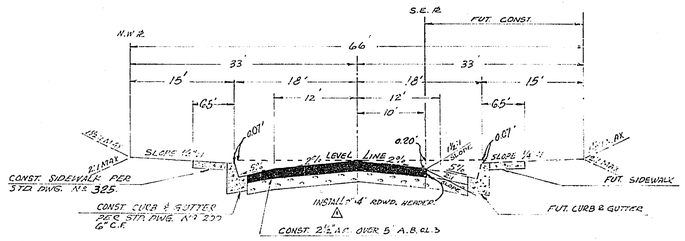
QUANTITY ESTIMATE

ITEM	QTY	ITEM	QTY
8" C.F. CURB & GUTTER	772 L.F.	RELOCATE WATER METER	3 EA.
6" C.F. CURB & GUTTER	1582 L.F.	" POWER POLE	2 EA.
CURB ONLY	148 L.F.	" STREET SIGN	1 EA.
CONC. CROSS-GUTTER	1287 S.F.	" AIR RELEASE VALVE	1 EA.
		" H.P. WATER LINE SIGN	1 EA.
2½" A.C.	63,660 S.F.	" WIRE FENCE	1100 L.F.
4" A.B.	3,821 S.F.	IRRIGATION LINE - CRUSH IN PLACE	730 L.F.
5" A.B.	39,747 S.F.	STREET LIGHTS	10 EA.
7" A.B.	20,292 S.F.	Street Name Sign	1 EA. △
2"x4" REDWOOD HEADER	1398 L.F.	W 60 R Clearance markers w/U-Post	12 EA. △
CONC. SIDEWALK	11,913 S.F.	W 31 R, 24"x24" END sign	1 EA. △
REMOVE 2' A.C. BERM	1015 L.F.	W 21 R (18"x15") & W54 R (48"x24") signs with 10' 5x5 Redwood Post, complete	1 EA. △
" CURB & GUTTER	27 L.F.	W2 R (ft) (36"x36") & W46 R (15) (24"x24") signs with 14' 5x5 Redwood Post, complete	2 EA. △
" SIDEWALK	135 S.F.		
" BARRICADE	70 L.F.		
" TREES	19 EA.		
" WIRE FENCE	215 L.F.		
" STANDPIPE	2 EA.		
" CONC. BOX	1 EA.		

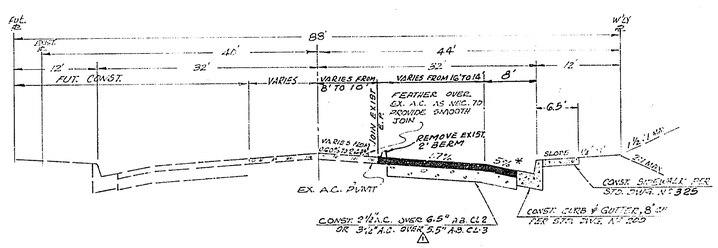


ELMVIEW DRIVE
TYPICAL SECTION

T.I.-5

SCALE: 1" = 10'

△



BUCHANAN STREET
TYPICAL SECTION

T.I. 6

SCALE: 1" = 10'

△

* 4% FROM STA 3+00 TO STA. 4+00
VARIES 4% TO 5½ FROM STA. 4+00
TO STA 4+50

STREET LIGHT LEGEND

SYMBOL

INDICATES CITY OF RIVERSIDE "MARBELITE" LIGHT STANDARD NO. 4504 W. TH SCHOOL. 1" W. TYPE III EXCEPT AS NOTED. "TYPE MATERIAL" MERCURY VAPOR LUMINAIRE WITH COLOR CORRECTED LAMP AND INDIVIDUAL PHOTOELECTRIC RECEPTACLE AND CONTROL UNIT. CAT. NO. LMMBAZ OR APPROVED EQUAL.

INDICATES CITY OF RIVERSIDE "MARBELITE" LIGHT STANDARD NO. 4504 WITH SCHOOL. 50W TYPE III "TYPE MATERIAL" MERCURY VAPOR LUMINAIRE WITH INDIVIDUAL PHOTOELECTRIC RECEPTACLE AND CONTROL UNIT. CAT. NO. LMMBAZ OR APPROVED EQUAL.

