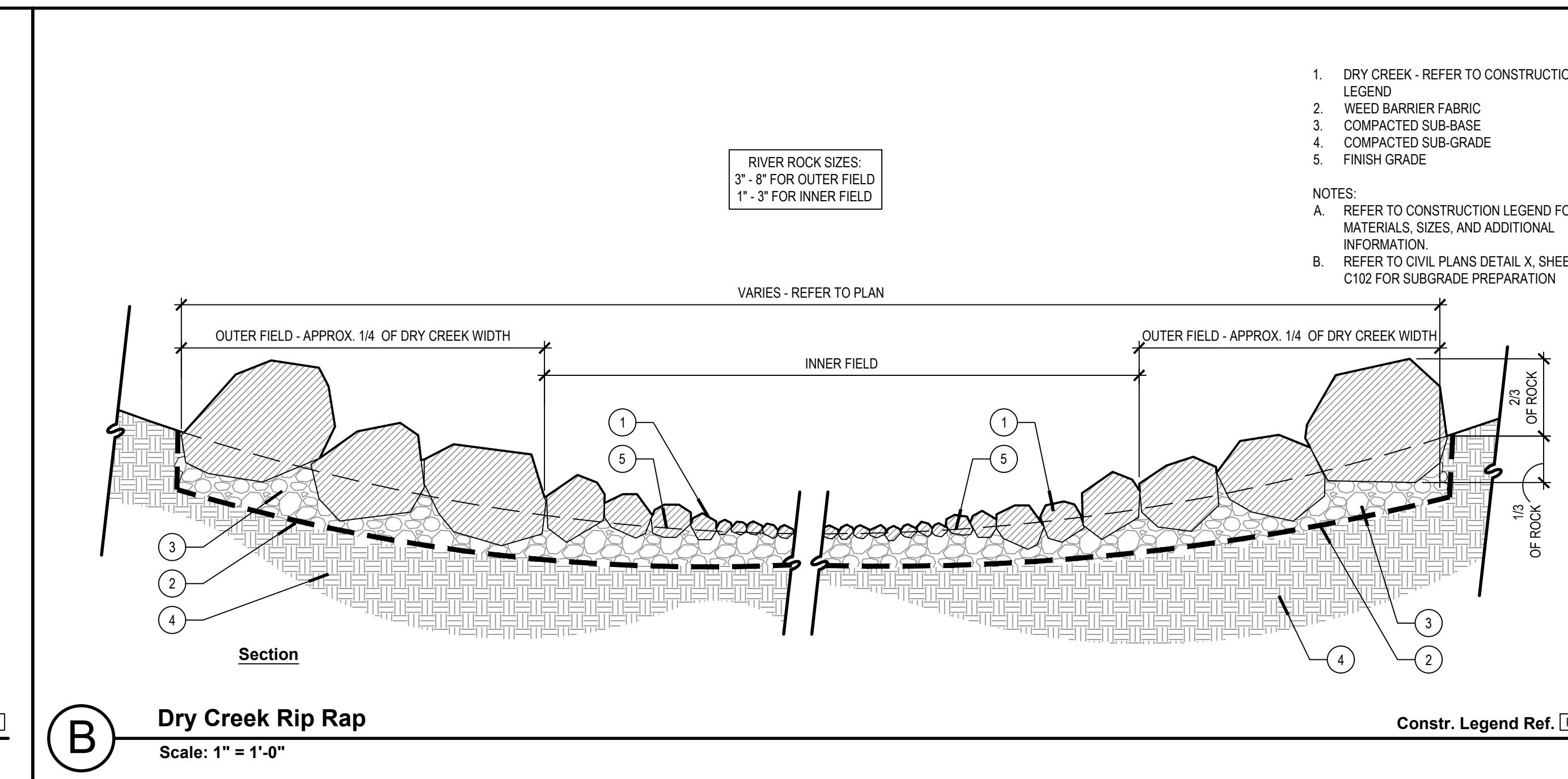
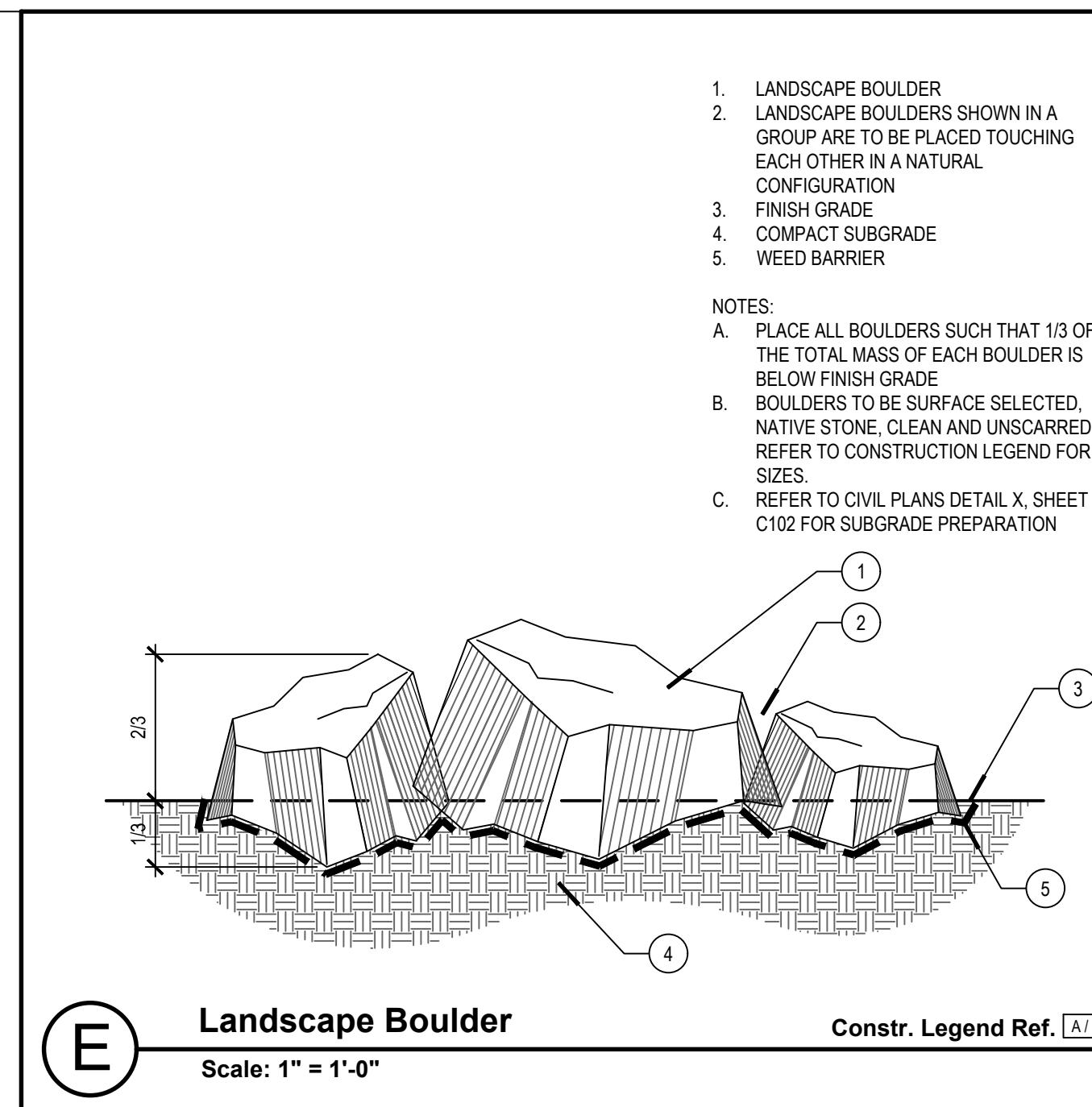
REFERENCE KEY NOTE LEGEND		
CODE	DESCRIPTION	
1	EXISTING CURB AND GUTTER	
2	EXISTING SIDEWALK	
3	EXISTING DECOMPOSED GRANITE PAVING AND REDWOOD HEADER	
4	EXISTING ENTRY GATEWAY PORTAL	
5	EXISTING LANDSCAPE BOULDERS	
6	EXISTING ROCK OUTCROPPING	
7	EXISTING FLAGSTONE PAVING	
8	EXISTING IRRIGATION CONTROL VALVE / EQUIPMENT	
9	EXISTING STORM DRAIN	
10	EXISTING LIGHT FIXTURE	
11	STORM DRAIN - PER CIVIL ENGINEER'S PLAN	
12	DEMOLITION LIMIT OF WORK - PER CIVIL ENGINEER'S PLAN	
13	EXISTING SITE FURNITURE	



CIP NO.  
372501

SHEET  
L102

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NO.	DATE	REVISIONS	ENGR.	APPROV.	DATE	DRAWN BY:	RY / GP	DATE	DESIGNED BY:	MD	DATE	CONSTRUCTION DETAILS	SHEET	L151		
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						12/18/2025	12/18/2025	12/18/2025	12/18/2025	12/18/2025	12/18/2025					
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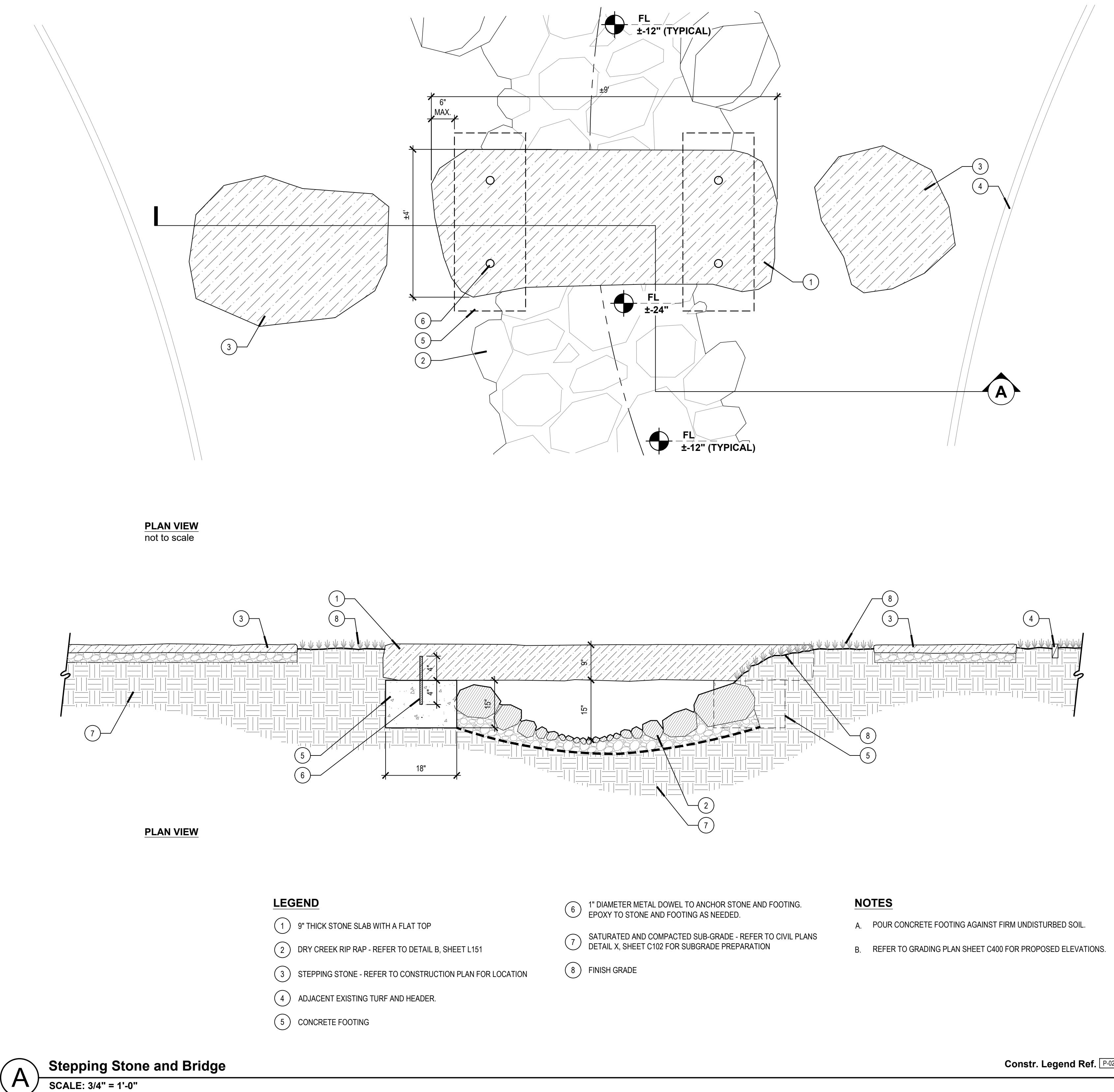
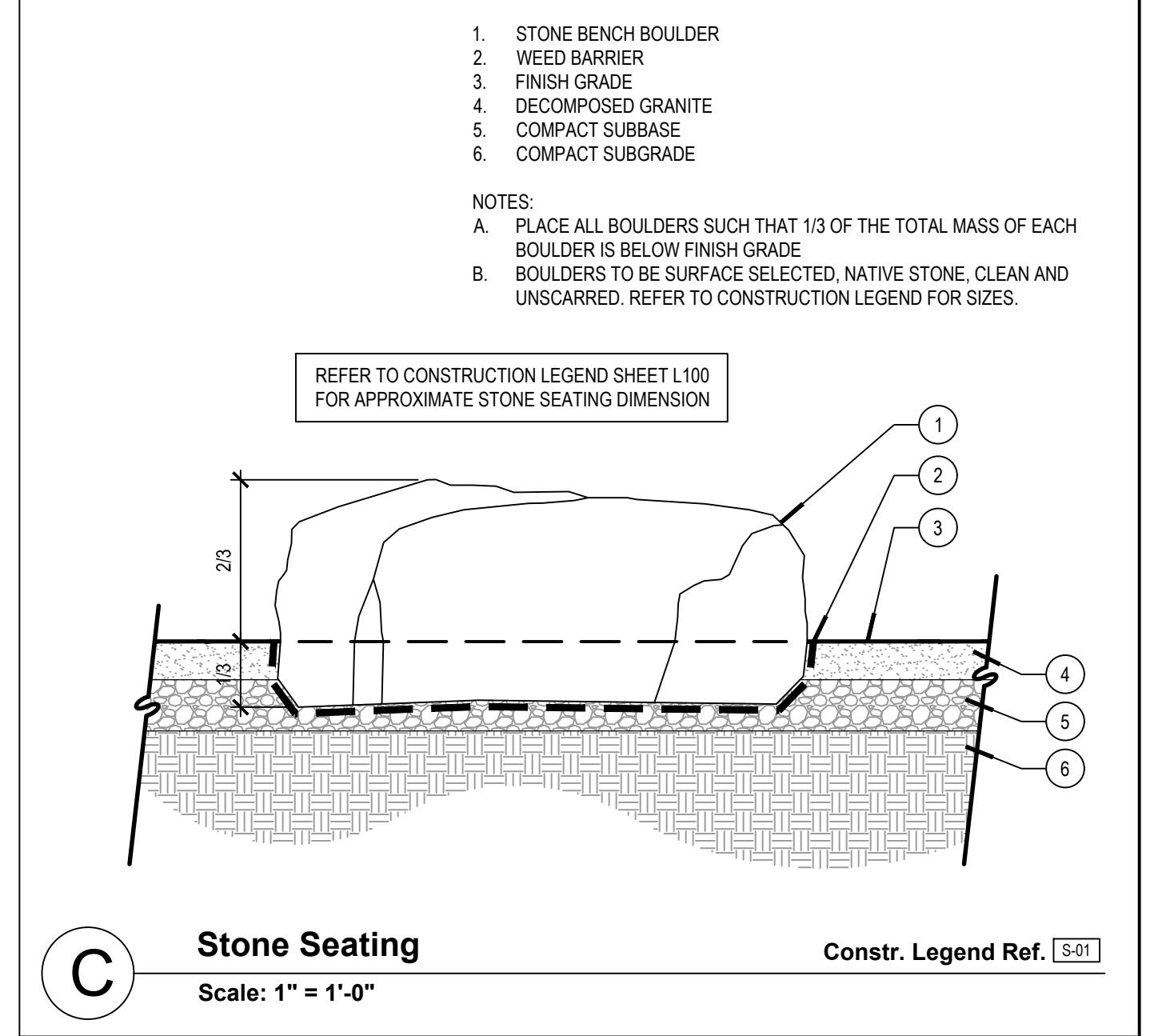
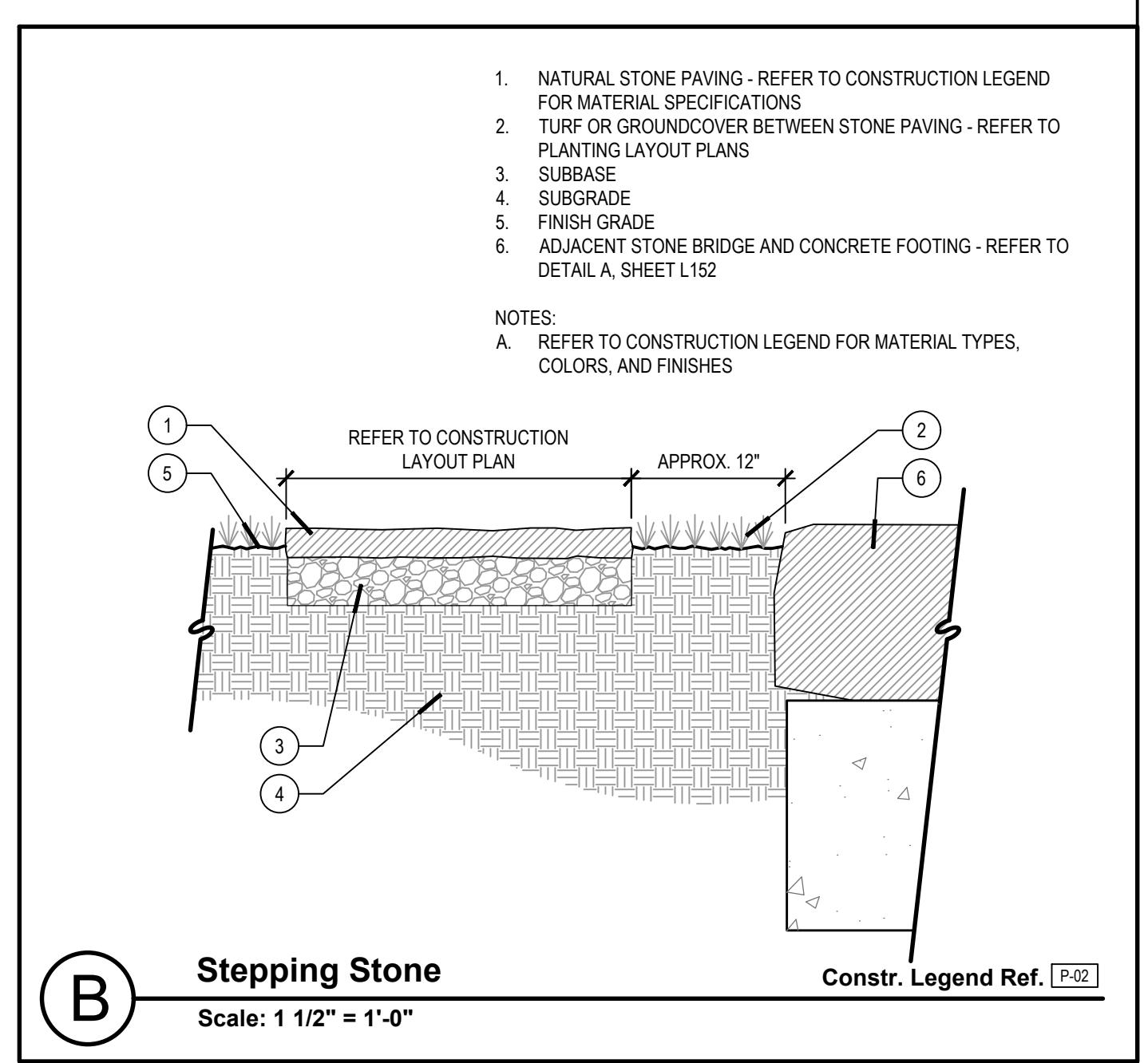
PLAN CHECK NO.  
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SHEET REVISED: 12-18-2025

