

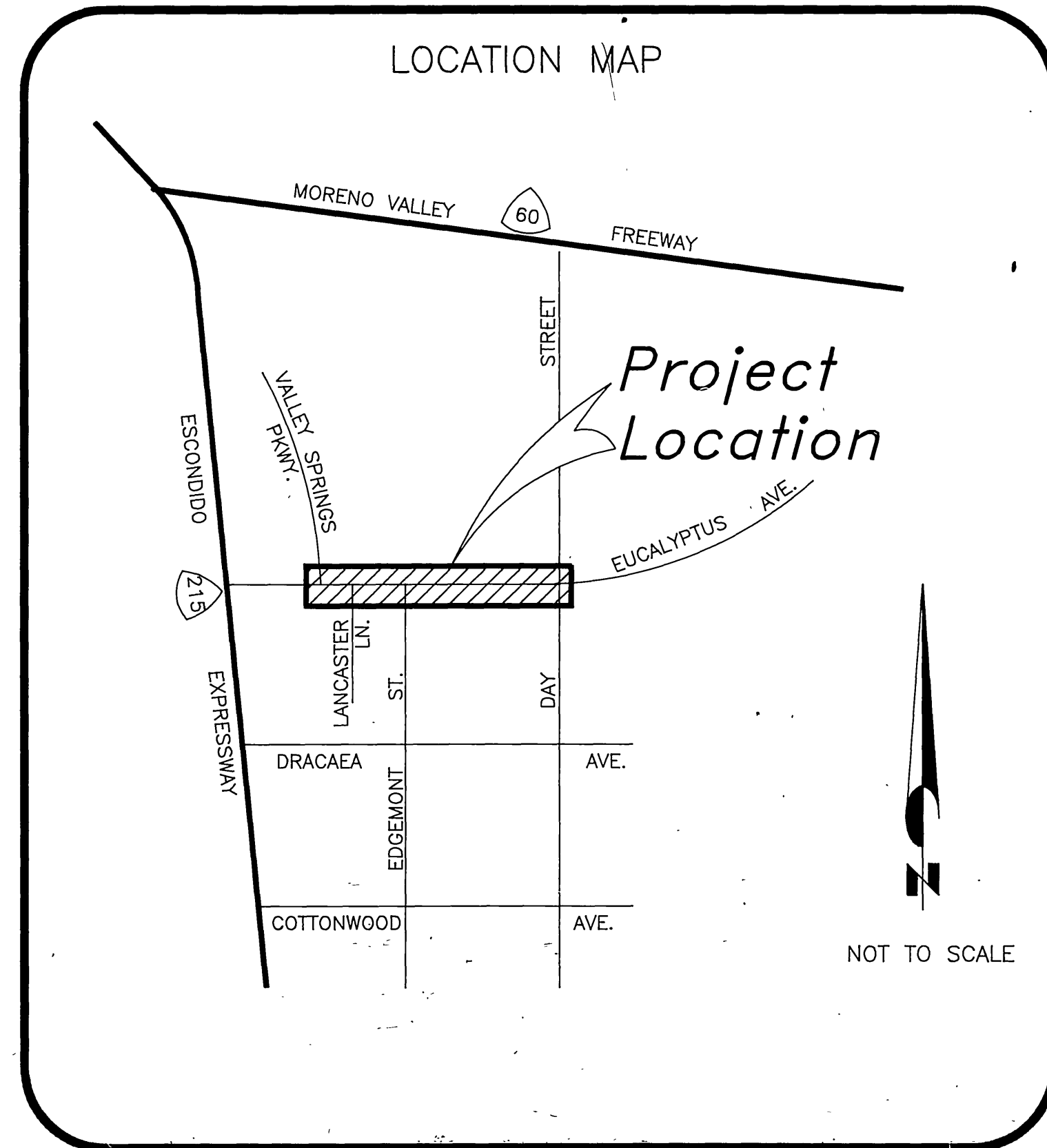
GENERAL NOTES

- ALL WORK SHALL CONFORM TO THE "STANDARD SPECIFICATIONS" FOR PUBLIC WORKS CONSTRUCTION, THE CITY OF MORENO VALLEY "STANDARD PLANS" AND CONTRACT DOCUMENTS IN EFFECT AT THE TIME OF BID.
- PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL OBTAIN A CITY OF MORENO VALLEY BUSINESS LICENSE AND ENCROACHMENT PERMIT.
- PRIOR TO START OF CONSTRUCTION, THE CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT AND ALL NECESSARY UTILITY COMPANIES.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL FILE AN APPLICATION FOR A FIRE HYDRANT METER WITH THE APPROPRIATE WATER AGENCY.
- REQUEST FOR INSPECTION TO THE CITY OF MORENO VALLEY SHALL BE MADE BY THE CONTRACTOR AT LEAST TWENTY-FOUR (24) HOURS BEFORE THE SERVICES THEREOF WILL BE REQUIRED. PHONE # (909) 243-3130
- WORK IN PUBLIC STREETS, ONCE BEGUN, SHALL BE WITHOUT DELAY SO AS TO PROVIDE MINIMUM INCONVENIENCE TO ADJACENT PROPERTY OWNERS AND TO THE TRAVELING PUBLIC. FAILURE TO COMPLY WILL BE A VIOLATION OF THE CONTRACT. CONTRACTOR SHALL PROVIDE ACCESS TO RESIDENCES AND BUSINESSES.
- PROVISIONS SHALL BE MADE BY THE CONTRACTOR AT ALL TIMES FOR CONTRIBUTORY DRAINAGE.
- THE CONTRACTOR SHALL EXCAVATE INSPECTION HOLES (POT HOLES) AND DETERMINE THE LOCATION AND DEPTH OF ALL UNDERGROUND STRUCTURES AND UTILITIES THAT ARE IN THE VICINITY OF OR THAT MAY BE AFFECTED BY THE PROPOSED IMPROVEMENT WORK PRIOR TO ANY CONSTRUCTION WORK WHICH COULD DAMAGE OR CONFLICT WITH SAID STRUCTURES OR UTILITIES.
- THE CONTRACTOR SHALL PROTECT IN PLACE ALL TRAFFIC SIGNAL CONDUIT WITHIN 6" ABOVE SUBGRADE SURFACE. ALL CONDUIT GREATER THAN 6" SHALL BE RELOCATED.
- THE CONTRACTOR SHALL COMPACT THE UPPER SIX-INCHES OF SUBGRADE TO A MINIMUM RELATIVE COMPACTION OF 90/95 PERCENT, RESPECTIVELY, OR AS DIRECTED BY ENGINEER.
- SUBGRADE MATERIAL PLACED FOR CURB, GUTTER, DRIVEWAY APPROACHES, AND SIDEWALKS SHALL BE TO A RELATIVE COMPACTION OF 90 PERCENT.
- ALL TRAFFIC CONTROL DEVICES AND SIGNS SHALL BE IN PLACE PRIOR TO PAVING. DELINEATION SHALL BE COMPLETED PRIOR TO STREET OPENING.
- THE CONTRACTOR SHALL NOT PLACE ASPHALT CONCRETE PAVING UNTIL SUBGRADE HAS BEEN INSPECTED AND APPROVED BY THE ENGINEER.
- THE CONTRACTOR SHALL ADJUST WATER VALVE COVERS TO FINISH GRADE DURING PAVING, LOOSEN AFTER PAVING, AND PAINT BLUE.
- AFTER THE PAVING HAS BEEN COMPLETED THE CONTRACTOR SHALL ADJUST COVERS TO FINISH GRADE.
- THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY IF THE IMPROVEMENTS CONFLICT WITH EXISTING FACILITIES.

UTILITY COMPANIES AND PUBLIC AGENCIES

BOX SPRINGS MUTUAL WATER CO. (909) 653-6419	MORENO VALLEY SCHOOL DISTRICT (909) 485-5600
GENERAL TELEPHONE (909) 929-9412	U.S. POSTAL SERVICE (909) 656-2590
S.C. EDISON COMPANY (909) 940-8521	CITY OF RIVERSIDE (INSPECTION) (909) 782-5671
UNDERGROUND SERVICE ALERT (800) 422-4133	CALTRANS (909) 653-6221
S.C. GAS COMPANY (909) 369-4583	RIVERSIDE COUNTY FLOOD CONTROL (909) 275-1200
CABLEVISION (909) 653-1046	EASTERN MUNICIPAL WATER DISTRICT (909) 766-1860
TRAFFIC SIGNAL MAINTENANCE (909) 243-3160	WESTERN MUNICIPAL WATER DISTRICT (909) 780-4170
EDGE MONT GARDENS MUTUAL WATER CO. (909) 242-3214	

LOCATION MAP



People • Pride  
Progress

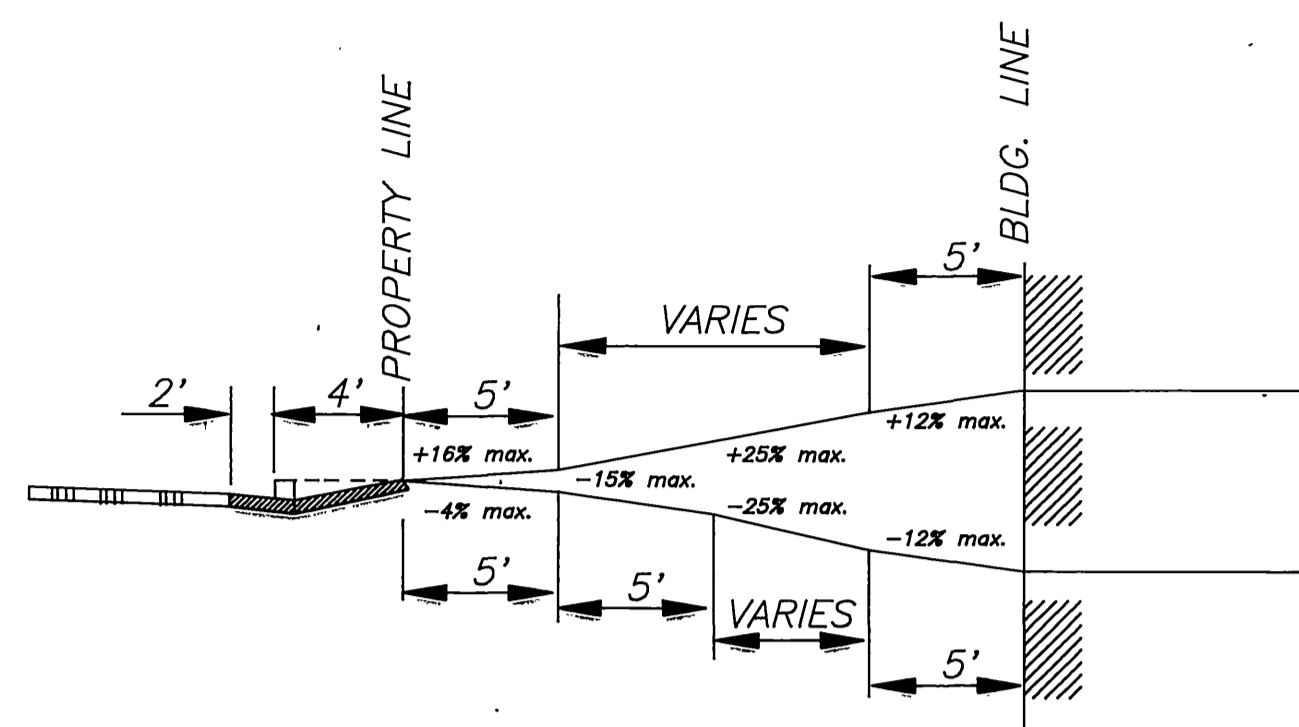
PROJECT NO. 92-13826  
EUCALYPTUS AVENUE:  
STREET, STORM DRAIN, &  
WATERLINE IMPROVEMENTS  
VALLEY SPRINGS PARKWAY TO DAY STREET

INDEX

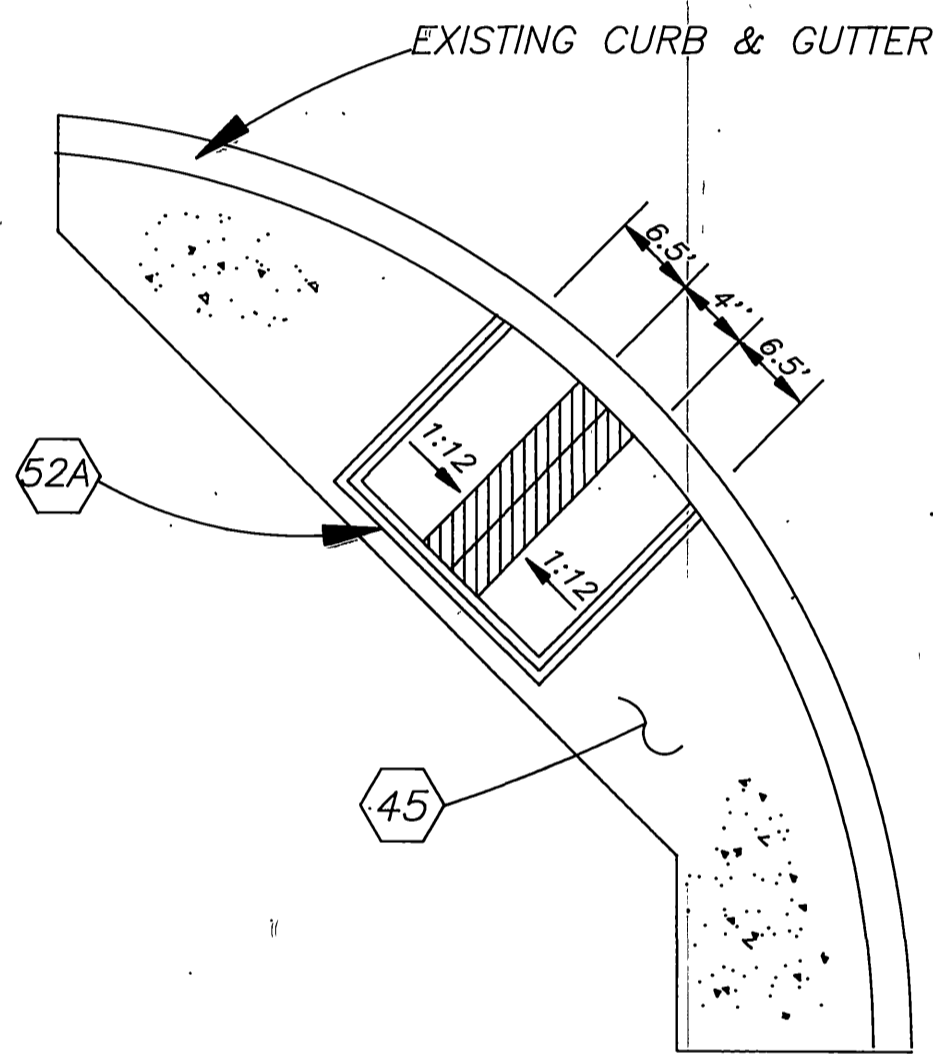
Sheet 2	Typical Sections/Notes
Sheet 3	Street Improvement Plan: Eucalyptus @ Valley Springs
Sheet 4	Street Improvement Plan: Eucalyptus @ Day
Sheet 5	Street Improvement Plan: Day @ Eucalyptus
Sheet 6	Storm Drain Plan
Sheet 7	Storm Drain Details
Sheet 8	Utility Plan
Sheet 9	Waterline Plan
Sheet 10	Waterline Plan
Sheet 11	Waterline Plan
Sheet 12	Traffic Signal Modification Plan
Sheet 13	Striping Plan
Sheet 14	Striping Plan

CITY OF RIVERSIDE  
APPROVED BY  
*[Signature]*  
PUBLIC WORKS DIRECTOR  
DATE 5/18/93 R.C.E. 20950

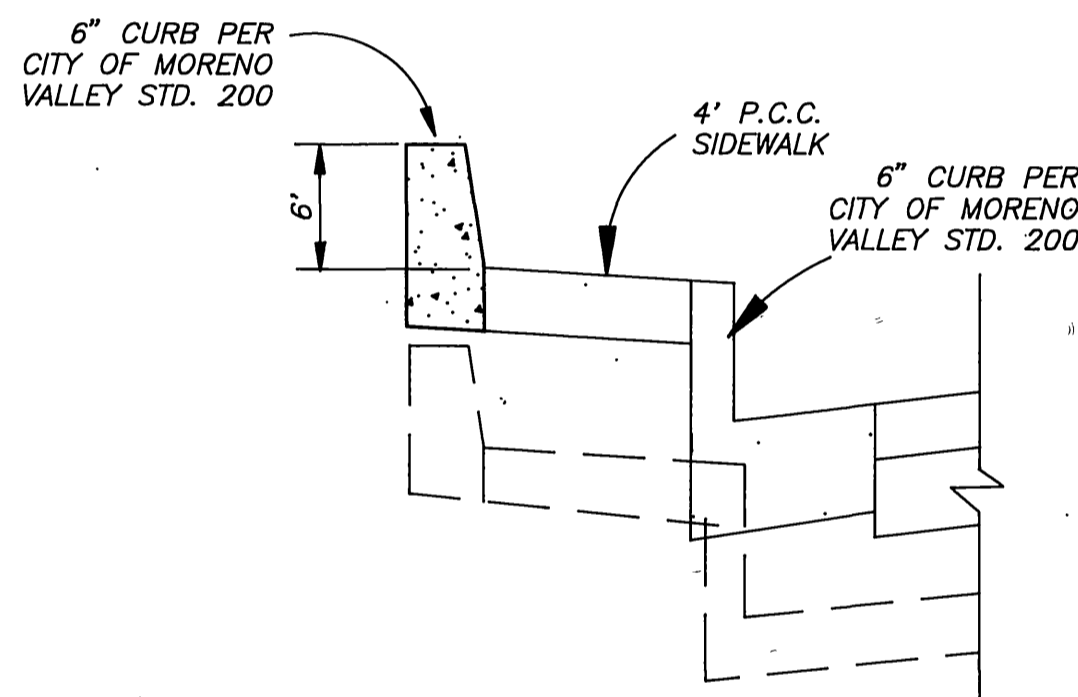
BENCH MARK: M-62-69 BRASS DISK TOP OF CONCRETE POST, ON DAY ST. BETWEEN ALESSANDRO BLVD. & SHERMAN AVE., 49' E. OF DAY ST. 28' N.E. OF POWER POLE NO. 75208 ELEV.: 1551.102 M.S.L.	MARK	REVISIONS	APPR. DATE	DESIGNED BY D.R. DRAWN BY M.D. CHECKED BY J.T.H.	<b>CITY OF MORENO VALLEY</b> <b>PUBLIC WORKS DEPARTMENT</b> APPROVED BY: <i>[Signature]</i> DATE: 3-17-93 CITY TRAFFIC ENGINEER: 1-16-93 AK PRINCIPAL ENGINEER: 2-11-93 JS OPERATIONS Supt.: 3-12-93 CH PUBLIC WORKS DIRECTOR: <i>[Signature]</i> DATE: 3-31-93	<b>TITLE SHEET</b> <b>EUCALYPTUS AVENUE</b> STREET, STORM DRAIN, AND WATERLINE IMPROVEMENTS SCALE: 1"=40' INDEXED 5-24-93 GH	ACCT. NO. 013-X826-631 R-2337 SHEET 1 OF 14 PROJECT NO. 92-13826
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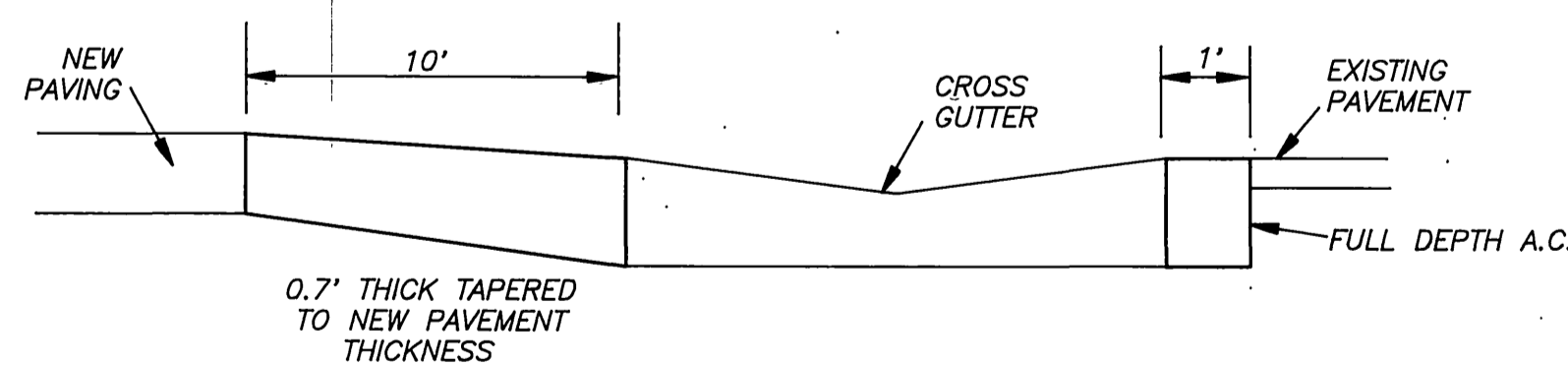
**TYPICAL DRIVEWAY SECTION**  
NOT TO SCALE