INDICATES NO. 3 PULLBOX "BROOKS PRODUCTS INC.", "QUIKSET" EO-17, OR APPROVED EQUAL.

INDICATES SERVICE POINT.

△ Indicates 2 #3 copper wires N.E.C. type U.F. separate for direct burial. (Heavy wall schedule 40 P.V.C. conduit shall be used for Buchanan x-ing to feed point & for Elmview x-ing to south at Buchanan't for stub-outs for future extensions on Elmview.) Direct Buried cable shall be a min. of 36" below grade - PVC conduit shall be a min. of 18" below grade.

STREET NAME SCHEDULE		
A	BUCHANAN	ST 3600
	ELMVIEW	DR 12300

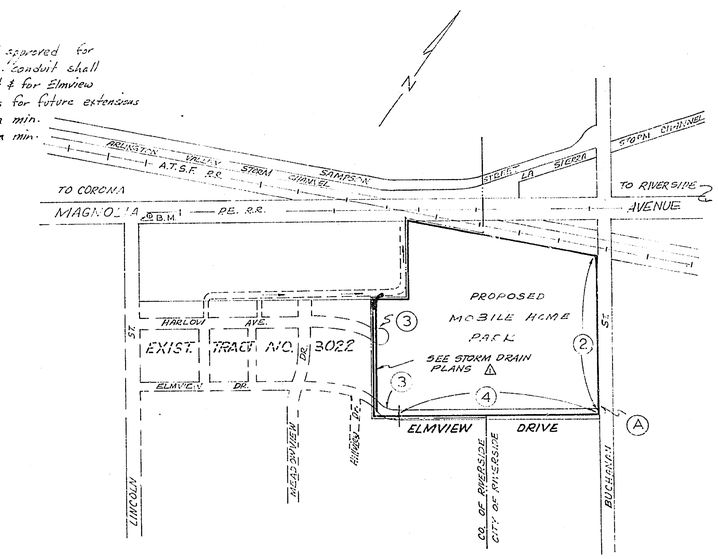
ERECT PER STD. DWG. NO. G62

GENERAL

1. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CLEAR [illegible] THE REGULATIONS OF LAW AS TO ELECTRICAL SAFETY, PROTECTION [illegible] AND AT NO COST TO THE CITY.
2. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF [illegible] SPECIFICATIONS AND STANDARD DRAWINGS.
3. FLOW LINE, SEWER, AND PAINT HYDRANT ARE APPROXIMATE.
4. GRADING MAY BE DONE UNDER ORDINANCE 2082 FOR A CUT OR FILL EXCEEDING 100 CUBIC YARDS, OR A FILL OVER ONE FOOT IN DEPTH.
5. TRIM EDGE OF EXISTING PAVEMENT. THERE MAY BE SAWING JOINTS. EXTEND PAVEMENT TO A CLEAN, STRAIGHT LINE. CONSTRUCT MATCH OF PAVING AS SHOWN. ON OVERLAY PAVING [illegible] THE [illegible] PRODUCT A 24.00ft CROWN SECTION.
6. △ Install traffic control signs as indicated on plans [illegible] Dwg. No [illegible].

