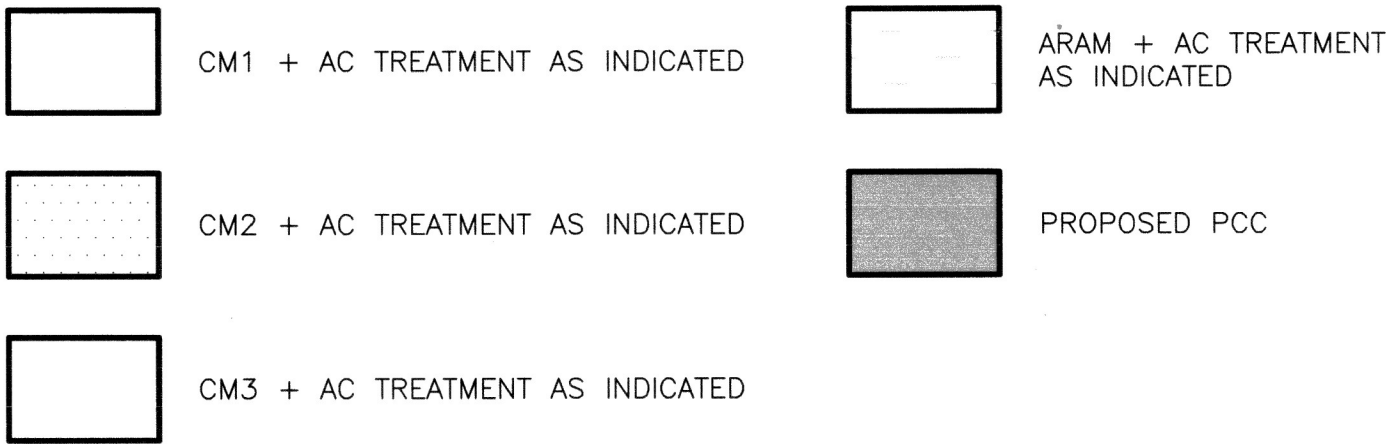
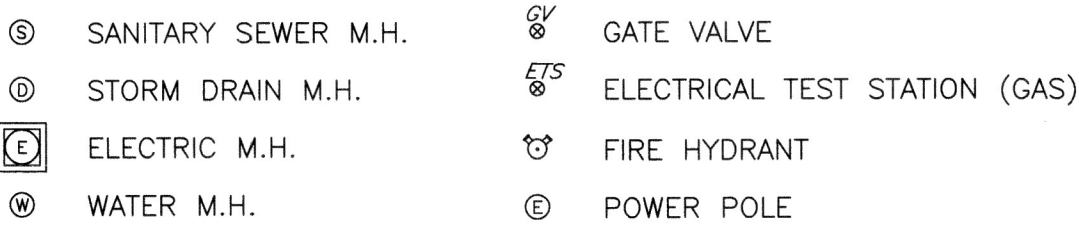


LEGEND:



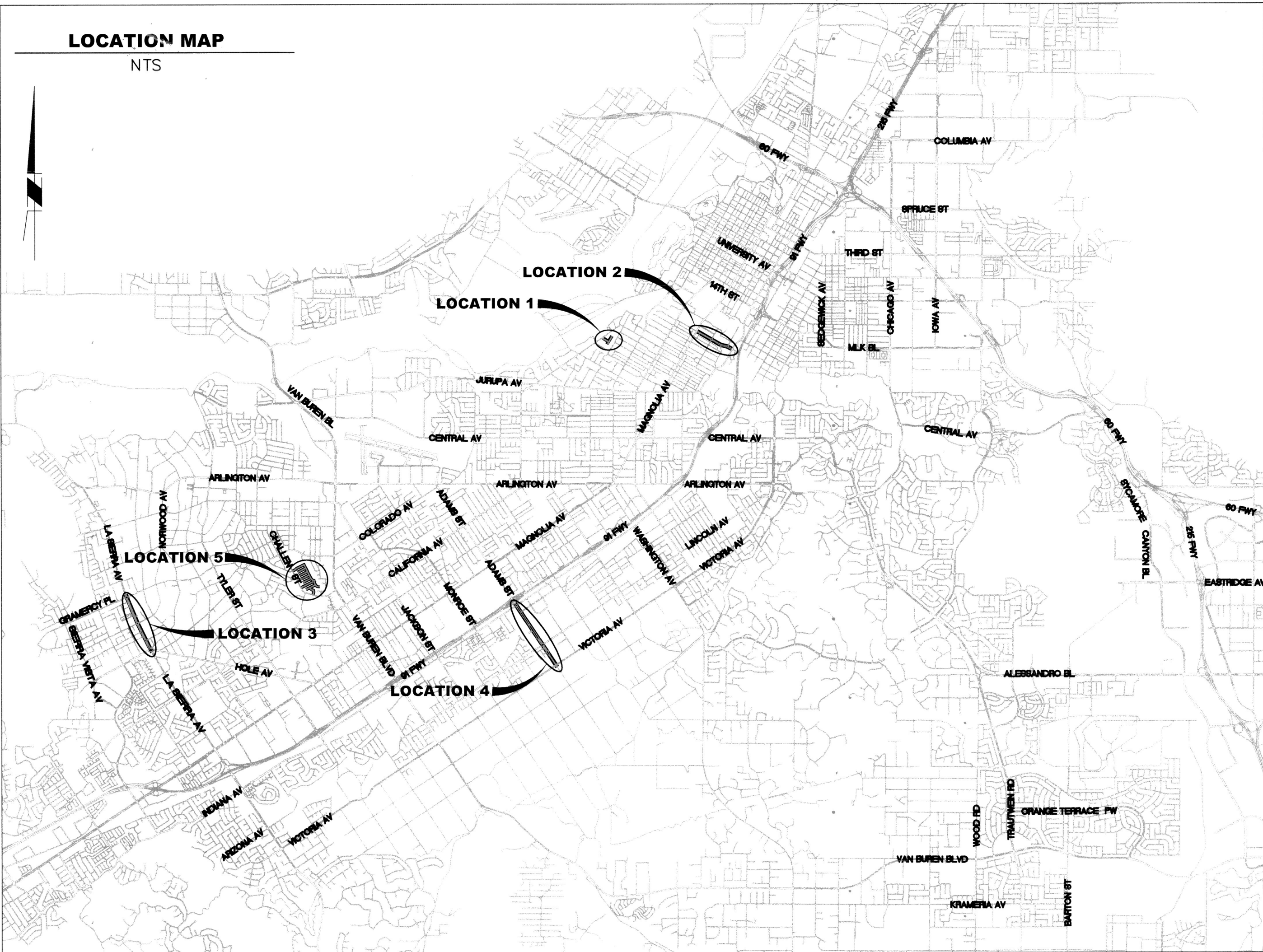
EXISTING TOPOGRAPHY:



CONSTRUCTION NOTES:

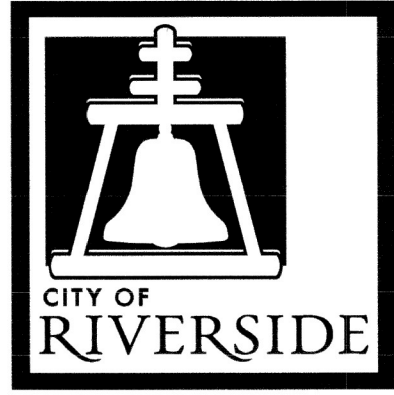
- REMOVE AND REPLACE IN KIND EXISTING FACILITY. NUMBERS ABOVE 100 IN A HEXAGON ON THE PLAN REFER TO THE RESPECTIVE STANDARD DRAWING AND SHALL BE CONSTRUCTED ACCORDINGLY. ANY NOTE SHOWN BELOW THE STANDARD DRAWING NUMBER INDICATES THE SPECIFIC TYPE ACTION OR MODIFICATION TO BE CONSTRUCTED. DIMENSIONS OF NEW FACILITY SHALL BE MODIFIED AS NECESSARY, EXCLUDING ADA REQUIREMENTS, TO MATCH EXISTING FACILITY REMOVED.
- ADJUST TO GRADE, DESCRIPTION PER PLAN: (MH) MANHOLE, (GV) GATE VALVE, (WM) WATER METER, REPLACE BOX AS DIRECTED BY ENGINEER. (PB) PULLBOX, (CO) CLEAN OUT, (VLT) VAULT.
- CONSTRUCT TEMPORARY AC PATCH ON SIDEWALK TO REPAIR TRIPPING HAZARD
- PROTECT IN PLACE, DESCRIPTION PER PLAN: (SL) STREET LIGHT, (MB) WATER METER MAILBOX, (PP) POWER POLE, (CB) CATCH BASIN, (TP) TRAFFIC POLE, (MB) MAILBOX, GUY (GUY WIRE), (BUS) BUS PAD, (TW) TREE WELL, (RMP) HANDICAP RAMP, (FH) FIRE HYDRANT, (PCC) CONCRETE.
- REMOVE EXISTING, DESCRIPTION PER PLAN: (ACP) TEMPORARY AC PATCH ON SIDEWALK, (PV) PAVEMENT, (CRB) CURB, (RMP) CURB RAMP, (GRT) GRATE, (WM) WATER METER BOX AND FILL VOID WITH CONCRETE, (T1) CLASS I TREE AND ROOTS, (T2) CLASS II TREE AND ROOTS, (T3) CLASS III TREE AND ROOTS, (GRT) TREE GRATE.
- 0.12' MIN. DEPTH LINEAR COLD MILL OF EXISTING AC PAVEMENT OR 0.15' MIN. DEPTH WHEN USED IN CONJUNCTION WITH ARAM TREATMENT.  
(--)= WIDTH OF LINEAR COLD MILL AS INDICATED ON PLANS.
- VARIABLE AREA COLD MILL OF EXISTING AC PAVEMENT.  
(--)= DEPTH OF VARIABLE AREA COLD MILL AS INDICATED ON PLANS.  
(VAR)= VARIABLE DEPTH PROFILE GRIND, MINIMUM OF 0.15', TO PROVIDE SMOOTH TRANSITION TO MATCH EXISTING AC PAVEMENT SURFACE.
- VARIABLE AREA FULL DEPTH COLD MILL TO REMOVE EXISTING PAVEMENT SECTION DOWN TO BASE MATERIAL OR NATIVE SOIL. NATIVE SOIL AND/OR BASE SHALL BE REMOVED AND COMPACTED AS NECESSARY TO INSTALL THE DG AND/OR ARAM THICKNESS AS INDICATED ON PLAN.
- CONSTRUCT ASPHALT RUBBER AND AGGREGATE MEMBRANE.
- OVERLAY OR CONSTRUCT NEW DGAC PAVEMENT. REPLACEMENT DEPTH SHALL MATCH AC THICKNESS TO BE REMOVED UNLESS OTHERWISE NOTED. CONTRACTOR SHALL SUPPLY AND INSTALL REDWOOD HEADER WHERE NECESSARY OR AS INSTRUCTED BY THE ENGINEER.
- OVERLAY ASPHALT RUBBER HOT MIX (ARHM) PAVEMENT. PAVEMENT DEPTH SHALL BE AS INDICATED PER PLAN.
- CONSTRUCT CURB AND GUTTER PER CITY STANDARD 200, TYPE TO MATCH EXISTING.
- CONSTRUCT CURB AND GUTTER PER CITY STD 200 WITH THE FOLLOWING MODIFICATION (---):  
(I) = TYPE II, CURB ONLY.  
(M1) = TYPE II, 6-INCH WIDE CURB BAND, FLUSH 0-INCH CURB HEIGHT.  
(M2) = TYPE I, CURB AND GUTTER VARIABLE HEIGHT (8" MAX)
- CONSTRUCT DRIVEWAY PER CITY STD 302 WITH THE FOLLOWING MODIFICATION (---):  
(PL1) = TYPE PL-I  
(C1) = TYPE CURB-I  
(M1) = CONSTRUCT PARTIAL DRIVEWAY TO MATCH EXISTING DRIVEWAY TYPE, DIMENSIONS, AND GRADE. PROTECT IN PLACE EXISTING C&G, SIDEWALK, AND DRIVEWAY. INCLUDES SAW CUTTING WHERE NECESSARY.  
(M2) = CONSTRUCT MODIFIED TYPE VII PER DETAIL A ON SHEET 13.  
(M3) = CONSTRUCT TYPE PL-I (APPROACH ONLY), INCLUDES PCC RETAINING CURB ADJACENT TO DRIVEWAYS AND DRIVEWAY MATCH-UPS WHEN REQUIRED
- CONSTRUCT PEDESTRIAN RAMP PER CITY STD 304 WITH THE FOLLOWING TYPE:  
(I) = TYPE I (II) = TYPE II (II-A) = TYPE II-A (III) = TYPE III  
(V) = TYPE IV (VI) = TYPE V (VI) = TYPE VI (VII) = TYPE VII  
(M1) = MODIFIED TYPE I, ELIMINATE TWO WINGS AND REPLACE WITH 6" WIDE VARIABLE HEIGHT RETAINING CURB.  
(M2) = MODIFIED TYPE VII RAMP AND MODIFICATIONS PER DETAIL C ON SHEET 13.  
(M3) = MODIFIED TYPE II, ELIMINATE ONE WING AND REPLACE WITH 6" WIDE VARIABLE HEIGHT RETAINING CURB.  
(M4) = MODIFIED TYPE VII RAMP AND MODIFICATIONS PER DETAIL A ON SHEET 9.  
(M5) = MODIFIED TYPE VII RAMP AND MODIFICATIONS PER DETAIL B ON SHEET 9.
- CONSTRUCT SIDEWALK PER CITY STD 325 WITH THE FOLLOWING MODIFICATION (---):  
(M1) = CONSTRUCT PROPERTY LINE SIDEWALK WITH THICKNESS OF 6 INCHES.  
(M2) = SAWCUT EXISTING PANEL AND CONSTRUCT CITY STD SIDEWALK, DIMENSIONS PER PLAN.
- RECONSTRUCT TOP OF CATCH BASIN PER CITY STD 400, TYPE I, WIDTH PER PLAN. CONTRACTOR SHALL SAW CUT, REMOVE AND DISPOSE EXISTING CATCH BASIN TOP, DOWEL AND EPOXY THE NEW CATCH BASIN TOP TO EXISTING STRUCTURE.
- REBUILD STREET SECTION WITH A MINIMUM OF 0.35' DGAC BASE COURSE, 0.03' ARAM AND 0.12' DGAC/ARHM CAP. WHEN EXISTING PAVEMENT THICKNESS EXCEEDS 0.4', CONTRACTOR SHALL INCREASE THE DGAC BASE COURSE SO THE PROPOSED STREET SECTION MATCHES THE EXISTING STREET ASPHALT THICKNESS.
- CONSTRUCT PARKWAY DRAIN PER CITY STD 410, TYPE AND SIZE PER PLAN.
- CONTRACTOR TO REMOVE AND REINSTALL ALL BENCHES, TRASH RECEPTACLES, BUS STOP SIGN.

