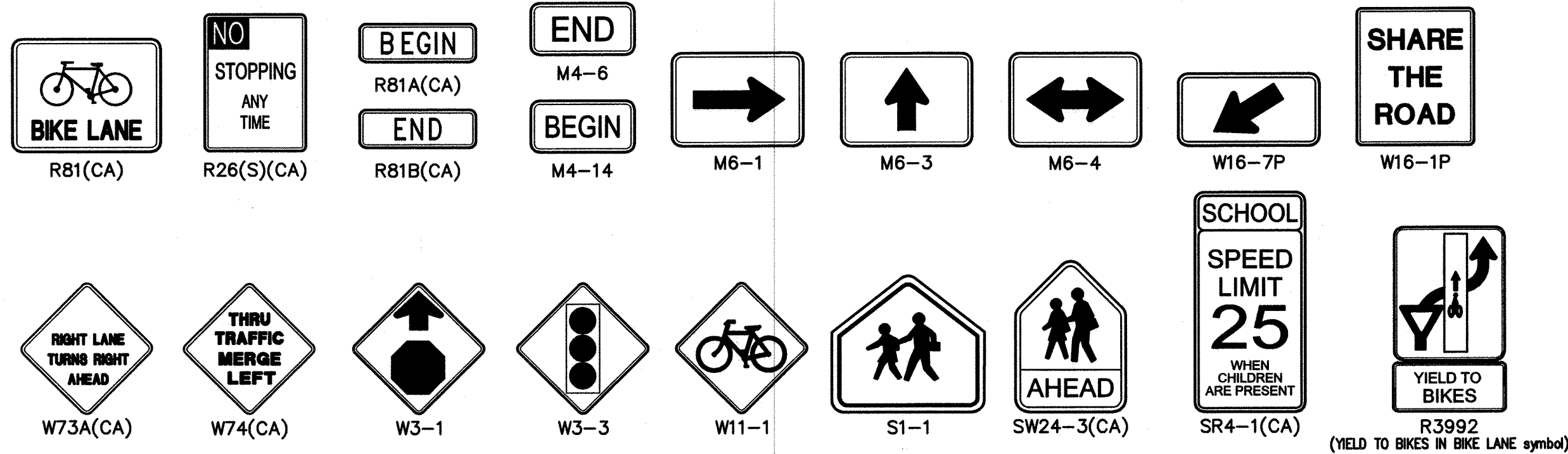


GENERAL STREET NOTES

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH CITY OF RIALTO STANDARD DRAWINGS, STANDARD SPECIAL PROVISIONS, AND THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, WITH SUPPLEMENTS. ANY VARIATION FROM OR EXCEPTION TO THE STANDARDS OR FOLLOWING GENERAL NOTES MUST BE APPROVED BY THE CITY ENGINEER.
2. ALL EXISTING IMPROVEMENTS INCLUDING CURB AND GUTTERS, SIDEWALKS, ASPHALT/CONCRETE OR P.C.C. PAVING, WHICH ARE BEING JOINED OR MATCHED SHALL BE DONE TO THE SATISFACTION OF THE CITY ENGINEER, INCLUDING NECESSARY SAW CUTTING, REMOVAL, REPLACEMENT AND CAPPING.
3. ANY EXISTING TRAVEL WAYS IN WHICH AN EXCAVATION IS MADE IN CONJUNCTION WITH THIS PROJECT SHALL REQUIRE CITY OF RIALTO PERMIT. THIS AREA SHALL BE PROPERLY POSTED AND LIGHTED IN CONFORMANCE WITH THE STATE MANUAL OF WARNING SIGNS, LIGHTS, AND DEVICES FOR USE IN PERFORMANCE OF WORK UPON HIGHWAYS IN ORDER TO ELIMINATE ANY HAZARDS. STREET SHALL BE SURFACED WITH A MINIMUM OF 2" OF ASPHALT AT THE END OF EACH WORKING DAY.
4. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND SHALL NOTIFY THE CITY FIELD INSPECTORS AT LEAST 48 HOURS PRIOR TO STARTING EACH PHASE OF CONSTRUCTION AND PRIOR TO REQUIRING INSPECTION.
5. ADVERTISING SIGNS WILL NOT BE PERMITTED WITHIN THE STREET RIGHT-OF-WAY.
6. COMPACTION TESTING SHALL BE PERFORMED BY THE SOILS ENGINEER TO THE SATISFACTION OF THE CITY ENGINEER. THE SUBGRADE SHALL BE COMPACTED TO 90% WITH THE TOP 6 INCHES BELOW THE ASPHALT PAVING COMPACTED TO 95%. IF THE AGGREGATE BASE IS THICKER THAN ONE FOOT, THE ENTIRE THICKNESS OF THE BASE MATERIAL SHALL BE COMPACTED TO 95%.
7. TRAFFIC CONTROL AND SAFETY DEVICES SHALL BE PLACED AND MAINTAINED PER THE LATEST EDITION OF THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND TO THE SATISFACTION OF THE CITY ENGINEER.
8. NOTICE TO CONTRACTORS: THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY A SEARCH OF THE AVAILABLE RECORDS. APPROVAL OF THESE PLANS BY THE CITY OF RIALTO DOES NOT CONSTITUTE A REPRESENTATION AS TO THE ACCURACY OR COMPLETENESS OF THE LOCATION OR EXISTENCE OR NON-EXISTENCE OF ANY UNDERGROUND UTILITY PIPE OR STRUCTURE WITHIN THE LIMITS OF THIS PROJECT. THE CONTRACTOR IS REQUIRED TO TAKE ALL DUE PRECAUTIONARY MEANS TO PROTECT THE UTILITY LINES NOT OF RECORD OR NOT SHOWN ON THESE PLANS.
9. PRIOR TO THE CITY RELEASING THE BOND FOR THE PUBLIC IMPROVEMENTS, THE ENGINEER OF RECORD SHALL SUBMIT A COMPLETE SET OF "AS BUILT" PLANS ON MYLAR TO THE CITY ENGINEERING SECTION AND THE TIE SHEETS FOR NECESSARY MONUMENTATION SHALL ALSO BE SUBMITTED TO THE CITY.
10. STATE LAW (SB 3019) REQUIRES THE CONTRACTOR TO CONTACT UNDERGROUND SERVICE ALERT AND OBTAIN AN IDENTIFICATION NUMBER PRIOR TO THE ISSUANCE OF THE CITY'S ENCROACHMENT PERMIT. THE CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT TWO FULL WORKING DAYS (48 HOURS MINIMUM) IN ADVANCE OF ANY CONSTRUCTION ACTIVITIES, INCLUDING PAVEMENT REMOVAL, EXCAVATION AND A.C. OVERLAY, WHICH COULD AFFECT ANY UNDERGROUND UTILITY.
11. PRIOR TO ANY CONSTRUCTION WORK, THE CONTRACTOR SHALL OBTAIN A CITY BUSINESS LICENSE AND PERMIT.
12. PRIOR TO TAKING ANY WATER FROM A FIRE HYDRANT, THE CONTRACTOR SHALL MAKE ARRANGEMENTS TO OBTAIN A FIRE HYDRANT WATER METER.
13. ALL STREET TRENCHING, BACKFILLING AND PAVEMENT REPAIRS SHALL BE DONE IN ACCORDANCE WITH CITY STANDARD NO. SC-231.
14. CONTRACTOR SHALL REMOVE AND/OR INSTALL PAVEMENT MARKINGS AND STRIPING. PLACEMENT AND SCHEDULING TO BE DETERMINED BY INSPECTOR IN THE FIELD.
15. THE CONTRACTOR SHALL NOT ORDER OR PLACE ANY PORTLAND CEMENT CONCRETE OR ASPHALT CONCRETE PAVING UNTIL THE FORMS AND SUBGRADE AND/OR AGGREGATE BASE HAVE BEEN INSPECTED AND APPROVED BY THE CITY INSPECTOR IN THE FIELD.
16. STRICT ADHERENCE TO DUST CONTROL REQUIREMENTS SHALL BE ENFORCED, AND ALL DUST SHALL BE CONTROLLED BY WATERING, UNLESS OTHERWISE APPROVED BY THE CITY ENGINEER.
17. IF ANY EXISTING UTILITIES OR ANY OTHER FACILITIES CONFLICT WITH THE PROPOSED IMPROVEMENTS, WORK SHALL STOP AND THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY.
18. THE FINAL OR SURFACE LAYER OF ASPHALT CONCRETE SHALL NOT BE PLACED UNTIL ALL ON-SITE IMPROVEMENTS HAVE BEEN COMPLETED, INCLUDING ALL GRADING AND UNTIL ALL UNACCEPTABLE CONCRETE AND/OR ASPHALT WORK HAS BEEN REMOVED AND REPLACED, UNLESS OTHERWISE APPROVED BY THE ENGINEER.
19. REPAIR OR REPLACE ANY DAMAGED OR ALTERED EXISTING IMPROVEMENTS WITHIN PUBLIC RIGHT-OF-WAY AS DIRECTED BY THE ENGINEER IN THE FIELD.
20. ALL SURVEY MONUMENTS SHALL BE PROTECTED AND PERPETUATED IN PLACE. ANY DISTURBED OR COVERED MONUMENTS SHALL BE RESET BY A QUALIFIED REGISTERED CIVIL ENGINEER OR A LICENSED LAND SURVEYOR.
21. ANY CONTRACTOR PERFORMING WORK ON THIS PROJECT, SHALL FAMILIARIZE THEMSELVES WITH THE WORK SITE AND SHALL BE SOLELY RESPONSIBLE FOR ANY DAMAGE TO EXISTING FACILITIES RESULTING DIRECTLY OR INDIRECTLY FROM THEIR OPERATIONS, WHETHER OR NOT SUCH FACILITIES ARE SHOWN ON THESE PLANS.
22. CARE SHOULD BE TAKEN TO PREVENT GRADED DITCHES AND SWALES FROM UNDERMINING STREET IMPROVEMENTS. UPON INSPECTION OF THE SITES, THE CITY ENGINEER MAY REQUIRE TEMPORARY GUNITE SWALES, ENTERING OR LEAVING IMPROVEMENTS.
23. ALL AREAS TO BE PAVED SHALL BE STERILIZED AS DIRECTED BY THE CITY ENGINEER PRIOR TO PAVING.
24. A SEAL COAT OF SSIH WILL BE REQUIRED ON ALL NEW ASPHALT CONCRETE APPLIED AT THE RATE OF 0.075 GALLS PER SQUARE YARD.

SIGN LEGEND



UNDERGROUND SERVICE ALERT (USA)



MARK	REVISIONS	APPR.	DATE
DESIGNED BY: AO	DRAWN BY: AO	CHECKED BY: MG	

SEAL-DESIGN ENGINEER



PREPARED UNDER THE SUPERVISION OF:

MING GUAN, RCE 75793 7/24/19 DATE

RECOMMENDED FOR APPROVAL BY: 7/25/19 DATE

AZZAM MABSEH, RCE 61198

APPROVED BY: 7/25/19 DATE

HECTOR GONZALEZ, PRINCIPAL CIVIL ENGINEER, RCE 79797



3190 C. SHELBY STREET
ONTARIO, CALIFORNIA 91764
Tel: (909) 890-9693 Fax: (909) 890-9694

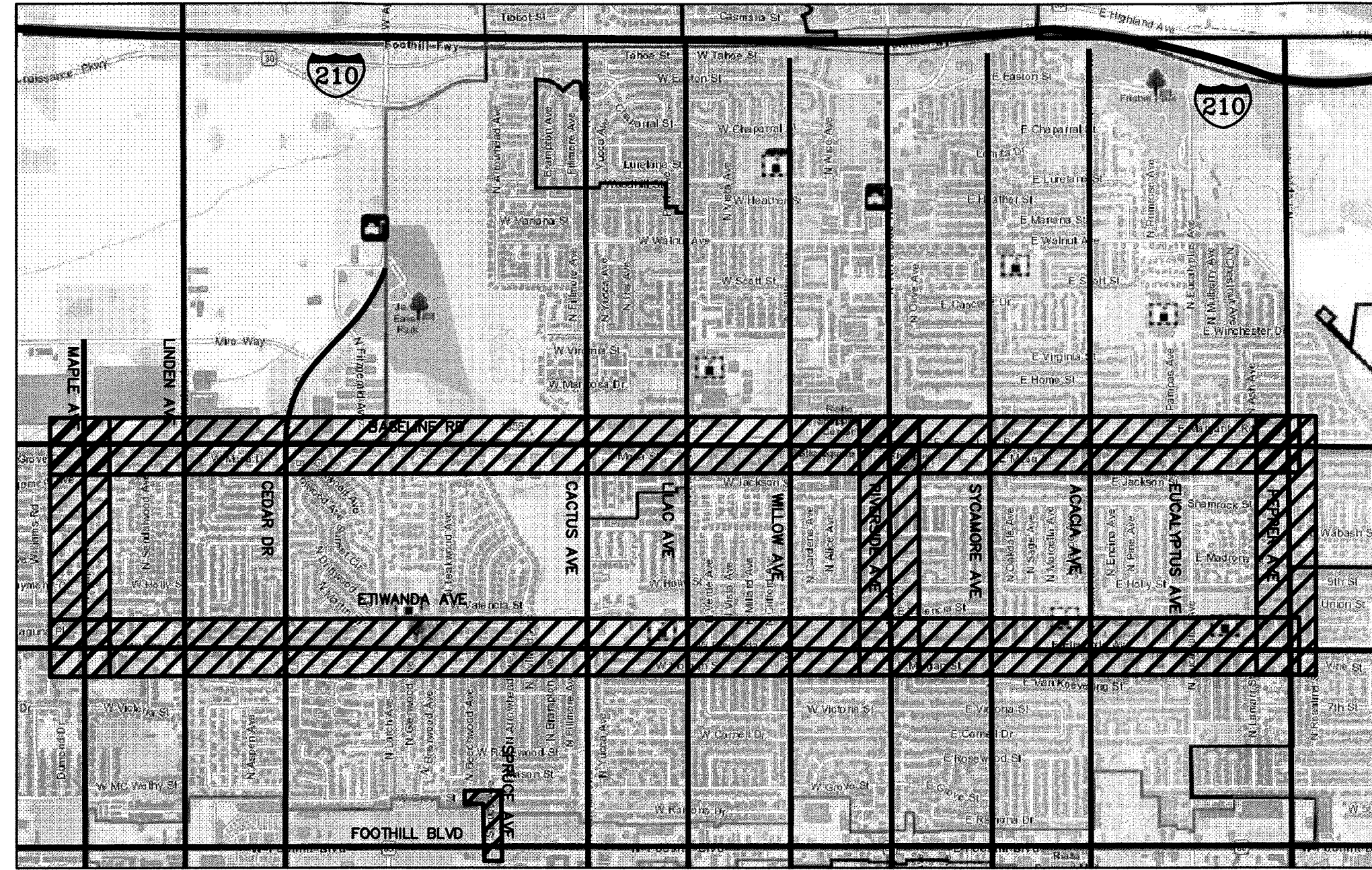
CITY OF RIALTO
ETIWANDA IMPROVEMENT PROJECT
TITLE SHEET

FOR: CITY OF RIALTO

PLAN NO. T-642

1
OF 34 SHEETS

CITY OF RIALTO
ETIWANDA CORRIDOR IMPROVEMENTS
CITY PROJECT ID:160805
ATP FPN-5205(023); PPN01182



PROJECT SITE VICINITY MAP
N.T.S.

CITY OF RIALTO CONSTRUCTION INSPECTION HOURS
7:00 A.M. TO 5:00 P.M.-MONDAY THROUGH THURSDAY

INDEX OF SHEETS

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TRAFFIC SIGNAL MODIFICATION SHEET.....	SHEET 33-34

SIGNING & STRIPING GENERAL NOTES

1. SIGNING AND STRIPING SHALL CONFORM TO LATEST CALIFORNIA MANUAL OF TRAFFIC CONTROL DEVICES (CA-MUTCD), CALTRANS STANDARD PLANS AND SPECIFICATIONS, AND THESE PLANS AND THE SPECIAL PROVISIONS.
2. CONTRACTOR SHALL FURNISH AND INSTALL ALL TRAFFIC SIGNS, SIGN POSTS, PAVEMENT MARKINGS, RAISED PAVEMENT MARKERS, AND ALL OTHER EQUIPMENT AND HARDWARE IN ACCORDANCE TO THE SPECIFICATIONS.
3. THE CONTRACTOR SHALL INSTALL BLUE RAISED PAVEMENT MARKERS ADJACENT TO ALL FIRE HYDRANTS WITHIN THE PROJECT LIMITS IN ACCORDANCE TO THE SPECIFICATIONS.
4. ALL TRAFFIC STRIPES AND PAVEMENT MARKINGS SHALL BE PAINT UNLESS NOTED OTHERWISE AND SHALL BE INSTALLED IN ACCORDANCE WITH CALTRANS STANDARD WHETHER NEW OR NOT.
5. ALL NEW STRIPING SHALL BE CAT TRACKED AND APPROVED BY THE CITY ENGINEER PRIOR TO THE APPLICATION.
6. PRIOR TO FINAL ACCEPTANCE OF STREET IMPROVEMENTS, ALL EXISTING NON-CONFLICTING STREET STRIPING AND STENCILING WITHIN THE PERIMETER OF THE CONSTRUCTION AREA SHALL BE RESTORED TO LIKE NEW CONDITION, IN A MANNER MEETING THE APPROVAL OF THE CITY OF RIALTO.
7. CONTRACTOR SHALL REMOVE CONFLICTING TRAFFIC STRIPES AND PAVEMENT MARKINGS BY WET SANDBLASTING.
8. ALL WARNING AND REGULATORY SIGNS SHALL BE HIGH INTENSITY GRADE (DGG) REFLECTIVE. GUIDE SIGNS SHALL BE SUPER ENGINEERING GRADE REFLECTIVE.
9. ALL SIGNS AND POSTS SHALL BE IN ACCORDANCE TO THE CITY OF RIALTO STANDARDS.
10. SIGNS SHALL BE STANDARD SIZE UNLESS NOTED OTHERWISE. PRIOR TO INSTALLATION, NEW SIGNS SHALL BE APPROVED BY THE CITY TRAFFIC ENGINEER, EXACT LOCATION OF SIGNS SHALL BE DETERMINED BY THE SAME.
11. ALL PAVEMENT MARKINGS ON CITY STREETS SHALL MATCH CITY STENCILS.

ROADWAY CONSTRUCTION NOTES

- 1 REMOVE EXISTING AS NEEDED FOR CONSTRUCTION.
- 2 REMOVAL LIMIT. SAWCUT CONCRETE, ASPHALT, AND OTHER HARDSCAPE SURFACE AND REMOVE TO THE LIMITS SHOWN ON THIS PLAN. ALL REMOVALS SHALL BE DISPOSED OF BY THE CONTRACTOR, UNDER CLEARING AND GRUBBING.
- 3 CONSTRUCT CURB RAMP AS SHOWN PER CITY STD. PLAN NO. SC-215 OVER 12" MIN 95% COMPACTED NATIVE.
- 4 CONSTRUCT 8" CURB AND GUTTER PER CITY STD. PLAN NO. SC-200.
- 5 CONSTRUCT 8" CURB PER CITY STD. PLAN NO. SC-202.
- 6 CONSTRUCT CROSS GUTTER PER CITY STD. PLAN NO. SC-216.
- 7 CONSTRUCT FULL DEPTH AC PAVEMENT OVER 12" OF 95% COMPACTED NATIVE SUBGRADE.
- 8 CONSTRUCT 4" THICK P.C.C. SIDEWALK OVER 12" MIN 95% COMPACTED NATIVE PER CITY STD PLAN NO. SC-203 AND SC-204.
- 9 INSTALL DETECTABLE WARNING SURFACE PER CITY STD. PLAN NO. 215.
- 10 RELOCATE EXISTING UTILITY. (BY OTHERS)
- 11 ADJUST EXISTING UTILITY TO GRADE.
- 12 PROTECT IN PLACE
- 13 CONSTRUCT 8" CURB INTEGRAL WITH SPANDREL.
- 14 CONSTRUCT RETAINING CURB PER CITY STD. PLAN NO. 215, DETAIL "D".
- 15 GRIND AND OVERLAY EXISTING PAVEMENT WITH 0.10' AC MIN PER DETAIL "3" ON SHEET 2.

SIGNING & STRIPING CONSTRUCTION NOTES

- 1 APPLY 6" WHITE BIKE LINE PER CALTRANS STANDARD PLAN A20D, DETAIL 39A.
- 2 APPLY 6" WHITE BIKE LANE LINE PER CALTRANS STANDARD PLAN A20D, DETAIL 39.
- 3 APPLY 6" WHITE STRIPE PER CALTRANS STANDARD PLAN A20B, DETAIL 27B.
- 4 APPLY WHITE BIKE LANE ARROW PAVEMENT MARKING PER CALTRANS STANDARD PLAN A24A.
- 5 APPLY WHITE PAVEMENT BIKE SYMBOL WITH PERSON MARKING PER CALTRANS STANDARD PLAN A24C.
- 6 APPLY WHITE SHARED ROADWAY BICYCLE PAVMENT MARKING PER CALTRANS STANDARD PLAN A24C.
- 7 FURNISH AND INSTALL ROADSIDE SIGN AND POST PER CITY OF RIALTO STANDARD PLAN SC-223.
- 8 APPLY 24" YELLOW CONTINENTAL CROSSWALK PER CALTRANS STANDARD PLAN A24F.
- 9 REMOVE EXISTING SIGN AND/OR POST.
- 10 REMOVE CONFLICTING STRIPING/MARKING BY SANDBLASTING.
- 11 APPLY 24" WHITE CONTINENTAL CROSSWALK PER CALTRANS STANDARD PLAN A24F.
- 12 APPLY 24" SOLID LADDER CROSSWALK PER CALTRANS STANDARD PLAN A24F.
- 13 INSTALL SOLAR POWERED RRFB SIGN PER DETAIL "A" SEE SHEET 2.
- 14 APPLY 6" WHITE LANE LINE PER CALTRANS STANDARD PLAN A20A, DETAIL 12.
- 15 APPLY 6" TWO-WAY LEFT TURN LANE PER CALTRANS STANDARD A20B, DETAIL 32.
- 16 APPLY GREEN PAINT PER DETAIL "B" ON SHEET 2, SHALL BE INSTALLED PER SPECIFICATIONS.
- 17 APPLY DASHED GREEN BIKE PAINT PER DETAIL "C" ON SHEET 2, SHALL BE INSTALLED PER SPECIFICATIONS.
- 18 APPLY 6" DOUBLE YELLOW CENTERLINE PER CALTRANS STANDARD PLAN A20A, DETAIL 22.
- 19 PAINT RED CURB.
- 20 APPLY 12" WHITE CROSSWALK/LIMIT LINE PER CALTRANS STANDARD PLAN A24E/A24F, SEE DETAIL "D" ON SHEET 2.
- 21 APPLY WHITE PAVEMENT "XING, SCHOOL, SLOW, AHEAD, STOP, SIGNAL" PER CALTRANS STANDARD PLAN A24D, AS SHOWN ON THE PLAN.
- 22 APPLY WHITE TYPE IV ARROW PER CALTRANS STD. PLAN A24A.
- 23 APPLY 8" WHITE CHANNELIZING LINE PER CALTRANS STD. PLAN A20D, DETAIL 38.
- 24 APPLY WHITE SOLID LANE LINE PER DETAIL "1" HEREON.
- 25 APPLY 8" DASHED WHITE LANE DROP AT INTERSECTION PER CALTRANS STANDARD PLAN A20C, DETAIL 37B.
- 26 REPLACE AND INSTALL NEW IN-ROADWAY WARNING LIGHTS SYSTEM PER SPECIFICATIONS.

TRAFFIC SIGNAL CONSTRUCTION NOTES

- 1 REMOVE EXISTING CONTROLLER AND INSTALL NEW SIGNAL CABINET ATC 170 COLDPIRE CONTROLLER UNIT. THIS SHALL INCLUDE ALL OTHER NECESSARY AUXILIARY EQUIPMENT TO PROVIDE A COMPLETE AND FUNCTIONING CONTROLLER ASSEMBLY. CONTRACTOR SHALL INSTALL FURNISHED VIDEO DETECTION SYSTEM AND VIDEO DETECTION COMMUNICATIONS MODULE, INCLUDING VIDEO DETECTION CARDS.
- 2 PROTECT IN PLACE EXISTING CONTROLLER CABINET. CONTRACTOR SHALL INSTALL FURNISHED VIDEO DETECTION SYSTEM AND VIDEO DETECTION COMMUNICATIONS MODULE.
- 3 PROTECT EXISTING SERVICE CABINET IN PLACE.
- 4 FURNISH AND INSTALL VIDEO DETECTION SYSTEM WITH ITERIS VANTAGE VECTOR VIDEO DETECTION REMOTE CAMERA ACCESS ON SIGNAL MAST ARM PER THE SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER.
- 5 FURNISH AND INSTALL POLARA PEDESTRIAN PUSH BUTTON OR EQUAL ON SIGNAL POLE PER SPECIFICATIONS AND DETAIL "A".
- 6 REMOVE EXISTING PEDESTRIAN PUSH BUTTON.
- 7 REPLACE EXISTING ALPHA FXM1100 UNINTERRUPTED POWER SUPPLY (UPS) IN CONTROLLER CABINET.
- AB ABANDON. IF APPLIED TO CONDUIT, REMOVE CONDUCTORS
- CB INSTALL EXISTING CONDUIT INTO EXISTING PULLBOX.
- RS REMOVE AND SALVAGE EQUIPMENT.

LEGEND

	PROPOSED GRIND AND OVERLAY
	CONSTRUCT P.C.C. PAVEMENT
	CONSTRUCT A.C. PAVEMENT
	EXISTING RIGHT-OF-WAY
	PROPOSED RIGHT-OF-WAY
	EXISTING SIDEWALK
	REMOVE EXISTING SIDEWALK
	PROPOSED SIDEWALK
	EXISTING CHAIN LINK FENCE
	REMOVE EXISTING CHAIN LINK FENCE
	PROPOSED CHAIN LINK FENCE
	EXISTING WALL
	REMOVE WALL
	EXISTING CURB & GUTTER
	REMOVE CURB & GUTTER
	PROPOSED CURB & GUTTER
	EXISTING GAS LINE
	EXISTING WATER LINE
	EXISTING TELEPHONE LINE
	EXISTING OVERHEAD ELECTRIC
	EXISTING SEWER LINE
	EXISTING STORM DRAIN LINE
	EXISTING EDGE OF PAVEMENT
	REMOVE EXISTING EDGE OF PAVEMENT
	PROPOSED EDGE OF PAVEMENT

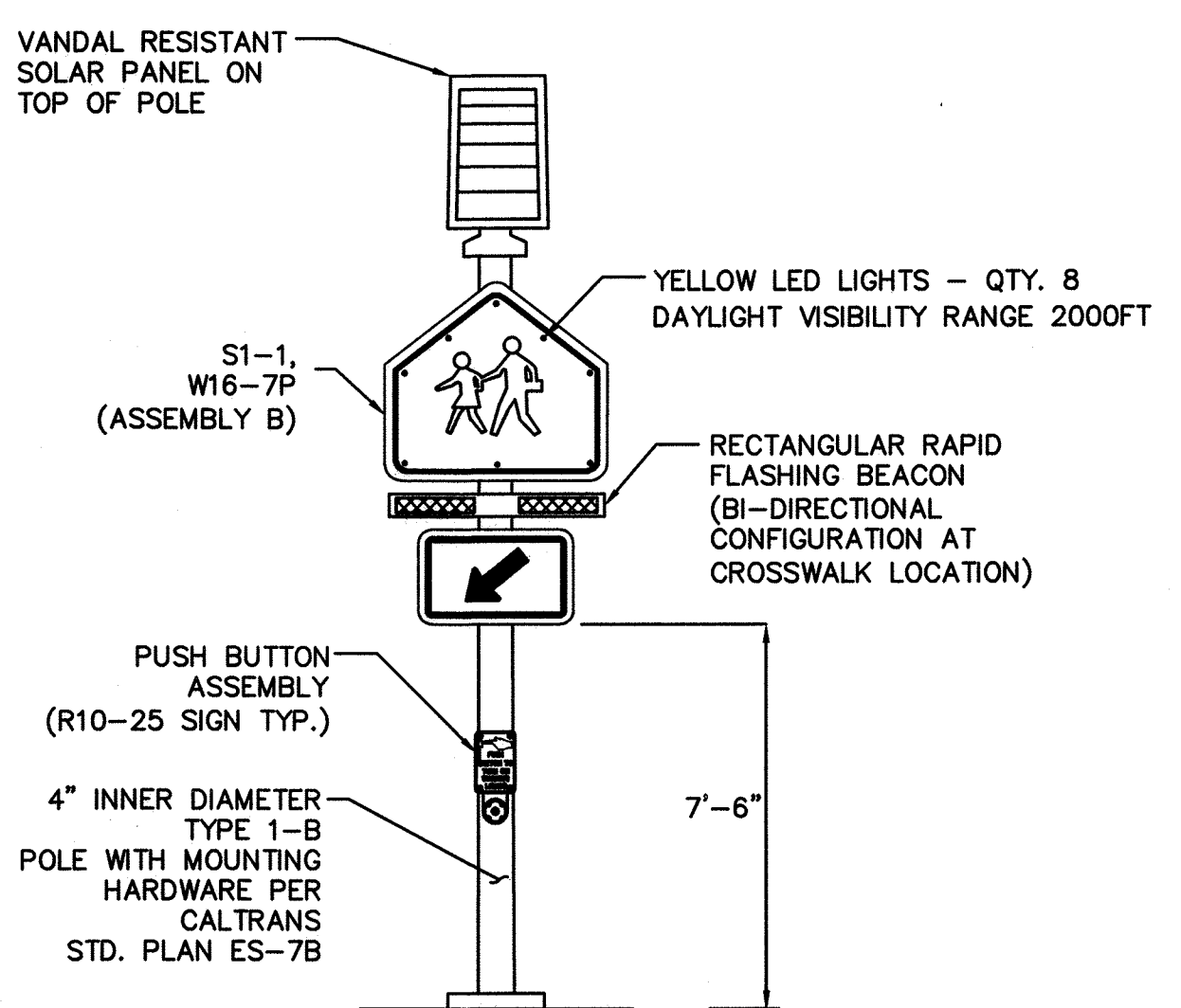
	EX. TREES/LANDSCAPE
	EX. STREET LIGHT
	EX. SANITARY SEWER MANHOLE
	EX. WATER METER
	EX. SEWER METER
	EX. WATER VALVE
	EX. MAILBOX
	EX. FIRE HYDRANT
	EX. POWER POLE
	EX. STREET SIGN
	REMOVE TREES/LANDSCAPE
	REMOVE STREET LIGHT
	REMOVE POWER POLE
	REMOVE TELEPHONE PEDESTAL
	REMOVE MAIL BOX

SIGNING AND STRIPING
LEGEND AND ABBREVIATIONS

	PROP. PAVEMENT MARKING
	PROP. ROADSIDE SIGN
	PROP. TRAFFIC STRIPE
	EX. PAVEMENT MARKING
	EX. ROADSIDE SIGNS
	EX. TRAFFIC STRIPE
	REMOVE. PAVEMENT MARKING
	REMOVE. ROADSIDE SIGNS
	REMOVE. TRAFFIC STRIPE

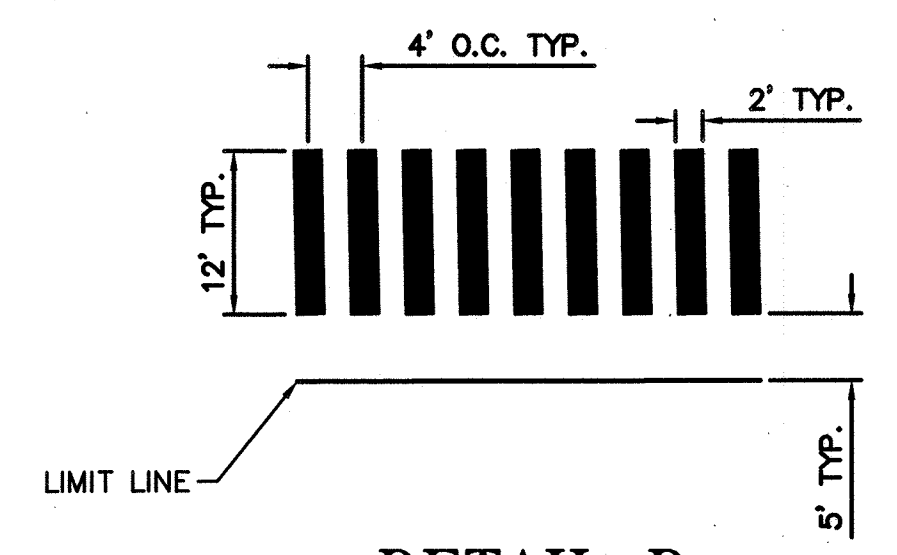
SIGN LEGEND

R81(CA)	R26(S)(CA)	R81A(CA)	M4-6	R81B(CA)	M4-14	M6-1	M6-3	M6-4	W16-7P	W16-1P
W73A(CA)	W74(CA)	W3-1	W3-3	W11-1	S1-1	SW24-3(CA)	SR4-1(CA)	R3992	(YIELD TO BIKES IN BIKE LANE symbol)	



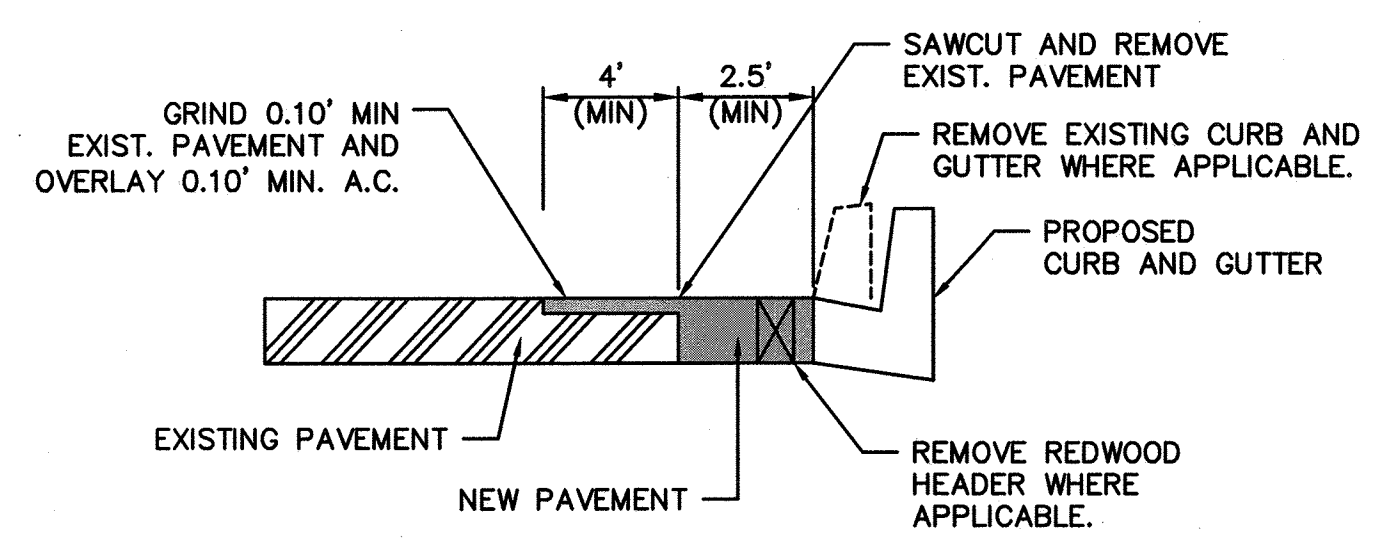
DETAIL A
SOLAR POWERED RRFB SIGN

NTS



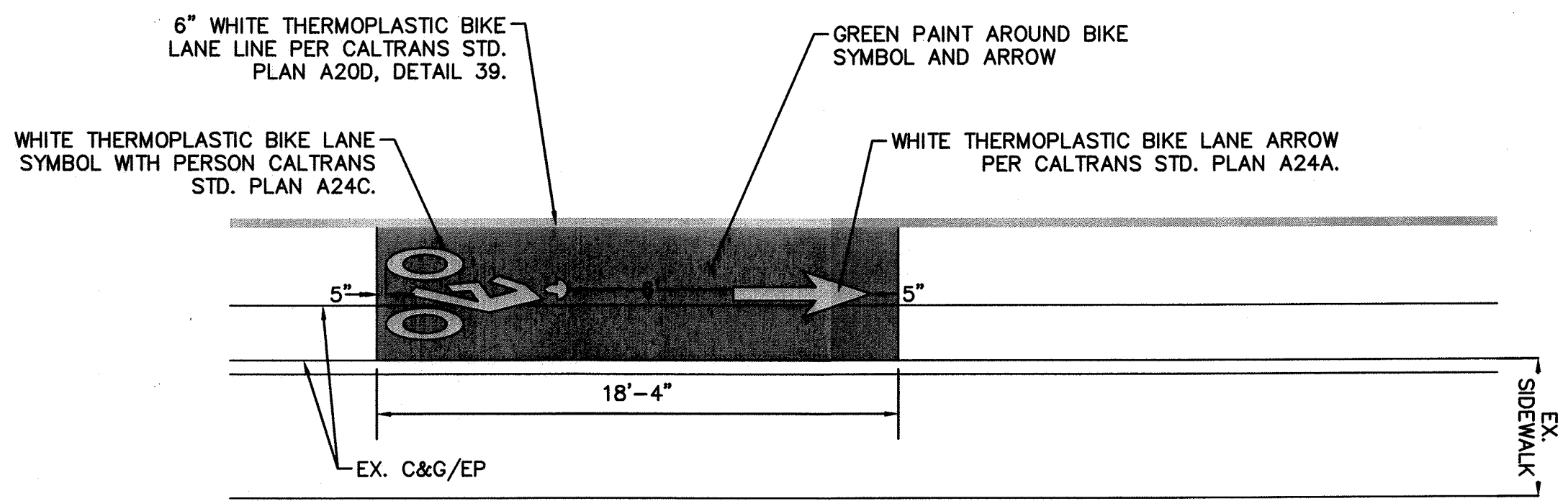
DETAIL D

NTS



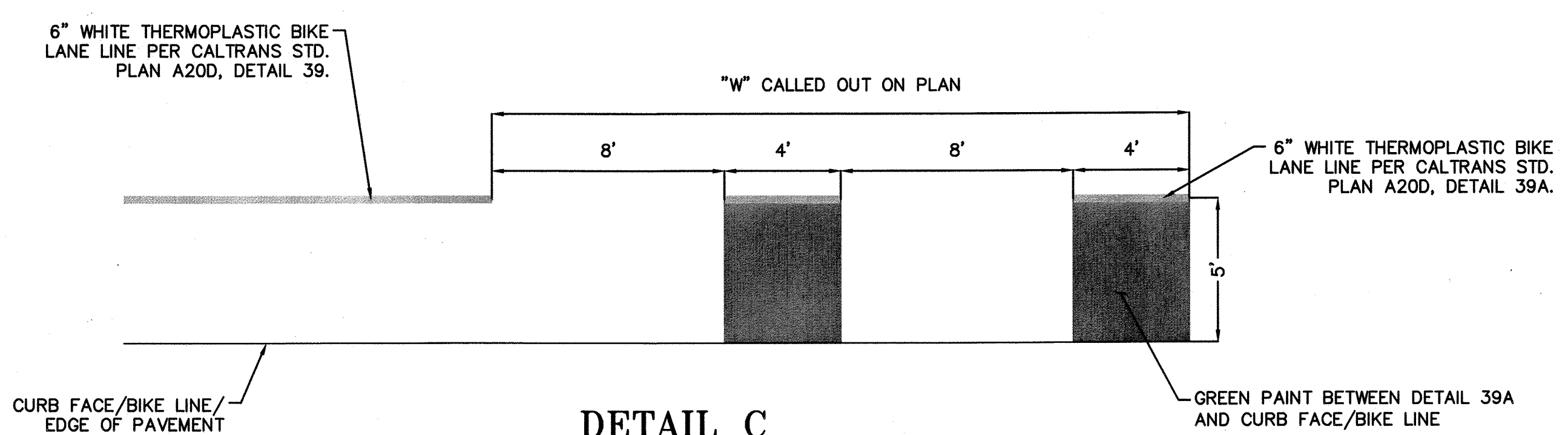
DETAIL "3"
GRIND AND OVERLAY

NTS



DETAIL B
GREEN BIKE LANE SYMBOL DETAIL

NTS



DETAIL C
DASHED GREEN BIKE PAINT DETAIL

NTS

UNDERGROUND SERVICE ALERT (USA)

IT'S THE LAW! DIAL BEFORE YOU DIG!

