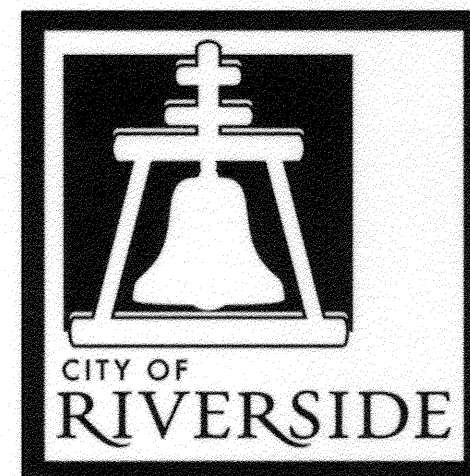


GENERAL CONSTRUCTION NOTES

- 1 THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TRAFFIC CONTROL AS INDICATED IN THE ASSOCIATED PROJECT SPECIAL PROVISIONS.
- 2 CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RIVERSIDE STANDARD DRAWINGS AND STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 2011 EDITION.
- 3 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.
- 4 CONFLICTING UTILITIES SHOWN WITHIN CONSTRUCTION AREA WILL BE RELOCATED PRIOR TO CONSTRUCTION.
- 5 ALL UTILITY FACILITIES, AFFECTED BY CONSTRUCTION, SH ALL BE ADJUSTED TO THE PROPOSED GRADE.
- 6 PRIME CONTRACTOR BIDDING THIS WORK SHALL HAVE A CLASS "A" OR "C-12".
- 7 THE SEAM BETWEEN PASSES OF THE AC OVERLAY SHALL COINCIDE, AS CLOSE AS POSSIBLE, TO THE LANE LINES.
- 8 COLD MILLING SHALL BE AS DESCRIBED ON THE PLANS AND SPECIAL PROVISIONS OR AS DIRECTED BY THE ENGINEER.
- 9 ANY DISTRESSED EXISTING PAVEMENT SHALL BE REMOVED AND REPLACED AS DIRECTED BY THE ENGINEERING AFTER COLD-MILLING AND PRIOR TO PLACEMENT OF DGAC.