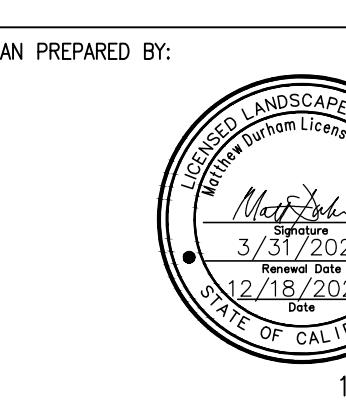


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**PHASE 1  
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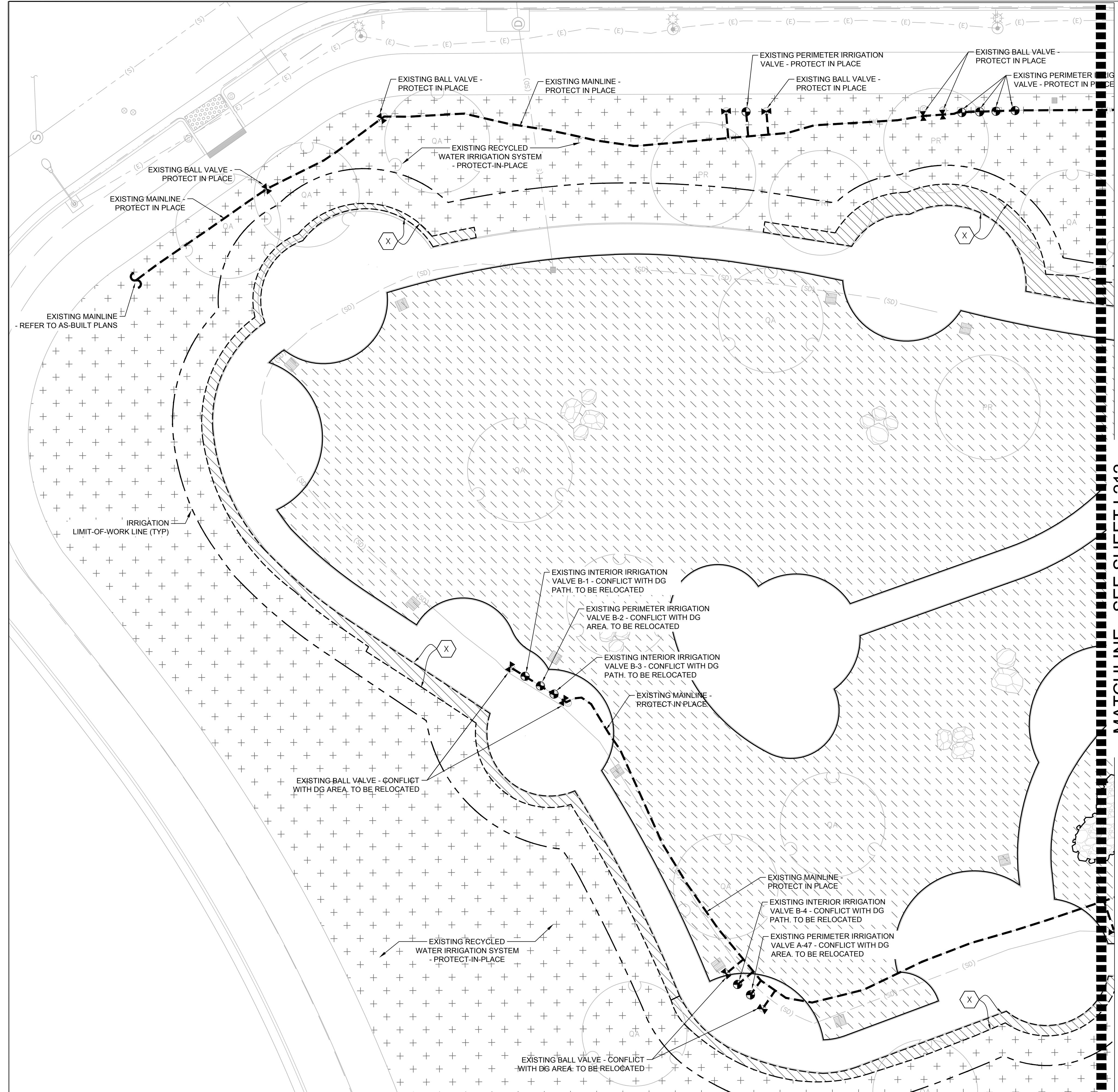
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12/18/2025



**PORTOLA SPRINGS COMMUNITY PARK  
INDIGENOUS INTERPRETIVE SPACE - PHASE 1 CIP 372501**  
**CONSTRUCTION DETAILS**  
**CITY OF IRVINE**  
**PUBLIC WORKS & SUSTAINABILITY DEPARTMENT**

PLAN CHECK NO.  
 00961364-PARK  
 PERMIT NO.  
 CIP NO.  
 372501  
 SHEET  
 L152  
 14 of 22  
 SHEET REVISED: 12-18-2025



#### ADJUST EXISTING PERIMETER IRRIGATION SCOPE

CONTRACTOR SHALL PATCH AND REPAIR EXISTING RECYCLED WATER IRRIGATION SYSTEM(S) DAMAGED BY THIS WORK THROUGHOUT THE EXISTING LANDSCAPE AREAS ADJACENT TO THE PROJECT'S LIMITS OF CONSTRUCTION. LIMITS SHOWN HERE FOR BIDDING PURPOSES ONLY AND ACTUAL FIELD CONDITIONS MAY REQUIRE ADDITIONAL ATTENTION BEYOND WHAT IS SHOWN. SCOPE OF WORK SHALL INCLUDE ALL LABOR AND MATERIALS TO REPAIR/REPLACE/ADJUST EXISTING IRRIGATION AS NEEDED TO PROVIDE FULL COVERAGE THROUGHOUT. CONTRACTOR MAY SALVAGE EXISTING MATERIAL AND RELOCATE THEM IN PLACE TO ALIGN WITH EDGES OF NEW LANDSCAPE AREAS OR ALLOW FOR INSTALLATION OF NEW PLANT MATERIAL. CONTRACTOR SHALL PROVIDE AND INSTALL NEW EQUIPMENT AS NEEDED TO RETURN EXISTING IRRIGATION SYSTEM(S) TO FULLY OPERATIONAL CONDITION. PROVIDE (2) NEW BUBBLERS WHERE NEW TREES ARE PROPOSED WITHIN EXISTING RECYCLED WATER IRRIGATION SYSTEM AND CONNECT TO EXISTING BUBBLER SYSTEM ADJACENT. PROVIDE MATCHING EQUIPMENT, MATCHING LIKE FOR LIKE. PROVIDE COMPLETE IRRIGATION SHOP DRAWINGS FOR REVIEW AND APPROVAL. SHOP DRAWINGS SHALL DEMONSTRATE PROPOSED IRRIGATION ADJUSTMENTS AND CONNECTIONS TO EXISTING CONTROL VALVES AND/OR ANY EXISTING LATERALS THAT WERE CAPPED DURING DEMOLITION OPERATIONS.

#### EXISTING RECYCLED WATER IRRIGATION SYSTEM

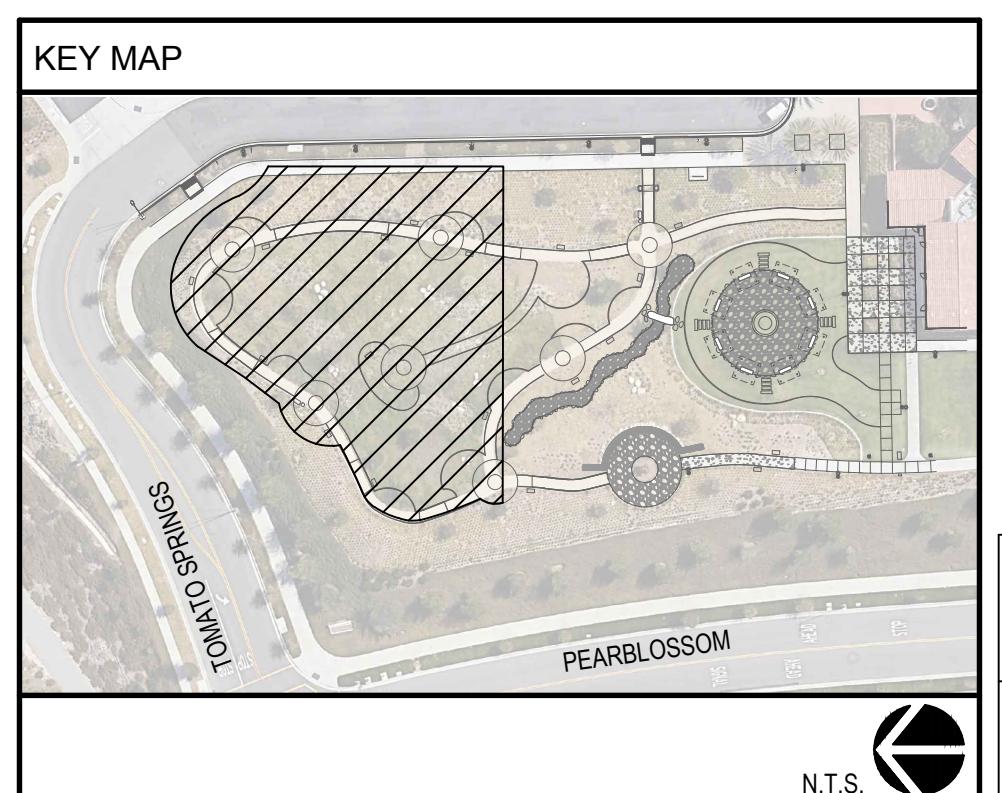
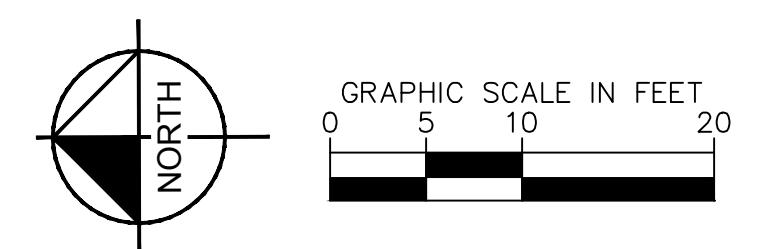
EXISTING RECYCLED WATER IRRIGATION SYSTEM TO REMAIN,  
 PROTECT-IN-PLACE UNLESS NOTED OTHERWISE.

#### EXISTING INTERIOR IRRIGATION SYSTEM

CONTRACTOR SHALL CAP ALL INTERIOR IRRIGATION CONTROL VALVES. ALL INTERIOR PLANTING AREAS SHALL BE HAND WATERED DURING THE PLANT ESTABLISHMENT PERIOD.