CALL AT LEAST TWO WORKING DAYS BEFORE YOU DIG

811 Know what's below. Call before you dig.

MARK	DESIGNED BY: AO	DRAWN BY: AO	CHECKED BY: MG
REVISIONS	APPR.	DATE	

SEAL-DESIGN ENGINEER

MING GUAN

No. 75793

CIVIL

STATE OF CALIFORNIA

PREPARED UNDER THE SUPERVISION OF:

MING GUAN, RCE 75793

DATE: 7/24/19

RECOMMENDED FOR APPROVAL BY:

AZZAM ABUSHEH, RCE 61198

DATE: 7/25/19

APPROVED BY:

HECTOR GONZALEZ, PRINCIPAL CIVIL ENGINEER, RCE 79797

DATE: 7/25/19

KOA

PLANNING | ENGINEERING | CONSTRUCTION MANAGEMENT

3190 C SHELBY STREET
ONTARIO, CALIFORNIA 91764
Tel. (909) 890-9693 Fax: (909) 890-9694

CITY OF RIALTO

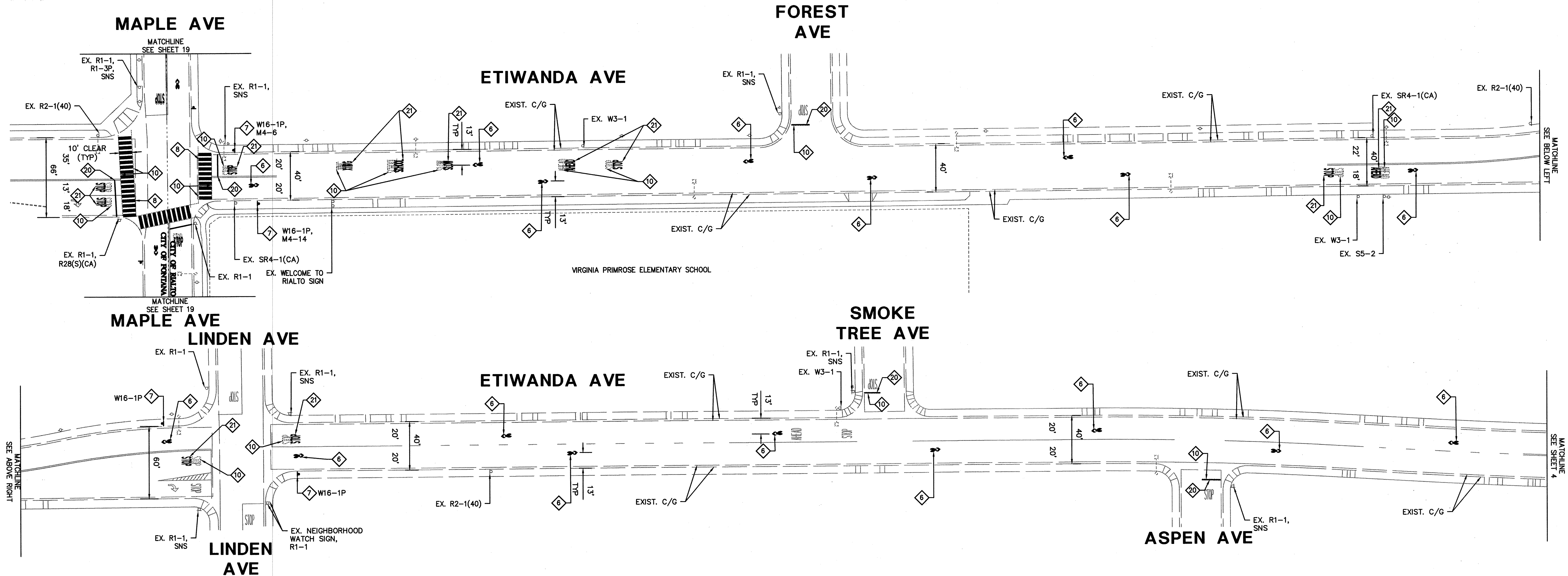
ETIWANDA IMPROVEMENT PROJECT

DETAIL SHEET

FOR: CITY OF RIALTO

PLAN NO. I-642

2 OF 34 SHEETS



SIGNING & STRIPING GENERAL NOTES

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- THE CONTRACTOR SHALL INSTALL BLUE RAISED PAVEMENT MARKERS ADJACENT TO ALL FIRE HYDRANTS WITHIN THE PROJECT LIMITS IN ACCORDANCE TO THE SPECIFICATIONS.
- ALL TRAFFIC STRIPES AND PAVEMENT MARKINGS SHALL BE PAINT UNLESS NOTED OTHERWISE AND SHALL BE INSTALLED IN ACCORDANCE WITH CALTRANS STANDARD WHETHER NEW OR NOT.
- ALL NEW STRIPING SHALL BE CAT TRACKED AND APPROVED BY THE CITY ENGINEER PRIOR TO THE APPLICATION.
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- ALL SIGNS AND POSTS SHALL BE IN ACCORDANCE TO THE CITY OF RIALTO STANDARDS.
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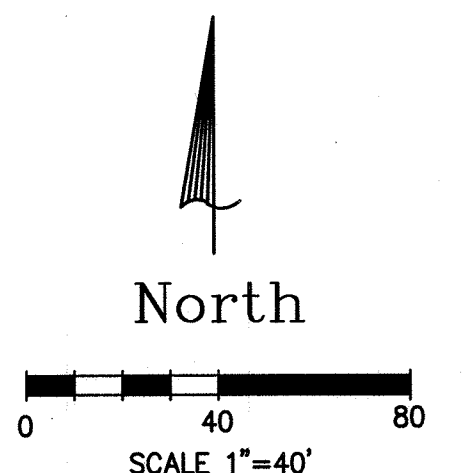
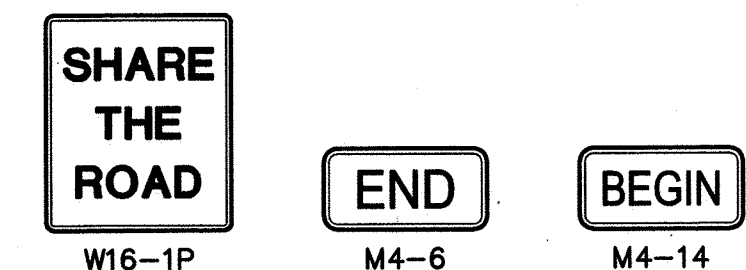
SIGNING & STRIPING CONSTRUCTION NOTES

- APPLY WHITE SHARED ROADWAY BICYCLE PAVEMENT MARKING PER CALTRANS STANDARD PLAN A24C.
- FURNISH AND INSTALL ROADSIDE SIGN AND POST PER CITY OF RIALTO STANDARD PLAN SC-223.
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- APPLY WHITE PAVEMENT "XING, SCHOOL, SLOW, AHEAD, STOP, SIGNAL" PER CALTRANS STANDARD PLAN A24D, AS SHOWN ON THE PLAN.

LEGEND AND ABBREVIATIONS

	PROP. PAVEMENT MARKING
	PROP. ROADSIDE SIGN
	PROP. TRAFFIC STRIPE
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	EX. ROADSIDE SIGNS
	EX. TRAFFIC STRIPE
	REMOVE. PAVEMENT MARKING
	REMOVE. ROADSIDE SIGNS
	REMOVE. TRAFFIC STRIPE

SIGN LEGEND



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7/25/19
DATE



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ONTARIO, CALIFORNIA 91764
Tel: (909) 890-9693 Fax: (909) 890-9694

CITY OF RIALTO
ETIWANDA IMPROVEMENT PROJECT
ETIWANDA AVE
SIGNING AND STRIPING

FOR: CITY OF RIALTO

PLAN NO. 7-642

3
OF 34 SHEETS

CEDAR AVE

ETIWANDA AVE

CEDAR AVE

DRIFTWOOD AVE

ETIWANDA AVE

TEAKWOOD AVE

LARCH AVE

GLENWOOD AVE

TEAKWOOD AVE

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6. PRIOR TO FINAL ACCEPTANCE OF STREET IMPROVEMENTS, ALL EXISTING NON-CONFLICTING STREET STRIPING AND STENCILING WITHIN THE PERIMETER OF THE CONSTRUCTION AREA SHALL BE RESTORED TO LIKE NEW CONDITION, IN A MANNER MEETING THE APPROVAL OF THE CITY OF RIALTO.
7. CONTRACTOR SHALL REMOVE CONFLICTING TRAFFIC STRIPES AND PAVEMENT MARKINGS BY WET SANDBLASTING.
8. ALL WARNING AND REGULATORY SIGNS SHALL BE HIGH INTENSITY GRADE (DG3) REFLECTIVE. GUIDE SIGNS SHALL BE SUPER ENGINEERING GRADE REFLECTIVE.
9. ALL SIGNS AND POSTS SHALL BE IN ACCORDANCE TO THE CITY OF RIALTO STANDARDS.
10. SIGNS SHALL BE STANDARD SIZE UNLESS NOTED OTHERWISE. PRIOR TO INSTALLATION, NEW SIGNS SHALL BE APPROVED BY THE CITY TRAFFIC ENGINEER, EXACT LOCATION OF SIGNS SHALL BE DETERMINED BY THE SAME.
11. ALL PAVEMENT MARKINGS ON CITY STREETS SHALL MATCH CITY STENCILS.

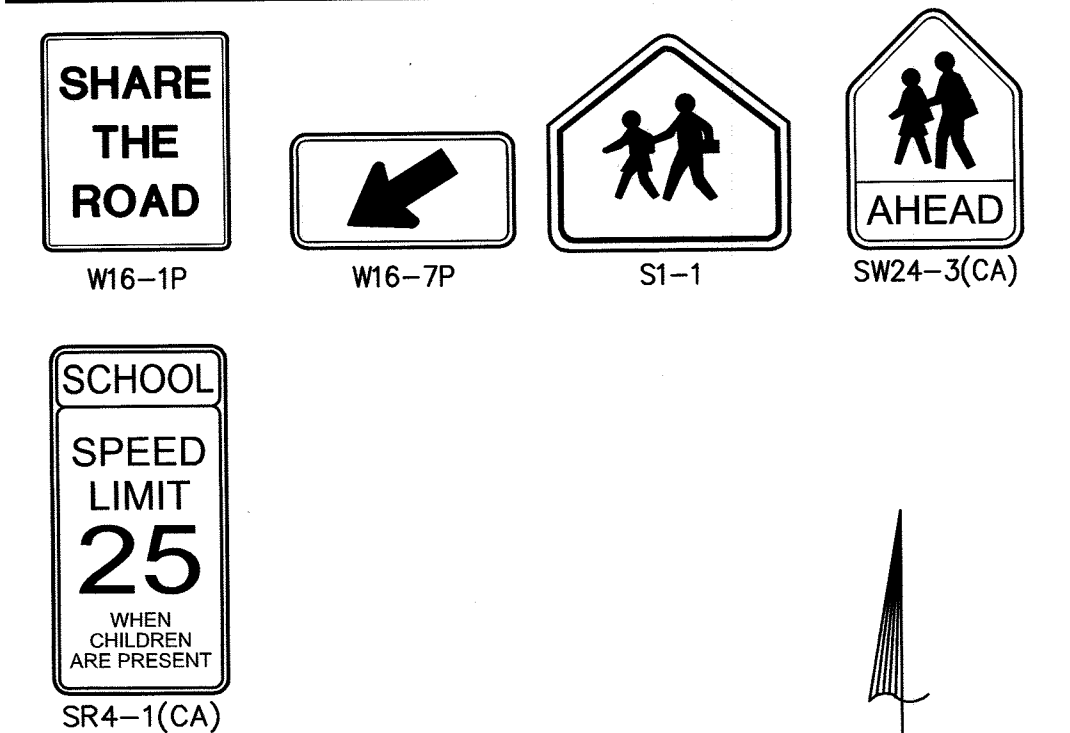
SIGNING & STRIPING CONSTRUCTION NOTES

- 6 APPLY WHITE SHARED ROADWAY BICYCLE PAVMENT MARKING PER CALTRANS STANDARD PLAN A24C.
- 7 FURNISH AND INSTALL ROADSIDE SIGN AND POST PER CITY OF RIALTO STANDARD PLAN SC-223.
- 9 REMOVE EXISTING SIGN AND/OR POST.
- 10 REMOVE CONFLICTING STRIPING/MARKING BY SANDBLASTING.
- 12 APPLY 24" SOLID LADDER CROSSWALK PER CALTRANS STANDARD PLAN A24F.
- 13 INSTALL SOLAR POWERED RRFB SIGN PER DETAIL "A" SEE SHEET 2.
- 18 APPLY 6" DOUBLE YELLOW CENTERLINE PER CALTRANS STANDARD PLAN A20A, DETAIL 22.
- 19 PAINT RED CURB.
- 20 APPLY 12" WHITE CROSSWALK/LIMIT LINE PER CALTRANS STANDARD PLAN A24E/A24F, SEE DETAIL "D" ON SHEET 2.
- 21 APPLY WHITE PAVEMENT "XING, SCHOOL, SLOW, AHEAD, STOP, SIGNAL" PER CALTRANS STANDARD PLAN A24D, AS SHOWN ON THE PLAN.
- 26 REPLACE AND INSTALL NEW IN-ROADWAY WARNING LIGHTS SYSTEM PER SPECIFICATIONS.

LEGEND AND ABBREVIATIONS

	PROP. PAVEMENT MARKING
	PROP. ROADSIDE SIGN
	PROP. TRAFFIC STRIPE
	EX. PAVEMENT MARKING
	EX. ROADSIDE SIGNS
	EX. TRAFFIC STRIPE
	REMOVE. PAVEMENT MARKING
	REMOVE. ROADSIDE SIGNS
	REMOVE. TRAFFIC STRIPE

SIGN LEGEND



UNDERGROUND SERVICE ALERT (USA)

IT'S THE LAW!
DIAL BEFORE
YOU DIG!



CALL AT LEAST
TWO WORKING DAYS
BEFORE YOU DIG

Know what's below.
Call before you dig.

MARK REVISIONS APPR. DATE
DESIGNED BY: AO DRAWN BY: AO CHECKED BY: MG

SEAL-DESIGN ENGINEER



PREPARED UNDER THE SUPERVISION OF:

MING GUAN, RCE 75793

7/24/19
DATE

RECOMMENDED FOR APPROVAL BY:

AZIZ M. VASHEH, RCE 61198

7/25/19
DATE

APPROVED BY:

HECTOR GONZALEZ, PRINCIPAL CIVIL ENGINEER, RCE 79797

7/25/19
DATE



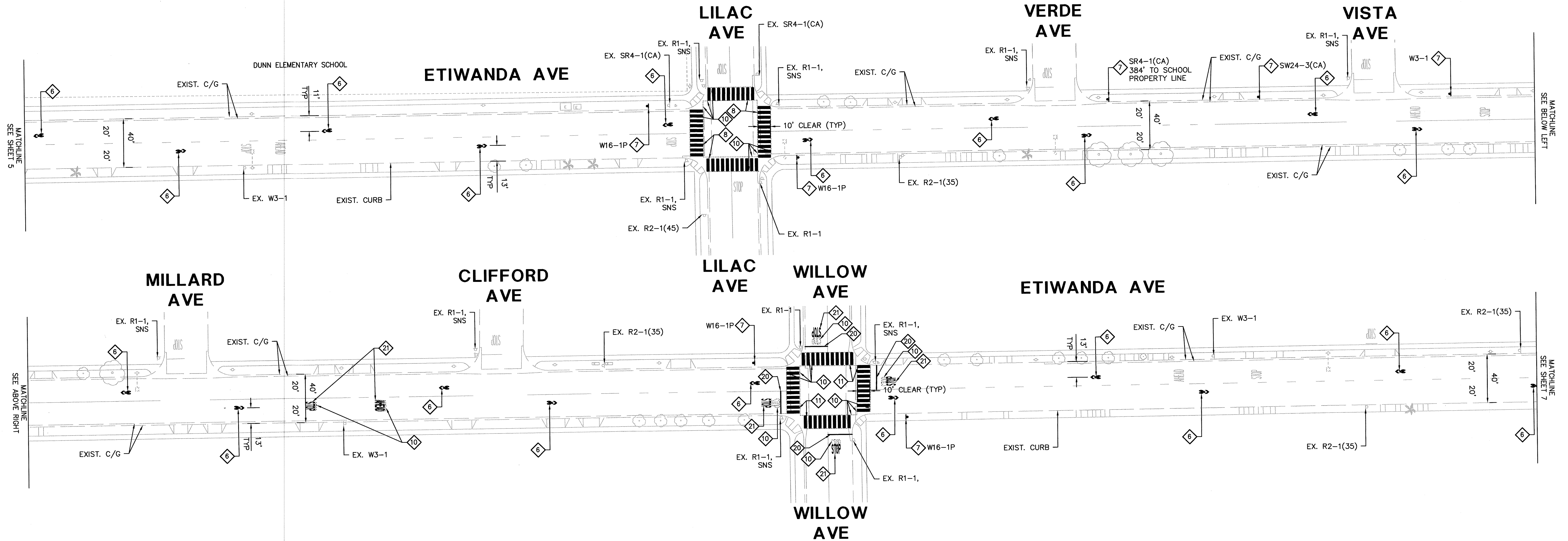
3190 C. SHELBY STREET
ONTARIO, CALIFORNIA 91764
Tel: (909) 890-9693 Fax: (909) 890-9694

CITY OF RIALTO
ETIWANDA IMPROVEMENT PROJECT
ETIWANDA AVE
SIGNING AND STRIPING

FOR: CITY OF RIALTO

PLAN NO. T-642

4
OF 34 SHEETS



SIGNING & STRIPING GENERAL NOTES

- SIGNING AND STRIPING SHALL CONFORM TO LATEST CALIFORNIA MANUAL OF TRAFFIC CONTROL DEVICES (CA-MUTCD), CALTRANS STANDARD PLANS AND SPECIFICATIONS, AND THESE PLANS AND THE SPECIAL PROVISIONS.
- CONTRACTOR SHALL FURNISH AND INSTALL ALL TRAFFIC SIGNS, SIGN POSTS, PAVEMENT MARKINGS, RAISED PAVEMENT MARKERS, AND ALL OTHER EQUIPMENT AND HARDWARE IN ACCORDANCE TO THE SPECIFICATIONS.
- THE CONTRACTOR SHALL INSTALL BLUE RAISED PAVEMENT MARKERS ADJACENT TO ALL FIRE HYDRANTS WITHIN THE PROJECT LIMITS IN ACCORDANCE TO THE SPECIFICATIONS.
- ALL TRAFFIC STRIPES AND PAVEMENT MARKINGS SHALL BE PAINT UNLESS NOTED OTHERWISE AND SHALL BE INSTALLED IN ACCORDANCE WITH CALTRANS STANDARD WHETHER NEW OR NOT.
- ALL NEW STRIPING SHALL BE CAT TRACKED AND APPROVED BY THE CITY ENGINEER PRIOR TO THE APPLICATION.
- PRIOR TO FINAL ACCEPTANCE OF STREET IMPROVEMENTS, ALL EXISTING NON-CONFLICTING STREET STRIPING AND STENCILING WITHIN THE PERIMETER OF THE CONSTRUCTION AREA SHALL BE RESTORED TO LIKE NEW CONDITION, IN A MANNER MEETING THE APPROVAL OF THE CITY OF RIALTO.
- CONTRACTOR SHALL REMOVE CONFLICTING TRAFFIC STRIPES AND PAVEMENT MARKINGS BY WET SANDBLASTING.
- ALL WARNING AND REGULATORY SIGNS SHALL BE HIGH INTENSITY GRADE (DG3) REFLECTIVE. GUIDE SIGNS SHALL BE SUPER ENGINEERING GRADE REFLECTIVE.
- ALL SIGNS AND POSTS SHALL BE IN ACCORDANCE TO THE CITY OF RIALTO STANDARDS.
- SIGNS SHALL BE STANDARD SIZE UNLESS NOTED OTHERWISE. PRIOR TO INSTALLATION, NEW SIGNS SHALL BE APPROVED BY THE CITY TRAFFIC ENGINEER, EXACT LOCATION OF SIGNS SHALL BE DETERMINED BY THE SAME.
- ALL PAVEMENT MARKINGS ON CITY STREETS SHALL MATCH CITY STENCILS.

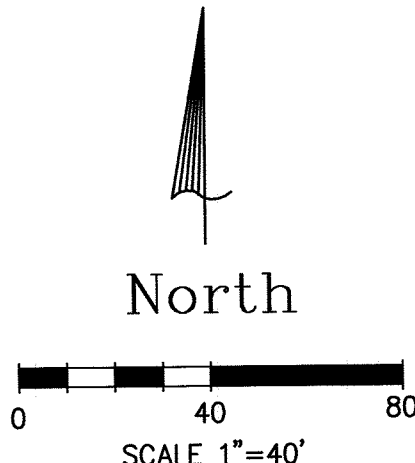
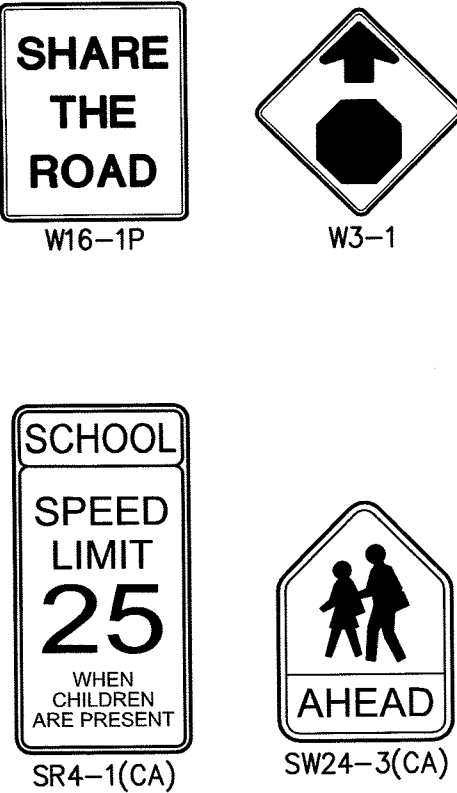
SIGNING & STRIPING CONSTRUCTION NOTES

- APPLY WHITE SHARED ROADWAY BICYCLE PAVMENT MARKING PER CALTRANS STANDARD PLAN A24C.
- FURNISH AND INSTALL ROADSIDE SIGN AND POST PER CITY OF RIALTO STANDARD PLAN SC-223.
- APPLY 24" YELLOW CONTINENTAL CROSSWALK PER CALTRANS STANDARD PLAN A24F.
- REMOVE CONFLICTING STRIPING/MARKING BY SANDBLASTING.
- APPLY 24" WHITE CONTINENTAL CROSSWALK PER CALTRANS STANDARD PLAN A24F.
- APPLY 12" WHITE CROSSWALK/LIMIT LINE PER CALTRANS STANDARD PLAN A24E/A24F. SEE DETAIL "D" ON SHEET 2
- RESTRIPE "XING, SCHOOL, SLOW, AHEAD, STOP" PER CALTRANS STANDARD PLAN A24D, AS SHOWN ON THE PLAN.

LEGEND AND ABBREVIATIONS

	PROP. PAVEMENT MARKING
	PROP. ROADSIDE SIGN
	PROP. TRAFFIC STRIPE
	EX. PAVEMENT MARKING
	EX. ROADSIDE SIGNS
	EX. TRAFFIC STRIPE
	REMOVE. PAVEMENT MARKING
	REMOVE. ROADSIDE SIGNS
	REMOVE. TRAFFIC STRIPE

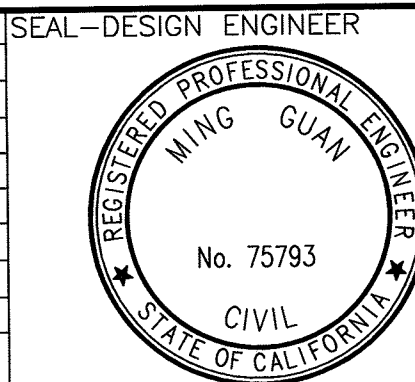
SIGN LEGEND



UNDERGROUND SERVICE ALERT (USA)



MARK	REVISIONS	APPR.	DATE
DESIGNED BY: AO	DRAWN BY: AO	CHECKED BY: MG	



PREPARED UNDER THE SUPERVISION OF:
MING GUAN, RCE 75793
DATE: 7/24/19

RECOMMENDED FOR APPROVAL BY:
AZAM WABSHER, RCE 61198
DATE: 7/25/19

APPROVED BY:
HECTOR GONZALEZ, PRINCIPAL CIVIL ENGINEER, RCE 79797
DATE: 7/25/19



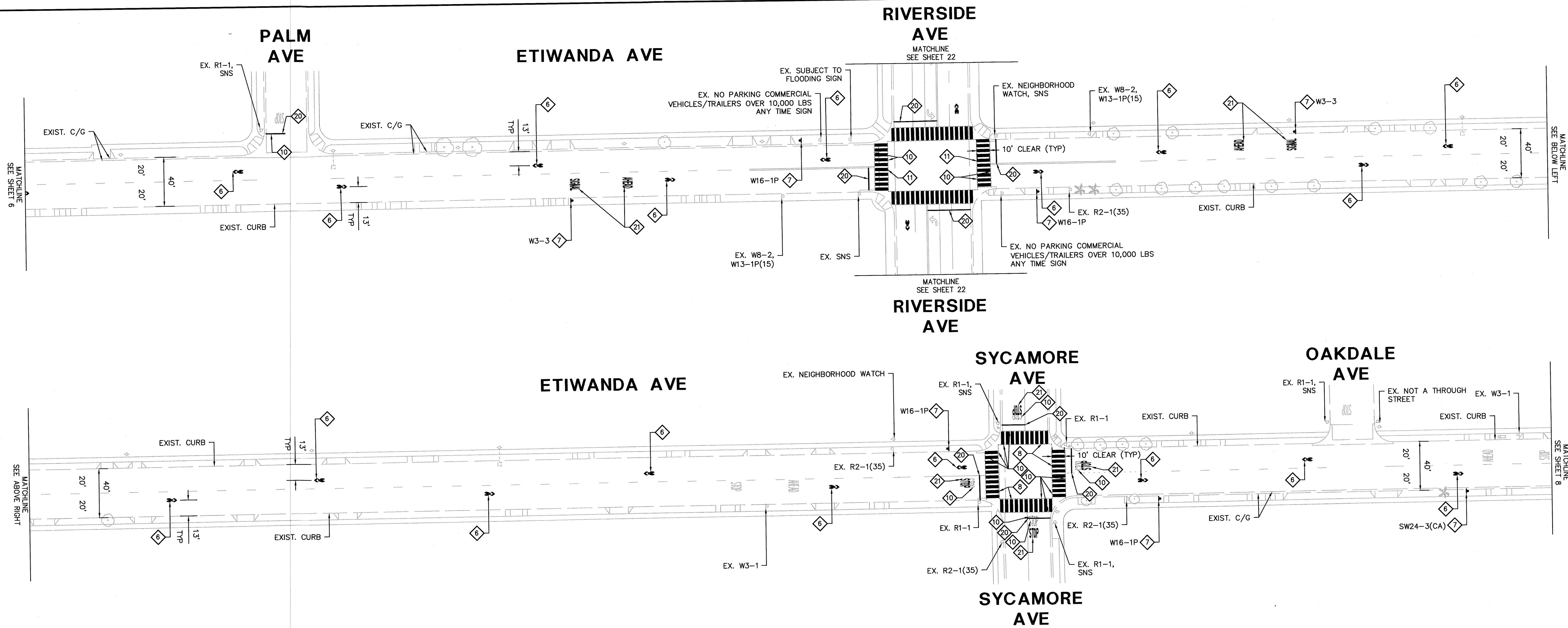
3190 C SHELBY STREET
ONTARIO, CALIFORNIA 91764
Tel: (909) 890-9693 Fax: (909) 890-9694

CITY OF RIALTO
ETIWANDA IMPROVEMENT PROJECT
ETIWANDA AVE
SIGNING AND STRIPING

FOR: CITY OF RIALTO

PLAN NO. T-642

6
OF 34 SHEETS



SIGNING & STRIPING GENERAL NOTES

1. SIGNING AND STRIPING SHALL CONFORM TO LATEST CALIFORNIA MANUAL OF TRAFFIC CONTROL DEVICES (CA-MUTCD), CALTRANS STANDARD PLANS AND SPECIFICATIONS, AND THESE PLANS AND THE SPECIAL PROVISIONS.
2. CONTRACTOR SHALL FURNISH AND INSTALL ALL TRAFFIC SIGNS, SIGN POSTS, PAVEMENT MARKINGS, RAISED PAVEMENT MARKERS, AND ALL OTHER EQUIPMENT AND HARDWARE IN ACCORDANCE TO THE SPECIFICATIONS.
3. THE CONTRACTOR SHALL INSTALL BLUE RAISED PAVEMENT MARKERS ADJACENT TO ALL FIRE HYDRANTS WITHIN THE PROJECT LIMITS IN ACCORDANCE TO THE SPECIFICATIONS.
4. ALL TRAFFIC STRIPES AND PAVEMENT MARKINGS SHALL BE PAINT UNLESS NOTED OTHERWISE AND SHALL BE INSTALLED IN ACCORDANCE WITH CALTRANS STANDARD WHETHER NEW OR NOT.
5. ALL NEW STRIPING SHALL BE CAT TRACKED AND APPROVED BY THE CITY ENGINEER PRIOR TO THE APPLICATION.
6. PRIOR TO FINAL ACCEPTANCE OF STREET IMPROVEMENTS, ALL EXISTING NON-CONFLICTING STREET STRIPING AND STENCILING WITHIN THE PERIMETER OF THE CONSTRUCTION AREA SHALL BE RESTORED TO LIKE NEW CONDITION, IN A MANNER MEETING THE APPROVAL OF THE CITY OF RIALTO.
7. CONTRACTOR SHALL REMOVE CONFLICTING TRAFFIC STRIPES AND PAVEMENT MARKINGS BY WET SANDBLASTING.
8. ALL WARNING AND REGULATORY SIGNS SHALL BE HIGH INTENSITY GRADE (D63) REFLECTIVE. GUIDE SIGNS SHALL BE SUPER ENGINEERING GRADE REFLECTIVE.
9. ALL SIGNS AND POSTS SHALL BE IN ACCORDANCE TO THE CITY OF RIALTO STANDARDS.
10. SIGNS SHALL BE STANDARD SIZE UNLESS NOTED OTHERWISE. PRIOR TO INSTALLATION, NEW SIGNS SHALL BE APPROVED BY THE CITY TRAFFIC ENGINEER, EXACT LOCATION OF SIGNS SHALL BE DETERMINED BY THE SAME.
11. ALL PAVEMENT MARKINGS ON CITY STREETS SHALL MATCH CITY STENCILS.

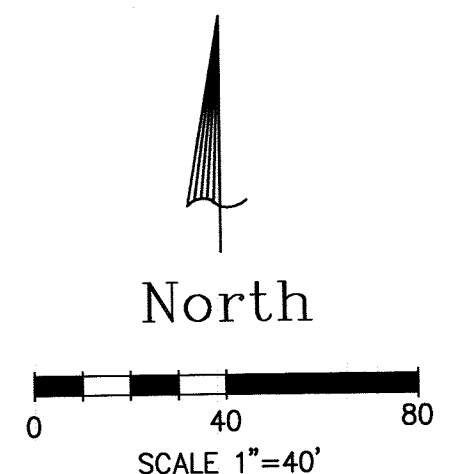
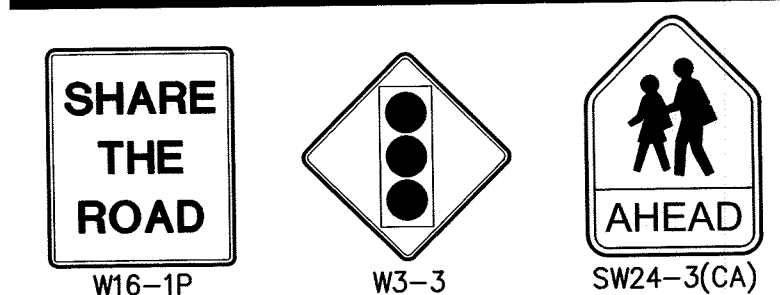
SIGNING & STRIPING CONSTRUCTION NOTES

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3. APPLY 24" YELLOW CONTINENTAL CROSSWALK PER CALTRANS STANDARD PLAN A24F.
4. REMOVE CONFLICTING STRIPING/MARKING BY SANDBLASTING.
5. APPLY 24" WHITE CONTINENTAL CROSSWALK PER CALTRANS STANDARD PLAN A24F.
6. APPLY 12" WHITE CROSSWALK/LIMIT LINE PER CALTRANS STANDARD PLAN A24E/A24F. SEE DETAIL "D" ON SHEET 2.
7. APPLY WHITE PAVEMENT "XING, SCHOOL, SLOW, AHEAD, STOP, SIGNAL" PER CALTRANS STANDARD PLAN A24D, AS SHOWN ON THE PLAN.

LEGEND AND ABBREVIATIONS

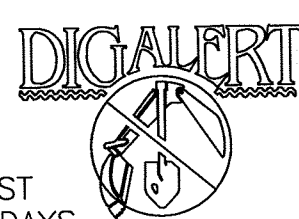
	PROP. PAVEMENT MARKING
	PROP. ROADSIDE SIGN
	PROP. TRAFFIC STRIPE
	EX. PAVEMENT MARKING
	EX. ROADSIDE SIGNS
	EX. TRAFFIC STRIPE
	REMOVE. PAVEMENT MARKING
	REMOVE. ROADSIDE SIGNS
	REMOVE. TRAFFIC STRIPE

SIGN LEGEND



UNDERGROUND SERVICE ALERT (USA)

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TWO WORKING DAYS
BEFORE YOU DIG

Know what's below.
Call before you dig.

MARK	REVISIONS	APPR.	DATE
DESIGNED BY: AO	DRAWN BY: AO	CHECKED BY: MG	

SEAL-DESIGN ENGINEER



PREPARED UNDER THE SUPERVISION OF:

MING GUAN, RCE 75793
RECOMMENDED FOR APPROVAL BY:

AZZAM JABSEH, RCE 61198

APPROVED BY:

HECTOR GONZALEZ, PRINCIPAL CIVIL ENGINEER, RCE 79797

7/24/19
DATE

7/25/19
DATE

7/25/19
DATE



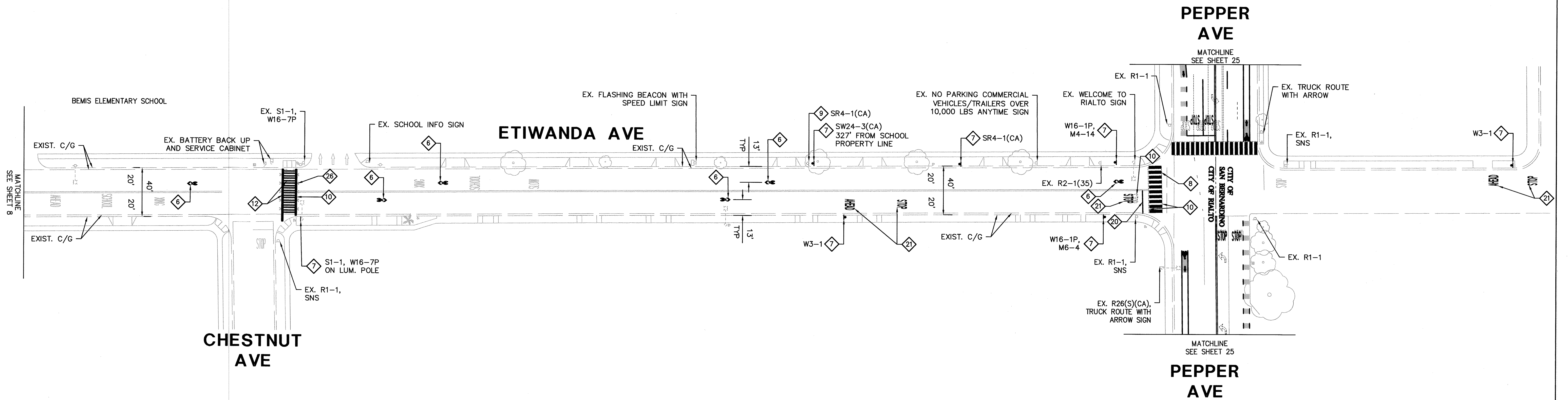
3190 C SHELBY STREET
ONTARIO, CALIFORNIA 91764
Tel: (909) 890-9693 Fax: (909) 890-9694

FOR: CITY OF RIALTO

CITY OF RIALTO
ETIWANDA IMPROVEMENT PROJECT
ETIWANDA AVE
SIGNING AND STRIPING

PLAN NO. T-642

7
OF 34 SHEETS



SIGNING & STRIPING GENERAL NOTES

- SIGNING AND STRIPING SHALL CONFORM TO LATEST CALIFORNIA MANUAL OF TRAFFIC CONTROL DEVICES (CA-MUTCD), CALTRANS STANDARD PLANS AND SPECIFICATIONS, AND THESE PLANS AND THE SPECIAL PROVISIONS.
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- PRIOR TO FINAL ACCEPTANCE OF STREET IMPROVEMENTS, ALL EXISTING NON-CONFLICTING STREET STRIPING AND STENCILING WITHIN THE PERIMETER OF THE CONSTRUCTION AREA SHALL BE RESTORED TO LIKE NEW CONDITION, IN A MANNER MEETING THE APPROVAL OF THE CITY OF RIALTO.
- CONTRACTOR SHALL REMOVE CONFLICTING TRAFFIC STRIPES AND PAVEMENT MARKINGS BY WET SANDBLASTING.
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- ALL PAVEMENT MARKINGS ON CITY STREETS SHALL MATCH CITY STENCILS.

SIGNING & STRIPING CONSTRUCTION NOTES

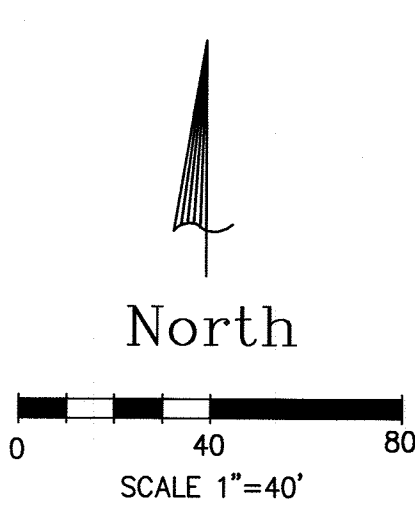
- APPLY WHITE SHARED ROADWAY BICYCLE PAVMENT MARKING PER CALTRANS STANDARD PLAN A24C.
- FURNISH AND INSTALL ROADSIDE SIGN AND POST PER CITY OF RIALTO STANDARD PLAN SC-223.
- APPLY 24" YELLOW CONTINENTAL CROSSWALK PER CALTRANS STANDARD PLAN A24F.
- REMOVE EXISTING SIGN AND/OR POST.
- REMOVE CONFLICTING STRIPING/MARKING BY SANDBLASTING.
- APPLY 24" SOLID YELLOW LADDER CROSSWALK PER CALTRANS STANDARD PLAN A24F.
- APPLY 12" WHITE CROSSWALK/LIMIT LINE PER CALTRANS STANDARD PLAN A24E/A24F. SEE DETAIL "D" ON SHEET 2
- APPLY WHITE PAVEMENT "XING, SCHOOL, SLOW, AHEAD, STOP, SIGNAL" PER CALTRANS STANDARD PLAN A24D, AS SHOWN ON THE PLAN.
- REPLACE AND INSTALL NEW IN-ROADWAY WARNING LIGHTS SYSTEM PER SPECIFICATIONS.

LEGEND AND ABBREVIATIONS

STOP	.....	PROP. PAVEMENT MARKING
STOP	.....	PROP. ROADSIDE SIGN
STOP	.....	PROP. TRAFFIC STRIPE
STOP	.....	EX. PAVEMENT MARKING
STOP	.....	EX. ROADSIDE SIGNS
STOP	.....	EX. TRAFFIC STRIPE
STOP	.....	REMOVE. PAVEMENT MARKING
STOP	.....	REMOVE. ROADSIDE SIGNS
STOP	.....	REMOVE. TRAFFIC STRIPE

SIGN LEGEND

SHARE THE ROAD W16-1P	W16-7P	W3-1
END M4-6	S1-1	
BEGIN M4-14		



UNDERGROUND SERVICE ALERT (USA)

IT'S THE LAW!
DIAL BEFORE
YOU DIG!

CALL AT LEAST
TWO WORKING DAYS
BEFORE YOU DIG

811

Know what's below.
Call before you dig.

MARK	REVISIONS	APPR.	DATE

DESIGNED BY: AO DRAWN BY: AO CHECKED BY: MG

SEAL-DESIGN ENGINEER

MING GUAN

REGISTERED PROFESSIONAL ENGINEER
No. 75793
CIVIL
STATE OF CALIFORNIA

PREPARED UNDER THE SUPERVISION OF:

MING GUAN, RCE 75793
DATE: 7/24/19

RECOMMENDED FOR APPROVAL BY:

Azzam Nabshen
AZZAM NABSHEN, RCE 61198
DATE: 7/25/19

APPROVED BY:

Hector Gonzalez
HECTOR GONZALEZ, PRINCIPAL CIVIL ENGINEER, RCE 79797
DATE: 7/25/19

KOA

PLANNING | ENGINEERING |
CONSTRUCTION MANAGEMENT

3190 C SHELBY STREET
ONTARIO, CALIFORNIA 91764
Tel: (909) 890-9693 Fax: (909) 890-9694

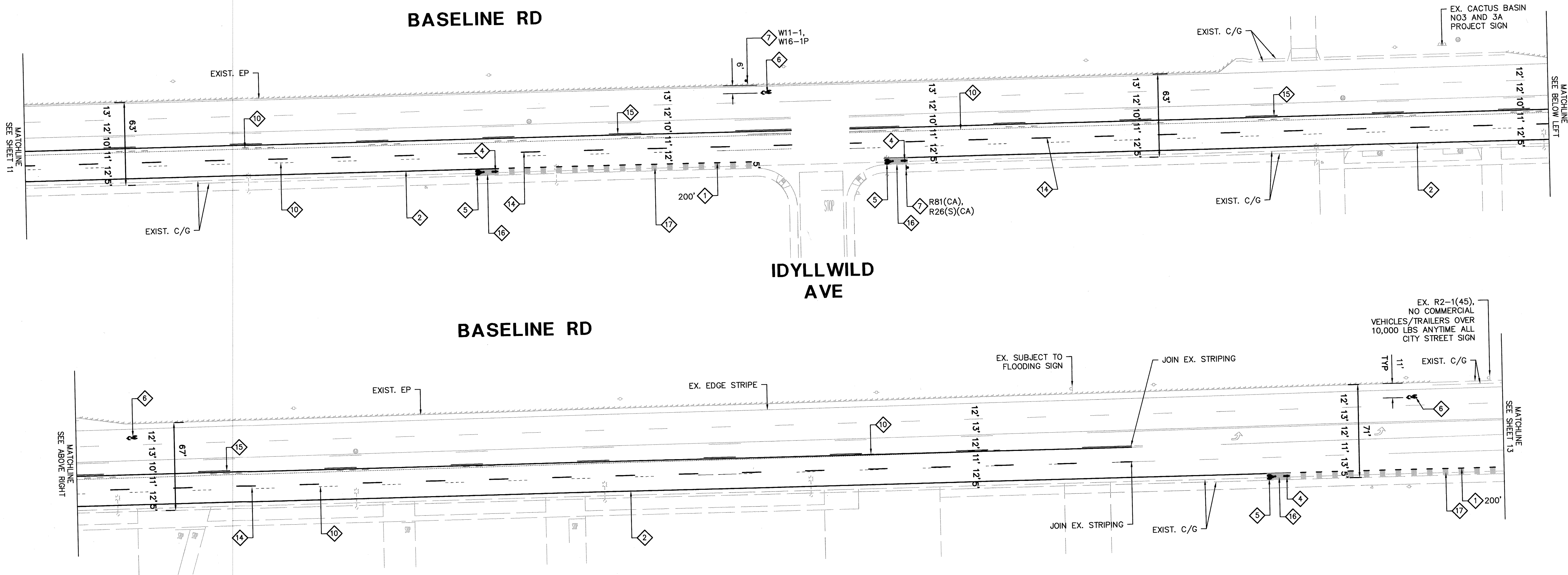
CITY OF SAN BERNARDINO DEPARTMENT OF ENGINEERING

APPROVED BY:
ALEX QISHTA, RCE 66702
DATE: _____

CITY OF RIALTO
ETIWANDA IMPROVEMENT PROJECT
ETIWANDA AVE
SIGNING AND STRIPING

FOR: CITY OF RIALTO

PLAN NO. T-642



SIGNING & STRIPING GENERAL NOTES

- SIGNING AND STRIPING SHALL CONFORM TO LATEST CALIFORNIA MANUAL OF TRAFFIC CONTROL DEVICES (CA-MUTCD), CALTRANS STANDARD PLANS AND SPECIFICATIONS, AND THESE PLANS AND THE SPECIAL PROVISIONS.
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SIGNING & STRIPING CONSTRUCTION NOTES

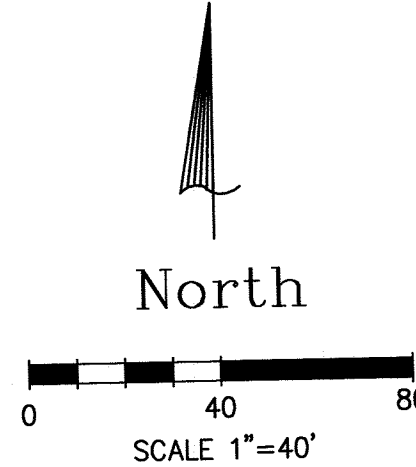
- APPLY 6" WHITE BIKE LINE PER CALTRANS STANDARD PLAN A20D, DETAIL 39A.
- APPLY 6" WHITE BIKE LANE LINE PER CALTRANS STANDARD PLAN A20D, DETAIL 39.
- APPLY WHITE BIKE LANE ARROW PAVEMENT MARKING PER CALTRANS STANDARD PLAN A24A.
- APPLY WHITE PAVEMENT BIKE SYMBOL WITH PERSON MARKING PER CALTRANS STANDARD PLAN A24C.
- APPLY WHITE SHARED ROADWAY BICYCLE PAVEMENT MARKING PER CALTRANS STANDARD PLAN A24C.
- FURNISH AND INSTALL ROADSIDE SIGN AND POST PER CITY OF RIALTO STANDARD PLAN SC-223.
- REMOVE CONFLICTING STRIPING/MARKING BY SANDBLASTING.
- APPLY 6" WHITE LANE LINE PER CALTRANS STANDARD PLAN A20A, DETAIL 12.
- APPLY 6" TWO-WAY LEFT TURN LANE PER CALTRANS STANDARD A20B, DETAIL 32.
- APPLY GREEN PAINT PER DETAIL "B" ON SHEET 2, SHALL BE INSTALLED PER SPECIFICATIONS.
- APPLY DASHED GREEN BIKE PAINT PER DETAIL "C" ON SHEET 2, SHALL BE INSTALLED PER SPECIFICATIONS.