**ACCESS RAMP DETAIL**  
MODIFICATION OF CITY OF MORENO VALLEY  
STANDARD PLAN NO. 214A  
NOT TO SCALE



**TYPICAL SECTION**  
6" CURB BEHIND SIDEWALK  
NORTH SIDE OF EUCALYPTUS AVE.  
STA. 210+86 TO STA. 217+70  
STA. 220+00 TO STA. 221+75  
NOT TO SCALE

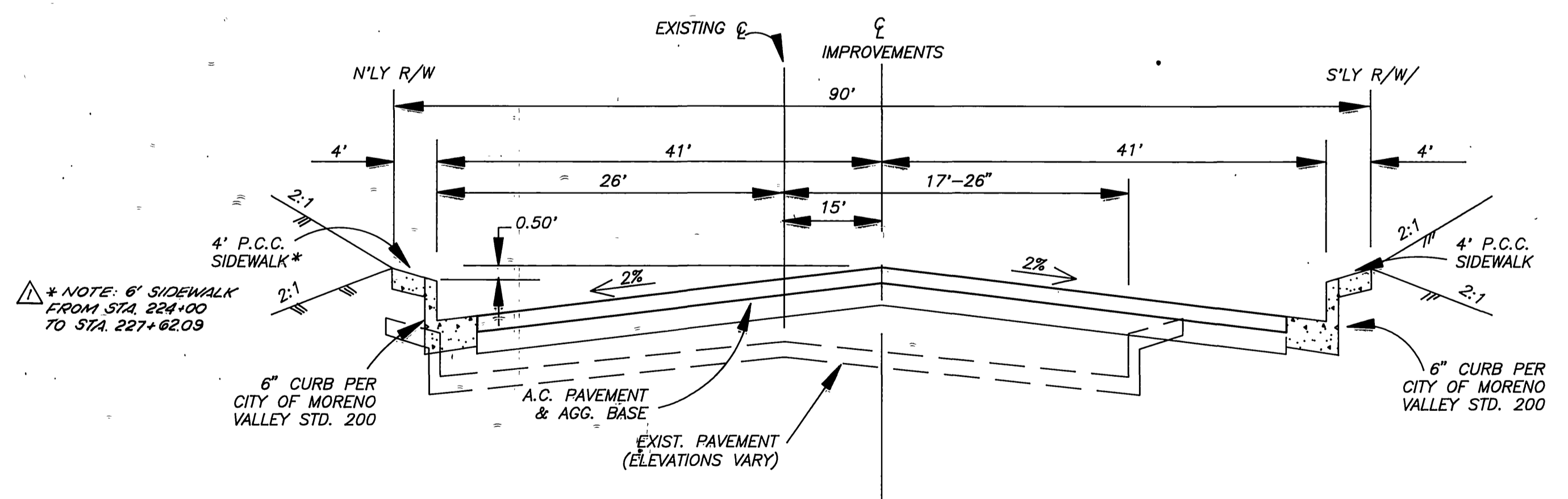


**TYPICAL SECTION**  
A.C. PATCH FOR  
CROSS GUTTERS AND SPANDRELS  
NOT TO SCALE

**LEGEND**

EXIST. CONTOUR LINE	— 1550 —
EXIST. FENCE	— X — X —
EXIST. TREE/BUSH	
EXIST. STRUCTURE	
EXIST. SPOT ELEVATION	• 1550.8
EXIST. POWER POLE	•
EXIST. GAS MAIN	— G —
EXIST. TELEPHONE LINE	— T —
EXIST. WATER MAIN	— W —
EXIST. SEWER MAIN	— S —
EXISTING FIRE HYDRANT	○ H
EXIST. MAIL BOX	□
EXIST. WATER METER	□ WM
EXIST. PULL BOX	□ PB
EXIST. CURB & GUTTER	=====
PROPOSED CURB & GUTTER	=====
PROPOSED P.C.C. SIDEWALK	=====
PROPOSED A.C. PAVEMENT	=====
PROPOSED WATER MAIN	— W —
PROPOSED STORM DRAIN	— 18" R.C.P. —
PROPOSED CURB INLET	□

- CONSTRUCTION NOTES**
- 1) PROTECT IN PLACE
  - 2) REMOVE EXISTING IMPROVEMENT
  - 5) REMOVE EXISTING TREES
  - 6) RELOCATE FIRE HYDRANT & VALVE (WET-TAP)
  - 7) RELOCATE STREET LIGHT PER CITY OF RIVERSIDE
  - 8) RELOCATE TREE
  - 9) RELOCATE SIGN PER STRIPING PLAN
  - 10) RELOCATE EXISTING MAILBOX
  - 11) RELOCATE EXISTING FENCE
  - 12) INSTALL 4' CHAIN LINK FENCE
  - 22) SAWCUT TO MATCH EXISTING
  - 24) REMOVE EXISTING A.C. PAVEMENT, BASE, SUBGRADE TO A DEPTH SUFFICIENT TO CONSTRUCT NEW PAVEMENT SECTION
  - 31) CONST. 0.5' A.C. OVER 1.10' CL. II AGGREGATE BASE
  - 33) CONSTRUCT 3" THICK A.C. OVERLAY
  - 36) CONSTRUCT 6" THICK A.C. DRIVEWAY
  - 39) CONSTRUCT 6" CURB PER CITY OF MORENO VALLEY STD. NO. 202
  - 43) CONSTRUCT 6" P.C.C. CURB & GUTTER PER CITY OF MORENO VALLEY STD. NO. 200
  - 44) CONSTRUCT 8" P.C.C. CURB & GUTTER PER CITY OF MORENO VALLEY STD. NO. 201
  - 45) CONSTRUCT 4" THICK P.C.C. SIDEWALK PER CITY OF MORENO VALLEY STD. NO. 210
  - 46) CONSTRUCT 3" THICK A.C. OR 4" THICK P.C.C. DRIVEWAY TO MATCH UNLESS OTHERWISE NOTED
  - 47) CONSTRUCT 6" THICK P.C.C. DRIVEWAY APPROACH PER CITY OF MORENO VALLEY STD. NO. 117 UNLESS OTHERWISE NOTED ON PLANS
  - 48) CONSTRUCT 6" A.C. BERM PER CITY OF MORENO VALLEY STD. NO. 207
  - 49) CONSTRUCT 8" THICK P.C.C. COMMERCIAL DRIVEWAY APPROACH PER CITY OF MORENO VALLEY STD. NO. 118
  - 52) CONSTRUCT P.C.C. ACCESS RAMP PER CITY OF MORENO VALLEY STD. NO. 214A
  - 52A) CONSTRUCT P.C.C. ACCESS RAMP PER CITY OF MORENO VALLEY STD. NO. 214A AS MODIFIED PER DETAIL
  - 55) CONSTRUCT 8" THICK P.C.C. CROSS-GUTTER PER CITY OF MORENO VALLEY STD. NO. 209
  - 58) GRADE SHOULDER AS SHOWN ON PLANS AND TYPICAL SECTION
  - 59) GRADE 2:1 SLOPE
  - 62) ADJUST TO GRADE BY SOUTHERN CALIFORNIA EDISON
  - 63) ADJUST TO GRADE WATER VALVE, WATER METER & MANHOLE PER EASTERN MUNICIPAL WATER DISTRICT STANDARD PLAN NO. A-492
  - 64) ADJUST TO GRADE BY GTE
  - 65) ADJUST TO GRADE MANHOLE & WATER VALVE PER WESTERN MUNICIPAL WATER DISTRICT STD.
  - 66) ADJUST TO GRADE MANHOLE & WATER VALVE PER EDMONT MUTUAL WATER CO. STD.
  - 67) RELOCATE BY BOX SPRINGS MUTUAL WATER CO.

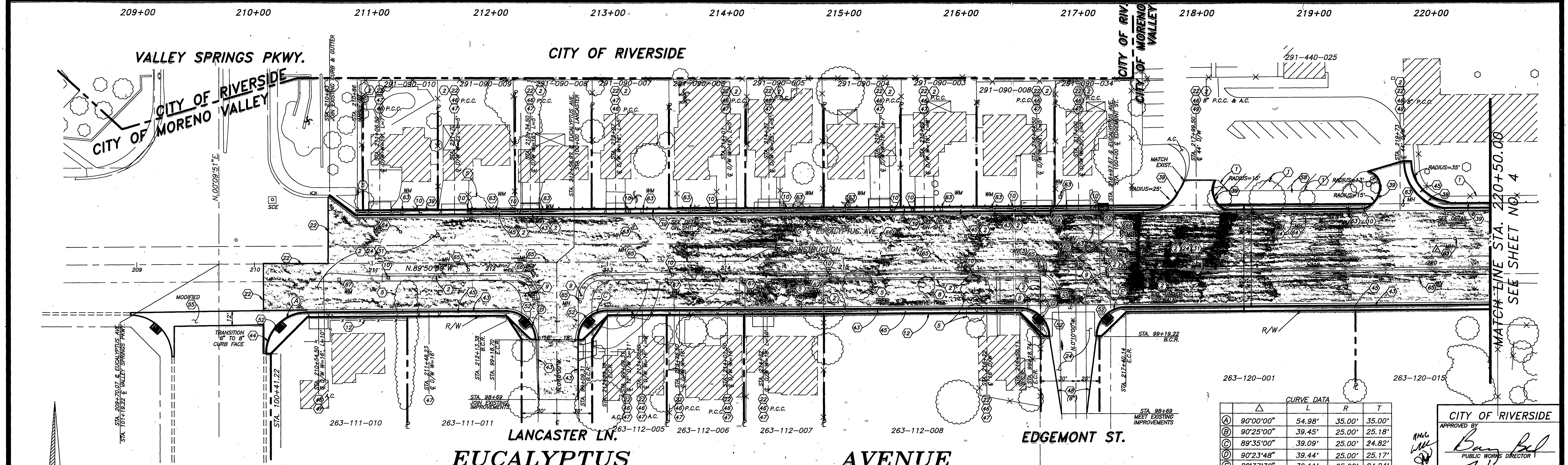
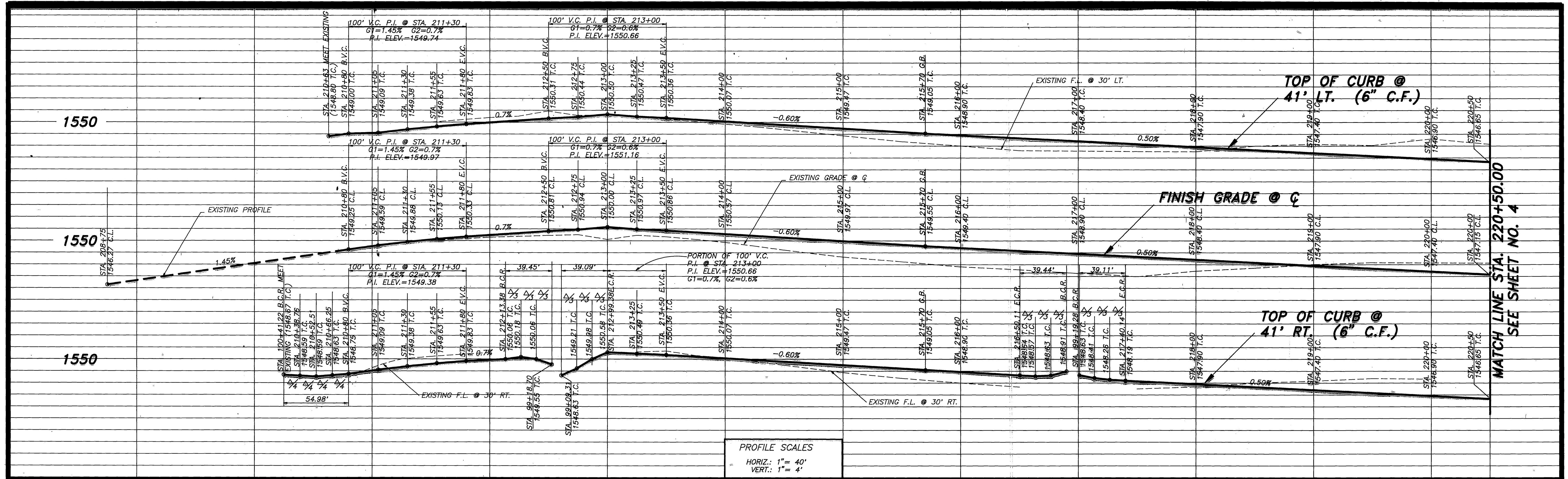


**EUCALYPTUS AVENUE**  
**TYPICAL SECTION**  
NOT TO SCALE

T.I. = 10.00 0.5' A.C. OVER 1.1 A.B. CL. II  
NOTE: PAVEMENT SECTION PER RECOMMENDATIONS IN SOILS  
REPORT PREPARED BY KLEINFELDER, DATED APRIL 1, 1991

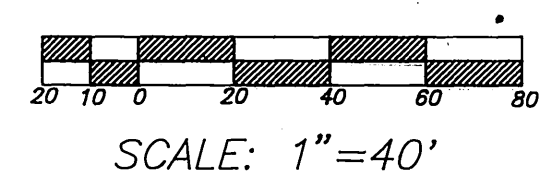
CITY OF RIVERSIDE  
APPROVED BY  
*[Signature]*  
PUBLIC WORKS DIRECTOR  
DATE 5/18/93 R.C.E. 20200

BENCH MARK: M-62-69 BRASS DISK TOP OF CONCRETE POST, ON DAY ST. BETWEEN ALESSANDRO BLVD. & SHERMAN AVE., 49° E. OF DAY ST. 28° N.E. OF POWER POLE NO. 75208 ELEV.: 1551.102 M.S.L.	<b>CITY OF MORENO VALLEY</b> <b>PUBLIC WORKS DEPARTMENT</b>		<b>DETAILS AND NOTES</b> <b>EUCALYPTUS AVENUE</b> STREET, STORM DRAIN, AND WATERLINE IMPROVEMENTS		ACCT. NO. 013-X826-631
	APPROVED BY CITY TRAFFIC ENGINEER 3-16-93 AK PRINCIPAL ENGINEER 3-11-93 JS OPERATIONS SUPT. 3-12-93 LH	DATE 3-17-93 R.C.E. 29459	APPROVED BY <i>[Signature]</i> PUBLIC WORKS DIRECTOR	DATE 5/18/93 R.C.E. 20200	R-3337 SHEET 2 OF 14 PROJECT NO. 92-13826



CURVE DATA				
Δ	L	R	T	
④	90°00'00"	54.98'	35.00'	35.00'
⑤	90°25'00"	39.45'	25.00'	25.18'
⑥	89°35'00"	39.09'	25.00'	24.82'
⑦	90°23'48"	39.44'	25.00'	25.17'
⑧	89°37'30"	39.11'	25.00'	24.84'

CITY OF RIVERSIDE  
 APPROVED BY  
*Benny D. McCall*  
 PUBLIC WORKS DIRECTOR  
 DATE 5/18/93 R.C.E. 20100



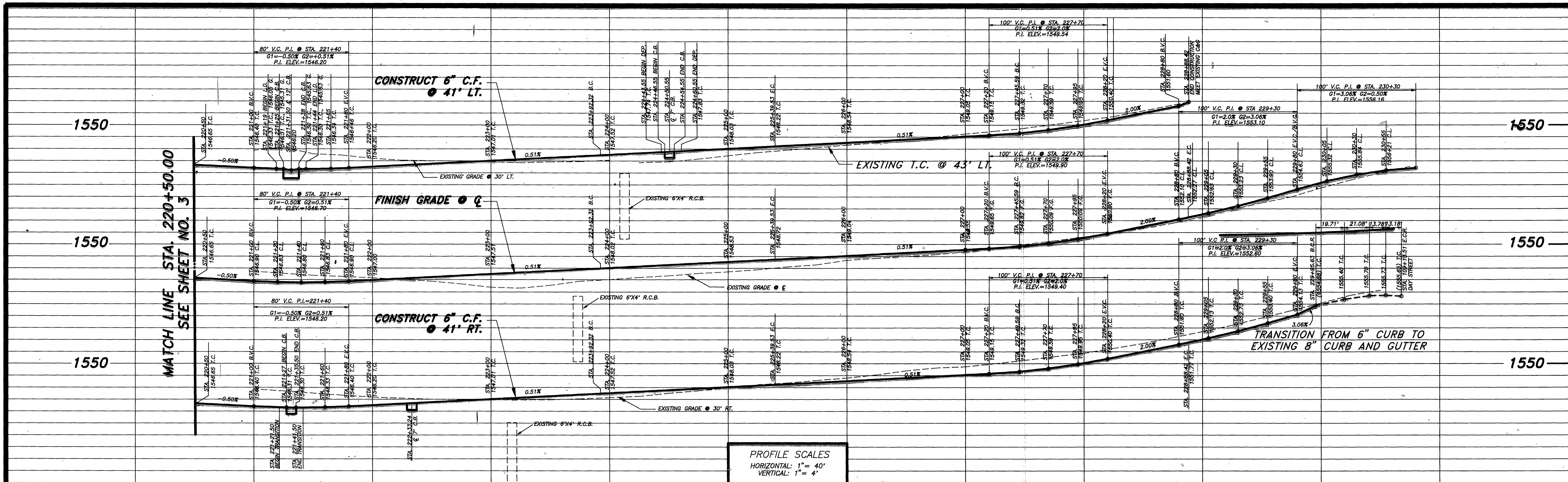
BENCH MARK: M-62-69  
 BRASS DISK TOP OF CONCRETE  
 POST, ON DAY ST. BETWEEN  
 ALESSANDRO BLVD. & SHERMAN  
 AVE., 49° E. OF DAY ST. 28' N.E.  
 OF POWER POLE NO. 75208  
 ELEV.: 1551.102 M.S.L.