STREET LIGHT NOTES

1. ALL CONSTRUCTION TO COMPLY WITH THE LATEST REVISION OF THE CITY OF RIVERSIDE PUBLIC UTILITIES DEPARTMENT STREET LIGHT SPECIFICATION NO. 119, except as noted herein for direct burial cable.
2. ALL STREET LIGHT STANDARDS SHALL BE CHECKED FOR CLEARANCE OF DRIVEWAYS, FIRE HYDRANTS, AND RADIUS RETURNS.
3. EXCAVATION FOR STREET LIGHT STANDARD BASES, PULLBOXES, AND CONDUITS MUST BE DONE AFTER INSTALLATION OF CURBS AND GUTTERS, BUT BEFORE INSTALLATION OF SIDEWALKS.
4. CONTRACTOR TO OBTAIN A STREET OPENING PERMIT FROM THE CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT PRIOR TO ANY EXCAVATION IN PROPOSED OR DEDICATED STREET RIGHT-OF-WAY. NOTIFY PUBLIC WORKS DEPARTMENT 24 HOURS IN ADVANCE OF ANY BACKFILLING OPERATIONS.
5. BACKFILL TO BE TYPE AND COMPACTED AS SPECIFIED IN THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1970 EDITION AND ALL SUPPLEMENTS THERETO.
6. THIS IS A TWO-WIRE 240 VOLT MULTIPLE SYSTEM.
7. ALL CABLE TO BE AWG NO. 8 COPPER AS SPECIFIED IN SPECIFICATION NO. 119.
8. FEED POINT TO BE CONFIRMED AT THE TIME OF CONSTRUCTION.
9. SEE CITY OF RIVERSIDE DWG. NO. LI-13008 FOR LIGHT STANDARD DETAILS, DWG. NO. LI-13003 FOR PULLBOX DETAILS, AND DWG. NO. LI-13201 FOR RISER DETAILS.
10. $107.00 CONNECTION AND INSPECTION FEES TO BE PAID: DATE PAID - [illegible]
11. CITY OF RIVERSIDE TO CONNECT STREET LIGHT CABLES TO ELECTRIC DISTRIBUTION CABLES.
12. INSTALL A WATERPROOF "IN LINE" FUSE HOLDER IN BOTH BRANCH CONDUCTORS IN THE BASE OF EACH STREET LIGHT STANDARD. FUSE HOLDER TO BE "BUSSMAN" HEB-BR FOR COPPER WIRE WITH A "BUSSMAN" FNM 5 AMP 250 VOLT FUSE OR APPROVED EQUAL.
13. CONCRETE FOR STREET LIGHT FOUNDATIONS SHALL BE 6.3 SACK MIX, 3,000 P.S.I., C/M NO. 9001 PER CITY OF RIVERSIDE UGS-015.



LOCATION MAP

SCALE: 1" = 400'

PLANS PREPARED UNDER THE SUPERVISION OF:

Jack Mahoney 5-6-70

JACK MAHONEY - R.C.E. 14325 DATE

APPROVED: 6-[illegible]-70

IRRIGATION DIVISION

BENCH MARK: RIVERSIDE, COUNTY AT THE CROSSING OF THE PACIFIC ELECTRIC RAILWAY, AT THE SIGNAL TOWER & IN THE SLAB OF THE CONC. FD. A STD. DISK STAMPED "A 28 1934 ADJ. ELEV. 688.987"

MARK	REVISIONS	APPR.	DATE
△	REVISED: TYPICAL SECTION ADD: ST. LIGHT QUANTITIES, GEN-NOTES LEGEND AND TITLE BLOCK, CALLOUT SCALE ON TYP SEC.		6-17-70

DESIGNED BY ____ DRAWN BY ____ CHECKED BY ____

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

	BY	DATE
APPROVED BY OFFICE ENGINEER	[illegible]	6-17-70
PARK DEPARTMENT	[illegible]	[illegible]
TRAFFIC DIVISION	[illegible]	[illegible]
ASSISTANT CITY ENG.	[illegible]	6-23-70