RIVERSIDE



CALIFORNIA

PUBLIC WORKS DEPARTMENT MAGNOLIA AVE AREA STREET IMPROVEMENT PROJECT

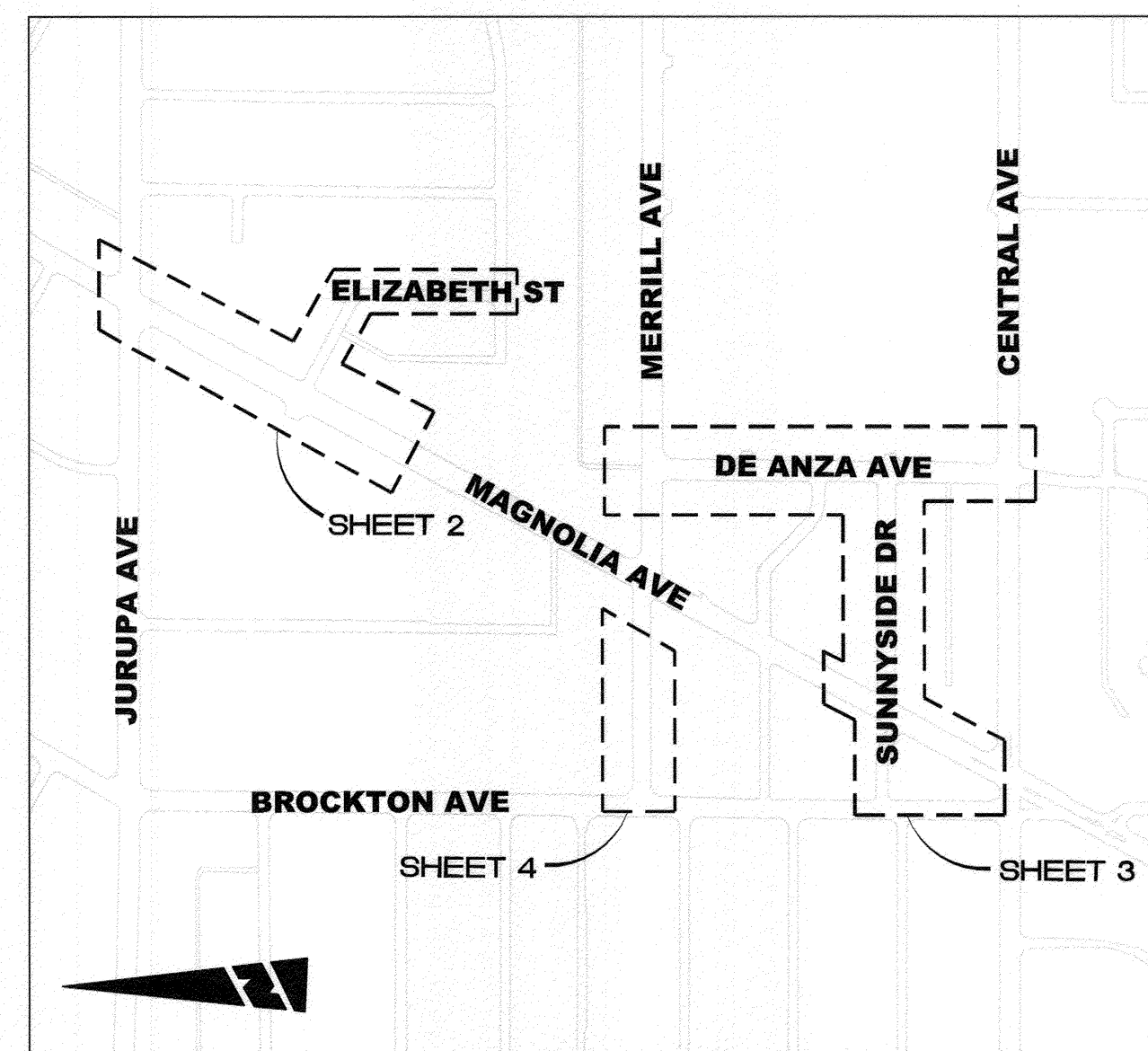
CONSTRUCTION LEGEND

CENTER LINE	— E —	TOP OF SLOPE	— T —
RIGHT-OF-WAY	— R/W —	TOE OF SLOPE	— T —
SUBDIVISION LOT LINE	— PL —	DIRECTION OF FLOW	— D —

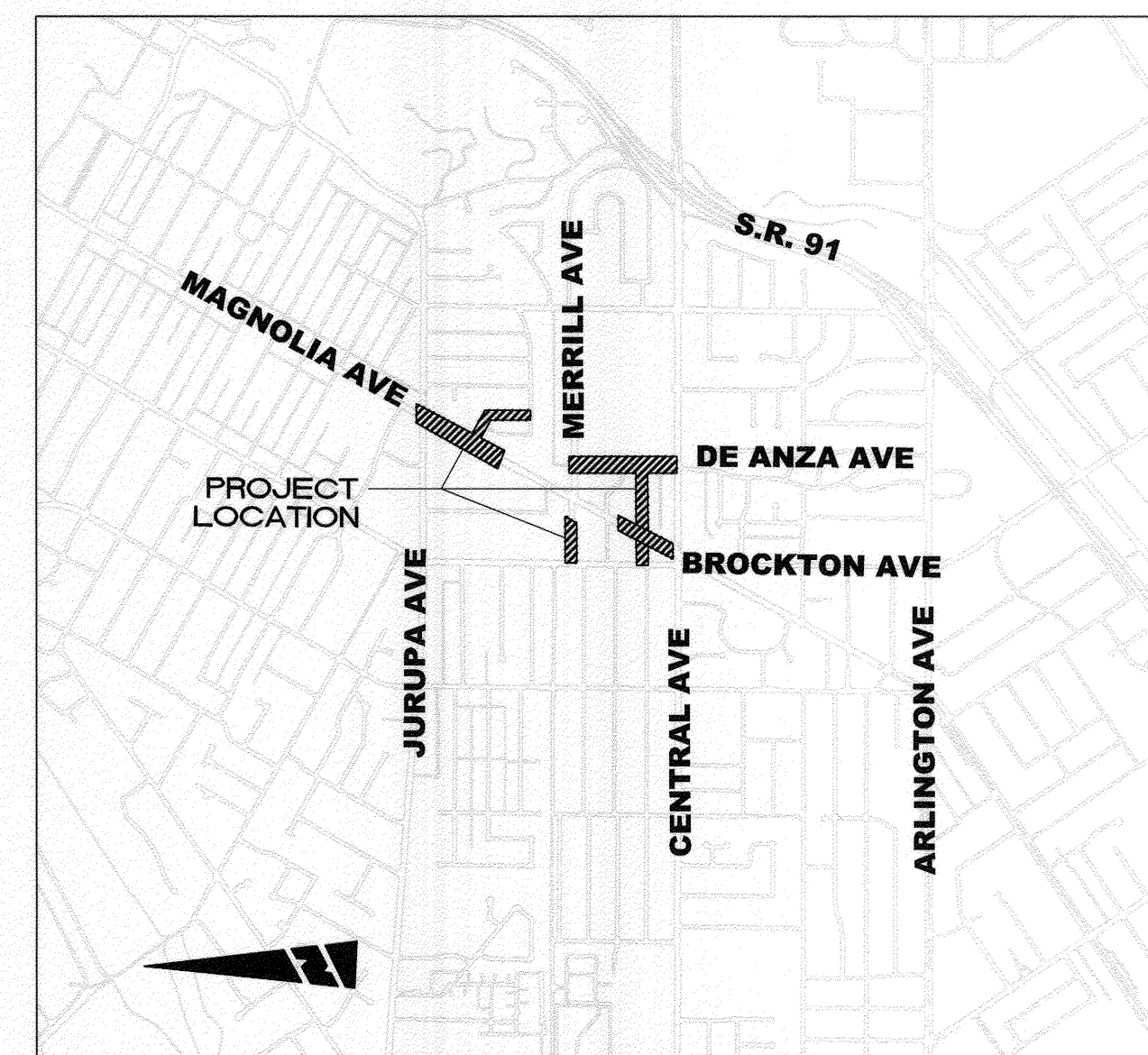
"CM1" AND "OL" TYPE 1 COLDMILL AND 0.1' OVERLAY	"CM2" AND "OL2" TYPE 2 COLDMILL AND 0.2' OVERLAY	"CM3" AND "OL3" TYPE 3 FULL-DEPTH MILL AND FULL DEPTH OVERLAY
"OL" ASPHALT OVERLAY	"S1" OR "S2" STRUCTURAL SECTION	CONCRETE IMPROVEMENTS TYPE PER PLAN
"SLR" SLURRY SEAL		

