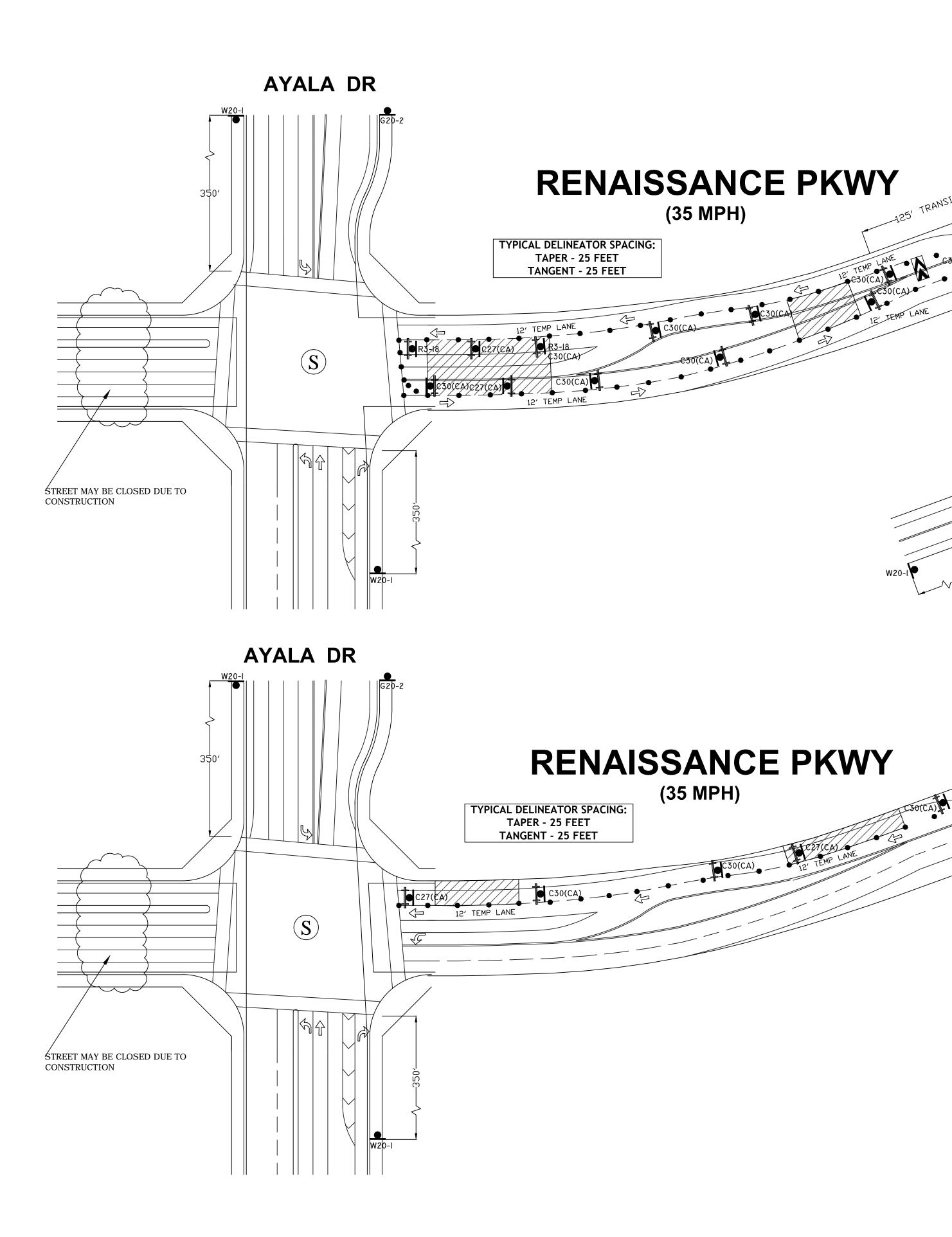


400 E. 6TH STREET CORONA, CA 92879

TO EASTON

SCALE =	DATE =	REVISED DATE =		
1'' = 50'	03/05/2018		SHEET 1 OF 3	

# **RENAISSANCE PKWY - WATER IMPROVEMENTS**



## LEGEND

C27(CA) = OPEN TRENCH C30(CA) = LANE CLOSED G20-2 = END ROAD WORK R3-18 = NO LEFT/U-TURN W20-1 = ROAD WORK AHEAD W20-5(L) = LEFT LANE CLOSED AHEAD W20-5(R) = RIGHT LANE CLOSED AHEAD

## **RENAISSANCE PKWY**

20-5(R

(35 MPH)

LAGGERS SHALL ASSIST VEHICULAR TRAFF THROUGH WORK ZONE WITH A 12' TEMP LANE

## TRAFFIC CONTROL PLAN GENERAL NOTES:

1. ALL WORK AND MATERIALS SHALL COMPLY WITH LATEST EDITION OF CALIFORNIA MUTCD.

2. ALL STRIPING AND MARKING SHALL CONFORM TO THE STATE OF CALIFORNIA, STANDARD PLANS AND SPECIFICATION (LATEST EDITION) INCLUDING STANDARD PLAN A-20 DETAILS.

3. CONTRACTOR SHALL PROVIDE ACCESS TO ALL ADJACENT PROPERTIES.

4. FLASHING YELLOW BEACONS, TYPE B, SHALL BE USED W20-1 SIGNS AND ON ALL TYPE III BARRICADES GUARDING THE WORK AREA OVERNIGHT.

