STA 310+00 MATCH LINE

ALESSANDRO BLVD

309+76
308+19
306+61
305+04
303+46
301+88
300+30
298+61
297+33
295+83
294+86
293+66
292+83
292+10
291+37
290+64
289+90
288+44
287+76
286+98
286+35 ℄ PB
286+25
285+03
283+63
282+96
280+86
280+55
279+56
279+32
278+10
275+37
274+59
273+91
273+30
272+08
271+63
270+68

EXIST. FACE

1" ST. LTG. CONDUIT

'P1' PULLBOX

1-1" DB CONDUIT

TRAFFIC SIGNAL STD. (Ref. signal) W/ST. LT. LUMINAIRE (see sht. 53 of 88; also, see Street plant for future traffic signal conduit system)

DETAIL 'B' 2

STA 310+00 MATCH LINE

ALESSANDRO BLVD

STA. 328 + 13.01 ℄ BARTON ST.

311.34
312.92
314.50
316.08
317.65
319.23
320.81
322.39
323.97
325.54
327.12

BARTON ST.

N

'P1' PULLBOX

INTERCEPT & EXTEND TO PULLBOX AND STREET LIGHT

PUT.

NORTHRUP WAY

STA. 25 + 56

1-1" DB 42"

ELECT. DUCTS

EP

STA. 25 + 01

DETAIL 'A'

ELECT. VAULT

STA 295+14 ALESSANDRO BLVD
STA 48+63 MISSION GROVE PKWY

MISSION GROVE PARKWAY

SEE DETAIL 'A'

STA 25+01 MISSION GROVE PARKWAY
STA 10+00 NORTHRUP WAY

STA 19+01 MISSION GROVE PARKWAY
STA 10+00 EARHART WAY

PROVIDE 1-1" DB STUB OUT FROM FOUNDATION FOR FUT. EXTENSION S'LY ON EARHART WAY

ELECT. MANHOLE

STA 36+41 MISSION GROVE PARKWAY
STA 10+00

ELECT. VAULT
(1) 240v. SVC. PT.
(1) 120/240v. SVC. PT.

ELECT. VAULT
(2) 240v. SVC. PTS.
(1) 120/240v. SVC. PT.

ELECT. VAULT
(2) 240v. SVC. PTS.

ELECT. VAULT
(1) 240v. SVC. PT.
(1) 120/240v. SVC. PT.

ELECTRICAL DISTRIBUTION DUCT BANK TRENCH WITH 1-1"DB INSTALLED BY PUBLIC UTILITIES CONTRACTOR.

PULLBOX

VARIES 5' to 7.5'

INTERCEPT & ROUTE TO ST. LT. STANDARD OR PULLBOX AS REQUIRED

1-1"DB. CONDUIT

TYPICAL DETAIL
SCALE 1"=30'

DET. '8' 2
SEE SHT. 53 of 88

CAUTION! EXIST. HIGH VOLTAGE ELECT.

ELECT. VAULT
(1) 120/240v. SVC. PT.

ELECT. VAULT
(2) 240v SVC PTS

ELECT. VAULT
(1) 240v. SVC. PT.
(1) 120/240v. SVC. PT.

SEE 'TYPICAL DETAIL' ABOVE

TRAUTWEIN RD

STA 8+51.52 ℄ MISSION GROVE PKWY
STA 73+00.8 ℄ TRAUTWEIN RD

LEGEND STREET

ELECT. VAULT
(3) 240v SVC. PTS.

ELECT. VAULT
(1) 240v. SVC. PT.
(1) 120/240v. SVC. PT.

ELECT. VAULT
(1) 240v SVC. PT.

WOOD RD.

STA 59+64.69 TRAUTWEIN RD
STA 2+12.00 JESSE LANE

X

X

ST. LT. STANDARD

5', 6' or 7.5'

SIDEWALK

℄ duct bank

CURB FACE

"P1" PULLBOX

INTERCEPT W/ SWEEPS AND ROUTE TO PULLBOX & STANDARD

1"DB CONDUIT BY PUBLIC UTILITIES' CONTRACTOR

ST. LT. STANDARD FOUNDATION

ELECTRICAL DUCT BANK

TYPICAL SECTION 'X-X'

1" = 2'

CONSTRUCTION NOTES

1 INSTALL ALL STREET LIGHT FACILITIES AS SHOWN IN ACCORDANCE WITH THE PLANS AND THE LATEST REVISION OF THE CITY OF RIVERSIDE PUBLIC UTILITIES DEPARTMENT STREET LIGHT SPECIFICATION 119

2 CONTACT PUBLIC UTILITIES STREET LIGHT INSPECTOR, PHONE NO 782-5429 FOR REQUIRED INSPECTIONS.

3 EXCAVATION FOR ELECTROLIER FOUNDATIONS, PULLBOXES AND CONDUITS MUST BE DONE AFTER INSTALLATION OF CURB AND GUTTER, BUT BEFORE INSTALLATION OF SIDEWALKS. FOUNDATION LOCATIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO EXCAVATION.