SPECIFIC CONSTRUCTION NOTES

- NUMBERS ABOVE 100 IN A HEXAGON ON THE PLAN REFER TO THE RESPECTIVE STANDARD DRAWING AND SHALL BE CONSTRUCTED ACCORDINGLY, UNLESS MODIFICATIONS ARE NOTED ON THE PLAN OR COVER SHEET. ANY NUMBER SHOWN BELOW THE STANDARD DRAWING NUMBER INDICATES THE SPECIFIC ALTERNATE TO BE CONSTRUCTED.
- ADJUST EXISTING FACILITY TO GRADE. THE FOLLOWING IS THE LEGEND:
GV=GATE VALVE; MH=MANHOLE; WM=WATER METER; PB=ELECTRIC PULL BOX; CO=CLEANOUT; SD=STORM DRAIN INLET; GM=GAS METER; ETS=GAS ETS COVER
- REMOVE AND REPLACE EXISTING IMPROVEMENT IN KIND. THE FOLLOWING IS THE LEGEND FOR "XX":
200=CURB AND GUTTER (SIZE TO MATCH EXISTING); 302=DRIVEWAY (TYPE PER PLAN); SWL=SWALE; SGN=SIGN POST; S1=STRUCTURAL SECTION (0.1 ARHM OVER 0.15' DGAC OVER 0.65' CAB); S2=STRUCTURAL SECTION (0.1 ARHM OVER 0.65 DGAC OVER 1.25' CAB)
- PROTECT IN PLACE (XX=TYPE PER PLAN). THE FOLLOWING IS THE LEGEND:
VLT=VAULT; PP=POWER POLE; SGN=SIGN; ANC=ANCHOR; GM=GAS METER; TR=TREE; C&G=CURB AND GUTTER; LS=LANDSCAPE; BRK=BRICK BORDER; OUT=PARKWAY CULVERT
- REMOVE EXISTING IMPROVEMENTS AND GRADE AS NECESSARY FOR THE PROPOSED IMPROVEMENTS INDICATED. THE FOLLOWING IS THE LEGEND "XX":
DWY=DRIVEWAY; TR=TREE; PLN=LANDSCAPE PLANTER; PAV=PAVEMENT SECTION
- CONSTRUCT WHEELCHAIR RAMP PER CITY STANDARD 304 (XX=TYPE PER PLAN).
- UNIFORM ASPHALT COLD MILL TO A DEPTH OF 0.1' (XX=WIDTH PER PLAN).
- UNIFORM ASPHALT COLD MILL TO A DEPTH OF 0.2'.
- FULL-DEPTH ASPHALT COLD MILL. REMOVE SUBGRADE TO A MINIMUM DEPTH OF 6" IF NO BASE EXISTS.
- OVERLAY STREET WITH 0.1' MINIMUM ARHM.
- OVERLAY STREET WITH 0.1' MINIMUM ARHM OVER 0.1 MINIMUM DGAC.
- FULL-DEPTH ASPHALT OVERLY TO MATCH EXISTING AC SECTION DEPTH. (6" MINIMUM AC THICKNESS IF NO BASE EXISTS). AC OVERLAY SHALL CONSIST OF DGAC BASE COURSE WITH 0.1' MINIMUM ARHM CAP.
- APPLY ASPHALT SLURRY SEAL TO EXISTING PAVEMENT.
- CONSTRUCT PAVEMENT SECTION:
0.1 ARHM OVER 0.15' DGAC OVER 0.65' CAB
- CONSTRUCT 6" CURB AND GUTTER PER CITY STD. 200.
- CONSTRUCT 4' HIGH WOOD PICKET FENCE (PAINTED WHITE).
- GRADE PARKWAY BEHIND NEW SIDEWALK (5:1 MINIMUM SLOPE). HYDROSEED ALL EXPOSED AREAS AND MAINTAIN UNTIL FULLY ESTABLISHED.
- CONSTRUCT CONCRETE GUTTER AS SHOWN ON PLANS AND WITH ALL APPLICABLE SPECIFICATIONS INCLUDED IN STD DRAWING 220. REMOVE AND RECONSTRUCT ADJACENT CURB AND POUR NEW CURB MONOLITHICALLY WITH CONCRETE GUTTER AREA AND STRAIGHT GRADE BETWEEN BOTTOM OF CURB TO THE FLOWLINE INDICATED.
- CONSTRUCT CONCRETE DRIVEWAY PER CITY STD 302. DRIVEWAY SHALL BE CONSTRUCTED IN-KIND INCLUDING ALL "A" AND "B" DIMENSIONS AND RE-CONSTRUCTION OF ALL CURBS (CURB HEIGHT SHALL BE MODIFIED AS NECESSARY TO MAINTAIN THE SAME TOP OF CURB ELEVATIONS). GRADE AREA AS NECESSARY TO ACHIEVE GRADES INDICATED ON CENTERLINE DRIVEWAY PROFILE.
- RELOCATE EXISTING BUS FACILITY AS NECESSARY TO RECONSTRUCT CONCRETE IMPROVEMENTS. CONTRACTOR TO COORDINATE WITH RIVERSIDE COUNTY TRANSIT AGENCY 2 WEEKS PRIOR TO RELOCATING ANY RTA FACILITIES.
- CONTRACTOR TO COORDINATE WITH RIVERSIDE PUBLIC UTILITIES ELECTRIC DIVISION TO ADJUST ELECTRIC FACILITY TO GRADE BY CITY FORCES.