LOCATION MAP  
NTS



- CONSTRUCT 60' LONG BY 12' WIDE CONCRETE BUS PAD (BUS PAD WIDTH MEASURED FROM MONOLITHIC CURB FACE), UNLESS OTHERWISE INDICATED ON PLANS, BASE OR SUBGRADE OR EXISTING PAD SHALL BE REMOVED AND COMPACTED AS NECESSARY TO INSTALL BUS PAD PER DETAIL IN PART 10 OF THE SPECIFICATIONS. ENGINEER SHALL BE NOTIFIED PRIOR TO POURING NEW CONCRETE.
- OVERLAY OR CONSTRUCT NEW FIBER REINFORCED ASPHALT CONCRETE (FRAC) PAVEMENT. REPLACEMENT DEPTH SHALL MATCH AC THICKNESS TO BE REMOVED UNLESS OTHERWISE NOTED.
- CLEAR DEBRIS/TRASH/DIRT FROM GUTTER AS PART OF CLEARING AND GRUBING.
- CONSTRUCT DRAIN PIPE- CORE NEW CURB AND INSTALL 3" PVC SDR-35 DRAIN PIPE, UNDER SIDEWALK. CONNECT NEW PIPE TO EXISTING PIPE BEHIND SIDEWALK.
- CONSTRUCT PCC RETAINING CURB, POURED MONOLITHIC AT BACK OF SIDEWALK, INCLUDES HEIGHTS UP TO 18 INCHES.

RIVERSIDE



CALIFORNIA

PUBLIC WORKS DEPARTMENT  
2019/2020 SB-1 MAINTENANCE  
AND TRAFFIC IMPROVEMENTS

GENERAL CONSTRUCTION NOTES:

- THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TRAFFIC AS INDICATED IN THE ASSOCIATED PROJECT SPECIAL PROVISIONS.
- CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RIVERSIDE STANDARD DRAWINGS AND STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 2012 EDITION.
- EXISTING UTILITIES SHOWN ON THIS PLAN ARE PLOTTED FROM UTILITY RECORDS. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO LOCATE AND PROTECT ALL UTILITIES WHETHER OR NOT SHOWN ON THIS PLAN.
- ALL STREET PULL BOXES, AFFECTED BY CONSTRUCTION, SHALL BE ADJUSTED TO THE PROPOSED GRADE. A NEW BOX WILL BE SUPPLIED BY THE CITY IF THE PULL BOX OR WATER METER BOX IS DAMAGED OR NOT PER CURRENT CITY STANDARD SPECIFICATIONS. HOWEVER, THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING THE CITY FURNISHED ITEM FROM THE CITY'S CORPORATION YARD LOCATED AT 8095 LINCOLN AVENUE.
- PRIME CONTRACTOR BIDDING THIS WORK SHALL HAVE A CLASS "A" OR "C-12".
- THE SEAM BETWEEN PASSES OF THE AC OVERLAY SHALL COINCIDE, AS CLOSE AS POSSIBLE, TO THE LANE LINES.
- COLD MILLING SHALL BE AS DESCRIBED ON THE PLANS AND SPECIAL PROVISIONS OR AS DIRECTED BY THE ENGINEER.
- ANY DISTRESSED EXISTING PAVEMENT SHALL BE REMOVED AND REPLACED AS DIRECTED BY THE ENGINEERING AFTER COLD-MILLING AND PRIOR TO PLACEMENT OF DGAC.
- CONTRACTOR SHALL REMOVE ALL VEGETATION AND CLEAR ALL DIRT WITHIN ALL SIDEWALK PANELS AND TREE WELLS WITHIN THE PROJECT LIMITS.
- ALL EXISTING IMPROVEMENTS SHOWN HEREON SHALL BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED.
- EXISTING IRRIGATION SHALL BE PROTECTED OR MODIFIED AS NECESSARY TO CONSTRUCT NEW CONCRETE IMPROVEMENTS.
- SEE STRIPING & TRAFFIC SIGNAL PLANS FOR REMOVAL, REPLACEMENT, AND RELOCATION OF EXISTING SIGNING, STRIPING, LOOPS, AND TRAFFIC EQUIPMENT.
- ADEQUATE FLOW LINES SHALL BE MAINTAINED AT ALL LOCATIONS.
- IF EXCESS GRINDING OF TREE ROOTS IS REQUIRED, A SPECIAL INSPECTION FROM THE LANDSCAPING DIVISION IS REQUIRED FOR ANALYSIS OF POTENTIAL IMPACT.

MAINTENANCE/SIGNING & STRIPING INDEX (R-4483)

SHEET NO.	DESCRIPTION
CONSTRUCTION PLANS:	
01	TITLE SHEET AND NOTES
02	LOCATION 1 (AINSWORTH PL AND HARDWICKE DR)
03	LOCATION 2 (RAMONA DR AND CITY COLLEGE DR)
04-05	LOCATION 3 (LA SIERRA AV)
06-07	LOCATION 4 (ADAMS ST)
08	LOCATION 5 (ORLANDO DR, CITADEL CT, TEMECULA PL, GALWAY CT, SILVERADO PL, WARREN ST)
09	LOCATION 5 (WARREN ST, REMINGTON DR, MODESTO DR, AND DANIEL DR)
SIGNING, STRIPING, AND LOOP PLANS:	
10	TRAFFIC LEGENDS, NOTES, AND DETAILS
11	LOCATION 1 (AINSWORTH PL AND HARDWICKE DR)
12	LOCATION 5 (ORLANDO DR, CITADEL CT, TEMECULA PL, GALWAY CT, SILVERADO PL, WARREN ST)
13	LOCATION 5 (WARREN ST, REMINGTON DR, MODESTO DR, AND DANIEL DR)

TRAFFIC PLAN INDEX (XL-059A)

SHEET NO.	DESCRIPTION
1	LOCATION 2 (RAMONA DRIVE FROM MAGNOLIA AVE TO OLIVEWOOD AVE)

TRAFFIC PLAN INDEX (XL-071A)

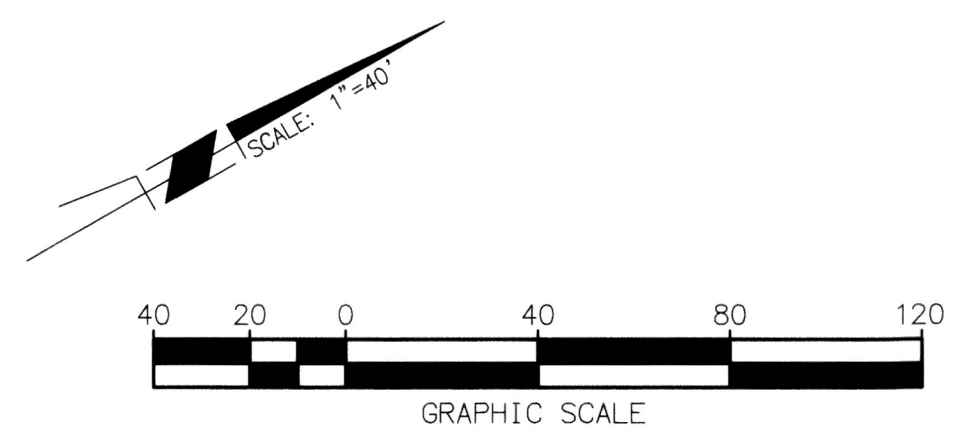
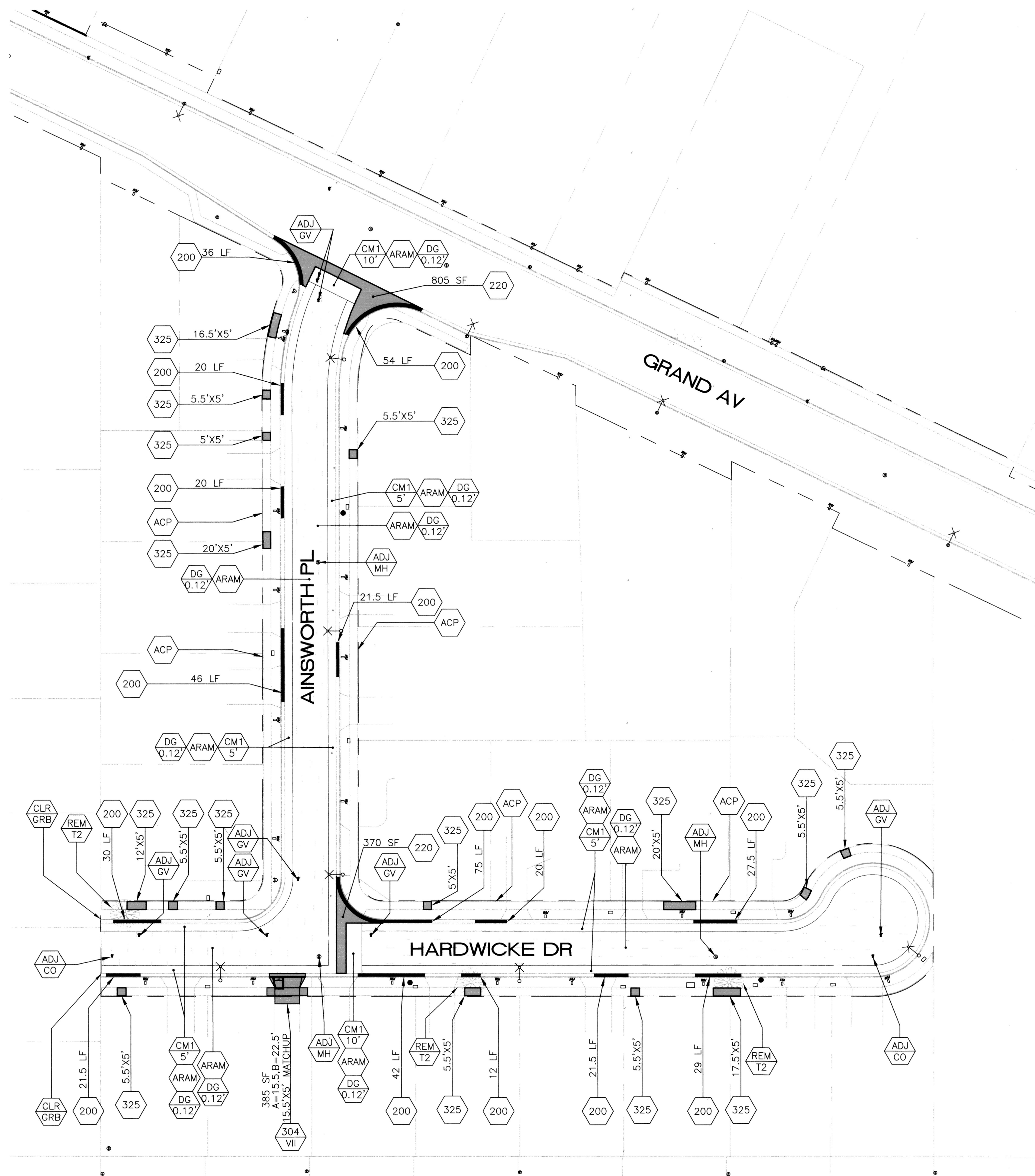
SHEET NO.	DESCRIPTION
1-2	LOCATION 3 (LA SIERRA AVE FROM HOLE AVE/PIERCE ST TO GRAMERCY PLACE)




TRAFFIC PLAN INDEX (XL-366A)

SHEET NO.	DESCRIPTION
1-2	LOCATION 4 (ADAMS STREET FROM INDIANA AVE TO VICTORIA AVE)

			<b>ENGINEER IN RESPONSIBLE CHARGE</b> Tsang Huang R.C.E. No. 85843 EXPIRES: 9-30-22 DATE: 5/10/23		<b>CITY OF RIVERSIDE, CALIFORNIA</b> <b>DEPARTMENT OF PUBLIC WORKS</b> APPROVED BY: [Signature] BY: FM DATE: 10/22/20 CONSTRUCTION ADMIN. [Signature] CITY ENGINEER TRAFFIC DIVISION [Signature] SURVEY [Signature] STREETS [Signature]	<b>STREET MAINTENANCE</b> <b>2019/2020 SB-1 MAINTENANCE AND TRAFFIC IMPROVEMENTS</b> <b>TITLE SHEET AND NOTES</b> HORIZ. SCALE: NA VERT. SCALE: NA	DESIGN WORK ORDER NO.: 2002732 CONSTR. WORK ORDER NO.: 2002733 <b>R-4483</b> SHEET <b>01</b> OF <b>13</b> FILE NAME: R4483-01.DWG
--	--	--	--	--	---	---	---



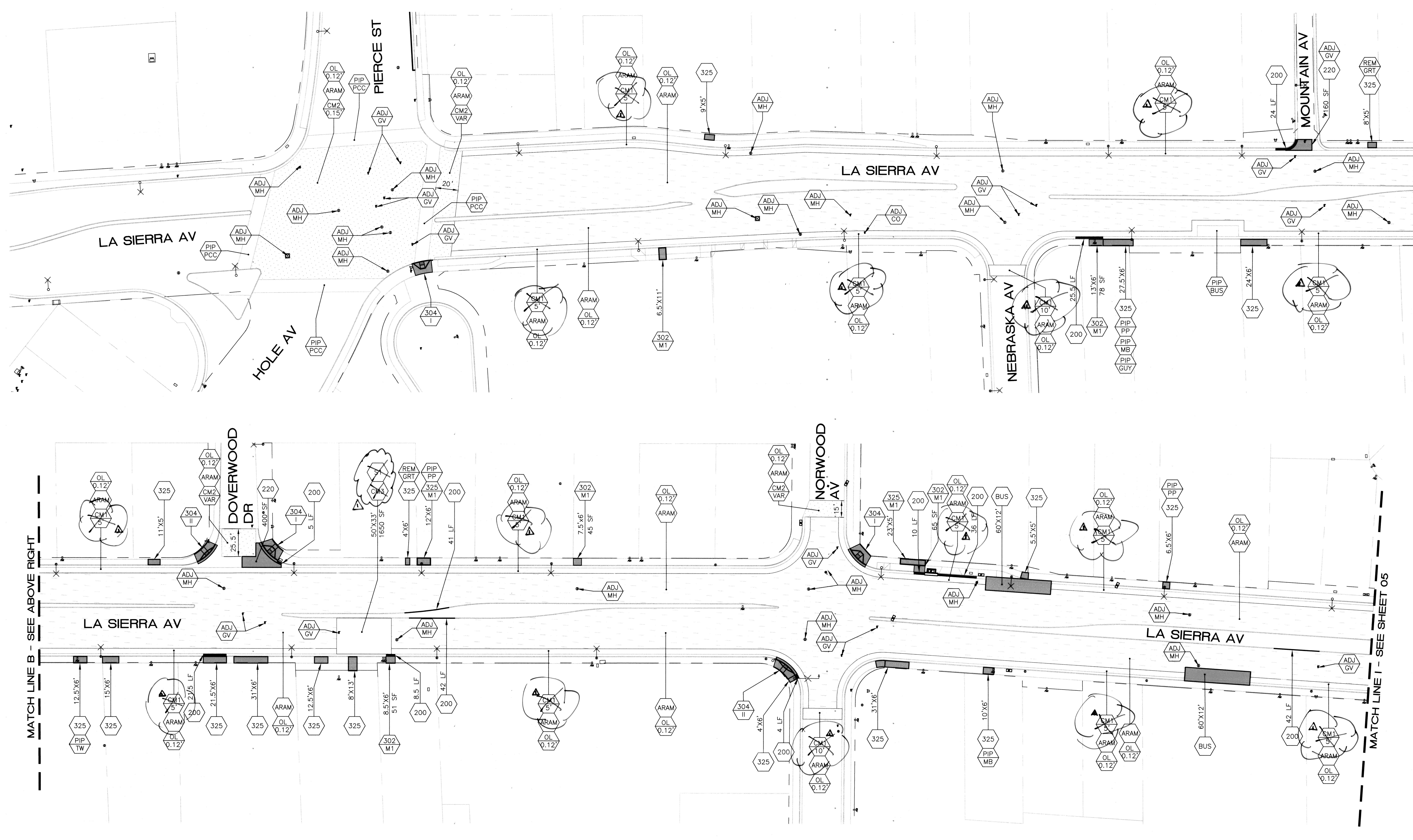


 <b>Under Ground Service Alert</b> of Southern California Call: TOLL FREE 1-800 227-2600 TWO WORKING DAYS BEFORE YOU DIG	 <b>ENGINEER IN RESPONSIBLE CHARGE</b> Tsang Huang R.C.E. No. 85843 EXPIRES: 9-30-22 DATE 10/14/2020		As Builts 5/01/23 B.O.			
			<b>CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS</b>			
			APPROVED BY ENGINEERING MANAGER CONSTRUCTION ADMIN. TRAFFIC DIVISION SURVEY STREETS	BY FM DC NM BS	DATE 10/22/20 10/22/20 10/22/20 10/22/20	APPROVED BY CITY ENGINEER
			DESIGNED BY AR	DRAWN BY AR	CHECKED BY TH	
			<b>STREET MAINTENANCE</b>		<b>2019/2020 SB-1 MAINTENANCE AND TRAFFIC IMPROVEMENTS</b>	
			<b>LOCATION 1</b>		<b>R-4483</b>	
			HORIZ. SCALE: 1"=40'		VERT. SCALE: N/A	
			SHEET 02 OF 13		FILE NAME: R4483-02.DWG	