4 INSTALL A WATERPROOF IN LINE FUSE HOLDER IN BOTH BRANCH CONDUCTORS IN THE BASE OF EACH STREET LIGHT STANDARD. FUSE HOLDER TO BE BUSSMAN TRON HEB COMPATIBLE WITH SIZE AND TYPE OF WIRE USED WITH A BUSSMAN FNM 5 AMP 250 VOLT FUSE OR APPROVED EQUAL.

5 ALL SERVICE POINTS TO BE CONNECTED BY CITY OF RIVERSIDE.

6 MARK INSTALLATION DATE ON PHOTO CONTROLS AND LAMPS AS PROVIDED FOR BY MANUFACTURERS.

7 THESE PLANS ARE ACCURATE FOR STREET LIGHTING ONLY. SEE PLAN NO R3056 FOR STREET IMPROVEMENT DETAILS.

8 STREET LIGHTING CONDUIT TO BE INSTALLED BY PUBLIC UTILITIES ELECTRICAL CONTRACTOR ONLY WHERE COMMON WITH ELECTRICAL DISTRIBUTION DUCT BANK TRENCH. SEE DETAIL.

STREET LIGHT STRUCTURE SCHEDULE

SYMBOL	DESCRIPTION	SIZE	QTY. REQ'D.	STANDARD no.	STANDARD item
	CONCRETE ELECTROLIER STANDARD HORIZONTAL LUMINAIRE - H.P.S. LAMP - H.P.S. PHOTO CONTROL	31'-3" 200 w. 200 w. 1000 w.	150 ea. 2 151 ea. 2 151 ea. 2 151 ea. 2	UGS-800 UGS-800 UGS-800 UGS-800	SB * H4 HL4 PC-2
□	CONCRETE PULLBOX	10"x17"x12"	60 ea. 2	UGS-800	P1
------	EXIST. 1-1" DB CONDUIT - INSTALL 2-#8 CU. 600v CABLES	AS SHOWN	7291 ft.		SPEC. 119
---#---	EXIST. 1-1" DB CONDUIT - INSTALL 3-#8 cu. 600v. CABLES * *	AS SHOWN	1543 ft.		SPEC. 119
———	1-1" DB CONDUIT 2-#8 cu. 600v. CABLES	AS SHOWN	3418 ft.		SPEC. 119
———#———	1-1" DB CONDUIT 3-#8 cu. 600v. CABLES * *	AS SHOWN	1011 ft.		SPEC. 119
———◇———	1-1" DB CONDUIT 2-#4 CU. 600v. CABLES	AS SHOWN	947 ft.		SPEC. 119
———◆———	1-1½" DB CONDUIT 2-#2 cu. 600v. CABLES	AS SHOWN	1309 ft.		SPEC. 119
———o———	EXIST. 1-1" DB CONDUIT - NO CABLE REQUIRED	AS SHOWN	—		———

* One standard on Alessandro Blvd. to be double arm and two luminaires
** Allow 20 ft. more for 120v. circuit to serve inspection convenience

CALL BEFORE YOU DIG
48 HOURS BEFORE YOU DIG CALL
Underground Service Alert
1-800-422-4133

REGISTERED PROFESSIONAL ENGINEER
JOHN L. SEVY
No. E 12863
Exp. 12-31-92
ELECTRICAL
STATE OF CALIFORNIA

John L Sevy
7-10-89

APPRVD.	REVISIONS	DATE
M.C.L.	2 CHANGED LOC. 100+65 TO 103+35 E. AND CHANGED (5) STREET LIGHT STANDARDS TO TRAFFIC SIGNAL STD.'s	12-4-1989
M.C.L.	1 DELETED ST. LT. STA. 281+96 ALESSANDRO, REV. ST. LT. LOC.'s and 120v. CIRCUITS FOR IRR. SYST. PER K-30266 dated 10/10/89	10-24-1989

FILE W/ R-3056

MISSION GROVE CFD STREET LIGHTING
MISSION GROVE PARKWAY S/O ALESSANDRO,
TRAUTWEIN S/O ALESSANDRO & ALESSANDRO S/S TRAUTWEIN-BARTON

SCALE 1"= 200'	DRAWN T. MADER
DATE 6-28-89	CHECKED MD
JOB No. 8450	APPROVED
B.I. 60-651-642	

CITY OF RIVERSIDE
DEPARTMENT OF PUBLIC UTILITIES
DRAWING No.
E | L5-13764
DIV.

R.E.R. 12/12/89 JWS 12/12/89 INDEXED 7-24-90 GH