#### IRRIGATION NOTES

1. ALL LOCAL, MUNICIPAL AND STATE LAWS ARE HEREBY INCORPORATED INTO THESE PLANS AND SHALL BE CARRIED OUT BY THE CONTRACTOR.
2. IT IS THE CONTRACTOR'S RESPONSIBILITY TO SECURE ANY AND ALL PERMITS REQUIRED TO PERFORM THEIR SCOPE OF WORK.
3. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATIONS OF ALL EXISTING UTILITIES WITHIN THE LIMIT OF WORK PRIOR TO COMMENCING ANY WORK. LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE AND THE LANDSCAPE ARCHITECT MAKES NO GUARANTEES ABOUT THEIR ACTUAL LOCATIONS. NOTIFY THE OWNER'S AUTHORIZED REPRESENTATIVE IN THE EVENT DISCREPANCIES ARE FOUND BETWEEN THE PLANS AND CONDITIONS IN THE FIELD.
4. THE IRRIGATION DESIGN SHOWN HEREIN IS DIAGRAMMATIC AND SHOWN FOR GRAPHIC CLARITY ONLY. ALL MAINLINE, SLEEVING, VALVES, ETC. SHALL BE INSTALLED WITHIN THE LIMIT OF WORK AND LOCATED IN LANDSCAPE AREAS WHERE EVER POSSIBLE. CONTRACTOR WILL BE EXPECTED TO MAKE ADJUSTMENTS IN THE FIELD TO AVOID CONFLICTS WITH PROPOSED PLANTING AND ARCHITECTURAL IMPROVEMENTS.



PLAN CHECK NO.  
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PHASE 1 100% CD SUBMITTAL					
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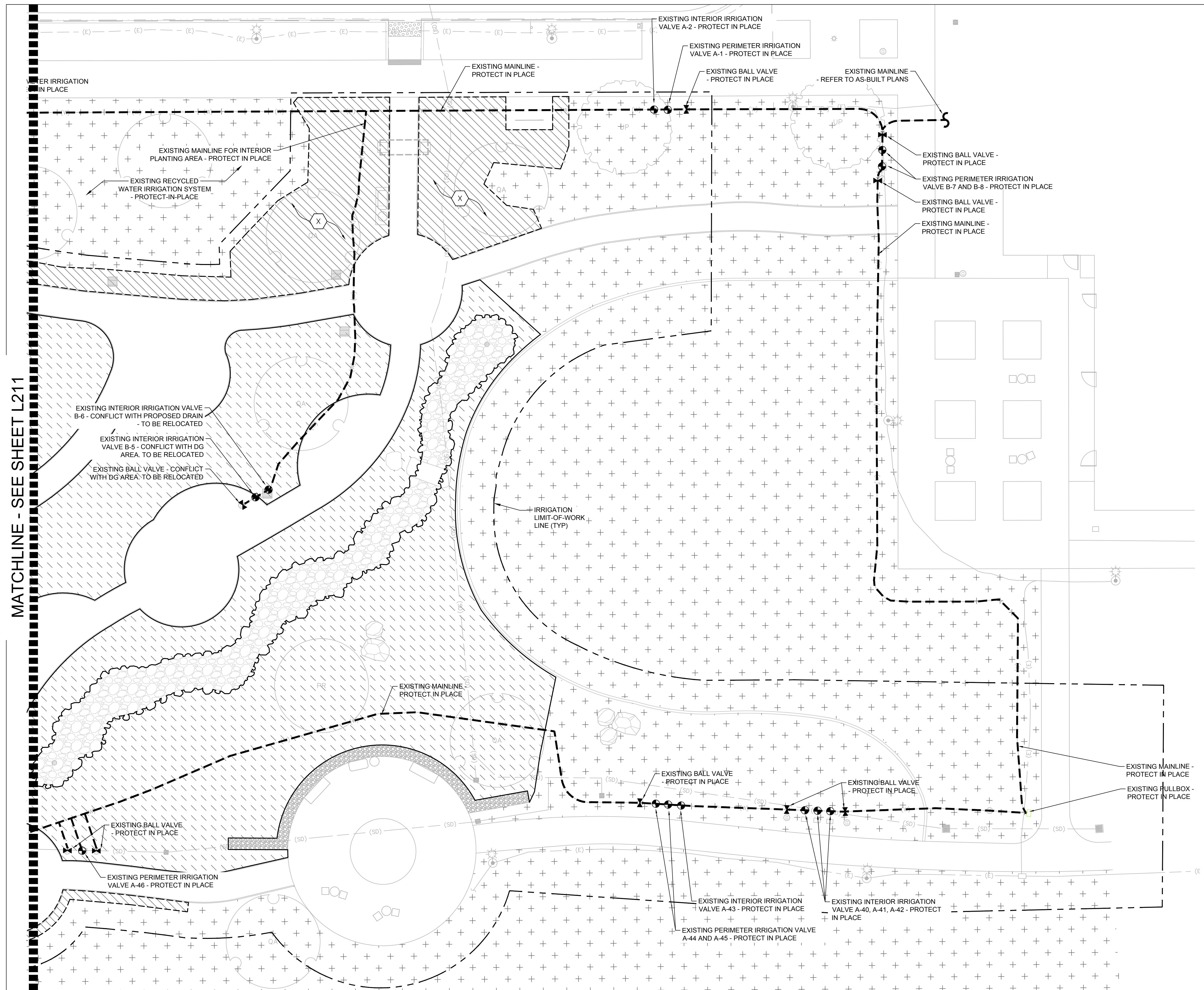
PORTOLA SPRINGS COMMUNITY PARK  
INDIGENOUS INTERPRETIVE SPACE - PHASE 1 CIP 372501  
IRRIGATION PLAN  
CITY OF IRVINE  
PUBLIC WORKS & SUSTAINABILITY DEPARTMENT

CIP NO.  
372501

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**ADJUST EXISTING PERIMETER IRRIGATION SCOPE**

**CONTRACTOR SHALL PATCH AND REPAIR EXISTING RECYCLED WATER IRRIGATION SYSTEM(S) DAMAGED BY THIS WORK THROUGHOUT THE EXISTING LANDSCAPE AREAS ADJACENT TO THE PROJECT'S LIMITS OF CONSTRUCTION. LIMITS SHOWN HERE FOR BIDDING PURPOSES ONLY AND ACTUAL FIELD CONDITIONS MAY REQUIRE ADDITIONAL ATTENTION BEYOND WHAT IS SHOWN. SCOPE OF WORK SHALL INCLUDE ALL LABOR AND MATERIALS TO REPAIR/REPLACE/ADJUST EXISTING IRRIGATION AS NEEDED TO PROVIDE FULL COVERAGE THROUGHOUT. CONTRACTOR MAY SALVAGE EXISTING MATERIAL AND RELOCATE THEM IN PLACE TO ALIGN WITH EDGES OF NEW LANDSCAPE AREAS OR ALLOW FOR INSTALLATION OF NEW PLANT MATERIAL. CONTRACTOR SHALL PROVIDE AND INSTALL NEW EQUIPMENT AS NEEDED TO RETURN EXISTING IRRIGATION SYSTEM(S) TO FULLY OPERATIONAL CONDITION. PROVIDE (2) NEW BUBBLERS WHERE NEW TREES ARE PROPOSED WITHIN EXISTING RECYCLED WATER IRRIGATION SYSTEM AND CONNECT TO EXISTING BUBBLER SYSTEM ADJACENT. PROVIDE MATCHING EQUIPMENT, MATCHING LIKE FOR LIKE. PROVIDE COMPLETE IRRIGATION SHOP DRAWINGS FOR REVIEW AND APPROVAL. SHOP DRAWINGS SHALL DEMONSTRATE PROPOSED IRRIGATION ADJUSTMENTS AND CONNECTIONS TO EXISTING CONTROL VALVES AND/OR ANY EXISTING LATERALS THAT WERE CAPPED DURING DEMOLITION OPERATIONS.**

**EXISTING RECYCLED WATER IRRIGATION SYSTEM**

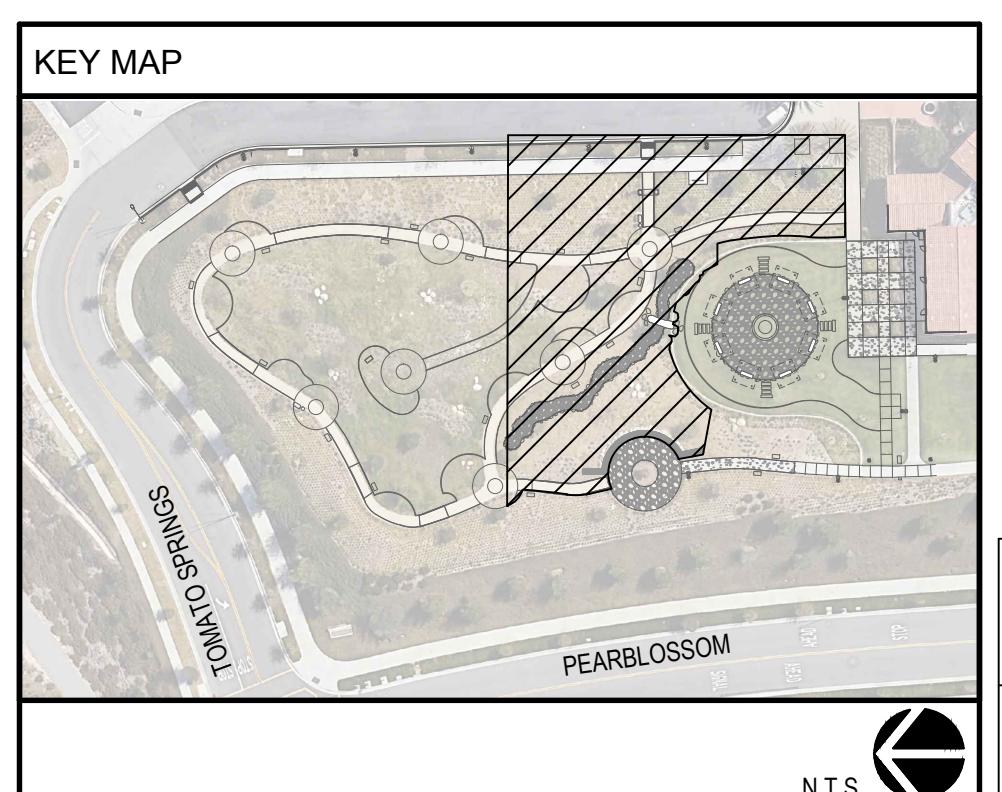
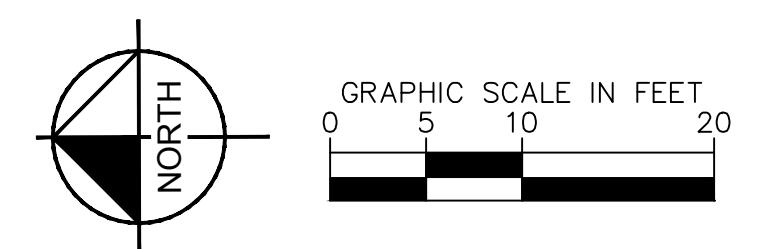
**EXISTING RECYCLED WATER IRRIGATION SYSTEM TO REMAIN, PROTECT-IN-PLACE UNLESS NOTED OTHERWISE.**

**EXISTING INTERIOR IRRIGATION SYSTEM**

**CONTRACTOR SHALL CAP ALL INTERIOR IRRIGATION CONTROL VALVES. ALL INTERIOR PLANTING AREAS SHALL BE HAND WATERED DURING THE PLANT ESTABLISHMENT PERIOD.**

**IRRIGATION NOTES**

1. ALL LOCAL, MUNICIPAL AND STATE LAWS ARE HEREBY INCORPORATED INTO THESE PLANS AND SHALL BE CARRIED OUT BY THE CONTRACTOR.
2. IT IS THE CONTRACTOR'S RESPONSIBILITY TO SECURE ANY AND ALL PERMITS REQUIRED TO PERFORM THEIR SCOPE OF WORK.
3. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATIONS OF ALL EXISTING UTILITIES WITHIN THE LIMIT OF WORK PRIOR TO COMMENCING ANY WORK. LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE AND THE LANDSCAPE ARCHITECT MAKES NO GUARANTEES ABOUT THEIR ACTUAL LOCATIONS. NOTIFY THE OWNER'S AUTHORIZED REPRESENTATIVE IN THE EVENT DISCREPANCIES ARE FOUND BETWEEN THE PLANS AND CONDITIONS IN THE FIELD.
4. THE IRRIGATION DESIGN SHOWN HERE-IN IS DIAGRAMMATIC AND SHOWN FOR GRAPHIC CLARITY ONLY. ALL MAINLINE, SLEEVING, VALVES, ETC. SHALL BE INSTALLED WITHIN THE LIMIT OF WORK AND LOCATED IN LANDSCAPE AREAS WHERE EVER POSSIBLE. CONTRACTOR WILL BE EXPECTED TO MAKE ADJUSTMENTS IN THE FIELD TO AVOID CONFLICTS WITH PROPOSED PLANTING AND ARCHITECTURAL IMPROVEMENTS.



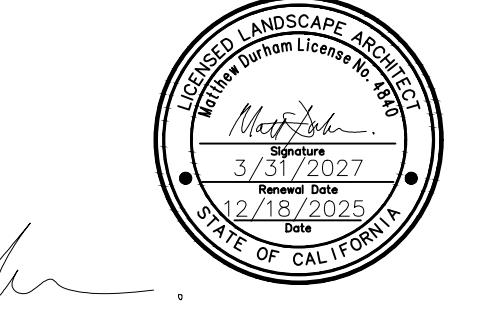
PHASE 1 100% CD SUBMITTAL						PLAN PREPARED BY:
DRAWN BY:	RY / GP	DATE				 3/31/2027 RENEWAL DATE STATE OF CALIFORNIA
DESIGNED BY:	MD	DATE				
CHECKED BY:	MD	DATE				
NO.	DATE	REVISIONS	ENGR.	APPROV.	DATE	12/18/2025

**PORTOLA SPRINGS COMMUNITY PARK  
INDIGENOUS INTERPRETIVE SPACE - PHASE 1 CIP 372501**

**IRRIGATION PLAN**

**CITY OF IRVINE  
PUBLIC WORKS & SUSTAINABILITY DEPARTMENT**

CIP NO.  
372501  
SHEET  
L212  
16 of 22

<b>MWELO COMPLIANCE LANDSCAPE ARCHITECT STATEMENT</b>	
<small>I HAVE COMPLIED WITH THE CRITERIA OF THE CALIFORNIA MODEL WATER EFFICIENT LANDSCAPE ORDINANCE (MWELO) AND APPLIED THEM FOR THE EFFICIENT USE OF WATER IN THE LANDSCAPE DESIGN PLAN.</small>	
<small>LANDSCAPE ARCHITECT:</small>	
	
<small>Matthew Durham 3/31/2027 12/18/2025 State of California</small>	
<small>12/18/2025 DATE</small>	
<small>MATTHEW DURHAM CA NO. 4840</small>	

### TREE PROTECTION NOTES

1. TREE PROTECTION ZONE (TPZ):
  - BEFORE BEGINNING ANY DEMOLITION OR CONSTRUCTION OPERATIONS, THE CONTRACTOR SHALL INSTALL A TEMPORARY PLASTIC ORANGE WEB FENCE AROUND ALL EXISTING TREES TO BE SAVED.
  - NO CONSTRUCTION MATERIALS OR ACTIVITIES ALLOWED IN THIS AREA.
  - THE FENCE SHALL BE INSTALLED NO CLOSER THAN THE DRIP-LINE (OR AS FAR AWAY FROM THE TRUNK AS PRACTICABLE).
  - FENCING SHALL CONSIST OF HIGH DENSITY POLYETHYLENE FENCING WITH 3.5" X 1.5" OPENINGS; COLOR- ORANGE.
  - STEEL POSTS INSTALLED AT 8' O.C.
  - ALL CONTRACTORS AND THEIR CREWS SHALL NOT BE ALLOWED INSIDE THIS "SAFE ZONE", NOR SHALL THEY BE ALLOWED TO STORE OR DUMP FOREIGN MATERIALS WITHIN THIS AREA. NO WORK OF ANY KIND, INCLUDING TRENCHING, SHALL BE ALLOWED WITHIN THE SAFE ZONE EXCEPT AS DESCRIBED BELOW. THE FENCING SHALL REMAIN AROUND EACH TREE TO BE SAVED UNTIL THE COMPLETION OF CONSTRUCTION OPERATIONS.
  - CONTRACTOR SHALL PROTECT FROM DAMAGE ALL ELEMENTS TO REMAIN AND SHALL REPLACE IN KIND, TO THE SATISFACTION OF THE CITY, ANY ITEMS DAMAGED AS A RESULT OF THE CONTRACTORS OPERATIONS.
2. CONTRACTOR TO REVIEW ALL TREES TO BE REMOVED ON SITE WITH LANDSCAPE ARCHITECT OR OWNER'S REPRESENTATIVE PRIOR TO DEMOLITION.
3. ALL TREE PRUNING AND LIMB RESTRAINT SHALL BE PERFORMED UNDER THE DIRECT SUPERVISION OF A CERTIFIED ARBORIST. CONTRACTOR SHALL NOT PRUNE TREES OR RESTRAIN LIMBS.