APPROVED BY [illegible]
DIRECTOR OF PUBLIC WORKS
DATE 6-30-70

STREET PLANS
MOBILE HOME PARK
MAGNOLIA AVE. @ BUCHANAN
CUP # C-11-690

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

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC UTILITIES DEPARTMENT

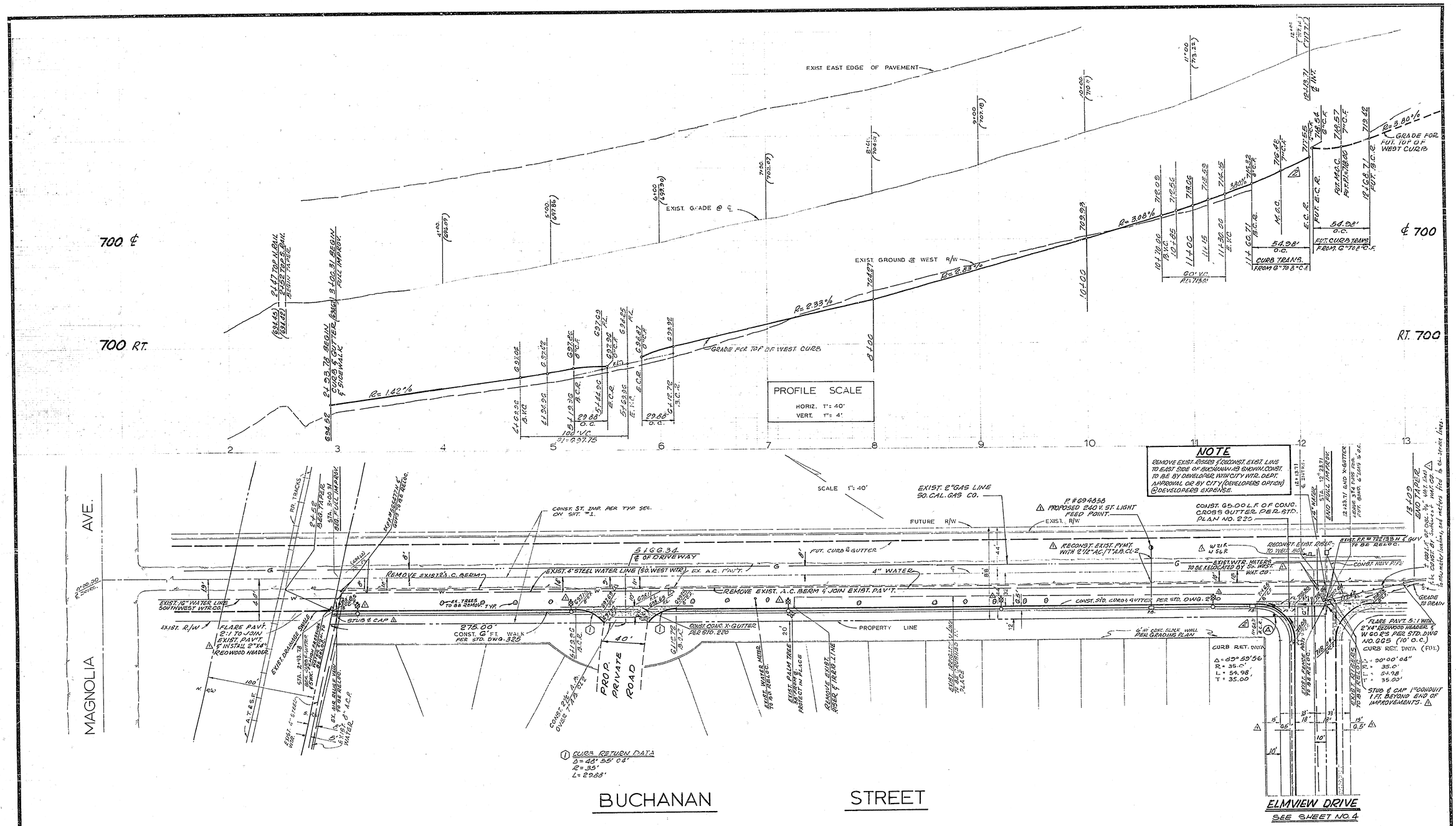
STREET LIGHT SYSTEM
C-11-690

APPROVED BY: ____
CHIEF UTILITY ENG.
DATE ____

PROJECT NO. R-1438
L5-13415
SHEET 1 OF 4
FILE NO.