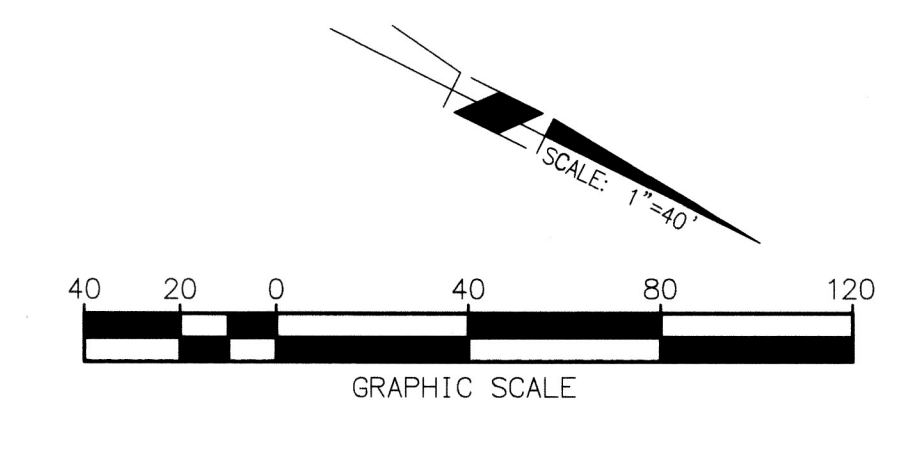




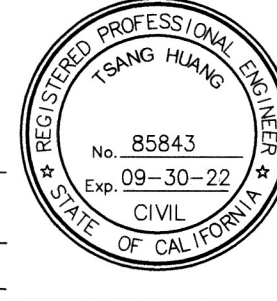
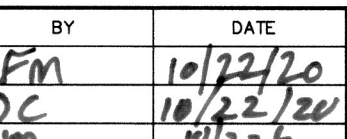
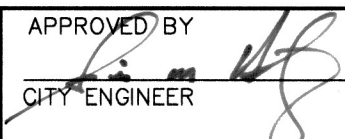


MATCH LINE B - SEE ABOVE RIGHT

MATCH LINE I - SEE SHEET 05

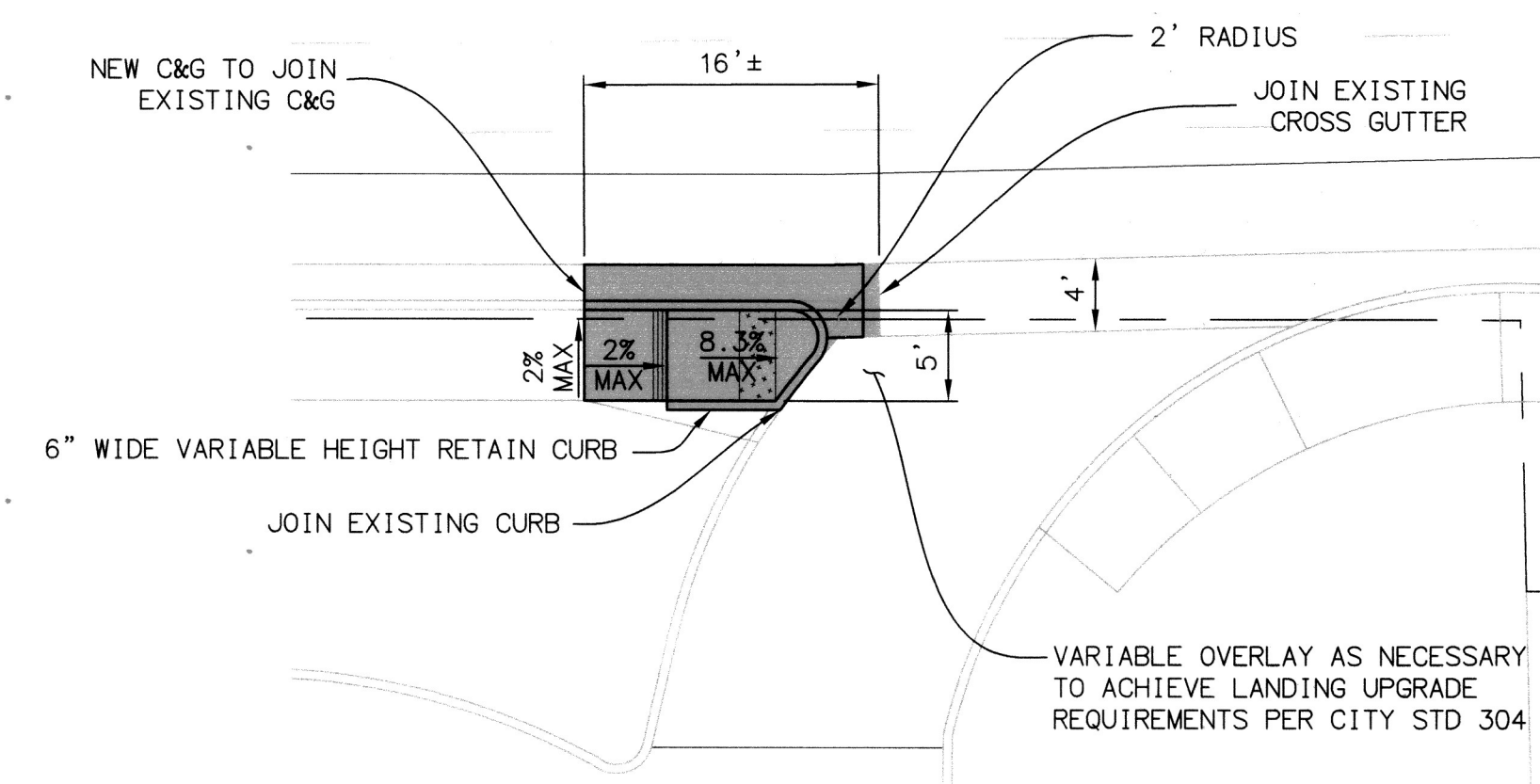
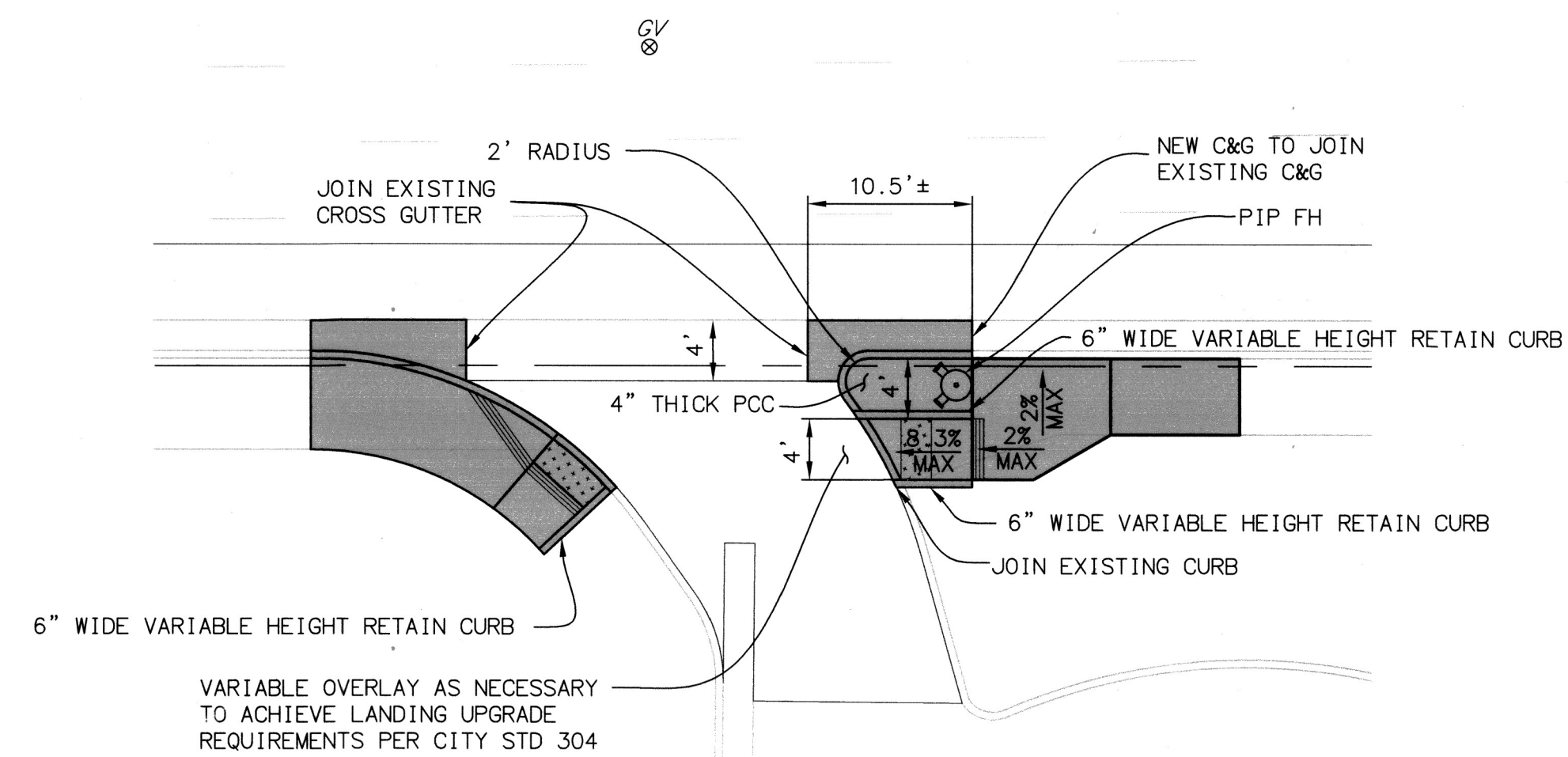
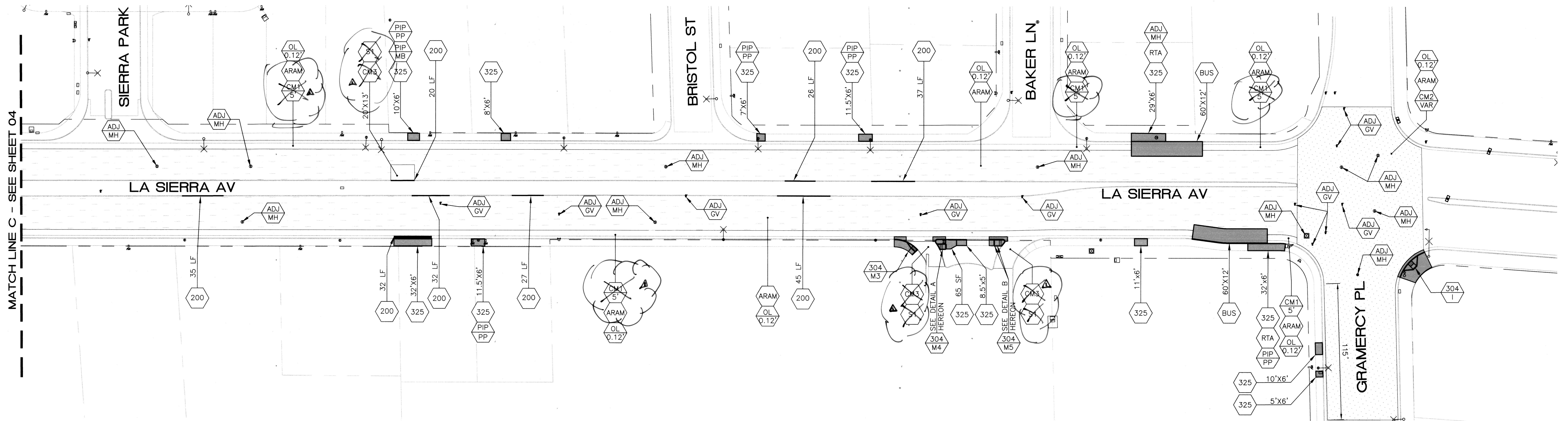
MATCH LINE B - SEE BELOW LEFT



 <b>Under Ground Service Alert</b> of Southern California Call: TOLL FREE 1-800 227-2600 TWO WORKING DAYS BEFORE YOU DIG	 <b>ENGINEER IN RESPONSIBLE CHARGE</b> Tsang Huang R.C.E. No. 85843 EXPIRES: 9-30-22 DATE 10/14/2020		AS BUILTS 5/01/23 B.O				CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS		STREET MAINTENANCE		DESIGN WORK ORDER NO.: 2002732 CONSTR. WORK ORDER NO.: 2002733
			APPROVED BY:  DATE: 10/22/20		APPROVED BY:  DATE: 08-22-2020		2019/2020 SB-1 MAINTENANCE AND TRAFFIC IMPROVEMENTS		R-4483		
			MARK: Revision Payment Rehab		TRAFFIC DIVISION: NM		LOCATION 3		SHEET 04 OF 13		
			DESIGNED BY: AR		DRAWN BY: AR		HORIZ. SCALE: 1"=40'		FILE NAME: R4483-04.DWG		

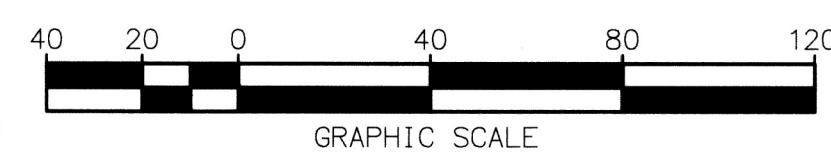
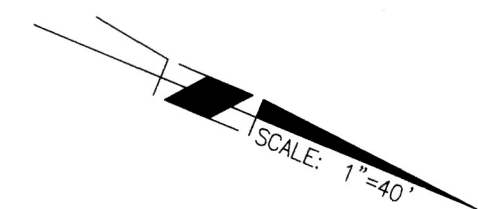


MATCH LINE C - SEE SHEET 04

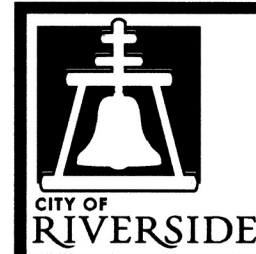


304  
M4  
**DETAIL "A"**  
N.T.S.

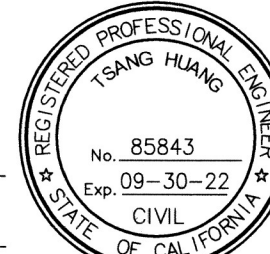
304  
M5  
**DETAIL "B"**  
N.T.S.