### HYDROSEED MIX

	<small>PO Box 1275 Carpinteria, CA 93014-1275 - USA Tel. 805-684-0436 * Fax 805-684-2798</small>	
Inland Irrigated Meadow		
Species	Common Name	Bulk Lbs/Acre
Achillea millefolium	Yarrow	1.00
Aristida purpurea	Purple Threawn	2.00
Eschscholzia californica	California Poppy	3.00
Festuca microstachys	Pacific Fescue	8.00
Lasthenia californica	Goldfields	1.00
Lupinus microcarpus	Chick Lupine	4.00
Muhlenbergia microsperma	Little Muhy	2.00
Phacelia campanularia	Desert Bluebells	3.00
Poa secunda	Sandberg Bluegrass	3.00
Stipa cernua	Nodding Needlegrass	6.00
Stipa hymenoides	Ricegrass	4.00
Trifolium ciliolatum	Foothill Clover	2.00

### PLANT LEGEND

SYMBOL	BOTANICAL / COMMON NAME	CONT.	CAL.	WUCOLS	SIZE AT Maturity	QTY
<b>TREES</b>						
	ARCTOSTAPHYLOS GLAUCA BIGBERRY MANZANITA MULTI-TRUNK	24" BOX	1" CAL. PER TRUNK	VERY LOW	10'-15' HT. X 10'-15' SPR.	9
	PLATANUS RACEMOSA 'COLUMBIA' CALIFORNIA Sycamore STANDARD TRUNK	36" BOX	3" CAL.	Moderate	40'-60' HT. X 40'-50' SPR.	4
	QUERCUS AGRIFOLIA COAST LIVE OAK MULTI-TRUNK	48" BOX	2.5" CAL. PER TRUNK	LOW	40'-60' HT. X 40'-50' SPR.	7
	SALIX LASIOLEPIS ARROYO WILLOW STANDARD TRUNK	36" BOX	3" CAL.	HIGH	20'-30' HT. X 10'-15' SPR.	6
	SAMBUCUS MEXicana MEXICAN ELDERBERRY MULTI-TRUNK	36" BOX	1.5" CAL. PER TRUNK	LOW	15'-25' HT. X 20'-25' SPR.	3

### EXISTING TREE

	PLATANUS RACEMOSA CALIFORNIA Sycamore EXISTING TO REMAIN (PIP)	-	-	Moderate	--	5
	QUERCUS AGRIFOLIA COAST LIVE OAK EXISTING TO REMAIN (PIP)	-	-	LOW	--	18
	ULMUS PARVIFOLIA CHINESE ELM EXISTING TO REMAIN (PIP)	-	-	Moderate	--	2

SYMBOL	BOTANICAL / COMMON NAME	CONT.	SPACING	WUCOLS	SIZE AT Maturity	QTY
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### SHRUBS

	ACHILLEA MILLEFOLIUM COMMON YARROW	1 GAL.	24" O.C.	LOW	1'-3' HT. X 1'-3' SPR.	52
	AGAVE ATTENUATA FOXTAIL AGAVE	15 GAL.	AS SHOWN	LOW	4'-5' HT. X 4'-5' SPR.	21
	ARTEMISIA CALIFORNICA CALIFORNIA SAGEBRUSH	5 GAL.	48" O.C.	VERY LOW	3'-4' HT. X 3'-4' SPR.	34
	ARTEMISIA TRIDENTATA BIG SAGEBRUSH	5 GAL.	72" O.C.	VERY LOW	3'-15' HT. X 10' SPR.	16
	BACCHARIS PILULARIS 'TWIN PEAKS #2' TWIN PEAKS #2 COYOTE BRUSH	5 GAL.	60" O.C.	LOW	1'-2' HT. X 3'-6' SPR.	26
	BACCHARIS SALICIFOLIA MULEFAT	1 GAL.	72" O.C.	LOW	6'-12' HT. X 3'-9' SPR.	3
	CAREX DIVULSA EUROPEAN GREY SEDGE	1 GAL.	24" O.C.	LOW	2' HT. X 2' SPR.	348
	CEANOOTHUS GRISEUS 'POINT SAL' POINT SAL CARMEL CEANOOTHUS	5 GAL.	60" O.C.	LOW	2'-3' HT. X 4'-5' SPR.	8
	CEANOOTHUS GRISEUS H. 'DIAMOND HEIGHTS' DIAMOND HEIGHTS CARMEL CREEPER	1 GAL.	60" O.C.	LOW	1'-1.5 HT. X 4'-6' SPR.	14
	HESPEROYUCCA WHIPPLEI CHAPARRAL YUCCA	15 GAL.	AS SHOWN	LOW	2'-3' HT. X 3'-4' SPR.	44
	HETEROMELES ARbutifolia TOYON	5 GAL.	AS SHOWN	LOW	6'-10' HT. X 6'-8' SPR.	11
	ISOMERIS ARBOREA BLADDERPOD	5 GAL.	72" O.C.	LOW	4'-6' HT. X 4'-6' SPR.	18
	JUNCUS PATENS CALIFORNIA GRAY RUSH	1 GAL.	24" O.C.	Moderate	1'-3' HT. X 1'-3' SPR.	260
	LUPINUS EXCUBITUS GRAPE SODA LUPINE	5 GAL.	24" O.C.	LOW	2'-3' HT. X 1'-5' SPR.	76
	MUHLENBERGIA RIGENS DEER GRASS	5 GAL.	48" O.C.	LOW	3'-5' HT. X 3'-4' SPR.	123
	RHUS TRILOBATA SKUNKBUSH SUMAC	5 GAL.	36" O.C.	LOW	3'-5' HT. X 4' SPR.	65
	RIBES MALVACEUM CHAPARRAL CURRENT	5 GAL.	72" O.C.	L/M	5'-8' HT. X 4'-6' SPR.	6
	SALVIA APIANA COMPACTA COMPACT WHITE SAGE	5 GAL.	36" O.C.	LOW	2'-3' HT. X 2'-3' SPR.	68
	SALVIA MELLIFERA 'TERRA SECA' TERRA SECA BLACK SAGE	5 GAL.	60" O.C.	LOW	2' HT. X 5' SPR.	76
	SCHONOPLECTUS ACUTUS HARDSTEM BULRUSH	5 GAL.	24" O.C.	Moderate	3'-10' HT. X 2'-4' SPR.	96

SYMBOL	BOTANICAL / COMMON NAME	CONT.	SPACING	WUCOLS	SIZE AT Maturity	QTY
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### EXISTING

	EXISTING VEGETATION TO REMAIN	-	-	-		43,230 SF
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### HYDROSEED

	HYDROSEED S&S NATIVE GRASS AND FLOWERING SHRUB MIX	HYDROSEED	-	LOW		6,998 SF
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PLAN CHECK NO.  
00961364-PARK

PERMIT NO.

L300  
17 of 22

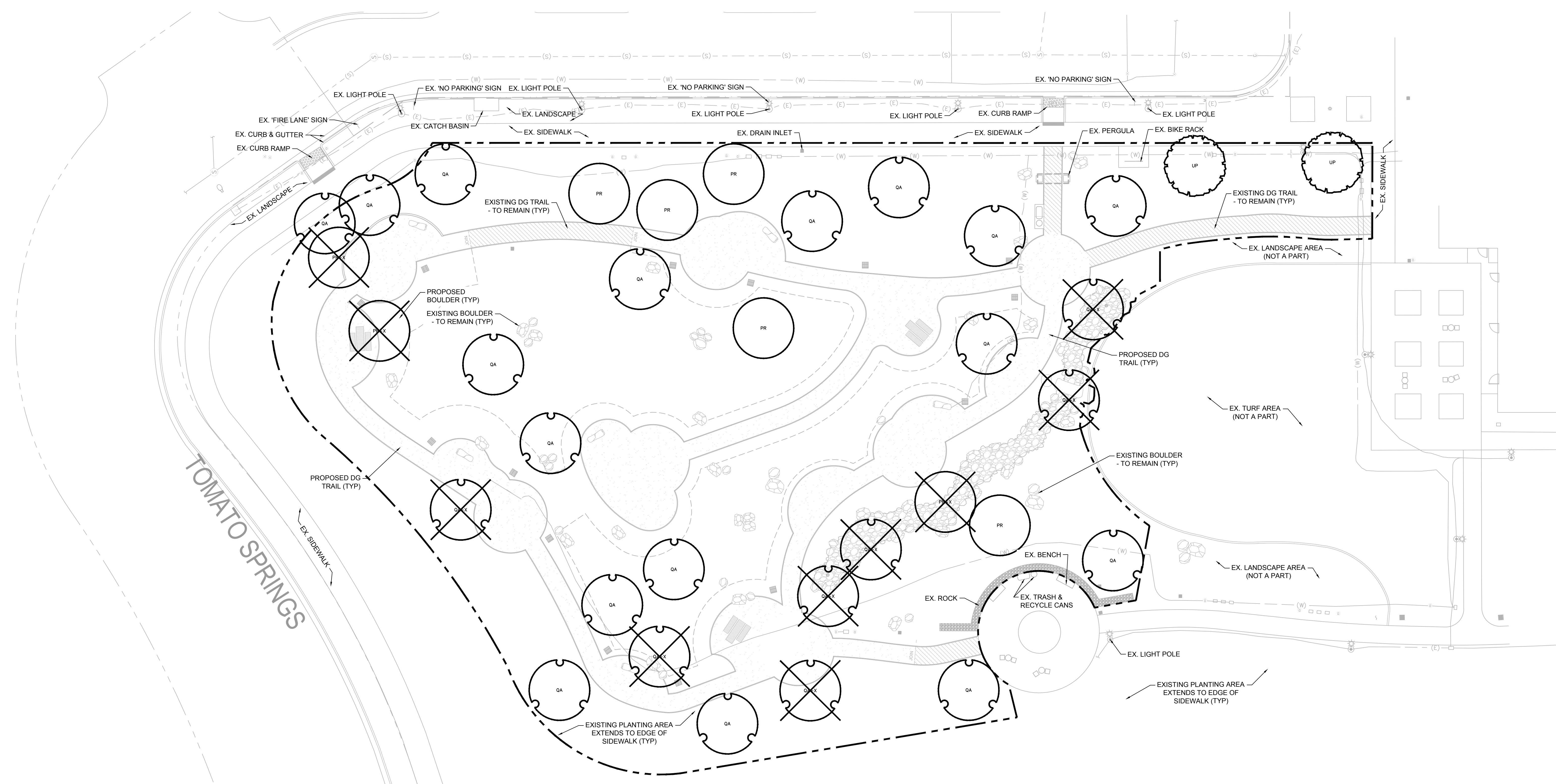
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NO.	DATE	REVISIONS	ENGR.	APPROV.	DATE	CHECKED BY: MD DATE 12/18/2025

**PORTOLA SPRINGS COMMUNITY PARK  
INDIGENOUS INTERPRETIVE SPACE -PHASE 1 CIP 372501**

**PLANTING LEGEND AND NOTES**

**CITY OF IRVINE  
PUBLIC WORKS & SUSTAINABILITY DEPARTMENT**

SHEET REVISED: 12-18-2025



EXISTING TREE DISPOSITION LEGEND						
SYMBOL	BOTANICAL / COMMON NAME	CONT.	CAL.	WUCOLS	SIZE AT MATURITY	QT
<b>PROTECT-IN-PLACE</b>						
	PLATANUS RACEMOSA CALIFORNIA SYCAMORE EXISTING TO REMAIN (PIP)	-	-	MODERATE	40`-60` HT. X 40`-50` SPR.	5
	QUERCUS AGRIFOLIA COAST LIVE OAK EXISTING TO REMAIN (PIP)	-	-	LOW	40`-60` HT. X 40`-50` SPR.	17
	ULMUS PARVIFOLIA CHINESE ELM EXISTING TO REMAIN (PIP)	-	-	MODERATE	40'-50' HT. X 40'-50' SPR.	2
<b>REMOVE</b>						
	PLATANUS RACEMOSA CALIFORNIA SYCAMORE	-	-	MODERATE	40`-60` HT. X 40`-50` SPR.	3
	QUERCUS AGRIFOLIA COAST LIVE OAK	-	-	LOW	40`-60` HT. X 40`-50` SPR.	7

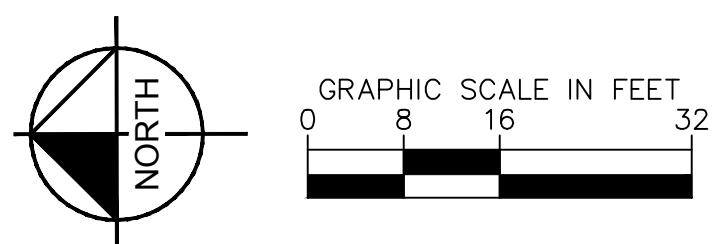
## TREE MITIGATION SUMMARY

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PROTECTED SPECIES TO BE REMOVED: 0

- *QUERCUS AGRIFOLIA* - ALL EXISTING TREES ARE UNDER 8" DBH.
- *PLATANUS RACEMOSA* - ALL EXISTING TREES ARE UNDER 12" DBH

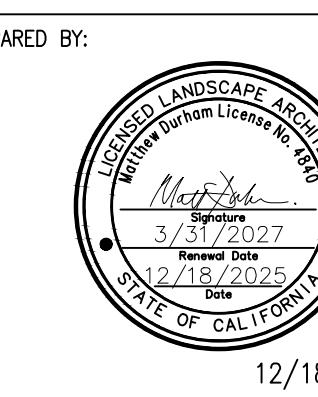
REQUIRED MITIGATION: 0 TREES



PLAN CHECK NO.  
00961364-PARK

PERMIT NO.