5. ALL SIGNS SHALL BE REFLECTORIZED AND STANDARD SIZE.

6. ALL TUBULAR DELINEATORS SHALL BE 36" MINIMUM HEIGHT AND CONES SHALL BE 28" MINIMUM HEIGHT, REFLECTORIZED, AND MAINTAINED ERECT IN THE INDICATED POSITION AT ALL TIMES, AND SHALL BE REPAIRED, REPLACED OR CLEANED AS NECESSARY TO PRESERVE THEIR APPEARANCE AND CONTINUITY, AND SHALL INCLUDE A 12" HIGH-INTENSITY REFLECTORIZED SLEEVE, IF USED DURING NIGHT TIME HOURS.

7. THE CONTRACTOR SHALL CONTINUOUSLY MAINTAIN ALL SIGNS, DELINEATORS, BARRICADES, ETC., TO INSURE PROPER FLOW AND SAFETY OF TRAFFIC DURING CONSTRUCTION.

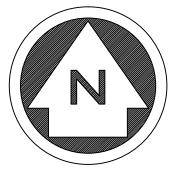
8. THE CONTRACTOR SHALL HAVE ALL SIGNS, DELINEATORS, BARRICADES, ETC., PROPERLY INSTALLED PRIOR TO COMMENCING CONSTRUCTION.

9. CONSTRUCTION OPERATIONS SHALL BE CONDUCTED IN SUCH MANNER AS TO CAUSE MINIMAL INCONVENIENCE TO ABUTTING PROPERTY OWNERS.

10. ADDITIONAL TRAFFIC CONTROL, TRAFFIC SIGNS OR BARRICADING MAY BE REQUIRED IN THE FIELD. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PLACEMENT OF ANY ADDITIONAL DEVICES NECESSARY TO ASSURE SAFETY TO THE PUBLIC AT AL TIMES DURING CONSTRUCTION.

400 E. 6TH STREET

CORONA, CA 92879

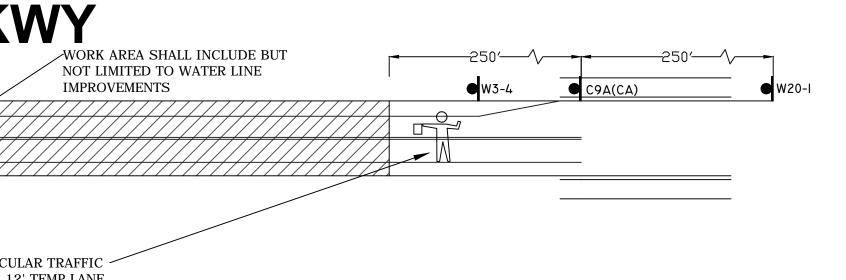


## **TYPICAL TRAFFIC CONTROL NOTES:**

· DELINEATORS SHALL BE DOUBLE-BASED WITH REFLECTIVE SLEEVES

## - BARRICADES SHALL HAVE FLASHING BEACONS OPERATING FROM DUSK TILL DAWN

- CONTRACTOR SHALL HAVE FLAGGERS ASSISTING VEHICULAR TRAFFIC WHEN DEEMED NECESSARY



## TRAFFIC CONTROL PLAN GENERAL NOTES:

11. CONTRACTOR SHALL MOVE DELINEATORS, SIGNS, AND CONES TO THE CURB/EDGE LINE STRIPE DURING NON-WORKING HOURS AND REMOVE BARRICADES, ETC., FROM TRAVEL LANES. CONTRACTOR SHALL REMOVE/TURN SIGNS DURING NON-WORKING HOURS.

12. ALL CONFLICTING LINES, EXISTING CURB PAINT AND MARKING SHALL BE REMOVED BY WET SANDBLASTING OR OTHER APPROVED METHOD PRIOR TO INSTALLATION OF NEW/TEMPORARY STRIPING. ALL CONFLICTING RAISED PAVEMENT MARKERS SHALL BE REMOVED. PAVEMENT THAT IS DAMAGED DUE TO REMOVAL OF MARKERS SHALL BE REPAIRED TO THE SATISFACTION OF THE CITY ENGINEER.

13. A MINIMUM OF 5 FEET CLEARANCES SHALL BE MAINTAINED BETWEEN ANY OPEN EXCAVATION AND ADJACENT TRAVEL LANES OPEN TO TRAFFIC.

14. THE CONTRACTOR SHALL REPLACE ANY AND ALL STRIPING AND PAVEMENT MARKINGS DISRUPTED OR REMOVED DURING CONSTRUCTION TO THE SATISFACTION OF THE CITY ENGINEER.

15. THE CONTRACTOR SHALL PROVIDE AND INSTALL TEMPORARY PAVEMENT TABS, TO DELINEATE ANY STRIPING OR MARKINGS REMOVED, BY THE END OF EACH WORK DAY (OR PHASE) UNLESS PERMANENT STRIPING OR MARKINGS ARE INSTALL AT THAT TIME.

16. ALL SIGNS, DELINEATORS, BARRICADES, ETC. AND THEIR INSTALLATION SHALL CONFORM TO THE LATEST EDITION OF CALIFORNIA MUTCD, WORK AREA TRAFFIC CONTROL HANDBOOK (WATCH).