MARK	REVISIONS	APPR	DATE
Δ	CORRECTED UTILITIES (GFE)		4/93

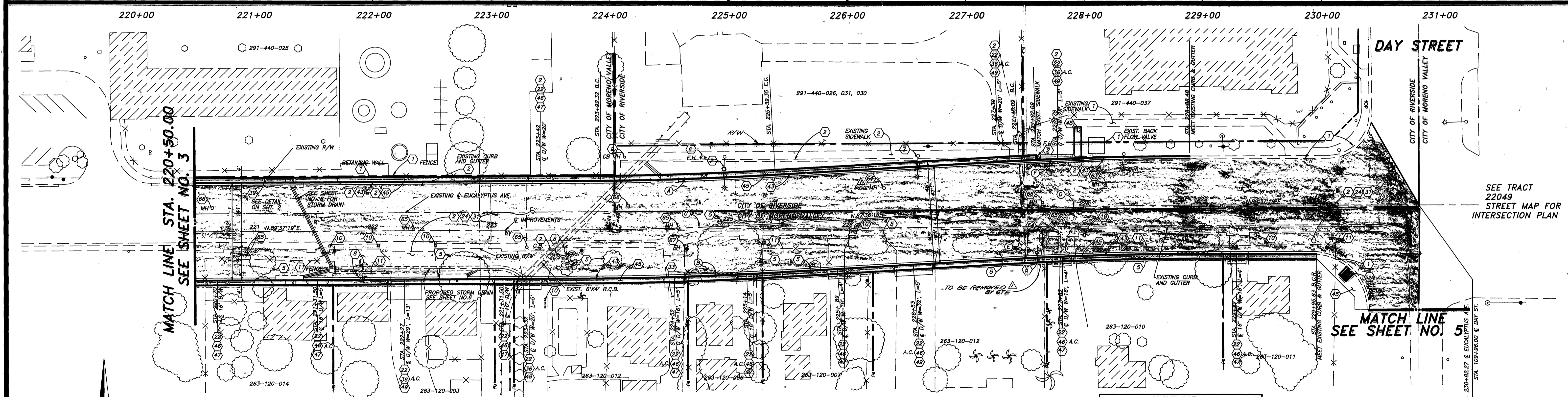
CITY OF MORENO VALLEY  
 PUBLIC WORKS DEPARTMENT  
 APPROVED BY DATE BY  
 CITY TRAFFIC ENGINEER 3-16-93 AK  
 PRINCIPAL ENGINEER 3-11-93 BS  
 OPERATIONS SUPT. 3-12-93 CH  
 APPROVED BY DATE BY  
*Benny D. McCall*  
 PUBLIC WORKS DIRECTOR  
 DATE 3-31-93 R.C.E. 29459

STREET IMPROVEMENT PLAN  
 ACC. NO. 013-X826-631  
**EUCALYPTUS AVENUE**  
 STA. 209+70.23 TO STA. 220+50.00  
**R-3337**  
 SHEET 3 OF 14  
 PROJ. NO. 92-13826  
 HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 4'

INDEXED 5-28-93 LHT



PROFILE SCALES  
 HORIZONTAL: 1" = 40'  
 VERTICAL: 1" = 4'



MATCH LINE STA. 220+50.00  
 SEE SHEET NO. 3

MATCH LINE  
 SEE SHEET NO. 5

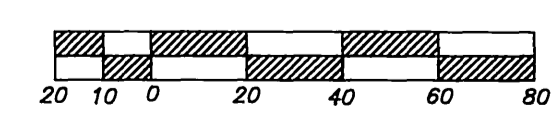
# EUCALYPTUS AVENUE

SEE SHEET NO. 2 FOR CONSTRUCTION NOTES

CURVE DATA				
(A)	3000'	02°48'25"	145.23'	72.63'
(B)	3082'	02°48'25"	149.20'	74.61'
(C)	3041'	02°48'25"	147.21'	73.62'
(D)	3000'	02°48'25"	145.23'	72.63'
(E)	2918'	02°48'25"	141.26'	70.64'
(F)	2959'	02°48'25"	143.24'	71.63'

CITY OF RIVERSIDE  
 APPROVED BY *[Signature]*  
 PUBLIC WORKS DIRECTOR  
 DATE 5/18/93 R.C.E. 20900

SCALE: 1" = 40'



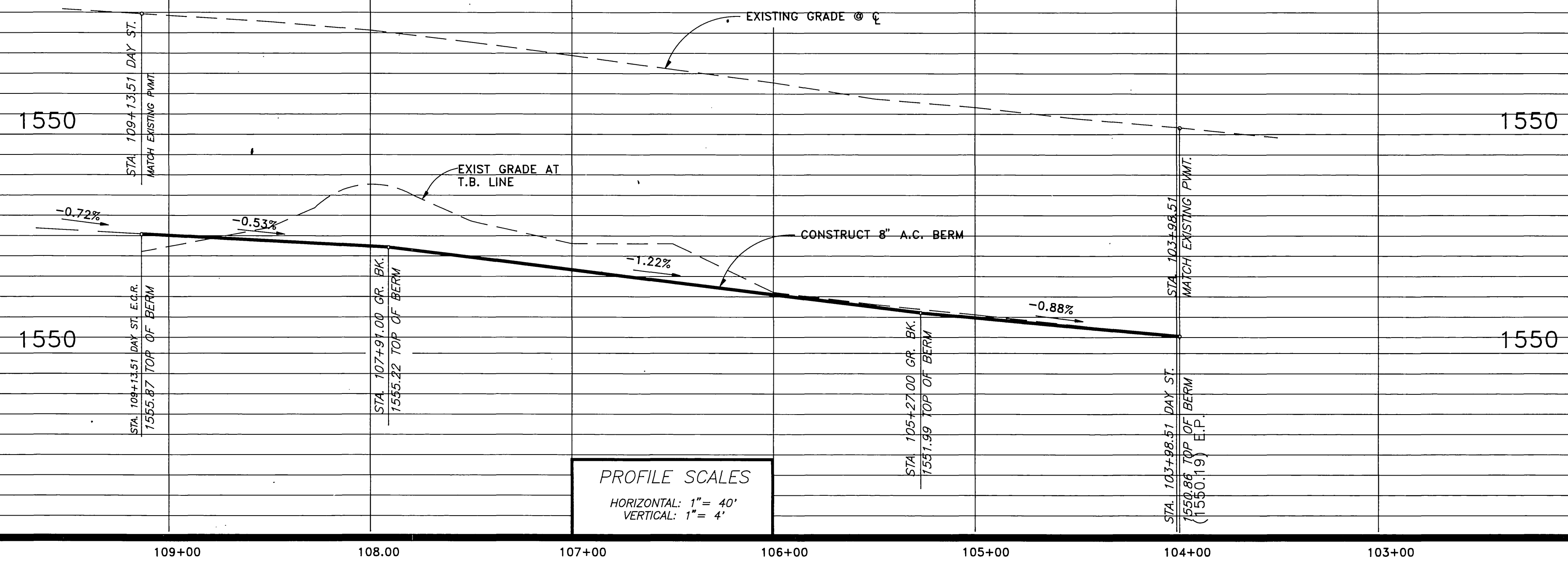
BENCH MARK: M-62-69  
 BRASS DISK TOP OF CONCRETE  
 POST, ON DAY ST. BETWEEN  
 ALESSANDRO BLVD. & SHERMAN  
 AVE., 49' E. OF DAY ST. 28'  
 NE. OF POWER POLE NO. 7520B  
 ELEV.: 1551.102 M.S.L.

MARK	REVISIONS	APPR	DATE
Δ	CORRECTED UTILITIES (GTE)		4/93

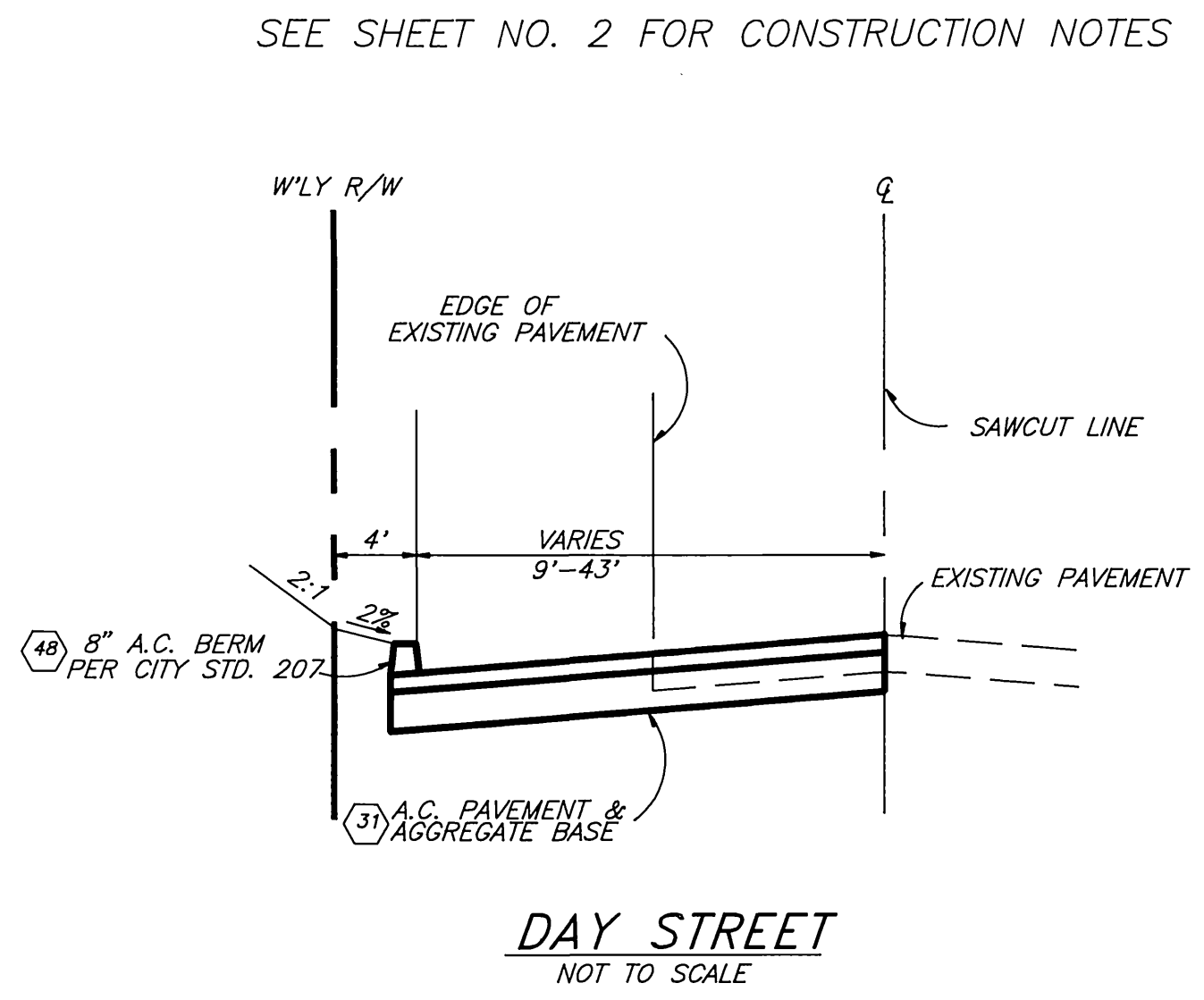
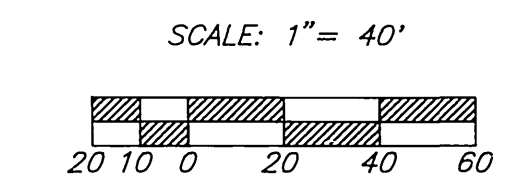
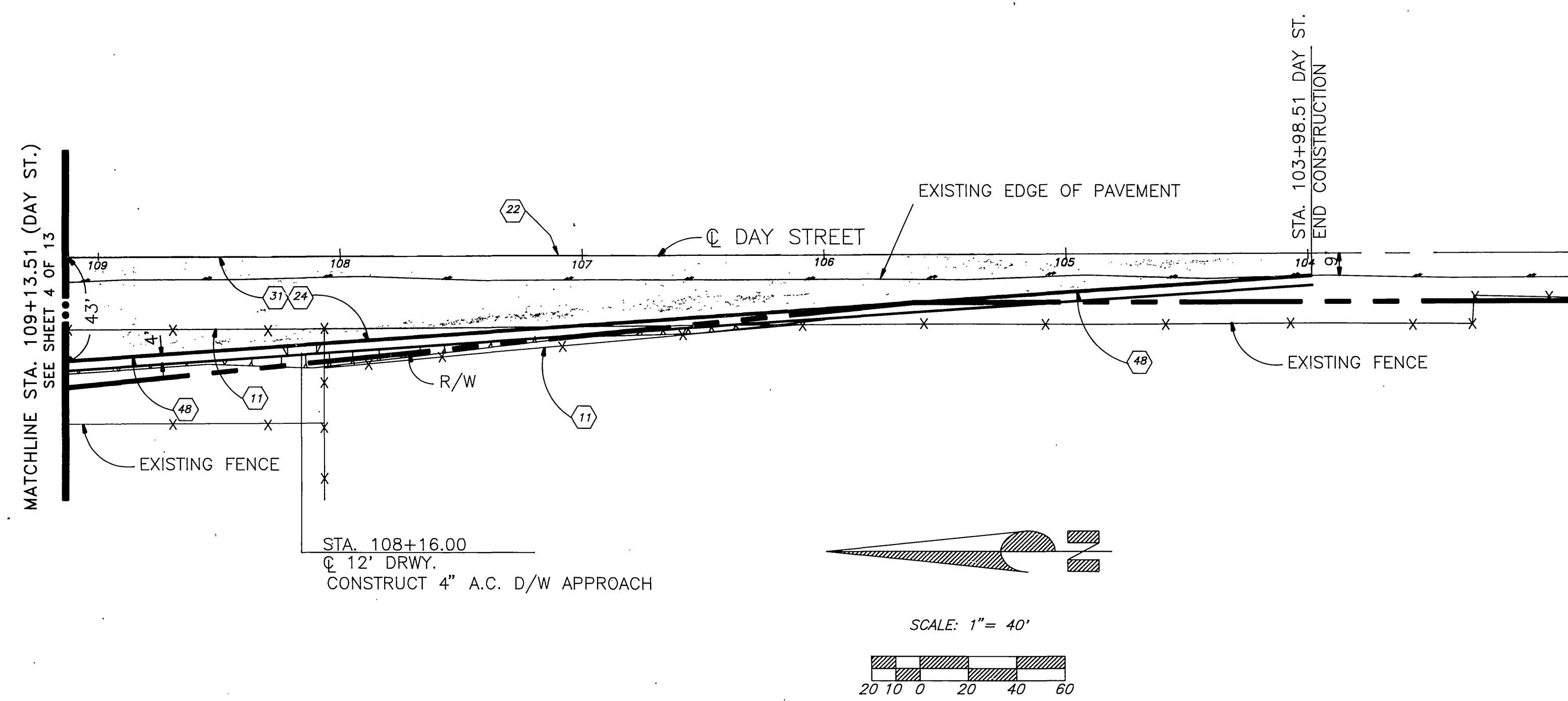
DESIGNED BY D.R. DRAWN BY M.D. CHECKED BY J.T.H.

**CITY OF MORENO VALLEY**  
**PUBLIC WORKS DEPARTMENT**  
 APPROVED BY *[Signature]*  
 CITY TRAFFIC ENGINEER  
 PRINCIPAL ENGINEER  
 OPERATIONS SUPT.  
 DATE 3-17-93 R.C.E. 29459

**STREET IMPROVEMENT PLAN** ACC. NO. 013-XB26-631  
**EUCALYPTUS AVENUE**  
 STA. 220+50.00 TO STA. 230+82.27  
**R-3337**  
 SHEET 4 OF 14  
 HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 4'  
 PROJ. NO. 92-13826



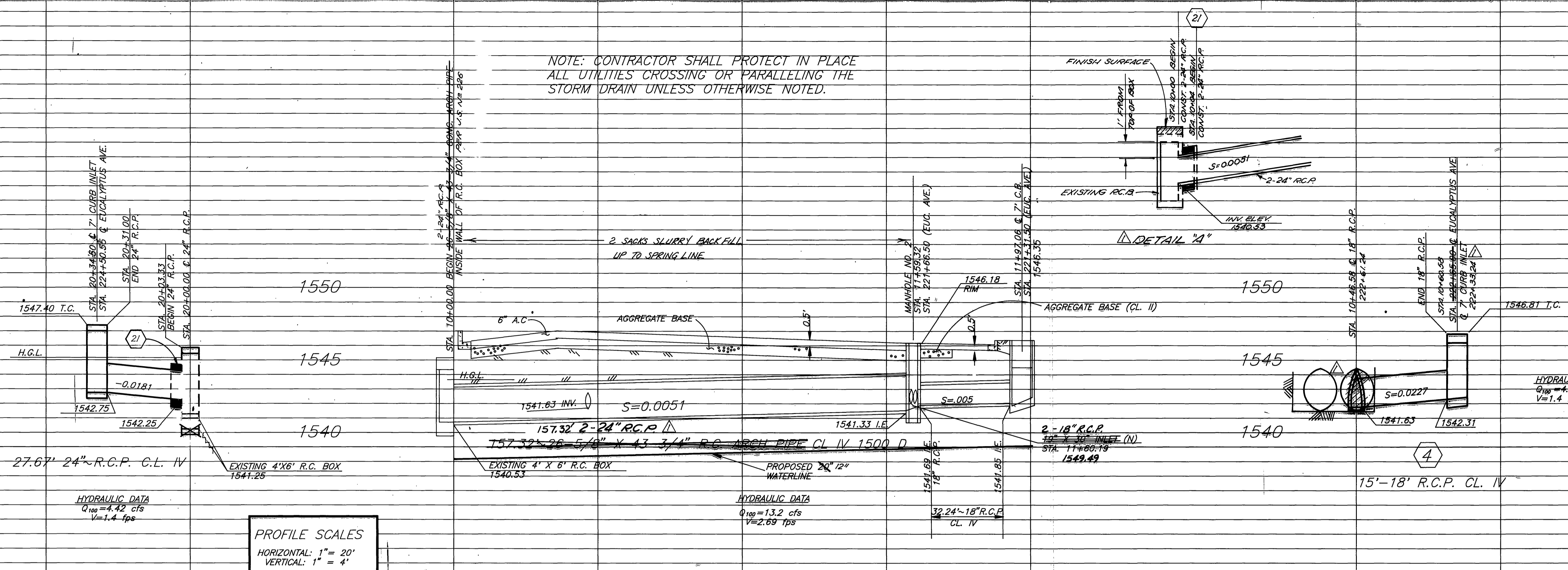
PROFILE SCALES  
 HORIZONTAL: 1" = 40'  
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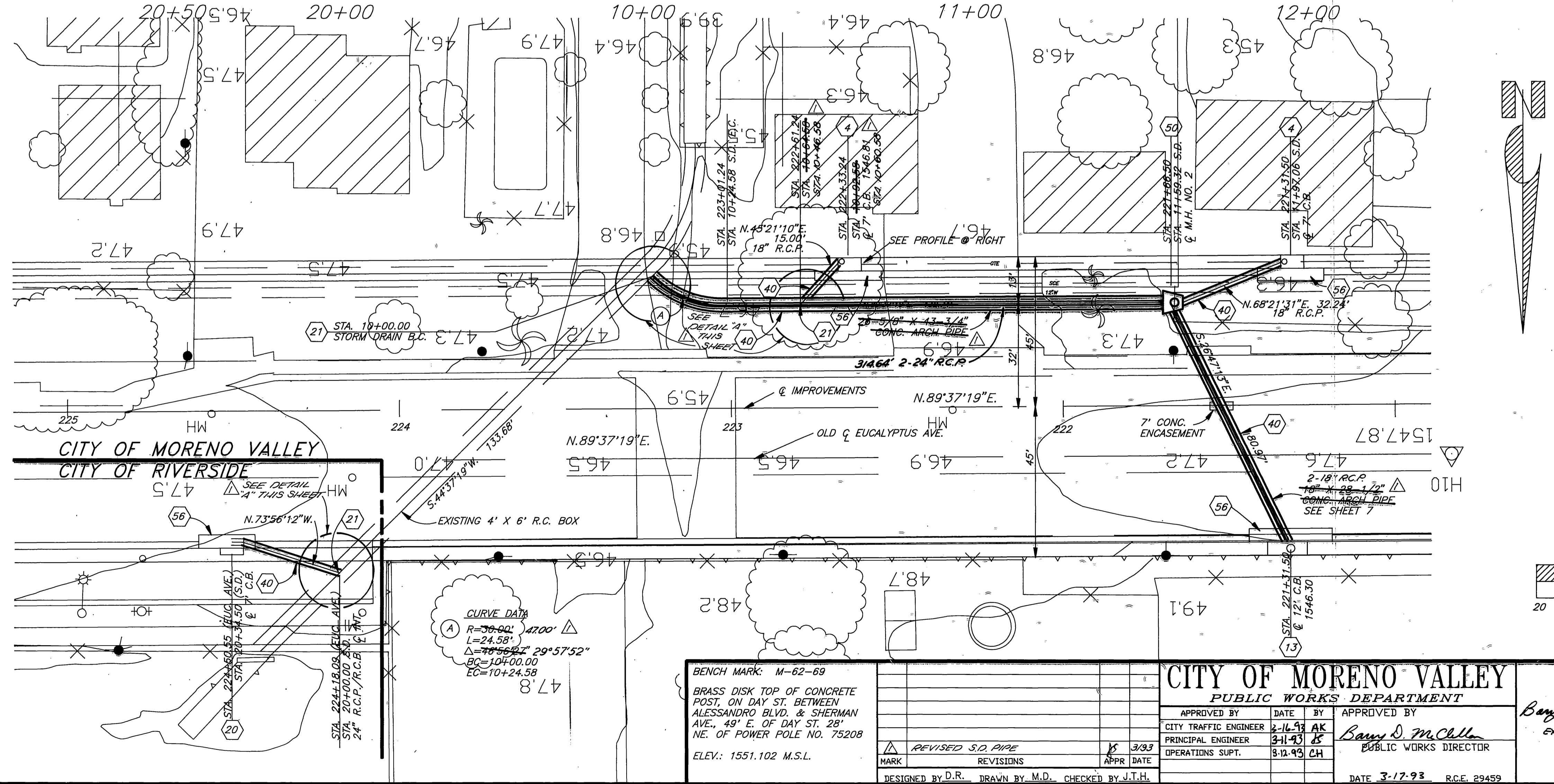
BENCH MARK: M-62-69  BRASS DISK TOP OF CONCRETE POST, ON DAY STREET BETWEEN ALESSANDRO BLVD. & SHERMAN AVE., 45' E. OF DAY ST. 28' NE. OF POWER POLE NO. 75208 ELEV. 1551.102 M.S.L.	<b>CITY OF MORENO VALLEY</b> PUBLIC WORKS DEPARTMENT			<b>STREET IMPROVEMENT PLAN</b> ACC. NO. 92-X898-631	
	MARK: _____ REVISIONS: _____ DESIGNED BY: D.R. DRAWN BY: M.D. CHECKED BY: D.R.	APPROVED BY: _____ CITY TRAFFIC ENGINEER: 3-16-93 AK PRINCIPAL ENGINEER: 3-11-93 K OPERATIONS SUPT.: 3-12-93 CH	DATE: 3-17-93 R.C.E. 29459	APPROVED BY: _____ PUBLIC WORKS DIRECTOR: Barry D. McCall DATE: 3-31-93	<b>DAY STREET</b> SOUTH OF EUCALYPTUS SHEET 5 OF 14 HORIZ. SCALE 1" = 40' VERT. SCALE 1" = 4' PROJ. NO. 92-13826

INDEXED 5-28-93 GH

NOTE: CONTRACTOR SHALL PROTECT IN PLACE ALL UTILITIES CROSSING OR PARALLELING THE STORM DRAIN UNLESS OTHERWISE NOTED.