7						<b>PHASE</b> <b>100% CD SUB</b>	
6							
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NO.	DATE	REVISIONS		ENGR.	APPROV.	DATE	CHECKED BY: MD



**PORTOLA SPRINGS COMMUNITY PARK  
INDIGENOUS INTERPRETIVE SPACE -PHASE 1 CIP 372501**

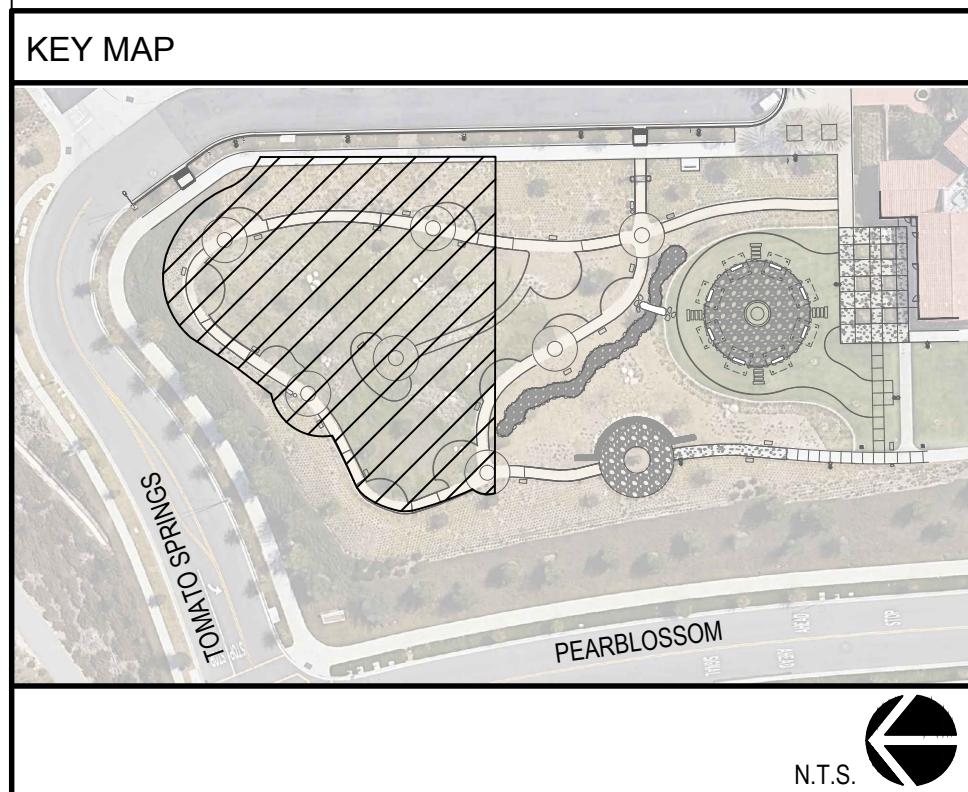
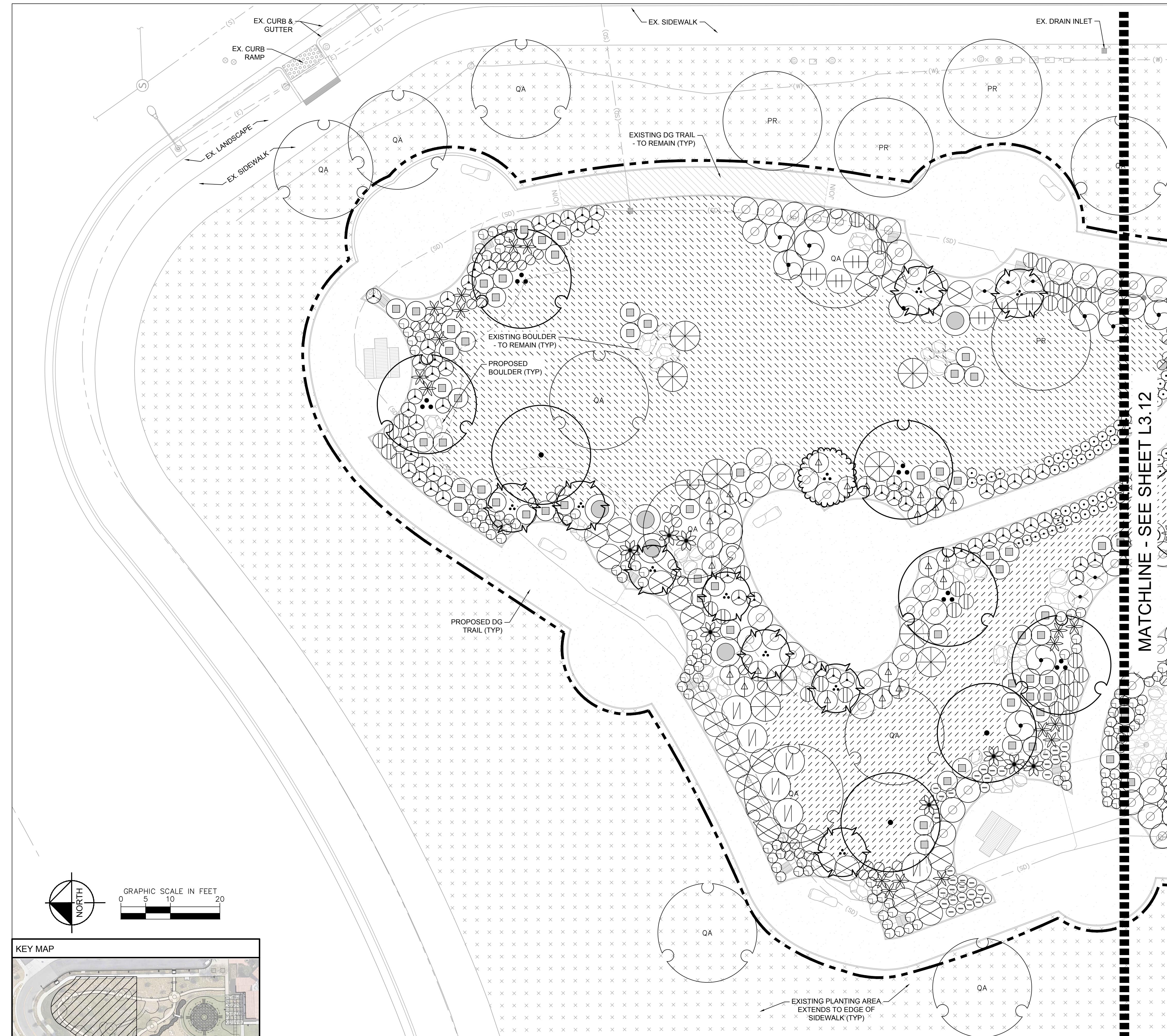
**EXISTING TREE DISPOSITION PLAN**

CIP NO.

SHEET

L310

HEET REVISED: 12-18-2021



7					
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NO.	DATE	REVISIONS	ENGR.	APPROV.	DATE

PHASE 1  
100% CD SUBMITTAL

DRAWN BY: RY / GP DATE: 3/17/2027  
DESIGNED BY: MD DATE: 3/17/2025  
CHECKED BY: MD DATE: 12/18/2025

PLAN PREPARED BY:  
LICENCED LANDSCAPE ARCHITECT  
Natalie Duran, License #2025000  
3/17/2027  
RENEWED DATE: 3/17/2025  
STATE OF CALIFORNIA  
12/18/2025

PLANT LEGEND						
SYMBOL	BOTANICAL / COMMON NAME	CONT.	CAL.	WUCOLS	SIZE AT Maturity	QTY
<b>TREES</b>						
	ARCTOSTAPHYLOS GLAUCA BIGBERRY MANZANITA MULTI-TRUNK	24" BOX	1" CAL. PER TRUNK	VERY LOW	10'-15' HT. X 10'-15' SPR.	9
	PLATANUS RACEMOSA 'COLUMBIA' CALIFORNIA Sycamore STANDARD TRUNK	36" BOX	2" CAL.	Moderate	40'-60' HT. X 40'-50' SPR.	3
	QUERCUS AGRIFOLIA COAST LIVE OAK	48" BOX	1" CAL. PER TRUNK	LOW	40'-60' HT. X 40'-50' SPR.	5
	SAMBUCUS MEXicana MEXICAN ELDERBERRY MULTI-TRUNK	36" BOX	0.5 CAL. PER TRUNK	LOW	15'-25' HT. X 20'-25' SPR.	1
<b>EXISTING TREE</b>						
	PLATANUS RACEMOSA CALIFORNIA Sycamore EXISTING TO REMAIN (PIP)	-	-	Moderate	40'-60' HT. X 40'-50' SPR.	4
	QUERCUS AGRIFOLIA COAST LIVE OAK EXISTING TO REMAIN (PIP)	-	-	LOW	40'-60' HT. X 40'-50' SPR.	11
<b>SYMBOL</b>						
<b>SHRUBS</b>						
	AGAVE ATTENUATA FOXTAIL AGAVE	15 GAL.	AS SHOWN		4'-5' HT. X 4'-5' SPR.	8
	ARTEMISIA CALIFORNICA CALIFORNIA SAGEBRUSH	5 GAL.	48" O.C.	Very Low	3'-4' HT. X 3'-4' SPR.	21
	ARTEMISIA TRIDENTATA BIG SAGEBRUSH	5 GAL.	72" O.C.	Very Low	3'-15' HT. X 10' SPR.	10
	BACCHARIS PILULARIS TWIN PEAKS #2' TWIN PEAKS #2 COYOTE BRUSH	5 GAL.	60" O.C.	LOW	1'-2' HT. X 3'-6' SPR.	26
	CAREX DIVULSA EUROPEAN GREY SEDGE	1 GAL.	24" O.C.	LOW	2' HT. X 2' SPR.	45
	CEANOHTHUS GRISEUS 'POINT SAL' POINT SAL CARMEL CEANOHTHUS	5 GAL.	60" O.C.	LOW	2'-3' HT. X 4'-5' SPR.	6
	CEANOHTHUS GRISEUS HORIZONTALIS 'DIAMOND HEIGHTS' DIAMOND HEIGHTS CARMEL CREEPER	1 GAL.	60" O.C.	LOW	1'-1.5' HT. X 4'-6' SPR.	5
	HESPEROYUCCA WHIPPLEI CHAPARRAL YUCCA	15 GAL.	AS SHOWN	LOW	2'-3' HT. X 3'-4' SPR.	18
	HETEROMELES ARbutifolia TOYON	5 GAL.	AS SHOWN	LOW	6'-10' HT. X 6'-8' SPR.	5
	ISOMERIS ARBOREA BLADDERPOD	5 GAL.	72" O.C.	LOW	4'-6' HT. X 4'-6' SPR.	8
	JUNCUS PATENS CALIFORNIA GRAY RUSH	1 GAL.	24" O.C.	Moderate	1'-3' HT. X 1'-3' SPR.	103
	LUPINUS EXCUBITUS GRAPE SODA LUPINE	5 GAL.	24" O.C.	LOW	2'-3' HT. X 1'-5' SPR.	34
	MUHLENBERGIA RIGENS DEER GRASS	5 GAL.	48" O.C.	LOW	3'-5' HT. X 3'-4' SPR.	62
	RHUS TRILOBATA SKUNKBUSH SUMAC	5 GAL.	36" O.C.	LOW	3'-5' HT. X 4' SPR.	61
	RIBES MALVACEUM CHAPARRAL CurrANT	5 GAL.	72" O.C.	L/M	5'-8' HT. X 4'-6' SPR.	6
	SALVIA APIANA COMPACTA COMPACT WHITE SAGE	5 GAL.	36" O.C.	LOW	2'-3' HT. X 2'-3' SPR.	35
	SALVIA MELLIFERA 'TERRA SECA' TERRA SECA BLACK SAGE	5 GAL.	60" O.C.	LOW	2' HT. X 5' SPR.	36
	SCHENOPECTUS ACUTUS HARDSTEM BULRUSH	5 GAL.	24" O.C.	Moderate	3'-10' HT. X 2'-4' SPR.	42
<b>SYMBOL</b>						
<b>EXISTING</b>						
EXISTING VEGETATION TO REMAIN	-	-	-	-	-	20,550 SF
<b>HYDROSEED</b>						
HYDROSEED S&S NATIVE GRASS AND FLOWERING SHRUB MIX	HYDRO SEED	-	LOW			6,998 SF

\*QUANTITIES SHOWN FOR THIS SHEET ONLY. SEE L300 FOR COMPLETE LEGEND AND PLANTING NOTES.

PLAN CHECK NO.  
00961364-PARK

PERMIT NO.

CIP NO.  
372501

SHEET

L311

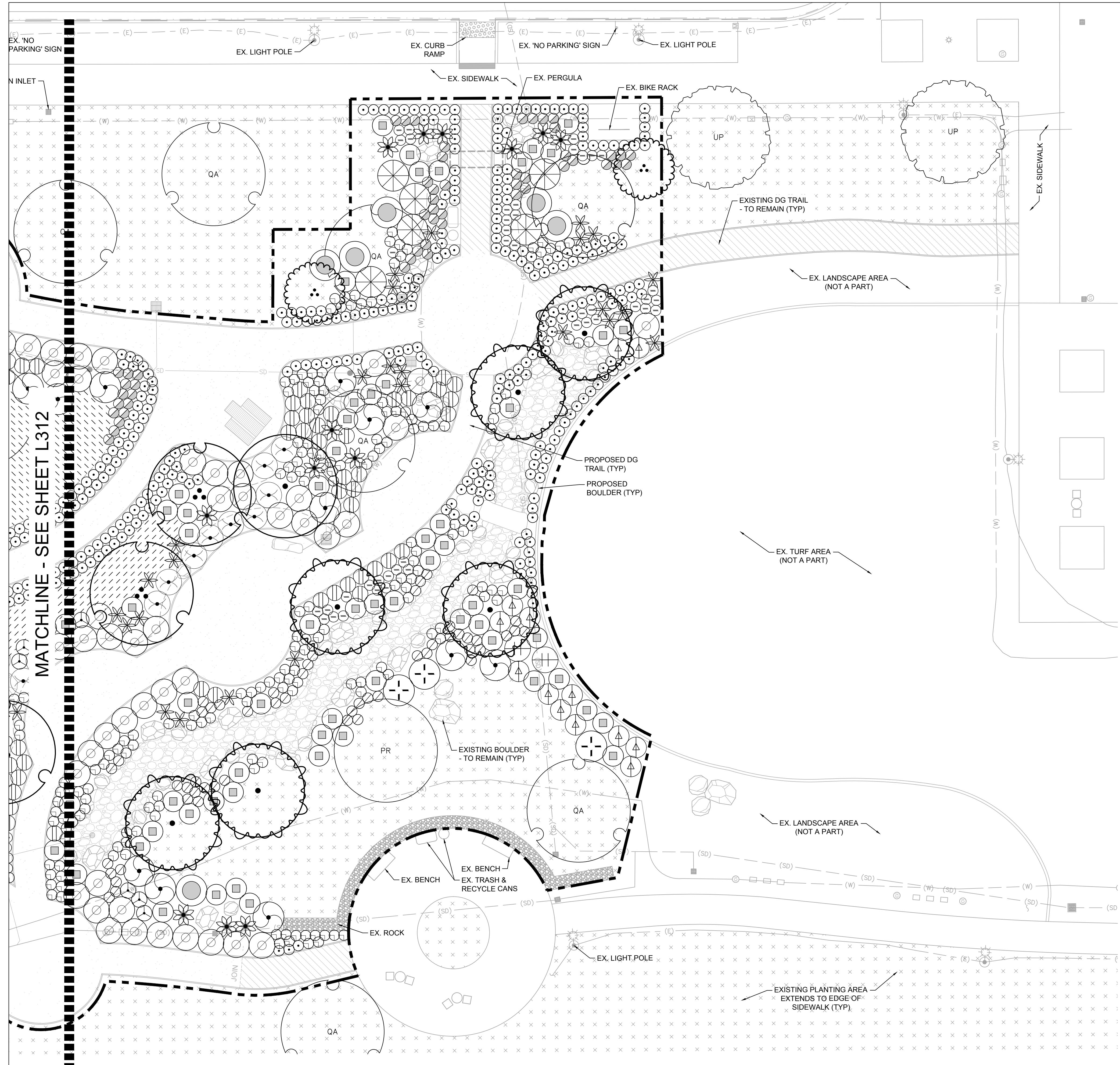
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### PORTOLA SPRINGS COMMUNITY PARK INDIGENOUS INTERPRETIVE SPACE - PHASE 1 CIP 372501