LEGEND AND ABBREVIATIONS

	PROP. PAVEMENT MARKING
	PROP. ROADSIDE SIGN
	PROP. TRAFFIC STRIPE
	EX. PAVEMENT MARKING
	EX. ROADSIDE SIGNS
	EX. TRAFFIC STRIPE
	REMOVE. PAVEMENT MARKING
	REMOVE. ROADSIDE SIGNS
	REMOVE. TRAFFIC STRIPE

SIGN LEGEND

SHARE THE ROAD W16-1P	W11-1



UNDERGROUND SERVICE ALERT (USA)



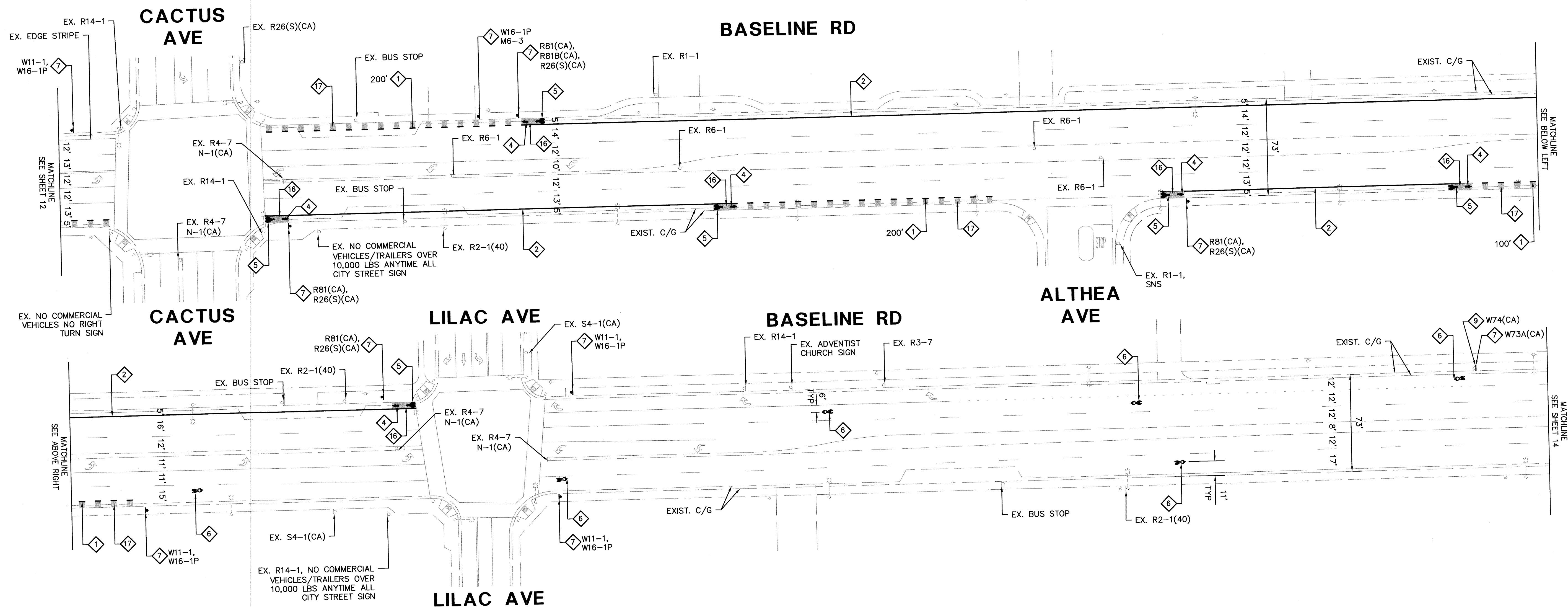
MARK	REVISIONS	APPR.	DATE
DESIGNED BY: AO	DRAWN BY: AO	CHECKED BY: MG	



PREPARED UNDER THE SUPERVISION OF:	7/24/19
MING GUAN, RCE 75793	DATE
RECOMMENDED FOR APPROVAL BY:	7/25/19
AZZAM ABSEH, RCE 61198	DATE
APPROVED BY:	7/25/19
HECTOR GONZALEZ, PRINCIPAL CIVIL ENGINEER, RCE 79797	DATE

KOA
PLANNING | ENGINEERING |
CONSTRUCTION MANAGEMENT
3190 C SHELBY STREET
ONTARIO, CALIFORNIA 91764
Tel: (909) 890-9693 Fax: (909) 890-9694

CITY OF RIALTO ETIWANDA IMPROVEMENT PROJECT BASLINE RD SIGNING AND STRIPING	12 OF 34 SHEETS
FOR: CITY OF RIALTO	PLAN NO. T-642



SIGNING & STRIPING GENERAL NOTES

- SIGNING AND STRIPING SHALL CONFORM TO LATEST CALIFORNIA MANUAL OF TRAFFIC CONTROL DEVICES (CA-MUTCD), CALTRANS STANDARD PLANS AND SPECIFICATIONS, AND THESE PLANS AND THE SPECIAL PROVISIONS.
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- SIGNS SHALL BE STANDARD SIZE UNLESS NOTED OTHERWISE. PRIOR TO INSTALLATION, NEW SIGNS SHALL BE APPROVED BY THE CITY TRAFFIC ENGINEER, EXACT LOCATION OF SIGNS SHALL BE DETERMINED BY THE SAME.
- ALL PAVEMENT MARKINGS ON CITY STREETS SHALL MATCH CITY STENCILS.








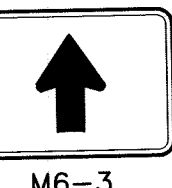
SIGNING & STRIPING CONSTRUCTION NOTES

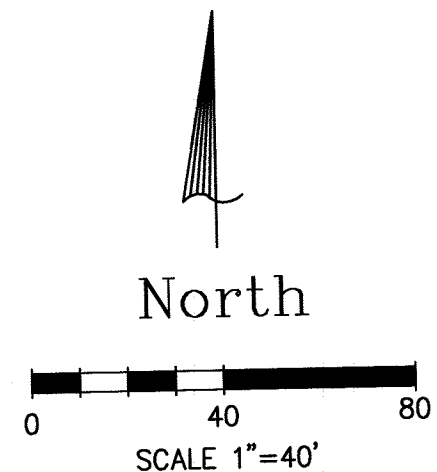
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- APPLY WHITE PAVEMENT BIKE SYMBOL WITH PERSON MARKING PER CALTRANS STANDARD PLAN A24C.
- APPLY WHITE SHARED ROADWAY BICYCLE PAVEMENT MARKING PER CALTRANS STANDARD PLAN A24C.
- FURNISH AND INSTALL ROADSIDE SIGN AND POST PER CITY OF RIALTO STANDARD PLAN SC-223.
- REMOVE EXISTING SIGN AND/OR POST.
- APPLY GREEN PAINT PER DETAIL "B" ON SHEET 2, SHALL BE INSTALLED PER SPECIFICATIONS.
- APPLY DASHED GREEN BIKE PAINT PER DETAIL "C" ON SHEET 2, SHALL BE INSTALLED PER SPECIFICATIONS.

LEGEND AND ABBREVIATIONS

STOP	PROP. PAVEMENT MARKING
STOP	PROP. ROADSIDE SIGN
STOP	PROP. TRAFFIC STRIPE
STOP	EX. PAVEMENT MARKING
STOP	EX. ROADSIDE SIGNS
STOP	EX. TRAFFIC STRIPE
STOP	REMOVE. PAVEMENT MARKING
STOP	REMOVE. ROADSIDE SIGNS
STOP	REMOVE. TRAFFIC STRIPE

SIGN LEGEND

 R81(CA)	 R81B(CA)	 R26(S)(CA)	 W73A(CA)
 W16-1P	 W11-1	 W74(CA)	 M6-3



UNDERGROUND SERVICE ALERT (USA)

IT'S THE LAW!
DIAL BEFORE
YOU DIG!

CALL AT LEAST
TWO WORKING DAYS
BEFORE YOU DIG



Know what's below.
Call before you dig.

MARK	REVISIONS	APPR.	DATE
DESIGNED BY: AO	DRAWN BY: AO	CHECKED BY: MG	

SEAL-DESIGN ENGINEER



PREPARED UNDER THE SUPERVISION OF:

MING GUAN, RCE 75793
RECOMMENDED FOR APPROVAL BY:

APPROVED BY: HECTOR GONZALEZ, PRINCIPAL CIVIL ENGINEER, RCE 79797

DATE: 7/24/19

7/24/19

DATE

7/25/19

DATE

7/25/19

DATE



3190 C SHELBY STREET
ONTARIO, CALIFORNIA 91764
Tel: (909) 890-9693 Fax: (909) 890-9694

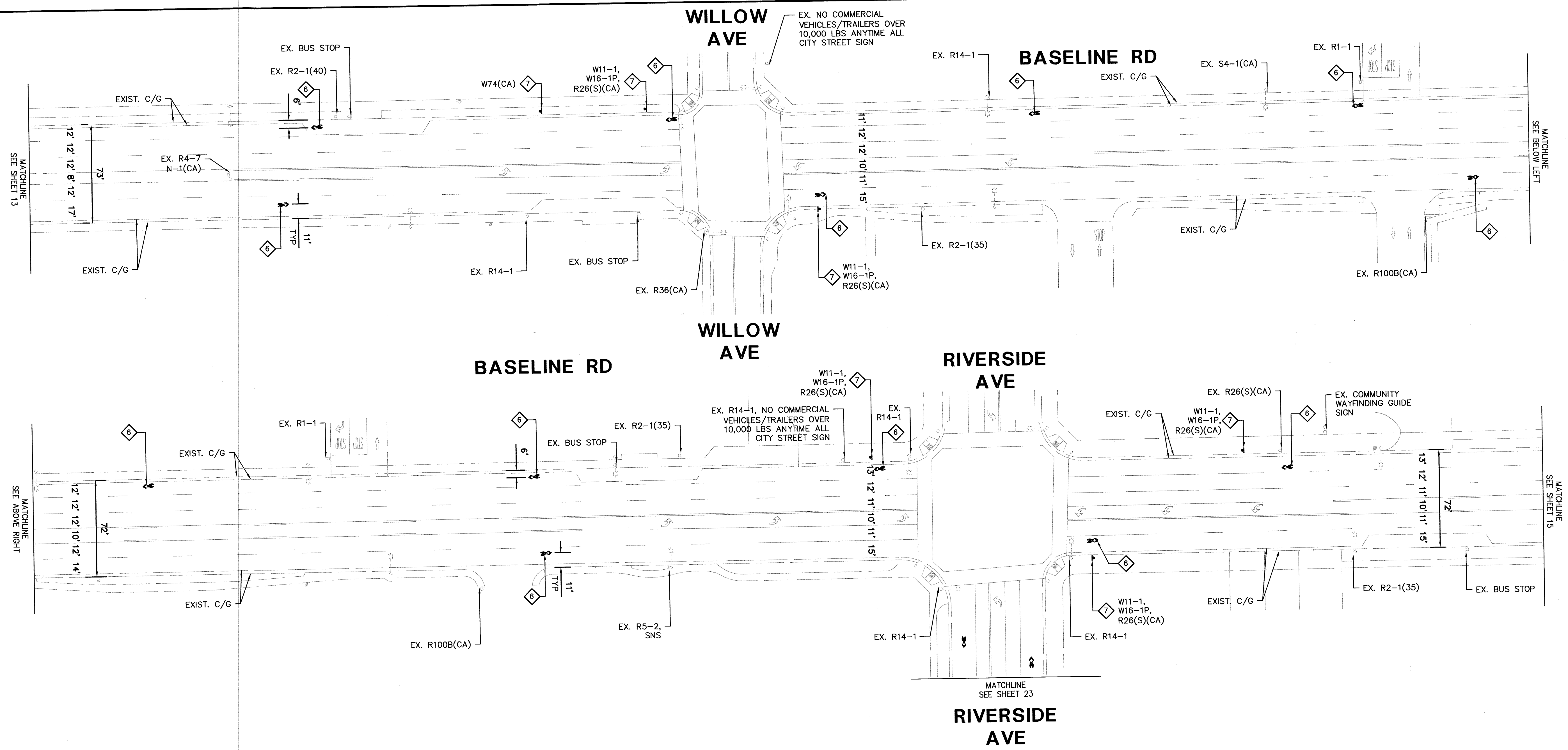
CITY OF RIALTO
ETIWANDA IMPROVEMENT PROJECT
BASELINE RD
SIGNING AND STRIPING

FOR: CITY OF RIALTO

PLAN NO. T-642

13

OF 34 SHEETS



SIGNING & STRIPING GENERAL NOTES

1. SIGNING AND STRIPING SHALL CONFORM TO LATEST CALIFORNIA MANUAL OF TRAFFIC CONTROL DEVICES (CA-MUTCD), CALTRANS STANDARD PLANS AND SPECIFICATIONS, AND THESE PLANS AND THE SPECIAL PROVISIONS.
2. CONTRACTOR SHALL FURNISH AND INSTALL ALL TRAFFIC SIGNS, SIGN POSTS, PAVEMENT MARKINGS, RAISED PAVEMENT MARKERS, AND ALL OTHER EQUIPMENT AND HARDWARE IN ACCORDANCE TO THE SPECIFICATIONS.
3. THE CONTRACTOR SHALL INSTALL BLUE RAISED PAVEMENT MARKERS ADJACENT TO ALL FIRE HYDRANTS WITHIN THE PROJECT LIMITS IN ACCORDANCE TO THE SPECIFICATIONS.
4. ALL TRAFFIC STRIPES AND PAVEMENT MARKINGS SHALL BE PAINT UNLESS NOTED OTHERWISE AND SHALL BE INSTALLED IN ACCORDANCE WITH CALTRANS STANDARD WHETHER NEW OR NOT.
5. ALL NEW STRIPING SHALL BE CAT TRACKED AND APPROVED BY THE CITY ENGINEER PRIOR TO THE APPLICATION.
6. PRIOR TO FINAL ACCEPTANCE OF STREET IMPROVEMENTS, ALL EXISTING NON-CONFLICTING STREET STRIPING AND STENCILING WITHIN THE PERIMETER OF THE CONSTRUCTION AREA SHALL BE RESTORED TO LIKE NEW CONDITION, IN A MANNER MEETING THE APPROVAL OF THE CITY OF RIALTO.
7. CONTRACTOR SHALL REMOVE CONFLICTING TRAFFIC STRIPES AND PAVEMENT MARKINGS BY WET SANDBLASTING.
8. ALL WARNING AND REGULATORY SIGNS SHALL BE HIGH INTENSITY GRADE (D63) REFLECTIVE. GUIDE SIGNS SHALL BE SUPER ENGINEERING GRADE REFLECTIVE.
9. ALL SIGNS AND POSTS SHALL BE IN ACCORDANCE TO THE CITY OF RIALTO STANDARDS.
10. SIGNS SHALL BE STANDARD SIZE UNLESS NOTED OTHERWISE. PRIOR TO INSTALLATION, NEW SIGNS SHALL BE APPROVED BY THE CITY TRAFFIC ENGINEER, EXACT LOCATION OF SIGNS SHALL BE DETERMINED BY THE SAME.
11. ALL PAVEMENT MARKINGS ON CITY STREETS SHALL MATCH CITY STENCILS.

SIGNING & STRIPING CONSTRUCTION NOTES

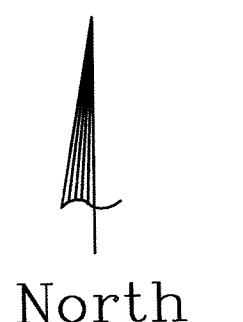
6. APPLY WHITE SHARED ROADWAY BICYCLE PAVMENT MARKING PER CALTRANS STANDARD PLAN A24C.
7. FURNISH AND INSTALL ROADSIDE SIGN AND POST PER CITY OF RIALTO STANDARD PLAN SC-223.

LEGEND AND ABBREVIATIONS

STOP	PROP. PAVEMENT MARKING
STOP	PROP. ROADSIDE SIGN
STOP	PROP. TRAFFIC STRIPE
STOP	EX. PAVEMENT MARKING
STOP	EX. ROADSIDE SIGNS
STOP	EX. TRAFFIC STRIPE
STOP	REMOVE. PAVEMENT MARKING
STOP	REMOVE. ROADSIDE SIGNS
STOP	REMOVE. TRAFFIC STRIPE

SIGN LEGEND

NO STOPPING ANY TIME R26(S)(CA)	SHARE THE ROAD W16-1P	W11-1	THRU TRAFFIC MERGE LEFT W74(CA)
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0 40 80
SCALE 1"=40'

UNDERGROUND SERVICE ALERT (USA)

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YOU DIG!



Know what's below.
Call before you dig.

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TWO WORKING DAYS
BEFORE YOU DIG

MARK	REVISIONS	APPR.	DATE
DESIGNED BY: AQ	DRAWN BY: AQ	CHECKED BY: MS	

SEAL-DESIGN ENGINEER



PREPARED UNDER THE SUPERVISION OF:

MING GUAN, RCE 75793

RECOMMENDED FOR APPROVAL BY:

AZZAL ABISHEH, RCE 61198

APPROVED BY:

HECTOR GONZALEZ, PRINCIPAL CIVIL ENGINEER, RCE 79797

7/24/19
DATE

7/25/19
DATE

7/25/19
DATE



3190 C SHELBY STREET
ONTARIO, CALIFORNIA 91764
Tel: (909) 890-9693 Fax: (909) 890-9694

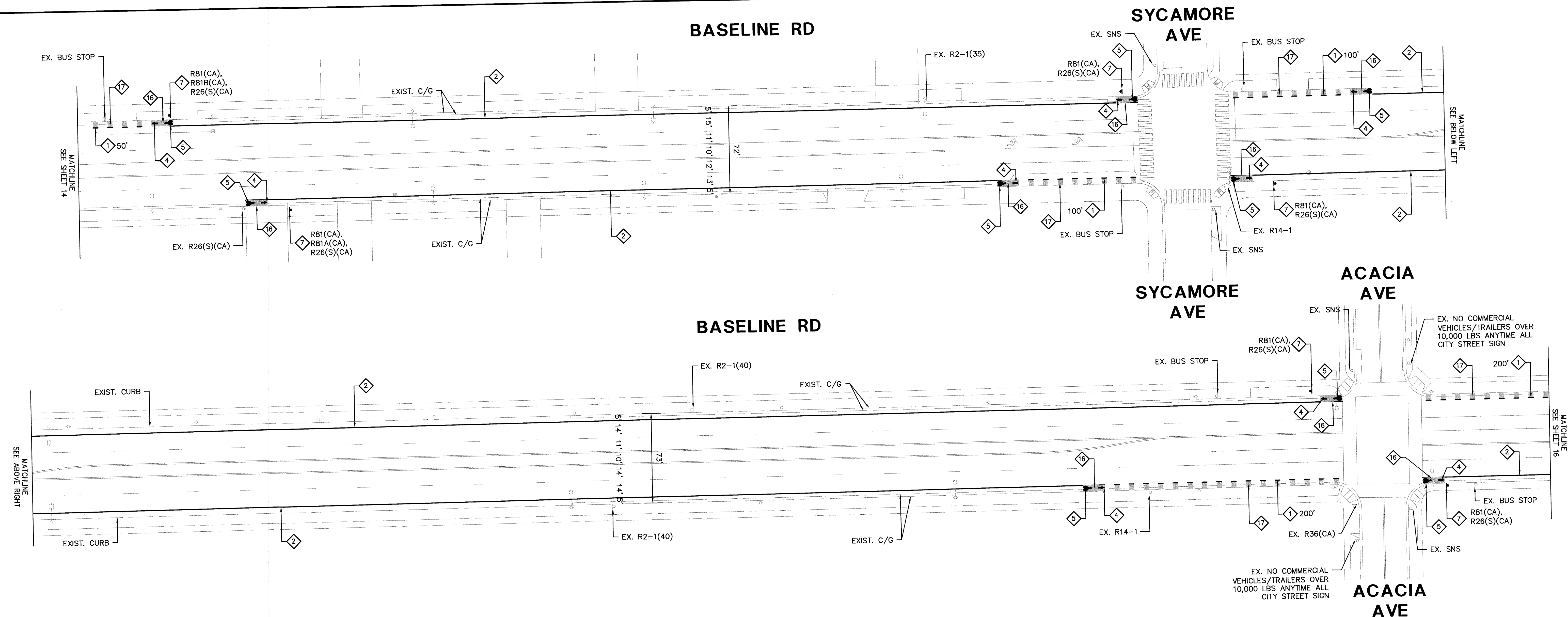
PLANNING | ENGINEERING |
CONSTRUCTION MANAGEMENT

FOR: CITY OF RIALTO

CITY OF RIALTO
EITWANDA IMPROVEMENT PROJECT
BASELINE RD
SIGNING AND STRIPING

PLAN NO. T-642

14
OF 34 SHEETS



SIGNING & STRIPING GENERAL NOTES

1. SIGNING AND STRIPING SHALL CONFORM TO LATEST CALIFORNIA MANUAL OF TRAFFIC CONTROL DEVICES (CA-MUTCD), CALTRANS STANDARD PLANS AND SPECIFICATIONS, AND THESE PLANS AND THE SPECIAL PROVISIONS.
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7. CONTRACTOR SHALL REMOVE CONFLICTING TRAFFIC STRIPES AND PAVEMENT MARKINGS BY WET SANDBLASTING.
8. ALL WARNING AND REGULATORY SIGNS SHALL BE HIGH INTENSITY GRADE (DG3) REFLECTIVE. GUIDE SIGNS SHALL BE SUPER ENGINEERING GRADE REFLECTIVE.
9. ALL SIGNS AND POSTS SHALL BE IN ACCORDANCE TO THE CITY OF RIALTO STANDARDS.
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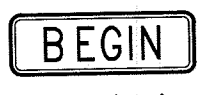
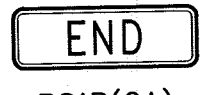
SIGNING & STRIPING CONSTRUCTION NOTES

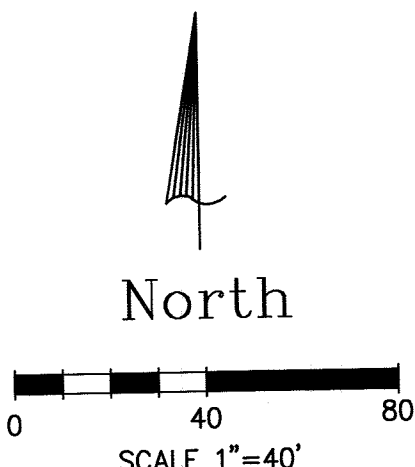
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17. APPLY DASHED GREEN BIKE PAINT PER DETAIL "C" ON SHEET 2, SHALL BE INSTALLED PER SPECIFICATIONS.

LEGEND AND ABBREVIATIONS

STOP	PROP. PAVEMENT MARKING
STOP	PROP. ROADSIDE SIGN
STOP	PROP. TRAFFIC STRIPE
STOP	EX. PAVEMENT MARKING
STOP	EX. ROADSIDE SIGNS
STOP	EX. TRAFFIC STRIPE
STOP	REMOVE. PAVEMENT MARKING
STOP	REMOVE. ROADSIDE SIGNS
STOP	REMOVE. TRAFFIC STRIPE

SIGN LEGEND

 R81(CA)	 R26(S)(CA)	 R81A(CA)	 R81B(CA)
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UNDERGROUND SERVICE ALERT (USA)

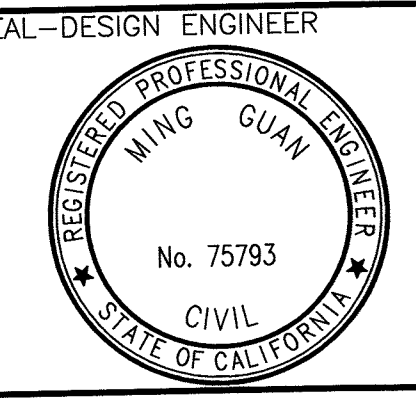
IT'S THE LAW!
DIAL BEFORE
YOU DIG!

811

CALL AT LEAST
TWO WORKING DAYS
BEFORE YOU DIG

Know what's below.
Call before you dig.

MARK	REVISIONS	APPR.	DATE
DESIGNED BY: AO	DRAWN BY: AO	CHECKED BY: MG	



PREPARED UNDER THE SUPERVISION OF:
MING GUAN, RCE 75793
DATE: 7/24/19

RECOMMENDED FOR APPROVAL BY:
AZZAM ABUSHEH, RCE 81198
DATE: 7/25/19

APPROVED BY:
HECTOR GONZALEZ, PRINCIPAL CIVIL ENGINEER, RCE 79797
DATE: 7/25/19



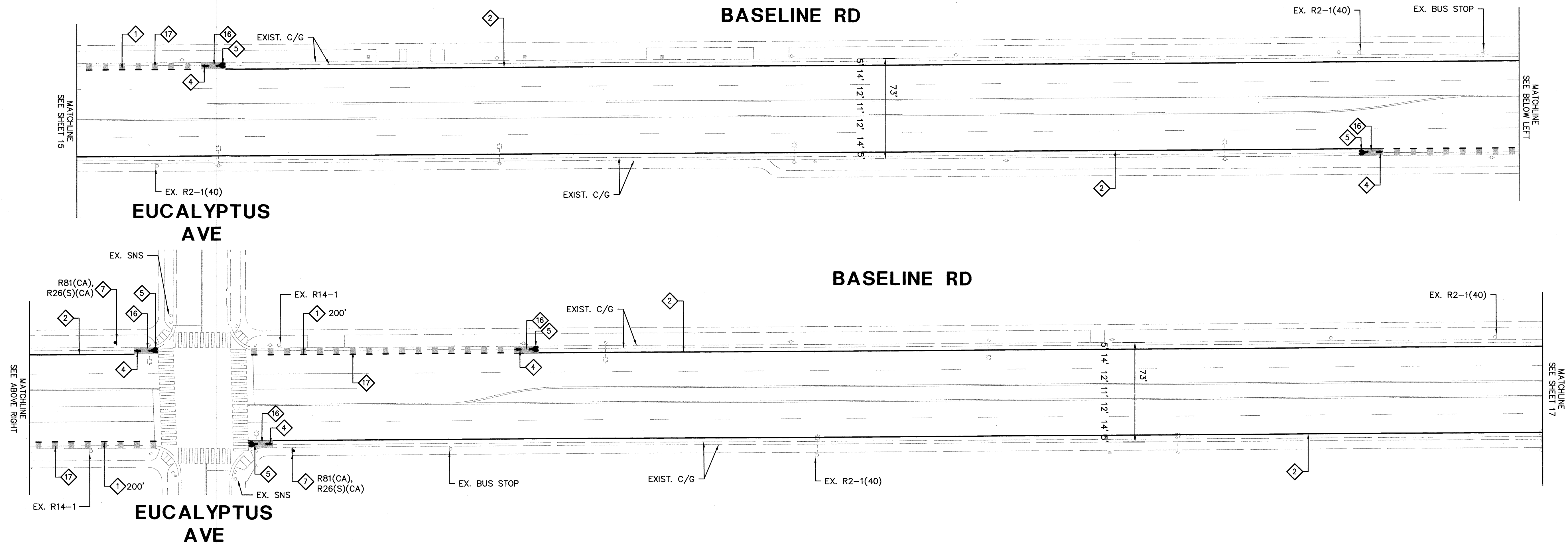
3190 C SHELBY STREET
ONTARIO, CALIFORNIA 91764
Tel: (909) 890-9693 Fax: (909) 890-9694

CITY OF RIALTO
ETIWANDA IMPROVEMENT PROJECT
BASELINE RD
SIGNING AND STRIPING

FOR: CITY OF RIALTO

PLAN NO. **F-642**

15
OF 34 SHEETS



SIGNING & STRIPING GENERAL NOTES

- SIGNING AND STRIPING SHALL CONFORM TO LATEST CALIFORNIA MANUAL OF TRAFFIC CONTROL DEVICES (CA-MUTCD), CALTRANS STANDARD PLANS AND SPECIFICATIONS, AND THESE PLANS AND THE SPECIAL PROVISIONS.
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- CONTRACTOR SHALL REMOVE CONFLICTING TRAFFIC STRIPES AND PAVEMENT MARKINGS BY WET SANDBLASTING.
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SIGNING & STRIPING CONSTRUCTION NOTES

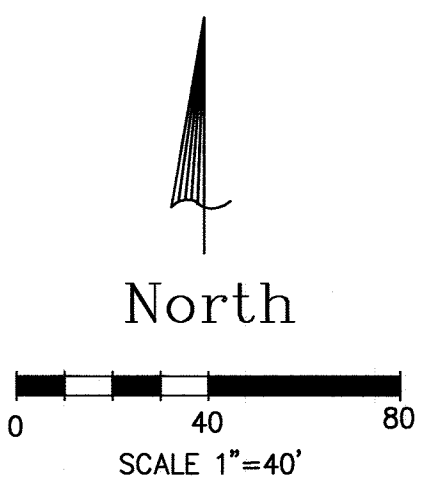
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LEGEND AND ABBREVIATIONS

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STOP	PROP. ROADSIDE SIGN
STOP	PROP. TRAFFIC STRIPE
STOP	EX. PAVEMENT MARKING
STOP	EX. ROADSIDE SIGNS
STOP	EX. TRAFFIC STRIPE
STOP	REMOVE. PAVEMENT MARKING
STOP	REMOVE. ROADSIDE SIGNS
STOP	REMOVE. TRAFFIC STRIPE

SIGN LEGEND

R81(CA)	R26(S)(CA)



UNDERGROUND SERVICE ALERT (USA)

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YOU DIG!

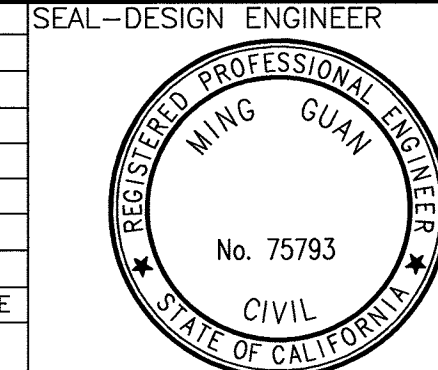
DIGALERT

CALL AT LEAST
TWO WORKING DAYS
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811

Know what's below.
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MARK	REVISIONS	APPR.	DATE
DESIGNED BY: AO	DRAWN BY: AO	CHECKED BY: MG	



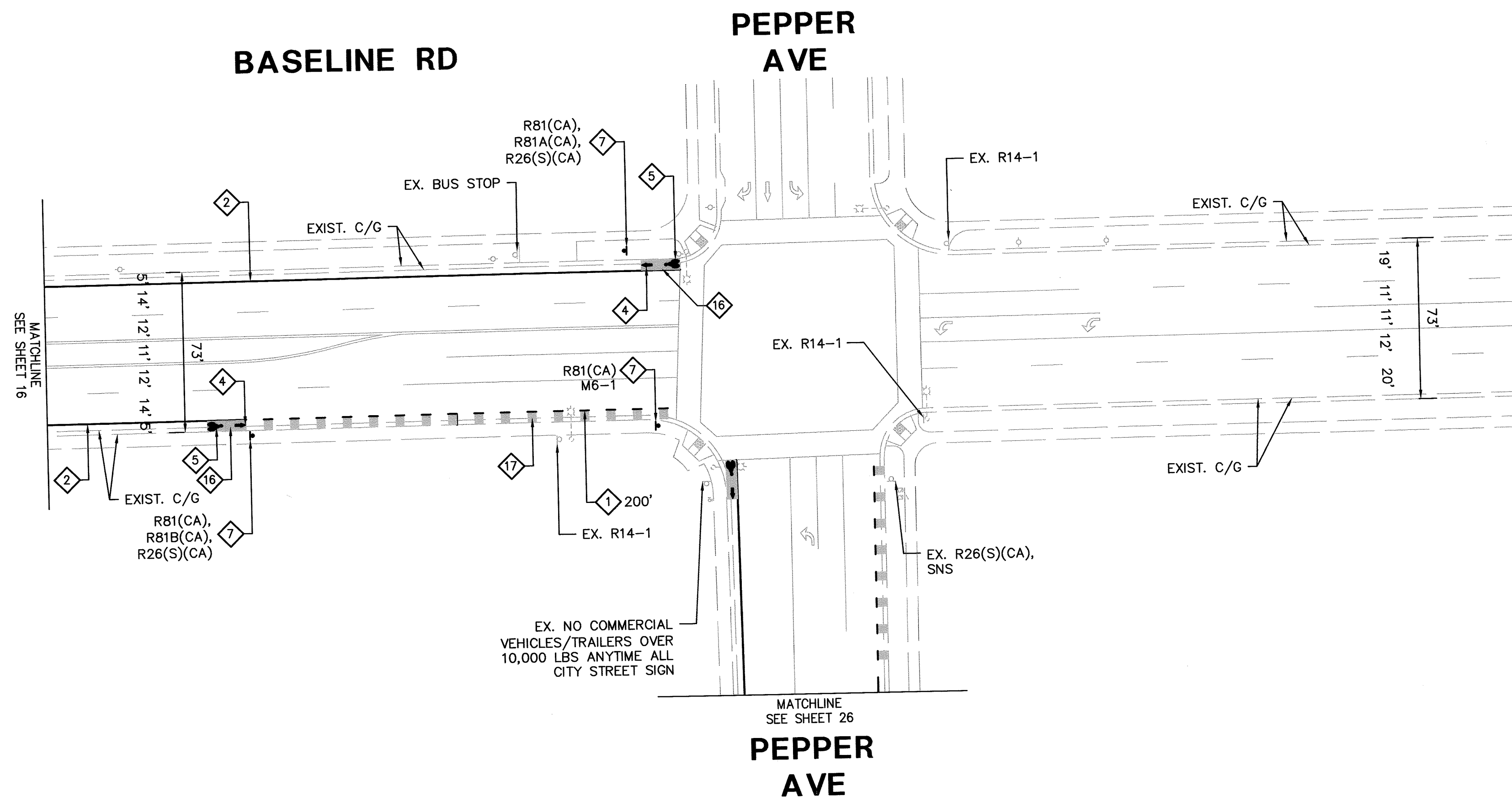
PREPARED UNDER THE SUPERVISION OF:	7/24/19
MING GUAN, RCE 75793	DATE
RECOMMENDED FOR APPROVAL BY:	7/25/19
AZIZ W. JABSEH, RCE 61198	DATE
APPROVED BY:	7/25/19
HECTOR GONZALEZ, PRINCIPAL CIVIL ENGINEER, RCE 79797	DATE

KOA

PLANNING | ENGINEERING |
CONSTRUCTION MANAGEMENT

3190 C SHELBY STREET
ONTARIO, CALIFORNIA 91764
Tel: (909) 890-9693 Fax: (909) 890-9694

CITY OF RIALTO ETIWANDA IMPROVEMENT PROJECT BASELINE RD SIGNING AND STRIPING		16 OF 34 SHEETS
FOR: CITY OF RIALTO	PLAN NO. 7-642	



SIGNING & STRIPING GENERAL NOTES

- SIGNING AND STRIPING SHALL CONFORM TO LATEST CALIFORNIA MANUAL OF TRAFFIC CONTROL DEVICES (CA-MUTCD), CALTRANS STANDARD PLANS AND SPECIFICATIONS, AND THESE PLANS AND THE SPECIAL PROVISIONS.
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- CONTRACTOR SHALL REMOVE CONFLICTING TRAFFIC STRIPES AND PAVEMENT MARKINGS BY WET SANDBLASTING.
- ALL WARNING AND REGULATORY SIGNS SHALL BE HIGH INTENSITY GRADE (DG3) REFLECTIVE. GUIDE SIGNS SHALL BE SUPER ENGINEERING GRADE REFLECTIVE.
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SIGNING & STRIPING CONSTRUCTION NOTES

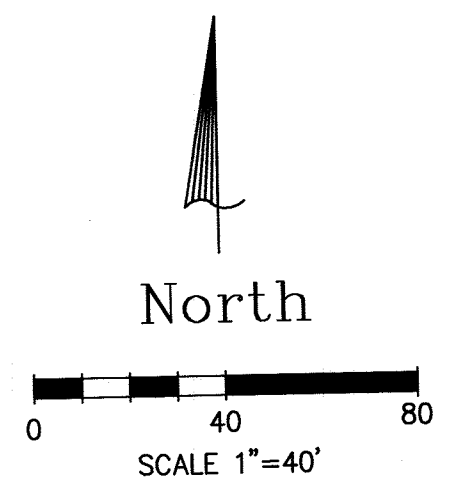
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LEGEND AND ABBREVIATIONS

	PROP. PAVEMENT MARKING
	PROP. ROADSIDE SIGN
	PROP. TRAFFIC STRIPE
	EX. PAVEMENT MARKING
	EX. ROADSIDE SIGNS
	EX. TRAFFIC STRIPE
	REMOVE. PAVEMENT MARKING
	REMOVE. ROADSIDE SIGNS
	REMOVE. TRAFFIC STRIPE

SIGN LEGEND

R81(CA)	R26(S)(CA)	R81A(CA)
		R81B(CA)
M6-1		



UNDERGROUND SERVICE ALERT (USA)

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DESIGNED BY: AO	DRAWN BY: AO	CHECKED BY: MG	

SEAL-DESIGN ENGINEER



PREPARED UNDER THE SUPERVISION OF:

MING GUAN, RCE 75793
RECOMMENDED FOR APPROVAL BY:
AZZAM JABSEH, RCE 61198
APPROVED BY:
HECTOR GONZALEZ, PRINCIPAL CIVIL ENGINEER, RCE 79797

7/24/19
DATE

7/25/19
DATE

7/26/19
DATE



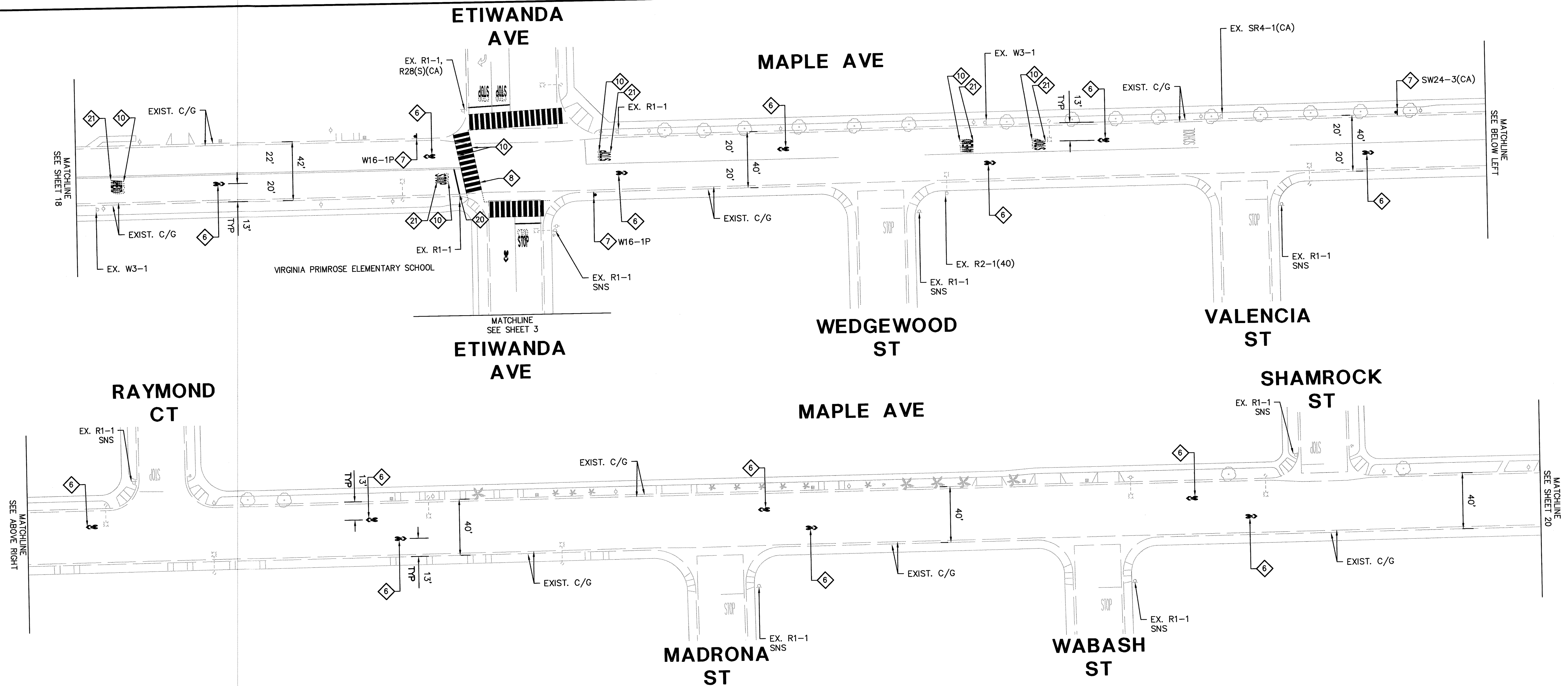
3190 C SHELBY STREET
ONTARIO, CALIFORNIA 91764
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CITY OF RIALTO
ETIWANDA IMPROVEMENT PROJECT
BASELINE RD
SIGNING AND STRIPING

FOR: CITY OF RIALTO

PLAN NO. T-642

17
OF 34 SHEETS



SIGNING & STRIPING GENERAL NOTES

1. SIGNING AND STRIPING SHALL CONFORM TO LATEST CALIFORNIA MANUAL OF TRAFFIC CONTROL DEVICES (CA-MUTCD), CALTRANS STANDARD PLANS AND SPECIFICATIONS, AND THESE PLANS AND THE SPECIAL PROVISIONS.
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11. ALL PAVEMENT MARKINGS ON CITY STREETS SHALL MATCH CITY STENCILS.