SHEET INDEX
NTS



LOCATION MAP
NTS

EXISTING TOPOGRAPHY:

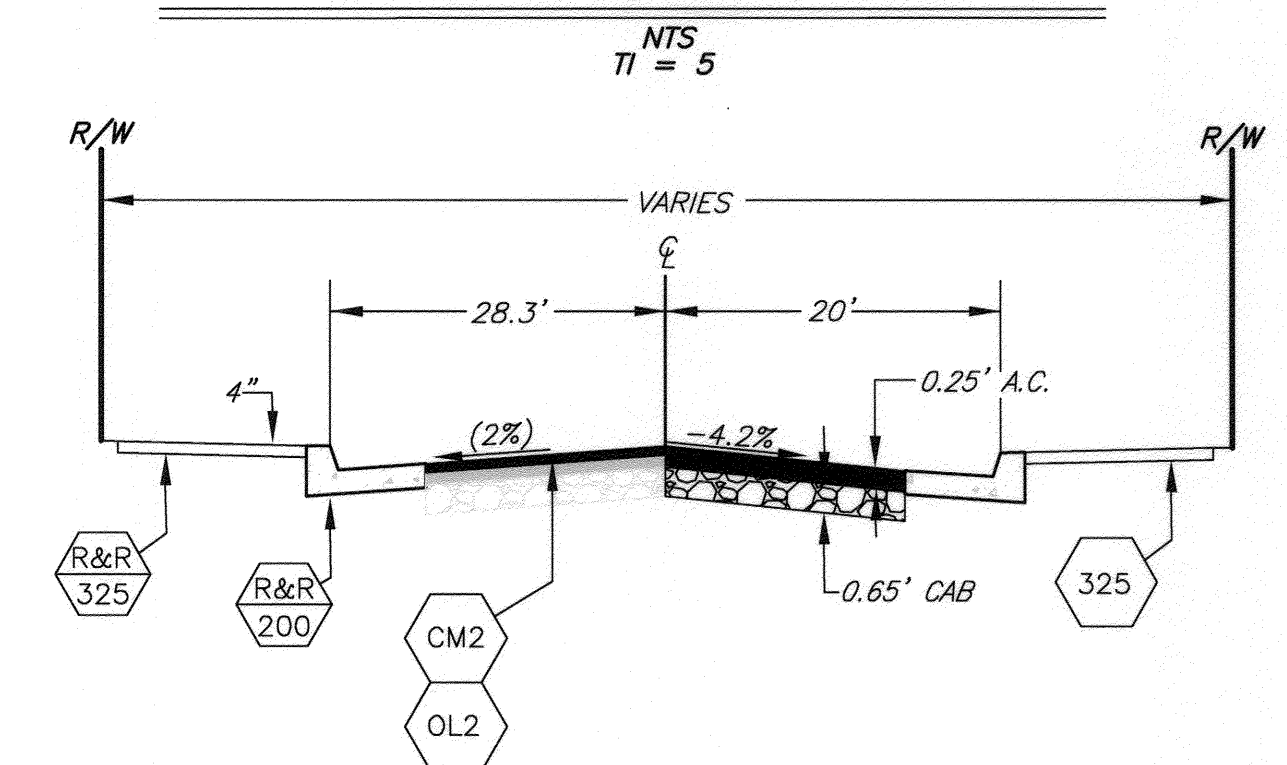
BLOCK WALL	BOARD FENCE	WIRE FENCE	CHAIN LINK FENCE	TOP OF SLOPE	TOE OF SLOPE	DIRECTION OF FLOW
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SANITARY SEWER M.H.	STORM DRAIN M.H.	IRRIGATION WEIR	WATER M.H.	GAS M.H.	ELECTRIC M.H.	TELEPHONE M.H.	WATER METER	FIRE HYDRANT	SPRINKLER HEAD	VALVE	AIR VALVE	AIR VENT	BUS STOP SIGN	BLOW-OFF VALVE	IRRIGATION STAND PIPE	CONCRETE	ASPHALT	BUILDING	EDGE OF PAVEMENT							
POLE & GUY ANCHOR	POWER POLE	TELEPHONE POLE	TELEPHONE RISER	JOINT USE POLE	PULL BOX	TRAFFIC SIGN	PARKING METER	FIRE ALARM BOX	STREET NAME SIGN	GAS METER	MAIL BOX	FAUCET	WALK-DON'T WALK PEDESTRIAN SIGNAL	ELECTROLYSIS TEST STATION	WHEEL STOP	A.C. BERM	PEDESTRIAN PUSH BUTTON	TRAFFIC SIGNAL	TRAFFIC SIGNAL CONTROLLER	TRAFFIC SIGNAL PRESSURE DETECTOR	TRAFFIC SIGNAL LOOP DETECTOR	STREET LIGHT & TRAFFIC SIGNAL ON MAST ARM	STREET LIGHT (UPRIGHT)	STREET LIGHT ON MAST ARM	STEEL POST	WOOD POST