Under  
Ground  
Service Alert  
of Southern California  
Call: TOLL FREE  
1-800  
227-2600  
TWO WORKING DAYS BEFORE YOU DIG



**ENGINEER IN  
RESPONSIBLE CHARGE**  
Tsang Huang  
R.C.E. No. 85843 EXPIRES: 9-30-22  
DATE 10/14/2020



DESIGNED BY	AR	DRAWN BY	AR	CHECKED BY	TH
REVISIONS	1. Revised Payment Rehab				
APPR.	DATE	APPR.	DATE	APPR.	DATE
52	6/28/20	52	6/28/20	52	6/28/20

As Built 5/10/23 B.O

**CITY OF RIVERSIDE, CALIFORNIA  
DEPARTMENT OF PUBLIC WORKS**

APPROVED BY	BY	DATE	APPROVED BY	BY	DATE
ENGINEERING MANAGER	FM	10/22/20	CITY ENGINEER	FM	10/22/20
CONSTRUCTION ADMIN.	DC	10/22/20			
TRAFFIC DIVISION	NM	10/22/20			
SURVEY	CD	10/22/20			
STREETS					

**STREET MAINTENANCE**

**2019/2020 SB-1 MAINTENANCE  
AND TRAFFIC IMPROVEMENTS**

**LOCATION 3**

HORIZ. SCALE: 1"=40' VERT. SCALE: N/A

DESIGN WORK ORDER NO.: 2002732  
CONSTR. WORK ORDER NO.: 2002733

**R-4483**

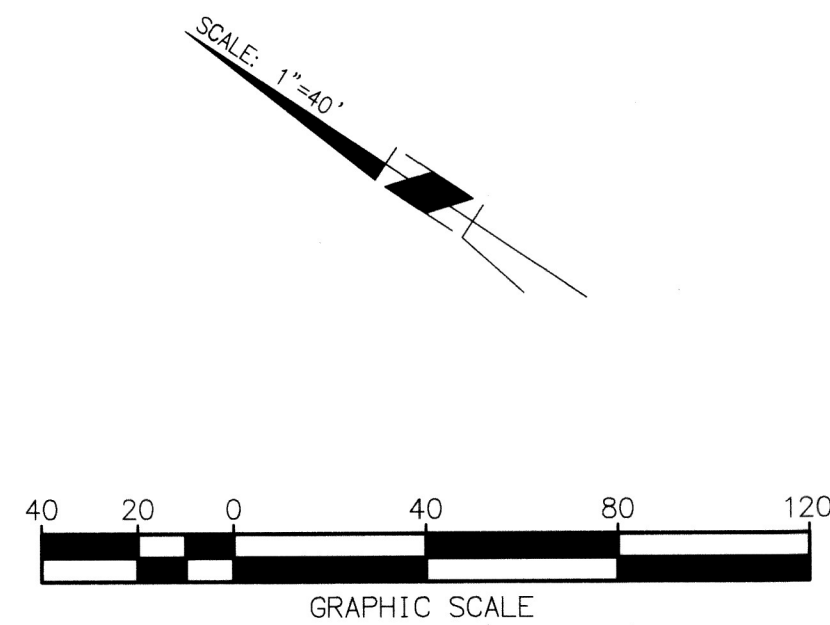
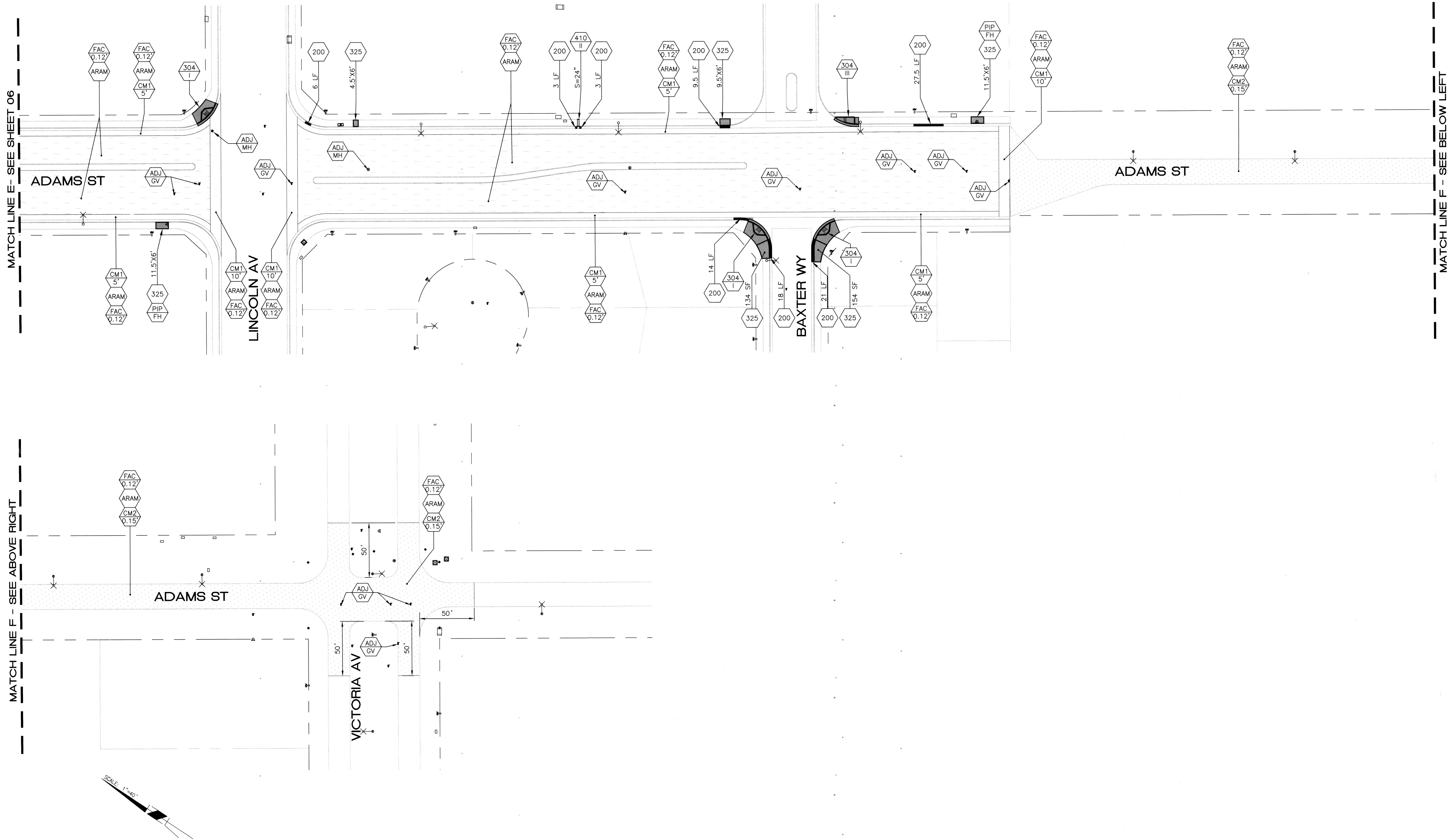
SHEET **05** OF **13**

FILE NAME: R4483-05.DWG





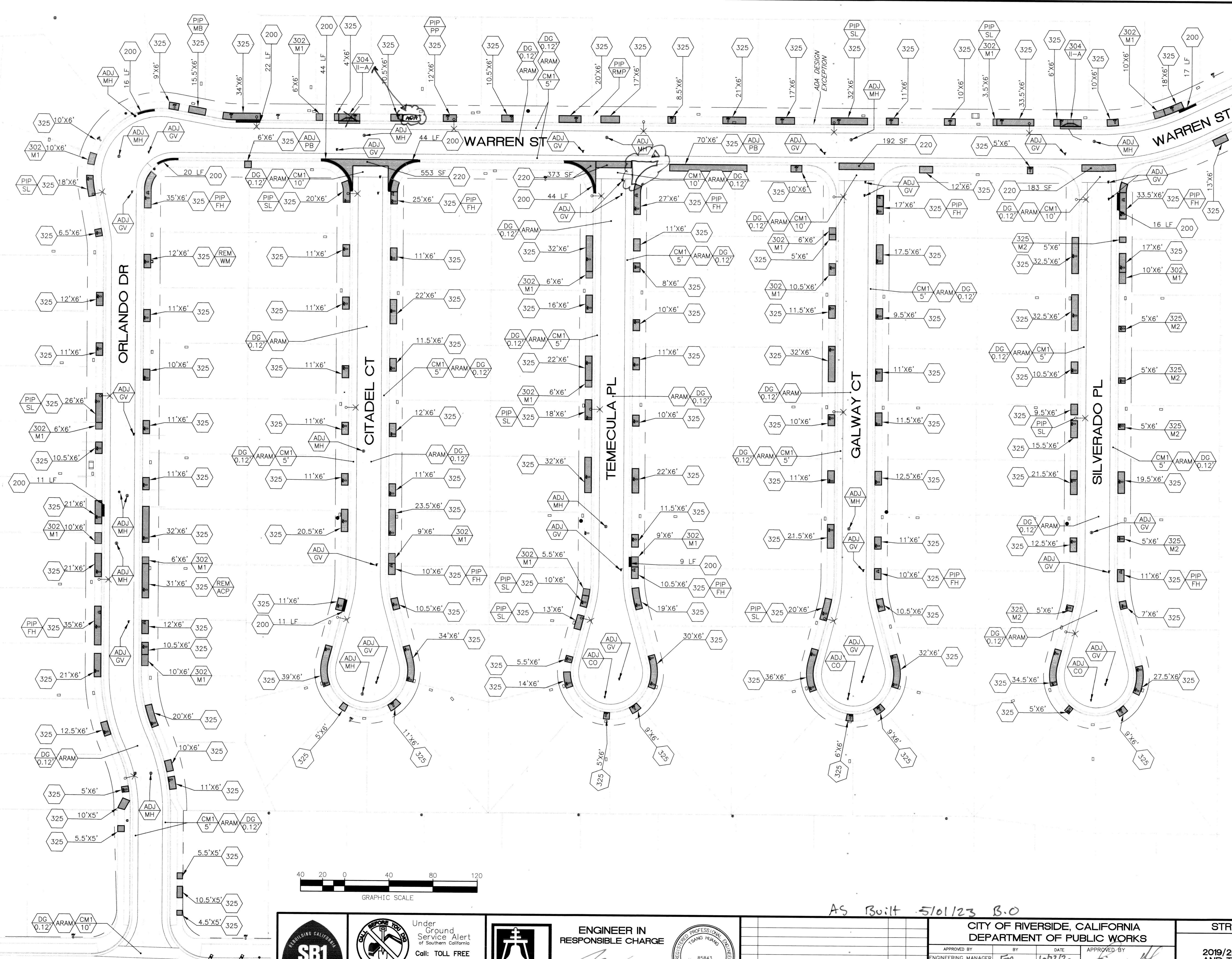




As Built 5/11/23 B.O

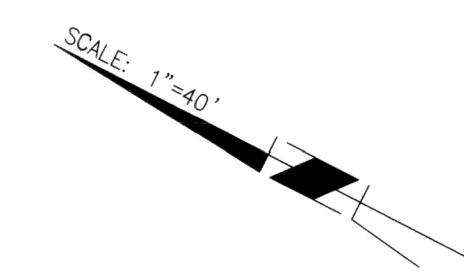
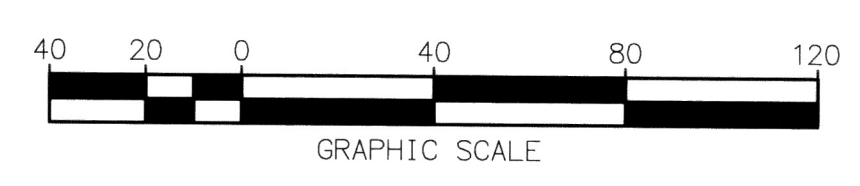
		<p>Under Ground Service Alert of Southern California</p> <p>Call: TOLL FREE 1-800-227-2600</p> <p>TWO WORKING DAYS BEFORE YOU DIG</p>		<p><b>ENGINEER IN RESPONSIBLE CHARGE</b></p> <p>Tsang Huang</p> <p>R.C.E. No. 85843 EXPIRES: 9-30-22</p> <p>DATE: 10/14/2020</p>		<p><b>CITY OF RIVERSIDE, CALIFORNIA</b></p> <p><b>DEPARTMENT OF PUBLIC WORKS</b></p>				<p><b>STREET MAINTENANCE</b></p>		<p>DESIGN WORK ORDER NO.: 2002732</p> <p>CONSTR. WORK ORDER NO.: 2002733</p>	
						<p>APPROVED BY: <i>[Signature]</i> DATE: 10/22/20</p> <p>ENGINEERING MANAGER: <i>[Signature]</i> DATE: 10/22/20</p> <p>CONSTRUCTION ADMIN.: <i>[Signature]</i> DATE: 10/22/20</p> <p>TRAFFIC DIVISION: <i>[Signature]</i> DATE: 10/22/20</p> <p>SURVEY: <i>[Signature]</i> DATE: 10/22/20</p> <p>DESIGNED BY: AR DRAWN BY: AR CHECKED BY: TH</p>				<p><b>2019/2020 SB-1 MAINTENANCE AND TRAFFIC IMPROVEMENTS</b></p>		<p><b>R-4483</b></p>	
						<p><b>LOCATION 4</b></p>		<p>SHEET <b>07</b> OF <b>13</b></p>		<p>FILE NAME: R4483-07.DWG</p>			

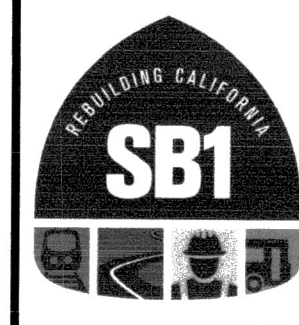
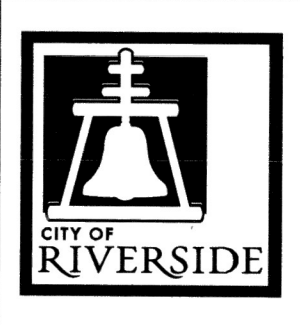