PROFILE SCALES  
HORIZONTAL: 1" = 20'  
VERTICAL: 1" = 4'

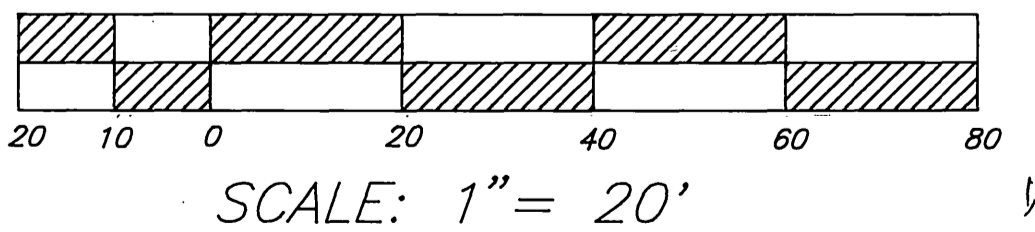


**STORM DRAIN CONSTRUCTION NOTES**

- ALL STANDARD PLAN NOS. REFER TO RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT STANDARDS.
- ④ C.B. NO.1 W=7', V=4.5', 32.24'-18" R.C.P. CL.IV
  - ⑬ C.B. NO.1. W=12', V=3.3', 83.68'-19"X30" ARC CL.IV
  - ⑳ C.B. NO. 6 W=7', V=4.6', 27.17'-24" R.C.P. CL.IV
  - ㉑ CONNECT S.D. R.C.P. TO EXISTING R.C. BOX PER JUNCTION STRUCTURE NO. 1 CASE J.S.NO.226
  - ④0 CONSTRUCT REINFORCED CONCRETE PIPELINE PER PLAN AND PROFILE
  - ⑤0 CONSTRUCT MANHOLE NO.2 PER M.H. 252
  - ⑤4 CONSTRUCT LOCAL DEPRESSION PER LD 201 CASE "C"
  - ⑤6 CONSTRUCT LOCAL DEPRESSION PER LD 201 CASE "B"

**NOTE**

A RECTANGULAR OPENING SHALL BE CUT NEATLY IN THE R.C.B. WALL, WITHIN THE LIMITS OF THE PROPOSED JUNCTION STRUCTURE WITHOUT DAMAGING THE STEEL. CONFLICTING EXISTING BARS SHALL BE CUT IN THE CENTER OF THE OPENING AND BENT INTO TOP AND BOTTOM OF SPLICE.

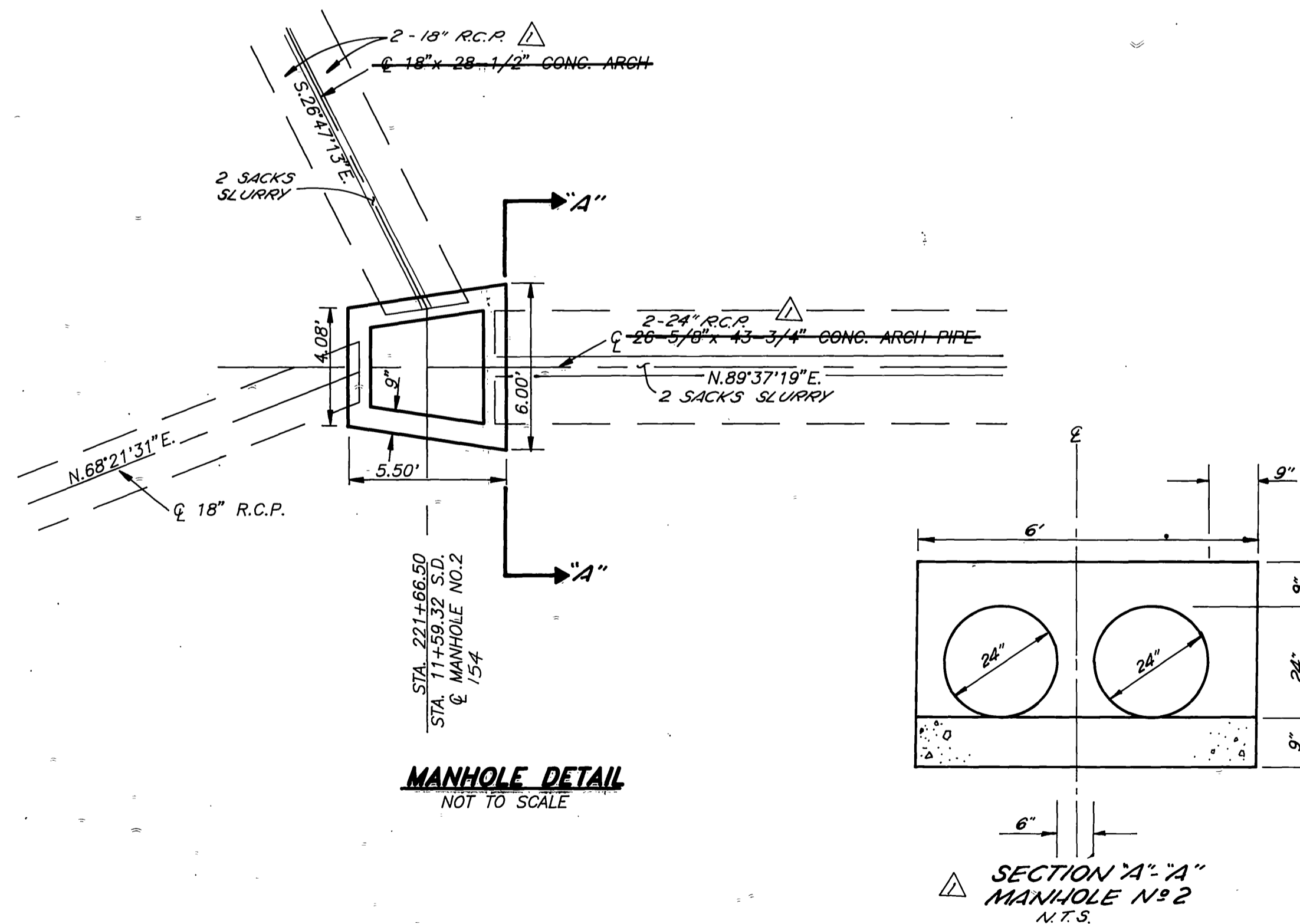
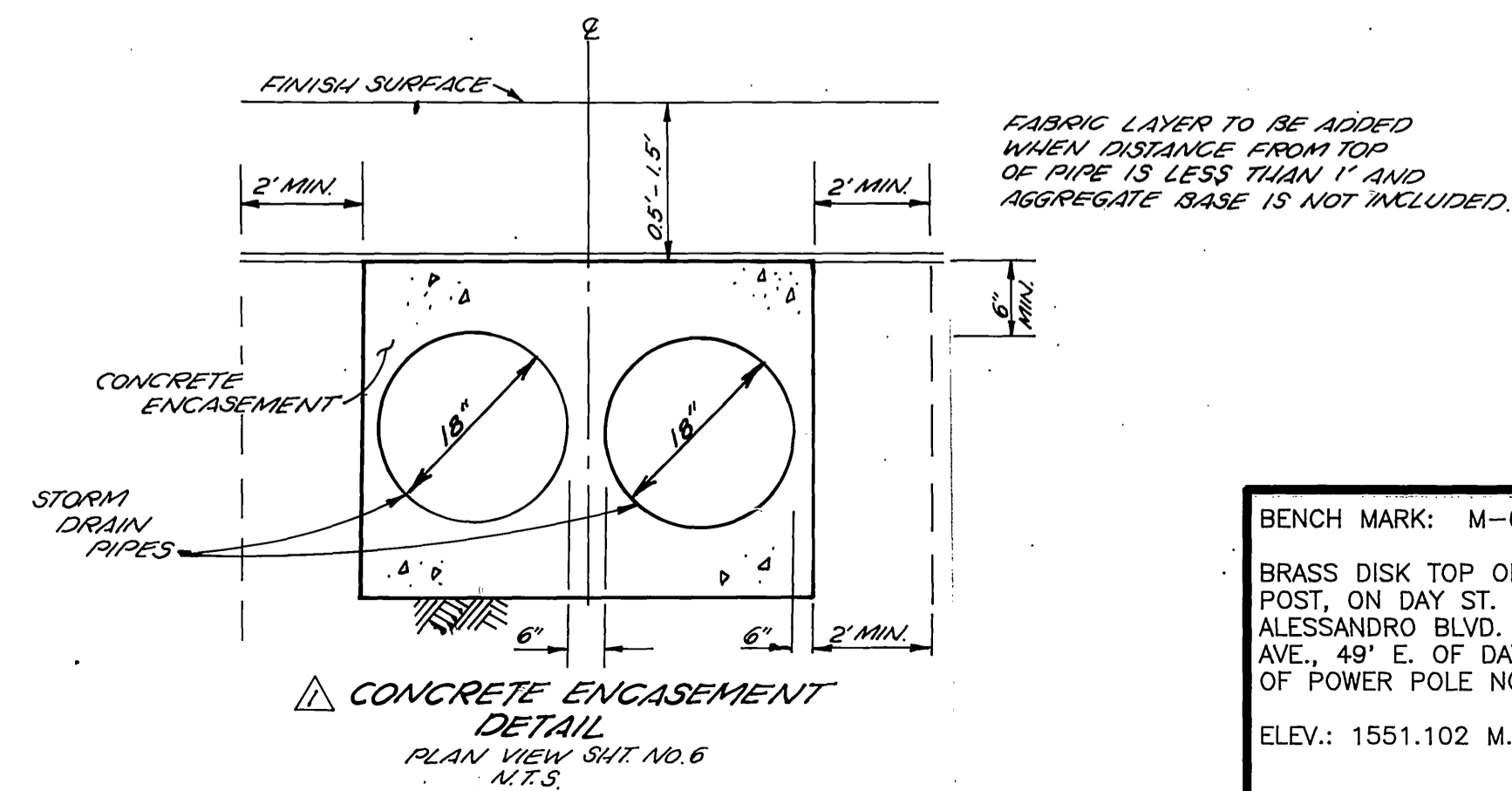
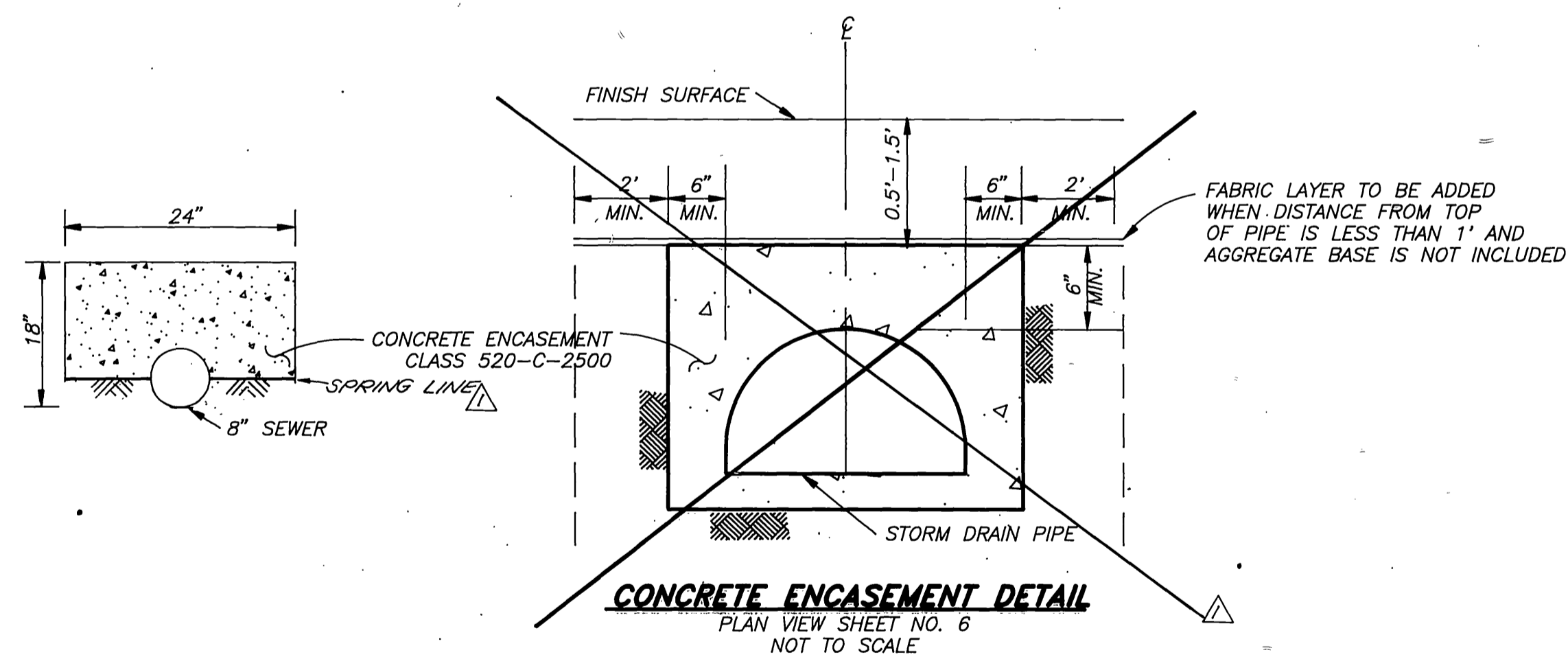
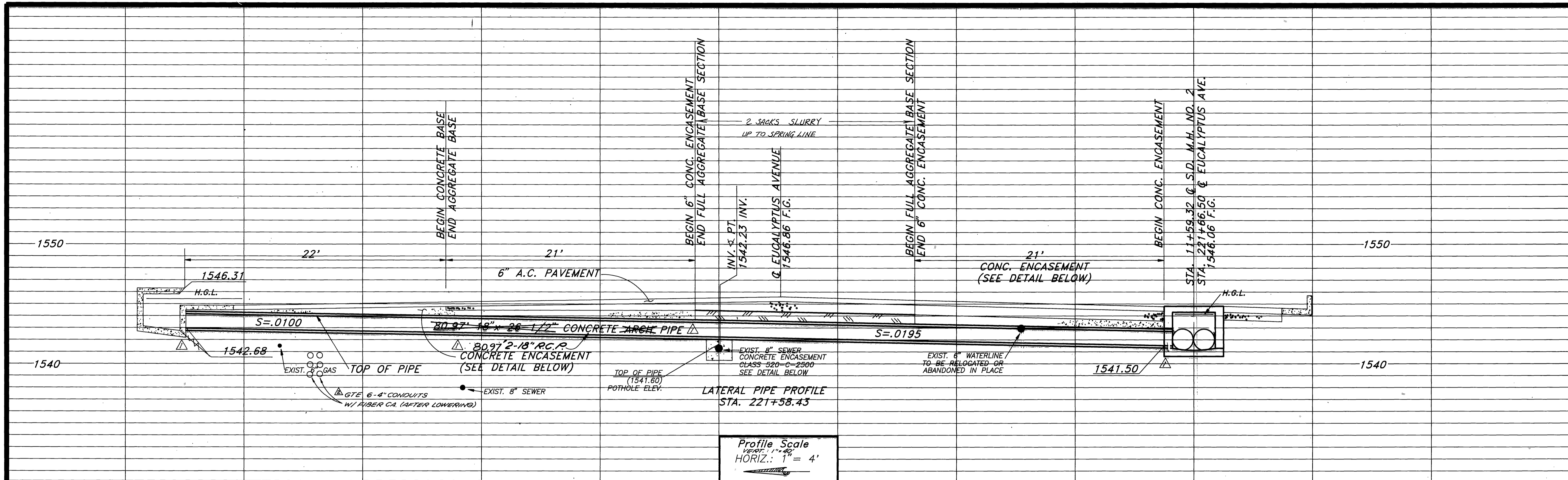


SCALE: 1" = 20'

BENCH MARK: M-62-69	
BRASS DISK TOP OF CONCRETE POST, ON DAY ST. BETWEEN ALESSANDRO BLVD. & SHERMAN AVE., 49' E. OF DAY ST. 28' NE. OF POWER POLE NO. 75208	
ELEV.: 1551.102 M.S.L.	
DESIGNED BY: D.R.	DRAWN BY: M.D.
CHECKED BY: J.T.H.	

CITY OF MORENO VALLEY PUBLIC WORKS DEPARTMENT			
APPROVED BY	DATE	BY	APPROVED BY
CITY TRAFFIC ENGINEER	2-14-93	AK	Barry S. McClure
PRINCIPAL ENGINEER	3-11-93	JK	BARRY S. MCCLURE
OPERATIONS SUPT.	3-12-93	CH	PUBLIC WORKS DIRECTOR
DATE	3-17-93 R.C.E. 29459		

CITY OF RIVERSIDE		APPROVED BY	
		PUBLIC WORKS DIRECTOR	
		DATE	
		R.C.E.	
CITY OF MORENO VALLEY PUBLIC WORKS DEPARTMENT			
STORM DRAIN PLAN & PROFILE		ACCT. NO.013-X826-631	
EUCALYPTUS AVENUE		R-3337	
VALLEY SPRINGS PARKWAY TO DAY STREET		SHEET 6 OF 14	
SCALE: HORIZ.: 1" = 20'		VERT.: 1" = 4'	
		PROJECT NO. 92-13826	



BENCH MARK: M-62-69  
BRASS DISK TOP OF CONCRETE POST, ON DAY ST. BETWEEN ALESSANDRO BLVD. & SHERMAN AVE., 49' E. OF DAY ST. 28' N.E. OF POWER POLE NO. 75208  
ELEV.: 1551.102 M.S.L.

MARK	REVISIONS	APPR	DATE
△	ADDED GTE CONDUIT		4/93
△	REVISED S.D. PIPE		3/93

DESIGNED BY D.R. DRAWN BY M.D. CHECKED BY J.T.H.

**CITY OF MORENO VALLEY**  
PUBLIC WORKS DEPARTMENT

APPROVED BY: *Bary D. McCall*  
DATE: 3-17-93  
BY: R.C.E. 29459

CITY TRAFFIC ENGINEER: 2-16-93 AK  
PRINCIPAL ENGINEER: 3-11-93 JK  
OPERATIONS SUPT.: 3-12-93 CH

**STORM DRAIN PROFILE & DETAILS**  
ACCT. NO. 013-X826-631

**EUCALYPTUS AVENUE**  
R-3337

SHEET 7 OF 14  
PROJECT NO. 92-13826

VALLEY SPRINGS PKWY.

CITY OF RIVERSIDE

NOTIFICATIONS

1. CONTRACTOR SHALL NOTIFY CITY OF MORENO VALLEY ENGINEERING DEPARTMENT AT (909) 243-3120 AT LEAST 48 HOURS IN ADVANCE OF STARTING CONSTRUCTION.
2. CONTRACTOR SHALL NOTIFY CITY OF RIVERSIDE AT (909) 782-5671 AT LEAST 48 HOURS IN ADVANCE OF STARTING CONSTRUCTION.
3. CONTRACTOR SHALL NOTIFY RIVERSIDE COUNTY FLOOD CONTROL DISTRICT AT (909) 275-1200 AT LEAST 48 HOURS IN ADVANCE OF STARTING CONSTRUCTION.
4. CONTRACTOR SHALL NOTIFY THE FOLLOWING AT LEAST 48 HOURS PRIOR TO EXCAVATION:
  - A. SO. CALIF. GAS CO.
  - B. SO. CAL. EDISON CO.
  - C. GENERAL TELEPHONE CO.
  - D. UNDERGROUND SERVICE ALERT (USA) 1(800) 422-4133
5. SEVEN DAYS PRIOR TO THE START OF CONSTRUCTION, NOTICE SHALL BE GIVEN TO ALL RESIDENTS AND BUSINESSES ON THIS STREET.