### PLANTING PLAN

CITY OF IRVINE  
PUBLIC WORKS & SUSTAINABILITY DEPARTMENT

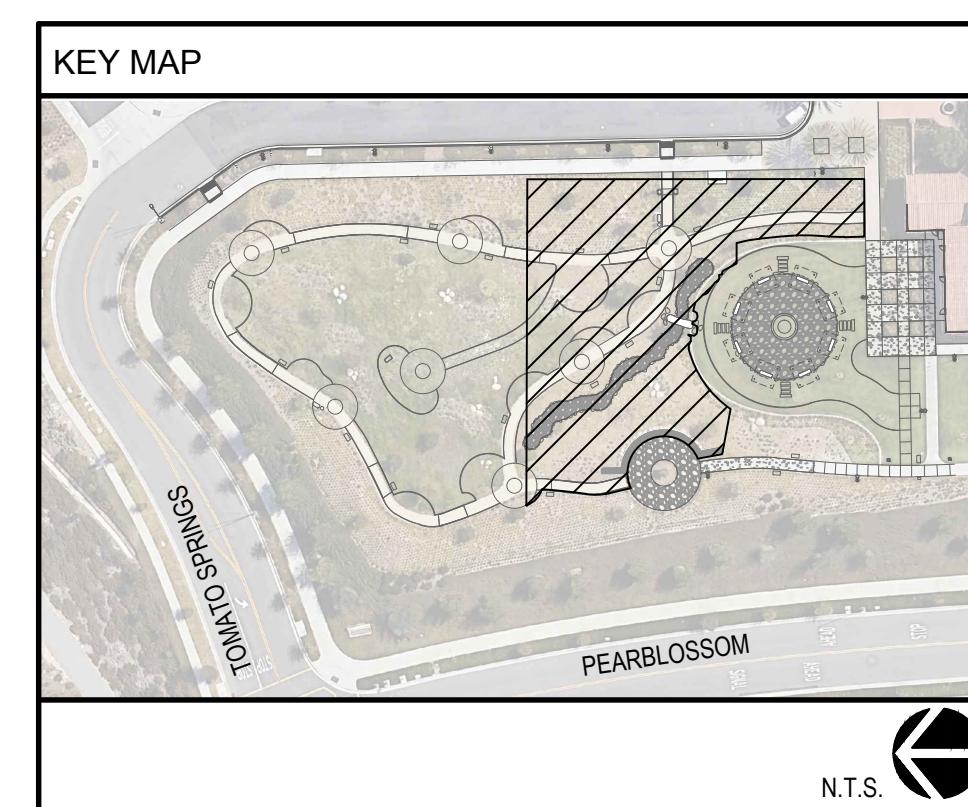
SHEET REVISED: 12-18-2025



### PLANT LEGEND

SYMBOL	BOTANICAL / COMMON NAME	CONT.	CAL.	WUCOLS	SIZE AT Maturity	QTY
<b>TREES</b>						
●	PLATANUS RACEMOSA COLUMBIA' CALIFORNIA SYCAMORE STANDARD TRUNK	36" BOX	2" CAL.	Moderate	40'-60' HT. X 40'-50' SPR.	1
●	QUERCUS AGRIFOLIA COAST LIVE OAK	48" BOX	1" CAL. PER TRUNK	Low	40'-60' HT. X 40'-50' SPR.	2
●	Salix LASIOLEPIS ARROYO WILLOW STANDARD TRUNK	36" BOX	3" CAL.	High	20'-30' HT. X 10'-15' SPR.	6
●	SAMBucus MEXicana MEXICAN ELDERBERRY MULTI-TRUNK	36" BOX	0.5" CAL. PER TRUNK	Low	15'-25' HT. X 20'-25' SPR.	2
<b>EXISTING TREE</b>						
●	PLATANUS RACEMOSA CALIFORNIA SYCAMORE EXISTING TO REMAIN (PIP)	-	-	Moderate	40'-60' HT. X 40'-50' SPR.	1
●	QUERCUS AGRIFOLIA COAST LIVE OAK EXISTING TO REMAIN (PIP)	-	-	Low	40'-60' HT. X 40'-50' SPR.	7
●	ULMUS PARVIFOLIA CHINESE ELM EXISTING TO REMAIN (PIP)	-	-	Moderate	40'-50' HT. X 40'-50' SPR.	2
<b>SYMBOL</b>						
<b>SHRUBS</b>						
○	ACHILLEA Millefolium COMMON YARROW	1 GAL.	24" O.C.	Low	1'-3" HT. X 1'-3" SPR.	52
○	AGAVE ATTENUATA FOXTAIL AGAVE	15 GAL.	AS SHOWN	Low	4'-5" HT. X 4'-5" SPR.	13
○	ARTEMISIA CALIFORNICA CALIFORNIA SAGEBRUSH	5 GAL.	48" O.C.	Very Low	3'-4" HT. X 3'-4" SPR.	13
○	ARTEMISIA TRIDENTATA BIG SAGEBRUSH	5 GAL.	72" O.C.	Very Low	3'-15' HT. X 10' SPR.	6
○	BACCHARIS SALICIFOLIA MULEFAT	5 GAL.	72" O.C.	Low	6'-12' HT. X 3'-9' SPR.	3
○	CAREX DIVULSA EUROPEAN GREY SEDGE	1 GAL.	24" O.C.	Low	2' HT. X 2' SPR.	303
○	CEANOTHUS GRiseus 'POINT SAL' POINT SAN CARMEL CEANOTHUS	5 GAL.	60" O.C.	Low	2'-3' HT. X 4'-5' SPR.	2
○	CEANOTHUS GRiseus HORIZONTALIS 'DIAMOND HEIGHTS' DIAMOND HEIGHTS CARMEL CREEPER	1 GAL.	60" O.C.	Low	1'-1.5' HT. X 4'-6' SPR.	9
○	HESPEROYUCCA WHIPPLEI CHAPARRAL YUCCA	15 GAL.	AS SHOWN	Low	2'-3' HT. X 3'-4' SPR.	26
○	HETEROMELES ARbutifolia TOYON	5 GAL.	AS SHOWN	Low	6'-10' HT. X 6'-8' SPR.	6
○	ISOMERIS ARBOREA BLADDERPOD	5 GAL.	72" O.C.	Low	4'-6' HT. X 4'-6' SPR.	10
○	JUNCUS PATENS CALIFORNIA GRAY RUSH	1 GAL.	24" O.C.	Moderate	1'-3' HT. X 1'-3' SPR.	157
○	LUPINUS EXCUBITUS GRAPE SODA LUPINE	5 GAL.	24" O.C.	Low	2'-3' HT. X 1'-5' SPR.	42
○	MUHLENBERGIA RIGENS DEER GRASS	5 GAL.	48" O.C.	Low	3'-5' HT. X 3'-4' SPR.	61
○	RHUS TRILOBATA SKUNKBUSH SUMAC	5 GAL.	36" O.C.	Low	3'-5' HT. X 4'-6' SPR.	4
○	SALVIA APiana COMPACTA COMPACT WHITE SAGE	5 GAL.	36" O.C.	Low	2'-3' HT. X 2'-3' SPR.	33
○	SALVIA MELLIFERA TERRA SECA' TERRA SECA BLACK SAGE	5 GAL.	60" O.C.	Low	2' HT. X 5' SPR.	40
○	SCHOENOPLECTUS ACUTUS HARDSTEM BULRUSH	5 GAL.	24" O.C.	Moderate	3'-10' HT. X 2'-4' SPR.	54
<b>SYMBOL</b>						
<b>EXISTING</b>						
.....	EXISTING VEGETATION TO REMAIN	-	-	-	-	22,680 SF

\*QUANTITIES SHOWN FOR THIS SHEET ONLY. SEE L300 FOR COMPLETE LEGEND AND PLANTING NOTES.

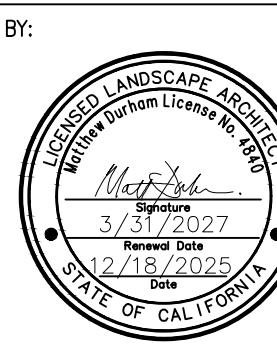


PLAN CHECK NO.  
00961364-PARK

PERMIT NO.

N.T.S.

7	6	5	4	3	2	1	<b>PHASE 1 100% CD SUBMITTAL</b>		
NO.	DATE	REVISIONS	ENGR.	APPROV.	DATE	DRAWN BY: RY / GP DATE			
									12/18/2025



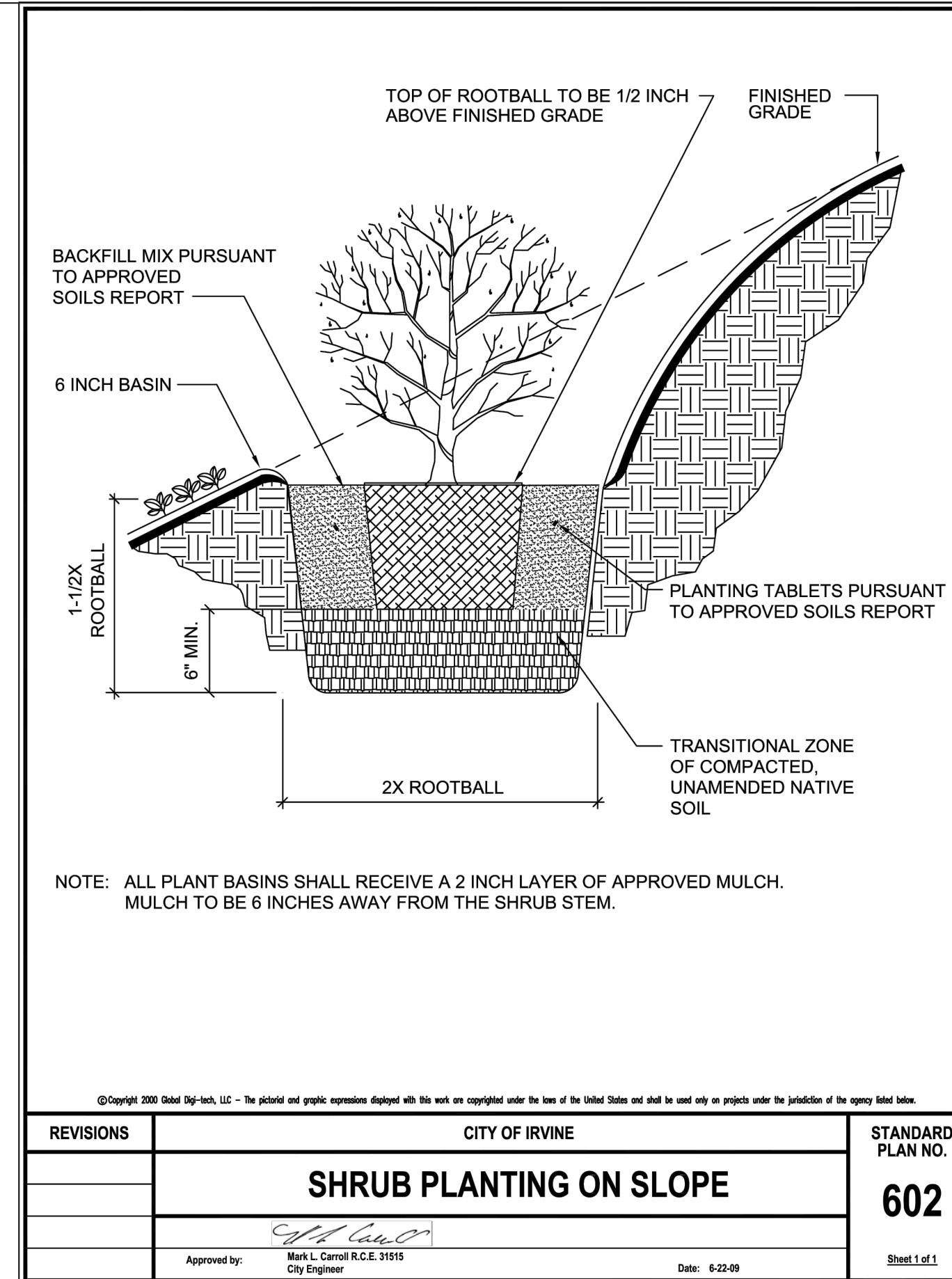
**PORTOLA SPRINGS COMMUNITY PARK  
INDIGENOUS INTERPRETIVE SPACE - PHASE 1 CIP 372501**  
**PLANTING PLAN**  
**CITY OF IRVINE**  
**PUBLIC WORKS & SUSTAINABILITY DEPARTMENT**

CIP NO.  
372501

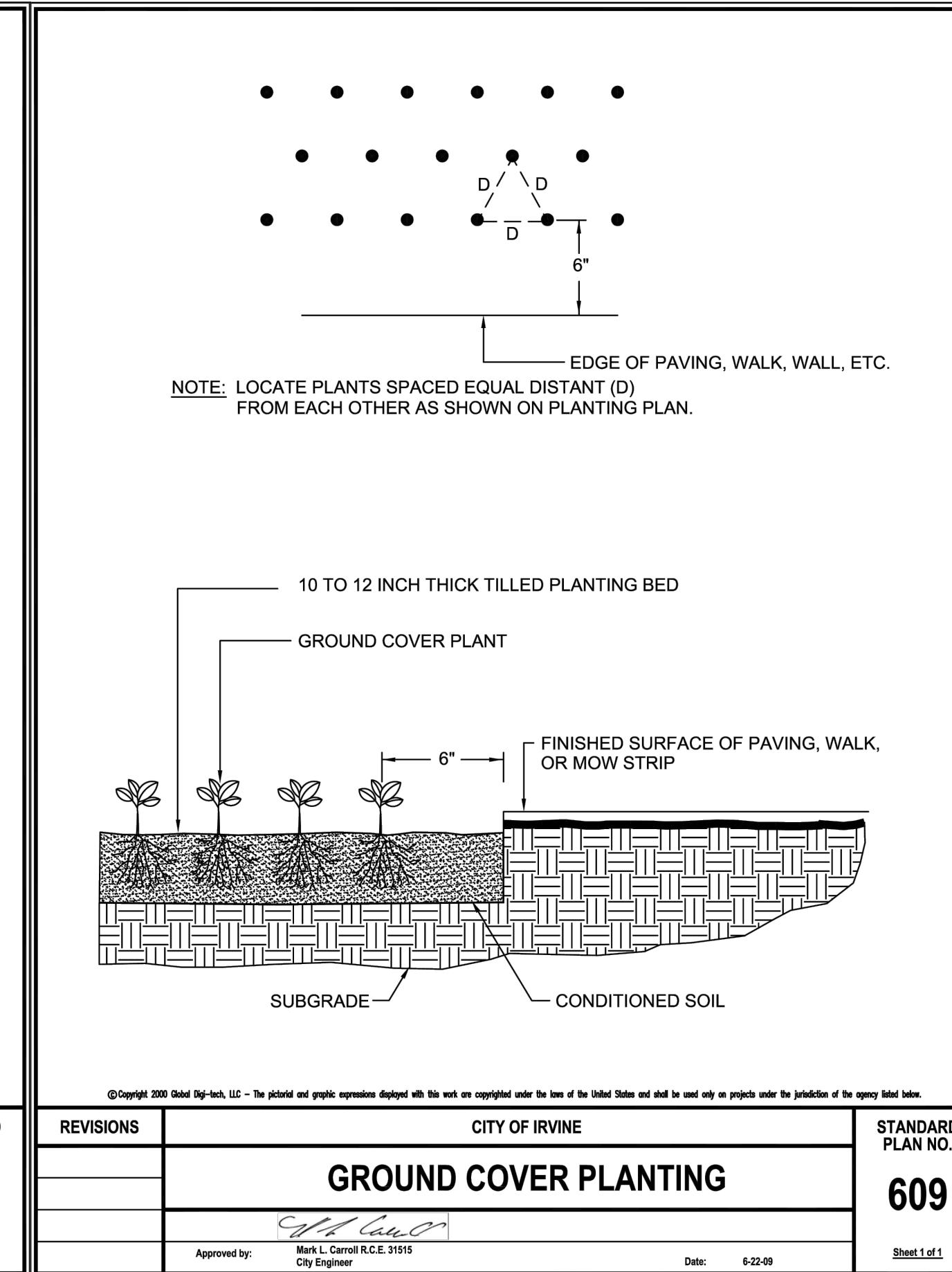
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**L312**

