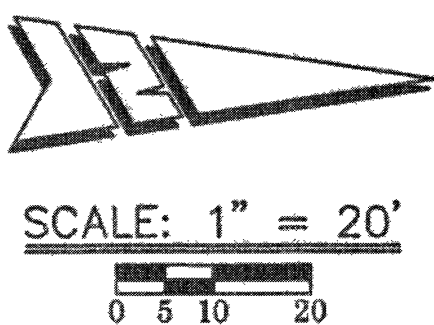


GENERAL NOTES THIS SHEET:

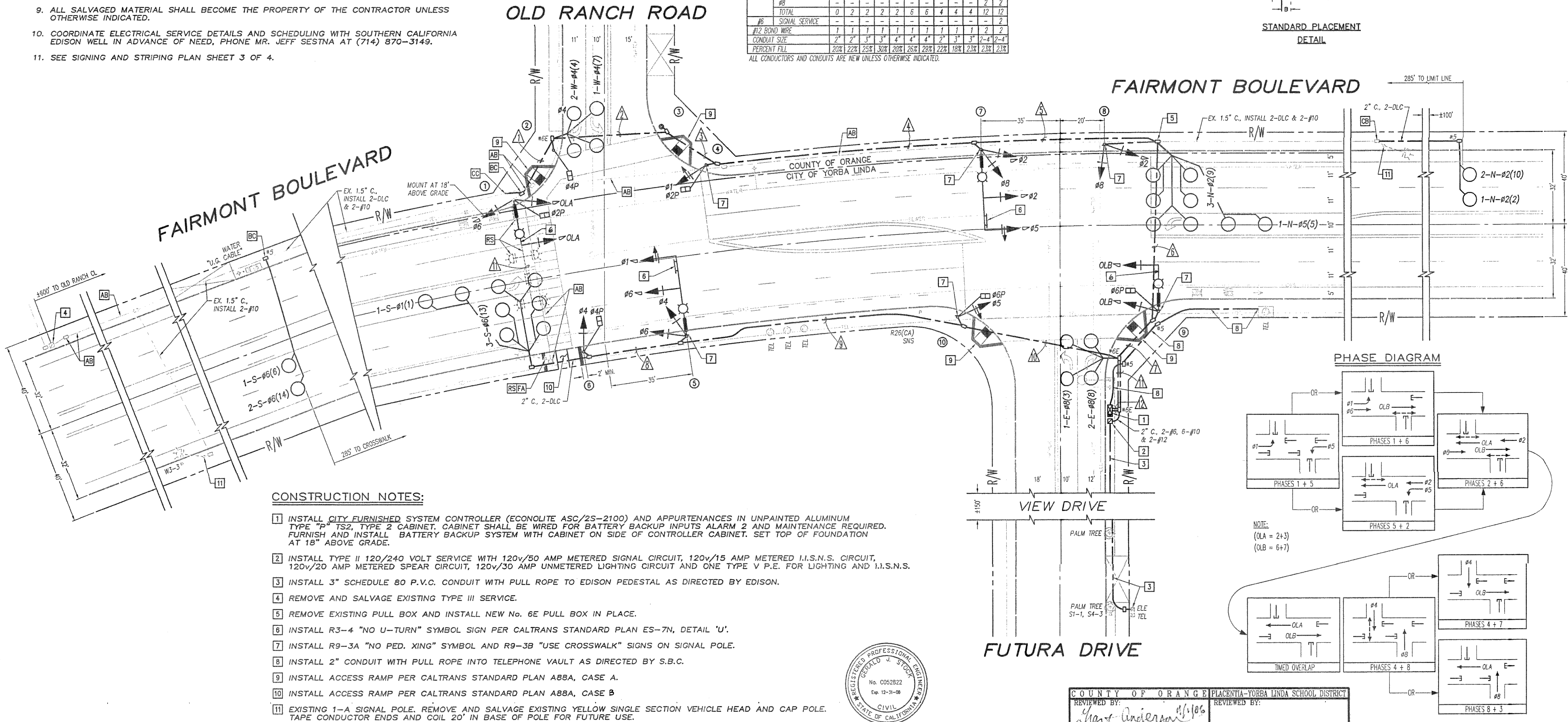
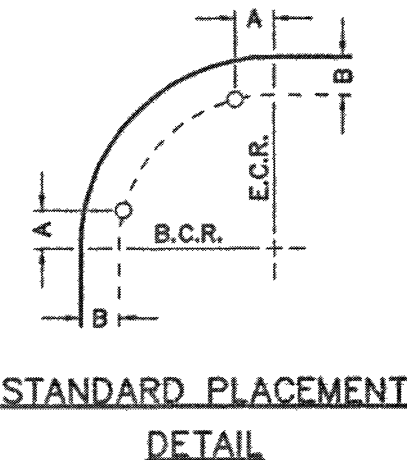
1. TRAFFIC SIGNAL AND LIGHTING SHALL CONFORM TO CALTRANS STANDARD SPECIFICATIONS SECTION 86 AND CALTRANS STANDARD PLANS (DATED JULY 2004).
2. LOCATION OF ALL UNDERGROUND UTILITIES ARE APPROXIMATE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATIONS AND VERIFY ALL CONDITIONS ON THE JOB SITE. HAND DIG FOUNDATION UNTIL CLEAR OF OBSTRUCTIONS. PHONE UNDERGROUND SERVICE ALERT AT 800/422-4133. POT HOLE REQUIRED FOR UTILITIES SHOWN OR NOT SHOWN SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND COST FOR SAME SHALL BE INCLUDED IN THE CONTRACT BID PRICE.
4. OBTAIN APPROVAL FOR EXACT EQUIPMENT LOCATIONS PRIOR TO FINAL PLACEMENT.
5. ALL VEHICLE INDICATIONS SHALL BE 12" WITH FULL CIRCLE VISOR'S, RED, AMBER AND GREEN TYPE 1 L.E.D.'s. PEDESTRIAN INDICATIONS SHALL BE L.E.D. WALK MAN AND HAND TYPE. ALL SIGNAL HEADS AND HARDWARE SHALL BE METAL.
6. ALL PULL BOXES SHALL BE No. 6 AND CONDUIT 2" TYPE 3 SCHEDULE 80 PVC EXCEPT AS SHOWN.
7. CONDUIT STREET CROSSINGS SHALL BE PLACED UNDER EXISTING PAVEMENT BY JACKING OR DRILLING METHODS.
8. INDUCTIVE LOOPS SHALL BE TYPE "E" WITH 10' SPACING IN THE DIRECTION OF TRAVEL UNLESS OTHERWISE NOTED. LOOP WIRE SHALL BE TYPE 2. LOOP SEALANT SHALL BE HOT-MELT RUBBERIZED ASPHALT PER STATE STANDARD 86-S.01A(S).
9. ALL SALVAGED MATERIAL SHALL BECOME THE PROPERTY OF THE CONTRACTOR UNLESS OTHERWISE INDICATED.
10. COORDINATE ELECTRICAL SERVICE DETAILS AND SCHEDULING WITH SOUTHERN CALIFORNIA EDISON WELL IN ADVANCE OF NEED, PHONE MR. JEFF SESTNA AT (714) 870-3149.
11. SEE SIGNING AND STRIPING PLAN SHEET 3 OF 4.