MATCH LINE C - SEE SHEET 09

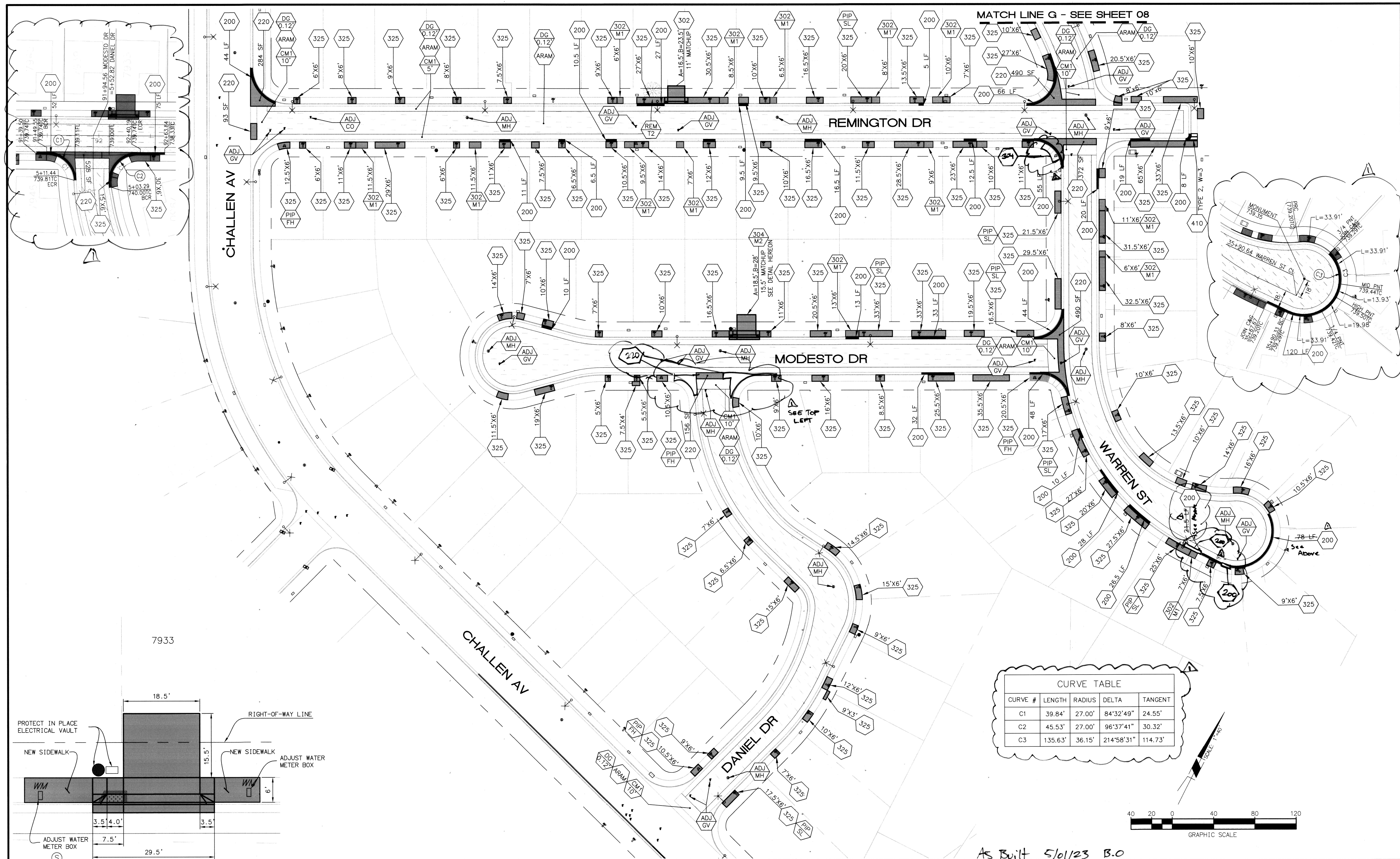
CHALLENGE AV



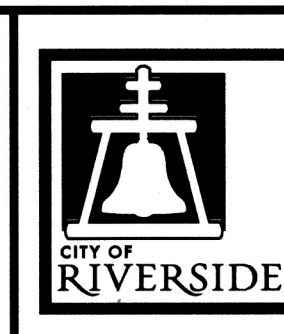
 Under Ground Service Alert Call: TOLL FREE 1-800-227-2600 TWO WORKING DAYS BEFORE YOU DIG	 ENGINEER IN RESPONSIBLE CHARGE Tsung Huang R.C.E. No. 85843 EXPIRES: 9-30-22 DATE: 10/14/2020	 DESIGNED BY: AR DRAWN BY: AR CHECKED BY: TH	CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS		STREET MAINTENANCE		DESIGN WORK ORDER NO.: 2002732 CONSTR. WORK ORDER NO.: 2002733  R-4483 SHEET 08 OF 13 FILE NAME: R4483-08.DWG
			APPROVED BY: [Signature] ENGINEERING MANAGER CONSTRUCTION ADMIN. TRAFFIC DIVISION STREETS	BY: FM DATE: 10/22/20 10/22/20 10/22/20	APPROVED BY: [Signature] CITY ENGINEER DATE: OCT. 24, 2020	2019/2020 SB-1 MAINTENANCE AND TRAFFIC IMPROVEMENTS  LOCATION 5 HORIZ. SCALE: 1"=40' VERT. SCALE: N/A	

AS BUILT 5/10/23 B.O

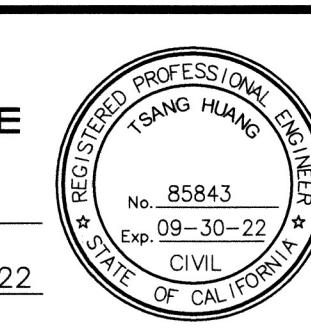




Under Ground Service Alert  
of Southern California  
Call: TOLL FREE  
1-800  
227-2600  
TWO WORKING DAYS BEFORE YOU DIG



**ENGINEER IN RESPONSIBLE CHARGE**  
Tsang Huang  
R.C.E. No. 85843 EXPIRES: 9-30-22  
DATE: 10/14/2020



DESIGNED BY: AR DRAWN BY: AR CHECKED BY: TH  
APPROVED BY: *En* DATE: 10/23/20  
CONSTRUCTION ADMIN. *En* DATE: 10/23/20  
TRAFFIC DIVISION *En* DATE: 10/23/20  
SURVEY *En* DATE: 10/23/20  
STREETS

**CITY OF RIVERSIDE, CALIFORNIA**  
**DEPARTMENT OF PUBLIC WORKS**  
APPROVED BY: *En* DATE: 10/23/20  
CONSTRUCTION ADMIN. *En* DATE: 10/23/20  
TRAFFIC DIVISION *En* DATE: 10/23/20  
SURVEY *En* DATE: 10/23/20  
STREETS

**STREET MAINTENANCE**  
**2019/2020 SB-1 MAINTENANCE AND TRAFFIC IMPROVEMENTS**  
**LOCATION 5**  
HORIZ. SCALE: 1"=40' VERT. SCALE: N/A  
DESIGN WORK ORDER NO.: 2002732  
CONSTR. WORK ORDER NO.: 2002733  
**R-4483**  
SHEET **09** OF **13**  
FILE NAME: R4483-09.DWG

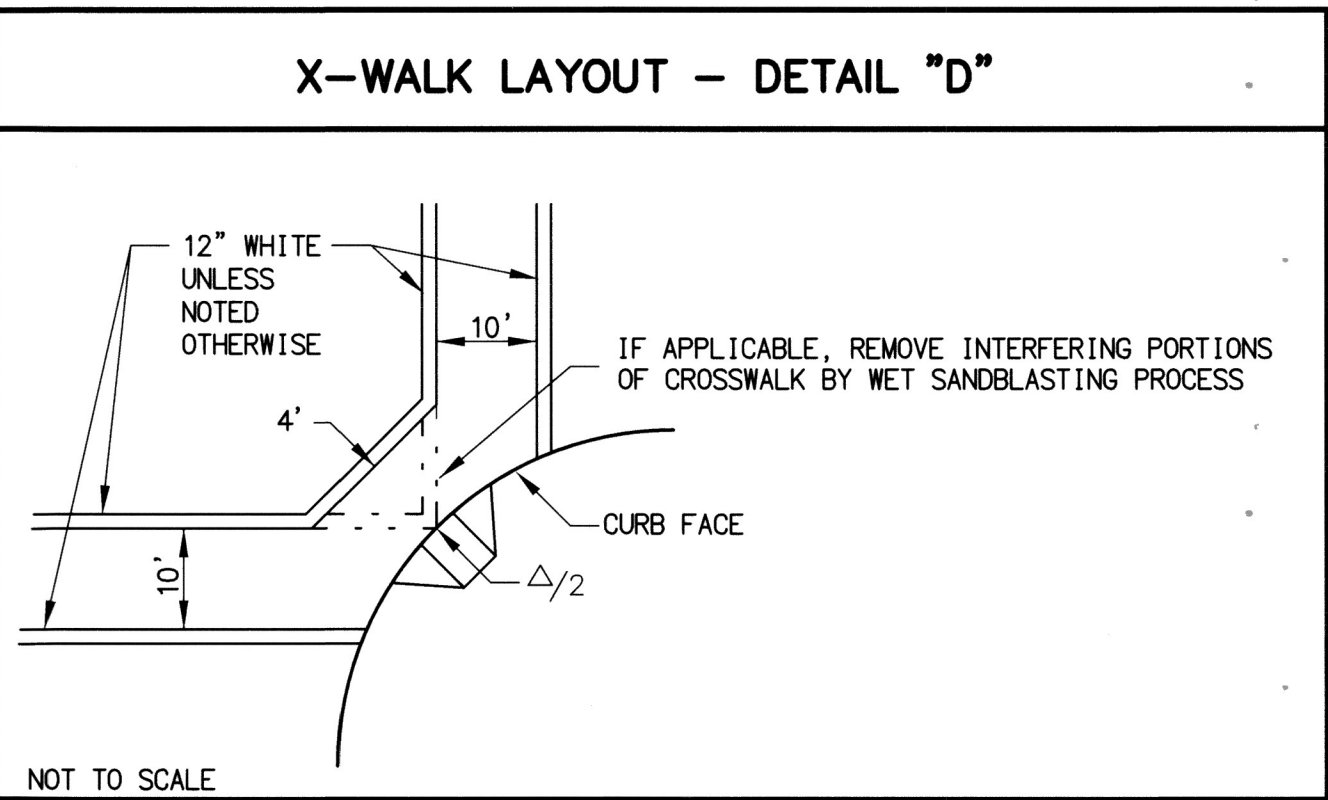
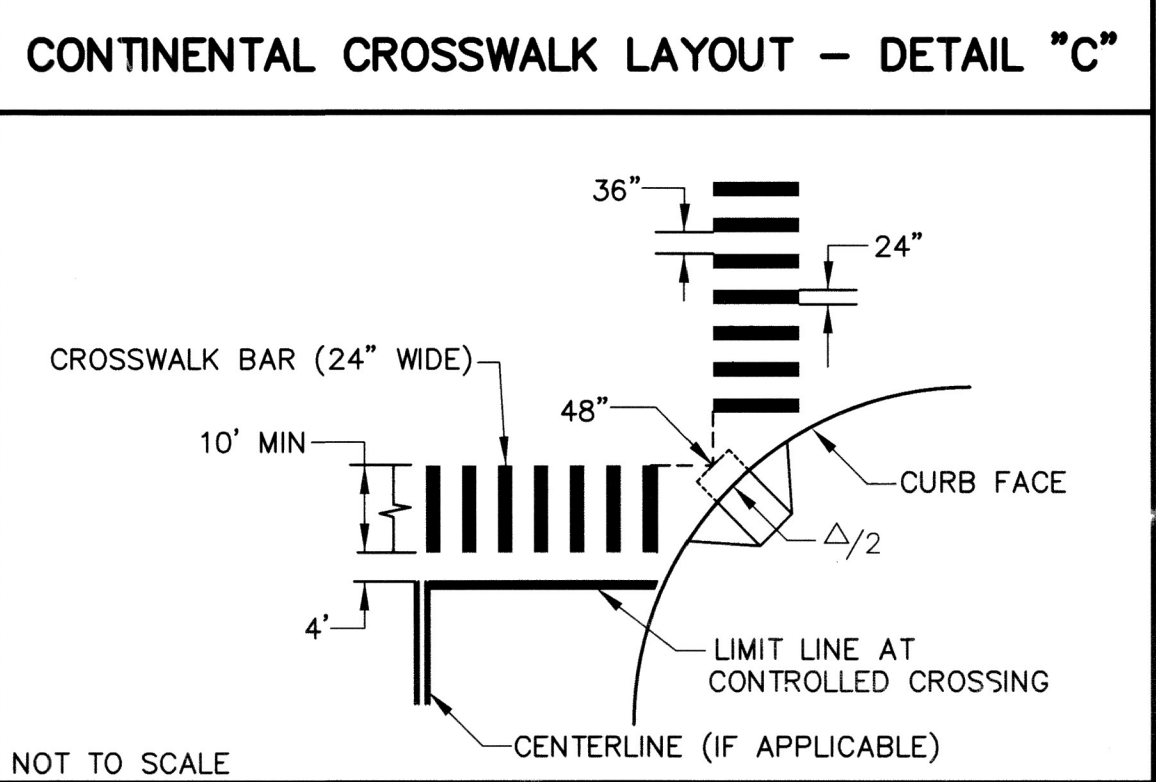
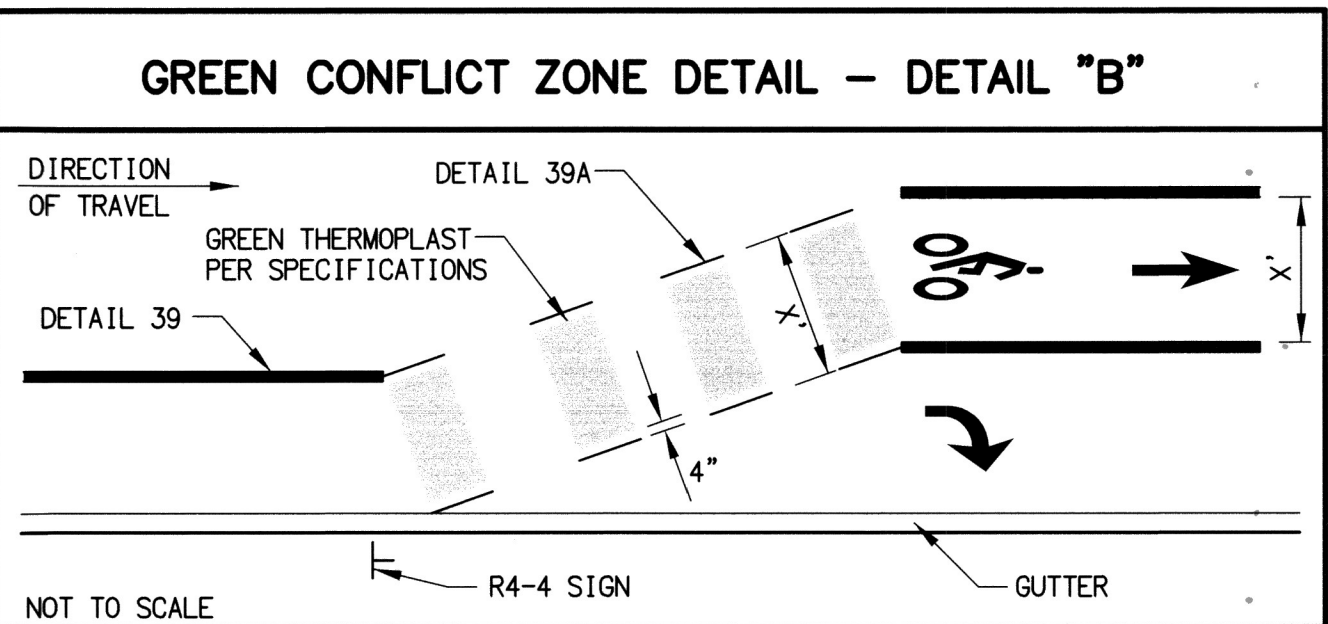
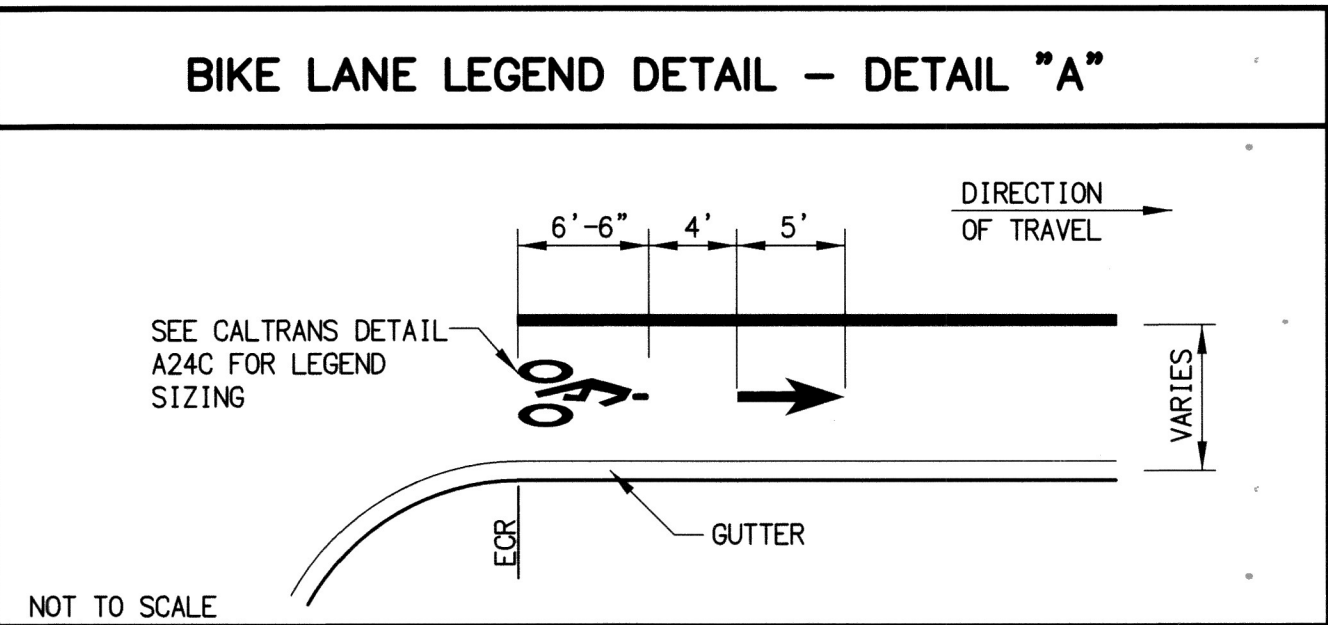