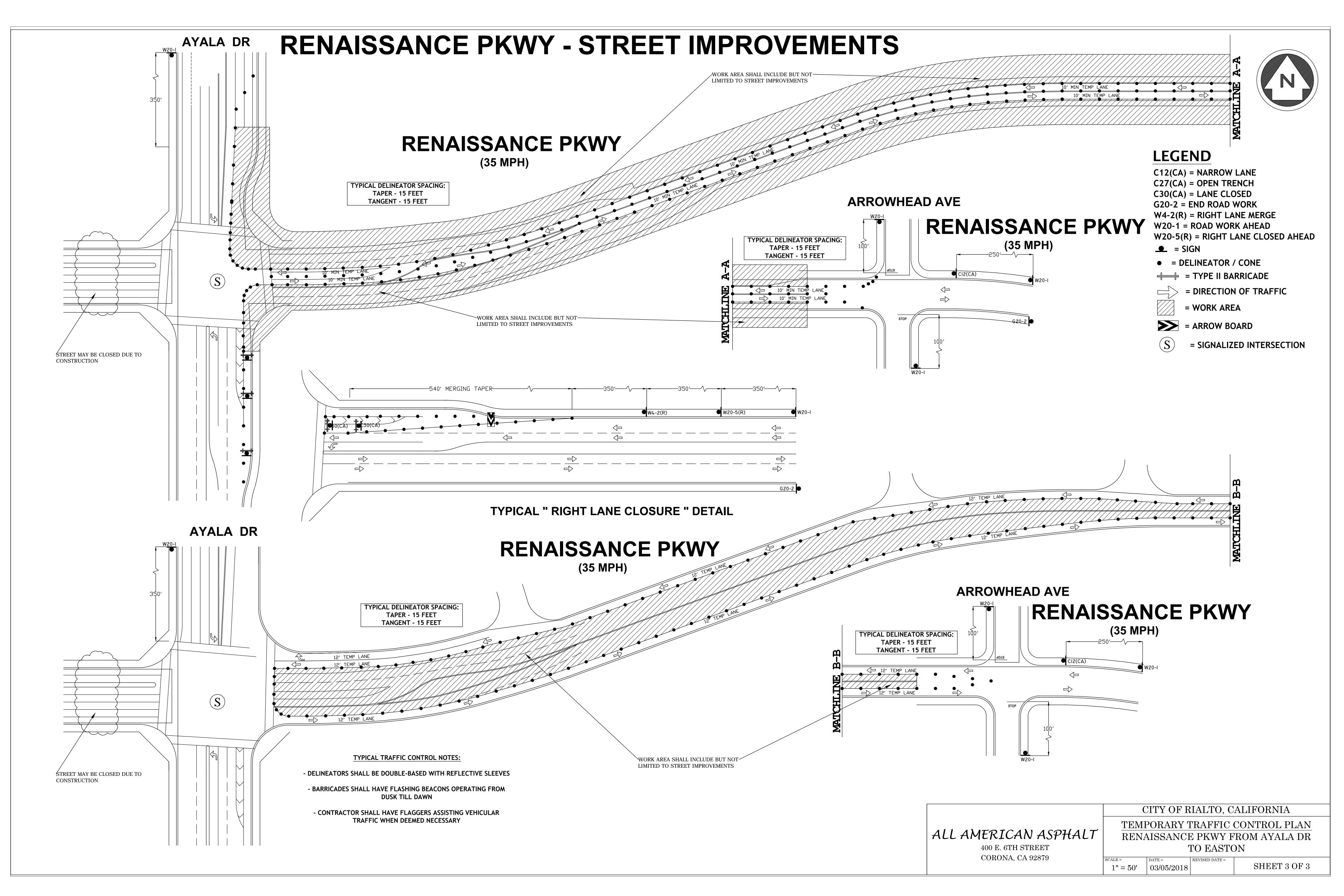
## CITY OF RIALTO, CALIFORNIA TEMPORARY TRAFFIC CONTROL PLAN ALL AMERICAN ASPHALT