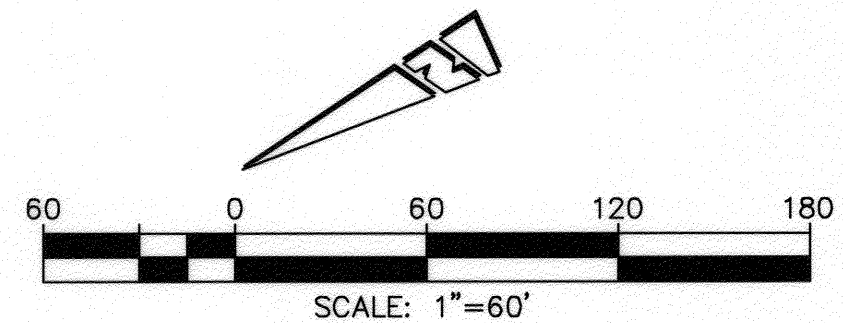
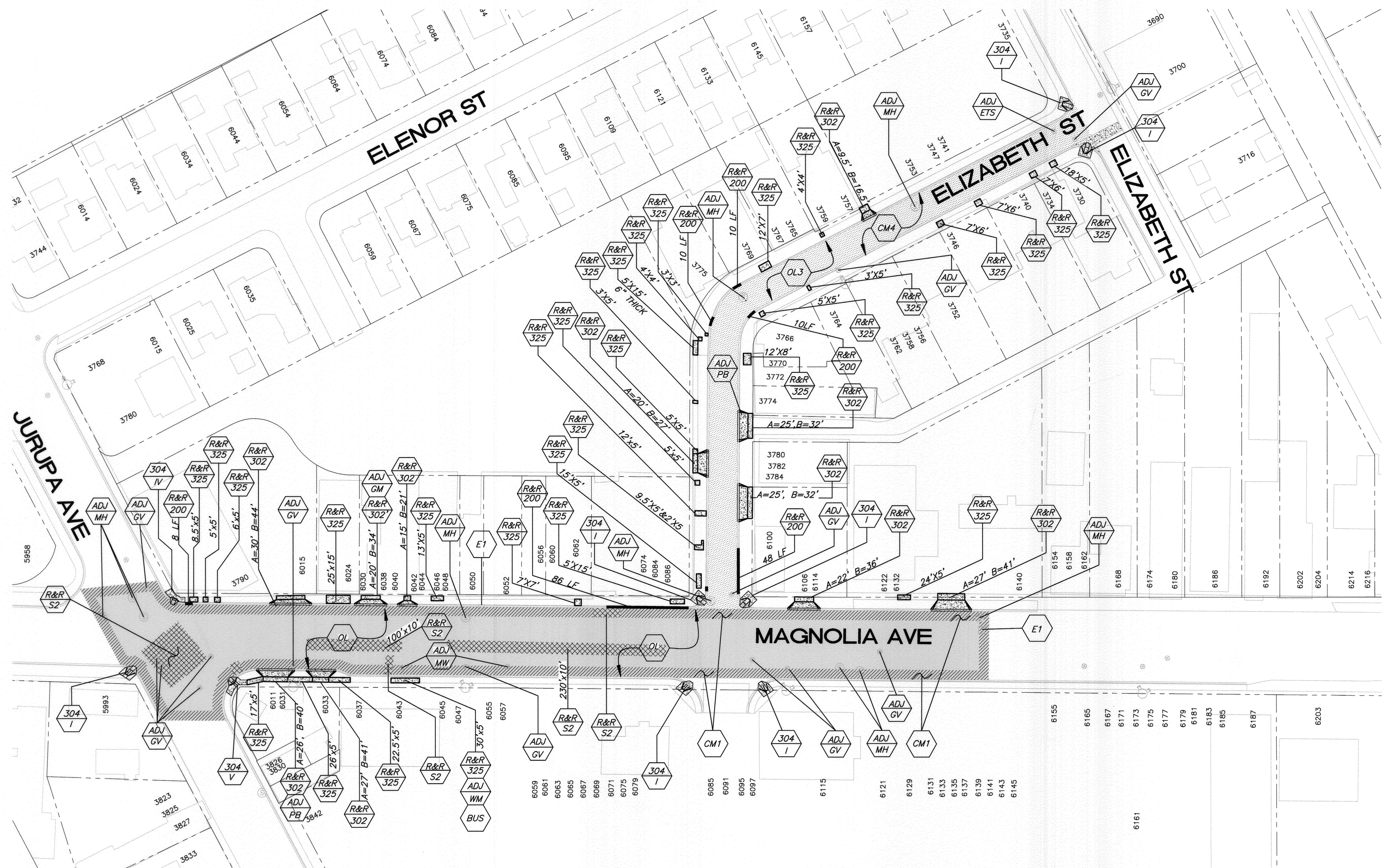
SHEET INDEX: STREET IMPROVEMENT