SIGNING AND STRIPING GENERAL NOTES:

- 1. SIGNING AND STRIPING INSTALLATIONS SHALL CONFORM TO THE 2014 CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CA MUTCD), THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS) STANDARD PLANS AND SPECIFICATIONS DATED 2018, AND ALL ADDENDUMS THERETO, AND THE CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT STANDARD DRAWINGS, CURRENT EDITION.
- 2. ALL STRIPING, MARKINGS, AND LEGENDS SHALL BE REFLECTORIZED THERMOPLASTIC UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL PROVIDE AND INSTALL RAISED PAVEMENT MARKERS FOR ALL STRIPING. STRIPING, MARKINGS AND LEGENDS SHALL CONFORM TO THE LATEST CALTRANS STANDARD PLANS A20A THRU A20D AND A24A THRU A24E.
- 3. PRIOR TO FINAL ACCEPTANCE OF STREET IMPROVEMENTS, ALL PAVEMENT 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 RIVERSIDE.
- 4. THE CONTRACTOR SHALL RE-STRIPE EXISTING STRIPING AND CURB MARKINGS OBLITERATED BY NEW CONSTRUCTION, WHETHER OR NOT SHOWN ON THE PLANS FOR REPLACEMENT, AT NO COST TO THE CITY.
- 5. AT LOCATIONS WHERE EXISTING PAINTED CURB IS TO BE RECONSTRUCTED, THE CONTRACTOR SHALL PAINT THE NEW CURB AS SHOWN ON THE PLANS WITHIN 10 WORKING DAYS OF CURB CONSTRUCTION OR AS DIRECTED BY ENGINEER. THE PAINT SHALL BE WATER-BASED WITH 2-YEAR GUARANTEE AGAINST COLOR FADING. PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO THE CITY WRITTEN PROOF OF THE MANUFACTURER'S 2-YEAR GUARANTEE.
- 6. ALL NEW STRIPING SHALL BE "CAT TRACKED" AND APPROVED BY THE ENGINEER PRIOR TO FINAL INSTALLATION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AFTER COMPLETING LAYOUT AND AT LEAST 3 WORKING DAYS BEFORE COMMENCING INSTALLATION OF STRIPING, MARKINGS AND MARKERS.
- 7. TRAFFIC SIGN FACE SHALL BE 3M DIAMOND GRADE DG3 REFLECTIVE SHEETING (ASTM XI) OR APPROVED EQUAL WITH PROTECTIVE GRAFFITI OVERLAY FILM OR AS OTHERWISE NOTED. ALL WARNING SIGNS SHALL HAVE A FLUORESCENT YELLOW BACKGROUND AND SCHOOL SIGNS NOTED SHALL HAVE A FLUORESCENT YELLOW-GREEN BACKGROUND.
- 8. SIGNS SHALL BE STANDARD SIZE UNLESS NOTED OTHERWISE. PRIOR TO INSTALLATION, NEW SIGNS SHALL BE APPROVED BY THE CITY OF RIVERSIDE. EXACT LOCATIONS OF SIGNS SHALL BE DETERMINED BY THE CITY ENGINEER.
- 9. ALL EXISTING SIGNS AND POSTS TO BE REMOVED SHALL BE DELIVERED TO THE CITY OF RIVERSIDE SIGN DEPARTMENT.
- 10. WHEN PAINT IS SPECIFIED, TRAFFIC STRIPES AND MARKINGS SHALL BE APPLIED IN TWO COATS. A MINIMUM OF SEVEN DAYS SHALL BE PROVIDED BETWEEN FIRST AND SECOND COATS.
- 11. STRIPING SHALL BE APPLIED WITHIN 48 HOURS OF SURFACE COURSE REPLACEMENT ON STREETS OPEN TO THE PUBLIC. IN NO CASE SHALL A NEWLY PAVED STREET OPEN TO THE PUBLIC BE LEFT UNSTRIPED OVER A WEEKEND OR HOLIDAY.
- 12. CONTRACTOR SHALL INSTALL NEW SIGN(S) AND/OR POST(S) PER CITY OF RIVERSIDE STANDARD DRAWING No. 664, SEE SPECIFICATIONS. CONTRACTOR SHALL INSTALL NEW STREET NAME SIGNS AND POST PER CITY OF RIVERSIDE STANDARD DRAWING No. 662, SEE SPECIFICATIONS.
- 13. ALL CONFLICTING STRIPING, PAVEMENT MARKINGS, LEGENDS, AND RAISED PAVEMENT MARKERS SHALL BE REMOVED EVEN IF NOT SHOWN ON PLANS. REMOVALS OF PAINTED STRIPING, PAVEMENT MARKINGS AND LEGENDS SHALL BE DONE BY WET SANDBLASTING. REMOVALS OF THERMOPLASTIC STRIPING, PAVEMENT MARKINGS AND LEGENDS SHALL BE REMOVED BY WET SANDBLASTING, GRINDING OR OTHER APPROVED METHOD AND SHALL NOT DAMAGE THE PAVEMENT. "BLACK OUT" OF EXISTING DELINEATION IS NOT PERMITTED. ALL DAMAGED PAVEMENT DUE TO REMOVALS SHALL BE REPAIRED AS NECESSARY TO MAINTAIN A SMOOTH AND UNIFORM SURFACE OR AS DIRECTED BY THE ENGINEER. ALL STRIPING REMOVALS AND LEGENDS SHALL BE "FOG SEALED".
- 14. WHERE APPLICABLE, OUTBOUND LANE LINE DETAILS SHALL COMMENCE AT THE CROSSWALK, MEANING THE PAINTED PORTION OF THE DETAIL SHALL JOIN THE CROSSWALK.

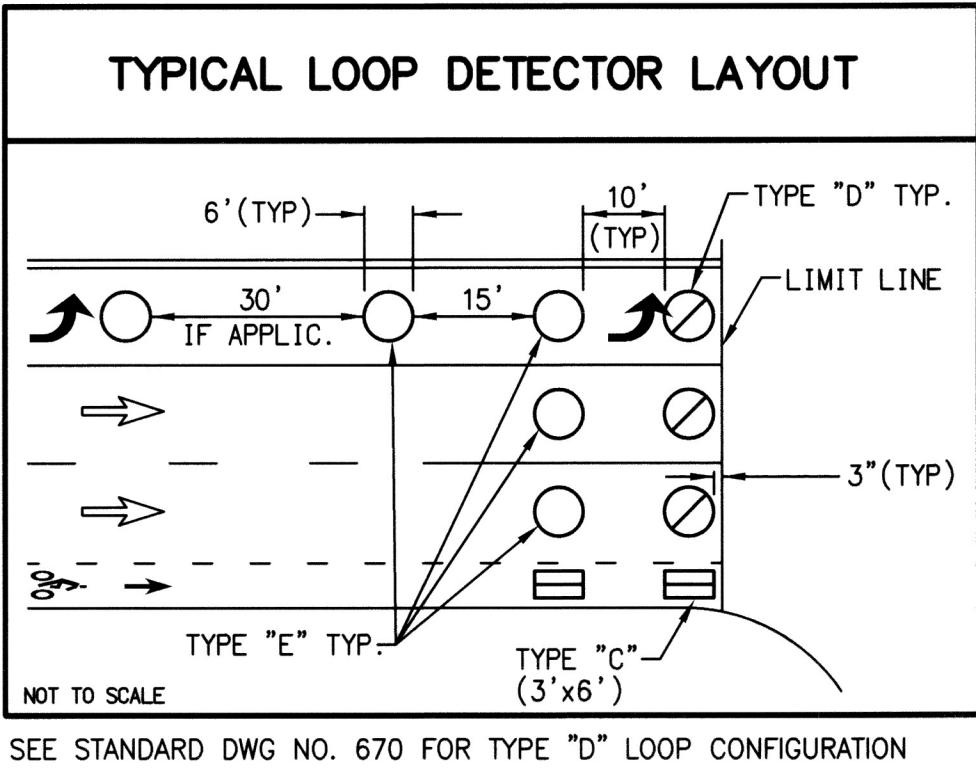
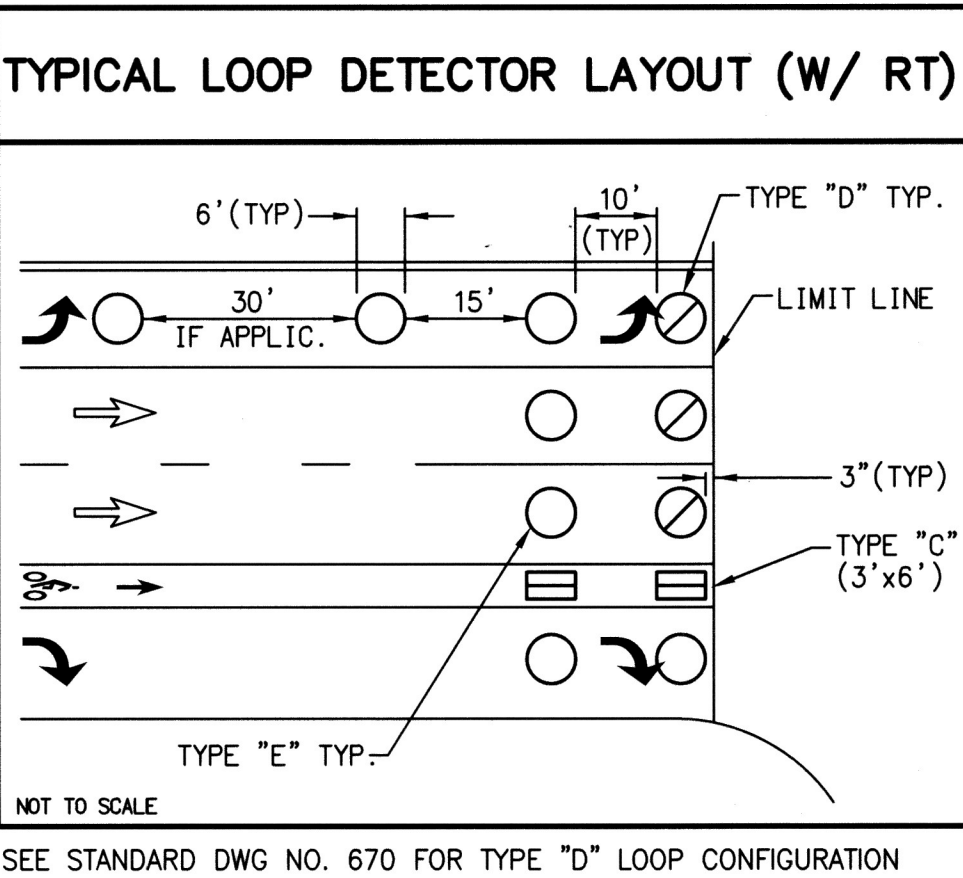
SIGNING AND STRIPING LEGEND AND CONSTRUCTION NOTES:

- [E] EXISTING TO REMAIN.
- [SC] SPLICE TO EXISTING CONDUCTORS.
- [I] INSTALL LOOP DETECTOR AS NOTED ON PLAN.
- [#] INSTALL CALTRANS STRIPING DETAIL PER NUMBER NOTED, INCLUDING INSTALLATION OF RAISED PAVEMENT MARKERS.
- [PM] INSTALL PAVEMENT MARKING OR ARROW AS NOTED.
- [RP] REMOVE ALL EXISTING CONFLICTING TRAFFIC STRIPING AND MARKINGS AS NOTED, INCLUDING RAISED PAVEMENT MARKERS.
- [RR] REMOVE AND REPLACE EXISTING SIGN POST WITH 2" SQUARE 12 GUAGE PERFORATED POST
- [IS] FURNISH AND INSTALL ROADSIDE SIGN(S) OR SNS WITH/WITHOUT POST
- [RS] REMOVE SIGN(S) WITH/WITHOUT POST AS NOTED ON PLAN
- [RL] RELOCATE EXISTING SIGN(S) TO EXISTING POST OR INSTALL POST (IF APPLICABLE)
- [S] EXISTING SIGNALIZED INTERSECTION
- [P] PROPOSED SIGN (ONE POST)
- [+ ] PROPOSED STREET NAME SIGN
- [P-] EXISTING SIGN (ONE POST)
- [P-] EXISTING/PROPOSED SIGN (ON STREET LIGHT)
- [+ ] EXISTING STREET NAME SIGN
- [SNS] STREET NAME SIGN
- [(12')] EXISTING WIDTH
- [12'] PROPOSED WIDTH