CITY OF RIVERSIDE  
CITY OF MORENO VALLEY

SCHOOL

MATCH LINE STA. 220+50.00  
SEE BELOW LEFT

STA. 209+70.23 & EUCALYPTUS AVE.  
STA. 101+94.22 & VALLEY SPRINGS PARK.

STA. 209+70.07 & EUCALYPTUS AVE.  
STA. 101+94.22 & VALLEY SPRINGS PARK.

STA. 212+56.87 & EUCALYPTUS AVE.  
STA. 100+00 & LANCASTER

STA. 216+97.67 & EUCALYPTUS AVE.  
STA. 100+00 & EDMONT ST.

STA. 98+69  
MEET EXISTING IMPROVEMENTS

END STA. 220+50.00

LANCASTER LN.

EDGEMONT ST.

EUCALYPTUS AVENUE

EUCALYPTUS AVENUE

DAY STREET

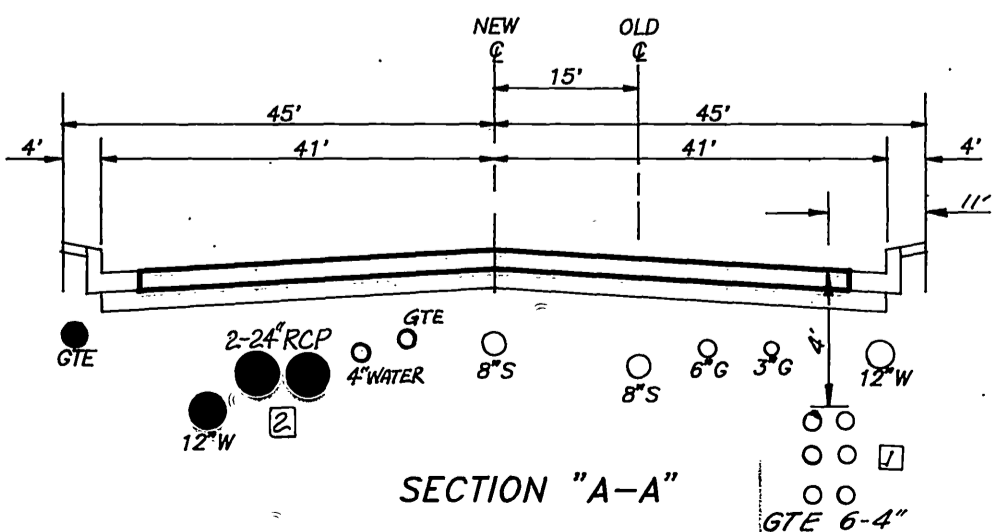
CITY OF RIVERSIDE

MATCH LINE STA. 220+50.00  
SEE ABOVE RIGHT

STA. 230+82.27 & EUCALYPTUS AVE.  
STA. 109+96.00 & DAY ST.

UTILITY NOTES

- ▲ EXISTING 4" WATERLINE (BOX SPRINGS M.W.CO.) REMOVE AS NECESSARY OR ABANDON IN PLACE.
- ▲ 8" V.C.P. SEWER (EDGEMONT C.S.D.)
- ▲ G.T.E. TELEPHONE
- ▲ 3" LINE SOUTHERN CALIFORNIA GAS CO.
- ▲ 12" WATERLINE (E.M.W.D.)
- ▲ EXISTING ELECTRIC (CITY OF RIVERSIDE)
- ▲ 8" V.C.P. SEWER (CITY OF RIVERSIDE)
- ▲ PROPOSED 12" WATERLINE (DESIGN BY W.M.W.D.) SEE SHEETS NOS. 9, 10 & 11.
- ▲ PROPOSED G.T.E. CABLE
- ▲ PROPOSED S.C.E. CABLE
- ▲ CONTRACTOR TO DIG 35" TRENCH FOR G.T.E. CABLE.
- ▲ CONTRACTOR TO DIG 50" TRENCH FOR G.T.E. CABLE.
- ▲ RELOCATE STREET LIGHT
- ▲ RELOCATE FIRE HYDRANT

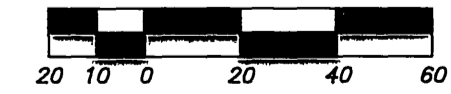


EUCALYPTUS AVENUE

EUCALYPTUS AVENUE

CITY OF RIVERSIDE  
APPROVED BY  
*[Signature]*  
PUBLIC WORKS DIRECTOR  
DATE 3/18/93 R.C.E. 28900

SCALE: 1"=40'



BENCH MARK: M-62-69  
BRASS DISK TOP OF CONCRETE POST, ON DAY ST. BETWEEN ALESSANDRO BLVD. & SHERMAN AVE., 49' E. OF DAY ST. 28' NE. OF POWER POLE NO. 75208  
ELEV.: 1551.102 M.S.L.

MARK	REVISIONS	APPR	DATE
□	REVISE STORM DRAIN		
□	REVISED G.T.E. TRENCHES &	4/93	
□	ADDED ADDRESS NOS.		

DESIGNED BY \_\_\_\_\_ DRAWN BY \_\_\_\_\_ CHECKED BY \_\_\_\_\_

CITY OF MORENO VALLEY PUBLIC WORKS DEPARTMENT			
APPROVED BY	DATE	BY	APPROVED BY
CITY TRAFFIC ENGINEER	3-16-93 AK		
PRINCIPAL ENGINEER	3-11-93 B	<i>[Signature]</i>	PUBLIC WORKS DIRECTOR
OPERATIONS SUPT.	3-12-93 CH		
DATE 3-17-93		R.C.E. 29459	

*[Signature]*  
E.P.A. 3-31-95

UTILITY PLAN		ACC. NO. 013-X826-637
EUCALYPTUS AVENUE VALLEY SPRINGS PARKWAY TO DAY STREET		R-3337
SCALE: 1" = 40'		SHEET 8 NO. 14
		PROJ. NO. 92-13826

INDEXED 5-28-93 CA



**RIVERSIDE COUNTY DEPARTMENT OF HEALTH**

SEWER LINE LAYOUT }  
 WATER LINE LAYOUT }  
 RECLAIMED WATER LINE LAYOUT }

THIS IS TO CERTIFY THAT THE RIVERSIDE COUNTY DEPARTMENT OF HEALTH APPROVES THE DESIGN OF THE ITEM(S) CHECKED ABOVE.

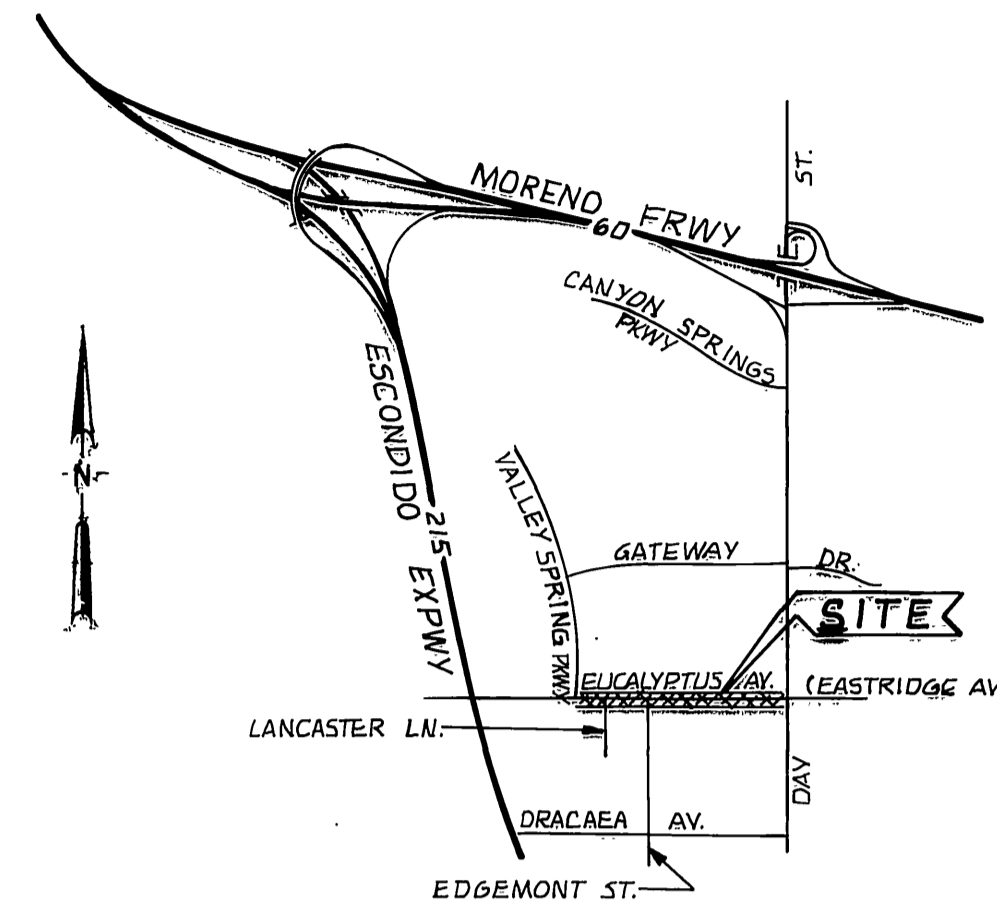
HEALTH OFFICIAL \_\_\_\_\_ DATE \_\_\_\_\_

**FIRE DEPARTMENT CERTIFICATION**

I CERTIFY THAT THE DESIGN OF WATER SYSTEM IS IN ACCORDANCE WITH THE REQUIREMENTS PRESCRIBED BY CITY OF MORENO VALLEY FIRE PREVENTION DIVISION.

CITY OF MORENO VALLEY FIRE PREVENTION DIVISION

*[Signature]* 3/25/93  
 FIRE MARSHAL DATE



**VICINITY MAP**  
 N.T.S.

**NOTICE TO CONTRACTOR**

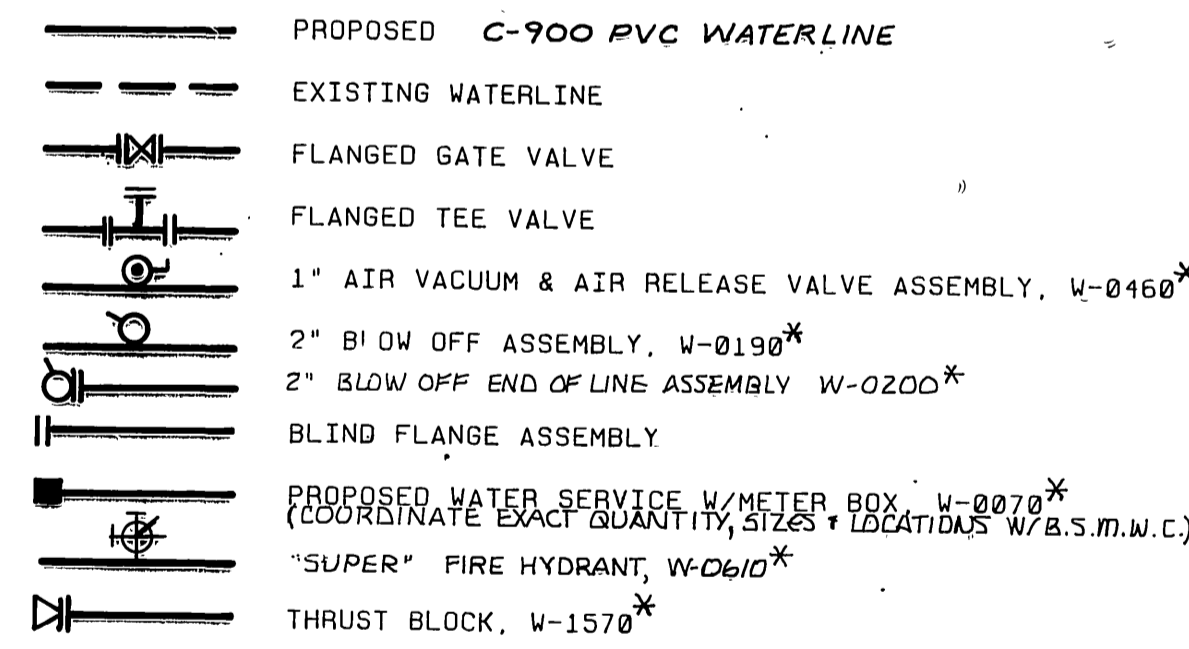
- UNLESS OTHER SPECIAL ARRANGEMENTS WITH WESTERN ARE MADE BY THE CONTRACTOR, ABANDONMENT OR REMOVAL OF EXISTING WATERLINES CANNOT BE DONE, UNTIL THE NEW WATERLINE HAS BEEN PLACED INTO SERVICE AND SERVICE CONNECTIONS TRANSFERRED.
- TRANSFER OF SERVICES WILL BE PERFORMED BY BOX SPRINGS MUTUAL WATER COMPANY'S STAFF. ONE WEEK SHALL BE ALLOWED FOR THIS TRANSFER TO TAKE PLACE ONCE THE NEW LINE IS PLACED INTO SERVICE.
- DISCLAIMER REGARDING BASE MAP - WATERLINE PLANS HAVE BEEN PREPARED UTILIZING IMPROVEMENT PLANS PREPARED BY NASLAND ENGINEERING FOR STREET IMPROVEMENTS ASSOCIATED WITH THE WIDENING OF EUCALYPTUS AVE. WESTERN TAKES RESPONSIBILITY FOR THE WATERLINE DESIGN BUT NOT FOR THE UNDERLYING STREET DESIGN.

**GENERAL NOTES FOR WATER PIPELINES:**

(NOTE: WESTERN MUNICIPAL WATER DISTRICT IS FUNCTIONING AS AGENT FOR BOX SPRINGS MUTUAL WATER COMPANY FOR THIS PROJECT AND ALL INQUIRIES AS TO DESIGN ALIGNMENT AND INSTALLATION SHOULD BE REFERRED TO W.M.W.D. - See Item 15)

- WATER SYSTEM SHALL BE CONSTRUCTED BY THE CONTRACTOR FOR DEDICATION TO BOX SPRINGS MUTUAL WATER COMPANY. CONSTRUCTION, MATERIALS, TESTING AND INSPECTION SHALL COMPLY WITH WESTERN MUNICIPAL WATER DISTRICT'S STANDARDS. THE INSTALLATION SHALL MEET OR EXCEED THE REQUIREMENTS OF ALL PUBLIC AGENCIES HAVING JURISDICTION AND THE AMERICAN WATER WORKS ASSOCIATION (A.W.W.A.) STANDARDS. FAILURE TO MEET THESE REQUIREMENTS WILL BE CAUSE FOR REJECTION.
- PIPE, FITTINGS, VALVES AND APPURTENANCES SHALL BE OF THE PIPE PRESSURE CLASS (NOT W.W.P. CLASS) SHOWN ON THE PROFILE OF THESE PLANS. (NOTE: CAST IRON FITTINGS SHALL NOT BE ALLOWED).
- MINIMUM COVER OVER PIPE SHALL BE 48 INCHES. WHEN THE WATERLINE ENCOUNTERS AN OBSTRUCTION AND CROSSING OVER THE OBSTRUCTION WILL RESULT IN LESS THAN 48" OF COVER OVER THE WATERLINE, THE WATERLINE SHALL CROSS UNDER THE OBSTRUCTION (MIN. 6" CLEARANCE).
- CONTRACTORS SHALL SHORE ALL TRENCHES AND CONDUCT ALL CONSTRUCTION IN ACCORDANCE WITH CAL-OSHA REQUIREMENTS AND SHALL DETERMINE DEPTH AND LOCATION OF EXISTING UNDERGROUND FACILITIES PRIOR TO TRENCHING. OPEN TRENCH AT ANY ONE TIME SHALL BE LIMITED TO 150' ALONG ROAD RIGHT OF WAY AND SHALL BE BACKFILLED AND COMPACTED AT THE CONCLUSION OF EACH DAY. BACKFILL SHALL BE COMPACTED TO THE GREATER OF 90% RELATIVE DENSITY, EQUIVALENT TO THE SURROUNDING GROUND, OR TO THE REQUIREMENTS OF THE AGENCY HAVING JURISDICTION. (CONTACT UNDERGROUND SERVICE ALERT 1-800-422-4133 PRIOR TO ANY EXCAVATION).
- PIPE SHALL BE HANDLED SO AS TO PROTECT PIPE AT ALL TIMES AND SHALL BE CAREFULLY BEDDED TO PROVIDE CONTINUOUS BEARING AND TO PREVENT UNEVEN SETTLEMENT. PIPE SHALL BE PROTECTED AGAINST FLOTATION AT ALL TIMES. OPEN ENDS SHALL BE SEALED AT ALL TIMES WHEN CONSTRUCTION IS NOT IN PROGRESS.
- PIPE JOINTS SHALL NOT BE DEFLECTED AT ANY ANGLE GREATER THAN THE MAXIMUM ANGLE RECOMMENDED BY THE PIPE MANUFACTURER.
- TAPS ON PIPELINE SHALL BE INSTALLED PER DISTRICT STANDARDS AND AS APPROVED IN THE FIELD BY W.M.W.D. INSPECTOR. CONNECTIONS TO EXISTING W.M.W.D. PIPELINES TO BE ACCOMPLISHED ONLY BY WESTERN MUNICIPAL WATER DISTRICT FORCES.
- TEST PRESSURE SHALL BE 150% OF PIPE CLASS RATING. (I.E. CLASS 150=225 PSI TEST). SHALL BE UNDER CONTINUOUS INSPECTION, AND SHALL BE IN ACCORDANCE WITH DISTRICT STANDARD PROCEDURE.
- SURFACE IMPROVEMENTS DAMAGED AS A RESULT OF THE CONTRACTOR'S OPERATIONS SHALL BE RECONSTRUCTED BY THE CONTRACTOR TO THE REQUIREMENTS OF THE AGENCY HAVING JURISDICTION.
- FIRE HYDRANTS AND AIR VALVES TO BE LOCATED PER AGENCY HAVING JURISDICTION.
- CONTRACTOR SHALL PLACE 14 GA SOLID COPPER LOCATOR WIRE WITH ALL CS90 PVC PIPE TO ASSIST WITH FUTURE LOCATION. WIRE SHALL BE PLACED AT LEAST 6" ABOVE THE PIPE BUT NOT DEEPER THAN 4' FROM PROPOSED FINISHED GRADE.
- THE CONTRACTOR SHALL PROVIDE ONE SET OF PRINTS SHOWING ALL "AS-BUILT" CONDITIONS INCLUDING THE STATIONING OF SERVICE LATERAL CONNECTIONS AS A CONDITION OF FINAL APPROVAL.
- ANY REVISION TO THESE DRAWINGS MUST BE APPROVED IN WRITING BY WESTERN MUNICIPAL WATER DISTRICT.
- WATER METERS TO BE LOCATED IN THE FIELD AS DIRECTED BY W.M.W.D. INSPECTOR. TO COINCIDE AS CLOSELY AS POSSIBLE WITH EXISTING SERVICE LOCATIONS. CHECK WITH INDIVIDUAL HOMEOWNERS FOR DETERMINING THE ALIGNMENT FROM RIGHT OF WAY/FRONT PROPERTY LINE.
- \*FOR EMERGENCY CASES CALL (909) 780-4170 (MONDAY - FRIDAY, 8:00 A.M. - 5:00 P.M.) AND (909) 780-2450 (WEEKENDS AND AFTER HOURS).
- FOR SEPARATION BETWEEN WATER AND SEWER LINES REFER TO RIVERSIDE COUNTY STD NO. 609.
- AN ENCROACHMENT PERMIT SHALL BE OBTAINED FROM THE CITY OF MORENO VALLEY PERMIT SECTION FOR CONSTRUCTION WITHIN THE DEDICATED STREET RIGHT OF WAY.
- FIRE HYDRANTS SHALL BE LOCATED PER STD. DWG. NO. 701 CITY OF MORENO VALLEY.