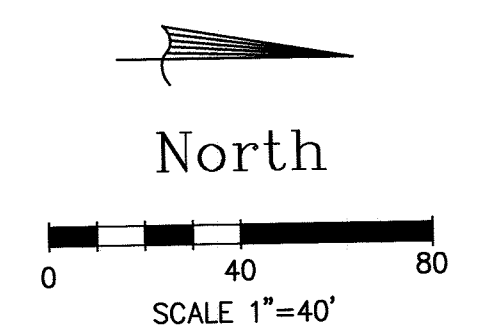
SIGNING & STRIPING CONSTRUCTION NOTES

- 6 APPLY WHITE SHARED ROADWAY BICYCLE PAVMENT MARKING PER CALTRANS STANDARD PLAN A24C.
- 7 FURNISH AND INSTALL ROADSIDE SIGN AND POST PER CITY OF RIALTO STANDARD PLAN SC-223.
- 8 APPLY 24" YELLOW CONTINENTAL CROSSWALK PER CALTRANS STANDARD PLAN A24F.
- 10 REMOVE CONFLICTING STRIPING/MARKING BY SANDBLASTING.
- 20 APPLY 12" WHITE CROSSWALK/LIMIT LINE PER CALTRANS STANDARD PLAN A24E/A24F. SEE DETAIL "D" ON SHEET 2
- 21 APPLY WHITE PAVEMENT "XING, SCHOOL, SLOW, AHEAD, STOP, SIGNAL" PER CALTRANS STANDARD PLAN A24D, AS SHOWN ON THE PLAN.

LEGEND AND ABBREVIATIONS

STOP	PROP. PAVEMENT MARKING
STOP	PROP. ROADSIDE SIGN
STOP	PROP. TRAFFIC STRIPE
STOP	EX. PAVEMENT MARKING
STOP	EX. ROADSIDE SIGNS
STOP	EX. TRAFFIC STRIPE
STOP	REMOVE. PAVEMENT MARKING
STOP	REMOVE. ROADSIDE SIGNS
STOP	REMOVE. TRAFFIC STRIPE

SIGN LEGEND



UNDERGROUND SERVICE ALERT (USA)

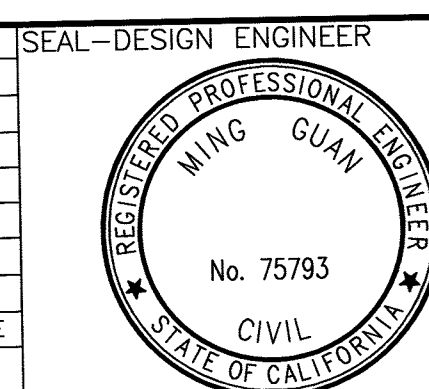
IT'S THE LAW!
DIAL BEFORE
YOU DIG!

CALL AT LEAST
TWO WORKING DAYS
BEFORE YOU DIG



Know what's below.
Call before you dig.

MARK	REVISIONS	APPR.	DATE
DESIGNED BY: AO	DRAWN BY: AO	CHECKED BY: MG	



PREPARED UNDER THE SUPERVISION OF:

RECOMMENDED FOR APPROVAL BY:

APPROVED BY:

HECTOR GONZALEZ, PRINCIPAL CIVIL ENGINEER, RCE 79797

7/24/19
DATE

7/25/19
DATE

7/25/19
DATE



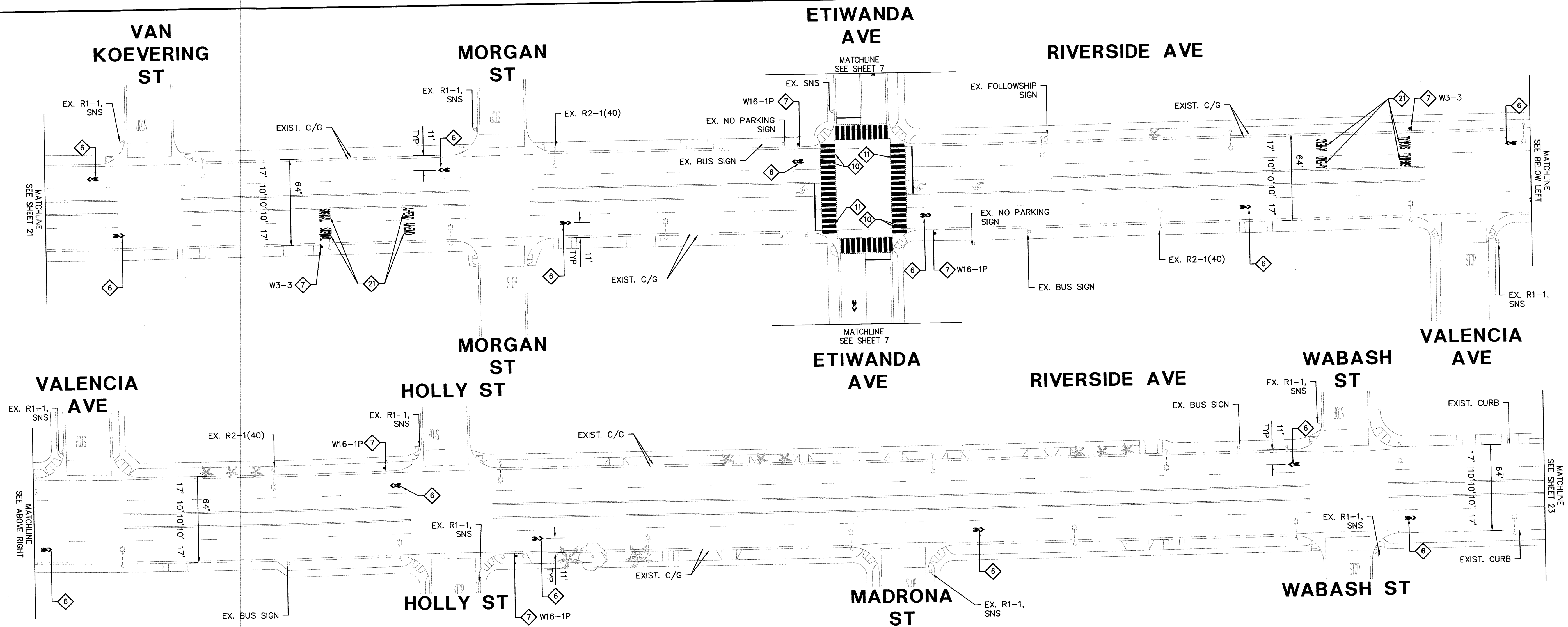
3190 C SHELBY STREET
ONTARIO, CALIFORNIA 91764
Tel: (909) 890-9693 Fax: (909) 890-9694

CITY OF RIALTO
ETIWANDA IMPROVEMENT PROJECT
MAPLE AVE
SIGNING AND STRIPING

FOR: CITY OF RIALTO

PLAN NO. T-642

19
OF 34 SHEETS



SIGNING & STRIPING GENERAL NOTES

1. SIGNING AND STRIPING SHALL CONFORM TO LATEST CALIFORNIA MANUAL OF TRAFFIC CONTROL DEVICES (CA-MUTCD), CALTRANS STANDARD PLANS AND SPECIFICATIONS, AND THESE PLANS AND THE SPECIAL PROVISIONS.
2. CONTRACTOR SHALL FURNISH AND INSTALL ALL TRAFFIC SIGNS, SIGN POSTS, PAVEMENT MARKINGS, RAISED PAVEMENT MARKERS, AND ALL OTHER EQUIPMENT AND HARDWARE IN ACCORDANCE TO THE SPECIFICATIONS.
3. THE CONTRACTOR SHALL INSTALL BLUE RAISED PAVEMENT MARKERS ADJACENT TO ALL FIRE HYDRANTS WITHIN THE PROJECT LIMITS IN ACCORDANCE TO THE SPECIFICATIONS.
4. ALL TRAFFIC STRIPES AND PAVEMENT MARKINGS SHALL BE PAINT UNLESS NOTED OTHERWISE AND SHALL BE INSTALLED IN ACCORDANCE WITH CALTRANS STANDARD WHETHER NEW OR NOT.
5. ALL NEW STRIPING SHALL BE CAT TRACKED AND APPROVED BY THE CITY ENGINEER PRIOR TO THE APPLICATION.
6. PRIOR TO FINAL ACCEPTANCE OF STREET IMPROVEMENTS, ALL EXISTING NON-CONFLICTING STREET STRIPING AND STENCILING WITHIN THE PERIMETER OF THE CONSTRUCTION AREA SHALL BE RESTORED TO LIKE NEW CONDITION, IN A MANNER MEETING THE APPROVAL OF THE CITY OF RIALTO.
7. CONTRACTOR SHALL REMOVE CONFLICTING TRAFFIC STRIPES AND PAVEMENT MARKINGS BY WET SANDBLASTING.
8. ALL WARNING AND REGULATORY SIGNS SHALL BE HIGH INTENSITY GRADE (DG3) REFLECTIVE. GUIDE SIGNS SHALL BE SUPER ENGINEERING GRADE REFLECTIVE.
9. ALL SIGNS AND POSTS SHALL BE IN ACCORDANCE TO THE CITY OF RIALTO STANDARDS.
10. SIGNS SHALL BE STANDARD SIZE UNLESS NOTED OTHERWISE. PRIOR TO INSTALLATION, NEW SIGNS SHALL BE APPROVED BY THE CITY TRAFFIC ENGINEER, EXACT LOCATION OF SIGNS SHALL BE DETERMINED BY THE SAME.
11. ALL PAVEMENT MARKINGS ON CITY STREETS SHALL MATCH CITY STENCILS.

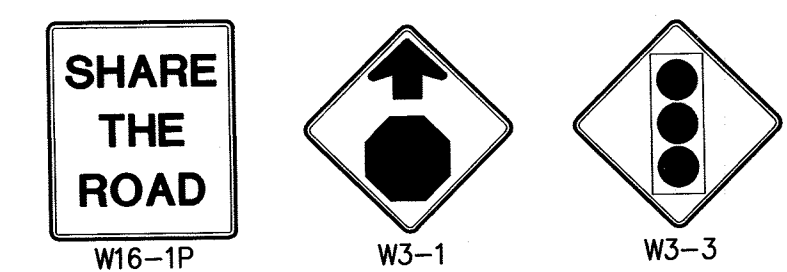
SIGNING & STRIPING CONSTRUCTION NOTES

- 6 APPLY WHITE SHARED ROADWAY BICYCLE PAVEMENT MARKING PER CALTRANS STANDARD PLAN A24C.
- 7 FURNISH AND INSTALL ROADSIDE SIGN AND POST PER CITY OF RIALTO STANDARD PLAN SC-223.
- 10 REMOVE CONFLICTING STRIPING/MARKING BY SANDBLASTING.
- 11 APPLY 24" WHITE CONTINENTAL CROSSWALK PER CALTRANS STANDARD PLAN A24F.
- 21 APPLY WHITE PAVEMENT "XING, SCHOOL, SLOW, AHEAD, STOP, SIGNAL" PER CALTRANS STANDARD PLAN A24D, AS SHOWN ON THE PLAN.

LEGEND AND ABBREVIATIONS

STOP	.....	PROP. PAVEMENT MARKING
STOP	.....	PROP. ROADSIDE SIGN
STOP	.....	PROP. TRAFFIC STRIPE
STOP	.....	EX. PAVEMENT MARKING
STOP	.....	EX. ROADSIDE SIGNS
STOP	.....	EX. TRAFFIC STRIPE
STOP	.....	REMOVE. PAVEMENT MARKING
STOP	.....	REMOVE. ROADSIDE SIGNS
STOP	REMOVE. TRAFFIC STRIPE

SIGN LEGEND



North
0 40 80
SCALE 1"=40'

UNDERGROUND SERVICE ALERT (USA)

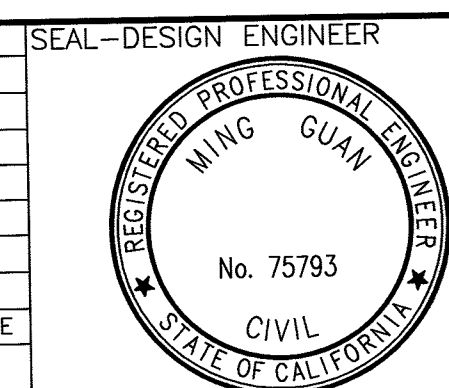
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MARK	REVISIONS	APPR.	DATE
DESIGNED BY: AO	DRAWN BY: AO	CHECKED BY: MG	



PREPARED UNDER THE SUPERVISION OF:

MING GUAN, RCE 75793
RECOMMENDED FOR APPROVAL BY:
AZZAM JABSEH, RCE 61198
APPROVED BY:
HECTOR GONZALEZ, PRINCIPAL CIVIL ENGINEER, RCE 79797

7/24/19
DATE
7/25/19
DATE
7/25/19
DATE



3190 C SHELBY STREET
ONTARIO, CALIFORNIA 91764
Tel: (909) 890-9693 Fax: (909) 890-9694

CITY OF RIALTO
ETIWANDA IMPROVEMENT PROJECT
RIVERSIDE AVE
SIGNING AND STRIPING

FOR: CITY OF RIALTO

PLAN NO. T-642

22
OF 34 SHEETS

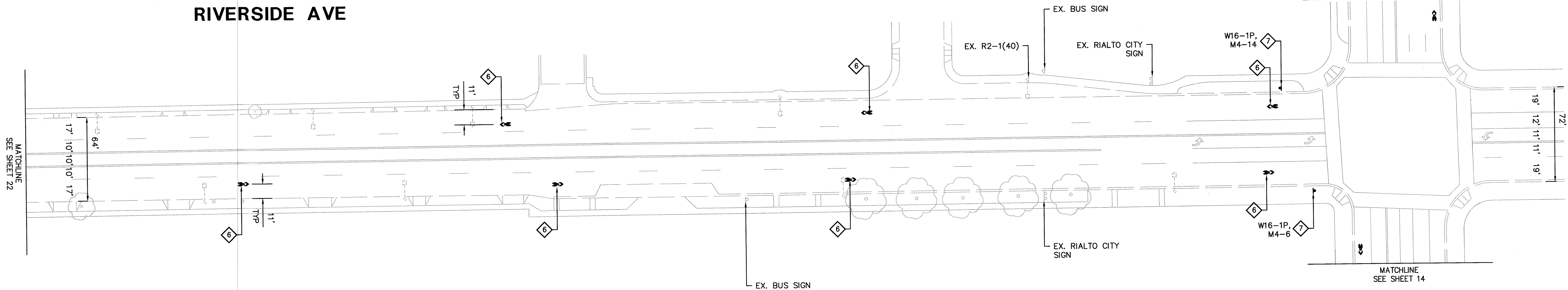
BASELINE RD

MATCHLINE
SEE SHEET 14

RIVERSIDE AVE

BASELINE RD

MATCHLINE
SEE SHEET 14



SIGNING & STRIPING GENERAL NOTES

1. SIGNING AND STRIPING SHALL CONFORM TO LATEST CALIFORNIA MANUAL OF TRAFFIC CONTROL DEVICES (CA-MUTCD), CALTRANS STANDARD PLANS AND SPECIFICATIONS, AND THESE PLANS AND THE SPECIAL PROVISIONS.
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5. ALL NEW STRIPING SHALL BE CAT TRACKED AND APPROVED BY THE CITY ENGINEER PRIOR TO THE APPLICATION.
6. PRIOR TO FINAL ACCEPTANCE OF STREET IMPROVEMENTS, ALL EXISTING NON-CONFLICTING STREET STRIPING AND STENCILING WITHIN THE PERIMETER OF THE CONSTRUCTION AREA SHALL BE RESTORED TO LIKE NEW CONDITION, IN A MANNER MEETING THE APPROVAL OF THE CITY OF RIALTO.
7. CONTRACTOR SHALL REMOVE CONFLICTING TRAFFIC STRIPES AND PAVEMENT MARKINGS BY WET SANDBLASTING.
8. ALL WARNING AND REGULATORY SIGNS SHALL BE HIGH INTENSITY GRADE (DG3) REFLECTIVE. GUIDE SIGNS SHALL BE SUPER ENGINEERING GRADE REFLECTIVE.
9. ALL SIGNS AND POSTS SHALL BE IN ACCORDANCE TO THE CITY OF RIALTO STANDARDS.
10. SIGNS SHALL BE STANDARD SIZE UNLESS NOTED OTHERWISE. PRIOR TO INSTALLATION, NEW SIGNS SHALL BE APPROVED BY THE CITY TRAFFIC ENGINEER, EXACT LOCATION OF SIGNS SHALL BE DETERMINED BY THE SAME.
11. ALL PAVEMENT MARKINGS ON CITY STREETS SHALL MATCH CITY STENCILS.

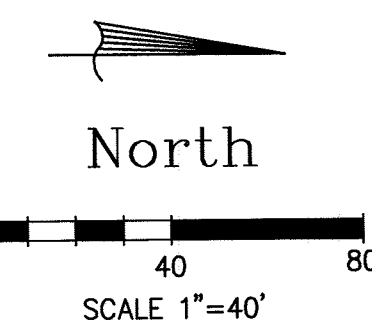
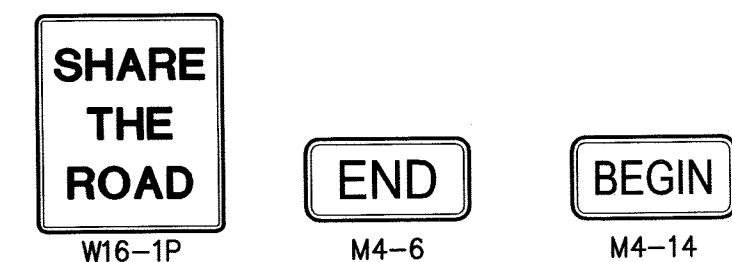
SIGNING & STRIPING CONSTRUCTION NOTES

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- 7 FURNISH AND INSTALL ROADSIDE SIGN AND POST PER CITY OF RIALTO STANDARD PLAN SC-223.

LEGEND AND ABBREVIATIONS

STOP	PROP. PAVEMENT MARKING
STOP	PROP. ROADSIDE SIGN
STOP	PROP. TRAFFIC STRIPE
STOP	EX. PAVEMENT MARKING
STOP	EX. ROADSIDE SIGNS
STOP	EX. TRAFFIC STRIPE
STOP	REMOVE. PAVEMENT MARKING
STOP	REMOVE. ROADSIDE SIGNS
STOP	REMOVE. TRAFFIC STRIPE

SIGN LEGEND

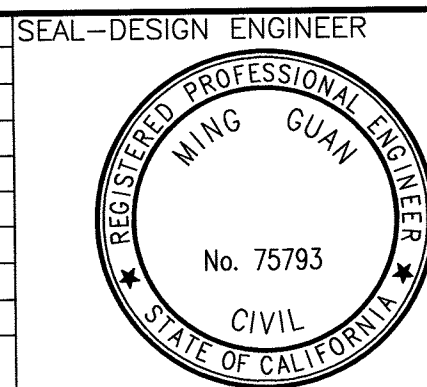


UNDERGROUND SERVICE ALERT (USA)



CALL AT LEAST TWO WORKING DAYS BEFORE YOU DIG

MARK	REVISIONS	APPR.	DATE
DESIGNED BY: AO	DRAWN BY: AO	CHECKED BY: MG	



PREPARED UNDER THE SUPERVISION OF:
MING GUAN, RCE 75793
DATE 7/24/19
RECOMMENDED FOR APPROVAL BY:
AZAM JABREH, RCE 61198
DATE 7/25/19
APPROVED BY:
HECTOR GONZALEZ, PRINCIPAL CIVIL ENGINEER, RCE 79797
DATE 7/25/19



3190 C. SHELBY STREET
ONTARIO, CALIFORNIA 91764
Tel: (909) 890-9693 Fax: (909) 890-9694

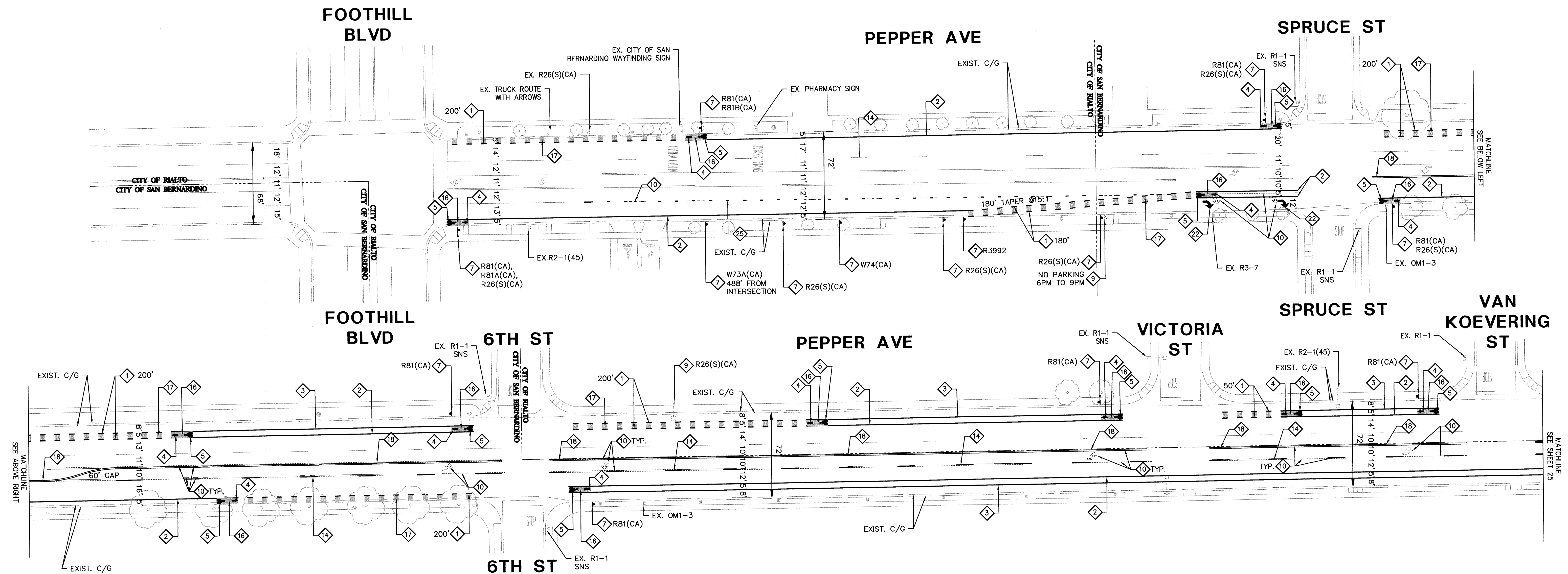
CITY OF RIALTO
ETIWANDA IMPROVEMENT PROJECT
RIVERSIDE AVE
SIGNING AND STRIPING

23

OF 34 SHEETS

FOR: CITY OF RIALTO

PLAN NO. T-642



SIGNING & STRIPING GENERAL NOTES

1. SIGNING AND STRIPING SHALL CONFORM TO LATEST CALIFORNIA MANUAL OF TRAFFIC CONTROL DEVICES (CA-MUTCD), CALTRANS STANDARD PLANS AND SPECIFICATIONS, AND THESE PLANS AND THE SPECIAL PROVISIONS.
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4. ALL TRAFFIC STRIPES AND PAVEMENT MARKINGS SHALL BE PAINT UNLESS NOTED OTHERWISE AND SHALL BE INSTALLED IN ACCORDANCE WITH CALTRANS STANDARD WHETHER NEW OR NOT.
5. ALL NEW STRIPING SHALL BE CAT TRACKED AND APPROVED BY THE CITY ENGINEER PRIOR TO THE APPLICATION.
6. PRIOR TO FINAL ACCEPTANCE OF STREET IMPROVEMENTS, ALL EXISTING NON-CONFLICTING STREET STRIPING AND STENCILING WITHIN THE PERIMETER OF THE CONSTRUCTION AREA SHALL BE RESTORED TO LIKE NEW CONDITION, IN A MANNER MEETING THE APPROVAL OF THE CITY OF RIALTO.
7. CONTRACTOR SHALL REMOVE CONFLICTING TRAFFIC STRIPES AND PAVEMENT MARKINGS BY WET SANDBLASTING.
8. ALL WARNING AND REGULATORY SIGNS SHALL BE HIGH INTENSITY GRADE (DG3) REFLECTIVE. GUIDE SIGNS SHALL BE SUPER ENGINEERING GRADE REFLECTIVE.
9. ALL SIGNS AND POSTS IN CITY OF RIALTO RIGHT-OF-WAY SHALL BE IN ACCORDANCE TO THE CITY OF RIALTO STANDARDS AND ALL SIGNS AND POSTS IN CITY OF SAN BERNARDINO RIGHT-OF-WAY SHALL BE IN ACCORDANCE TO THE CITY OF SAN BERNARDINO STANDARDS.
10. SIGNS SHALL BE STANDARD SIZE UNLESS NOTED OTHERWISE. PRIOR TO INSTALLATION, NEW SIGNS SHALL BE APPROVED BY THE CITY TRAFFIC ENGINEER, EXACT LOCATION OF SIGNS SHALL BE DETERMINED BY THE SAME.
11. ALL PAVEMENT MARKINGS ON CITY STREETS SHALL MATCH CITY STENCILS.

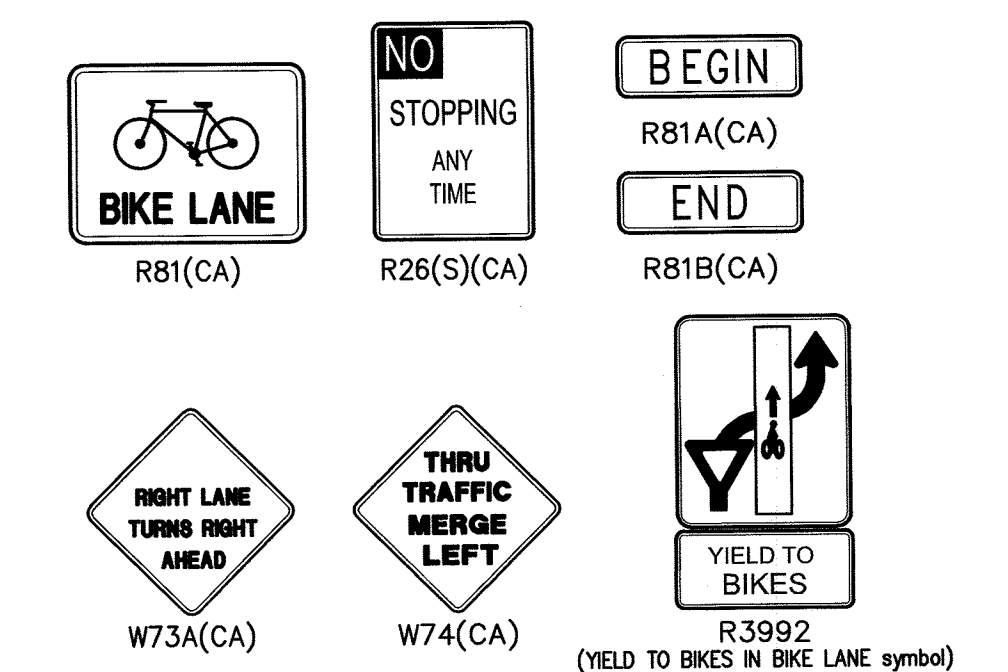
SIGNING & STRIPING CONSTRUCTION NOTES

1. APPLY 6" WHITE BIKE LINE PER CALTRANS STANDARD PLAN A20D, DETAIL 39A.
2. APPLY 6" WHITE BIKE LANE LINE PER CALTRANS STANDARD PLAN A20D, DETAIL 39.
3. APPLY 6" WHITE STRIPE PER CALTRANS STANDARD PLAN A20B, DETAIL 27B.
4. APPLY WHITE BIKE LANE ARROW PAVEMENT MARKING PER CALTRANS STANDARD PLAN A24A.
5. APPLY WHITE PAVEMENT BIKE SYMBOL WITH PERSON MARKING PER CALTRANS STANDARD PLAN A24C.
6. FURNISH AND INSTALL ROADSIDE SIGN AND POST PER CITY OF RIALTO STANDARD PLAN SC-223.
7. REMOVE EXISTING SIGN AND/OR POST.
8. REMOVE CONFLICTING STRIPING/MARKING BY SANDBLASTING.
9. APPLY 6" WHITE LANE LINE PER CALTRANS STANDARD PLAN A20A, DETAIL 12.
10. APPLY GREEN PAINT PER DETAIL "B" ON SHEET 2, SHALL BE INSTALLED PER SPECIFICATIONS.
11. APPLY DASHED GREEN BIKE PAINT PER DETAIL "C" ON SHEET 2, SHALL BE INSTALLED PER SPECIFICATIONS.
12. APPLY 6" DOUBLE YELLOW CENTERLINE PER CALTRANS STANDARD PLAN A20A, DETAIL 22.
13. APPLY WHITE TYPE IV ARROW PER CALTRANS STD. PLAN A24A.
14. APPLY 8" DASHED WHITE LANE DROP AT INTERSECTION PER CALTRANS STD. PLAN A20C, DETAIL 37B.

LEGEND AND ABBREVIATIONS

STOP	PROP. PAVEMENT MARKING
STOP	PROP. ROADSIDE SIGN
STOP	PROP. TRAFFIC STRIPE
STOP	EX. PAVEMENT MARKING
STOP	EX. ROADSIDE SIGNS
STOP	EX. TRAFFIC STRIPE
STOP	REMOVE. PAVEMENT MARKING
STOP	REMOVE. ROADSIDE SIGNS
STOP	REMOVE. TRAFFIC STRIPE

SIGN LEGEND



North

0 40 80
SCALE 1"=40'

UNDERGROUND SERVICE ALERT (USA)

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DIAL BEFORE
YOU DIG!



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TWO WORKING DAYS
BEFORE YOU DIG

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Call before you dig.

MARK	REVISIONS	APPR.	DATE
DESIGNED BY: AO	DRAWN BY: AO	CHECKED BY: MG	

SEAL-DESIGN ENGINEER



PREPARED UNDER THE SUPERVISION OF:

MING GUAN, RCE 75793

RECOMMENDED FOR APPROVAL BY:

AZZAR JABSEH, RCE 61198

APPROVED BY:

HECTOR GONZALEZ, PRINCIPAL CIVIL ENGINEER, RCE 79797

7/24/19
DATE

7/25/19
DATE

7/25/19
DATE

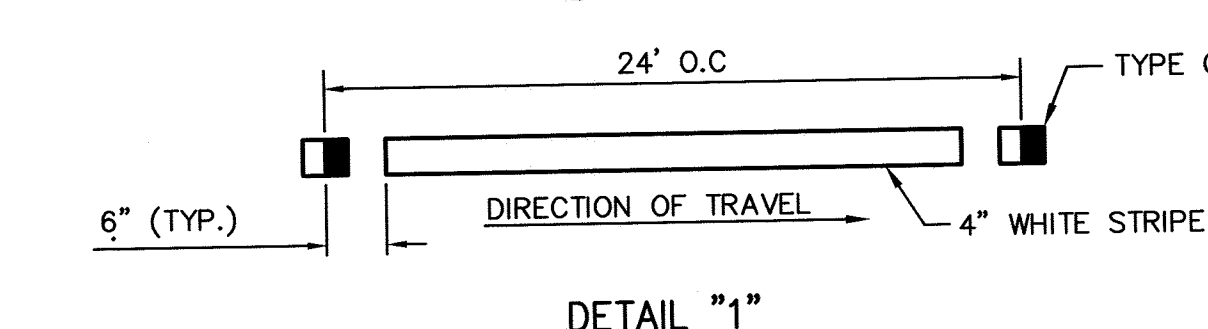
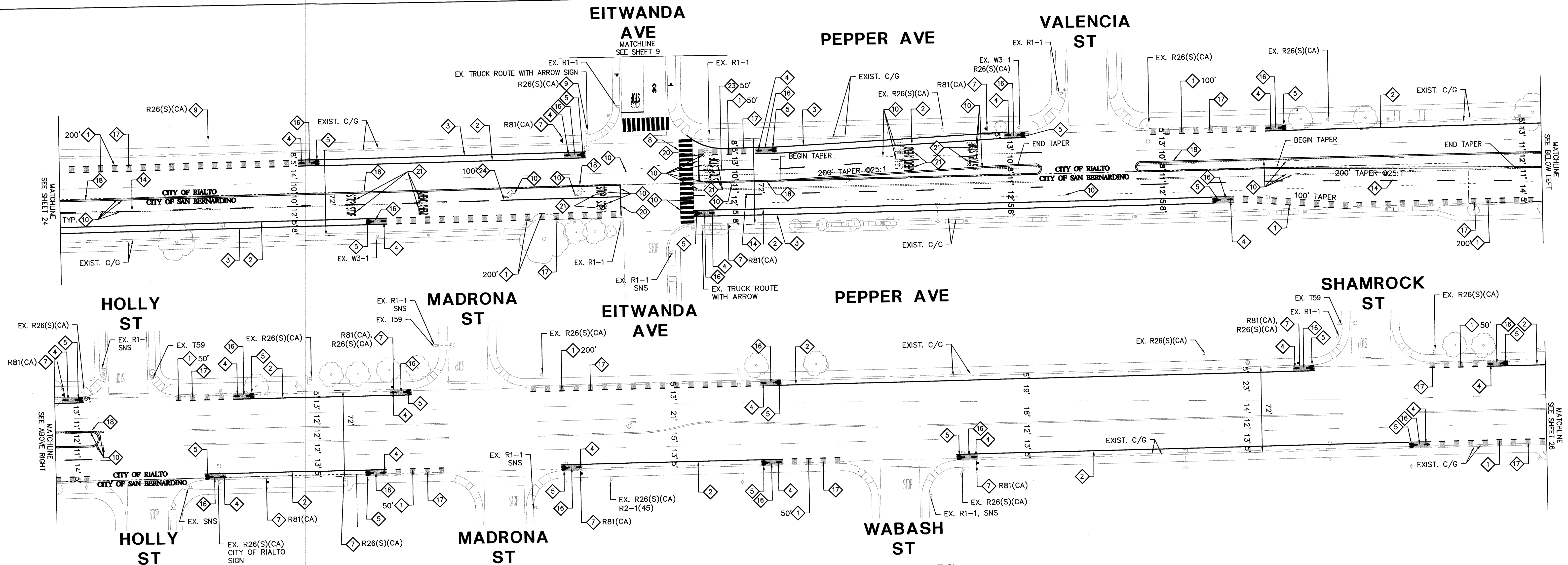


3190 C SHELBY STREET
ONTARIO, CALIFORNIA 91764
Tel: (909) 890-9693 Fax: (909) 890-9694

CITY OF SAN BERNARDINO DEPARTMENT OF ENGINEERING
APPROVED BY: ALEX QISHTA, RCE 66702
DATE:

CITY OF RIALTO
ETIWANDA IMPROVEMENT PROJECT
PEPPER AVE
SIGNING AND STRIPING
FOR: CITY OF RIALTO
PLAN NO. 1-642

24
OF 34 SHEETS



SIGNING & STRIPING GENERAL NOTES

1. SIGNING AND STRIPING SHALL CONFORM TO LATEST CALIFORNIA MANUAL OF TRAFFIC CONTROL DEVICES (CA-MUTCD), CALTRANS STANDARD PLANS AND SPECIFICATIONS, AND THESE PLANS AND THE SPECIAL PROVISIONS.
2. CONTRACTOR SHALL FURNISH AND INSTALL ALL TRAFFIC SIGNS, SIGN POSTS, PAVEMENT MARKINGS, RAISED PAVEMENT MARKERS, AND ALL OTHER EQUIPMENT AND HARDWARE IN ACCORDANCE TO THE SPECIFICATIONS.
3. THE CONTRACTOR SHALL INSTALL BLUE RAISED PAVEMENT MARKERS ADJACENT TO ALL FIRE HYDRANTS WITHIN THE PROJECT LIMITS IN ACCORDANCE TO THE SPECIFICATIONS.
4. ALL TRAFFIC STRIPES AND PAVEMENT MARKINGS SHALL BE PAINT UNLESS NOTED OTHERWISE AND SHALL BE INSTALLED IN ACCORDANCE WITH CALTRANS STANDARD WHETHER NEW OR NOT.
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6. PRIOR TO FINAL ACCEPTANCE OF STREET IMPROVEMENTS, ALL EXISTING NON-CONFLICTING STREET STRIPING AND STENCILING WITHIN THE PERIMETER OF THE CONSTRUCTION AREA SHALL BE RESTORED TO LIKE NEW CONDITION, IN A MANNER MEETING THE APPROVAL OF THE CITY OF RIALTO.
7. CONTRACTOR SHALL REMOVE CONFLICTING TRAFFIC STRIPES AND PAVEMENT MARKINGS BY WET SANDBLASTING.
8. ALL WARNING AND REGULATORY SIGNS SHALL BE HIGH INTENSITY GRADE (DG3) REFLECTIVE. GUIDE SIGNS SHALL BE SUPER ENGINEERING GRADE REFLECTIVE.
9. ALL SIGNS AND POSTS IN CITY OF RIALTO RIGHT-OF-WAY SHALL BE IN ACCORDANCE TO THE CITY OF RIALTO STANDARDS AND ALL SIGNS AND POSTS IN CITY OF SAN BERNARDINO RIGHT-OF-WAY SHALL BE IN ACCORDANCE TO THE CITY OF SAN BERNARDINO STANDARDS.
10. SIGNS SHALL BE STANDARD SIZE UNLESS NOTED OTHERWISE. PRIOR TO INSTALLATION, NEW SIGNS SHALL BE APPROVED BY THE CITY TRAFFIC ENGINEER, EXACT LOCATION OF SIGNS SHALL BE DETERMINED BY THE SAME.
11. ALL PAVEMENT MARKINGS ON CITY STREETS SHALL MATCH CITY STENCILS.

SIGNING & STRIPING CONSTRUCTION NOTES

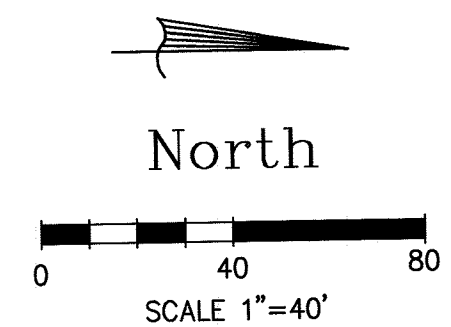
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3. APPLY 6" WHITE STRIPE PER CALTRANS STANDARD PLAN A20B, DETAIL 27B.
4. APPLY WHITE BIKE LANE ARROW PAVEMENT MARKING PER CALTRANS STANDARD PLAN A24A.
5. APPLY WHITE PAVEMENT BIKE SYMBOL WITH PERSON MARKING PER CALTRANS STANDARD PLAN A24C.
7. FURNISH AND INSTALL ROADSIDE SIGN AND POST PER CITY OF RIALTO STANDARD PLAN SC-223.
8. APPLY 24" YELLOW CONTINENTAL CROSSWALK PER CALTRANS STANDARD PLAN A24F.
9. REMOVE EXISTING SIGN AND/OR POST.
10. REMOVE CONFLICTING STRIPING/MARKING BY SANDBLASTING.
14. APPLY 6" WHITE LANE LINE PER CALTRANS STANDARD PLAN A20A, DETAIL 12.
16. APPLY GREEN PAINT PER DETAIL "B" ON SHEET 2, SHALL BE INSTALLED PER SPECIFICATIONS.
17. APPLY DASHED GREEN BIKE PAINT PER DETAIL "C" ON SHEET 2, SHALL BE INSTALLED PER SPECIFICATIONS.
18. APPLY 6" DOUBLE YELLOW CENTERLINE PER CALTRANS STANDARD PLAN A20A, DETAIL 22.
20. APPLY 12" WHITE CROSSWALK/LIMIT LINE PER CALTRANS STANDARD PLAN A24E/A24F. SEE DETAIL "D" ON SHEET 2.
21. APPLY WHITE PAVEMENT "XING, SCHOOL, SLOW, AHEAD, STOP, SIGNAL" PER CALTRANS STANDARD PLAN A24D, AS SHOWN ON THE PLAN.
23. APPLY 8" WHITE CHANNELIZING LINE PER CALTRANS STD. PLAN A20D, DETAIL 38.
24. APPLY WHITE SOLID LANE LINE PER DETAIL "1" HEREON.