CONDUCTOR AND CONDUIT SCHEDULE												
AWG	CIRCUIT	1	2	3	4	5	6	7	8	9	10	11
12 COND. CABLE	POLE ①	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1
	POLE ②	-	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1
	POLE ③	-	-	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1
	POLE ④	-	-	-	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1
	POLE ⑤	-	-	-	-	1/1	1/1	1/1	1/1	1/1	1/1	1/1
3 COND. CABLE	POLE ⑥	-	-	-	-	-	1/1	1/1	1/1	1/1	1/1	1/1
	POLE ⑦	-	-	-	-	-	-	1/1	1/1	1/1	1/1	1/1
	POLE ⑧	-	-	-	-	-	-	-	1/1	1/1	1/1	1/1
	POLE ⑨	-	-	-	-	-	-	-	-	1/1	1/1	1/1
	POLE ⑩	-	-	-	-	-	-	-	-	-	1/1	1/1
TOTAL		1/1	2/2	3/3	4/4	5/5	6/6	7/7	8/8	9/9	10/10	11/11
#12 I.I.S.N.S.		2	2	2	2	2	2	2	2	2	2	2
LUMINAIRE		2	2	2	2	2	2	2	2	2	2	2
FUTURE		2	2	2	2	2	2	2	2	2	2	2
TOTAL		4	4	4	4	4	4	4	4	4	4	4
TYPE B DLC	#1	-	-	-	-	-	-	-	-	-	-	-
	#2	-	-	-	-	-	-	-	-	-	-	-
	#4	-	-	-	-	-	-	-	-	-	-	-
	#5	-	-	-	-	-	-	-	-	-	-	-
	#6	-	-	-	-	-	-	-	-	-	-	-
TOTAL		0	2	2	2	2	2	2	2	2	2	2
#6 SIGNAL SERVICE		-	-	-	-	-	-	-	-	-	-	-
#12 BOND WIRE		1	1	1	1	1	1	1	1	1	1	1
CONDUIT SIZE		2"	2"	3"	3"	4"	4"	4"	2"	3"	3"	2-4"
PERCENT FILL		20%	22%	25%	30%	20%	26%	29%	22%	18%	23%	23%