G-4597

VTN orange county
ENGINEERS ARCHITECTS PLANNERS 2301 CAMPUS DRIVE, IRVINE, CALIFORNIA 92664 (714) 833-2450



BENCH MARK:
RIVERSIDE, COUNTY AT THE CROSSING OF THE PACIFIC ELECTRIC RAILWAY, AT THE SIGNAL TOWER & IN THE S. FACE OF THE CONC., FD. A STD. DISK STAMPED "H 38" 1924 ADJ. ELEV. 688.982

PLANS PREPARED UNDER THE SUPERVISION OF:
Jack Mahoney 5-6-70
JACK MAHONEY - R.C.E. 14325 DATE

MARK	REVISIONS	APPR.	DATE
1	ADD: 4" WATER LINE - F.L. "X" OUT - STREET LIGHT SYSTEM AND BENCH MARK RELOCATED: WATER METERS. RECONSTRUCT EX. PVMT. AT STA 10+58±		6-17-70
2	revise Sta. & Elev. at curb ret. Elmview Dr.		

DESIGNED BY ____ DRAWN BY ____ CHECKED BY ____

vtn orange county
ENGINEERS ARCHITECTS PLANNERS 2301 CAMPUS DRIVE, IRVINE, CALIFORNIA 92664 (714) 833-2450

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

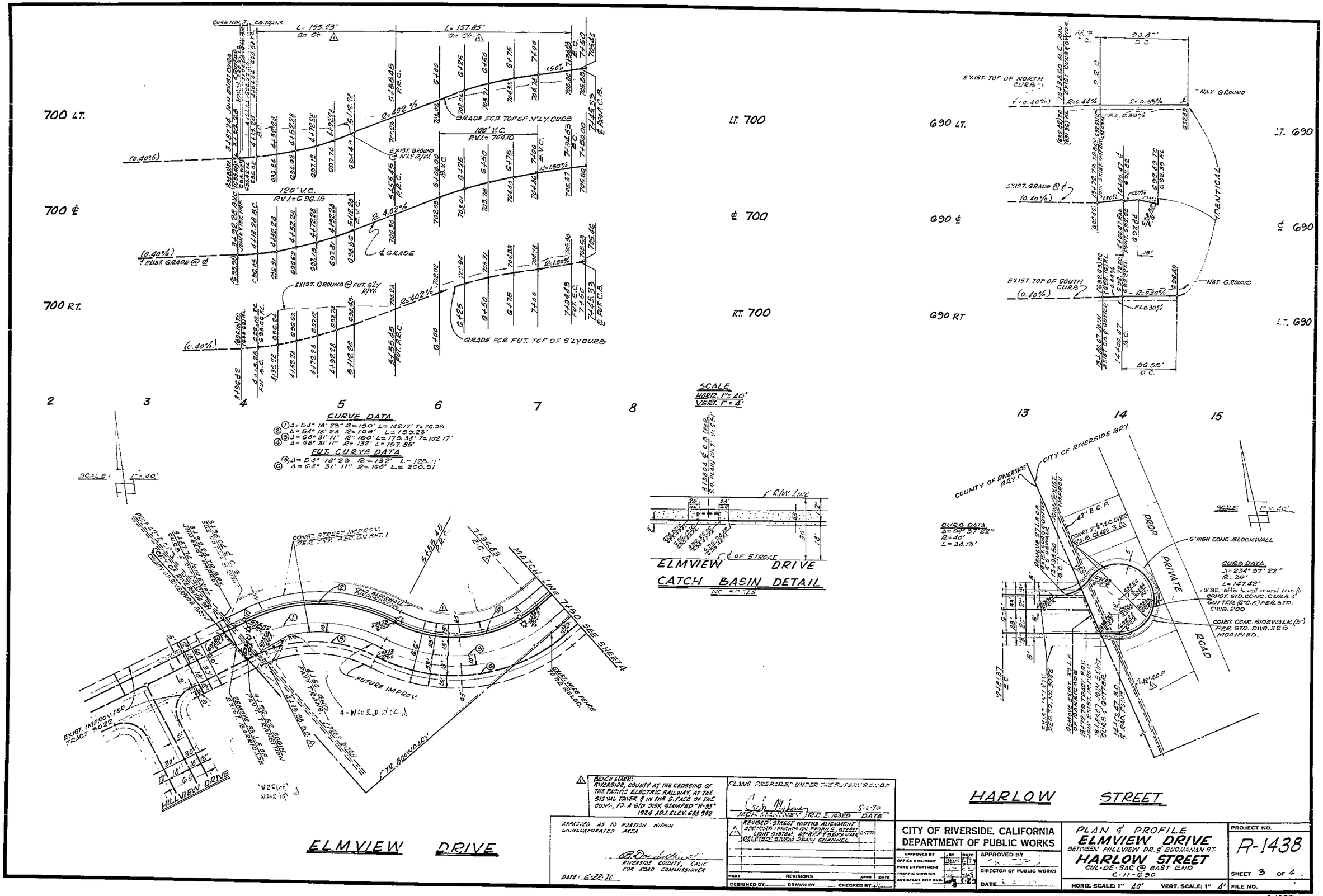
APPROVED BY	BY	DATE
OFFICE ENGINEER		
PARK DEPARTMENT		
TRAFFIC DIVISION		
ASSISTANT CITY ENG.		