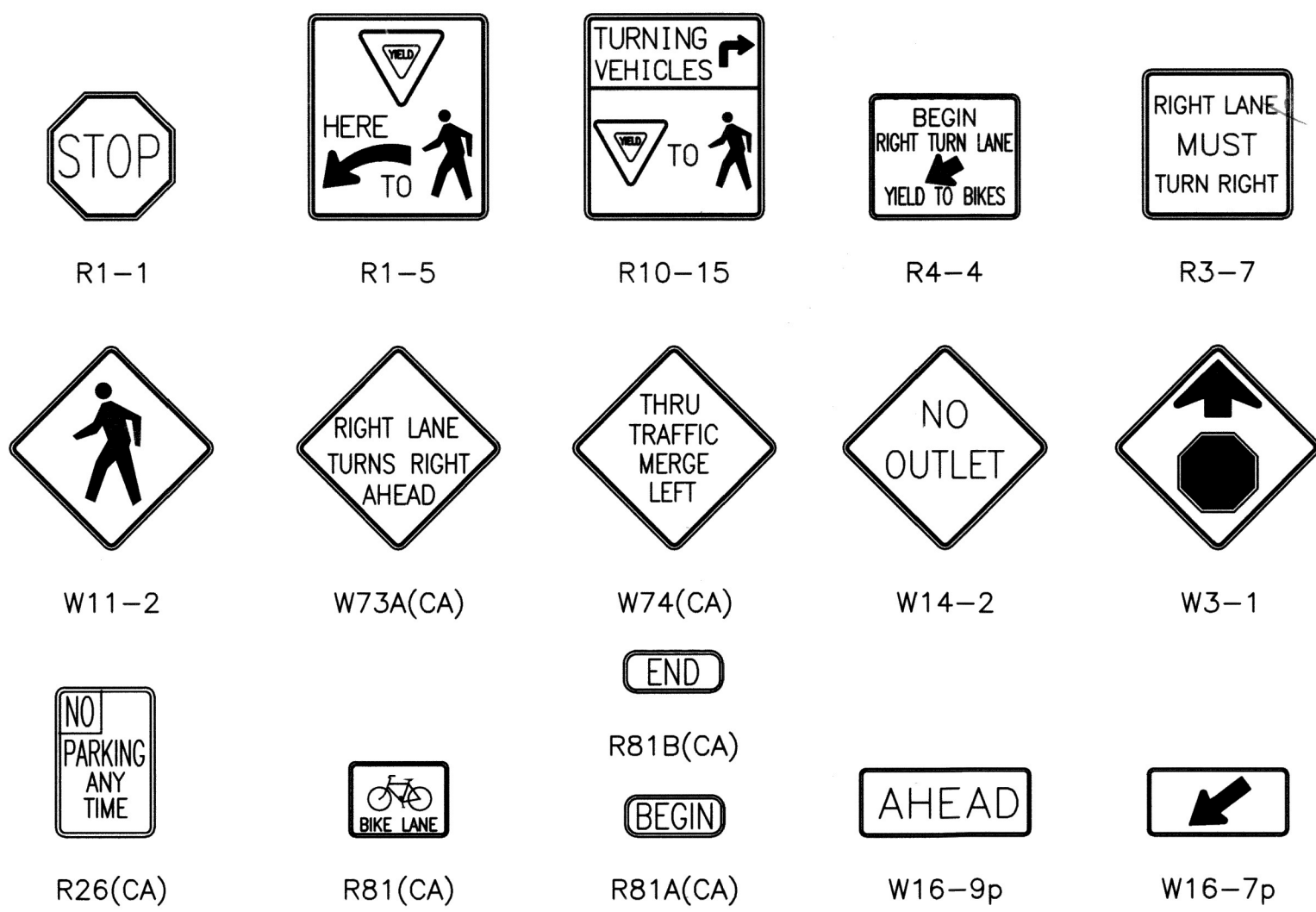


TRAFFIC SIGNAL GENERAL NOTES:

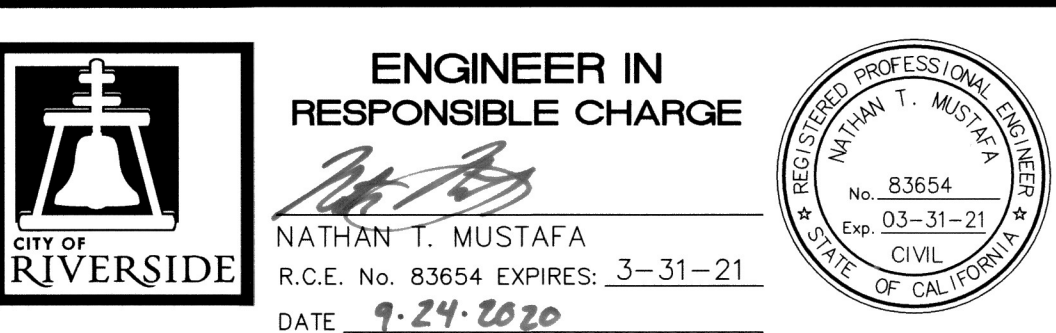
- 1. ALL ITEMS FURNISHED AND ALL WORK TO BE DONE SHALL CONFORM TO THE REQUIREMENTS OF: THE STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION (CALTRANS) STANDARD PLANS AND SPECIFICATIONS, DATED 2018; THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES ADOPTED 2014; AND THE SPECIAL PROVISIONS.
- 2. UTILITIES SHOWN ON THE PLAN ARE CORRECT AND ACCURATE TO THE EXTENT OF AVAILABLE RECORDS. THE CONTRACTOR IS REQUIRED TO TAKE STEPS TO ASCERTAIN THE EXACT LOCATION OF ALL KNOWN SUBSTRUCTURES PRIOR TO DOING WORK THAT MAY DAMAGE OR INTERFERE WITH SUCH FACILITIES ("UNDERGROUND SERVICE ALERT" (800) 227-2600).
- 3. UNLESS SHOWN OTHERWISE, INDUCTIVE LOOPS SHALL BE MODIFIED TYPE "D" & TYPE "E" WITH 10', 15' AND 30' SPACING IN THE DIRECTION OF TRAVEL. NECESSARY STRIPING SHALL BE LOCATED PRIOR TO POSITIONING LOOPS. LOOPS SHALL BE SEALED WITH HOT MELT SEALANT. SEE DETAIL.
- 4. UNDERGROUND SIGNAL CONDUCTORS SHALL NOT BE SPLICED.
- 5. THE CONTRACTOR SHALL VERIFY WITH THE ENGINEER THE PRECISE FIELD LOCATIONS OF ALL TRAFFIC SIGNAL EQUIPMENT PRIOR TO THE INSTALLATION.
- 6. ALL LANDSCAPING WHICH IS DAMAGED BY CONSTRUCTION ACTIVITIES SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE CITY AND THE PROPERTY OWNER.
- 7. DAMAGED SIDEWALK CONCRETE SHALL BE REPLACED PER CITY OF RIVERSIDE STANDARD.
- 8. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO FURNISH AND INSTALL ANY ADDITIONAL LOAD SWITCHES AND/OR DETECTOR CARDS, IF NECESSARY, FOR THE PROPOSED OPERATION.



ROADSIDE SIGNS (STANDARD SIZE):



2019/2020 SB-1 MAINTENANCE AND TRAFFIC IMPROVEMENTS



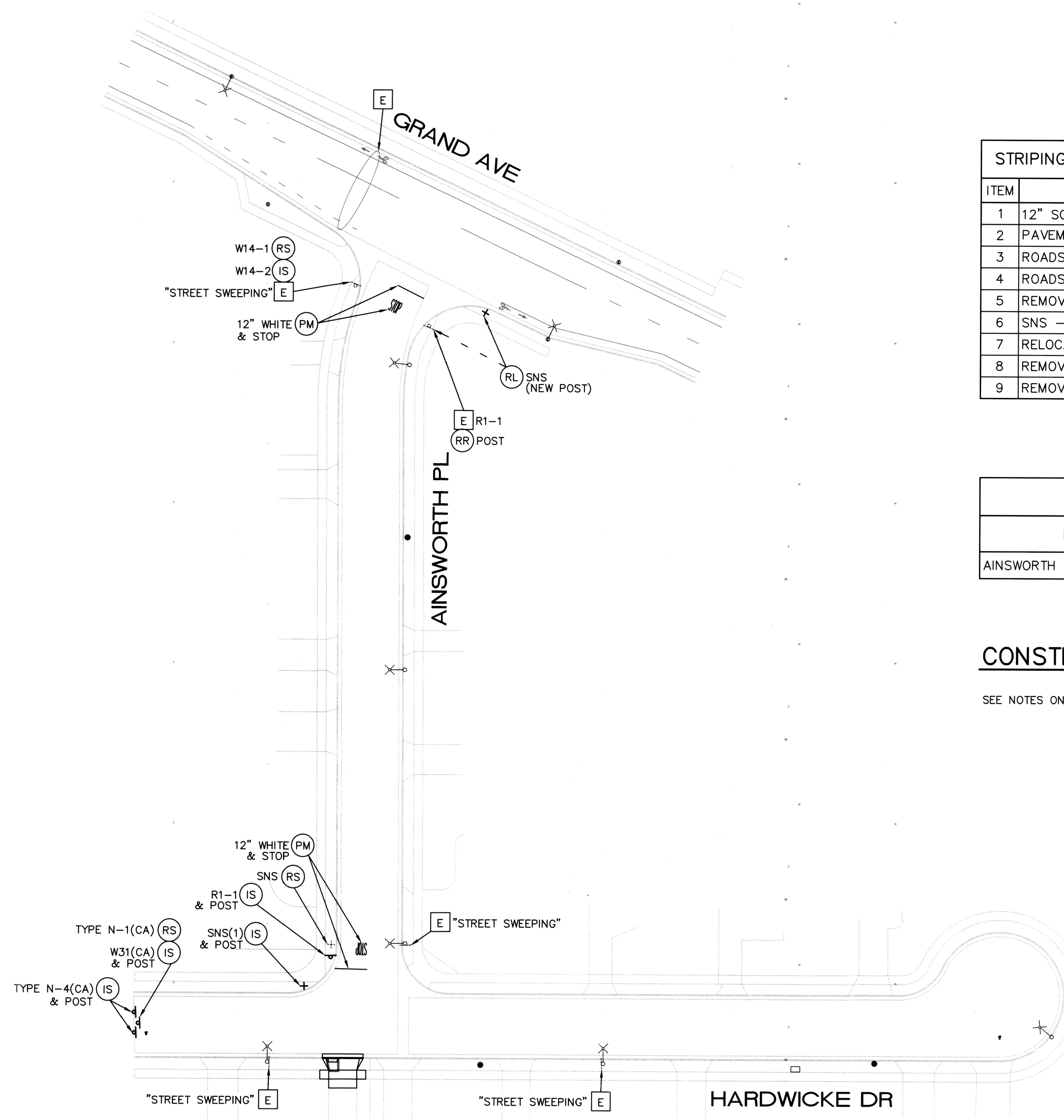
MARK	DESIGNED BY	FDM	DRAWN BY	FDM	CHECKED BY	GMH
REVISIONS	APPR	DATE	DATE	DATE	DATE	DATE

CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS			
APPROVED BY	BY	DATE	APPROVED BY
ENGINEERING MANAGER	Fm	10/22/20	10/22/20
PRINCIPAL ENGINEER	B.C.	10/22/20	
TRAFFIC DIVISION			
CONSTRUCTION ADMIN.			

SIGNING AND STRIPING PLAN	
TRAFFIC LEGENDS, NOTES, AND DETAILS	
SCALE: 1" = 40'	WORK ORDER #2002732

R-4483
SHEET 10 OF 13
FILE NAME: XL-XXX.DWG



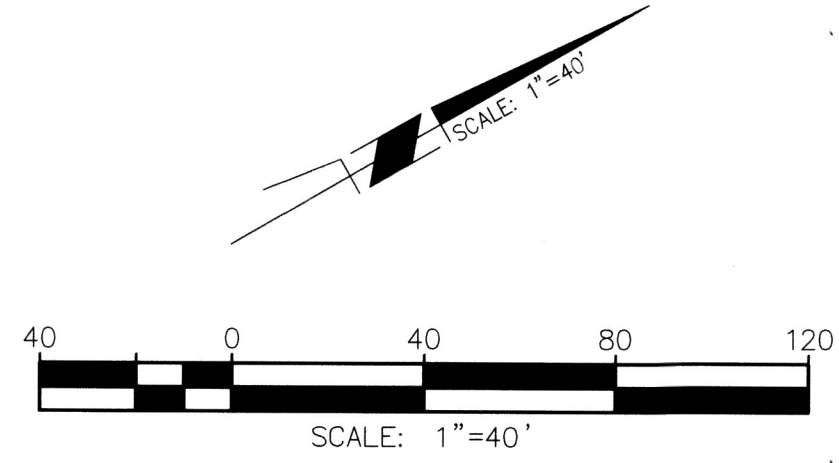


STRIPING/SIGNAGE QUANTITIES - THIS SHEET			
ITEM	DESCRIPTION	QUANTITY	UNIT
1	12" SOLID WHITE	34	LF
2	PAVEMENT LEGENDS/MARKINGS	44	SF
3	ROADSIDE SIGN - ONE POST	4	EA
4	ROADSIDE SIGN - NO POST	1	EA
5	REMOVE SIGN - NO POST	2	EA
6	SNS - ONE POST	1	EA
7	RELOCATE SIGN - ONE POST	1	EA
8	REMOVE & REPLACE SIGN POST	1	EA
9	REMOVE SIGN - ONE POST	1	EA

SNS DETAILS - THIS SHEET		
INTERSECTION	PANEL No. 1	PANEL No. 2
AINSWORTH PL & HARDWICKE DR	Ainsworth Pl 4800	Hardwicke Dr 5500

CONSTRUCTION NOTES (THIS SHEET):

SEE NOTES ON SHEET 10 (PLAN NO. R-4483)



ENGINEER IN RESPONSIBLE CHARGE

NATHAN T. MUSTAFA

R.C.E. No. 83654 EXPIRES: 3-31-21

DATE: 7-21-2020

MARK	REVISIONS	APPR.	DATE
DESIGNED BY: FDM	DRAWN BY: FDM	CHECKED BY: GMH	

CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS	
APPROVED BY CITY STAFF PER INITIALS ON TITLE SHEET	APPROVED BY THE CITY ENGINEER PER SIGNATURE ON TITLE SHEET

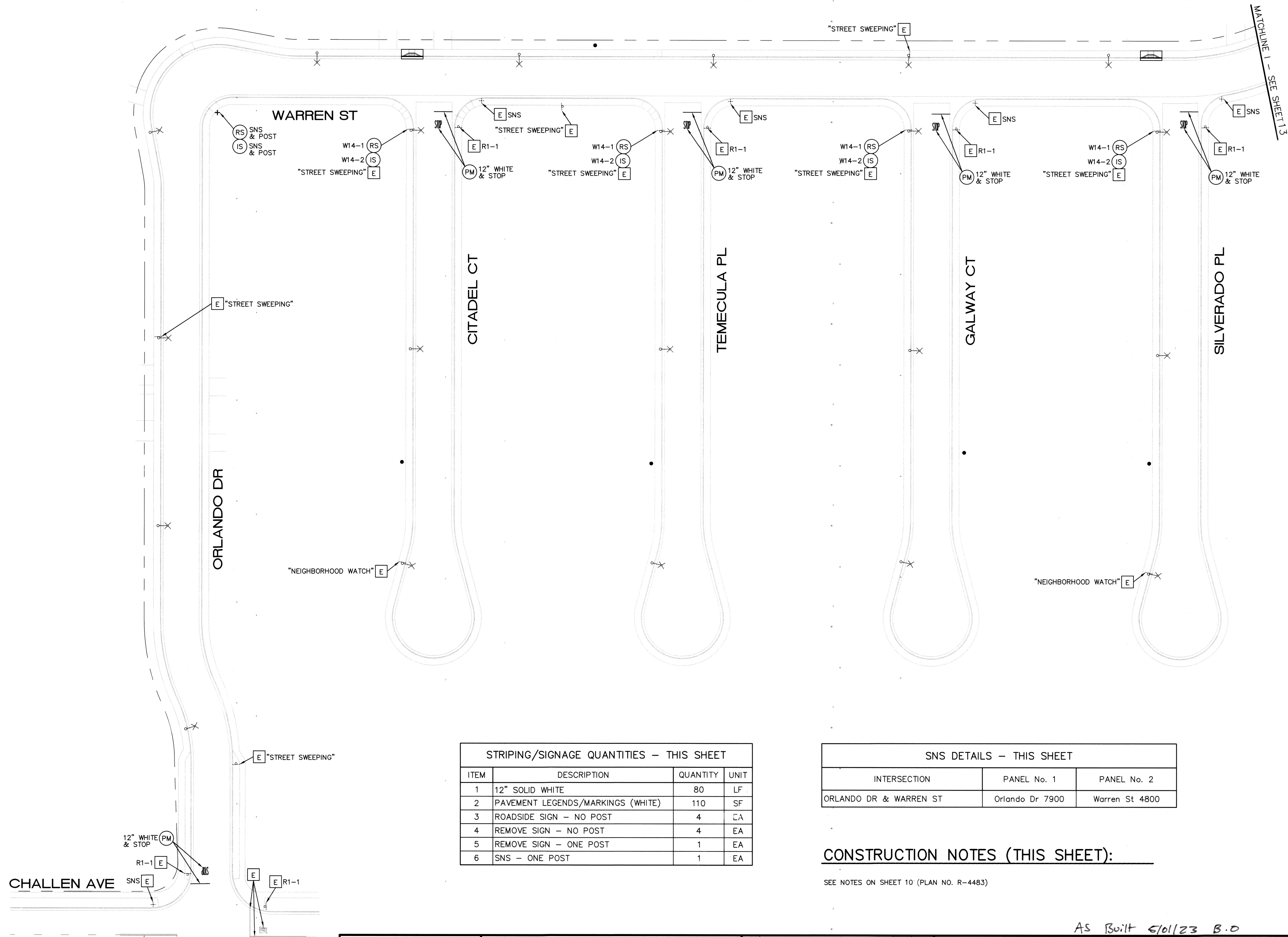
SIGNING AND STRIPING PLAN	
2019/2020 SB-1 MAINTENANCE AND TRAFFIC IMPROVEMENTS	
LOCATION 1	
SCALE: 1" = 40'	WORK ORDER #2002732