POLE SCHEDULE												
TYPE	HT.	SIG.	LUM.	H.P.S.V.	TYPE	PHASE	QUAD	SIGNAL MOUNTING		I.I.S.N.S.	PLACEMENT	
								VEHICLE	PED.		A	B
①	(E) 26-4-70	30' (9.1m)	20' (6.1m)	(E)15' (4.6m)	250 W	B	4	N	MAS, SV-1-T, SV-1-T	SP-1-CS	Old Ranch Rd	(E) 8' 3"
②	1-A	7' (2.1m)	-	-	-	B	2	E	-	TP-1	-	8' 3"
③	Ped Post	3'10" (1.0m)	-	-	-	B	2	E	-	-	-	14' 3"
④	1-A	10' (3.0m)	-	-	-	-	-	-	-	SP-1-CS	-	13' 3"
⑤	24-4-161	30' (9.1m)	35' (10.7m)	12' (3.7m)	250 W	-	-	MAS, MAS, SV-2-TA	SP-1-CS	Old Ranch Rd	Per Plan	2.5'
⑥	1-A	10' (3.0m)	-	-	-	B	4	S	-	-	-	2.5'
⑦	24-4-161	30' (9.1m)	35' (10.7m)	12' (3.7m)	250 W	-	-	MAS, MAS, SV-2-TA	SP-1-CS	Futura Dr	Per Plan	2.5'
⑧	1-A	10' (3.0m)	-	-	-	-	-	-	-	-	-	2.5'
⑨	17-3-161	30' (9.1m)	20' (6.1m)	12' (3.7m)	250 W	B	6	E	MAS, SV-1-T	SP-1-CS	Futura Dr	12' 3"
⑩	1-A	10' (3.0m)	-	-	-	B	6	E	-	SP-1-CS	-	12' 3"

ALL EQUIPMENT IS NEW UNLESS OTHERWISE INDICATED
(E) = EXISTING



CONSTRUCTION NOTES:

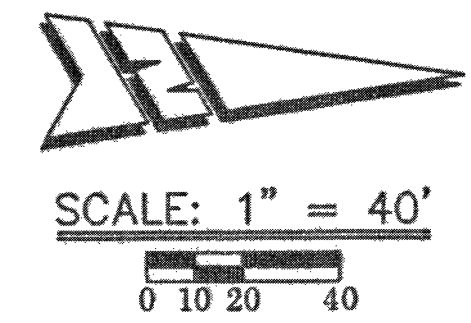
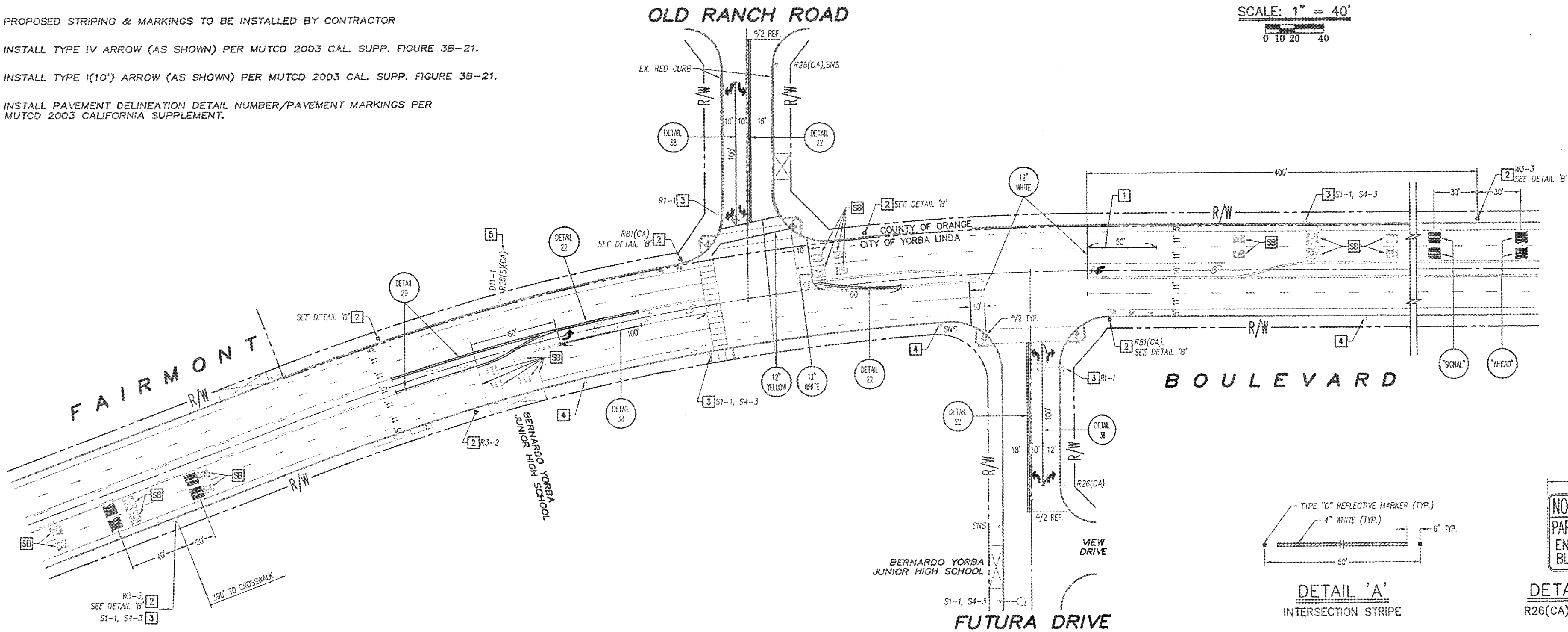
1. INSTALL CITY FURNISHED SYSTEM CONTROLLER (ECONOLITE ASC/2S-2100) AND APPURTENANCES IN UNPAINTED ALUMINUM TYPE "P" TS2, TYPE 2 CABINET. CABINET SHALL BE WIRED FOR BATTERY BACKUP INPUTS ALARM 2 AND MAINTENANCE REQUIRED. FURNISH AND INSTALL BATTERY BACKUP SYSTEM WITH CABINET ON SIDE OF CONTROLLER CABINET. SET TOP OF FOUNDATION AT 18" ABOVE GRADE.
2. INSTALL TYPE II 120/240 VOLT SERVICE WITH 120v/50 AMP METERED SIGNAL CIRCUIT, 120v/15 AMP METERED I.I.S.N.S. CIRCUIT, 120v/20 AMP METERED SPEAR CIRCUIT, 120v/30 AMP UNMETERED LIGHTING CIRCUIT AND ONE TYPE V P.E. FOR LIGHTING AND I.I.S.N.S.
3. INSTALL 3" SCHEDULE 80 P.V.C. CONDUIT WITH PULL ROPE TO EDISON PEDESTAL AS DIRECTED BY EDISON.
4. REMOVE AND SALVAGE EXISTING TYPE III SERVICE.
5. REMOVE EXISTING PULL BOX AND INSTALL NEW No. 6E PULL BOX IN PLACE.
6. INSTALL R3-4 "NO U-TURN" SYMBOL SIGN PER CALTRANS STANDARD PLAN ES-7N, DETAIL 'U'.
7. INSTALL R9-3A "NO PED. XING" SYMBOL AND R9-3B "USE CROSSWALK" SIGNS ON SIGNAL POLE.
8. INSTALL 2" CONDUIT WITH PULL ROPE INTO TELEPHONE VAULT AS DIRECTED BY S.B.C.
9. INSTALL ACCESS RAMP PER CALTRANS STANDARD PLAN A88A, CASE A.
10. INSTALL ACCESS RAMP PER CALTRANS STANDARD PLAN A88A, CASE B.
11. EXISTING 1-A SIGNAL POLE. REMOVE AND SALVAGE EXISTING YELLOW SINGLE SECTION VEHICLE HEAD AND CAP POLE. TAPE CONDUCTOR ENDS AND COIL 20' IN BASE OF POLE FOR FUTURE USE.