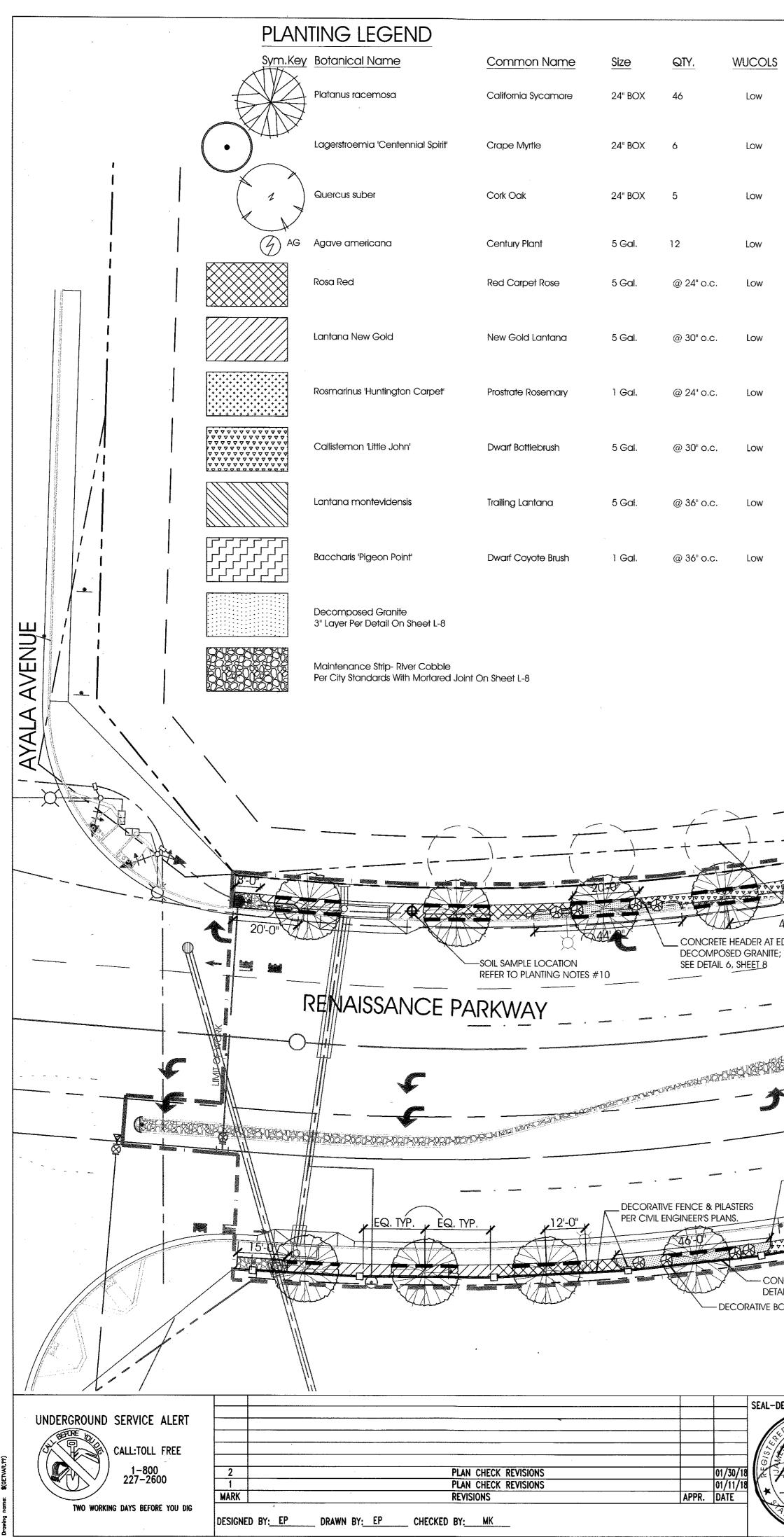
RENAISSANCE PKWY FROM AYALA DR TO EASTON