APPROVED BY
DIRECTOR OF PUBLIC WORKS
DATE

PLAN & PROFILE
BUCHANAN ST.
3+00 S. OF MAGNOLIA TO 12+23.71 S. MAGNOLIA
C-11-690
HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 4'

PROJECT NO. R-1438
SHEET 2 OF 4
FILE NO.

G-4597



BENCH MARK:
RIVERSIDE, COUNTY AT THE CROSSING OF THE PACIFIC ELECTRIC RAILWAY, AT THE SIGNAL TOWER & IN THE S. FACE OF THE CONC., FD. A STD DISK STAMPED "H-33" 1924 ADJ. ELEV. 688.982

APPROVED AS TO PORTION WITHIN UNINCORPORATED AREA

RIVERSIDE COUNTY, CALIF. FOR ROAD COMMISSIONER

DATE: 6-22-76

PLANS PREPARED UNDER THE SUPERVISION OF

JACK MAHONEY R.C.E. 14328 DATE 5-6-70

REVISED: STREET WIDTHS ALIGNMENT
ADDED: CURB LENGTHS ON PROFILE, STREET LIGHT SYSTEM, 42" R.C.P. & BENCH MARK
DELETED: STORM DRAIN CHANNEL

MARK	REVISIONS	APPR	DATE

DESIGNED BY ____ DRAWN BY ____ CHECKED BY ____

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY	BY	DATE
OFFICE ENGINEER		
PARK DEPARTMENT		
TRAFFIC DIVISION		
ASSISTANT CITY ENG.		