LEGEND AND ABBREVIATIONS

	PROP. PAVEMENT MARKING
	PROP. ROADSIDE SIGN
	PROP. TRAFFIC STRIPE
	EX. PAVEMENT MARKING
	EX. ROADSIDE SIGNS
	EX. TRAFFIC STRIPE
	REMOVE. PAVEMENT MARKING
	REMOVE. ROADSIDE SIGNS
	REMOVE. TRAFFIC STRIPE

SIGN LEGEND

	R81(CA)
	R26(S)(CA)



UNDERGROUND SERVICE ALERT (USA)

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811

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MARK	REVISIONS	APPR.	DATE
DESIGNED BY: AO	DRAWN BY: AO	CHECKED BY: MG	

SEAL-DESIGN ENGINEER

PREPARED UNDER THE SUPERVISION OF:

MING GUAN, RCE 75793

RECOMMENDED FOR APPROVAL BY:

AZZAM JABSEH, RCE 61198

APPROVED BY:

HECTOR GONZALEZ, PRINCIPAL CIVIL ENGINEER, RCE 79797

7/24/19 DATE

7/28/19 DATE

7/24/19 DATE

KOA

PLANNING | ENGINEERING | CONSTRUCTION MANAGEMENT

3190 C SHELBY STREET
ONTARIO, CALIFORNIA 91764
Tel: (909) 890-9693 Fax: (909) 890-9694

CITY OF SAN BERNARDINO DEPARTMENT OF ENGINEERING

APPROVED BY: ALEX QISHTA, RCE 66702

DATE:

CITY OF RIALTO

ETIWANDA IMPROVEMENT PROJECT

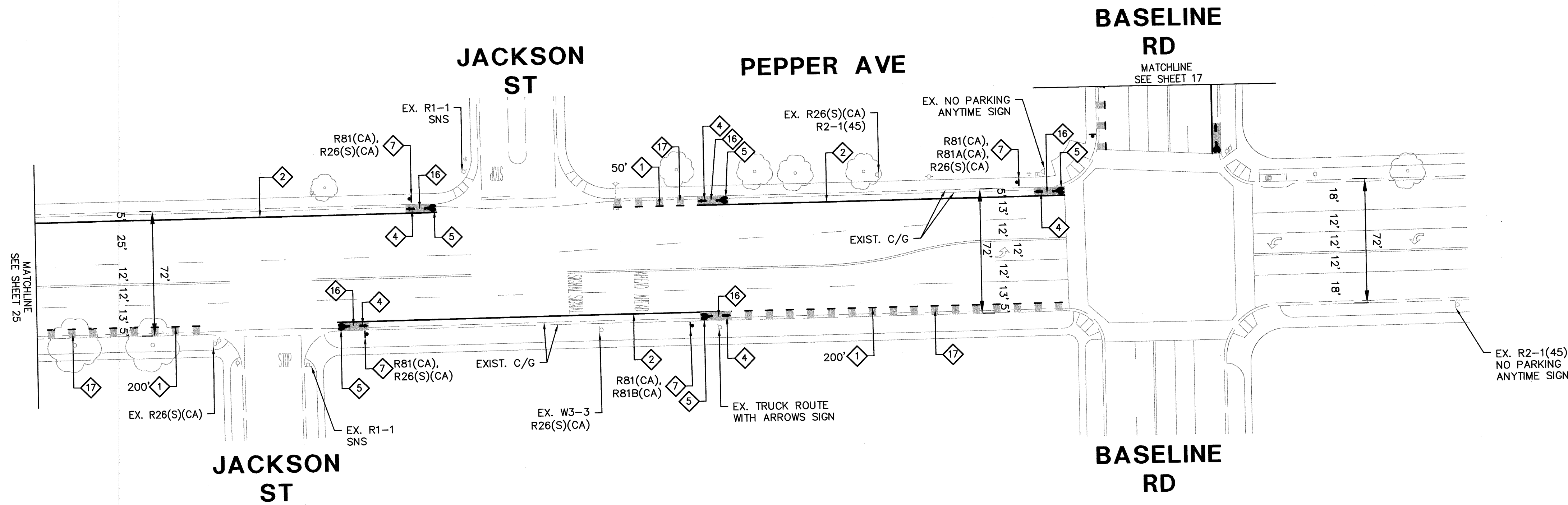
PEPPER AVE

SIGNING AND STRIPING

FOR: CITY OF RIALTO

PLAN NO. T-642

25 OF 34 SHEETS



SIGNING & STRIPING GENERAL NOTES

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SIGNING & STRIPING CONSTRUCTION NOTES

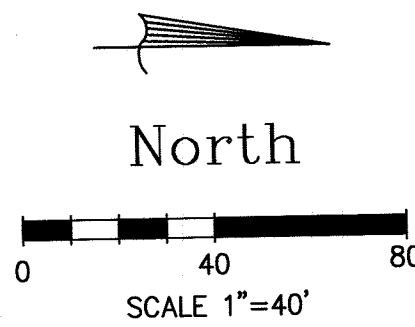
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LEGEND AND ABBREVIATIONS

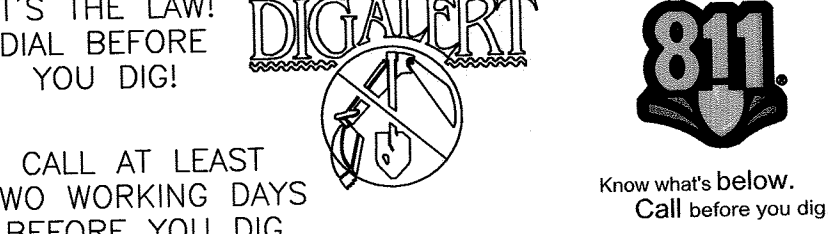
 PROP. PAVEMENT MARKING
 PROP. ROADSIDE SIGN
 PROP. TRAFFIC STRIPE
	..... EX. PAVEMENT MARKING
	..... EX. ROADSIDE SIGNS
	..... EX. TRAFFIC STRIPE
	..... REMOVE. PAVEMENT MARKING
	..... REMOVE. ROADSIDE SIGNS
	..... REMOVE. TRAFFIC STRIPE

SIGN LEGEND

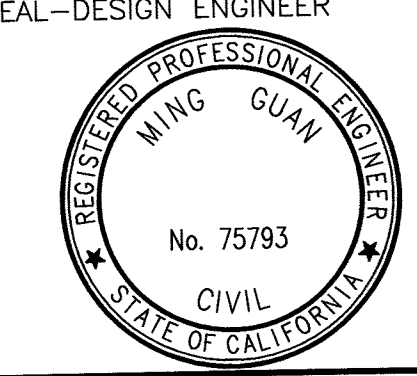
R81(CA)	R26(S)(CA)	R81A(CA)
		R81B(CA)



UNDERGROUND SERVICE ALERT (USA)



MARK	REVISIONS	APPR.	DATE
DESIGNED BY: AO	DRAWN BY: AO	CHECKED BY: MG	



PREPARED UNDER THE SUPERVISION OF:	7/24/19
MING GUAN, RCE 75793	DATE
RECOMMENDED FOR APPROVAL BY:	7/25/19
AZZAM WABSHAH, RCE 61198	DATE
APPROVED BY:	7/25/19
HECTOR GONZALEZ, PRINCIPAL CIVIL ENGINEER, RCE 79797	DATE



3190 C SHELBY STREET
ONTARIO, CALIFORNIA 91764
Tel: (909) 890-9693 Fax: (909) 890-9694

CITY OF RIALTO
ETIWANDA IMPROVEMENT PROJECT
PEPPER AVE
SIGNING AND STRIPING

FOR: CITY OF RIALTO

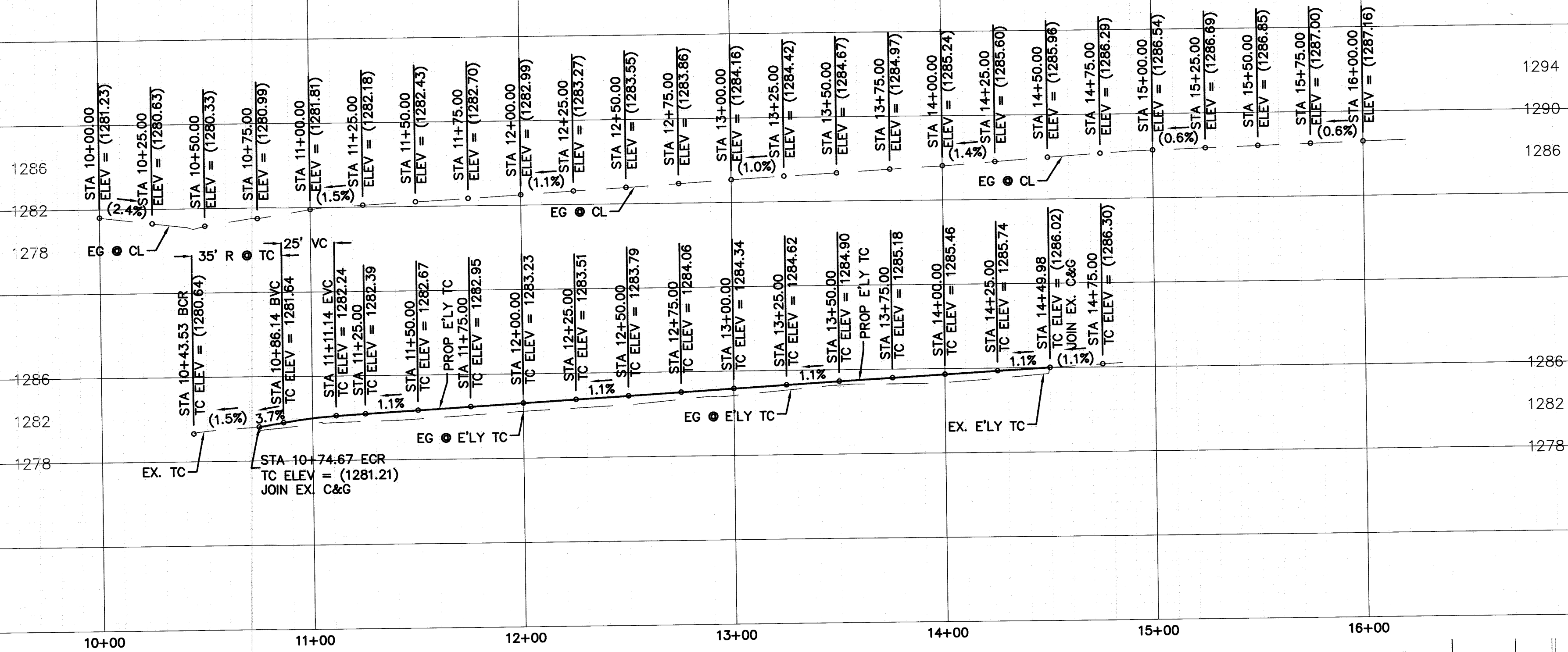
PLAN NO. **T-642**

26
OF 34 SHEETS

CURB ELEVATIONS ARE PROVIDED AT EXTENDED TC ELEVATIONS. ADJUST TC TO FIT PROPOSED CURB RAMP.

XXX.XX = PROPOSED
(XXX.XX) = EXISTING

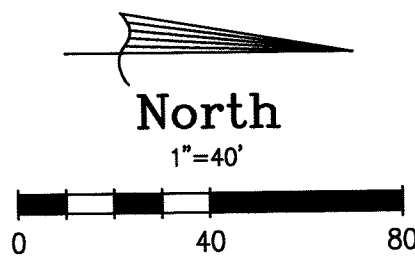
HORIZ. SCALE 1"=40'
VERT. SCALE 1"=8'



FOOTHILL BLVD

SPRUCE AVE

GROVE ST

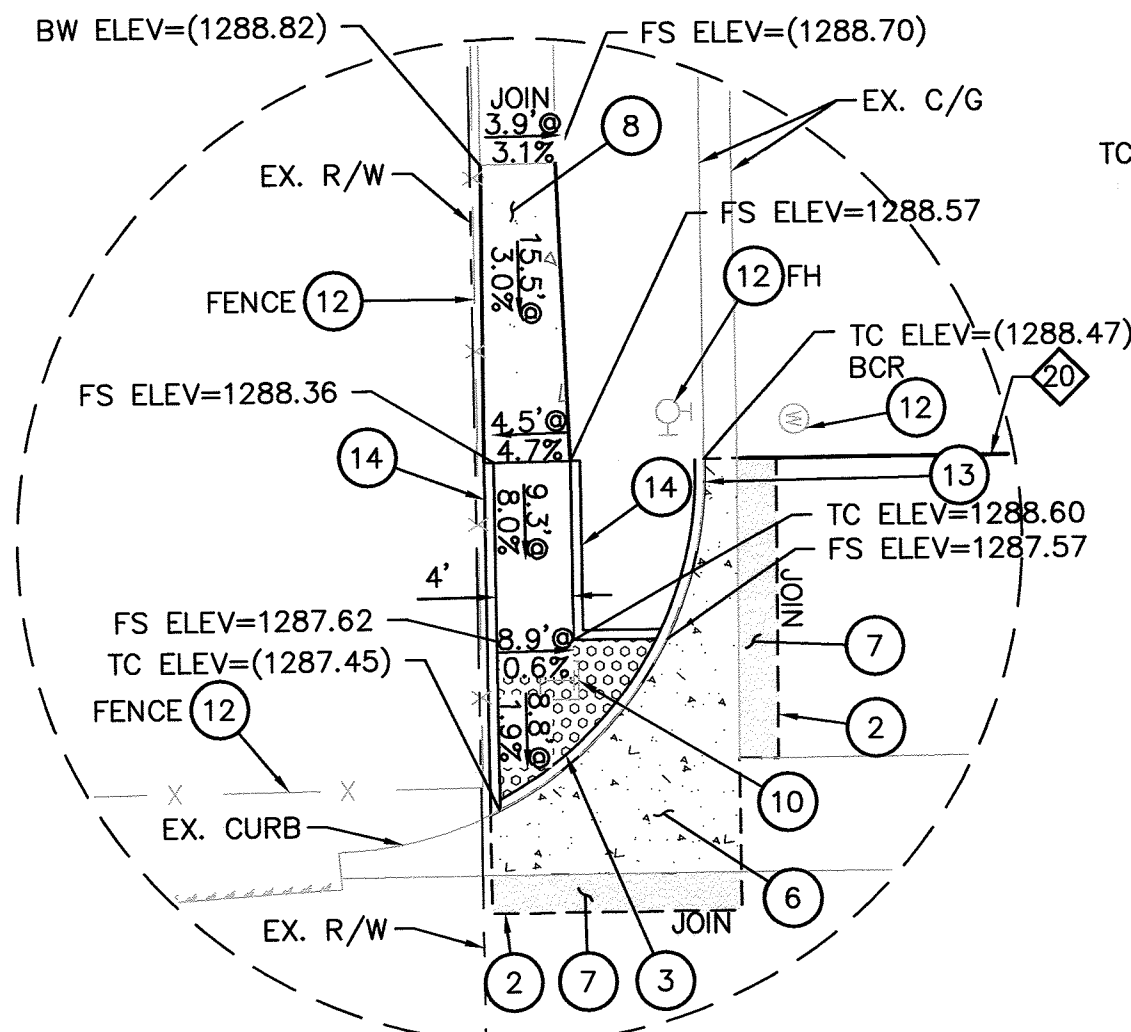


ROADWAY CONSTRUCTION NOTES

- 1 REMOVE EXISTING AS NEED FOR CONSTRUCTION.
- 2 REMOVAL LIMIT. SAWCUT CONCRETE, ASPHALT, AND OTHER HARDSCAPE SURFACE AND REMOVE TO THE LIMITS SHOWN ON THIS PLAN. ALL REMOVALS SHALL BE DISPOSED OF BY THE CONTRACTOR, UNDER CLEARING AND GRUBBING.
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- 6 CONSTRUCT CROSS GUTTER PER CITY STD. PLAN NO. SC-216.
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- 8 CONSTRUCT 4" THICK P.C.C. SIDEWALK OVER 12" MIN 95% COMPACTED NATIVE PER CITY STD PLAN NO. SC-203 AND SC-204.
- 9 INSTALL DETECTABLE WARNING SURFACE PER CITY STD. PLAN NO. 215.
- 10 RELOCATE EXISTING UTILITY. (BY OTHERS)
- 12 PROTECT IN PLACE
- 13 CONSTRUCT 8" CURB INTEGRAL WITH SPANDREL.
- 14 CONSTRUCT RETAINING CURB PER CITY STD. PLAN NO. 215, DETAIL "D".
- 15 GRIND AND OVERLAY EXISTING PAVEMENT WITH 0.10" AC MIN PER DETAIL "3" ON SHEET 2.

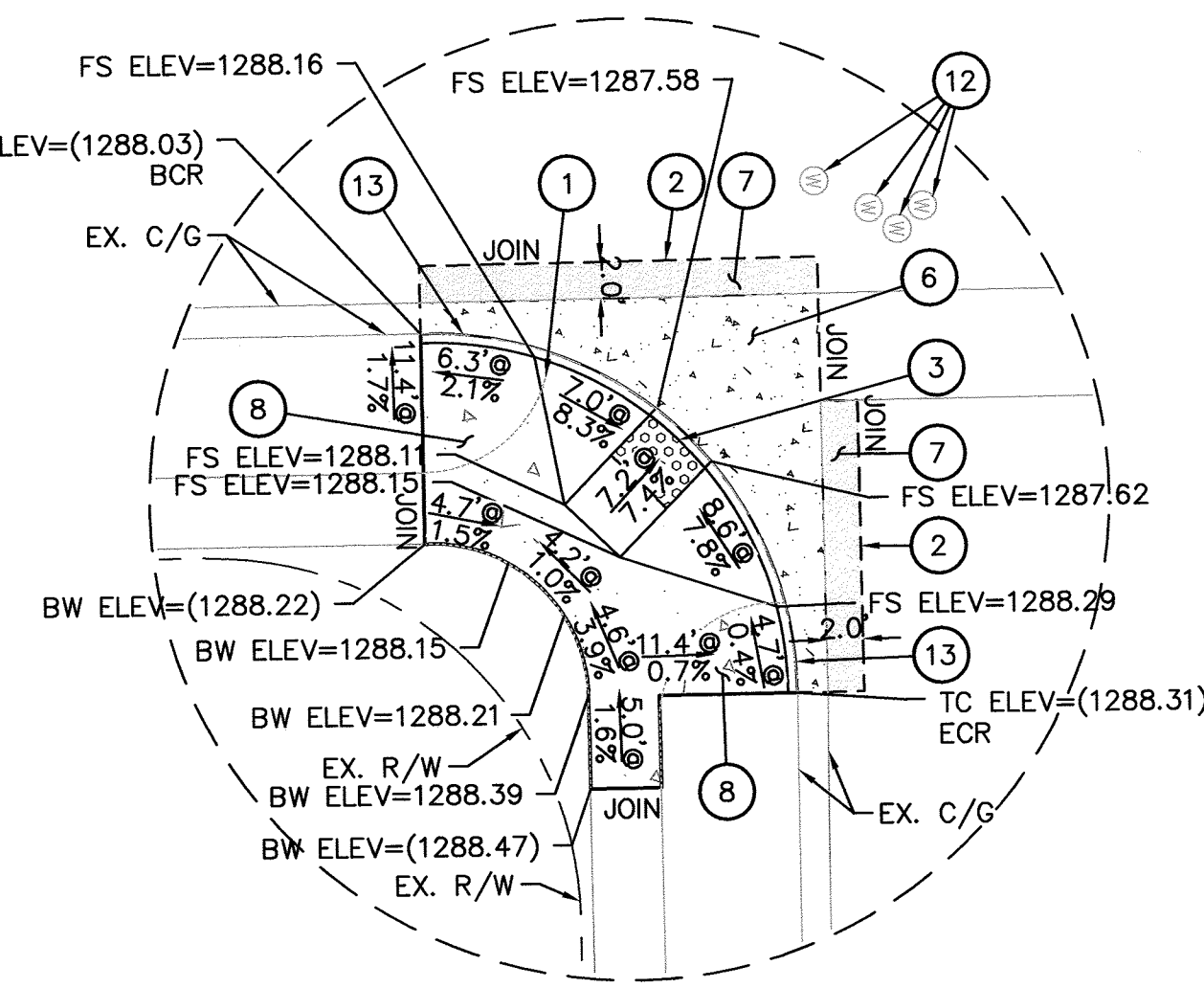
SIGNING AND STRIPING CONSTRUCTION NOTES

- APPLY 12" WHITE CROSSWALK/LIMIT LINE PER CALTRANS STANDARD PLAN A24E/A24F. SEE DETAIL "D" ON SHEET 2



DETAIL "1"

SCALE 1" = 10'



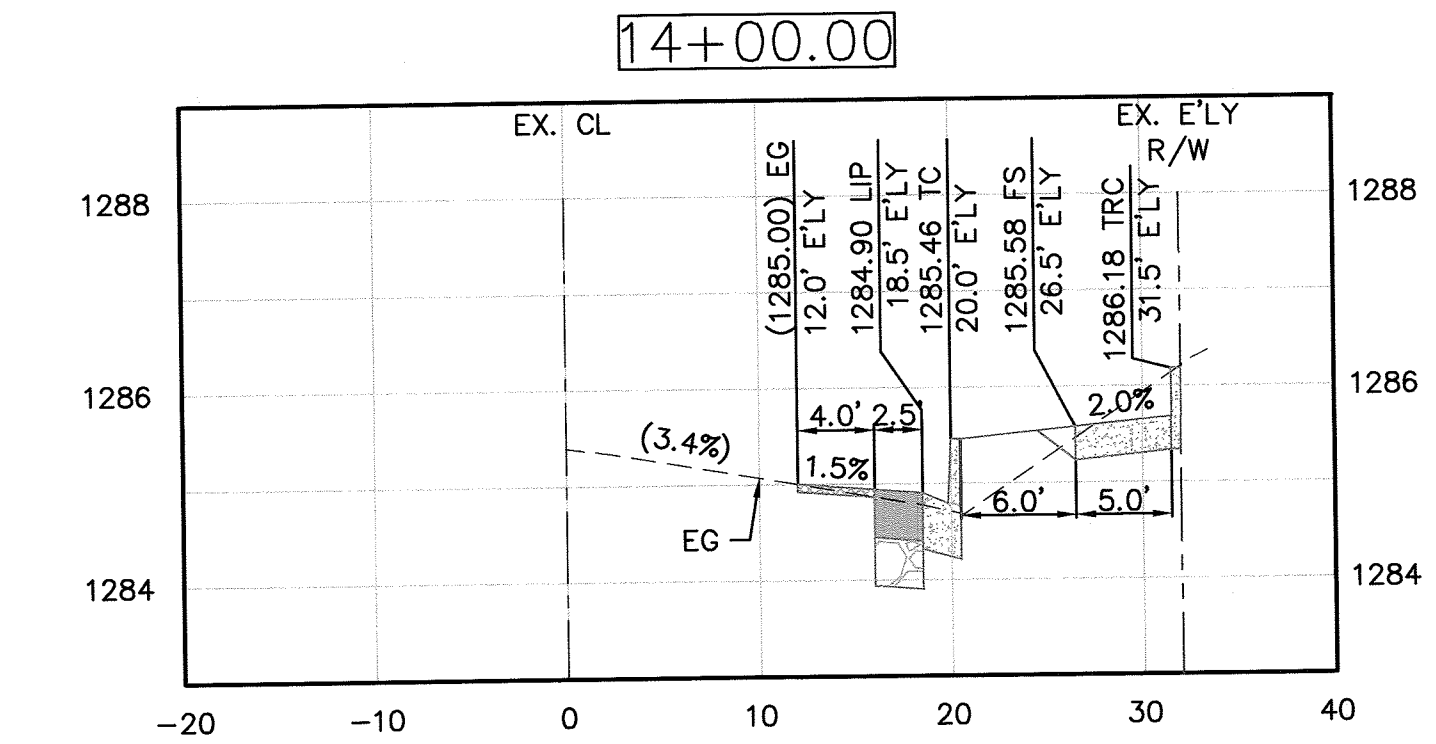
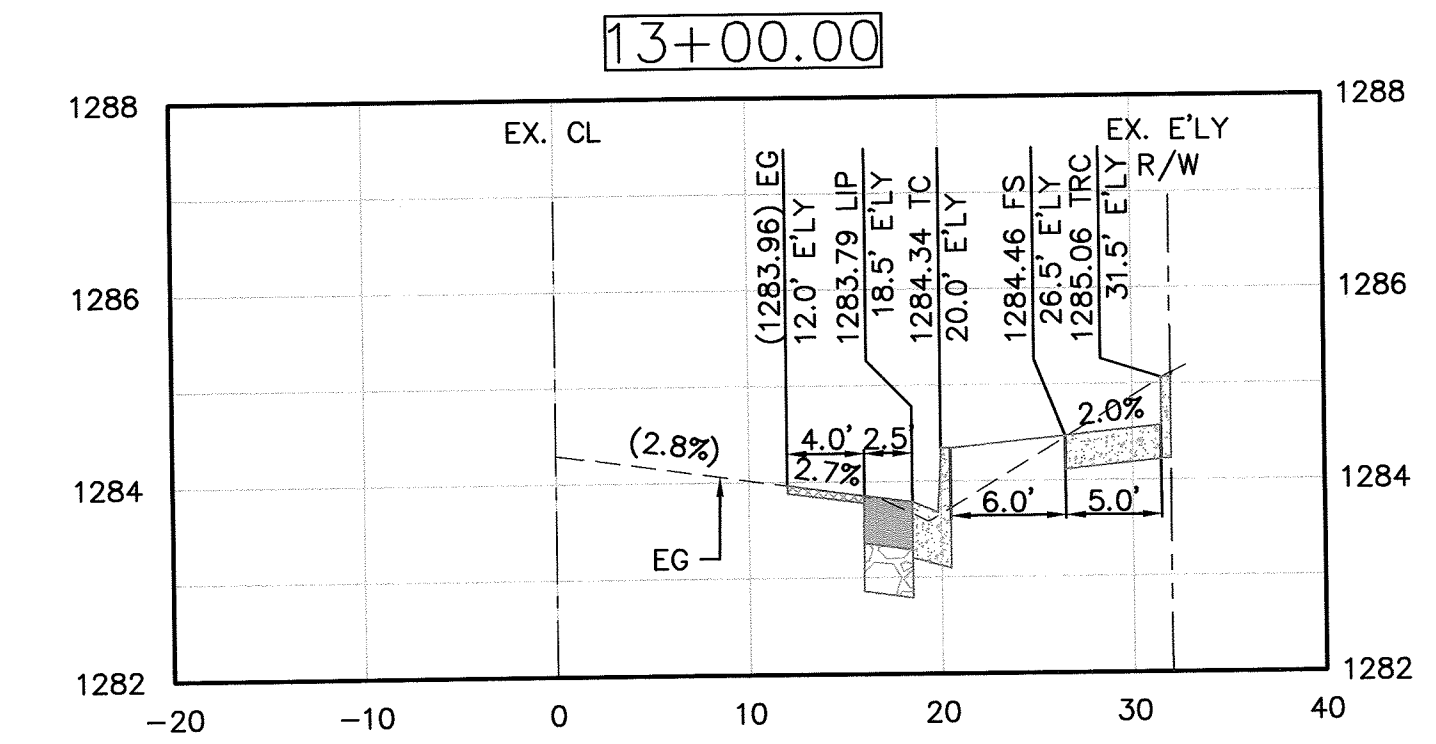
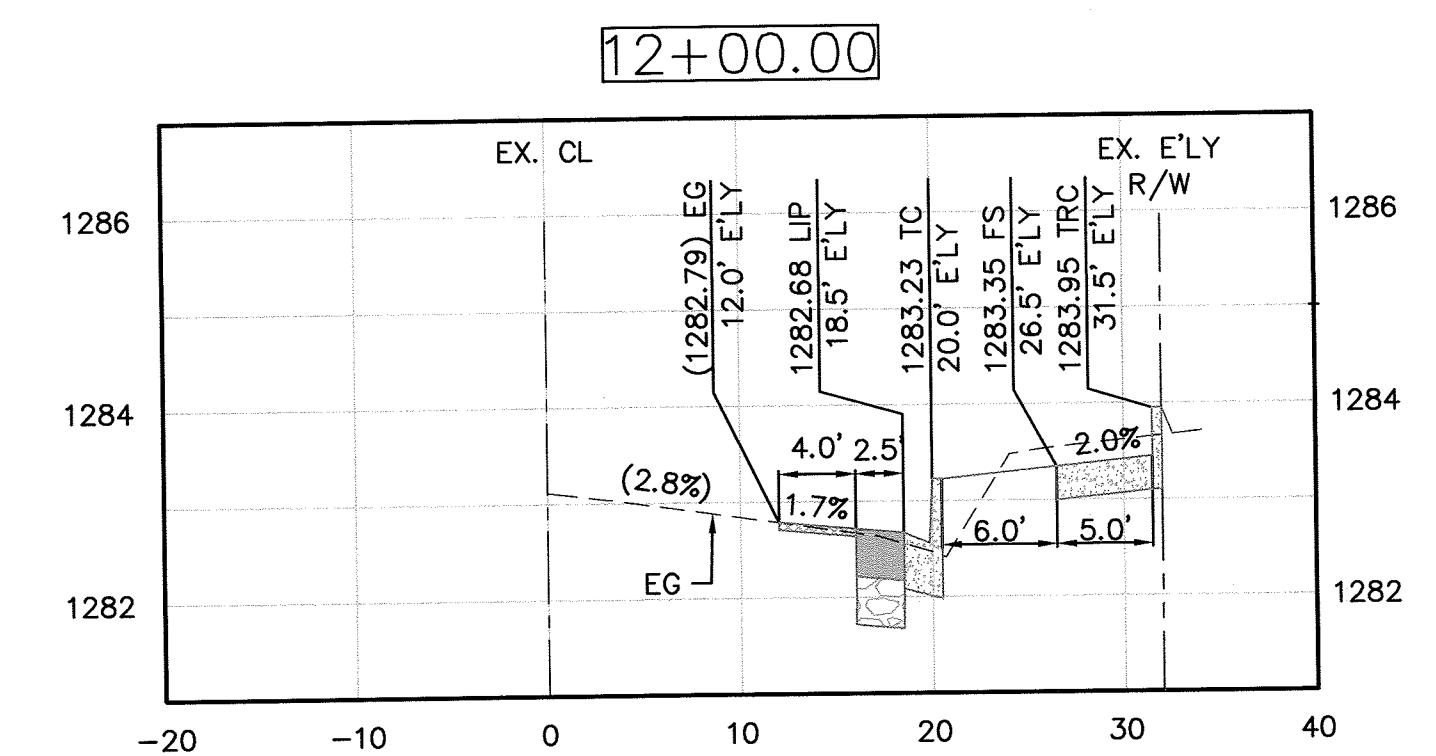
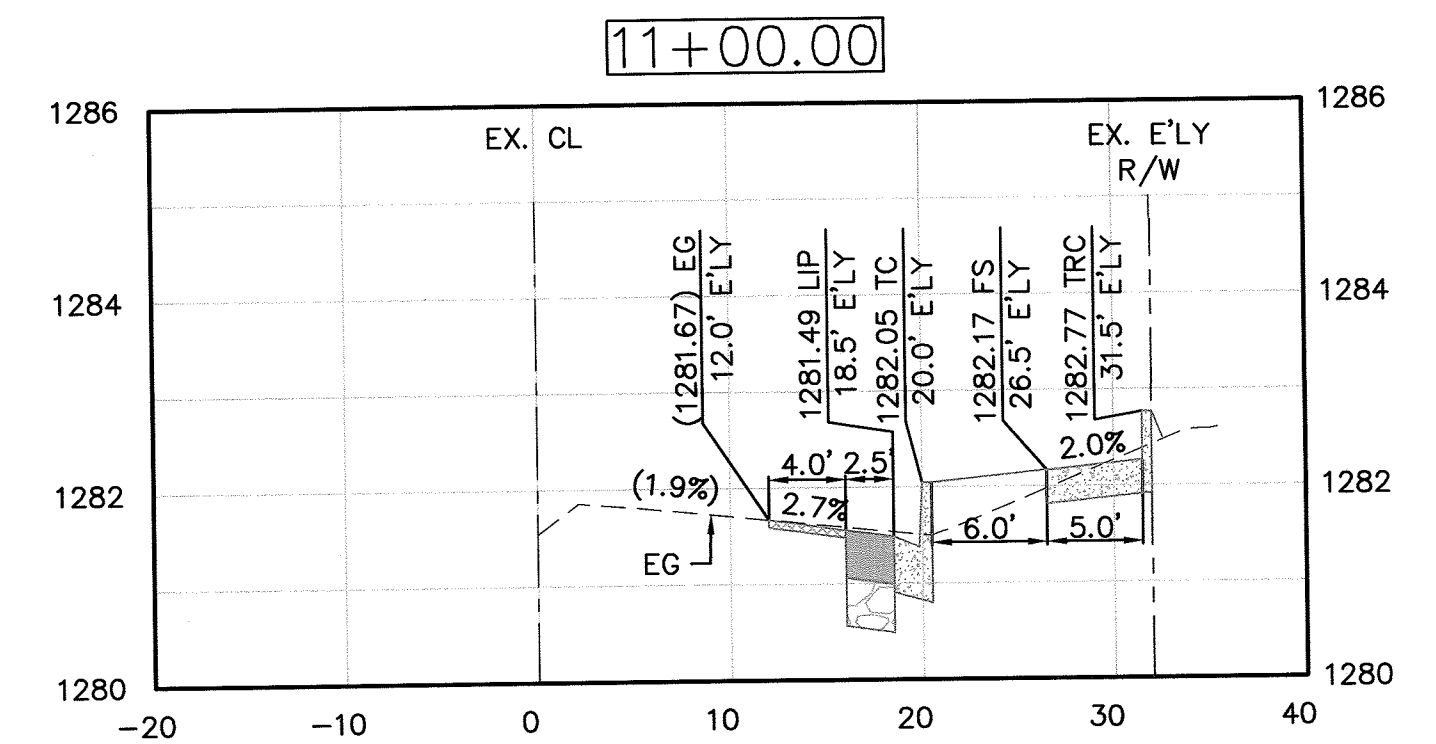
DETAIL "2"

SCALE 1" = 10'

CROSS SECTIONS

HORIZONTAL SCALE
1" = 20'

VERTICAL SCALE
1" = 5'



LEGEND:

- PROPOSED GRIND AND OVERLAY
- CONSTRUCT P.C.C. PAVEMENT
- FULL DEPTH A.C. PAVEMENT

NOTES

HORIZONTAL AND VERTICAL LOCATIONS TO BE VERIFIED IN THE FIELD AND ENGINEER NOTIFIED OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.

UNDERGROUND SERVICE ALERT (USA)

IT'S THE LAW!
DIAL BEFORE
YOU DIG!



CALL AT LEAST
TWO WORKING DAYS
BEFORE YOU DIG

MARK	REVISIONS	APPR.	DATE

DESIGNED BY: _____ DRAWN BY: _____ CHECKED BY: _____ MG

SEAL-DESIGN ENGINEER



PREPARED UNDER THE SUPERVISION OF:

MING GUAN, RCE 75793
RECOMMENDED FOR APPROVAL BY:
APPROVED BY:
HECTOR GONZALEZ, PRINCIPAL CIVIL ENGINEER, RCE 79797

7/24/19
DATE

7/25/2019
DATE

7/25/19
DATE



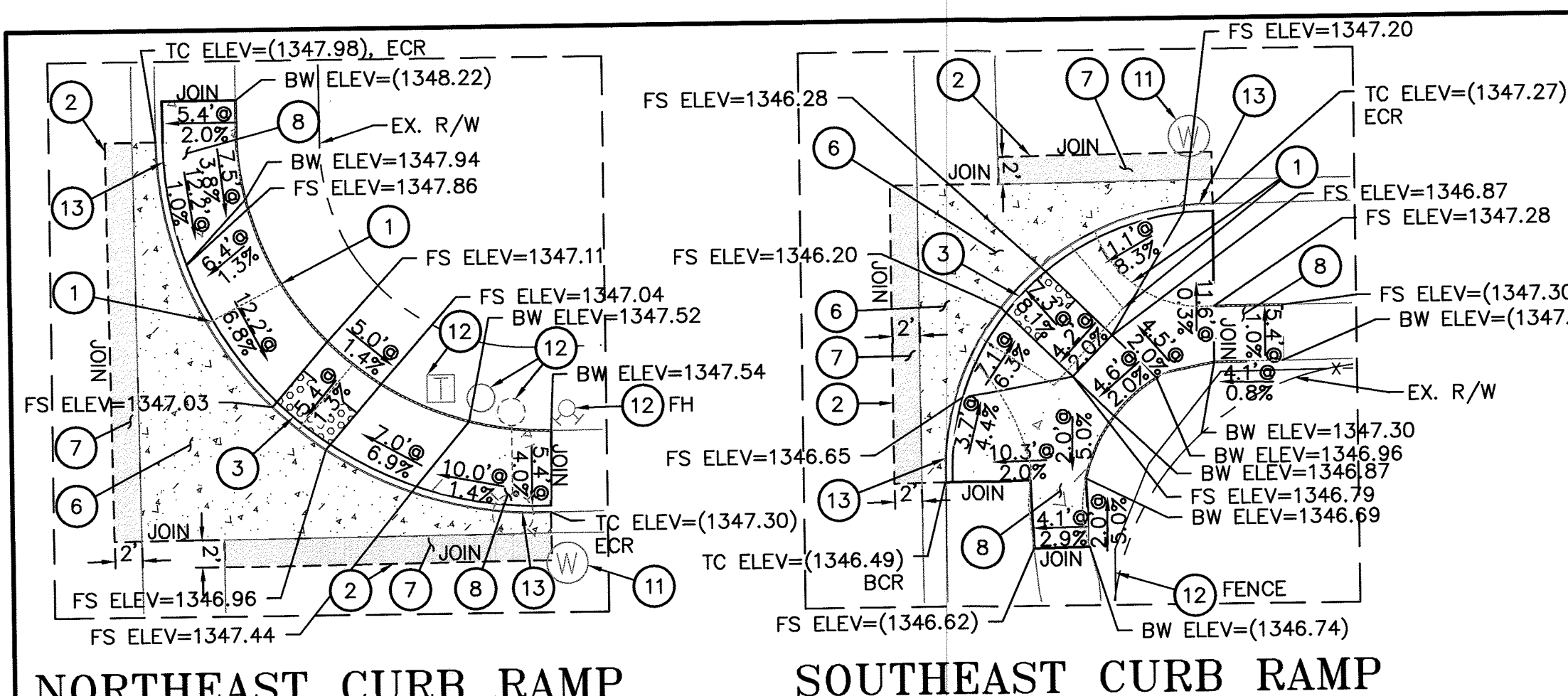
3190 C SHELBY STREET
ONTARIO, CALIFORNIA 91764
Tel: (909) 890-9693 Fax: (909) 890-9694

CITY OF RIALTO
ETIWANDA CORRIDOR IMPROVEMENT PROJECT
SPRUCE AVE
STREET IMPROVEMENT

FOR: CITY OF RIALTO

PLAN NO. T-642

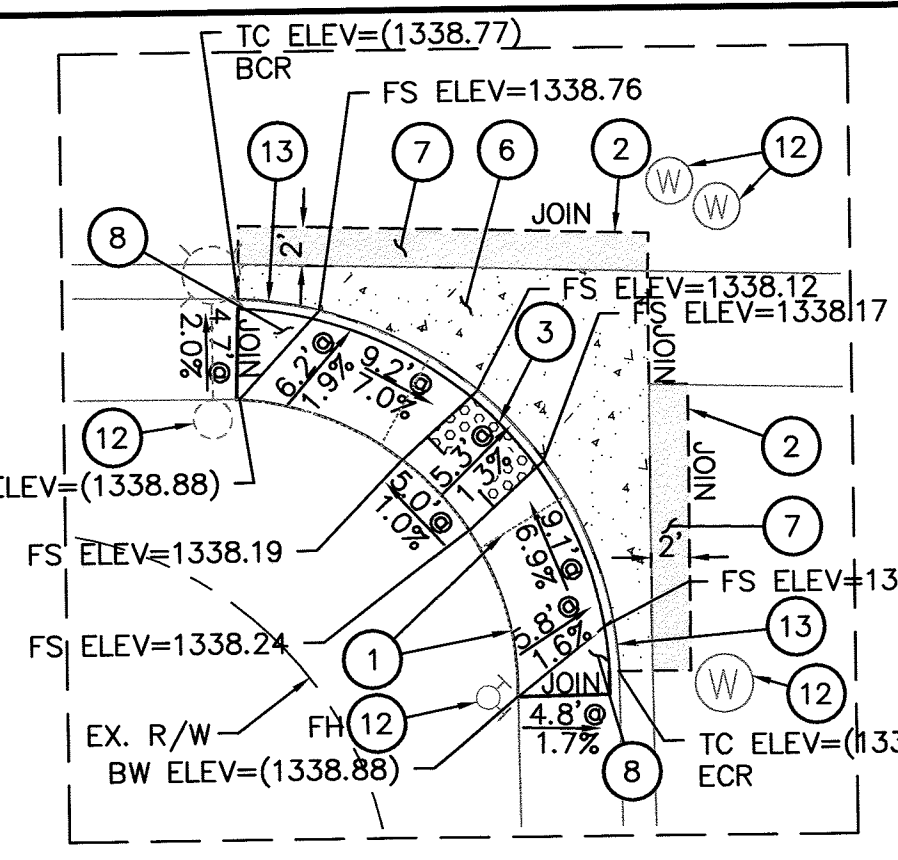
27
OF 34 SHEETS



NORTHEAST CURB RAMP **SOUTHEAST CURB RAMP**

ETIWANDA AVE AT MAPLE AVE

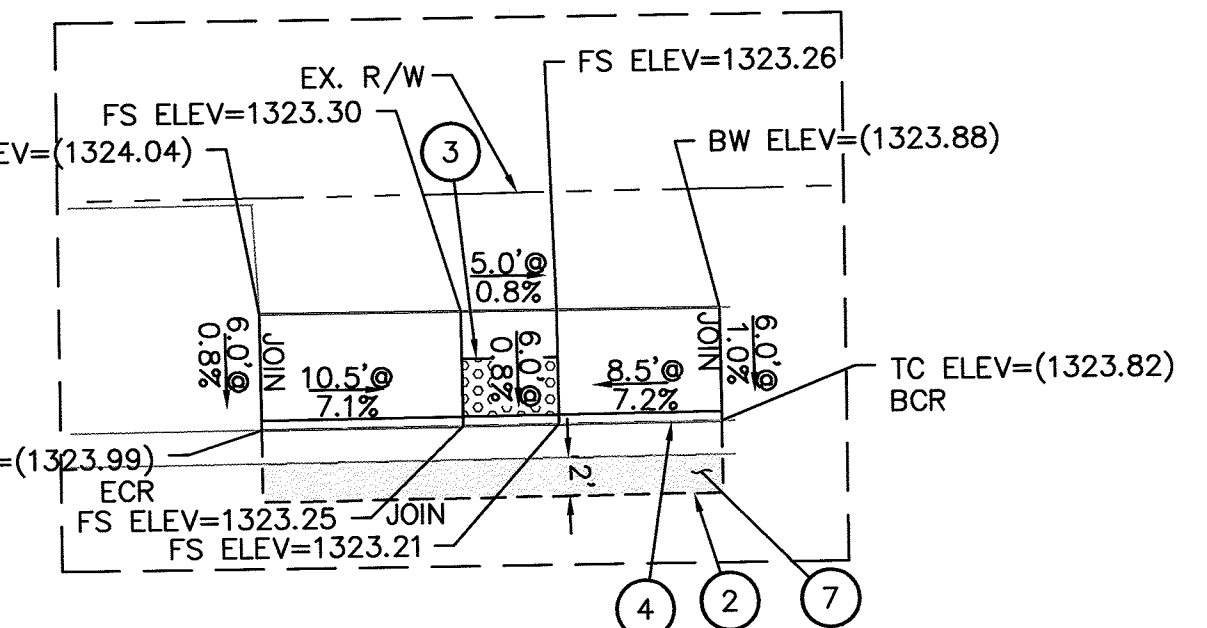
SCALE 1" = 10'