SHEET NO.	DESCRIPTION
1	TITLE SHEET AND NOTES
2	MAGNOLIA AVE AND ELIZABETH ST
3	DE ANZA AVE, SUNNYSIDE DR, AND MAGNOLIA AVE
4	MERRILL AVENUE (BROCKTON AVE TO MAGNOLIA AVE)


TYPICAL STRUCTURAL CROSS SECTION FOR
MERRILL AVE IN SHEET 4
STA: 50+00.00 TO 55+00.00

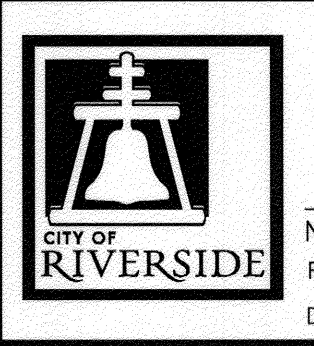



<p>BENCHMARK GPS-58</p> <p>2 1/2" BRASS DISK STAMPED "CITY OF RIVERSIDE GPS STATION #58-1991" SET IN THE SIDEWALK 1' NORTHERLY OF THE NORTHERLY CURB OF CENTRAL AVENUE; 60 FEET EASTERLY OF THE BOR OF THE NORTHERLY CURB RETURN OF MAGNOLIA AVE AND CENTRAL AVE. ELEVATION: 826.779</p>	<p>Under Ground Service Alert of Southern California Call: TOLL FREE 1-800-227-2600 TWO WORKING DAYS BEFORE YOU DIG</p>	<p>ENGINEER IN RESPONSIBLE CHARGE <i>Edward Lora</i> Name: Edward Lora R.C.E. No. 63753 EXPIRES: 9-30-12 DATE: June 1, 2012</p>		<p>CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS</p>		<p>STREET MAINTENANCE MAGNOLIA AVENUE AREA STREET MAINTENANCE PROJECT</p>		<p>DESIGN WORK ORDER NO: 1108014 CONSTR. WORK ORDER NO: 1228777</p>
				<p>APPROVED BY: <i>F.M.</i> DATE: 6/13/12 CONSTRUCTION ADMIN. <i>D.G.</i> DATE: 6/13/12 TRAFFIC DIVISION <i>J.H.</i> DATE: 6.7.12 PRINCIPAL ENGINEER</p>		<p>APPROVED BY: <i>[Signature]</i> DATE: 6/13/12 CITY ENGINEER</p>		<p>TITLE SHEET AND NOTES</p>