REVISED DATE =

SCALE =  $1'' = 50' \quad 03/05/2018$ 

DATE =

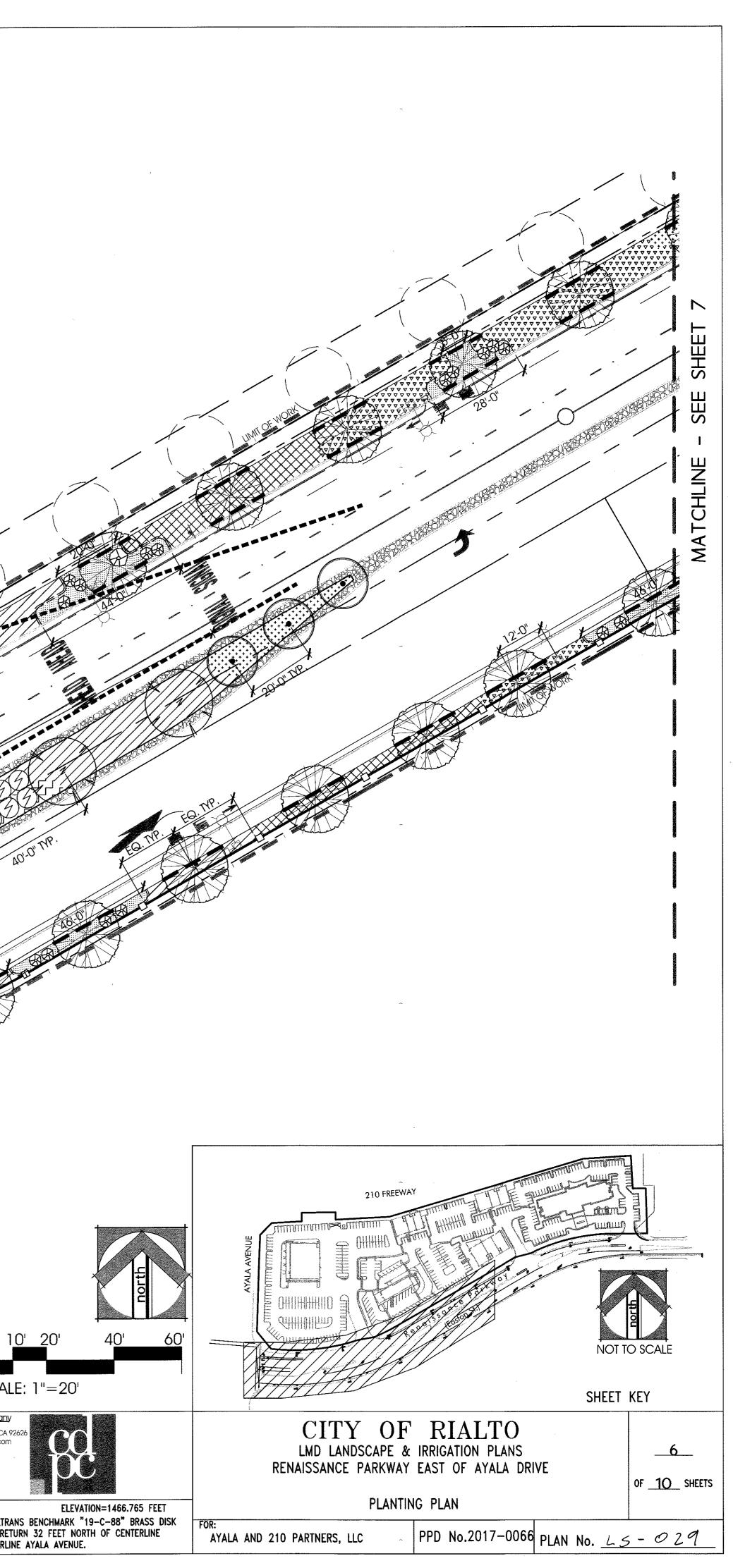


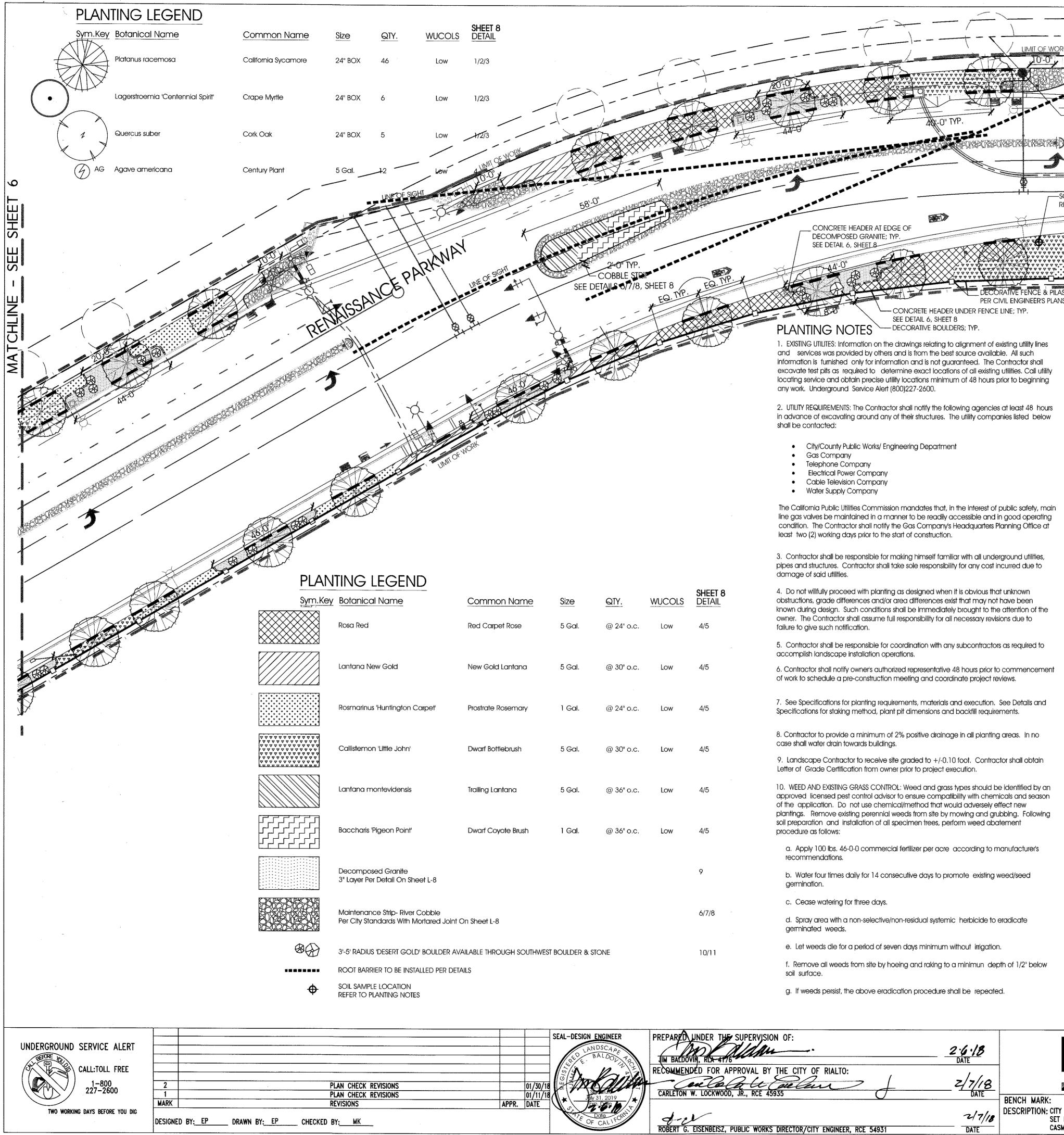


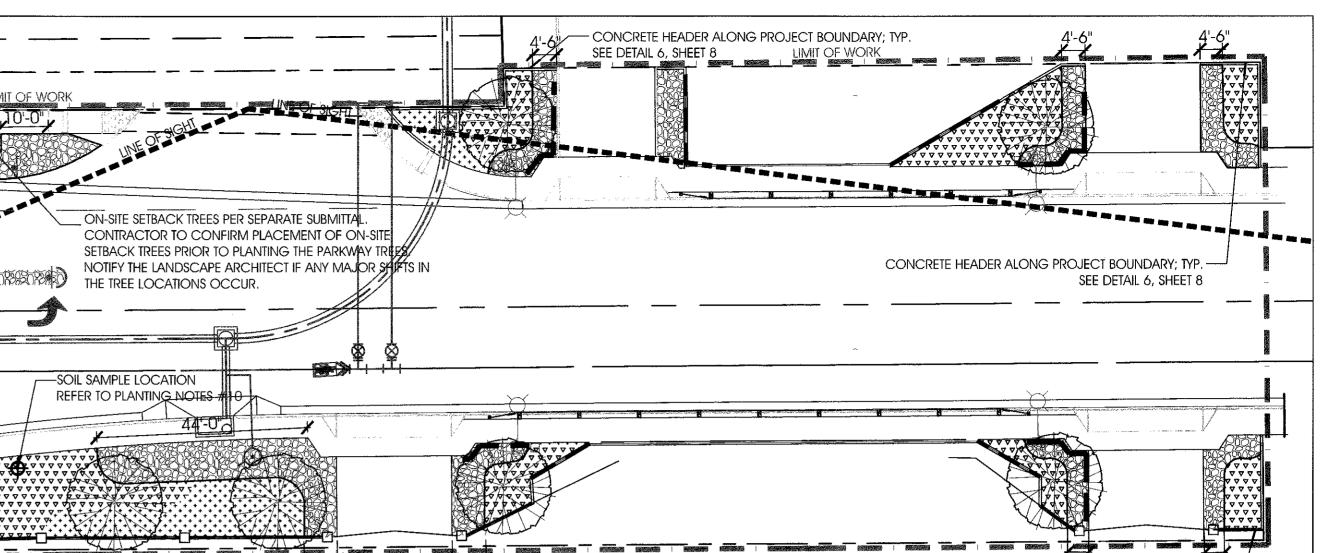
## Sheet 8 Detail

<u>.S</u>	DETAIL			
	2 (0)0	\$A	3'-5' RADIUS 'DESERT GOLD' BOULDER AVAILABLE THROUGH SOUTHWEST BOULDER & STONE	10/11
	1/2/3		ROOT BARRIER TO BE INSTALLED PER DETAILS	
	-		SOIL SAMPLE LOCATION	
	1/2/3	¢	REFER TO PLANTING NOTES	
			NOTE GRAPHIC SYMBOLS TAKE PRECEDENCE OVER WRITTEN QUANTITIES AND KEYS ON PLAN.	
	1/2/3		SUBSTITUTIONS, INCLUDING VARIETIES, WILL NOT BE MADE WITHOUT WRITTEN APPROVAL FROM THE CITY OF RIALTO.	
			SOILS REPORT	
	4		Soil testing shall occur after all soil has been imported to the site, but prior to soil preparation. The contractor shall obtain a soils test for agricultural suitability and fertility prepared by a california	
			ASSOCIATION OF AGRICULTURAL LABORATORIES MEMBER, REPORT SHALL CONTAIN RECOMMENDATIONS FOR SOIL PREPARATION AND BACKFILL MIX. THIS REPORT SHALL BE FURNISHED TO THE OWNER AND OWNER'S REPRESENTATIVE	
	4/5		FOR REVIEW PRIOR TO IMPLEMENTATION. TWO SAMPLES SHALL BE TAKEN AT EACH LOCATION MARKED ON THE	
			PLANTING PLAN, (1) GROUND LEVEL TO 10" DEEP; (2) 24" TO 36" DEEP. EACH SAMPLE SHALL CONTAIN APPROXIMATELY ONE QUART OF SOIL AND BE LABELED PER LOCATION AND DEPTH.	
			REFER TO SOIL PREPARATION SPECIFICATIONS FOR REQUIRED COMPACTION, METHOD OF MIXING, AND PROOF OF INSTALLATION REQUIREMENTS.	
	4/5		PLANT MATERIAL APPROVAL	
			AFTER OBTAINING APPROVAL OF THE AGRICULTURAL SUITABILITY REPORT, AND A MINIMUM OF TWO WEEKS PRIOR TO PLANTING, THE CONTRACTOR SHALL SUBMIT TO THE OWNER / OWNER'S REPRESENTATIVE PLANT MATERIAL PHOTOS FOR	
	4/5		APPROVAL. IF REQUESTED BY THE OWNER, THE LANDSCAPE ARCHITECT WILL TAG THE TREE MATERIAL.	
			ONE PRINTED PHOTOGRAPH OF EACH SPECIES SPECIFIED ON PLAN SHALL BE PROVIDED. ONLY PRINTED PHOTOS WILL BE ACCEPTED.	