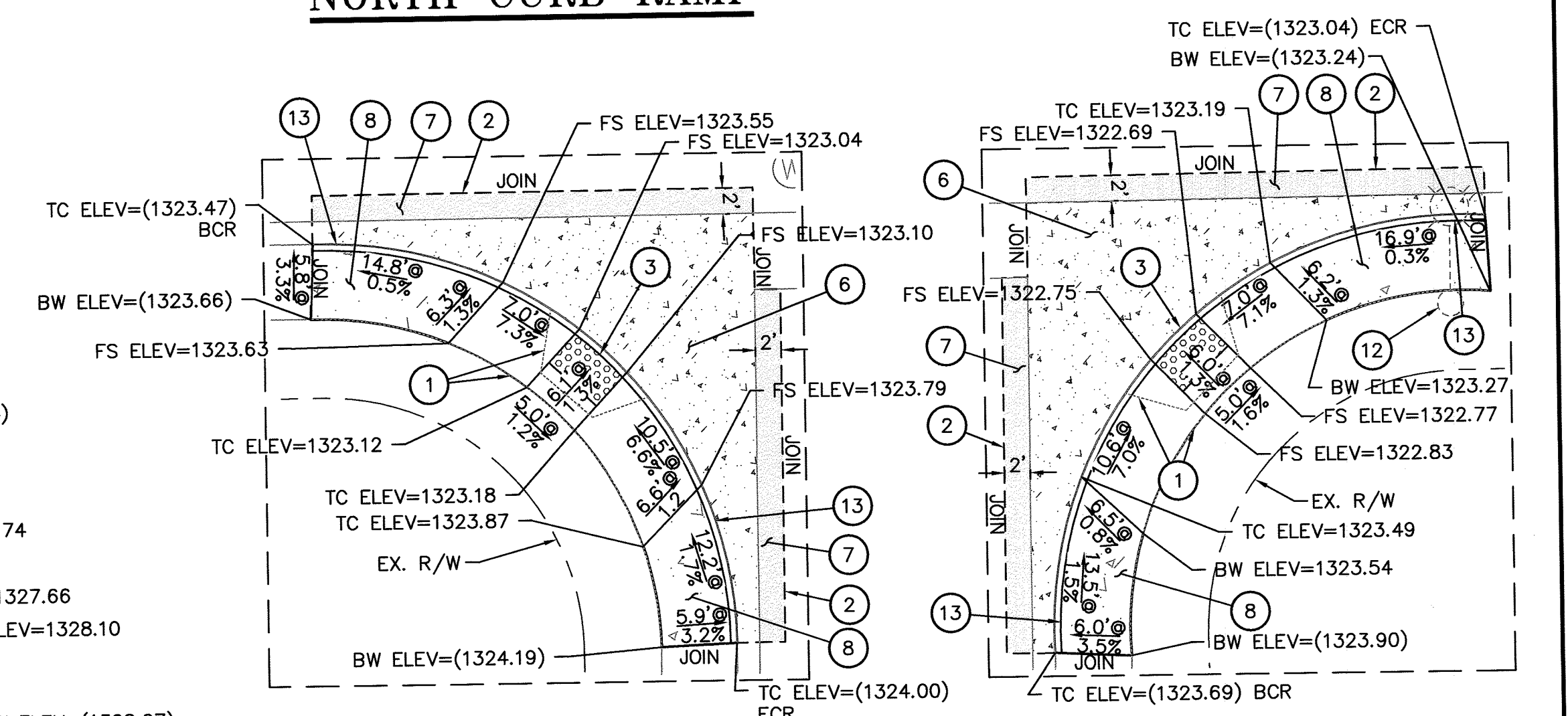
SOUTHWEST CURB RAMP **SOUTHEAST CURB RAMP**

ETIWANDA AVE AT ASPEN AVE

SCALE 1" = 10'



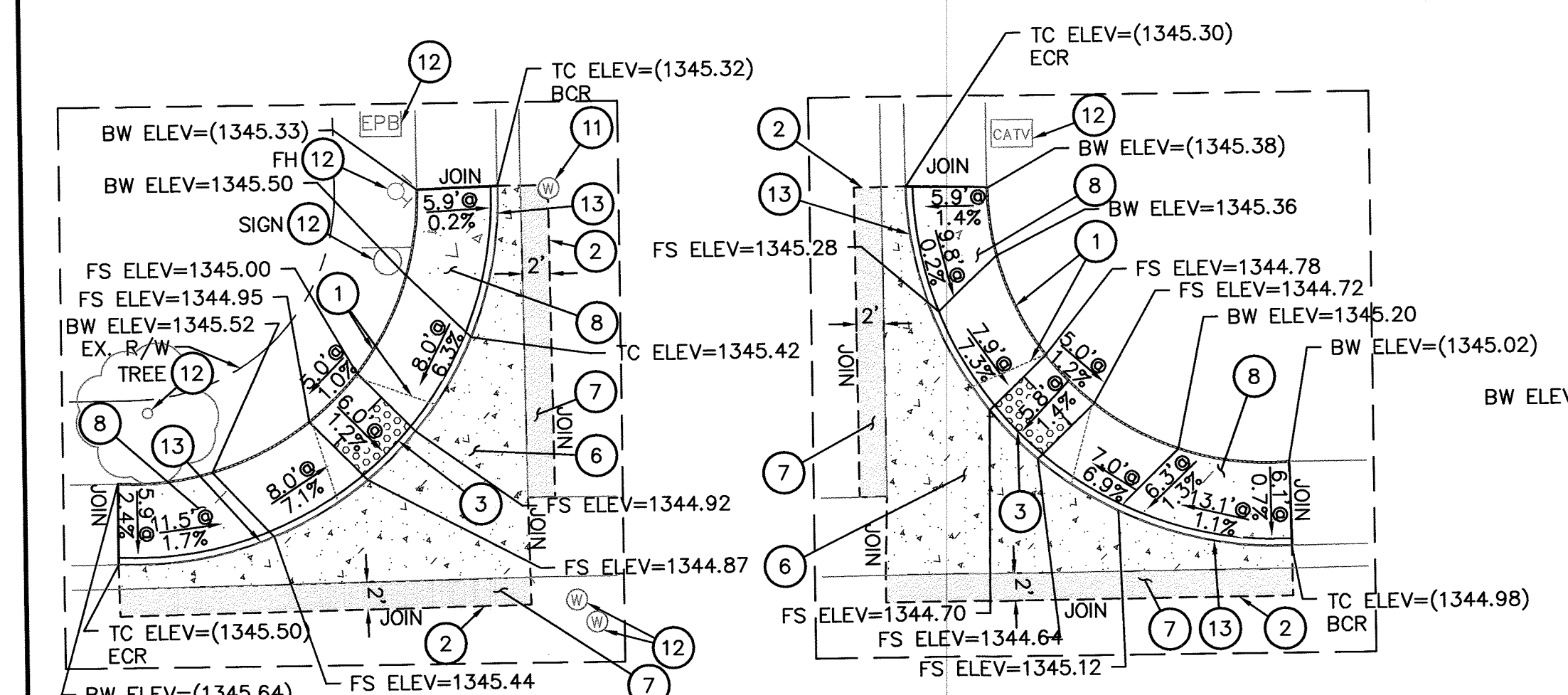
NORTH CURB RAMP



SOUTHWEST CURB RAMP **SOUTHEAST CURB RAMP**

ETIWANDA AVE AT GLENNWOOD AVE

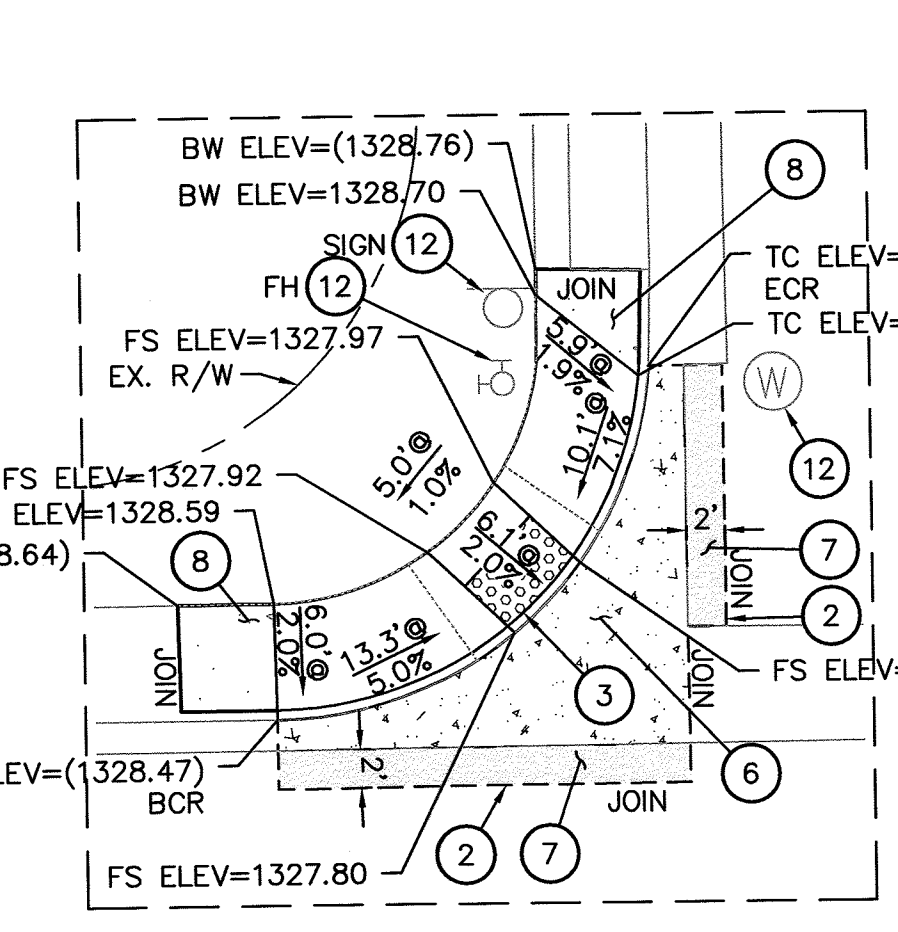
SCALE 1" = 10'



NORTHWEST CURB RAMP **NORTHEAST CURB RAMP**

ETIWANDA AVE AT FOREST AVE

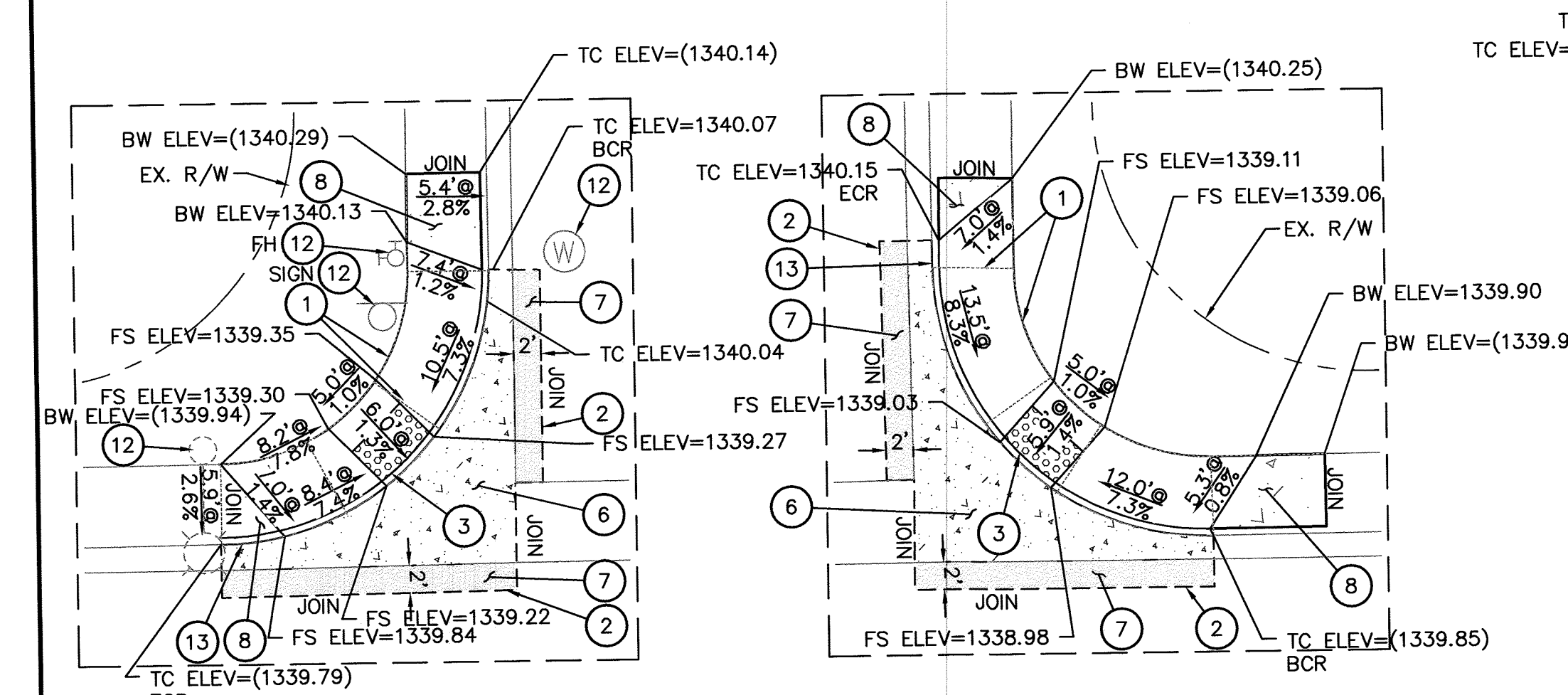
SCALE 1" = 10'



NORTHWEST CURB RAMP **NORTHEAST CURB RAMP**

ETIWANDA AVE AT DRIFTWOOD AVE

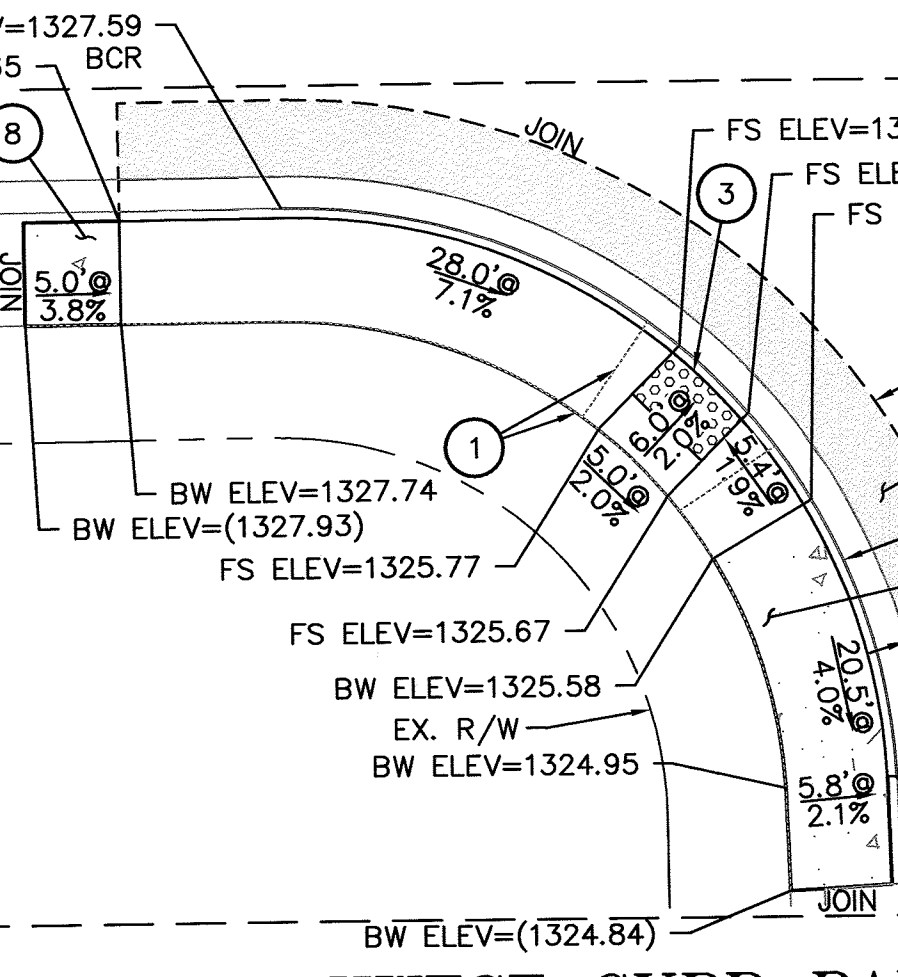
SCALE 1" = 10'



NORTHWEST CURB RAMP **NORTHEAST CURB RAMP**

ETIWANDA AVE AT SMOKE TREE AVE

SCALE 1" = 10'



SOUTHWEST CURB RAMP **SOUTHEAST CURB RAMP**

ETIWANDA AVE AT LARCH AVE

SCALE 1" = 10'

ROADWAY CONSTRUCTION NOTES

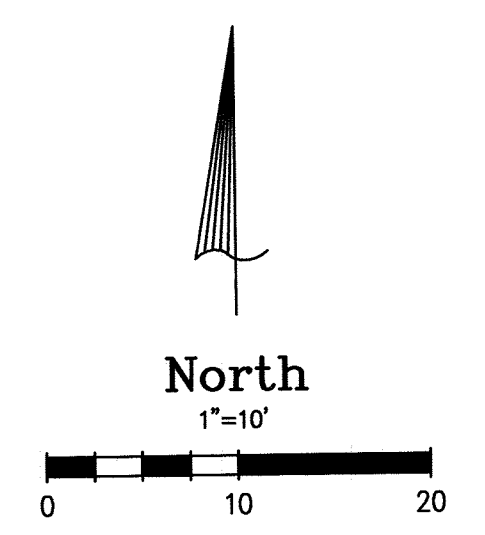
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- 13 CONSTRUCT 8" CURB INTEGRAL WITH SPANDREL

NOTES

HORIZONTAL AND VERTICAL LOCATIONS TO BE VERIFIED IN THE FIELD AND ENGINEER NOTIFIED OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.

LEGEND:

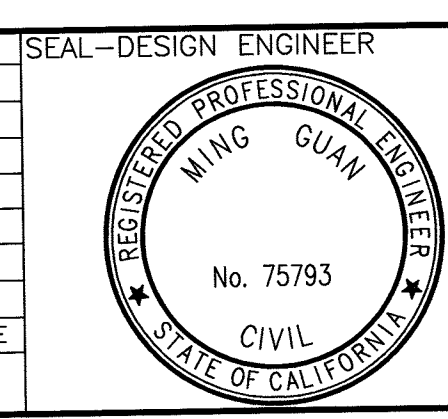
- CONSTRUCT P.C.C. PAVEMENT
- FULL DEPTH A.C. PAVEMENT



UNDERGROUND SERVICE ALERT (USA)



MARK	REVISIONS	APPR.	DATE
DESIGNED BY: _____	DRAWN BY: _____	CHECKED BY: _____	MG

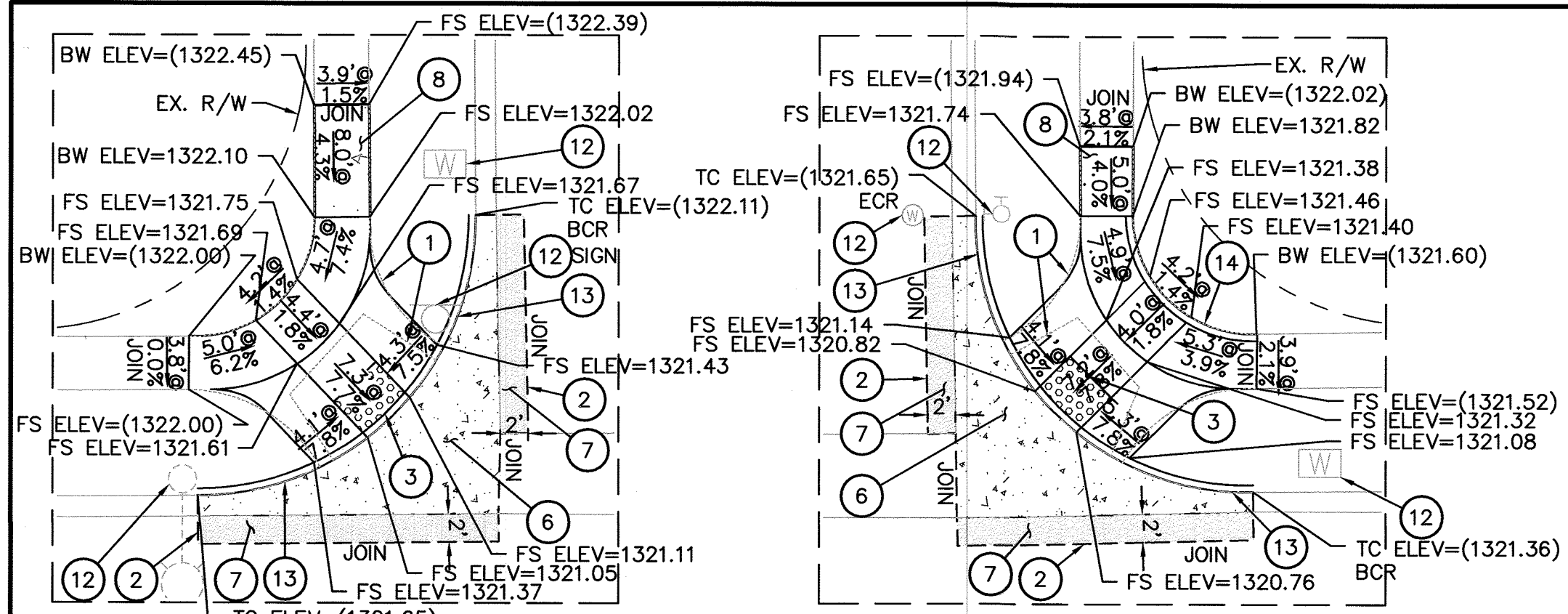


PREPARED UNDER THE SUPERVISION OF:
MING GUAN, RCE 75793
RECOMMENDED FOR APPROVAL BY:
AZZAM JABSEH, RCE 61198
APPROVED BY:
HECTOR GONZALEZ, PRINCIPAL CIVIL ENGINEER, RCE 79797

7/24/19 DATE
7/25/19 DATE
7/29/19 DATE

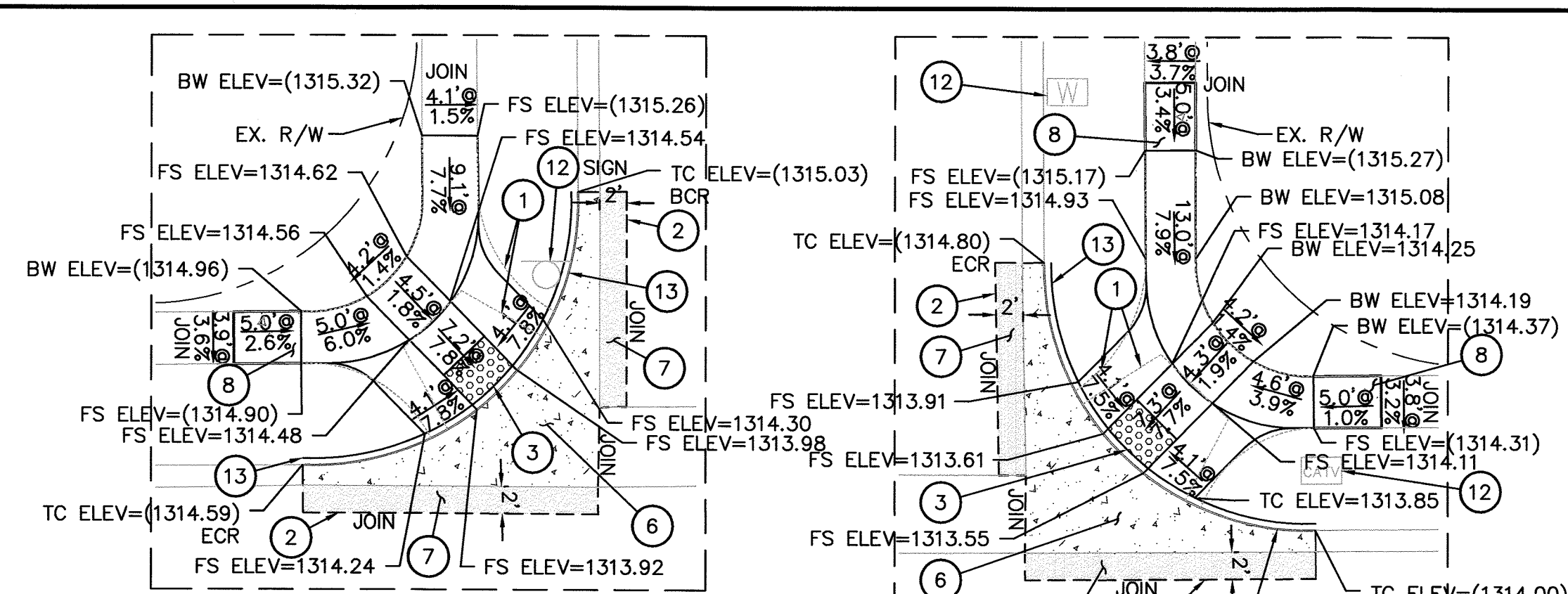


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ONTARIO, CALIFORNIA 91764
Tel: (909) 890-9693 Fax: (909) 890-9694



NORTHWEST CURB RAMP

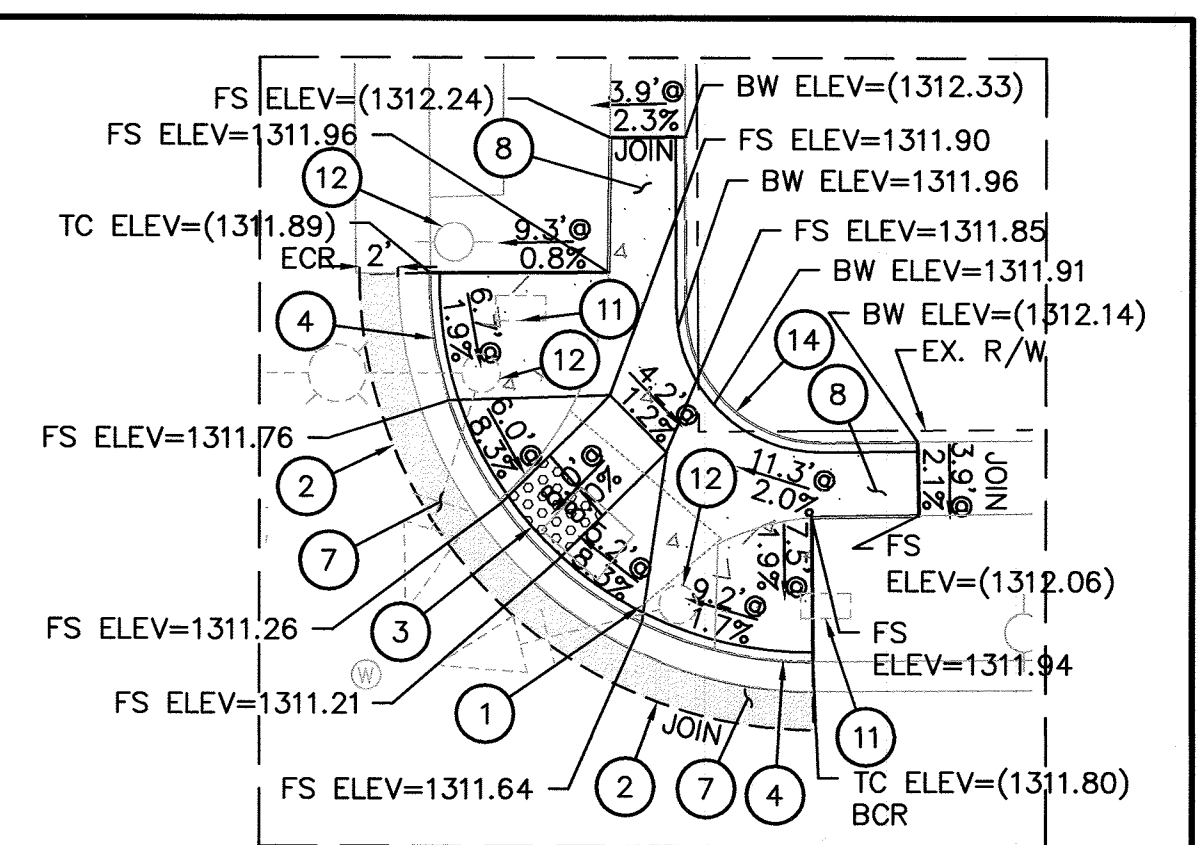
NORTHEAST CURB RAMP



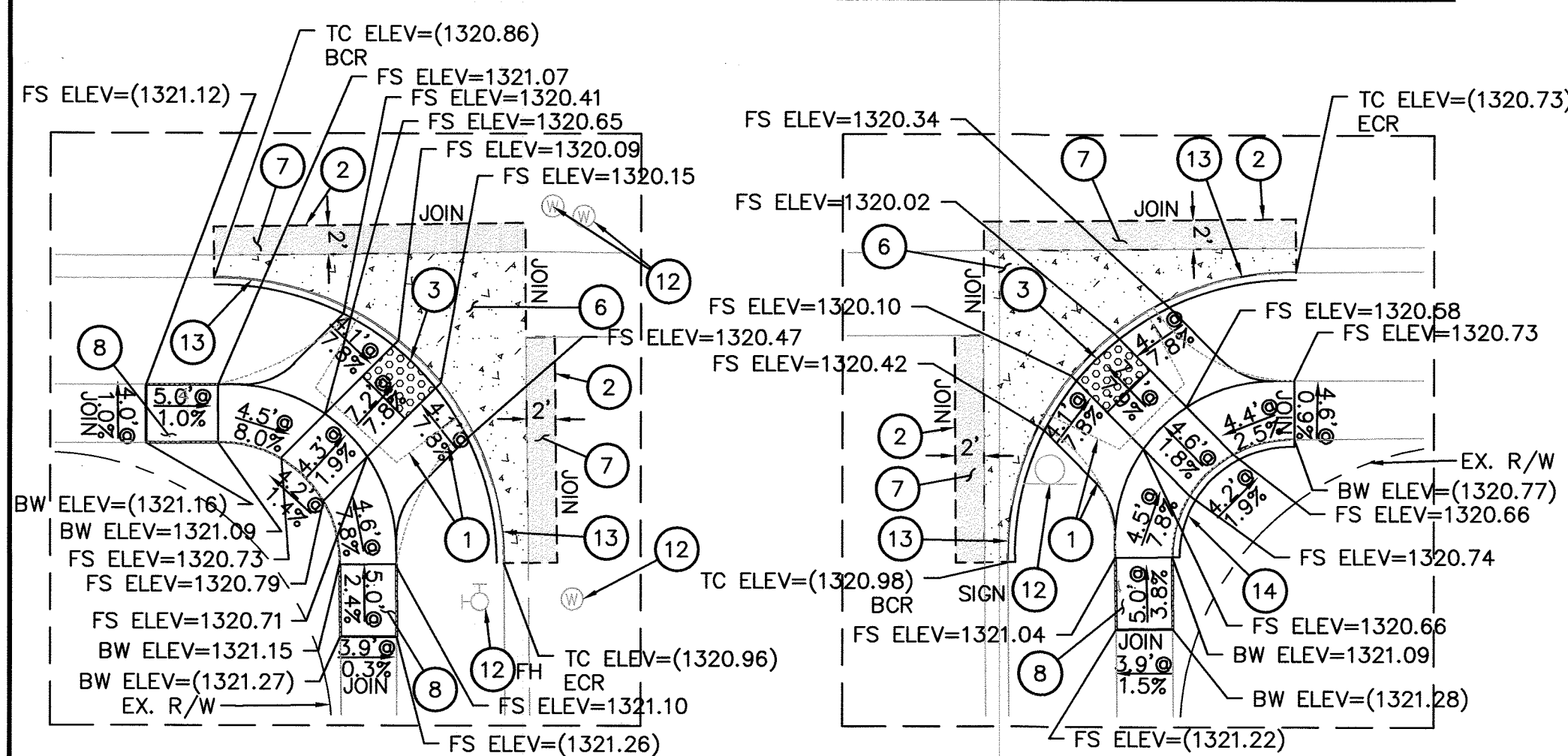
NORTHWEST CURB RAMP

NORTHEAST CURB RAMP

XXX.XX = PROPOSED
(XXX.XX) = EXISTING

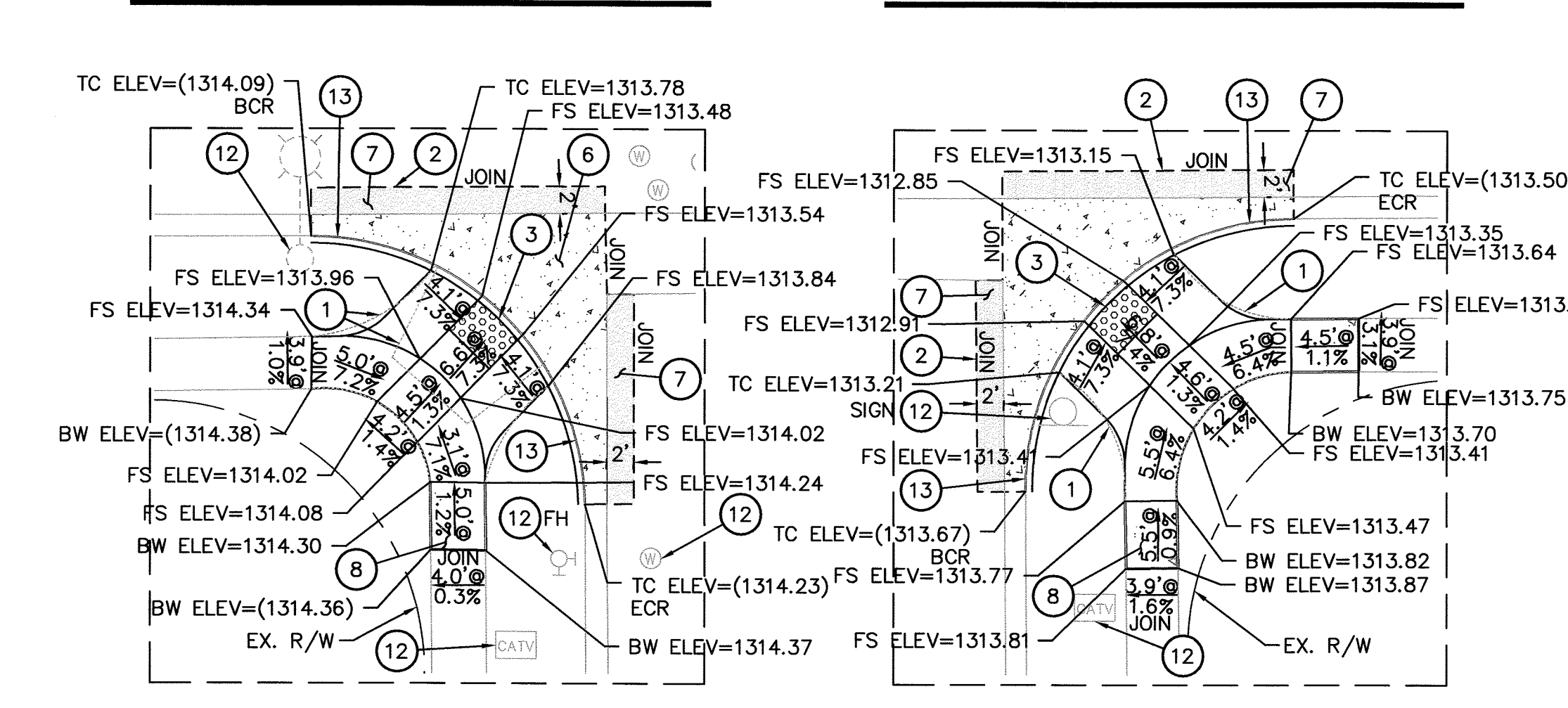


NORTHEAST CURB RAMP



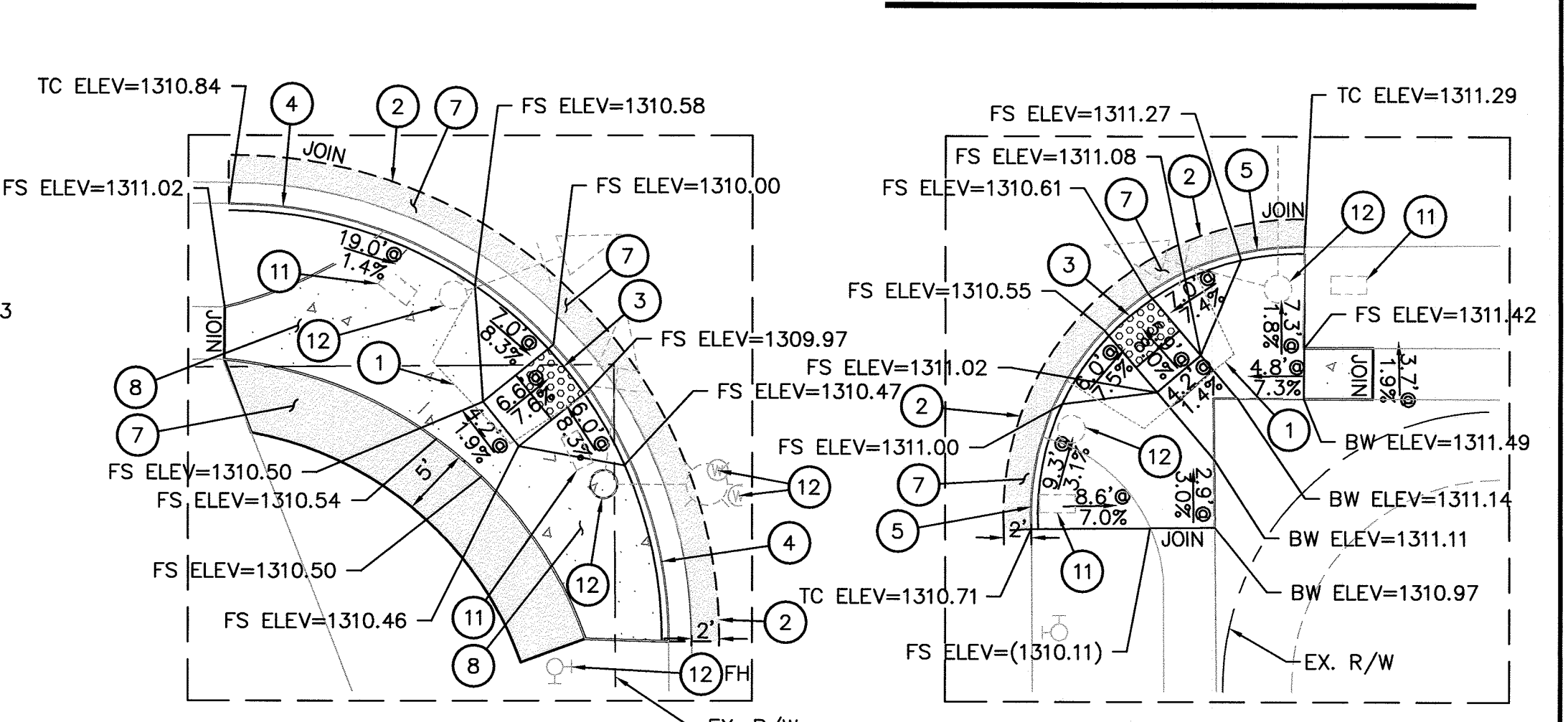
SOUTHWEST CURB RAMP

SOUTHEAST CURB RAMP



SOUTHWEST CURB RAMP

SOUTHEAST CURB RAMP



SOUTHWEST CURB RAMP

SOUTHEAST CURB RAMP

ETIWANDA AVE AT TEAKWOOD AVE

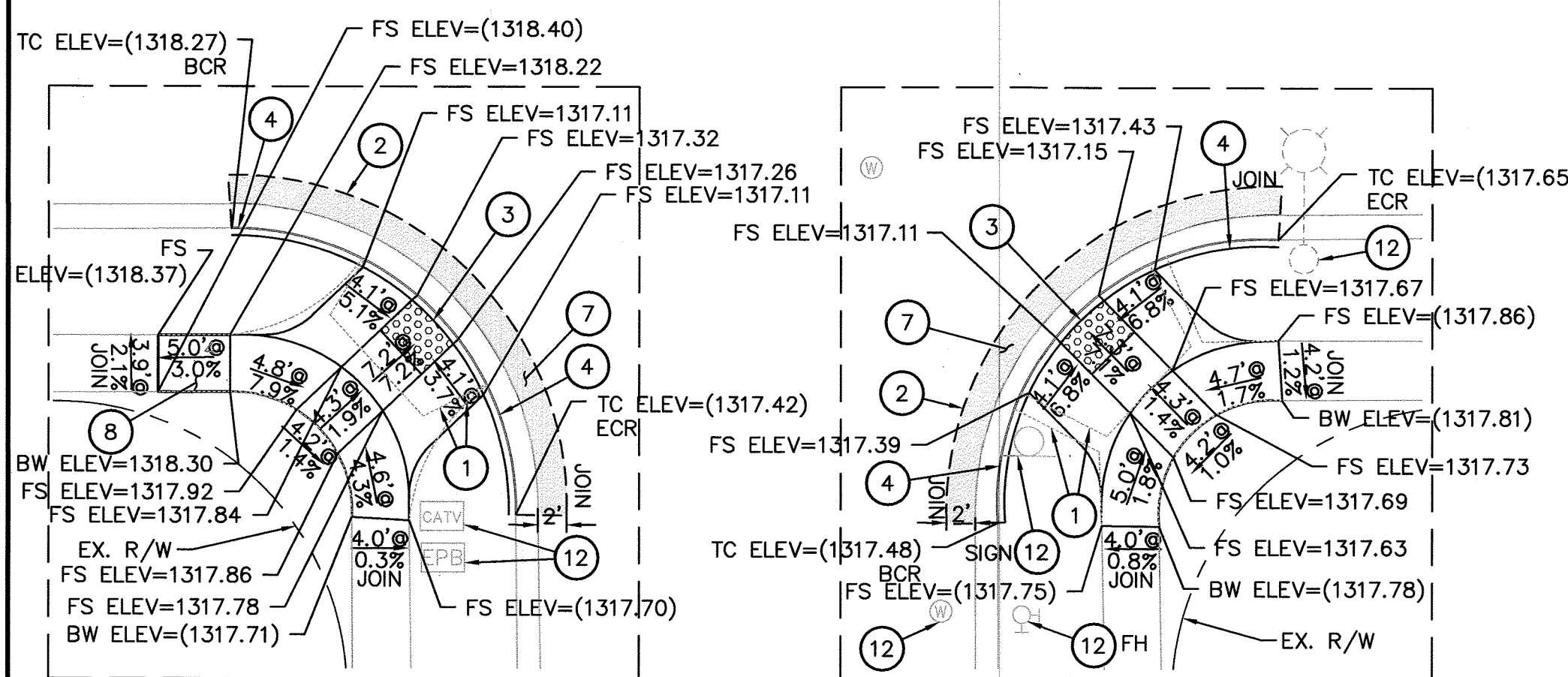
SCALE 1" = 10'

ETIWANDA AVE AT LDYLLWILD AVE

SCALE 1" = 10'

ETIWANDA AVE AT CACTUS AVE

SCALE 1" = 10'



SOUTHWEST CURB RAMP

SOUTHEAST CURB RAMP

ETIWANDA AVE AT SPRUCE AVE

SCALE 1" = 10'

NOTES

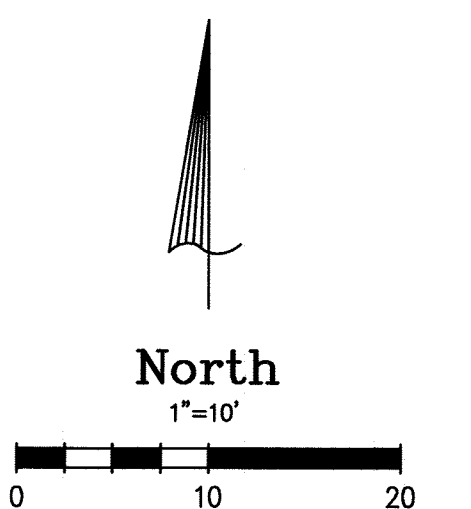
HORIZONTAL AND VERTICAL LOCATIONS TO BE VERIFIED IN THE FIELD AND ENGINEER NOTIFIED OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.