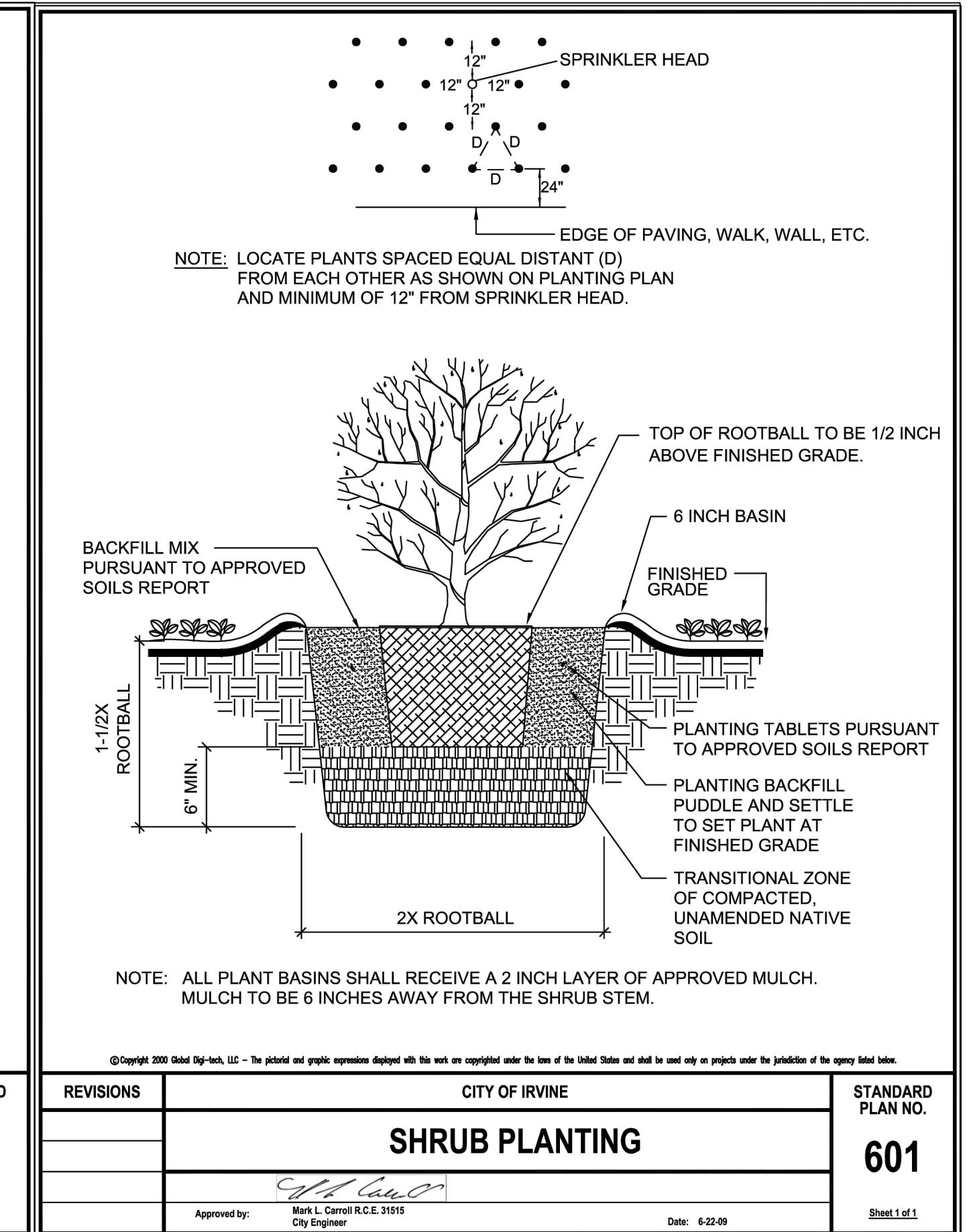
20 of 22



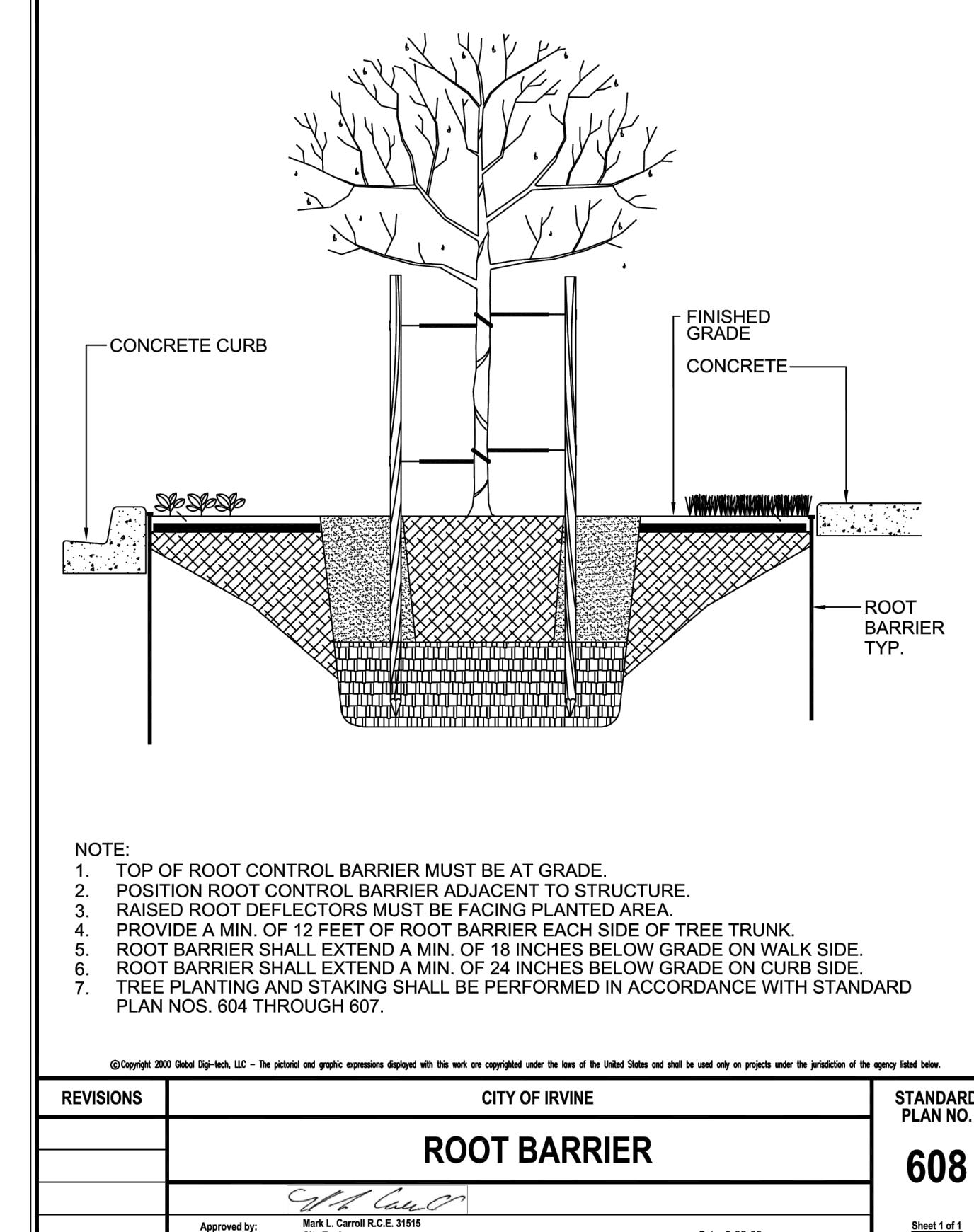
REVISIONS			CITY OF IRVINE		STANDARD PLAN NO.	
SHRUB PLANTING ON SLOPE			CITY OF IRVINE		602	
<i>Mark L. Carroll R.C.E. 31515</i> City Engineer			Approved by: Mark L. Carroll R.C.E. 31515 City Engineer		Date: 6-22-09	
Sheet 1 of 1						



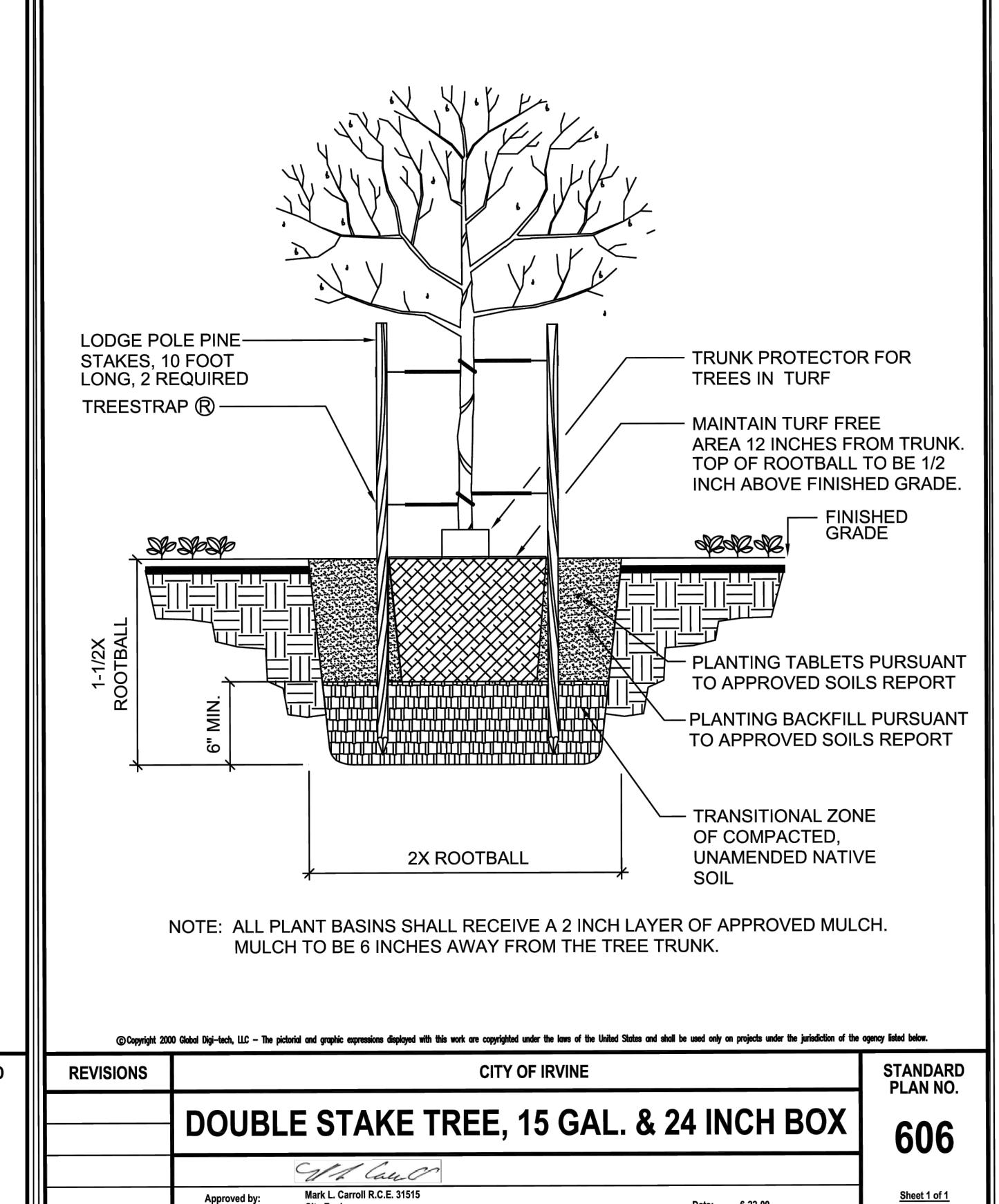
REVISIONS			CITY OF IRVINE		STANDARD PLAN NO.	
GROUND COVER PLANTING			CITY OF IRVINE		609	
<i>Mark L. Carroll R.C.E. 31515</i> City Engineer			Approved by: Mark L. Carroll R.C.E. 31515 City Engineer		Date: 6-22-09	
Sheet 1 of 1						



REVISIONS			CITY OF IRVINE		STANDARD PLAN NO.	
SHRUB PLANTING			CITY OF IRVINE		601	
<i>Mark L. Carroll R.C.E. 31515</i> City Engineer			Approved by: Mark L. Carroll R.C.E. 31515 City Engineer		Date: 6-22-09	
Sheet 1 of 1						



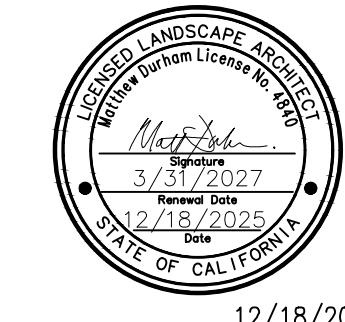
REVISIONS			CITY OF IRVINE		STANDARD PLAN NO.	
ROOT BARRIER			CITY OF IRVINE		608	
<i>Mark L. Carroll R.C.E. 31515</i> City Engineer			Approved by: Mark L. Carroll R.C.E. 31515 City Engineer		Date: 6-22-09	
Sheet 1 of 1						



REVISIONS			CITY OF IRVINE		STANDARD PLAN NO.	
DOUBLE STAKE TREE, 15 GAL. & 24 INCH BOX			CITY OF IRVINE		606	
<i>Mark L. Carroll R.C.E. 31515</i> City Engineer			Approved by: Mark L. Carroll R.C.E. 31515 City Engineer		Date: 6-22-09	
Sheet 1 of 1						