			EACH PHOTO SHALL CLEARLY SHOW FORM, BRANCHING STRUCTURE AND QUINTILE OF THE PLANT.	
	4/5		EACH PHOTO SHALL BE LABELED WITH PLANT NAME, SIZE AND SPECIFICATIONS (HEIGHT x CROWN, ALSO CALIPER SIZE	
			FOR TREES).	
	4/5		ANY PHOTO SHOWING A GROUP OF PLANTS CLOSE TOGETHER WILL NOT BE ACCEPTED.	
			NO PARTIAL OR INCOMPLETE SUBMITTAL WILL BE ACCEPTED FOR REVIEW. ANY REJECTED SPECIES SHALL BE SUBJECT TO RESUBMITTAL.	)
	4/5		PLANTS DELIVERED TO THE PROJECT SITE WILL BE COMPARED TO THE APPROVED SUBMITALS. IF THE PLANTS DELIVERED	
	4/0		ARE FOUND TO BE SUBSTANDARD, THEY MAY BE REJECTED AT ANY TIME PRIOR TO FINAL ACCEPTANCE. NO PARTIAL OR INCOMPLETE SUBMITTAL WILL BE ACCEPTED FOR REVIEW, ANY REJECTED SPECIES SHALL BE SUBJECT TO	
			RESUBMITTAL.	
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			OF WORK	
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	THE TREE LOCATIO	ONS OCCUR.		
		IVE	COBBLE STRIP	
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	WINDOWS OF THE STORE			
		E	1'-0" TYP. COBBLE STRIP	
<b>\$</b> 5		S	EE DETAILS 6/7/8, SHEET 8	
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	DECOMPOSED GRANITE; 1 SEE DETAIL 6, SHEET-8	IVP.		
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			conceptual design & planning company
DESIGN ENGINEER	PREPARED UNDER THE SUPERVISION OF:		3195-C Airport Loop Dr. Studio One, Costa Mesa, CA 9
P LANDSCAPE		2.6.10	T: 949.399.0870 F: 949.399.0882 www.cdpcinc.com
EVEL BALDON YP	JIN BALDOVIN) RLA 4176	DATE	6659 Morro Road, Atascadero, CA 93422
	RECOMMENDED FOR APPROVAL BY THE CITY OF RIALTO.	11	T; 805.466.3385 F; 805.466.3204
MRK ALANA	actulo et veland	Z/7/18	
Signature	CARLETON W. LOCKWOOD, JR., RCE 45935	DATE	
JP Patelo V	Ŭ		BENCH MARK: B.M. No. 061-88
ATE DOLE FORM	1.1.1	2/7/18	DESCRIPTION: CITY OF RIALTO BENCHMARK "061-88" CALTRA SET IN TOP OF CURB AT END NORTHWEST RET
OF CALL	ROBERT G. EISENBEISZ, PUBLIC WORKS DIRECTOR/CITY ENGINEER, RCE 54931		CASMALIA STREET 67 FEET WEST OF CENTERLI