**WATERLINE LEGEND**



\* W.M.W.D.'S DETAIL STD. DRAWING

**WATERLINE QUANTITIES**

12" C-900 PVC, CL 150	2105±LF
10" C-900 PVC, CL 150	45±LF
6" C-900 PVC, CL 150	70±LF
4" C-900 PVC, CL 150	160±LF
2" COPPER SERVICE LATERAL	60±LF
12" X 12" X 1/2" TEE	2 EA.
12" X 12" X 10" TEE	1 EA.
12" X 12" X 6" TEE	1 EA.
12" X 12" X 4" TEE	1 EA.
12" GATE VALVE	5 EA.
10" GATE VALVE	1 EA.
6" GATE VALVE	1 EA.
4" GATE VALVE	1 EA.
10" X 4" ECCENTRIC REDUCER	1 EA.
12" X 6" ECCENTRIC REDUCER	1 EA.
12" X 4" ECCENTRIC REDUCER	1 EA.
"SUPER" FIRE HYDRANT ASSEMBLY PER W.M.W.D. STD. W-0610	*5 EA.
2" BLOWOFF ASSEMBLY PER W.M.W.D. STD. W-0190	1 EA.
1" AIR VACUUM & AIR RELEASE ASSEMBLY PER W.M.W.D. STD. W-0460	1 EA.
12" 45° BEND	2 EA.
6" 45° BEND	4 EA.
4" 45° BEND	4 EA.
WATER SERVICE (CONSISTING OF COPPER SERVICE LATERAL AND METER BOX ONLY, TO BE INSTALLED BY B.S.M.W.C.)	*77 EA.
THRUST BLOCK PER W.M.W.D. STD. W-1570 (DOES NOT INCLUDE P.H. THRUST BLOCK)	16 EA.
20" STEEL CASING	10 L.F.
MISC. FITTINGS FOR CONNECTION TO EXISTING WATERLINES AND END CAPS FOR PROPOSED WATERLINES	QUANTITY VARIES
2" BLOWOFF END OF LINE ASSEMBLY PER W.M.W.D. STD. W-0200	1 EA.
* EXISTING FIRE HYDRANT HEADS TO BE SALVAGED AND RETURNED TO B.S.M.W.C. (3 TOTAL)	
** COORDINATE EXACT QUANTITY, SIZES AND LOCATIONS WITH B.S.M.W.C.	

**NOTIFICATIONS**

AT LEAST 48 HOURS PRIOR TO COMMENCING CONSTRUCTION, CONTRACTOR SHALL NOTIFY:

- WESTERN MUNICIPAL WATER DISTRICT, (909) 780-4170, ATTN: TONY BURGETT
- UNDERGROUND SERVICE ALERT (USA), 1-800-422-4133
- ALL OTHER AFFECTED UTILITIES  
 SO. CALIF. GAS CO. ROMOLAND, CA, (USA) (909) 924-5311  
 SO. CALIF. EDISON CO. (USA) 1-800-422-4133  
 GENERAL TELEPHONE (USA), 1-800-422-4133  
 MORENO VALLEY CABLEVISION (USA) (909) 242-6651
- CITY OF MORENO VALLEY PERMIT SECTION, (909) 243-3120



**CITY OF MORENO VALLEY**  
 PUBLIC WORKS DEPARTMENT

APPROVED BY: *[Signature]* DATE: 3-31-93 BY: *[Signature]* R.C.E. 29459

**BOX SPRINGS MUTUAL WATER COMPANY**

APPROVED BY: *[Signature]* DATE: 12-17-92  
 KENNETH P. WHEEL  
 ACTING GENERAL MANAGER

NO.	DESCRIPTION	APPR. DATE
1	ADDED 20" STEEL CASING PER R.C.E. 10/1/93	10/1/93

**WESTERN MUNICIPAL WATER DISTRICT OF RIVERSIDE COUNTY**

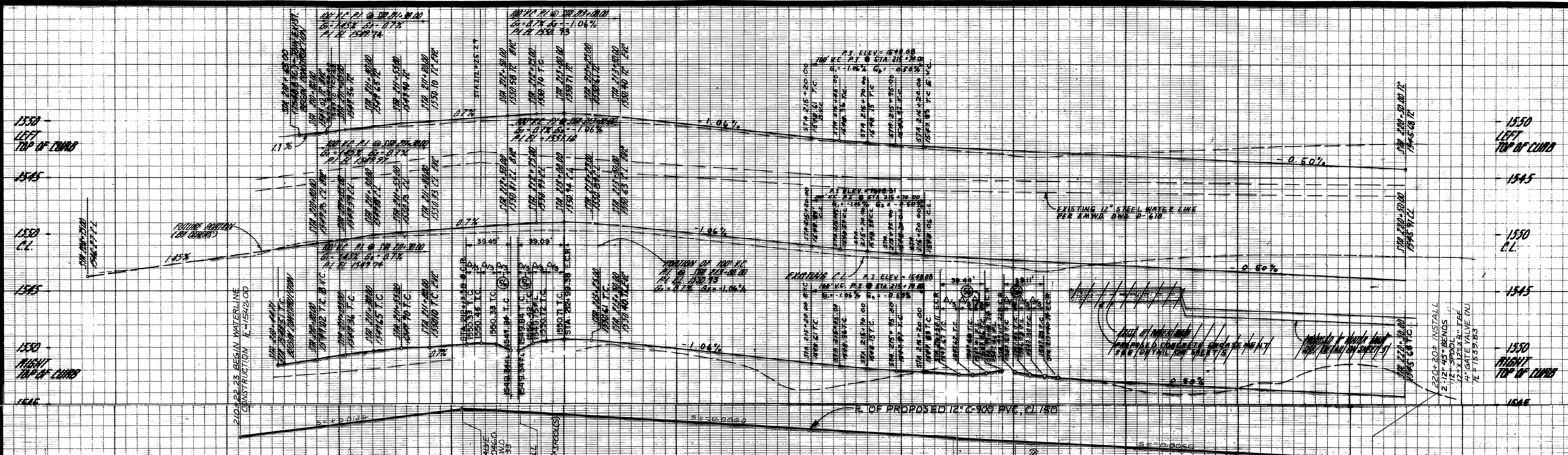
APPROVED BY: *[Signature]* DATE: 12-17-92  
 CHIEF ENGINEER RCE 17984  
*[Signature]*  
 GENERAL MANAGER

**EUCALYPTUS 12" WATERLINE**  
 FROM VALLEY SPRINGS PARKWAY  
 TO DAY STREET

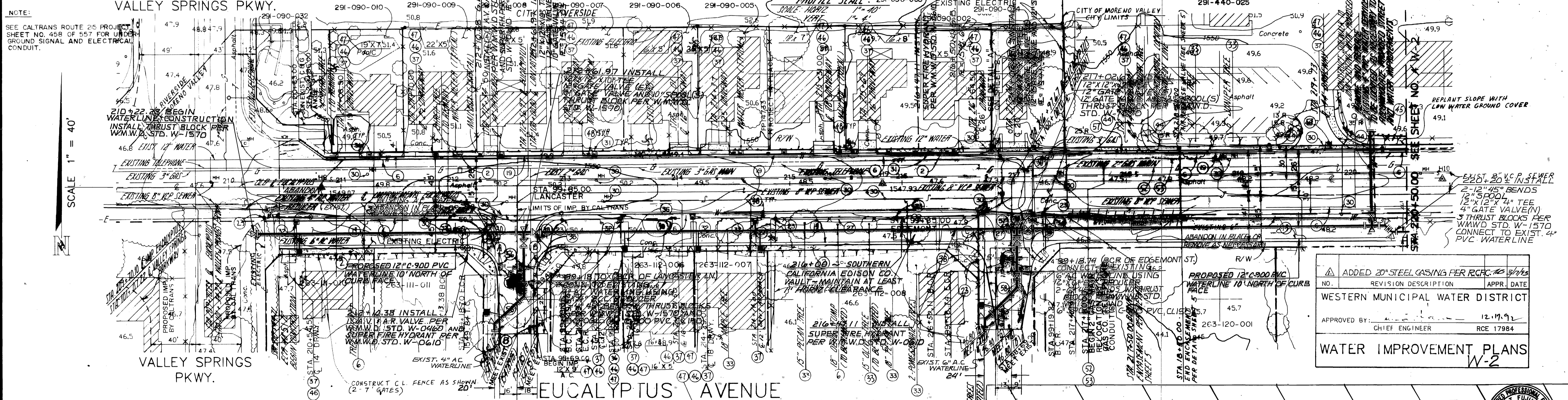
SHT. 9 OF 14  
 SCALE: NONE  
 DATE: 12-10-92  
 DRAWN: *[Signature]*  
 CHECKED: RY/LJE  
 SHEET: W-1  
 DRAWING NO. WD-186

INDEXED 5-28-93 GH

R-3337



209+00 210+00 211+00 212+00 213+00 214+00 215+00 216+00 217+00 218+00 219+00 220+00 221+00



NOTE:  
SEE CALTRANS ROUTE 215 PROJECT SHEET NO. 458 OF 557 FOR UNDERGROUND SIGNAL AND ELECTRICAL CONDUIT.

SCALE 1" = 40'

NO.	REVISION DESCRIPTION	APPR. DATE
1	ADDED 20" STEEL CASING PER RCRCG 10/9/92	

WESTERN MUNICIPAL WATER DISTRICT

APPROVED BY: *[Signature]* 12-17-92  
CHIEF ENGINEER RCE 17984

WATER IMPROVEMENT PLANS  
W-2

CURVE DATA				
CURVE	Δ	L	R	T
(1)	90° 25' 00"	39.45'	25.00'	28.18'
(2)	89° 35' 00"	39.08'	25.00'	24.82'
(3)	90° 23' 48"	39.44'	25.00'	25.17'
(4)	89° 37' 30"	39.11'	25.00'	24.84'

- CONSTRUCTION NOTES:**
- CONSTRUCT 4" WIDE SUBGRADE PER R.C.R.I. STD. NO. 401.
  - REMOVE EXISTING IMPROVEMENTS.
  - CONSTRUCT TYPE A-6 CURB & GUTTER PER R.C.R.I. STD. 200.
  - CONSTRUCT TYPE B-8 CURB & GUTTER PER R.C.R.I. STD. NO. 201.
  - RELOCATE EXISTING POWER POLE BY S.C. EDISON.
  - REMOVE FENCE AND RELOCATE OUTSIDE OF PUBLIC RIGHT-OF-WAY WHERE NEEDED.
  - ADJUST WATER VALVES AND MAIN HOLES TO GRADE.
  - ADJUST WATER METER OR PULL BOX TO GRADE.
  - RELOCATE WATER METER AND EXTEND WATER SERVICE TO MAIN LATERAL TO BE TRAPPED ON FACE OF CURB OR BEHIND CURB TO BE INSPECTED BY RESIDENT.
  - REMOVE TREE AND REPLACE WITH EUCALYPTUS SUBORDINATE SPECIES AT LOCATION DETERMINED BY THE CITY ENGINEER.
  - RELOCATE FENCE TO TOP OF SLOPE.

- NOTE:**  
ALL SLOPES ARE 2:1 UNLESS OTHERWISE NOTED.
- RELOCATE FIRE METER ASSEMBLY PER R.C.R.I. STD. NO. 701 WORK TO BE INSPECTED BY BOX SPRINGS FIRE DEPARTMENT.
  - REMOVE EXISTING CONCRETE BASE, SUBGRADE TO A DEPTH SUFFICIENT TO REPLACE WITH AGGREGATE BASE AND ASPHALT PAVEMENT PER TYPICAL SECTION SHEET 2 AND SOILS ENGINEERS RECOMMENDATIONS.
  - CONSTRUCT CONCRETE DRIVE APPROACH PER R.C.R.I. STD. 207.
  - CONSTRUCT ACCESS RAMP PER CITY OF MORENO VALLEY STANDARD.

- NOTE:**  
ALL SLOPES ARE 2:1 UNLESS OTHERWISE NOTED.
- RELOCATE EXIST. GAS MAIN BY S.C. GAS CO.
  - RELOCATE EXIST. TELEPHONE CONDUIT (S) BY G.T.E.
  - TRANSITION CURB HEIGHT FROM 8" TO 6" (TRANSITION LENGTH: 2' 3" TO E.C.R. OR 1' 3" TO B.C.R.)
  - CONSTRUCT CONCRETE X GUTTER PER R.C.R.I. STD. NO. 209.
  - CONSTRUCT 6" A.C. BERM PER R.C.R.I. STD. NO. 272.

**NASLAND ENGINEERING**

1000 W. 10TH ST. SUITE 100  
MORNING GLORY, CALIFORNIA 92555  
TEL: 951-251-1111 FAX: 951-251-1112

**City of Moreno Valley**  
PUBLIC WORKS DEPARTMENT

APPROVED BY: *[Signature]* DATE: 2-4-92

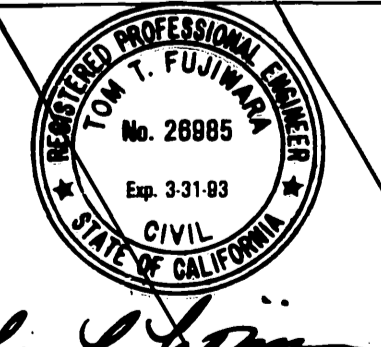
DESIGNED BY: *[Signature]* DRAWN BY: *[Signature]* CHECKED BY: *[Signature]*

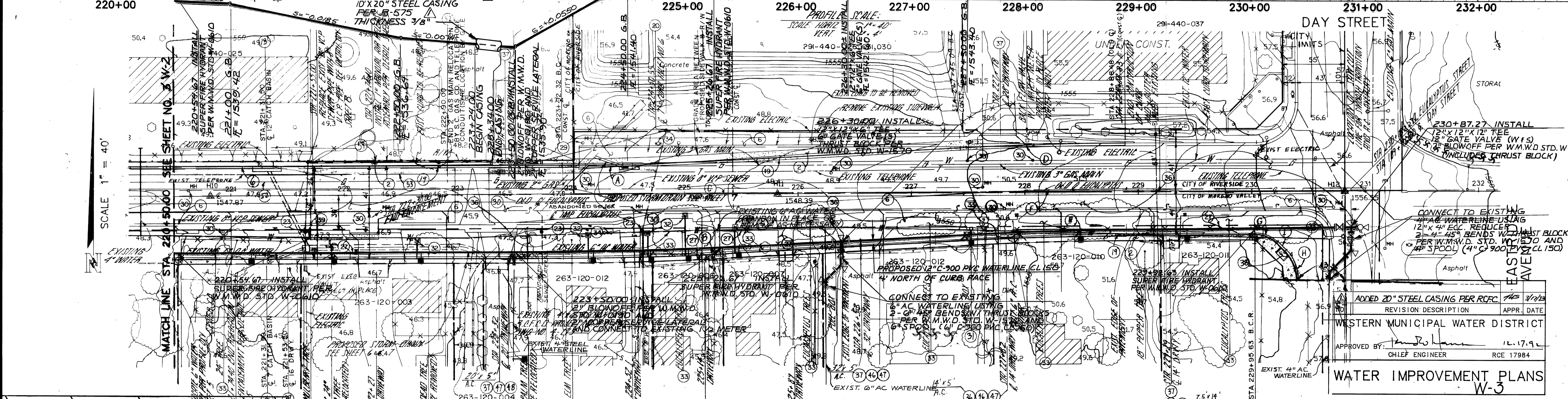
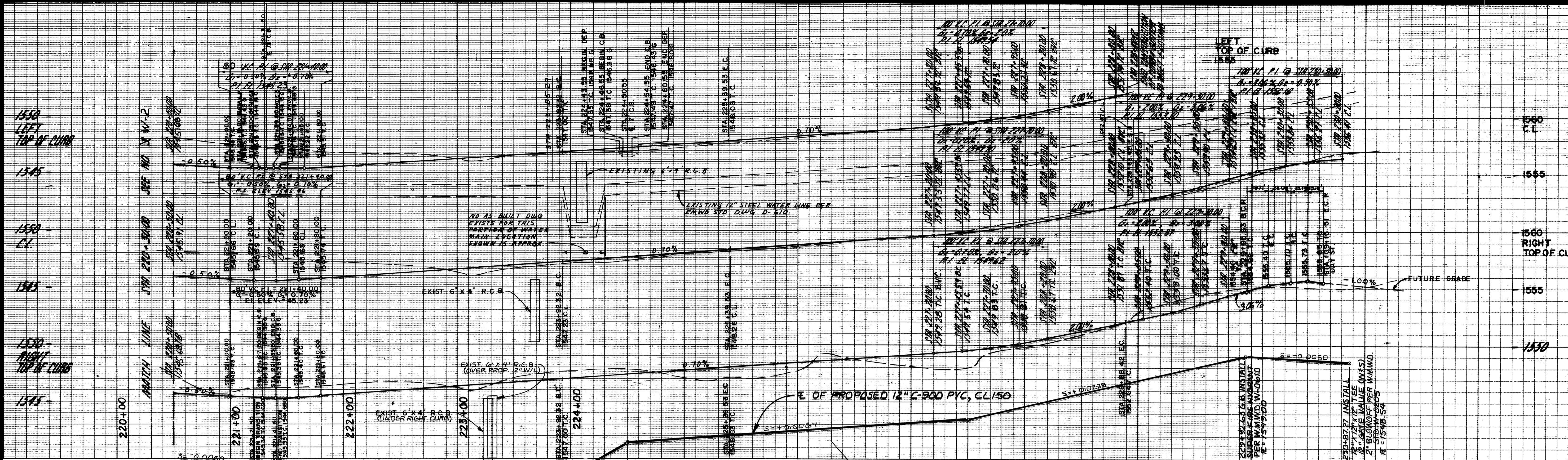
**STREET PLAN AND PROFILE**

SHEET 2 OF 10

ACCOUNT NO. 92-KB96-03  
SHT. 10 OF 14  
W-2  
SHEET 2 OF 10  
91-92898

INDEXED 5-28-93 G/H  
R-3337





- CONSTRUCTION NOTES:**
- CONSTRUCT 4" WIDE SUBGRADE PER R.C.R.I. STD. NO. 201.
  - CONSTRUCT CATCH BASIN NO. 1 PER SHEET 4 & 7, W-1.
  - REMOVE EXISTING IMPROVEMENT.
  - CONSTRUCT CATCH BASIN NO. 1 PER SHEET 4 & 7, W-1.
  - CONSTRUCT TYPE A-B CURB AND GUTTER PER R.C.R.I. STD. NO. 201.
  - CONSTRUCT 7" CATCH BASIN NO. 6 PER SHEET 4 & 7.
  - REMOVE EXISTING LIGHT STANDARDS AND POLES BY S.C. EDISON.
  - REMOVE FENCE AND RELOCATE OUTSIDE OF PUBLIC RIGHT-OF-WAY WHERE NECESSARY.
  - REMOVE EXISTING CATCH BASIN AND R.C. PIPE, PUMP, R.C. BOX.
  - ADJUST WATER VALVES AND MOUNT VALVES TO GRADE.
  - REMOVE EXISTING LIGHT STANDARDS AND POLES BY S.C. EDISON.
  - REMOVE FENCE AND RELOCATE OUTSIDE OF PUBLIC RIGHT-OF-WAY WHERE NECESSARY.
  - REMOVE EXISTING CATCH BASIN AND R.C. PIPE, PUMP, R.C. BOX.
  - ADJUST WATER VALVES AND MOUNT VALVES TO GRADE.

- REMOVE TREE AND REPLACE WITH EQUIVALENT SUPERIOR DON "MORSE" AT LOCATION DETERMINED BY THE CITY ENGINEER.
- REMOVE EXISTING PAVEMENT, BASE, AND SUBGRADE TO A DEPTH SUFFICIENT TO REPLACE WITH AGGREGATE BASE AND A.C. PAVEMENT PER TYPICAL SECTION SHEET 2 AND SOILS ENGINEER RECOMMENDATIONS.
- CONSTRUCT CONCRETE DRIVEWAY APPROACH PER R.C.R.I. STD. NO. 207.
- ADJUST WATER METER OR PULL BOX TO GRADE.
- CONSTRUCT ACCESS RAMP PER CITY OF MORENO VALLEY STANDARDS.
- CONSTRUCT 24" DIAM. RAMP APPROACH PER SHEET 5.
- REMOVE WATER METER AND EXTEND WATER SERVICE TO NEW LOCATION TO BE DETERMINED BY THE CITY ENGINEER.
- RELOCATE FENCE TO TOP OF SLOPE.
- REMOVE AND REMOVE INTERFERING PORTIONS OF EXIST. DRIVEWAY TO DIMENSIONS AS SHOWN.
- CONSTRUCT 3" THICK A.C. OR 4" THICK P.C.C. DRIVEWAY MATERIAL TO MATCH EXIST.
- RELOCATE MAILBOX.
- RELOCATE EXIST. GAS MAIN BY S.C. GAS CO.
- RELOCATE EXIST. TELEPHONE CONDUITS BY G.T.E.
- CONSTRUCT REINFORCED CONCRETE WALL PER DETAILS ON SHEET 2 OF 10.