APPROVED BY

DIRECTOR OF PUBLIC WORKS

DATE

PLAN & PROFILE
ELMVIEW DRIVE
BETWEEN HILLVIEW DR. & BUCHANAN ST.
HARLOW STREET
CUL-DE-SAC @ EAST END
C-11-690

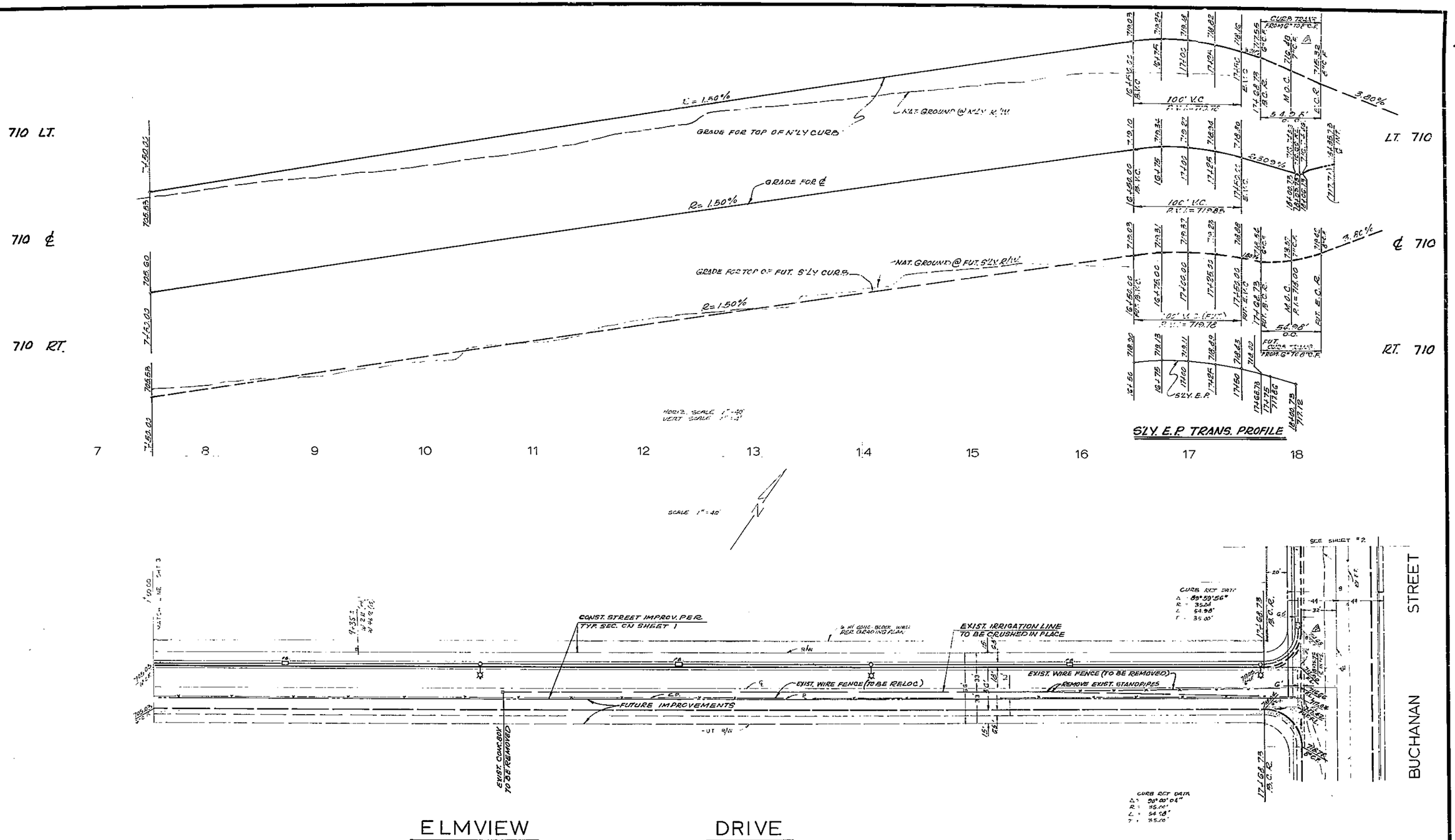
HORIZ. SCALE: 1" 40' VERT. SCALE: 1" 4'

PROJECT NO. R-1438

SHEET 3 OF 4

FILE NO.

G 4597



SLY. E.P. TRANS. PROFILE

BENCH MARK:
RIVERSIDE COUNTY AT THE CROSSING OF THE PACIFIC ELECTRIC RAILWAY, AT THE SIGNAL TOWER & 1/4 THIS SO. FACE OF THE CONC. FD. A STD DISK STAMPED "H 38"
1924 A.D.I. ELEV. 688.982

PLANS PREPARED UNDER THE SUPERVISION OF
JACK MAHONEY, R.C.E. 14825 - 5-6-70 DATE

1 Revise N. GROUND @ FUT. S'LY CURB
2 revise elev. at curb return Elmview Dr. 93.7m

MARK	REVISIONS	APPR.	DATE

DESIGNED BY ____ DRAWN BY ____ CHECKED BY ____

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY	BY	DATE
OFFICE ENGINEER		
PARK DEPARTMENT		
TRAFFIC DIVISION		
ASSISTANT CITY ENG.		

APPROVED BY
DIRECTOR OF PUBLIC WORKS
DATE

PLAN & PROFILE
ELMVIEW DRIVE
C-11-690
HORIZ. SCALE: 1" 40' VERT. SCALE: 1" - 4'

PROJECT NO. R-1438
SHEET 4 OF 4
FILE NO.

vtn grange county
ENGINEERS ARCHITECTS PLANNERS 2101 CAMPUS DRIVE IRVINE CALIFORNIA 92664 714 833-2450

G-4597