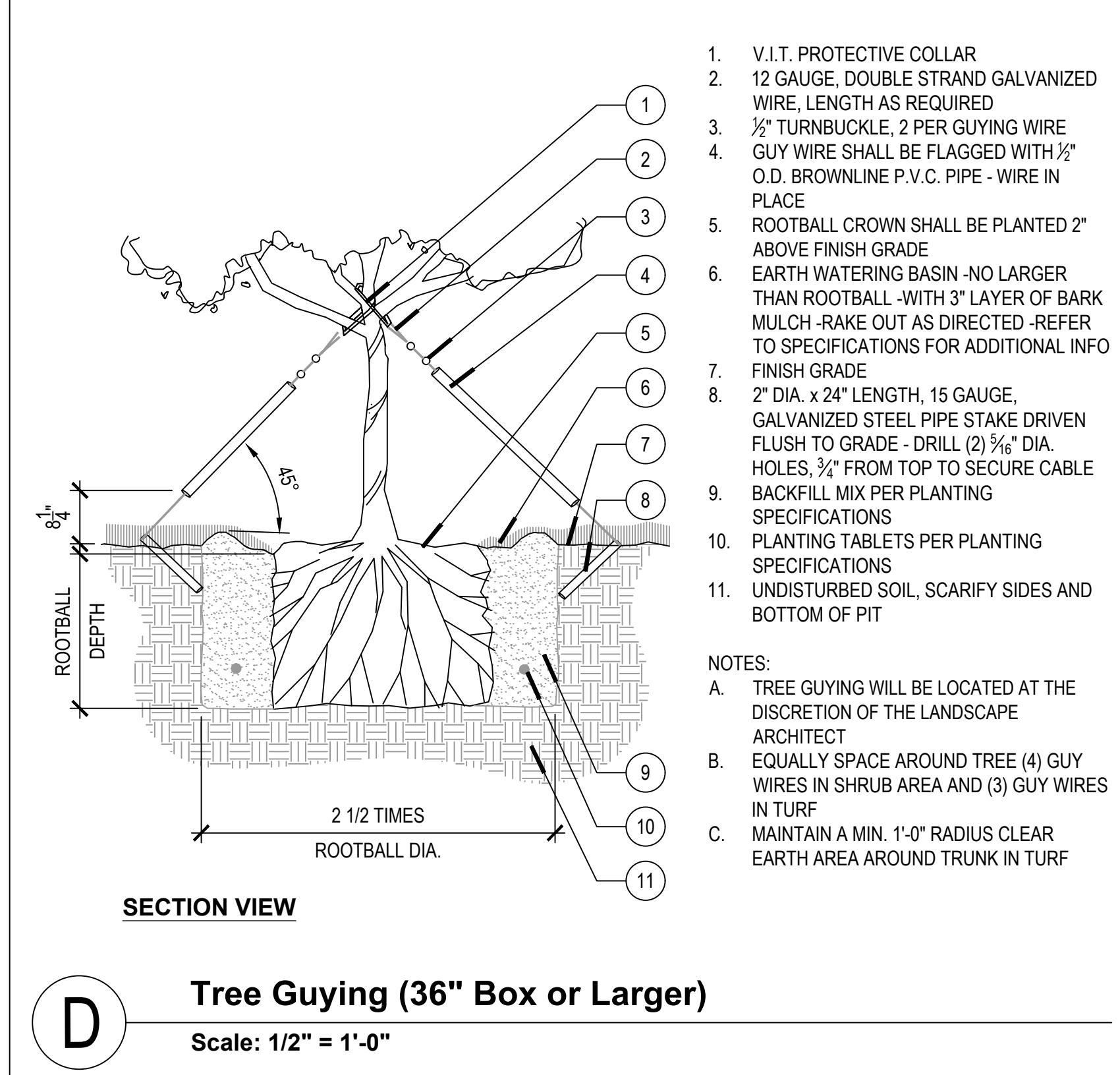
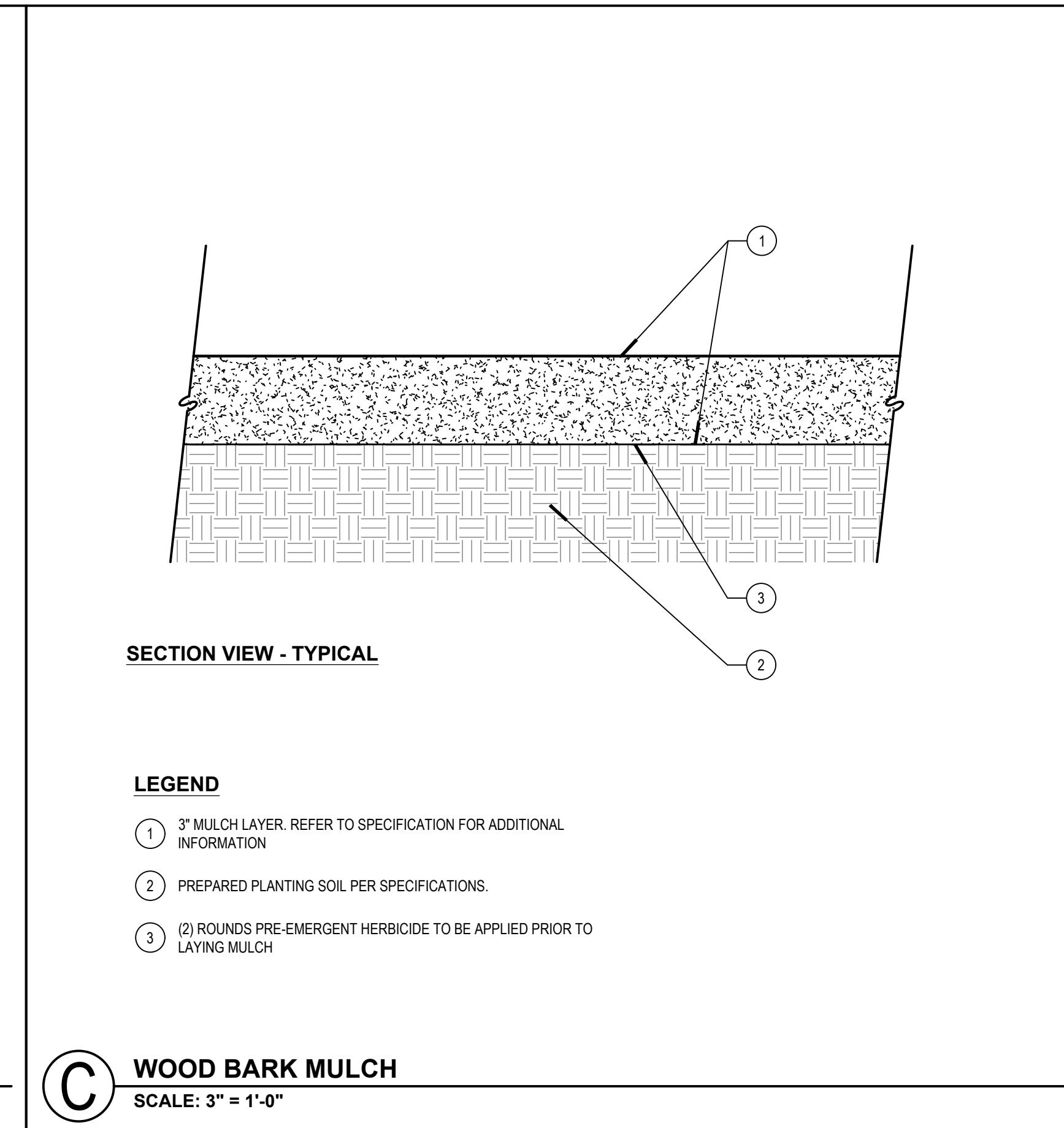
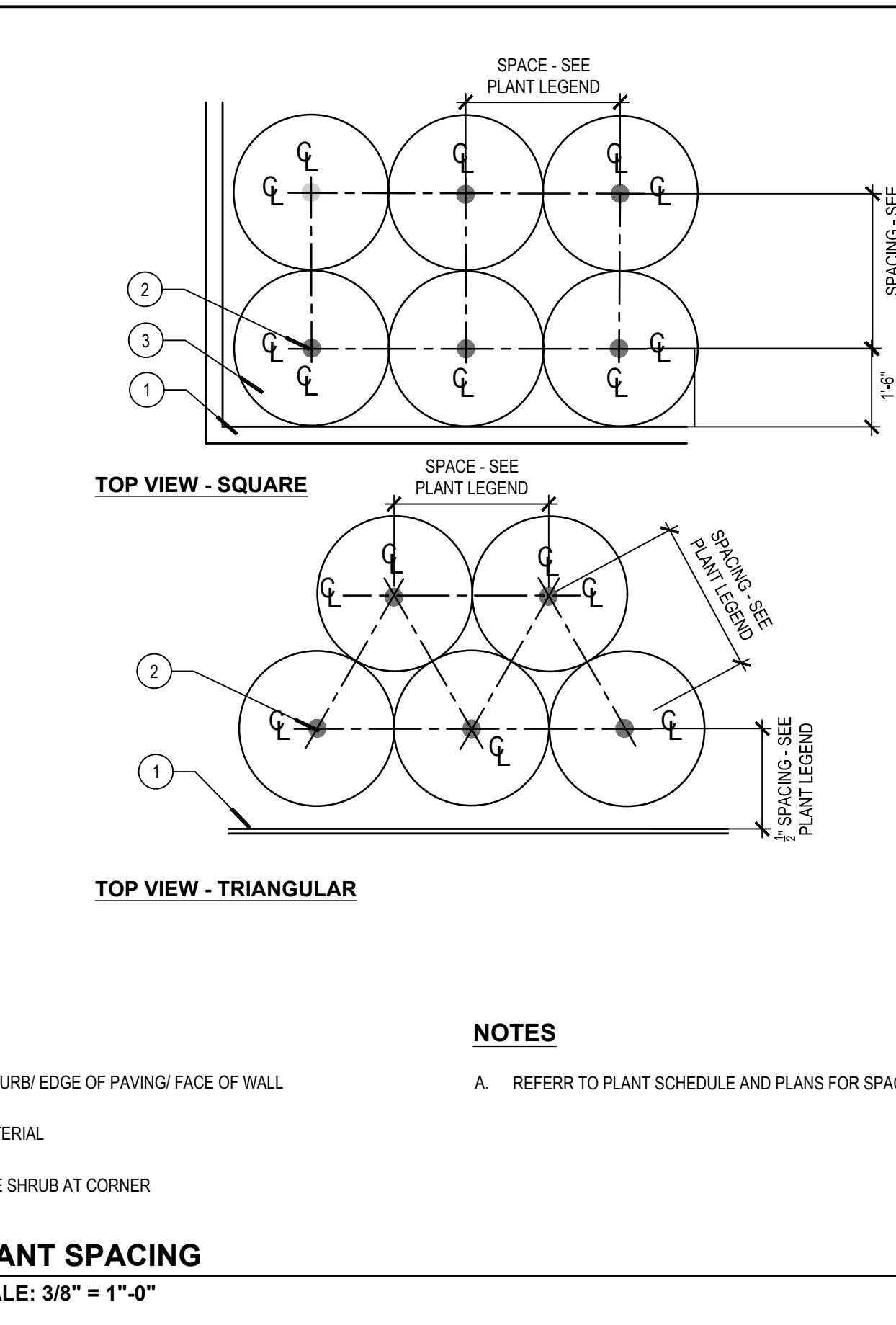
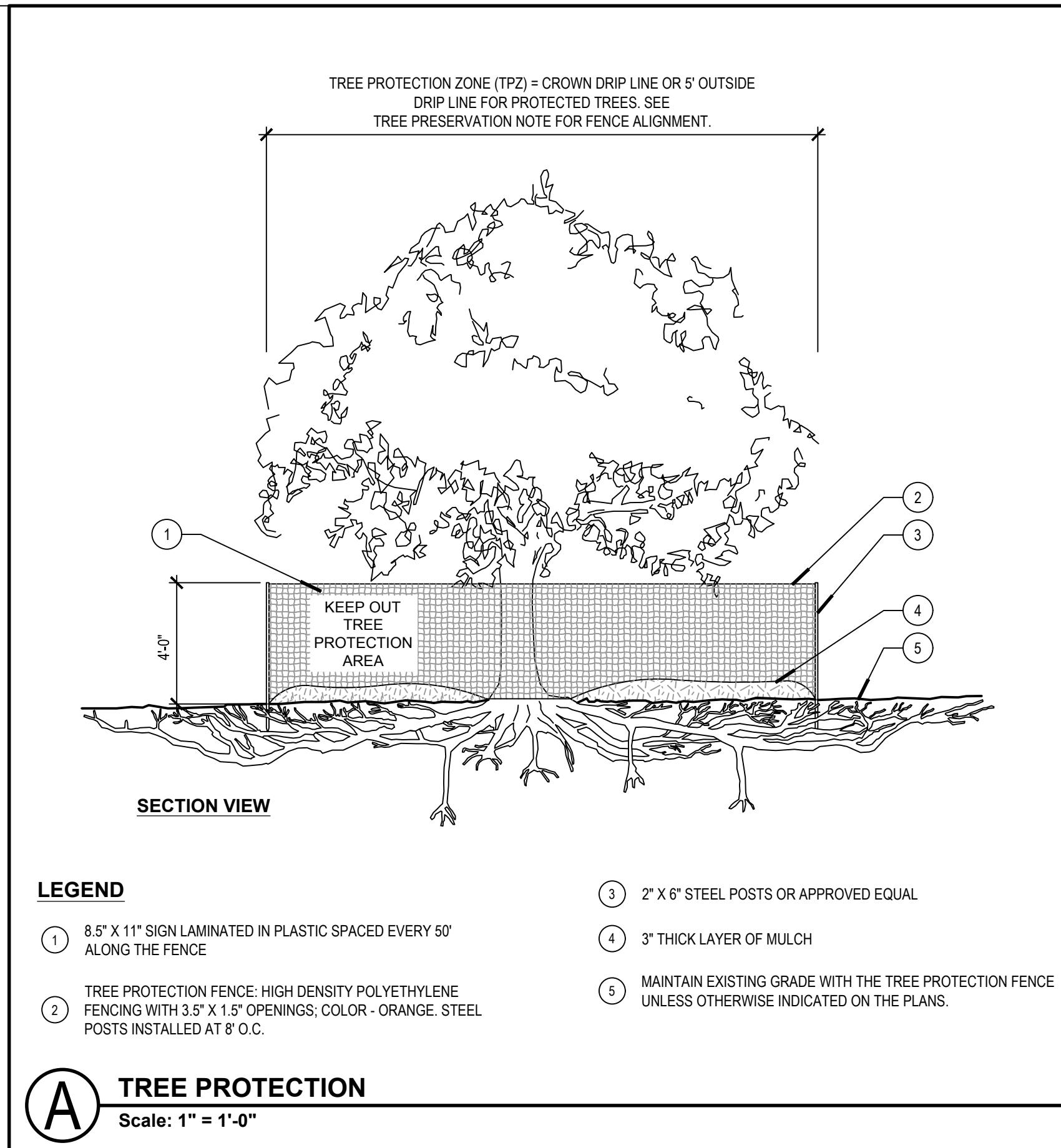
PLAN CHECK NO.  
00961364-PARK

PERMIT NO.

PHASE 1 100% CD SUBMITTAL						PORTOLA SPRINGS COMMUNITY PARK INDIGENOUS INTERPRETIVE SPACE - PHASE 1 CIP 372501		PLANTING DETAILS		CIP NO. 372501	
7						PLAN PREPARED BY:					
6											
5						3/31/2027					
4						Received Date 3/31/2025					
3						State of California Landscape Architectural Services, Inc.					
2											
1											
NO.	DATE	REVISIONS	ENGR.	APPROV.	DATE	CHECKED BY:	MD	DATE	12/18/2025		

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SHEET REVISED: 12-18-2025



PLAN CHECK NO.  
00961364-PARK

PERMIT NO.

7	6	5	4	3	2	1	PHASE 1 100% CD SUBMITTAL			PLAN PREPARED BY:		
NO.	DATE	REVISIONS	ENGR.	APPROV.	DATE		DRAWN BY:	RY / GP	DATE			
							DESIGNED BY:	MD	DATE			
							CHECKED BY:	MD	DATE			
										12/18/2025		

**PORTOLA SPRINGS COMMUNITY PARK  
INDIGENOUS INTERPRETIVE SPACE -PHASE 1 CIP 372501**  
**PLANTING DETAILS**  
**CITY OF IRVINE**  
**PUBLIC WORKS & SUSTAINABILITY DEPARTMENT**

CIP NO.  
372501

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