ENCE & PILASTERS PER CIVIL ENGINEER'S PLANS.

. EXISTING UTILITES: Information on the drawings relating to alignment of existing utility lines excavate test pits as required to determine exact locations of all existing utilities. Call utility locating service and obtain precise utility locations minimum of 48 hours prior to beginning

2. UTILITY REQUIREMENTS: The Contractor shall notify the following agencies at least 48 hours in advance of excavating around any of their structures. The utility companies listed below

The California Public Utilities Commission mandates that, in the interest of public safety, main line gas valves be maintained in a manner to be readily accessible and in good operating condition. The Contractor shall notify the Gas Company's Headquarters Planning Office at

3. Contractor shall be responsible for making himself familiar with all underground utilities, pipes and structures. Contractor shall take sole responsibility for any cost incurred due to

5. Contractor shall be responsible for coordination with any subcontractors as required to

6. Contractor shall notify owner's authorized representative 48 hours prior to commencement

10. WEED AND EXISTING GRASS CONTROL: Weed and grass types should be identified by an approved licensed pest control advisor to ensure compatibility with chemicals and season plantings. Remove existing perennial weeds from site by mowing and grubbing. Following

conceptual design & planning company

: 949,399,0870 F: 949.399.0882 www.cdpcinc.com

195-C Airport Loop Dr, Studio One, Costa Mesa, CA 92626

6659 Motto Roady Atascadero, CA 93422 T: 805,466.3385 F: 805.466.3204 BENCH MARK: B.M. No. 061-88 DESCRIPTION: CITY OF RIALTO BENCHMARK "061-88" CALTRANS BENCHMARK "19-C-88" BRASS DISK CASMALIA STREET 67 FEET WEST OF CENTERLINE AYALA AVENUE.

locations.

12. SOIL PREPARATION: For bid purposes, assume the rototilling of the following amendments into the soil at rates indicated per 1,000 square feet:

- 5 C.Y. nitrogen stabilized redwood shavings 150 lbs. gypsum

 125 lbs. Gro Power Plus 13. BACKFILL: For bid purposes, follow the Planting Specifications Section VIII, H. 14. Above soil preparation and backfill specifications are for bidding purpose only. Contractor to amend soil and prepare backfill in accordance with approved soil fertility analysis recommendations. achieve a uniform overall appearance. 15. All soil for landscape planting areas or berms shall be obtained from on-site excavations. Under no circumstances, concrete and other debris may be crushed and reused as fill in grading. planting area. Should import soil be necessary, indicate source location. Soil shall be

27. At edges of planting areas, the center line of the last row of shrubs and/or groundcover shall be located no farther from the edge than one-half the specified on-center spacing unless otherwise indicated on plans. Groundcover shall be triangularly spaced. 28. In areas with existing turf or groundcover, Contractor shall be responsible for repair of bare spots and all scars due to irrigation installation or re-grading, and shall match existing planting to 29. Location of existing trees are approximate. If during grading operation, existing grade cannot be maintained within dripline of trees, contact the Owner's representative for direction prior to sandy loam containing no toxic chemicals. Submit Agricultural Suitability and Fertility Testing 30. All trees in parking islands and planters less than 10' wide shall have ribbed continuous 24" deep root barriers by Century Products CP-Series; ph: (714) 632-7083 or Deep Root Corporation for this import to Owner's Representaive for approved prior to soil importation. Test report shall include soil amendment recommendations and be done by an approved California UB 24-2: ph: (800) 458-7668. Association of Agricultural Laboratories member.

representative.

precedence over written quantities.

shall water drain towards buildings.