COUNTY OF ORANGE PLACENTIA-YORBA LINDA SCHOOL DISTRICT	
REVIEWED BY: <i>Yant Anderson</i>	REVIEWED BY: _____
DATE: _____	DATE: _____

REVISIONS				REFERENCES				TRAFFIC SIGNAL AND LIGHTING PLAN			
Number	Date	Initials	App'd	Number	Date	Initials	App'd	Fairmont Boulevard and Old Ranch Road / Futura Drive			
								CITY OF YORBA LINDA			
								Sheet 1 of 4			

- LEGEND:**
- EXISTING STRIPING & MARKINGS TO REMAIN
 - EXISTING STRIPING & MARKINGS TO BE REMOVED BY WET SANDBLASTING
 - PROPOSED STRIPING & MARKINGS TO BE INSTALLED BY CONTRACTOR
 - INSTALL TYPE IV ARROW (AS SHOWN) PER MUTCD 2003 CAL. SUPP. FIGURE 3B-21.
 - INSTALL TYPE I(10") ARROW (AS SHOWN) PER MUTCD 2003 CAL. SUPP. FIGURE 3B-21.
 - INSTALL PAVEMENT DELINEATION DETAIL NUMBER/PAVEMENT MARKINGS PER MUTCD 2003 CALIFORNIA SUPPLEMENT.

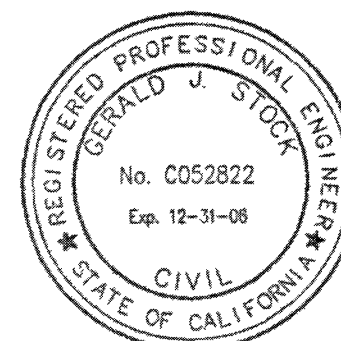


SIGNING & STRIPING GENERAL NOTES:

- TRAFFIC STRIPES, PAVEMENT MARKINGS, RAISED PAVEMENT MARKERS AND SIGNS PER THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD 2003 CALIFORNIA SUPPLEMENT).
- ALL STRIPING AND PAVEMENT MARKINGS SHALL BE MARKED OUT, INSPECTED AND APPROVED BY THE CITY PRIOR TO INSTALLATION.
- PAINTED TRAFFIC STRIPES AND PAINTED PAVEMENT MARKINGS (IF ALLOWED) SHALL BE APPLIED IN TWO COATS. PAVEMENT MARKINGS SHALL BE APPLIED IN THERMOPLASTIC FORMAT UNLESS APPROVED OTHERWISE.
- ALL CONFLICTING STRIPES AND PAVEMENT MARKINGS SHALL BE REMOVED BY WET SANDBLASTING OR GRINDING. CONFLICTING SIGNS AND RAISED PAVEMENT MARKERS SHALL BE REMOVED.
- NEW SIGNS SHALL BE HIGH INTENSITY WITH GRAFFITI FILM 1160.
- ALL REMOVED SIGNS SHALL BE SALVAGED AND DELIVERED TO THE CITY YARD AS DIRECTED BY THE CITY INSPECTOR.
- ALL WORK SHALL BE DONE BY THE CONTRACTOR.

CONSTRUCTION NOTES:

- INSTALL STRIPE PER DETAIL 'A'.
- INSTALL SIGN(S) (AS SHOWN) AND POST (IF APPLICABLE).
- REMOVE AND SALVAGE EXISTING SIGN(S) (AS SHOWN) AND POST (IF APPLICABLE).
- REMOVE AND SALVAGE EXISTING "NO PARKING" SIGN AND INSTALL MODIFIED R26(CA) SIGN PER DETAIL 'B' IN PLACE.
- REMOVE AND SALVAGE EXISTING R26(S)(CA) SIGN AND INSTALL NEW R3-2 SIGN IN PLACE.
- WET SANDBLAST.



COUNTY OF ORANGE		PLACENTIA-YORBA LINDA SCHOOL DISTRICT	
REVIEWED BY:	DATE:	REVIEWED BY:	DATE:
<i>[Signature]</i>	10/19/06		

HCI CAD FILE: FAIRMONT-FUTURA_STRIP.dwg

REVISIONS					REFERENCES					HARTZOG CRABILL, Inc.		Prepared Under The Supervision Of		DATE	SIGNING AND STRIPING PLAN		Sheet 3 of 4
Number	Date	Initials		App'd										10/19/06	Fairmont Boulevard and Old Ranch Road / Futura Drive		
														10/19/06	CITY OF YORBA LINDA		
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