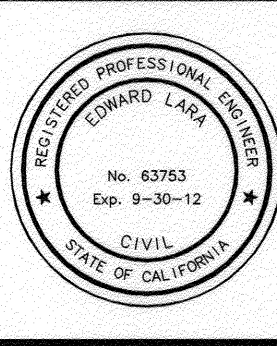


BENCHMARK GPS-58
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 ELEVATION: 826.779

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



ENGINEER IN RESPONSIBLE CHARGE

 Name: Edward Juan
 R.C.E. No. 63753 EXPIRES: 9-30-12
 DATE: June 1, 2012



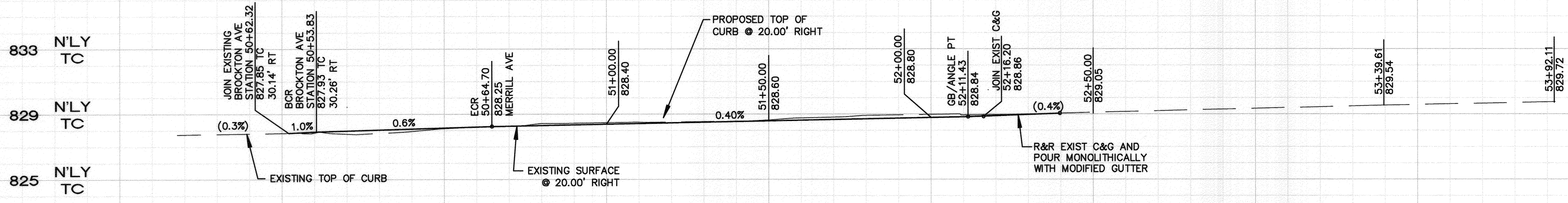
MARK	REVISIONS	APPR.	DATE

CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS			
APPROVED BY	BY	DATE	APPROVED BY
ENGINEERING MANAGER	<i>F.M.</i>	6/13/12	<i>[Signature]</i>
CONSTRUCTION ADMIN.	<i>D.C.</i>	6/13/12	CITY ENGINEER
TRAFFIC DIVISION	<i>[Signature]</i>	6-3-12	DATE: 6/13/2012
PRINCIPAL ENGINEER			

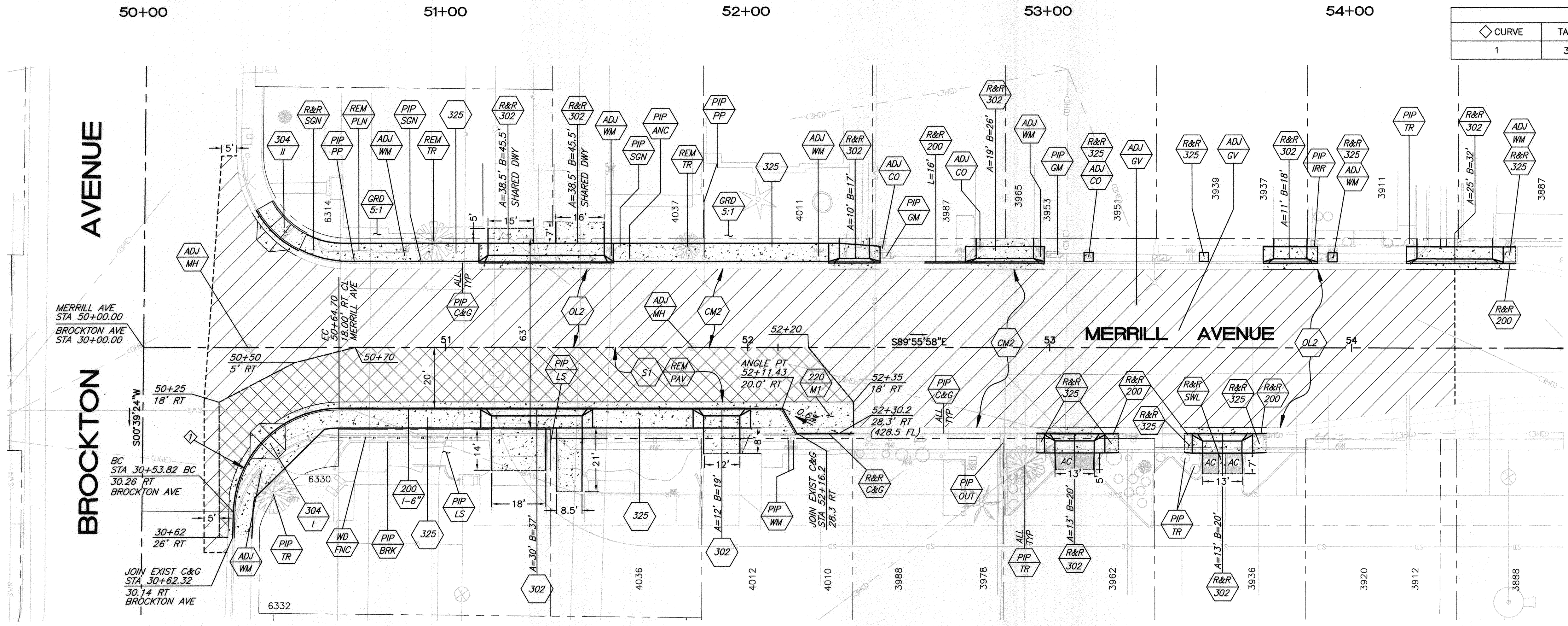
STREET MAINTENANCE
MAGNOLIA AVENUE AREA
STREET MAINTENANCE PROJECT
LOCATION NO. 1
MAGNOLIA AVENUE
 HORIZ. SCALE: 1"=60' VERT. SCALE: NA