LEGEND:

CONSTRUCT P.C.C. PAVEMENT
FULL DEPTH A.C. PAVEMENT

ROADWAY CONSTRUCTION NOTES

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- CONSTRUCT RETAINING CURB PER CITY STD. PLAN NO. 215, DETAIL "D".



UNDERGROUND SERVICE ALERT (USA)

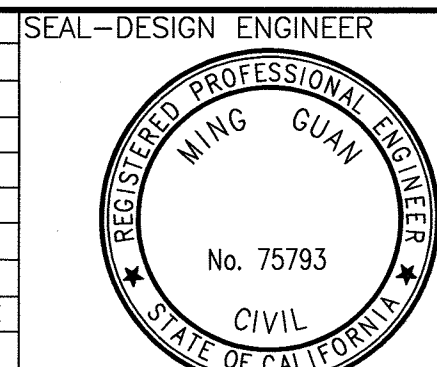
IT'S THE LAW!
DIAL BEFORE
YOU DIG!

CALL AT LEAST
TWO WORKING DAYS
BEFORE YOU DIG

811

Know what's below.
Call before you dig.

MARK	REVISIONS	APPR.	DATE
DESIGNED BY: _____	DRAWN BY: _____	CHECKED BY: _____	MG



PREPARED UNDER THE SUPERVISION OF:
MING GUAN, RCE 75793
DATE: 7/24/19

RECOMMENDED FOR APPROVAL BY:
AZZAM JABSEH, RCE 61198
DATE: 7/25/19

APPROVED BY:
HECTOR GONZALEZ, PRINCIPAL CIVIL ENGINEER, RCE 79797
DATE: 7/25/19

KOA
PLANNING | ENGINEERING |
CONSTRUCTION MANAGEMENT

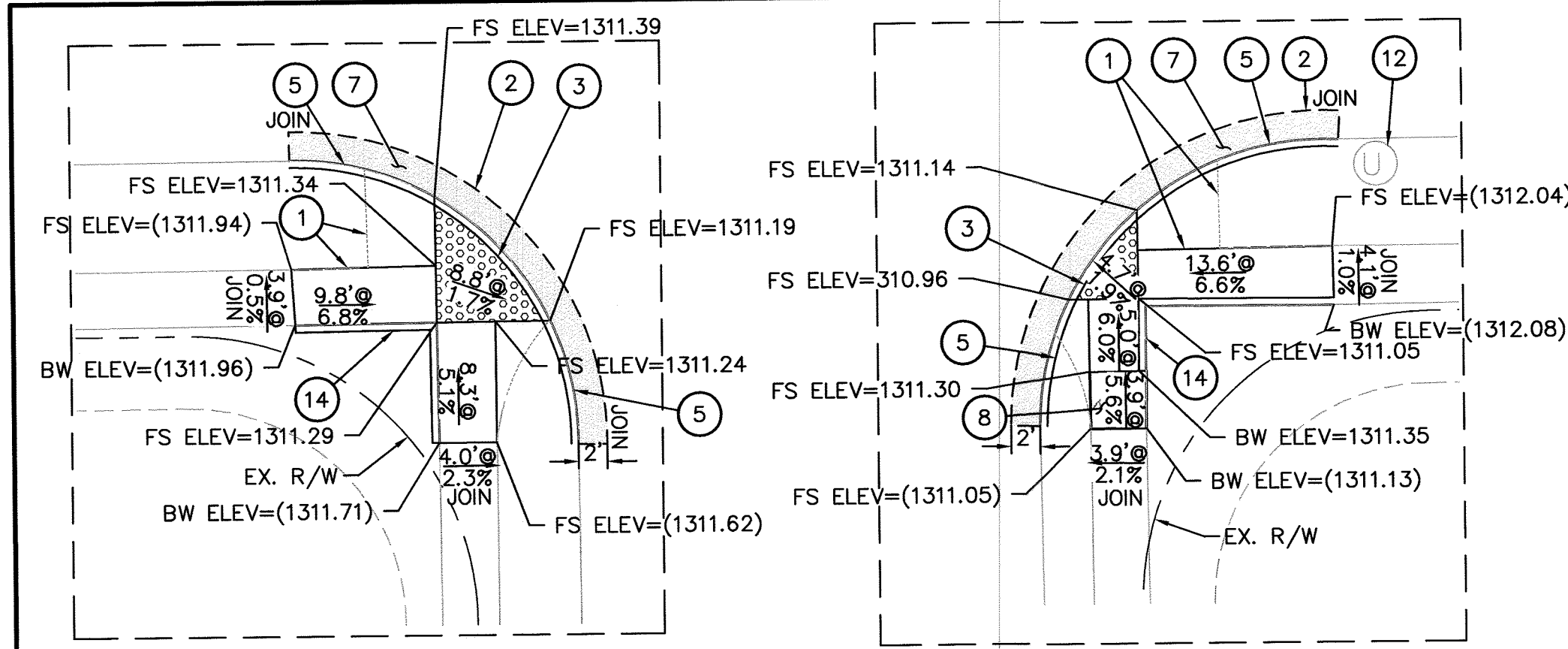
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CITY OF RIALTO
ETIWANDA CORRIDOR IMPROVEMENT PROJECT
CURB RAMP DETAILS

FOR: CITY OF RIALTO

PLAN NO. T-642

29
OF 34 SHEETS

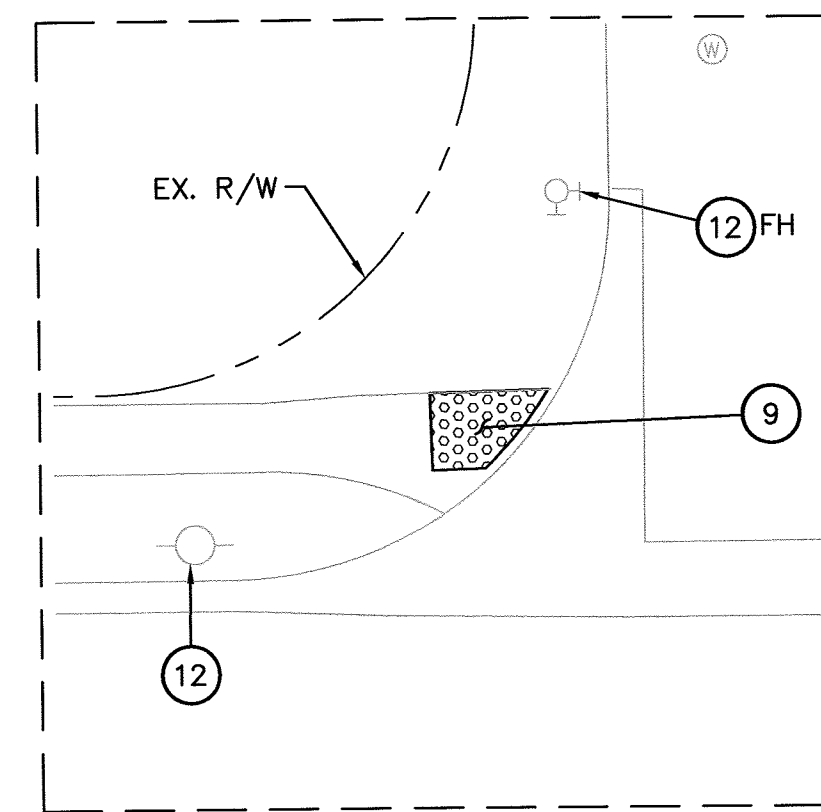


SOUTHWEST CURB RAMP

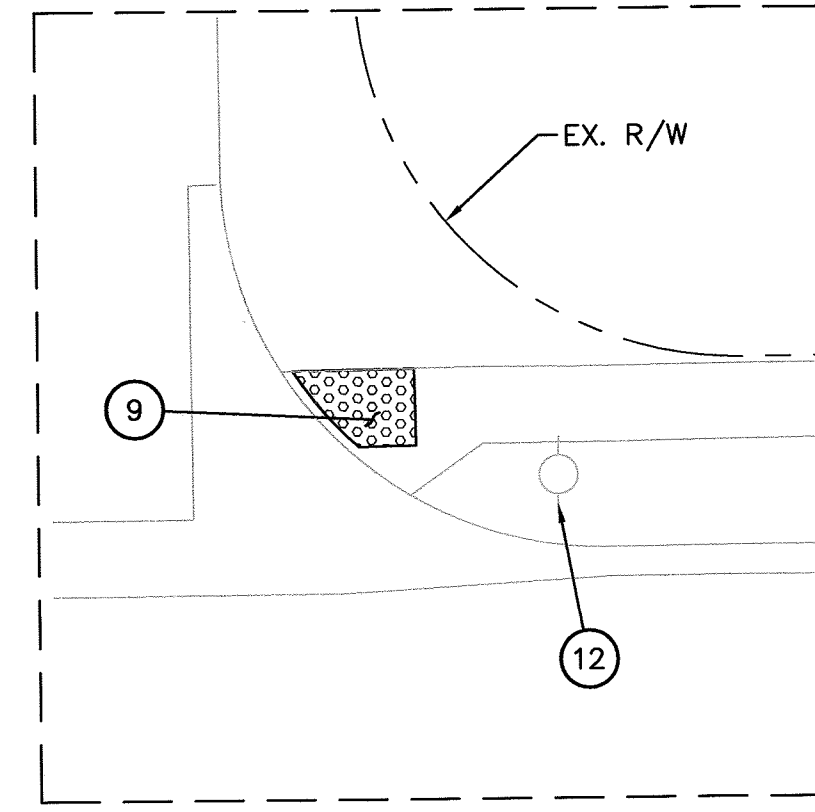
SOUTHEAST CURB RAMP

ETIWANDA AVE AT YUCCA AVE

SCALE 1" = 10'



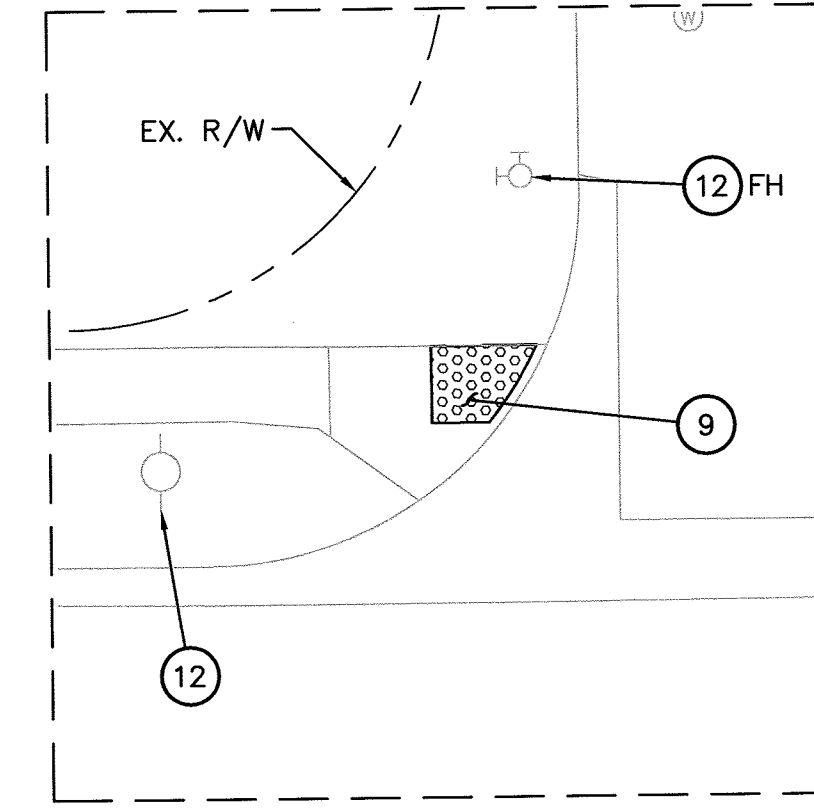
SOUTHWEST CURB RAMP



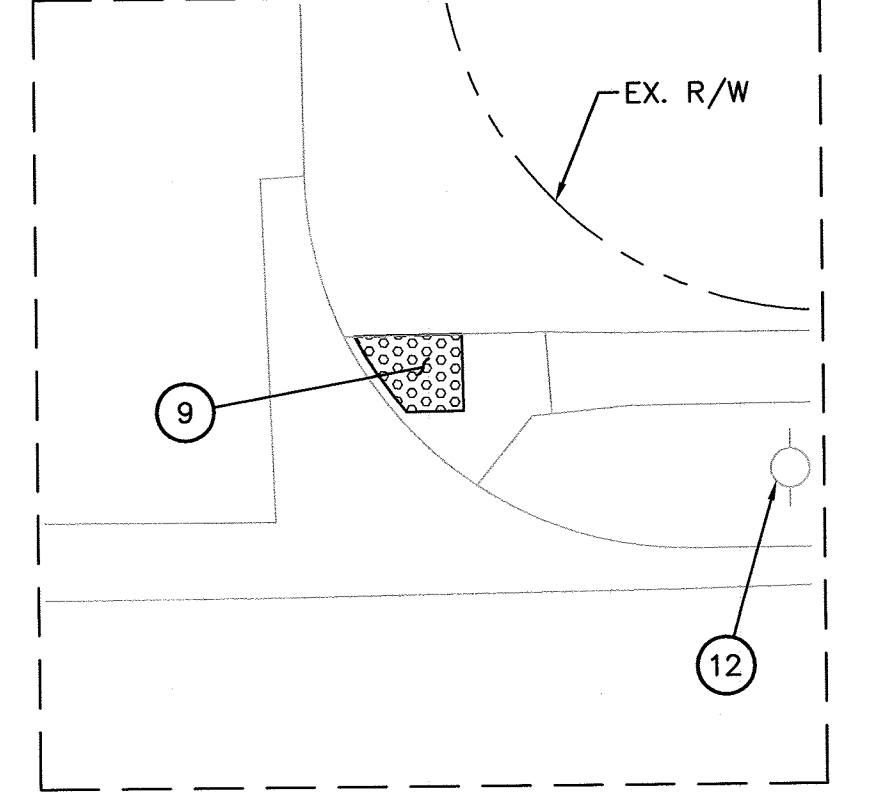
SOUTHEAST CURB RAMP

ETIWANDA AVE AT VERDE AVE

SCALE 1" = 10'



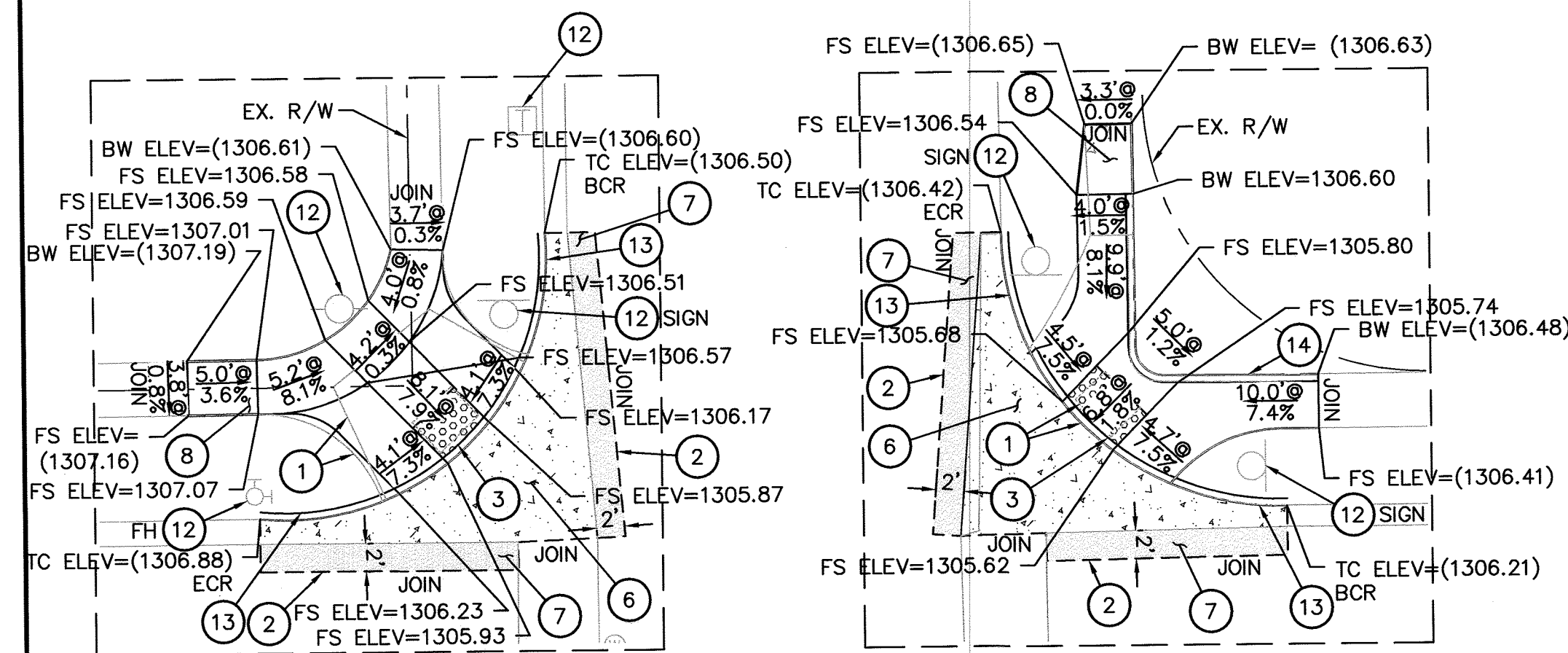
SOUTHWEST CURB RAMP



SOUTHEAST CURB RAMP

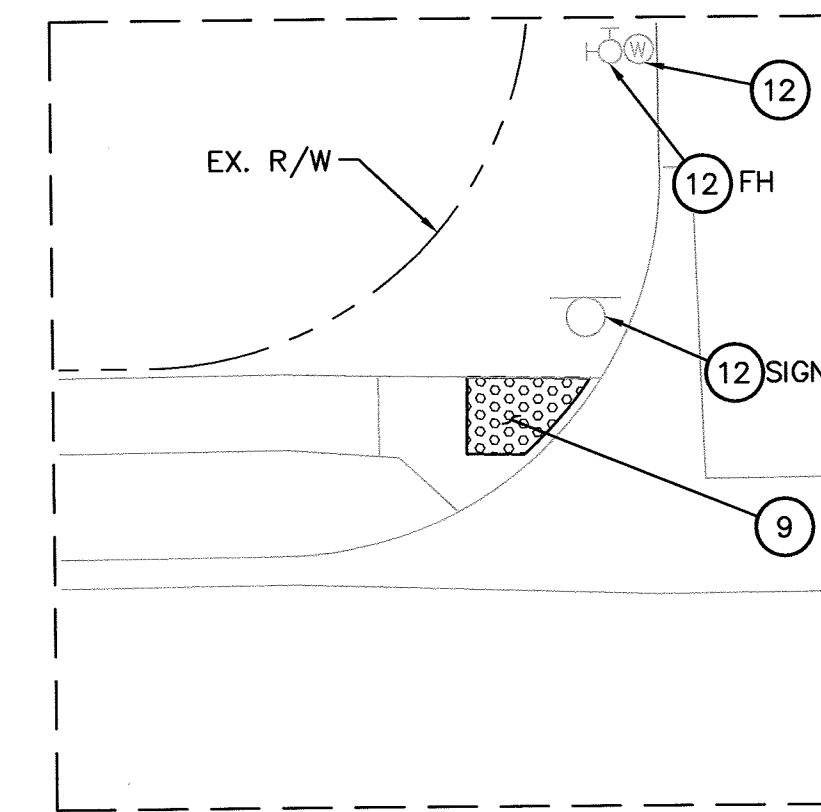
ETIWANDA AVE AT CLIFFORD AVE

SCALE 1" = 10'

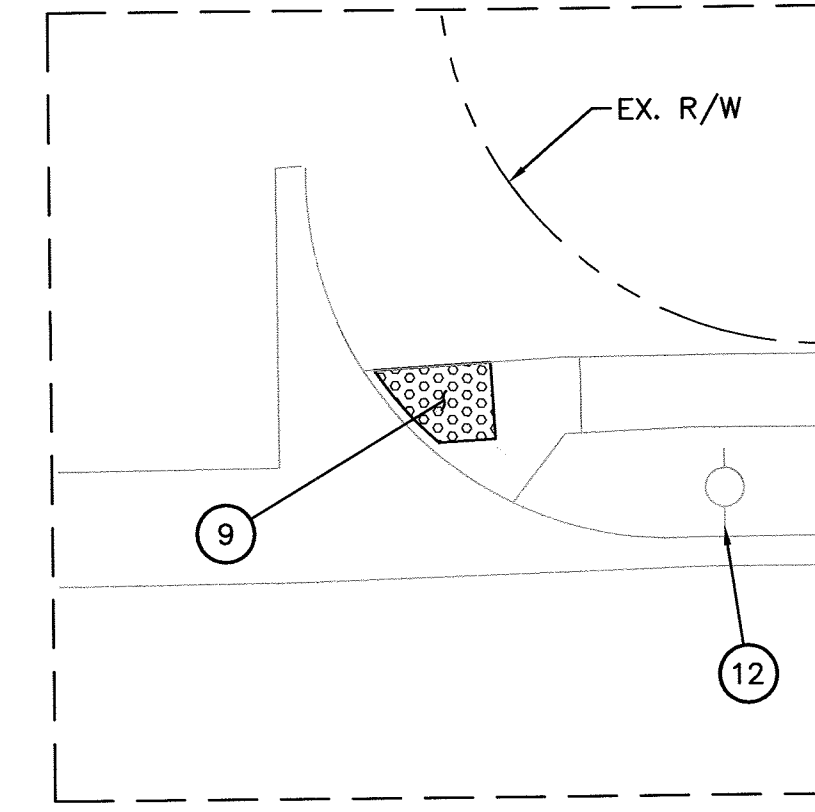


NORTHWEST CURB RAMP

NORTHEAST CURB RAMP



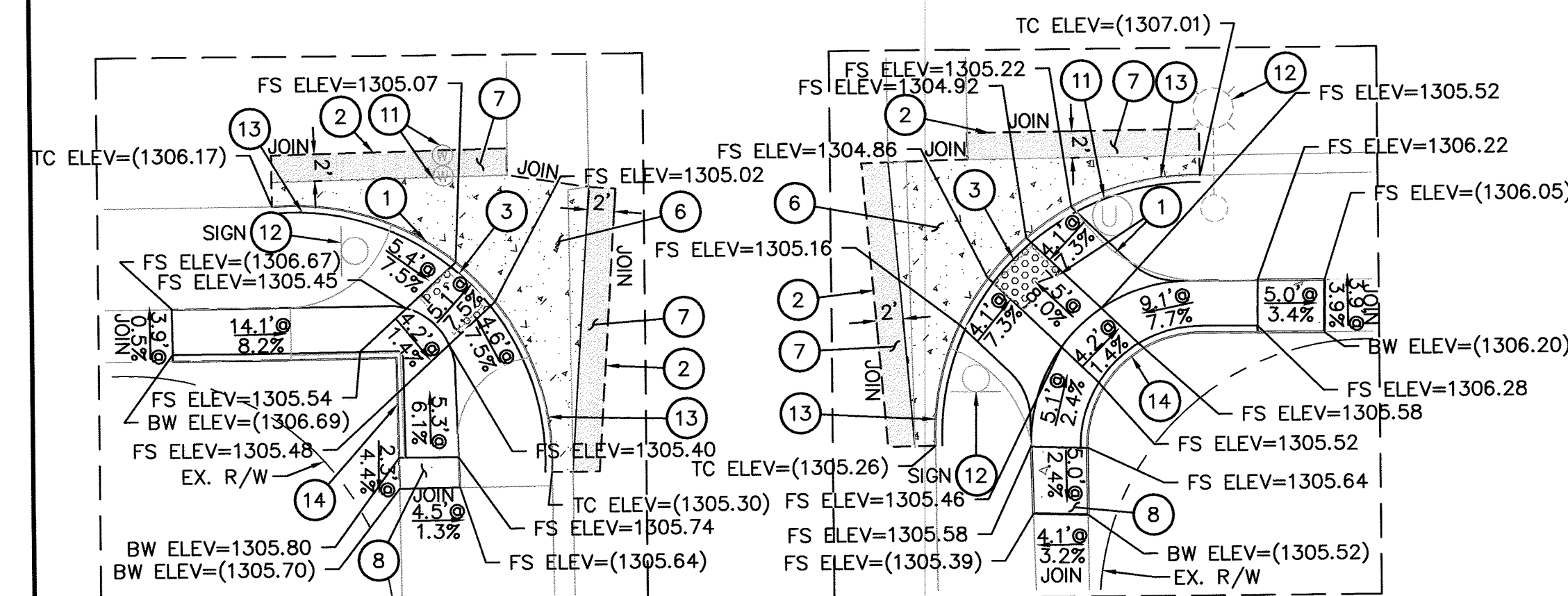
NORTHWEST CURB RAMP



NORTHEAST CURB RAMP

ETIWANDA AVE AT VISTA AVE

SCALE 1" = 10'

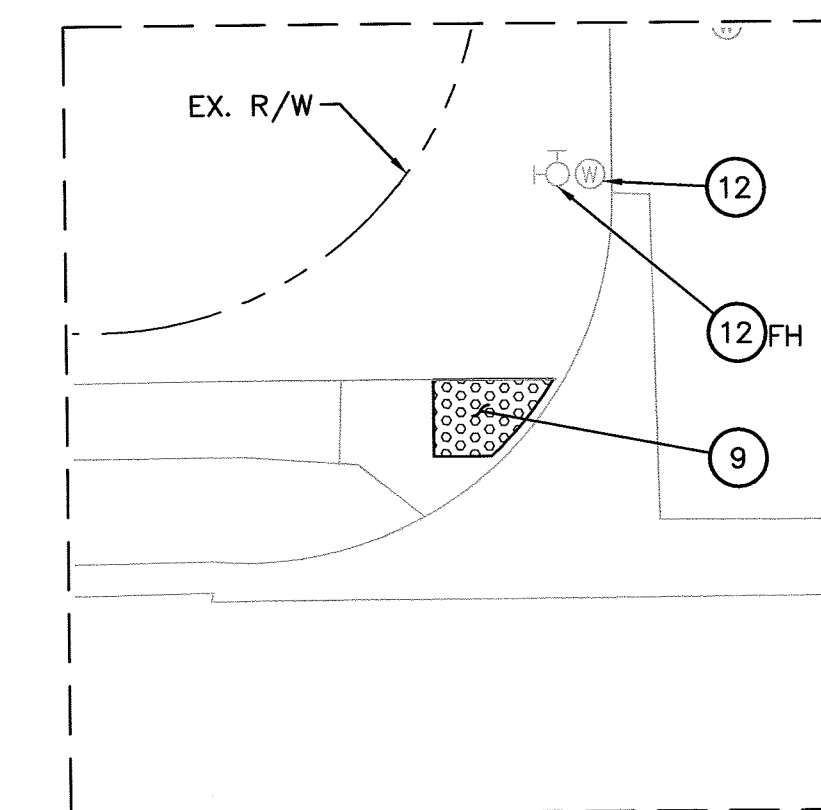


SOUTHWEST CURB RAMP

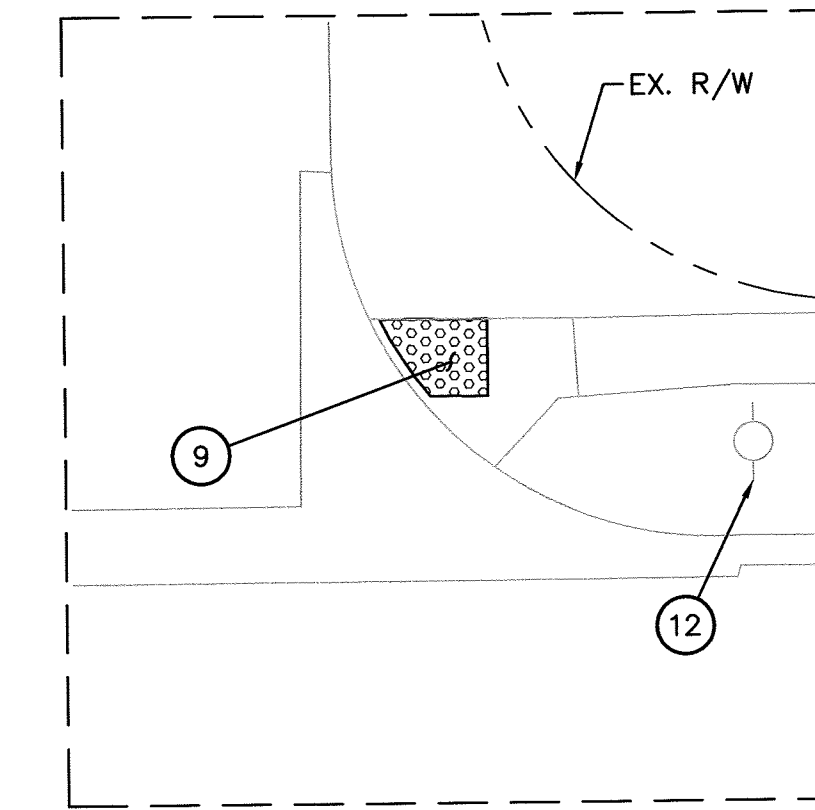
SOUTHEAST CURB RAMP

ETIWANDA AVE AT LILAC AVE

SCALE 1" = 10'



SOUTHWEST CURB RAMP



SOUTHEAST CURB RAMP

ETIWANDA AVE AT MILLARD AVE

SCALE 1" = 10'

XXX.XX = PROPOSED
(XXX.XX) = EXISTING

ROADWAY CONSTRUCTION NOTES

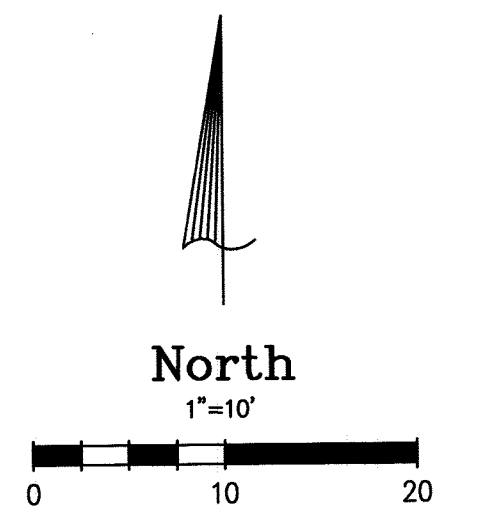
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NOTES

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LEGEND:

- PROPOSED GRIND AND OVERLAY
- CONSTRUCT P.C.C. PAVEMENT
- FULL DEPTH A.C. PAVEMENT



UNDERGROUND SERVICE ALERT (USA)

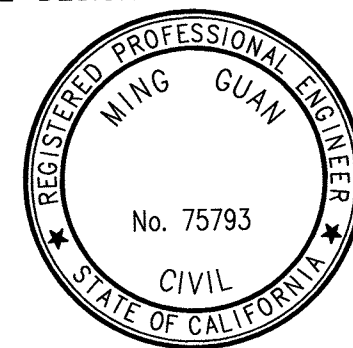
IT'S THE LAW!
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MARK	REVISIONS	APPR.	DATE
DESIGNED BY: _____	DRAWN BY: _____	CHECKED BY: _____	MG

SEAL-DESIGN ENGINEER



PREPARED UNDER THE SUPERVISION OF:

MING GUAN, RCE 75793
DATE: 7/24/19
RECOMMENDED FOR APPROVAL BY:
APPROVED BY: 7/25/19
HECTOR GONZALEZ, PRINCIPAL CIVIL ENGINEER, RCE 79797



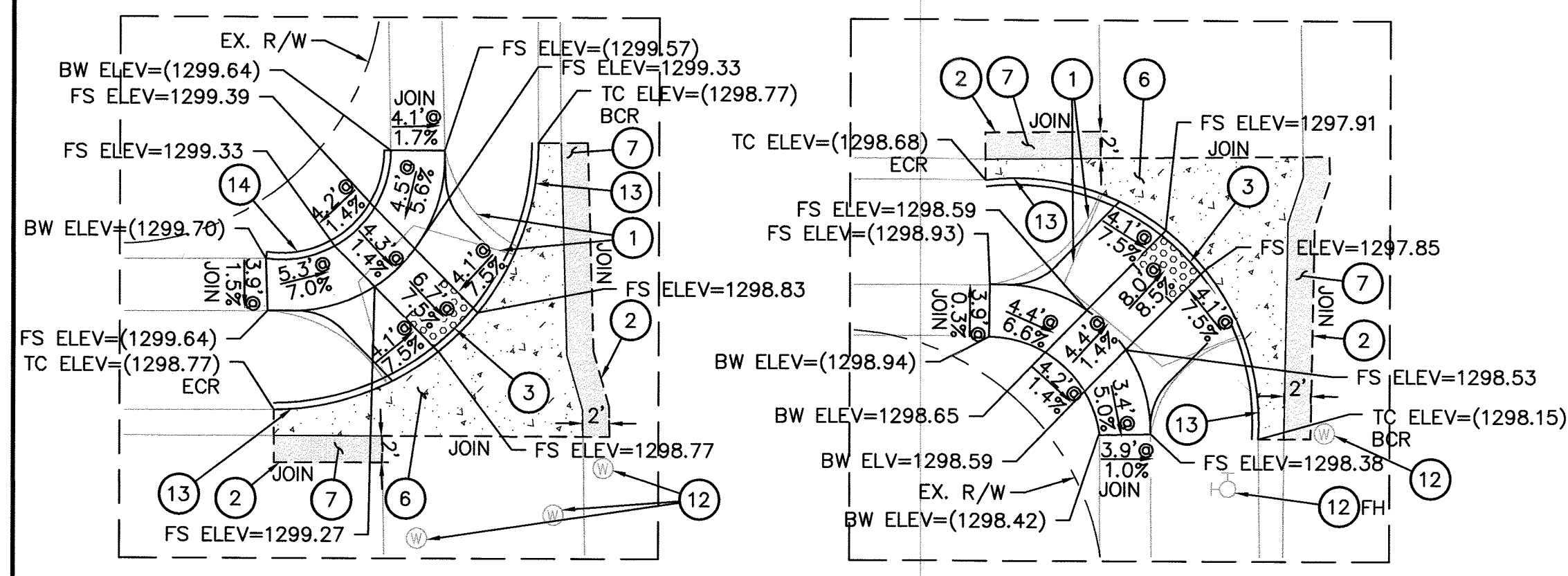
3190 C SHELBY STREET
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CITY OF RIALTO
ETIWANDA CORRIDOR IMPROVEMENT PROJECT
CURB RAMP DETAILS

FOR: CITY OF RIALTO

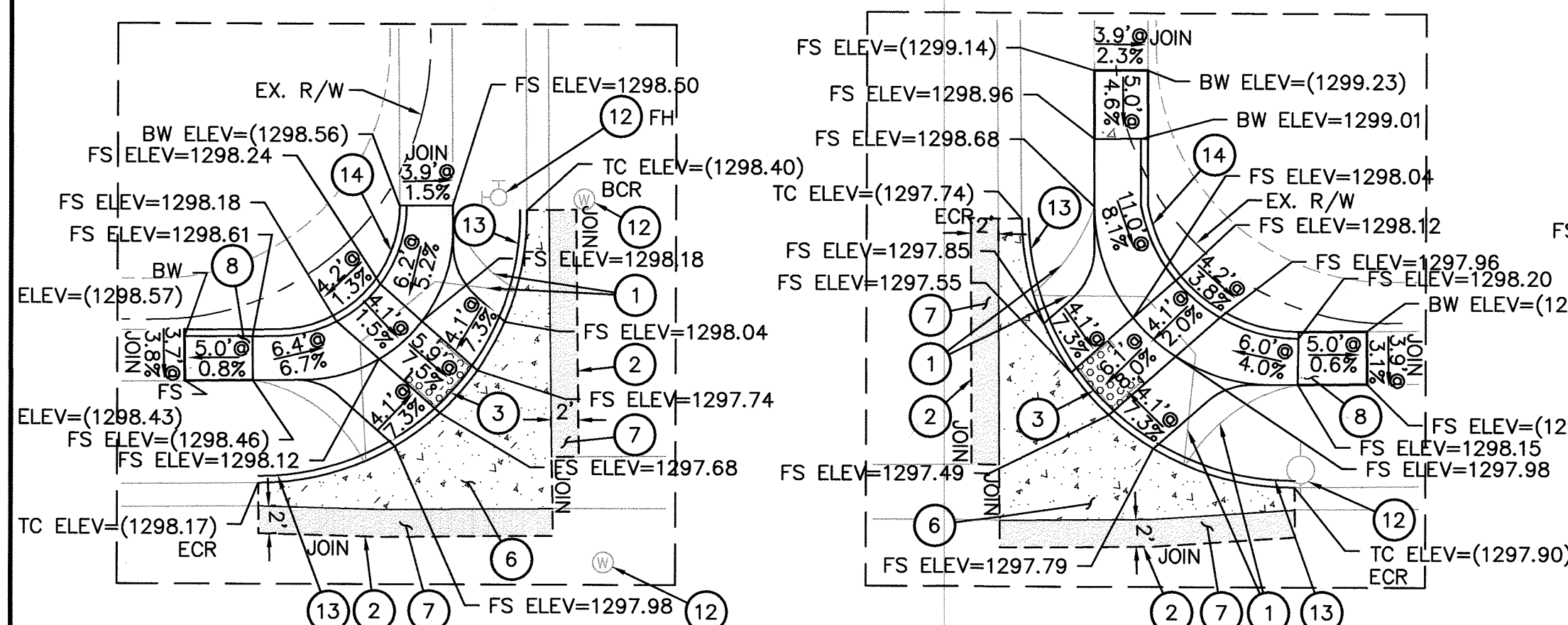
PLAN NO. T-642

30
OF 34 SHEETS



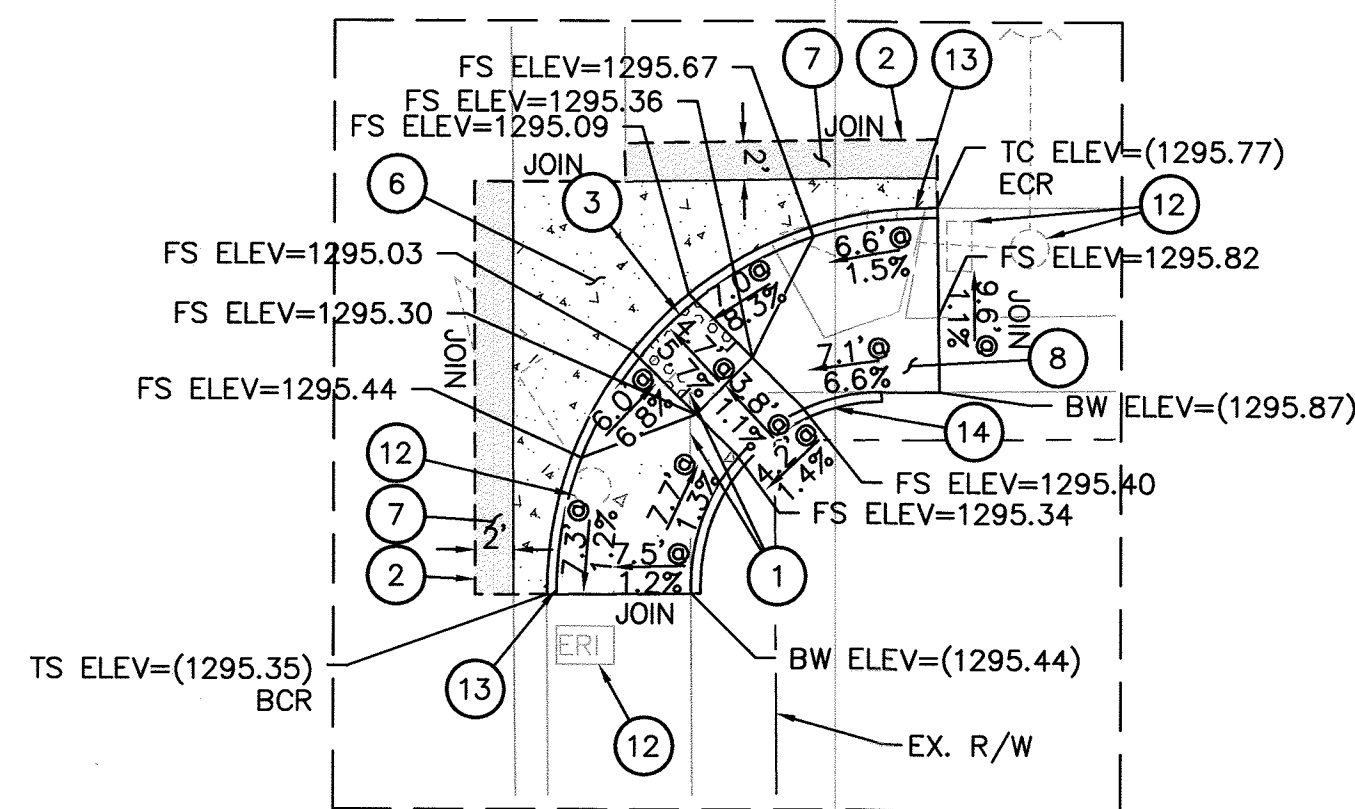
NORTHWEST CURB RAMP **SOUTHWEST CURB RAMP**
ETIWANDA AVE AT WILLOW AVE

SCALE 1" = 10'