16. After ammending soil, but prior to planting, Contractor shall perform percolation test at selected location(s) shown on tree planting plan. Notify Landacape Architect 48 hours prior to the test. Test as follows. Contractor shall record the result and submit to Landscape Architect:

• Dig 24" box-size pit and scarify the sides; fill with clean water by hose at the bottom of the pit and let it drain.

the water level as it drains. If the second refilled water drains 2 inches per one hour or faster, tree may be installed without drain sump. If the water drains slower, the Contractor shall notify the Landscape Architect and install the drain sump per details.

17. Contractor's initial bid shall include drain sump with cost itemized. If the test proves that it is not necessary, supply credit to the Owner.

18. All shrub/groundcover areas shall be top dressed with a 2" deep layer of shredded, composted wood fiber mulch 'Forest Floor' (1/2" to]-1/2" pieces) by Aguinaga Fertilizer Company (949)786-9558 or approved equal. Contractor shall submit 1 (one) quart bag of actual mulch sample for approval prior to installation.

19. Concrete mowstrip shall be installed per detail wherever groundcover areas meet turf areas as indicated on the drawings.

20. Plant material approval: After obtaining approval for agricultural soils report and amendments, and two weeks prior to planting, Contractor shall submit to Landscape Architect one printed color photograph of each species and size plant material specified on plan for approval. Photographs shall include a person of average height for scale purposes. All plant material shall be of quality as determined by the Owner's representative. If requested by Owner, Landscape Architect will tag the tree material. Material found unsuitable for the design or specification intent will be replaced by the Contractor at the Contractor's expense.

21. All plant material of a given species shall have matching form unless otherwise specified. All boxed trees shall be of quality as determined by the Owner's representative.

11. SOIL TESTING: The Contractor shall obtain a Soils Test for Agricultural Suitability and Fertility prepared by a California Association of Agricultural Laboratories member. Soil testing shall occur after all soil has been imported to the site and rough grade established, but prior to soil preparation, Report shall contain recommendations for soil preparation and backfill mix. This report shall be furnished to the Owner and Owner's representative for review prior to implementation. Two (2) samples shall be taken at each of the minimum of two (2) locations; (1) 10" deep and (2) 24" to 36" deep. Each sample shall contain approximately one quart of soil and be labeled per location and depth. See planting plan for sample

Immediately after it drains completely, refill 12" deep with clean water and record

31. Contractor shall obtain copy of the latest parking lot striping plan. Trees that are intended to be placed in line with parking stripes shall correspond with this plan. Contact Owner's representative immediately if conflicts occur between trees and light standards.

CONCRETE HEADER ALONG PROJECT BOUNDARY; TYP.

22. It is the Contractor's responsibility to furnish plant material free from pests or plant diseases

and disease free prior to shipment. It is the Contractor's obligation to provide any required

certifications and warranty for all plant material per the Specifications.

work to schedule a pre-construction meeting and coordinate project review.

25. Contractor shall verify plant material quantities on the plan. Graphic symbols take

Pre-selected or 'tagged' material must be inspected by the Contractor and certified to be pest

23. Final location of all plant material shall be subject to the approval of the owner's authorized

24. Contractor shall notify owner's authorized representative 48 hours prior to commencement of

26. Contractor to provide a minimum of 2% positive drainage in all planting areas. In no case

SEE DETAIL 6, SHEET 8

32. Annual color shall be selected by Owner's representative at time of installation.

31. Excavation around existing trees to be preserved: The Contractor shall use all possible care to avoid injury to trees and tree roots. Excavation shall be done by hand where roots that are two (2) inches or larger in diameter occur. All roots two (2) inches and larger in diameter, except directly in the path of pipe or conduit, shall be tunneled under and shall be heavily wrapped with wet burlap to prevent scarring or excessive drying. Where a trenching machine is run close to trees having roots smaller than two (2) inches in diameter, the wall of the trench adjacent to the tree shall be hand-trimmed, making clean-cuts through, with equipment that has been cleaned and disinfected prior to use onsite. Roots one (1) inch and larger in diameter shall be painted with two coats of Tree Seal or equal. Trenches adjacent to trees shall be closed within twenty four (24) hours; and where this is not possible, the side of the trench adjacent to the tree shall be kept shaded with burlap or ĉanvas and kept damp.

34. Protection of existing trees: Construct 4' high chainlink fence or other approved protective fencing around the tree per Arborist's recommendations. Contact Owner's Representative for location of the fence if not shown on the plan. Do not enter, or place objects within fenced area. Place 3" layer of mulch within the fenced area, but keep mulch off trunk. Post at least three (3) legible signs on the fence stating, 'DO NOT ENTER. NO DUMPING. DO NOT PLACE OBJECT INSIDE THE FENCE'. Contractor shall maintain fenced area clear of objects at all times. Wash foliage once a week after construction activity has stopped for the day.