DESIGN WORK ORDER NO.: 1108014
 CONSTR. WORK ORDER NO.: 1228797
R-4226
 SHEET **2** OF **4**
 FILE NAME: R4221-02.DWG

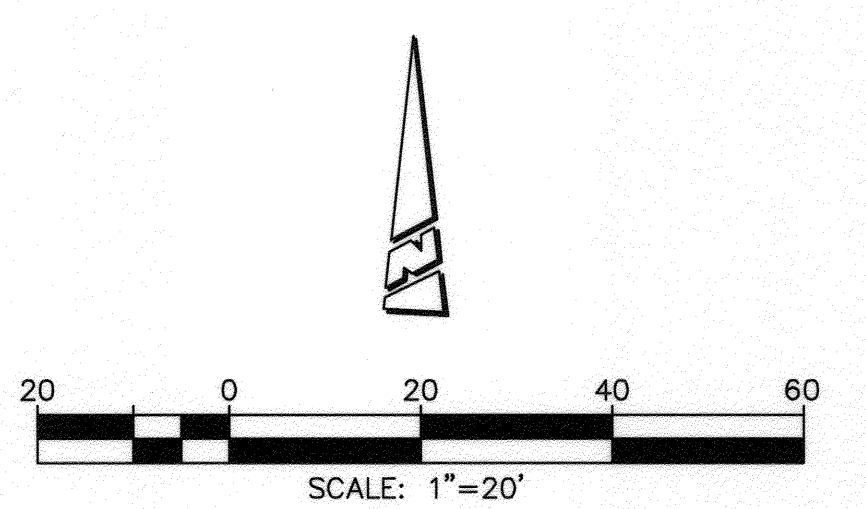
DESIGNED BY: JC DRAWN BY: JC CHECKED BY: EL



HORIZ. SCALE: 1" = 20'
VERT. SCALE: 1" = 4'



CURVE TABLE					
CURVE	TANGENT	LENGTH	RADIUS	DELTA	DESCRIPTION
1	34.14'	54.1'	35'	88.58'	SE'y CORNER



BENCHMARK GPS-58
2 1/2" BRASS DISK STAMPED "CITY OF RIVERSIDE GPS STATION #58-1991" SET IN THE SIDEWALK 1' NORTHERLY OF THE NORTHERLY CURB OF CENTRAL AVENUE; 60 FEET EASTERLY OF THE BCR OF THE NORTHERLY CURB RETURN OF MAGNOLIA AVE AND CENTRAL AVE.
ELEVATION: 826.779

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

ENGINEER IN RESPONSIBLE CHARGE
Edward Tava
Name: Edward Tava
R.C.E. No. 63753 EXPIRES: 9-30-12
DATE: June 4, 2012

MARK	REVISIONS	APPR.	DATE

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY: *[Signature]* DATE: 6/13/12
ENGINEERING MANAGER
CONSTRUCTION ADMIN. *[Signature]*
TRAFFIC DIVISION *[Signature]*
PRINCIPAL ENGINEER

STREET MAINTENANCE
MAGNOLIA AVENUE AREA
STREET MAINTENANCE PROJECT

LOCATION NO. 1
(MERRILL AVE)

HORIZ. SCALE: 1"=60' VERT. SCALE: 1"=4'

DESIGN WORK ORDER NO.: 1108014
CONSTR. WORK ORDER NO.: 1232727

R-4226

SHEET 4 OF 4
FILE NAME: R4226-04.DWG