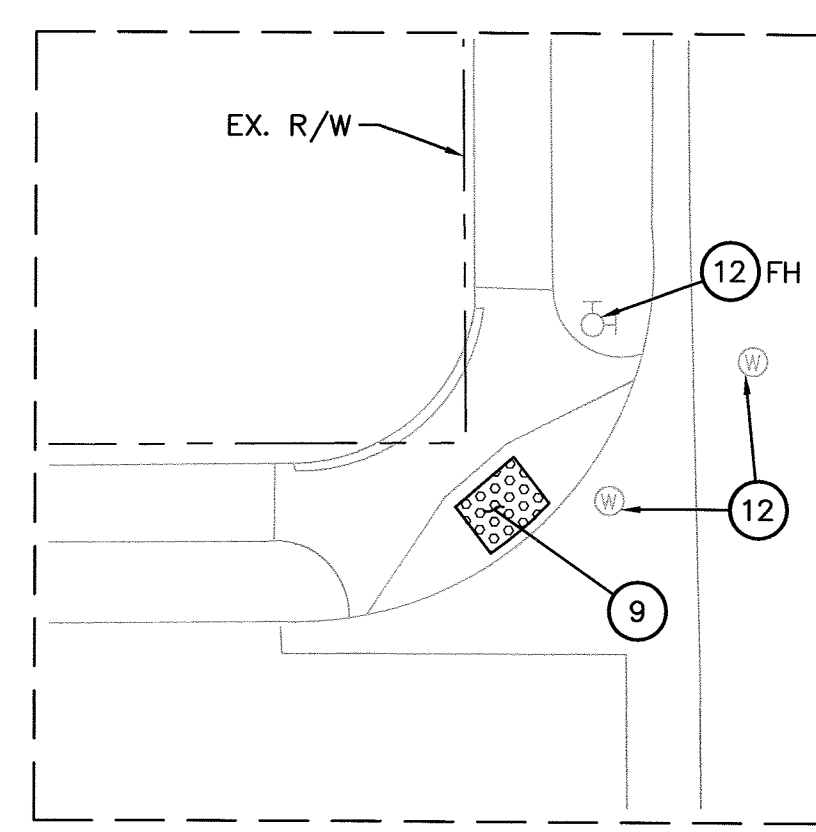
NORTHWEST CURB RAMP **NORTHEAST CURB RAMP**
ETIWANDA AVE AT PALM AVE

SCALE 1" = 10'

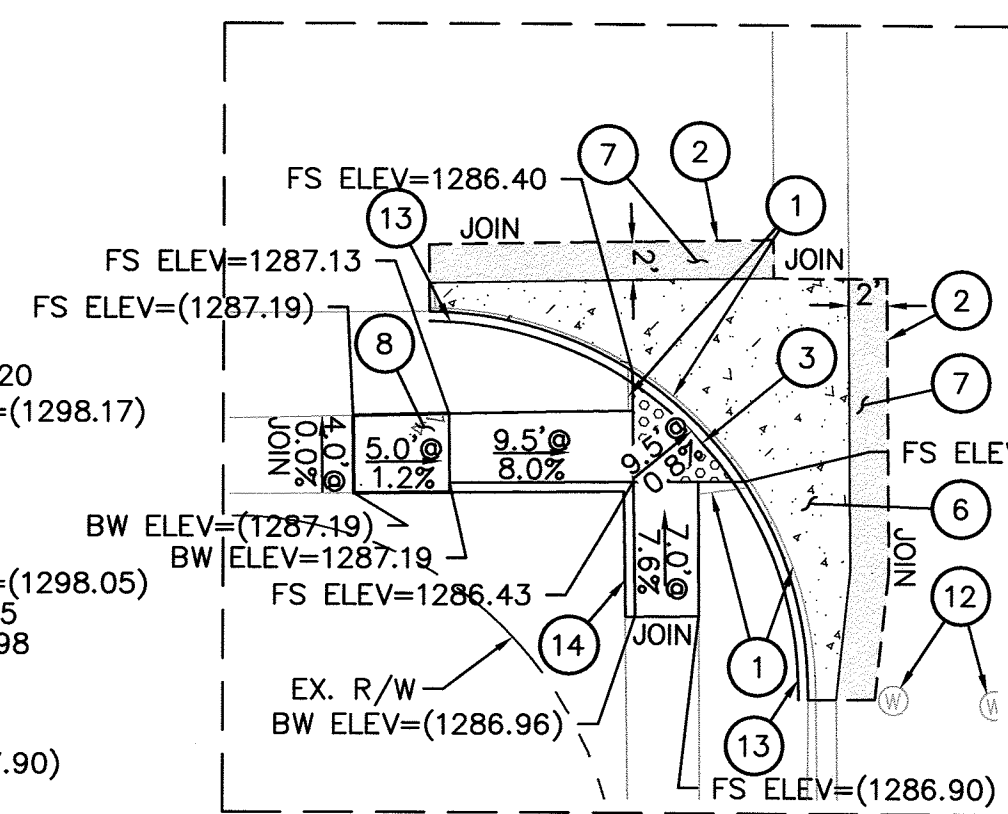


SOUTHWEST CURB RAMP
ETIWANDA AVE AT RIVERSIDE AVE

SCALE 1" = 10'



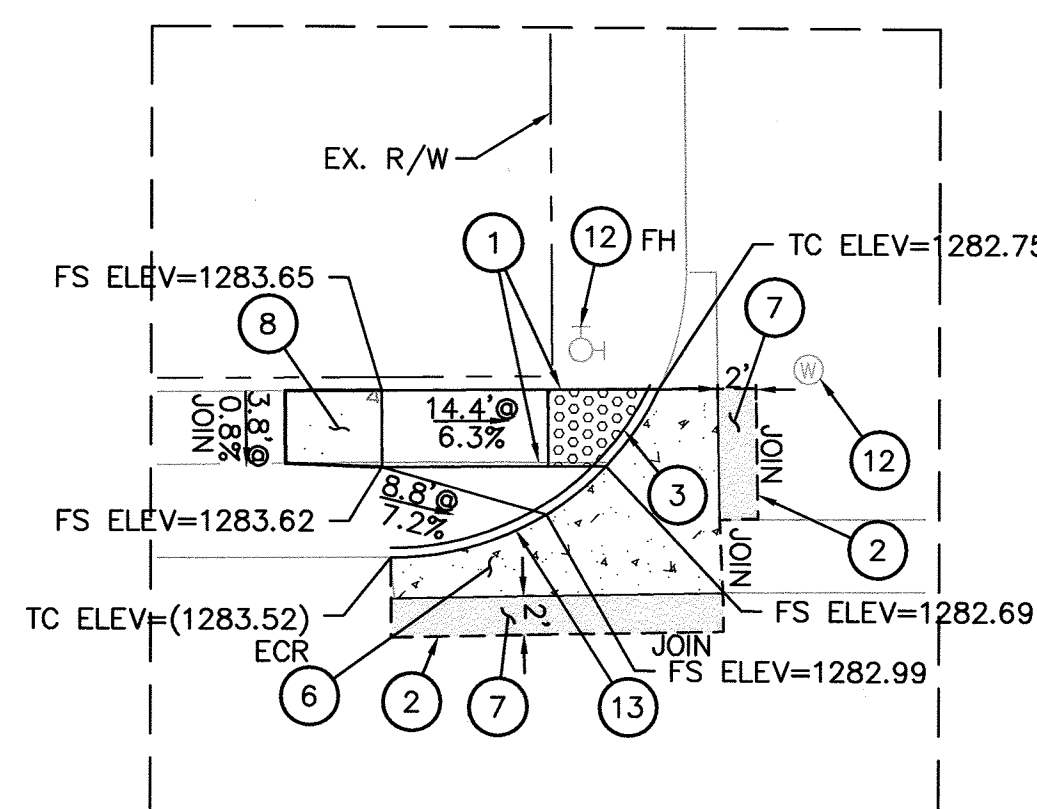
NORTHWEST CURB RAMP



SOUTHWEST CURB RAMP

ETIWANDA AVE AT SYCAMORE AVE

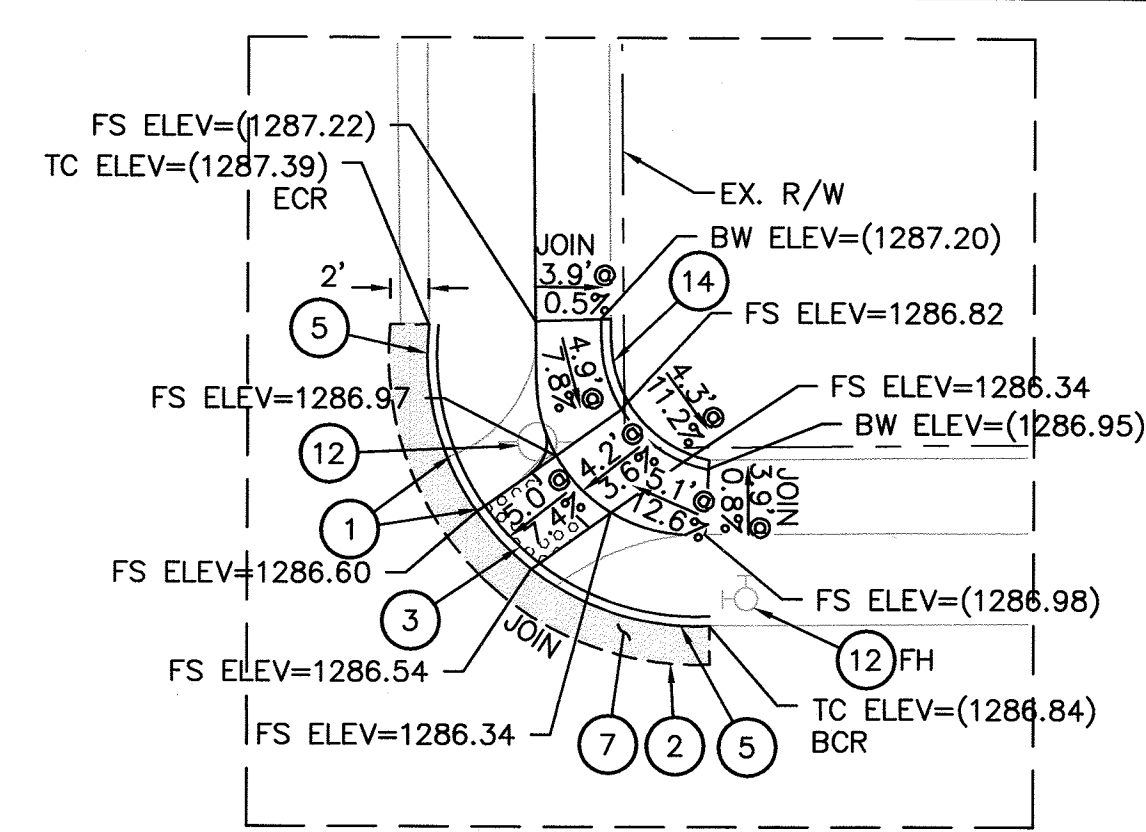
SCALE 1" = 10'



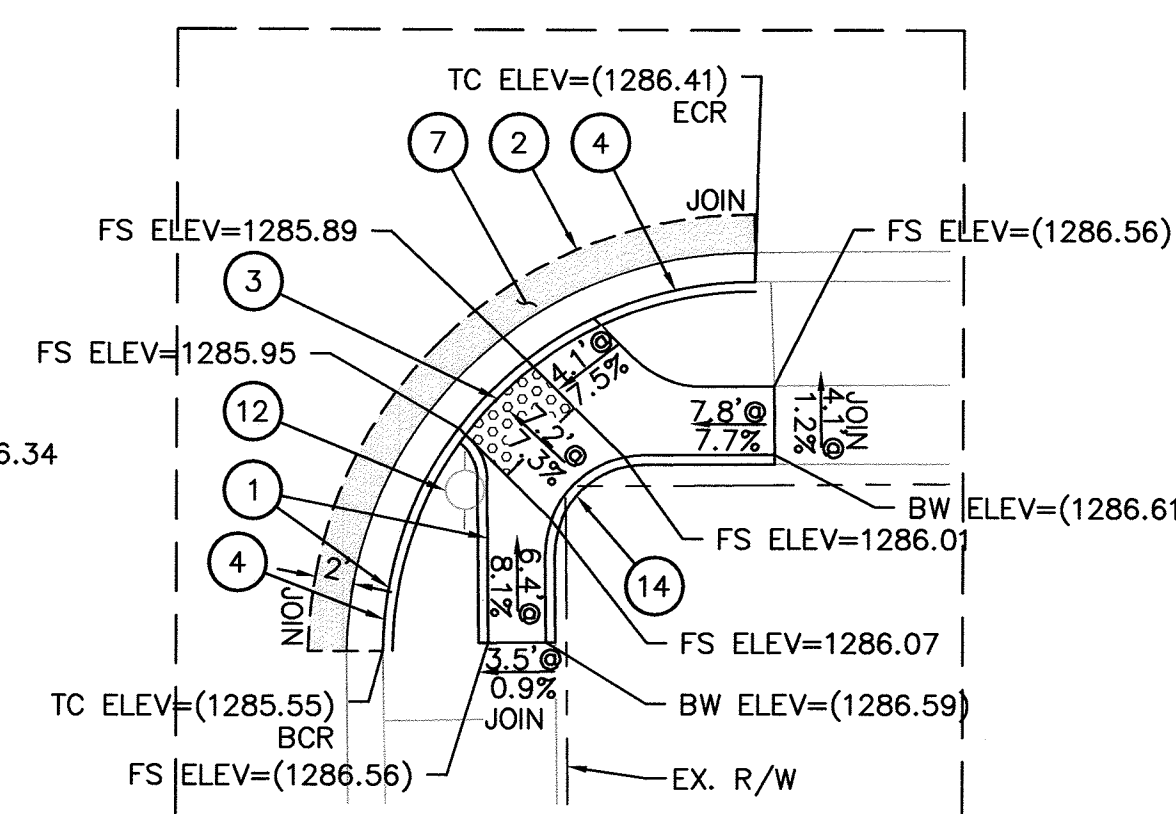
NORTHWEST CURB RAMP

ETIWANDA AVE AT OAKDALE AVE

SCALE 1" = 10'



NORTHEAST CURB RAMP



SOUTHEAST CURB RAMP

ROADWAY CONSTRUCTION NOTES

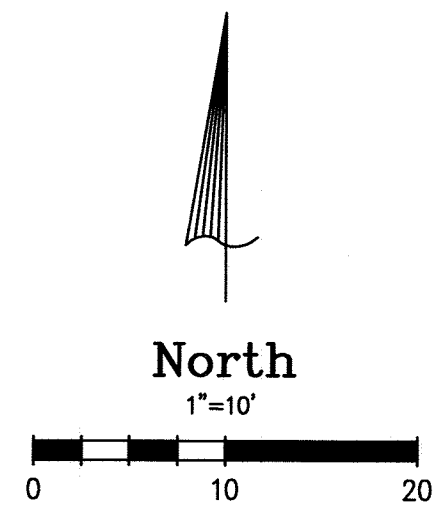
- ① REMOVE EXISTING AS NEED FOR CONSTRUCTION.
- ② REMOVAL LIMIT. SAWCUT CONCRETE, ASPHALT, AND OTHER HARDSCAPE SURFACE AND REMOVE TO THE LIMITS SHOWN ON THIS PLAN. ALL REMOVALS SHALL BE DISPOSED OF BY THE CONTRACTOR, UNDER CLEARING AND GRUBBING.
- ③ CONSTRUCT CURB RAMP AS SHOWN PER CITY STD. PLAN NO. SC-215 OVER 12" MIN 95% COMPACTED NATIVE.
- ④ CONSTRUCT 8" CURB AND GUTTER PER CITY STD. PLAN NO. SC-200.
- ⑤ CONSTRUCT 8" CURB PER CITY STD. PLAN NO. SC-202.
- ⑥ CONSTRUCT CROSS GUTTER PER CITY STD. PLAN NO. SC-216.
- ⑦ CONSTRUCT FULL DEPTH AC PAVEMENT OVER 12" OF 95% COMPACTED NATIVE SUBGRADE.
- ⑧ CONSTRUCT 4" THICK P.C.C. SIDEWALK OVER 12" MIN 95% COMPACTED NATIVE PER CITY STD PLAN NO. SC-203 AND SC-204.
- ⑨ INSTALL DETECTABLE WARNING SURFACE PER CITY STD. PLAN NO. 215.
- ⑫ PROTECT IN PLACE
- ⑬ CONSTRUCT 8" CURB INTEGRAL WITH SPANDREL.
- ⑭ CONSTRUCT RETAINING CURB PER CITY STD. PLAN NO. 215, DETAIL "D".

NOTES

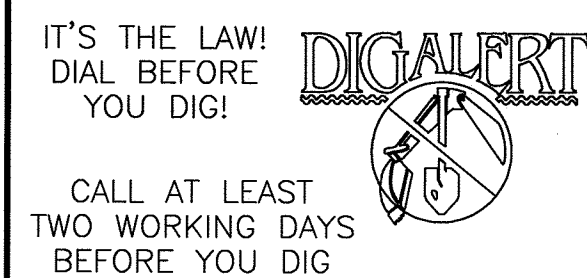
HORIZONTAL AND VERTICAL LOCATIONS TO BE VERIFIED IN THE FIELD AND ENGINEER NOTIFIED OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.

LEGEND:

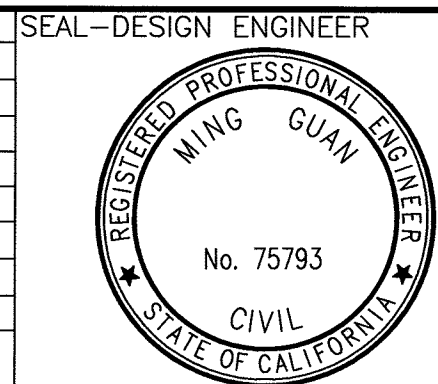
- CONSTRUCT P.C.C. PAVEMENT
- FULL DEPTH A.C. PAVEMENT



UNDERGROUND SERVICE ALERT (USA)



MARK	REVISIONS	APPR.	DATE
DESIGNED BY: _____	DRAWN BY: _____	CHECKED BY: MG	



PREPARED UNDER THE SUPERVISION OF:
 MING GUAN, RCE 75793
 DATE: 7/24/19
 RECOMMENDED FOR APPROVAL BY:
 AZZAM JABSHER, RCE 61198
 DATE: 7/25/19
 APPROVED BY:
 HECTOR GONZALEZ, PRINCIPAL CIVIL ENGINEER, RCE 79797
 DATE: 7/25/19



3190 C SHELBY STREET
 ONTARIO, CALIFORNIA 91764
 Tel: (909) 890-9693 Fax: (909) 890-9694

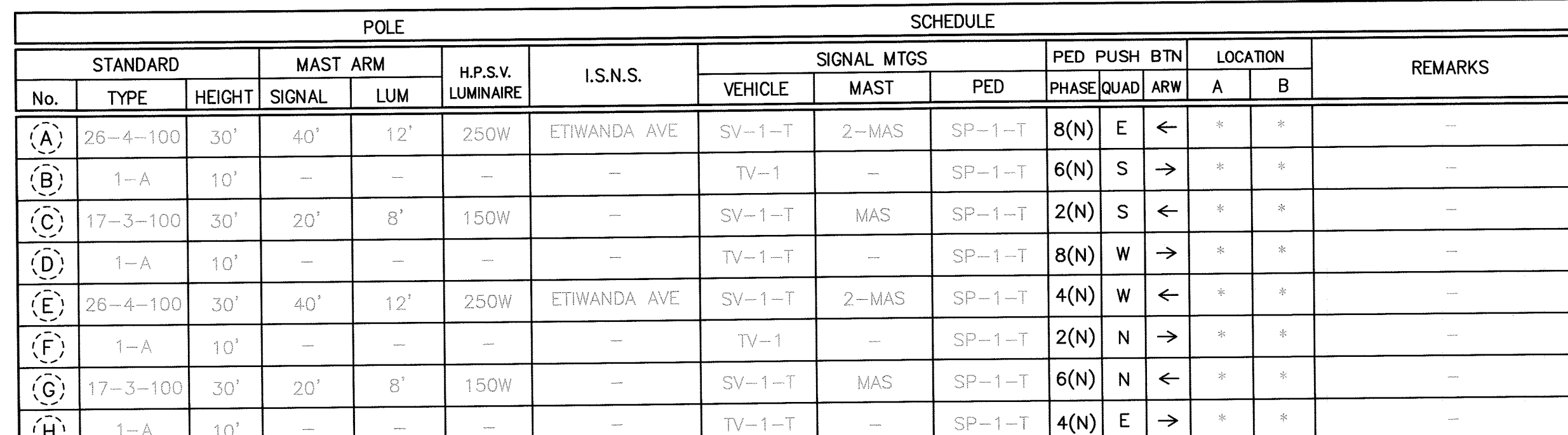
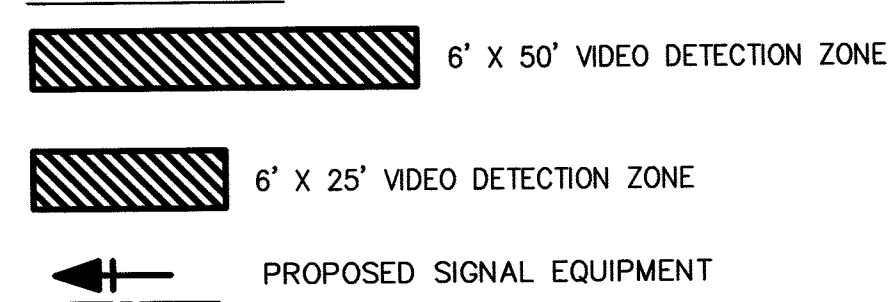
CITY OF RIALTO
ETIWANDA CORRIDOR IMPROVEMENT PROJECT
CURB RAMP DETAILS

FOR: CITY OF RIALTO

PLAN NO. **T-642**

ALL CONDUITS AND CONDUCTORS SHALL BE EXISTING UNLESS OTHERWISE NOTED (N) NEW.

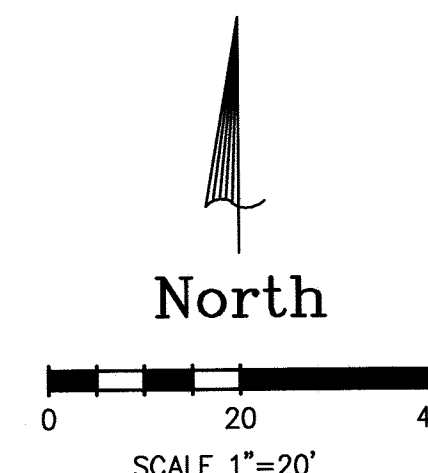
- 1 REMOVE EXISTING CONTROLLER AND INSTALL NEW SIGNAL ATC 170 COLDFIRE 750 PROGRAM CONTROLLER UNIT. THIS SHALL INCLUDE ALL OTHER NECESSARY AUXILIARY EQUIPMENT TO PROVIDE A COMPLETE AND FUNCTIONING CONTROLLER ASSEMBLY. CONTRACTOR SHALL INSTALL FURNISHED VIDEO DETECTION SYSTEM AND VIDEO DETECTION COMMUNICATIONS MODULE, INCLUDING VIDEO DETECTION CARDS.
- 3 PROTECT EXISTING SERVICE CABINET IN PLACE.
- 4 FURNISH AND INSTALL VIDEO DETECTION SYSTEM WITH ITERIS VANTAGE VECTOR VIDEO DETECTION REMOTE CAMERA ACCESS ON SIGNAL MAST ARM PER THE SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER.
- 5 FURNISH AND INSTALL POLARA PEDESTRIAN PUSH BUTTON ON SIGNAL POLE PER MANUFACTURER SPECIFICATIONS AND DETAIL "A".
- 6 REMOVE EXISTING PEDESTRIAN PUSH BUTTON.
- 7 REPLACE EXISTING ALPHA FXM1100 UNINTERRUPTED POWER SUPPLY (UPS) IN CONTROLLER CABINET.
- AB ABANDON. IF APPLIED TO CONDUIT, REMOVE CONDUCTORS



ALL EQUIPMENT SHALL BE EXISTING, UNLESS OTHERWISE NOTED, (N) NEW.
* EXISTING POLE INFORMATION AND LOCATION

1. ALL WORK EMBODIED IN THIS PLAN SHALL CONFORM WITH THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (GREEN BOOK), LATEST EDITION, AND ALL SUPPLEMENTS, THE CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD PLANS AND SPECIFICATIONS, AND THE STANDARD REQUIREMENTS OF THE CITY OF RIALTO.
2. ALL EQUIPMENT AND MATERIALS SHALL BE FURNISHED BY THE CONTRACTOR.
3. AT THE TIME OF SIGNAL TURN-ON, ALL SIGNAL EQUIPMENT SHALL OPERATE ACCORDING TO THE DESIGN SPECIFIED ON THE PLAN, IN THE SPECIFICATIONS AND TO THE SATISFACTION OF THE CITY ENGINEER.
4. CONTRACTOR SHALL LOCATE ALL SUBSTRUCTURES AND UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION, DIG FOUNDATIONS UNTIL CLEAR OF OBSTRUCTIONS, AND COORDINATE WITH OVERHEAD AND UNDERGROUND UTILITY OWNERS. CONTACT UNDERGROUND SERVICE ALERT AT 811 AT LEAST 48 HOURS PRIOR TO CONSTRUCTION. LOCATE AS DIRECTED.
5. OBTAIN APPROVAL FROM THE CITY ENGINEER OR HIS FIELD REPRESENTATIVE FOR EXACT LOCATION OF EQUIPMENT PRIOR TO FINAL PLACEMENT.
6. ALL PULL BOXES SHALL BE NO. 6 UNLESS SHOWN OTHERWISE.
7. PULL BOXES SHALL BE MARKED "TRAFFIC SIGNAL". CONTRACTOR SHALL REPLACE ALL DAMAGED PULL BOXES.
8. ALL WIRING SHALL BE MARKED (TAGGED) WITHIN THE CONTROLLER CABINET AND IN THE PULL BOXES FOR PHASE IDENTIFICATION.
9. ALL VEHICLE SIGNAL HEADS SHALL BE 12-INCH (LED) SECTIONS, TUNNEL VISORS AND BACKPLATES. ALL VEHICLE AND PEDESTRIAN INDICATIONS SHALL BE PROVIDED WITH LED UNITS PER ITE SPECIFICATIONS.
10. VIDEO/RADAR DETECTION ZONES- NOT A PHYSICAL INSTALLATION.
11. ELECTRICAL SERVICE EQUIPMENT INSTALLATION AND SERVICE CONDUIT RUN DETAILS SHALL CONFORM TO SOUTHERN CALIFORNIA EDISON (SCE) REQUIREMENTS. CONTRACTOR SHALL CONTACT JEFF HUDSON AT (909) 357-6523 THE SCE SERVICE PLANNER 48 HOURS IN ADVANCE FOR COORDINATION AND PRE-CONSTRUCTION CONFERENCE REGARDING THE SIZE AND DEPTH OF THE SERVICE CONDUIT, LOCATION OF THE PEDESTAL AND OTHER REQUIREMENTS. AFTER EXCAVATION, THE TRENCH SHALL NOT BE REFILLED BY THE CONTRACTOR PRIOR TO SCE INSPECTION AND APPROVAL.
12. ALL REFLECTORIZED STREET NAME SIGNS SHALL CONFORM TO CITY OF RIALTO STANDARDS. THE CONTRACTOR SHALL SUBMIT A FULL-SIZE SAMPLE TO THE CITY ENGINEER FOR APPROVAL PRIOR TO ORDERING SIGNS.
13. ALL SIGNAL STANDARDS, MAST ARMS, AND LUMINAIRES SHALL CONFORM TO STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARDS.
14. ALL SIGNAL EQUIPMENT SHALL BE WIRED IN ACCORDANCE WITH THE PROPOSED SIGNAL PHASE DIAGRAM.
15. ALL SIGNS SHALL BE DG3 TYPE WITH GRAFFITI RESISTANT FILM.
16. ALL NEW SIGNALS SHALL BE EQUIPPED WITH BBS.
17. ALL CONDUITS SHALL BE 3" MIN. UNLESS OTHERWISE NOTED,
18. ALL NEW PEDESTRIAN SIGNAL HEADS SHALL BE COUNT-DOWN INDICATIONS.
19. ALL NEW PEDESTRIAN PUSH BUTTON ASSEMBLIES SHALL BE BULLDOG TYPE 3.
20. ALL NEW STREET LIGHTS SHALL BE LED TYPE.

THIS PLAN ACCURATE FOR
ELECTRICAL WORK ONLY

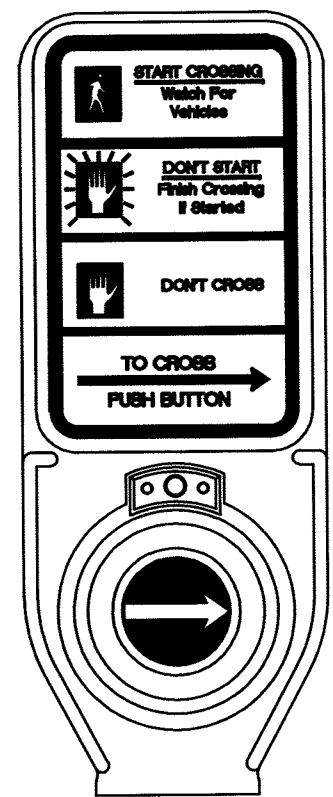
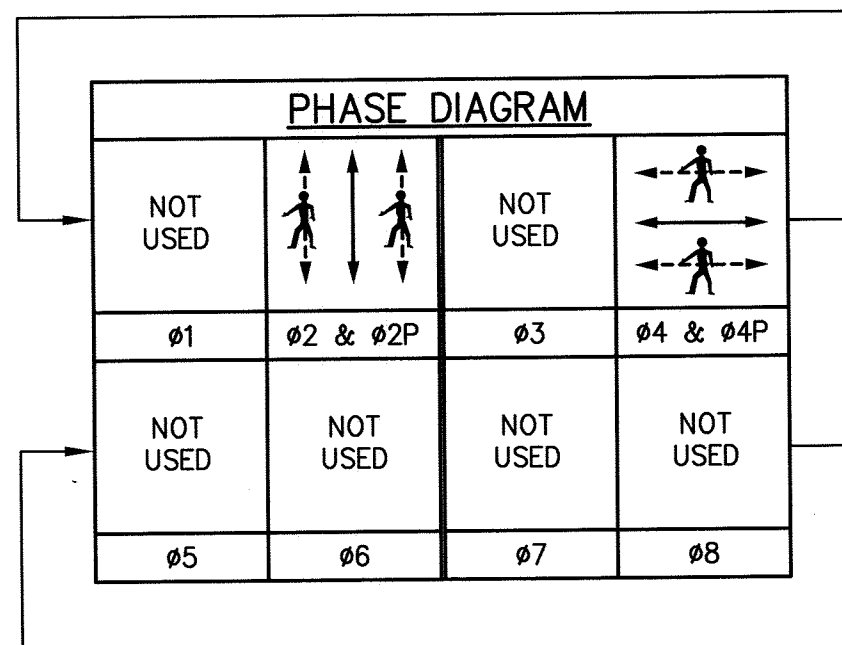
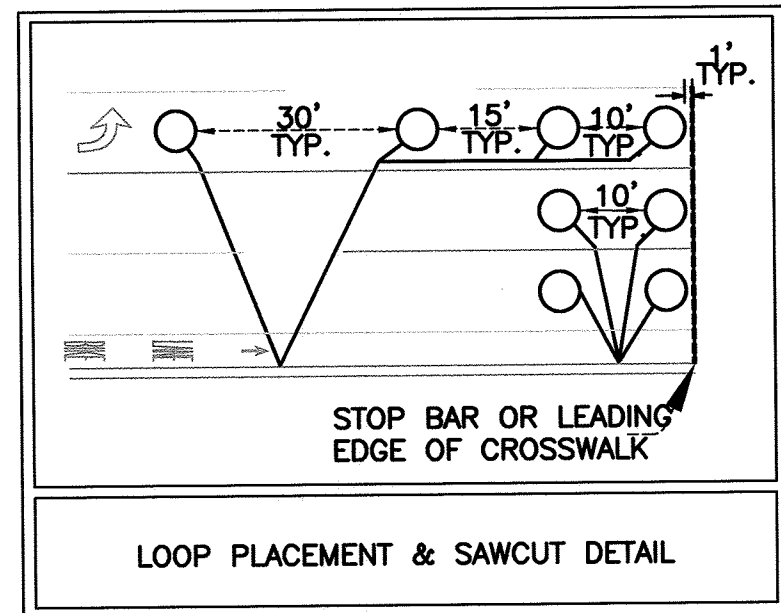


CONDUCTOR TABLE									
AWG.	CIRCUIT OR POLE	RUNS							
		1	2	3	4	5	6	7	8
#14	Ø1	3	3	3	6	3	3	3	3
	Ø2	—	3	3	6	3	3	3	—
	Ø1PPB	—	1	2	4	2	2	1	—
	Ø2PPB	1	1	1	4	2	2	1	1
	Ø1EVP	—	2	2	4	2	2	2	—
	Ø2EVP	2	2	2	4	2	2	2	2
	SPARE	3	3	3	3	3	3	3	3
#12	TOTAL	9	15	16	31	17	17	15	9
	Ø1DET.	—	—	12	18	6	6	6	6
	Ø2DET.	—	2	2	4	2	2	—	—
	ILLUMINATED ST.	1	1	1	—	1	1	1	—
#10	12 VOLT	1	1	1	1	1	1	1	1
	TOTAL	2	4	16	23	10	10	8	7
#8	LUMINAIRE	2	2	2	—	2	—	—	—
	12 VOLT. SIGNAL	1	1	1	2	1	1	1	1
#6	SERVICE	—	—	6	6	—	—	—	—
	TOTAL	1	1	7	8	1	1	1	1
CONDUIT SIZE		2"	2"	2"	2-3"	2"	2"	2"	2"
PERCENT FILL RATIO(%)		11	13	31	11	21	17	15	8

ALL CONDUITS AND CONDUCTORS SHALL BE EXISTING UNLESS OTHERWISE NOTED (N) NEW.

CONSTRUCTION NOTES (TRAFFIC SIGNAL):

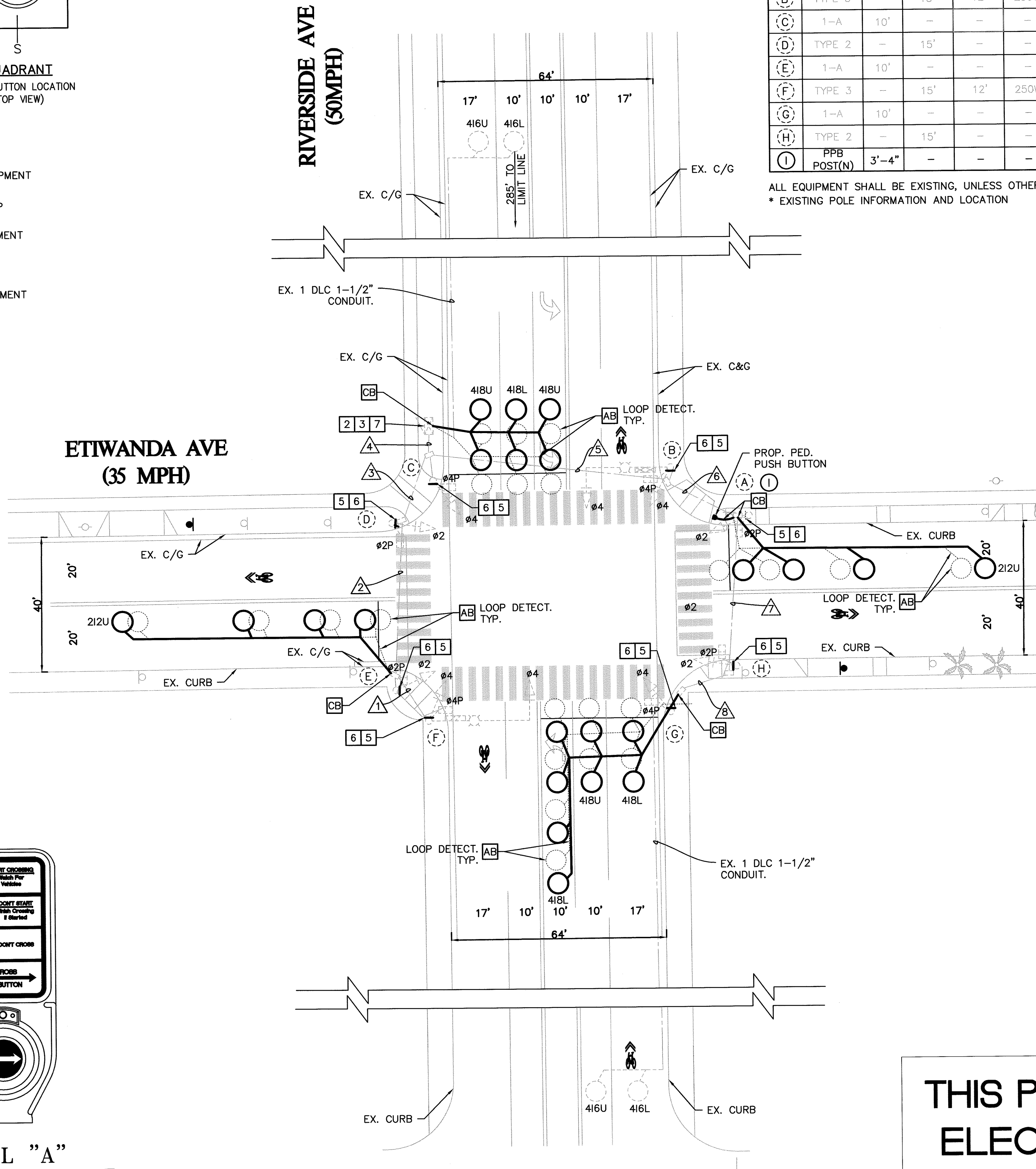
- PROTECT IN PLACE EXISTING CONTROLLER CABINET. CONTRACTOR SHALL INSTALL FURNISHED VIDEO DETECTION SYSTEM AND VIDEO DETECTION COMMUNICATIONS MODULE.
- PROTECT EXISTING SERVICE CABINET IN PLACE.
- FURNISH AND INSTALL POLARA PEDESTRIAN PUSH BUTTON ON SIGNAL POLE PER MANUFACTURER SPECIFICATIONS AND DETAIL "A".
- REMOVE EXISTING PEDESTRIAN PUSH BUTTON.
- INSTALL EXISTING CONDUIT INTO EXISTING PULLBOX.
- ABANDON. IF APPLIED TO CONDUIT, REMOVE CONDUCTORS.



DETAIL "A"
PUSH BUTTON ASSEMBLY

LEGEND:

- PROPOSED SIGNAL EQUIPMENT
- PROPOSED TYPE E LOOP
- EXISTING SIGNAL EQUIPMENT
- EXISTING TYPE E LOOP
- REMOVED SIGNAL EQUIPMENT
- REMOVED TYPE E LOOP



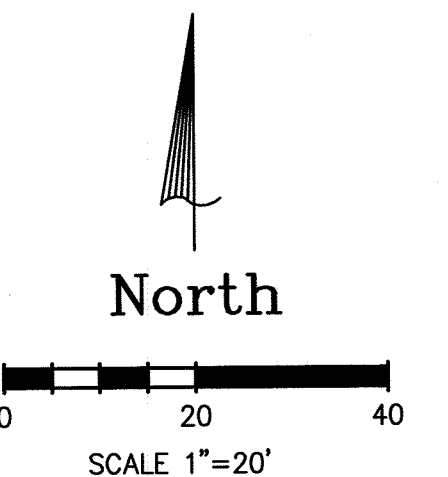
POLE						SCHEDULE									
STANDARD			MAST ARM		H.P.S.V. LUMINAIRE	I.S.N.S.	SIGNAL MTGS			PED	PUSH	BTN	LOCATION		REMARKS
No.	TYPE	HEIGHT	SIGNAL	LUM			VEHICLE	MAST	PED	PHASE	QUAD	ARW	A	B	
(A)	1-A	10'	—	—	—	—	TV-1	—	SP-1-T	—	—	—	*	*	—
(B)	TYPE 3	—	15'	12'	250W	—	SV-1-T MAT	MAS	SP-1-T	2(N)	S	←	*	*	—
(C)	1-A	10'	—	—	—	—	TV-1	—	SP-1-T	2(N)	S	→	*	*	—
(D)	TYPE 2	—	15'	—	—	—	SV-1-T MAT	MAS	SP-1-T	4(N)	E	←	*	*	—
(E)	1-A	10'	—	—	—	—	TV-1	—	SP-1-T	4(N)	E	→	*	*	—
(F)	TYPE 3	—	15'	12'	250W	—	SV-1-T MAT	MAS	SP-1-T	2(N)	N	←	*	*	—
(G)	1-A	10'	—	—	—	—	TV-1	—	SP-1-T	2(N)	N	→	*	*	—
(H)	TYPE 2	—	15'	—	—	—	SV-1-T MAT	MAS	SP-1-T	4(N)	W	←	*	*	—
(I)	PPB POST(N)	3'-4"	—	—	—	—	—	—	—	4(N)	W	→	3.5'	2'	—

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TRAFFIC SIGNAL GENERAL NOTES

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- ALL NEW STREET LIGHTS SHALL BE LED TYPE.

THIS PLAN ACCURATE FOR
ELECTRICAL WORK ONLY



UNDERGROUND SERVICE ALERT (USA)

IT'S THE LAW!
DIAL BEFORE
YOU DIG!



CALL AT LEAST
TWO WORKING DAYS
BEFORE YOU DIG

MARK REVISIONS APPR. DATE
DESIGNED BY: _____ DRAWN BY: _____ CHECKED BY: _____ MG

SEAL-DESIGN ENGINEER



PREPARED UNDER THE SUPERVISION OF:

MING GUAN, RCE 75793
RECOMMENDED FOR APPROVAL BY:
AZZAM JABSEH, RCE 61198
APPROVED BY:
HECTOR GONZALEZ, PRINCIPAL CIVIL ENGINEER, RCE 79797

7/24/19 DATE
7/25/19 DATE
7/25/19 DATE



3190 C SHELBY STREET
ONTARIO, CALIFORNIA 91764
Tel: (909) 890-9693 Fax: (909) 890-9694

CITY OF RIALTO
ETIWANDA CORRIDOR IMPROVEMENTS
RIVERSIDE AVE AND ETIWANDA AVE
TRAFFIC SIGNAL PLAN

FOR: CITY OF RIALTO

PLAN NO. T-642

34
OF 34 SHEETS