R-4483

SHEET 11 OF 13

FILE NAME: R-4483.DWG



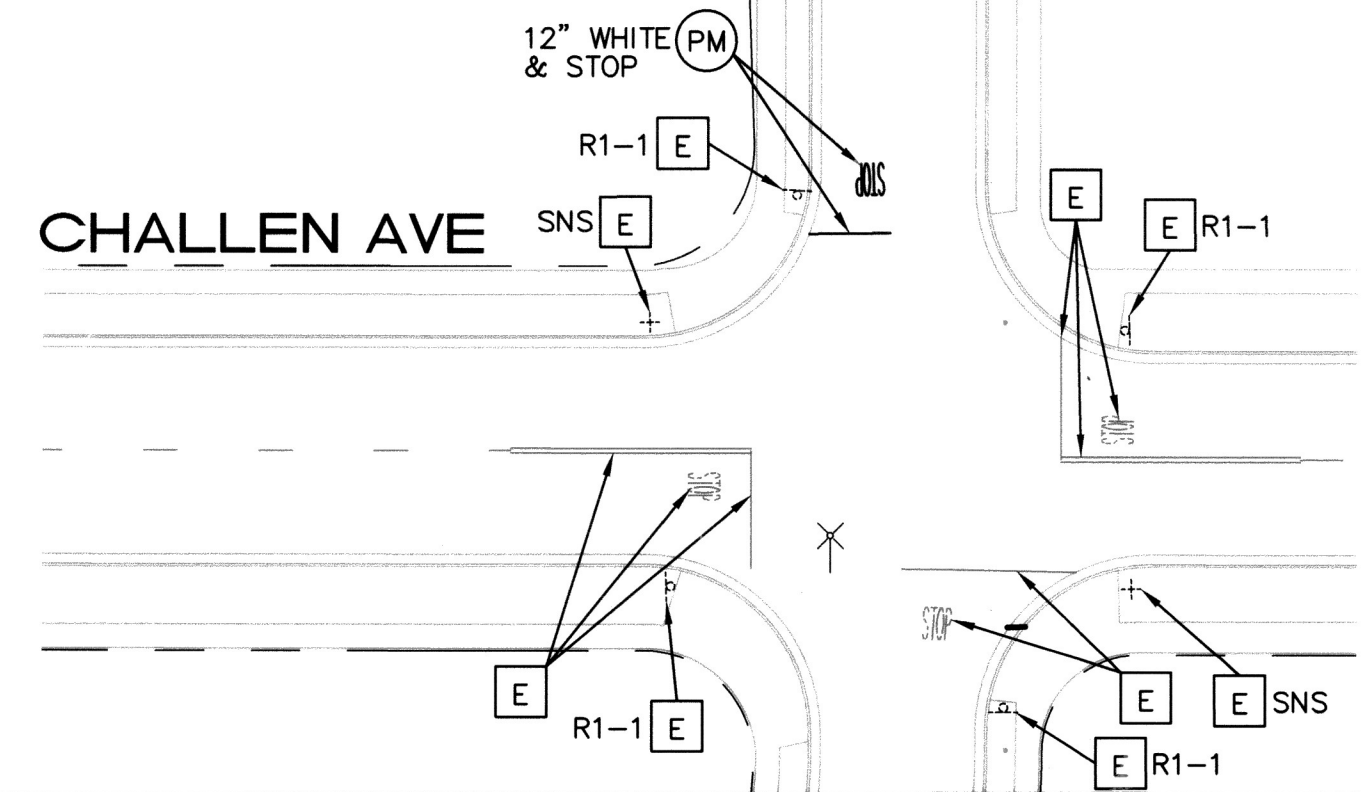



STRIPING/SIGNAGE QUANTITIES - THIS SHEET			
ITEM	DESCRIPTION	QUANTITY	UNIT
1	12" SOLID WHITE	80	LF
2	PAVEMENT LEGENDS/MARKINGS (WHITE)	110	SF
3	ROADSIDE SIGN - NO POST	4	CA
4	REMOVE SIGN - NO POST	4	EA
5	REMOVE SIGN - ONE POST	1	EA
6	SNS - ONE POST	1	EA

SNS DETAILS - THIS SHEET		
INTERSECTION	PANEL No. 1	PANEL No. 2
ORLANDO DR & WARREN ST	Orlando Dr 7900	Warren St 4800


CONSTRUCTION NOTES (THIS SHEET):

SEE NOTES ON SHEET 10 (PLAN NO. R-4483)






Under Ground  
Service Alert  
of Southern California  
Call: TOLL FREE  
1-800  
227-2600  
TWO WORKING DAYS BEFORE YOU DIG



**ENGINEER IN RESPONSIBLE CHARGE**  
NATHAN T. MUSTAFA  
R.C.E. No. 83654 EXPIRES: 3-31-21  
DATE: 7-24-2020



MARK	REVISIONS	APPR.	DATE
DESIGNED BY: FDM	DRAWN BY: FDM	CHECKED BY: GMH	

CITY OF RIVERSIDE, CALIFORNIA  
DEPARTMENT OF PUBLIC WORKS

APPROVED BY CITY STAFF  
PER INITIALS ON TITLE SHEET

APPROVED BY THE CITY ENGINEER  
PER SIGNATURE ON TITLE SHEET

**SIGNING AND STRIPING PLAN**

2019/2020 SB-1 MAINTENANCE  
AND TRAFFIC IMPROVEMENTS

**LOCATION 5**

SCALE: 1" = 40'

WORK ORDER #2002732

**R-4483**

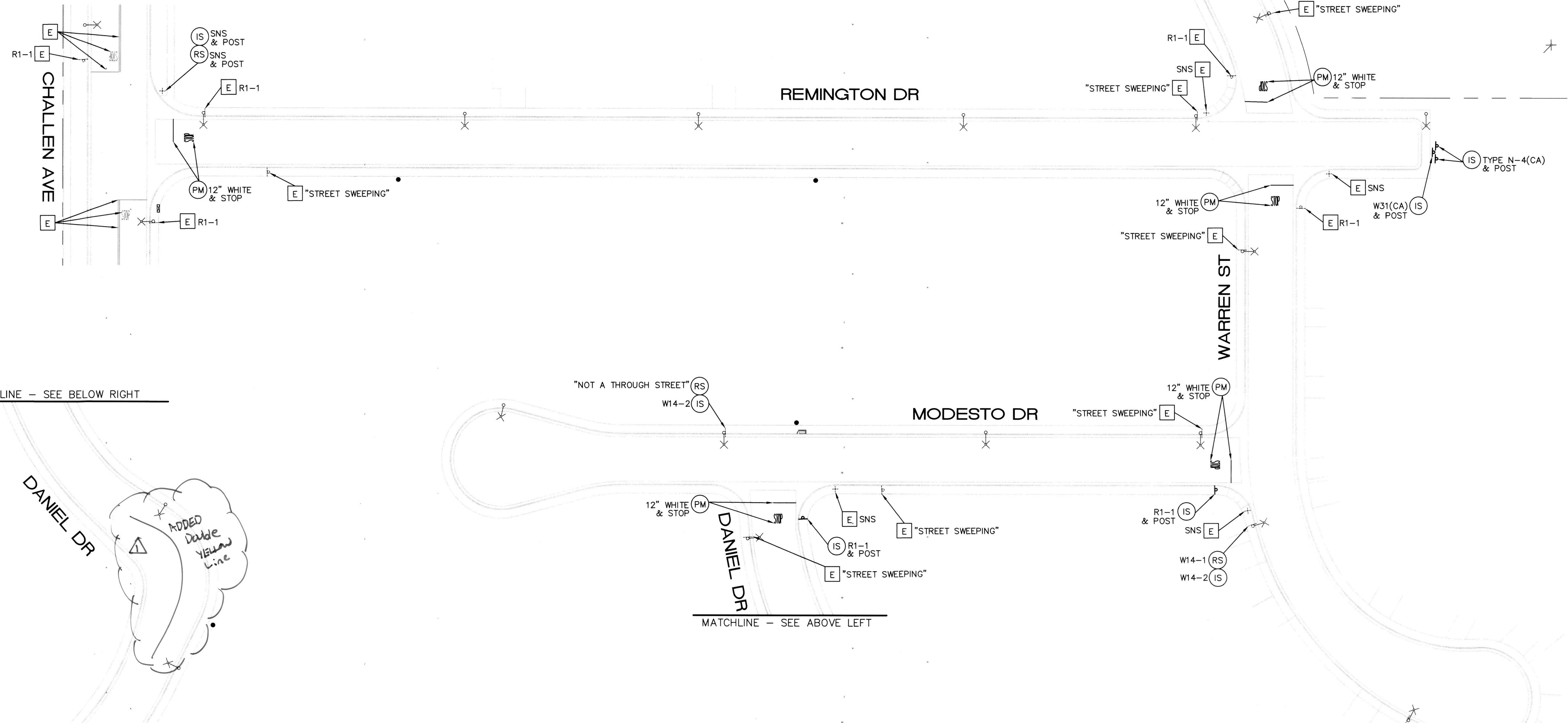
SHEET **12** OF **13**

FILE NAME: R-4483.DWG



# CONSTRUCTION NOTES (THIS SHEET):

SEE NOTES ON SHEET 10 (PLAN NO. R-4483)



MATCHLINE - SEE BELOW RIGHT

"NOT A THROUGH STREET" (RS)  
W14-2 (IS)

12" WHITE (PM)  
& STOP

DANIEL DR

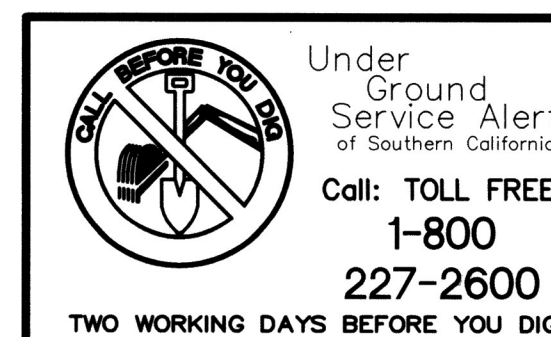
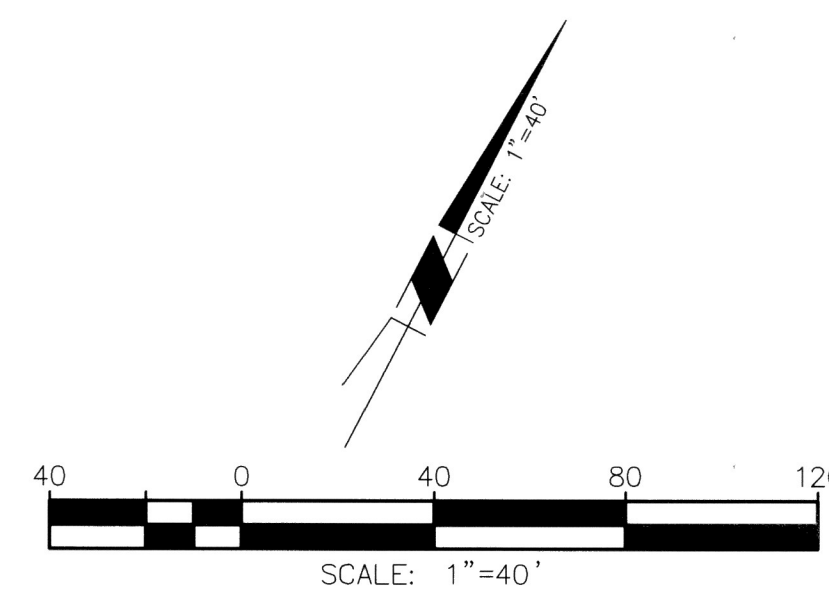
MATCHLINE - SEE ABOVE LEFT

## STRIPING/SIGNAGE QUANTITIES - THIS SHEET

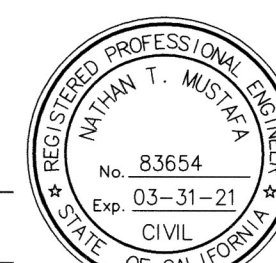
ITEM	DESCRIPTION	QUANTITY	UNIT
1	12" SOLID WHITE	96	LF
2	PAVEMENT LEGENDS/MARKINGS (WHITE)	132	SF
3	ROADSIDE SIGN - ONE POST	5	EA
4	REMOVE SIGN - NO POST	2	EA
5	REMOVE SIGN - ONE POST	1	EA
6	SNS - ONE POST	1	EA

## SNS DETAILS - THIS SHEET

INTERSECTION	PANEL No. 1	PANEL No. 2
CHALLEN AVE & REMINGTON DR	Challen Ave 4700	Remington Dr 7900



**ENGINEER IN RESPONSIBLE CHARGE**  
NATHAN T. MUSTAFA  
R.C.E. No. 83654 EXPIRES: 3-31-21  
DATE: 9-24-2020



MARK	REVISIONS	APPR.	DATE
1	Added double yellow line	FLM	9/24/20
DESIGNED BY	FDM	DRAWN BY	FDM
CHECKED BY	GMH		

CITY OF RIVERSIDE, CALIFORNIA  
DEPARTMENT OF PUBLIC WORKS

APPROVED BY CITY STAFF  
PER INITIALS ON TITLE SHEET

APPROVED BY THE CITY ENGINEER  
PER SIGNATURE ON TITLE SHEET

**SIGNING AND STRIPING PLAN**  
2019/2020 SB-1 MAINTENANCE  
AND TRAFFIC IMPROVEMENTS

**LOCATION 5**

SCALE: 1" = 40'

WORK ORDER #2002732

**R-4483**

SHEET **13** OF **13**

FILE NAME: R-4483.DWG

As Built 5/10/23 B-0