**NASLAND ENGINEERING**

DESIGNED BY: R.A.S. DRAWN BY: A.J.P. CHECKED BY: S.B.M.

BENCH MARK: M-62-69  
GRASS BUSH TOP OF CONCRETE POST, ON DAY ST. BETWEEN ALESSANDRO BLVD. & SHERMAN AVE. @ E. OF DAY ST. @ NE. OF POWER LINE #2 FROM

DATE: 6-22

**City of Moreno Valley**  
PUBLIC WORKS DEPARTMENT

APPROVED BY: [Signature]  
CITY TRAFFIC ENGINEER

DATE: 6-22

DESIGNED BY: R.A.S. DRAWN BY: A.J.P. CHECKED BY: S.B.M.

**CURVE DATA TABLE:**

CURVE	R	Δ BEARING	L	T
1	3000.00	02°46'25"	149.25	72.65'
2	3082.00	02°46'25"	149.20	74.81'
3	3041.00	02°46'25"	147.21	73.52'
4	3000.00	02°46'25"	145.25	72.65'
5	2998.00	02°46'25"	145.24	71.63'
6	2859.00	02°46'25"	145.24	71.63'
7	28.00	02°46'25"	145.24	71.63'
8	28.00	02°46'25"	145.24	71.63'

**CITY OF RIVERSIDE**

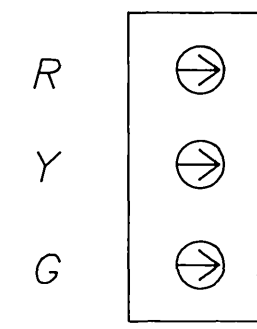
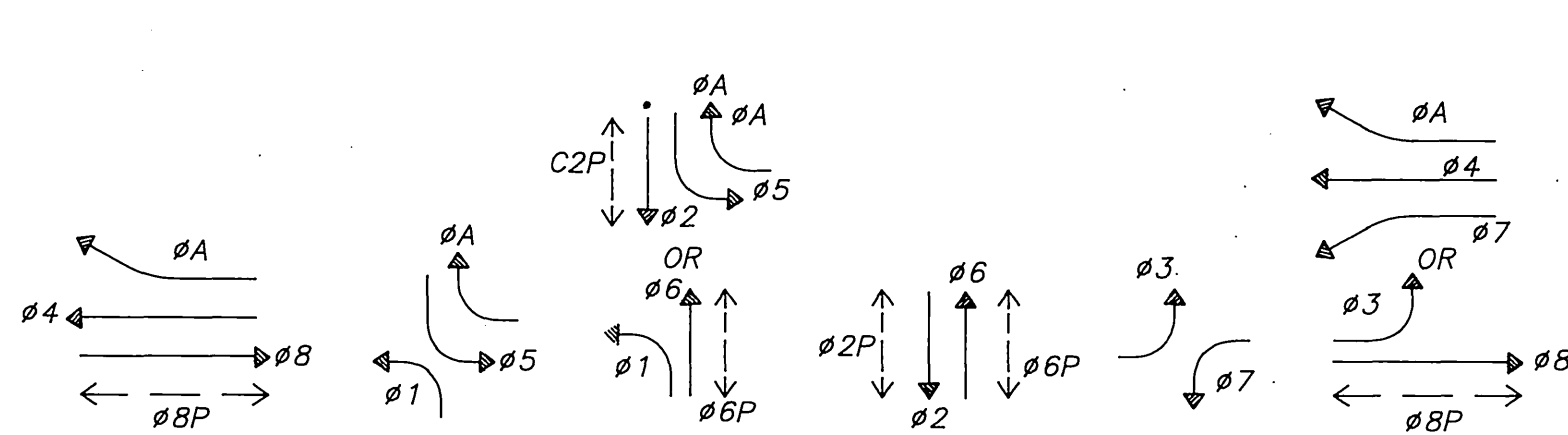
APPROVED BY: [Signature]  
PUBLIC WORKS DIRECTOR

DATE: 6/1/92 R.C.E. 20900

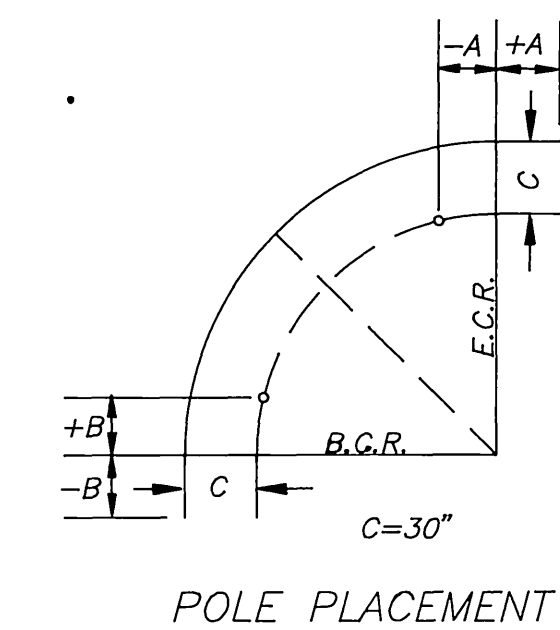
**STREET PLAN AND PROFILE**  
STREET & STORM DRAIN IMPROVEMENT PLAN  
EUCALYPTUS AVENUE  
230+82.27

HORIZ. SCALE: 1" = 40'  
VERT. SCALE: 1" = 4'

ACCOUNT NO. 92-8396-031  
SHT. 11 OF 14  
W-3  
SHEET 4 OF 10  
91-92898

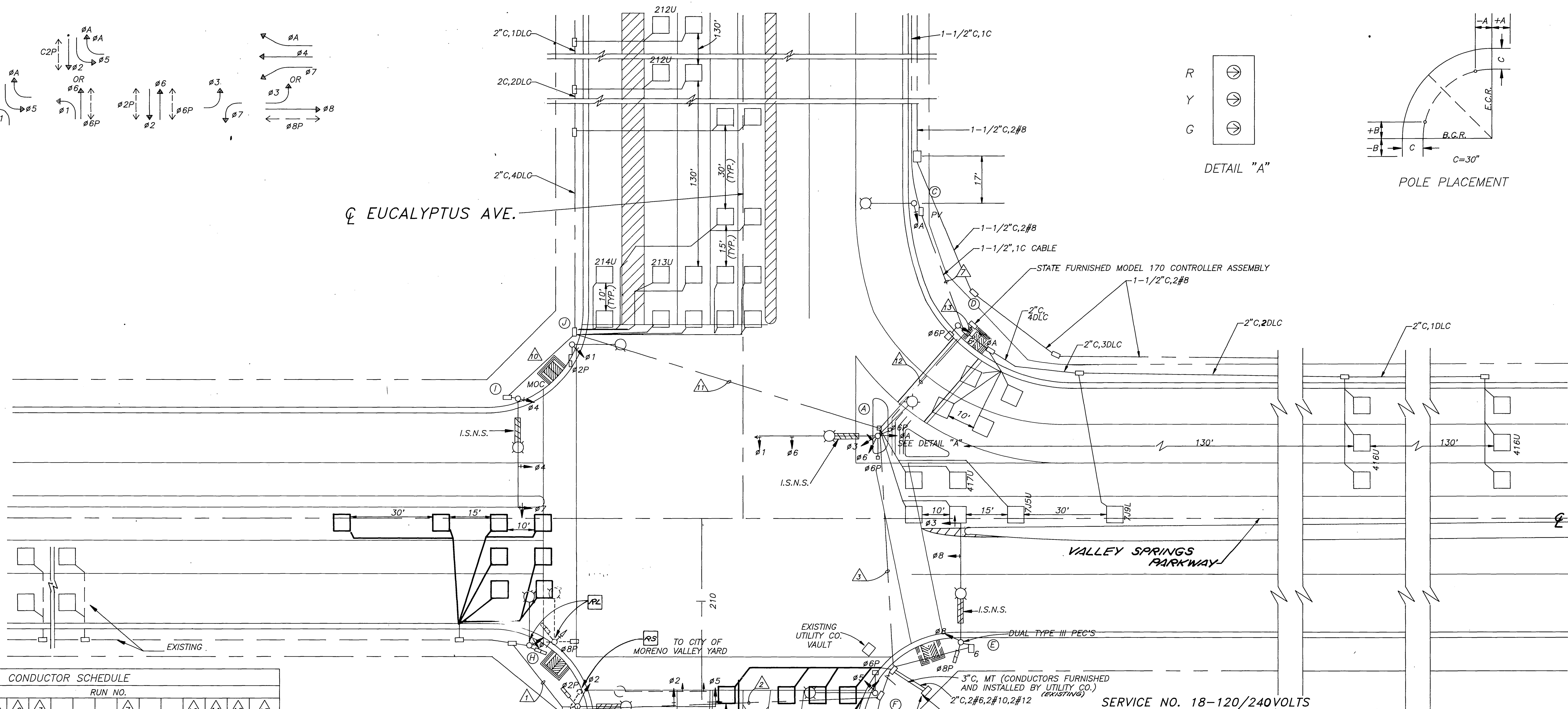


DETAIL "A"



POLE PLACEMENT

CL EUCALYPTUS AVE.



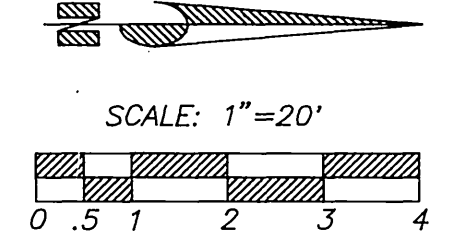
CONDUCTOR SCHEDULE		RUN NO.												
		1	2	3	4	5	6	7	8	9	10	11	12	
AWG.	CIRCUIT													
	#1										3	6	6	
	#2	3(N)	3(N)									3	3	
	#3			3								6	6	
	#4									3	3	3	3	
	#5	3(N)	3(N)									3	3	
	#6											3	3	
	#7	3(N)	3(N)	3(N)						3	3	6	6	
	#8			3								3	3	
	#A									3		3	6	
	#2P	2(N)	2(N)							2	4	4	4	
	#6P			2								4	6	
	#8P	2(N)	2(N)	2(N)								2	2	
	#2PPB	1(N)	1(N)	1(N)						1	1	2	2	
	#6PPB											2	3	
	#8PPB	1(N)	1(N)									1	1	
	PPB COMMON	1(N)	1(N)	1(N)						1	1	1	1	
	SPARES	3(N)	3(N)	3(N)						3	3	3	6	
	TOTAL	11	19	27						6	11	16	55	65
#12	IISNS		2(N)	4							2	2	4	6
#10	SIGN COMMON	1(N)	1(N)	1(N)							1	1	1	2
	LUMINAIRE	2(N)	2(N)	2(N)							2	2	4	6
	TOTAL	3	3	3							3	3	5	8
#6	SIGNAL SERV.			2								2	2	2
	#1			2(N)								2	2	2
	#2										4	4	4	4
	#3	2(N)	2(N)	2(N)								2	2	2
	#4											1	3	3
	#5										2	2	3	3
	#6			3(N)								3	3	3
	#7											1	2	2
	#8	3(N)	3(N)	3(N)								3	3	3
	TOTAL	5	5	10							6	18	22	22
	CONDUIT SIZE	2 1/2	3	3 1/2							2	3	2@3	2@4

NOTE:  
ALL SIGNAL HEADS AND PED. HEADS TO BE REMOVED,  
RELAMPED AND RELOCATED FROM EXISTING POLES.

SERVICE NO. 18-120/240VOLTS  
SERVING UTILITY: CITY OF RIVERSIDE  
LS-3 METER: 240 VOLT SD - FOR ROADWAY LIGHTING  
TC-1 METER: 120 VOLT SD - FOR TRAFFIC SIGNALS  
120 VOLT SD - FOR ISNS

POLE SCHEDULE												
N O.	STANDARD TYPE	HT.	ARMS SIG.	LUM. H.P.S.V.	PUSH BT. TYPE	QUD.	SIGNAL MOUNTING VEHICLE	PED.	I.S.N.S. MESSAGE	PLACEMENT		
										A	B	
A	26-4-80	30	45	15	200	2 6 N**	MAS, MAS, SV2T, SV1T*	SP2T	VALLEY SPRINGS	8	2.5	
B		15	30	15	200		SV1T			17	2.5	
C	1A	10				2 6 W	TV1T	SP1T	EUCALYPTUS	24	2.5	
D	26-4-80	30	45	15	200	2 6 S	MAS, MAS, SV1T	SP1T	EUCALYPTUS	13	2.5	
E		15	30	15	200	2 8 W	SV1T	SP1T		14	2.5	
F	29-5-80(N)	30	50(N)	15	200	2 8 W	MAS, MAS, SV1T		VALLEY SPRINGS	8	2.5	
G		15	30	15	200	2 2 S	SV1T	SP2T		14	2.5	
H	26-4-80	30	40	15	200	2 2 N	MAS, MAS, SV1T		EUCALYPTUS	16	2.5	
I		15	30	15	200		SV1T	SP1T		13	2.5	

\*MOUNT @ 17' HEIGHT  
\*\*MOUNT @ 2'-10" HEIGHT  
ΔSPECIAL STANDARD WITH 2 LUMINAIRE MAST ARMS--SEE DETAIL, SHEET E-42  
†THESE POLES ARE ALSO LISTED IN THE LIGHTING STANDARD TABLE ON SHEET E-63. THEY ARE LISTED ON THIS SHEET FOR CLARITY OF THE SYSTEM.

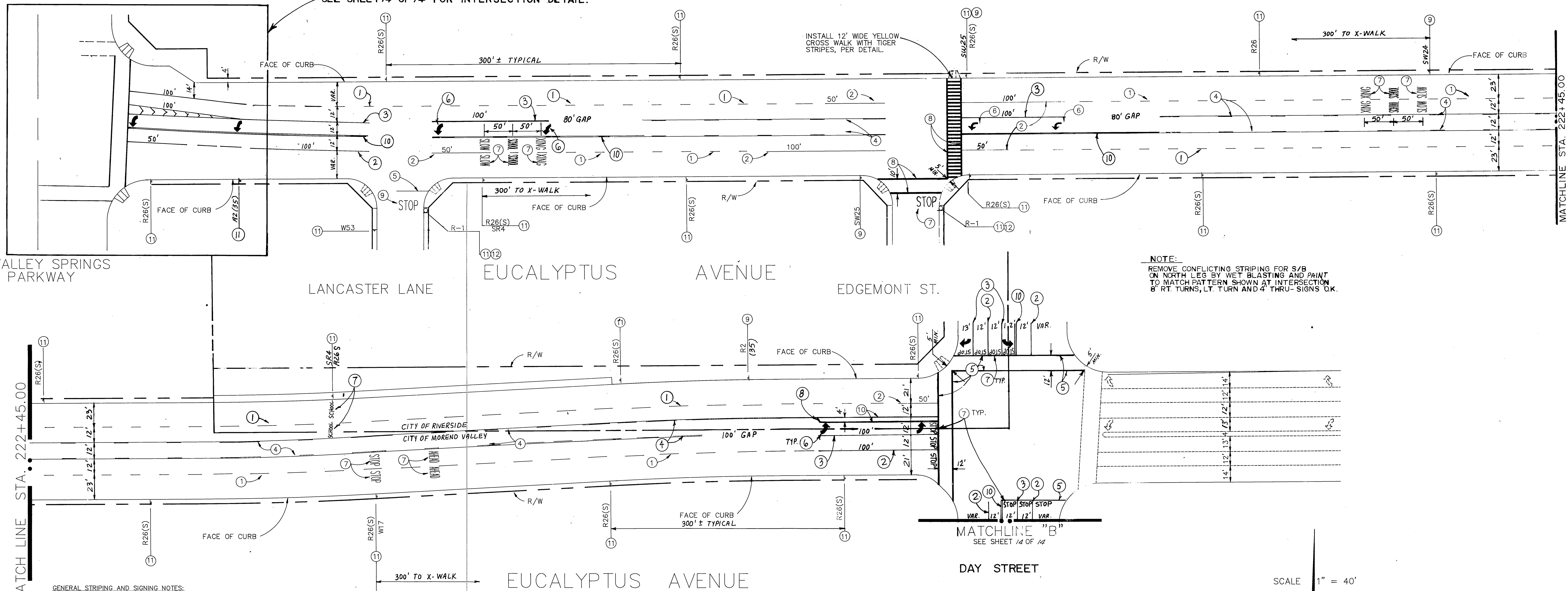


CITY OF RIVERSIDE  
APPROVED BY  
*Bany D. McCall*  
PUBLIC WORKS DIRECTOR  
DATE 3/18/93 R.C.E. 20900

CITY OF MORENO VALLEY PUBLIC WORKS DEPARTMENT		APPROVED BY <i>Bany D. McCall</i> PUBLIC WORKS DIRECTOR	
DESIGNED BY	REVISIONS	DATE	BY
MARK		3-16-93	AK
		3-16-93	JK
		3-17-93	CH
DESIGNED BY	DRAWN BY	CHECKED BY	

SIGNAL MODIFICATION PLAN Traffic Signals at Eucalyptus Ave. & Valley Springs Parkway		ACC. NO. 013-X826-631 <b>R-3337</b> SHEET 12 NO. 14 PROJ. NO. 92-13826
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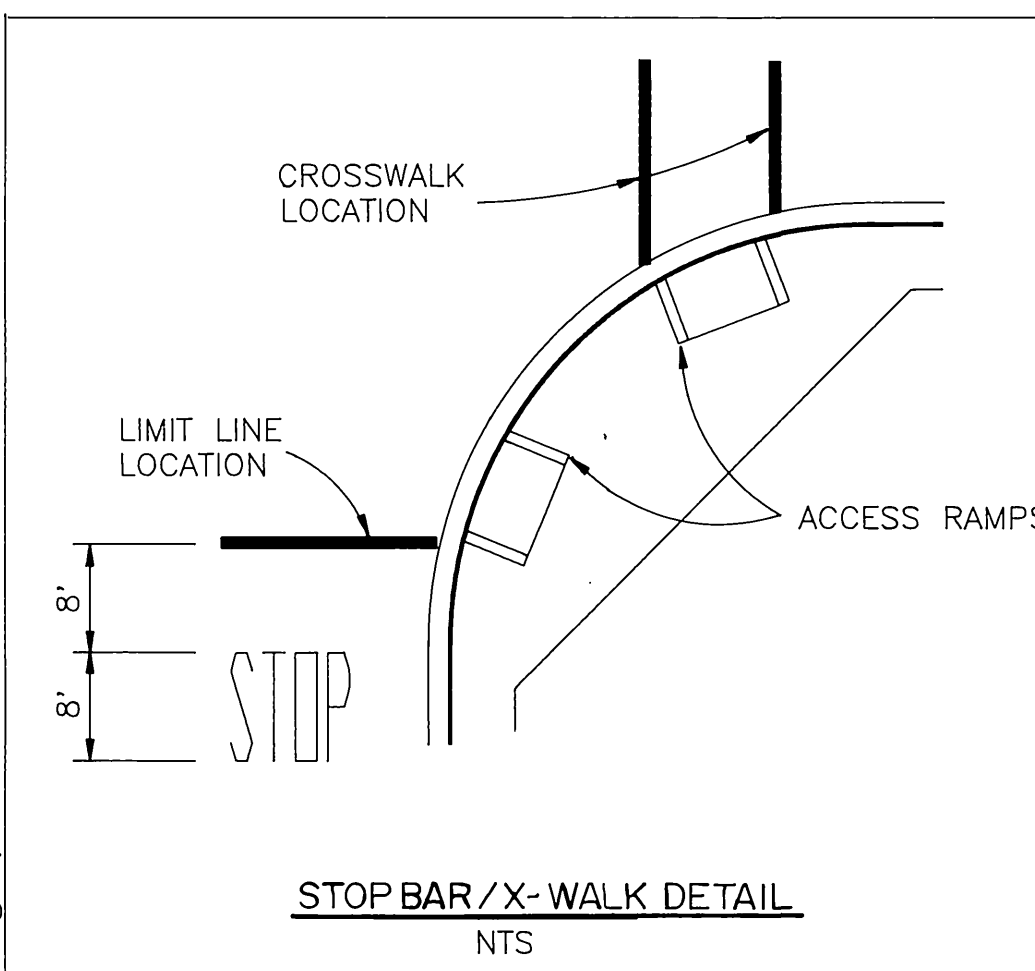
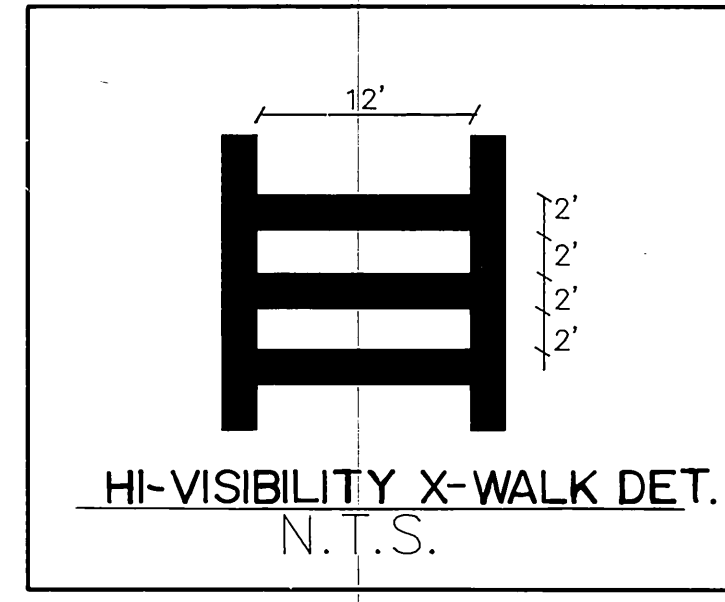
SEE SHEET 74 OF 14 FOR INTERSECTION DETAIL.



NOTE:  
REMOVE CONFLICTING STRIPING FOR S/B ON NORTH LEG BY WET BLASTING AND PAINT TO MATCH PATTERN SHOWN AT INTERSECTION B' RT. TURNS, LT. TURN AND 4' THRU- SIGNS OK.

GENERAL STRIPING AND SIGNING NOTES:

- NO STRIPING MAY BE DONE WITHOUT THE WRITTEN APPROVAL OF THE TRANSPORTATION ENGINEERING DIVISION. ALL CATTRACK AND SIGN LAYOUTS MUST BE INSPECTED BY THE ENGINEER IN THE FIELD BEFORE STRIPING BEGINS. CONTACT THE PUBLIC WORKS INSPECTOR 48 HOURS BEFORE CATTRACKING TO SCHEDULE INSPECTION.
- MATCH STRIPING SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD. WHENEVER POSSIBLE, MATCH STRIPING SHALL EXTEND TO A NATURAL BREAK AT THE NEAREST INTERSECTION.
- STRIPING SHALL BEGIN AND TERMINATE AT THE CENTER DELTA OR THE BACK OF THE CROSSWALK.
- ALL PAVEMENT STRIPING AND LEGENDS SHALL BE INSTALLED USING SOLVENT BORNE LOW V.O.C. 250 PPM PAINT. THE TRAFFIC STRIPING SHALL BE INSTALLED WITH A ROADLINE TYPE STRIPING MACHINE USING AIRLESS EQUIPMENT PER THE LATEST CALTRANS STANDARD SPECIFICATIONS.
- STOP BARS WILL BE LOCATED AT THE BACK OF THE WHEELCHAIR RAMP WHENEVER POSSIBLE. ANY INTERSECTION WITH AN EXISTING SIGHT RESTRICTION (BLOCK WALL, TREES, ETC.) SHALL HAVE THE LOCATION APPROVED BY THE TRANSPORTATION ENGINEERING DIVISION PRIOR TO INSTALLATION.
- THE STOP LEGEND WILL BE LOCATED EIGHT (8) FEET BEHIND THE STOP BAR OR CROSSWALK.
- ALL STENCILS USED TO INSTALL PAVEMENT LEGENDS MUST CONFORM TO THE LATEST CALTRANS METRIC STENCILING STANDARDS.
- ANY EXISTING STRIPING OR PAVEMENT LEGENDS WHICH CONFLICT WITH THE APPROVED STRIPING PLAN SHALL BE REMOVED BY WET SANDBLASTING. NO BLACKOUT WILL BE ALLOWED.
- REFLECTIVE PAVEMENT MARKERS SHALL BE INSTALLED ON ALL FINAL STRIPING CONFIGURATIONS PER THE APPROVED STRIPING PLAN IN ACCORDANCE WITH THE DESIGNATED CALTRANS STRIPING DETAIL.
- ALL SIGN POST MATERIAL SHALL BE 2 INCH SQUARE PERFORATED FULLY GALVANIZED (INSIDE AND OUTSIDE) STEEL TUBING WITH RESPECTIVE 30 INCH OR 36 INCH BASE ASSEMBLY AND SHALL BE INSTALLED PER THE CITY OF MORENO VALLEY STANDARD PLAN NO. 816 AND THE CORRESPONDING SPECIAL PROVISIONS. UNDER NO CIRCUMSTANCES SHALL THE ANCHOR ASSEMBLY BE SECURED IN CONCRETE FOOTINGS.
- ALL STOP SIGNS AT MAJOR INTERSECTIONS WILL BE 48" X 48". ALL OTHER STOP SIGNS AND WARNING SIGNS SHALL BE OF HIGH INTENSITY GRADE REFLECTIVE SHEETING. OTHER REGULATORY SIGNS MAY BE ENGINEERING GRADE REFLECTIVE SHEETING.
- ALL STOP SIGNS AND STREET NAME SIGNS SHALL BE LOCATED IN ACCORDANCE WITH THE LATEST REVISION OF THE CITY OF MORENO VALLEY STANDARD PLAN NO. 816. STREET NAME SIGNS SHALL BE INSTALLED AT ALL INTERSECTIONS AND MAY BE INSTALLED ABOVE THE STOP SIGN.
- THESE ARE GENERAL NOTES ONLY. A COMPLETE SET OF SIGNING AND STRIPING STANDARDS AND SPECIFICATIONS MAY BE OBTAINED BY CONTACTING THE TRANSPORTATION ENGINEERING DIVISION. (9912543-3140)



SIGN CHART	
CODE	MESSAGE
R1	STOP
R26	SPEED LIMIT SIGN
R26(S)	NO STOPPING ANY TIME
W17	STOP AHEAD
W53	NOT A THROUGH STREET SIGN
SR4	SCHOOL/SPEED LIMIT 25/ WHEN CHILDREN ARE PRESENT
SW25	SCHOOL CROSSING

- STRIPING, SIGNING AND PAVEMENT MARKING LEGEND
- 4" DASH WHITE - 7' STRIPE - 17' GAP  
CALTRANS STD. PLAN A20-A, DET. #9
  - 4" SOLID WHITE LINE
  - 8" SOLID WHITE LINE PER CALTRANS STD. PLAN A20-C, DET. #38
  - TWO-WAY YELLOW LEFT TURN LANE LINES  
PER CALTRANS STD. PLAN A20-B, DET. #32
  - 12" SOLID WHITE LINE PER CALTRANS STD. PLAN A-24D
  - INSTALL ARROW MARKING AS SHOWN PER CALTRANS STD. PLAN A-24B
  - INSTALL PAVEMENT MARKING AS SHOWN PER CALTRANS STD. PLAN A-24C
  - 12" SOLID YELLOW LINE PER CALTRANS STD. PLAN A-24D
  - RELOCATE EXISTING SIGN AND POST
  - (2) 4" SOLID YELLOW LINES PER CALTRANS STD. PLAN A20-A, DET. #22
  - INSTALL TRAFFIC SIGN AS INDICATED
  - INSTALL STREET SIGN PER M.V. STD. 816
  - 8" DASH WHITE- LANE DROP LINE PER CALTRANS STD. A20-C, DET. #37

CITY OF RIVERSIDE  
APPROVED BY  
*Barry Bell*  
PUBLIC WORKS DIRECTOR  
DATE 5/18/93 R.C.E. 20900

NASLAND ENGINEERING  
CIVIL ENGINEERING SURVEYING LAND PLANNING  
3359 CHICAGO AVENUE, RIVERSIDE, CALIFORNIA, 92507  
(714) 784-3300

CITY OF MORENO VALLEY  
PUBLIC WORKS DEPARTMENT

APPROVED BY  
*Barry D. McCall*  
PUBLIC WORKS DIRECTOR  
DATE 8-4-92 R.C.E. 29459

REGULATED PROFESSIONAL ENGINEER  
Tom T. Fujiwara  
No. 26985  
Exp. 3-31-93  
CIVIL  
STATE OF CALIFORNIA

6/18/92

MARK REVISIONS APPR DATE  
DESIGNED BY M.A.S. DRAWN BY P.W.L. CHECKED BY S.D.N.

SIGNING AND STRIPING PLAN ACCOUNT NO. 92-X898-631

SIGNING AND STRIPING PLAN FOR EUCALYPTUS AVENUE R-3337

SHEET 13 OF 14

HORIZ. SCALE 1" = 40'

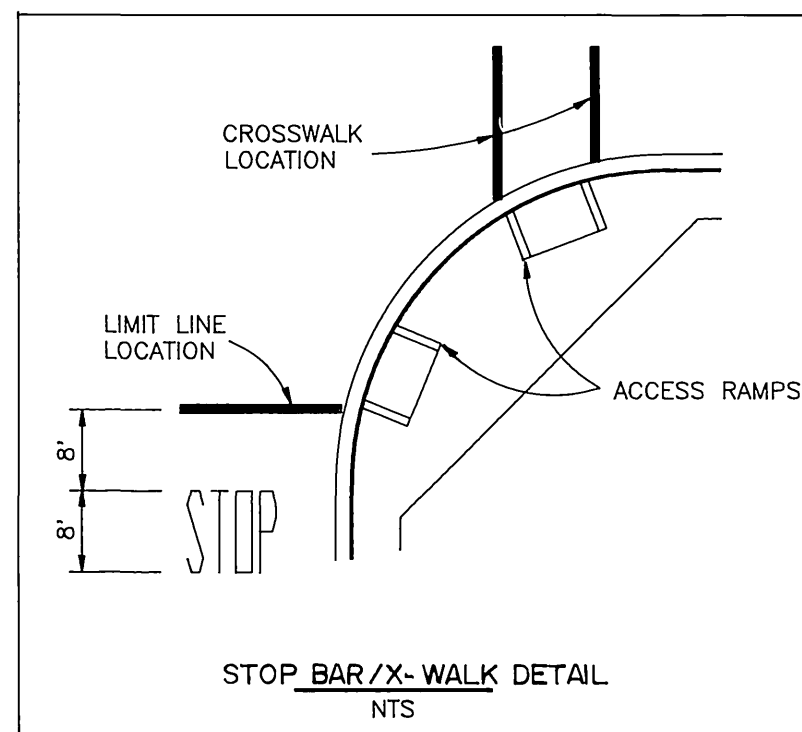
PROJECT NO. 91-92898

**GENERAL NOTES**

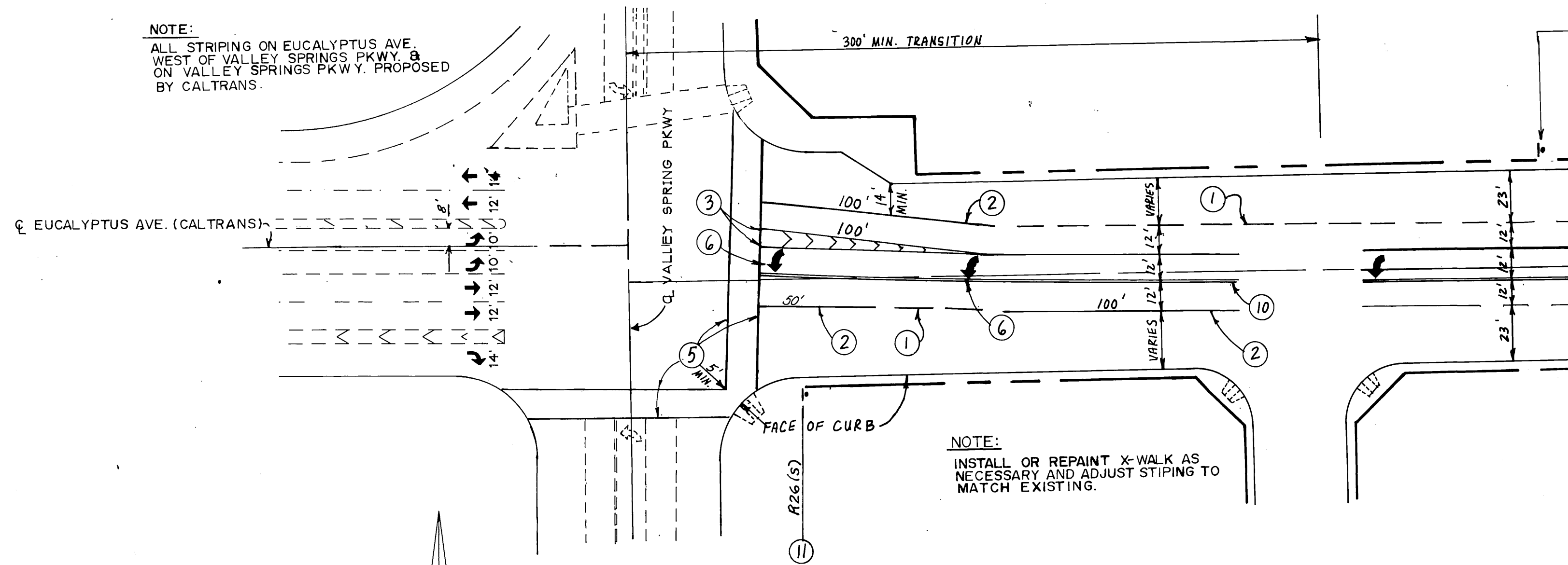
- NO STRIPING MAY BE DONE WITHOUT THE WRITTEN APPROVAL OF THE TRANSPORTATION ENGINEERING DIVISION. ALL CATTRACK AND SIGN LAYOUTS MUST BE INSPECTED BY THE ENGINEER IN THE FIELD BEFORE STRIPING BEGINS. CONTACT THE PUBLIC WORKS INSPECTOR 48 HOURS BEFORE CATTRACKING TO SCHEDULE INSPECTION.
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- THESE ARE GENERAL NOTES ONLY. A COMPLETE SET OF SIGNING AND STRIPING STANDARDS AND SPECIFICATIONS MAY BE OBTAINED BY CONTACTING THE TRANSPORTATION ENGINEERING DIVISION (951)243-3142.
- ALL SIGNS SHOWN ON PLANS AS EXISTING AND/OR PROTECT IN PLACE MUST BE RE-INSTALLED PER CITY STANDARDS.
- REMOVE ALL SIGNS THAT DO NOT APPLY OR NOT SHOWN ON THIS PLAN AND DELIVER TO THE CITY OF MORENO VALLEY CITY YARD.
- ALL PAVEMENT DELINEATION PER CALTRANS STD. PLANS A-20A THRU A-24D.

**STRIPING, SIGNING AND PAVEMENT MARKING LEGEND**

- ① 4" DASH WHITE - 7' STRIPE - 17' GAP  
CALTRANS STD. PLAN A20-A, DET. #9
- ② 4" SOLID WHITE LINE
- ③ 8" SOLID WHITE LINE PER CALTRANS STD. PLAN A20-C, DET. #38
- ④ TWO-WAY YELLOW LEFT TURN LANE LINES  
PER CALTRANS STD. PLAN A20-B, DET. #32
- ⑤ 12" SOLID WHITE LINE PER CALTRANS STD. PLAN A-24D
- ⑥ INSTALL ARROW MARKING AS SHOWN PER CALTRANS STD. PLAN A-24B
- ⑦ INSTALL PAVEMENT MARKING AS SHOWN PER CALTRANS STD. PLAN A-24C
- ⑧ 12" SOLID YELLOW LINE PER CALTRANS STD. PLAN A-24D.
- ⑨ RELOCATE EXISTING SIGN AND POST
- ⑩ (2) 4" SOLID YELLOW LINES PER CALTRANS STD. PLAN A20-A, DET. #22
- ⑪ INSTALL TRAFFIC SIGN AS INDICATED
- ⑫ INSTALL STREET SIGN PER M.V. STD. 816.
- ⑬ 8" DASH WHITE- LANE DROP LINE PER CALTRANS STD. A20-C, DET. #37
- ⑭ TYPE E1 DELINEATOR PER CALTRANS STD.



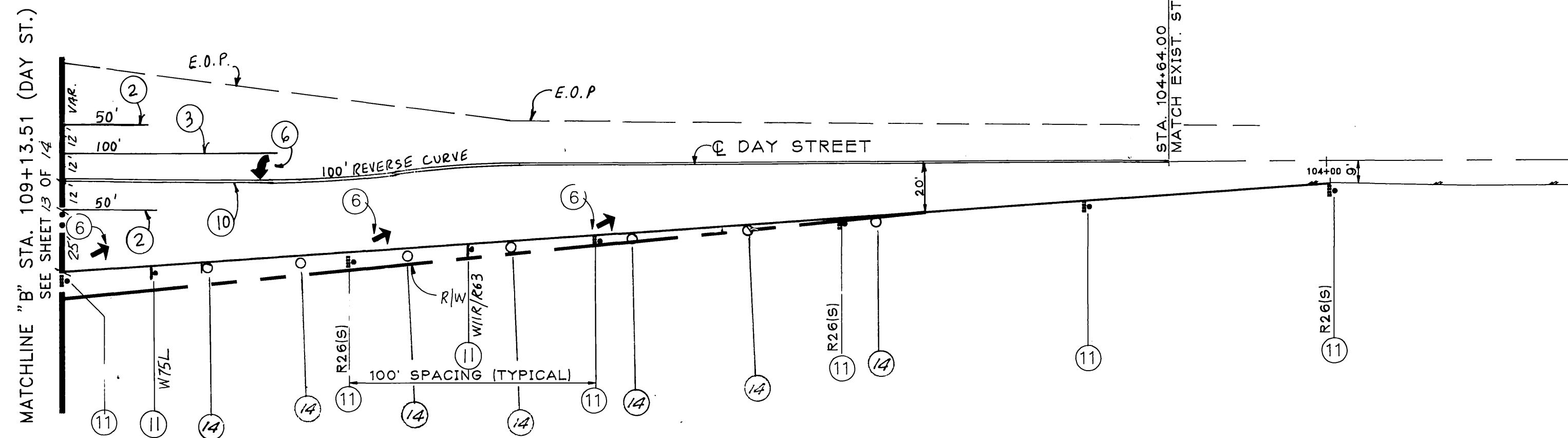
**NOTE:**  
ALL STRIPING ON EUCALYPTUS AVE. WEST OF VALLEY SPRINGS PKWY. & ON VALLEY SPRINGS PKWY. PROPOSED BY CALTRANS.



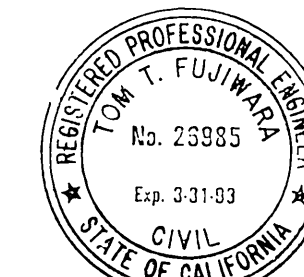
**NOTE:**  
INSTALL AS NECESSARY ANY ADVANCE WARNING SIGNS AND LEGENDS TO MATCH CONDITIONS FOR W/B EUCALYPTUS AT VALLEY SPRINGS (W17 OR W41).

**EUCALYPTUS AVENUE / VALLEY SPRINGS PKWY. INTERSECTION DETAIL**

SCALE: 1"=40'



SCALE: 1"=40'



*Tom T. Fujimura*  
4/10/92

**CITY OF RIVERSIDE**  
APPROVED BY  
*Bary Bel*  
PUBLIC WORKS DIRECTOR  
DATE 5/18/93 R.C.E. 20900

**NASLAND ENGINEERING**  
CIVIL ENGINEERING SURVEYING LAND PLANNING  
3359 CHICAGO AVENUE, RIVERSIDE, CALIFORNIA, 92507  
(714) 784-3300

**CITY OF MORENO VALLEY**  
PUBLIC WORKS DEPARTMENT

APPROVED BY	DATE	BY	APPROVED BY
CITY TRAFFIC ENGINEER	3-16-93	AK	<i>Bary D. M. Cella</i>
PRINCIPAL ENGINEER	3-11-93	BS	PUBLIC WORKS DIRECTOR
OPERATIONS SPT.	8/1/92	CAH	
DESIGNED BY	RAH	DRAWN BY	RAH
CHECKED BY	MM		

DATE 8-4-92 R.C.E. 29459

SIGNING AND STRIPING PLAN ACCT NO. 92-898-631

**DAY STREET**  
R-3337  
SHEET 14 OF 14  
PROJECT NO. 91-92898  
HORIZ. SCALE 1" = 40'