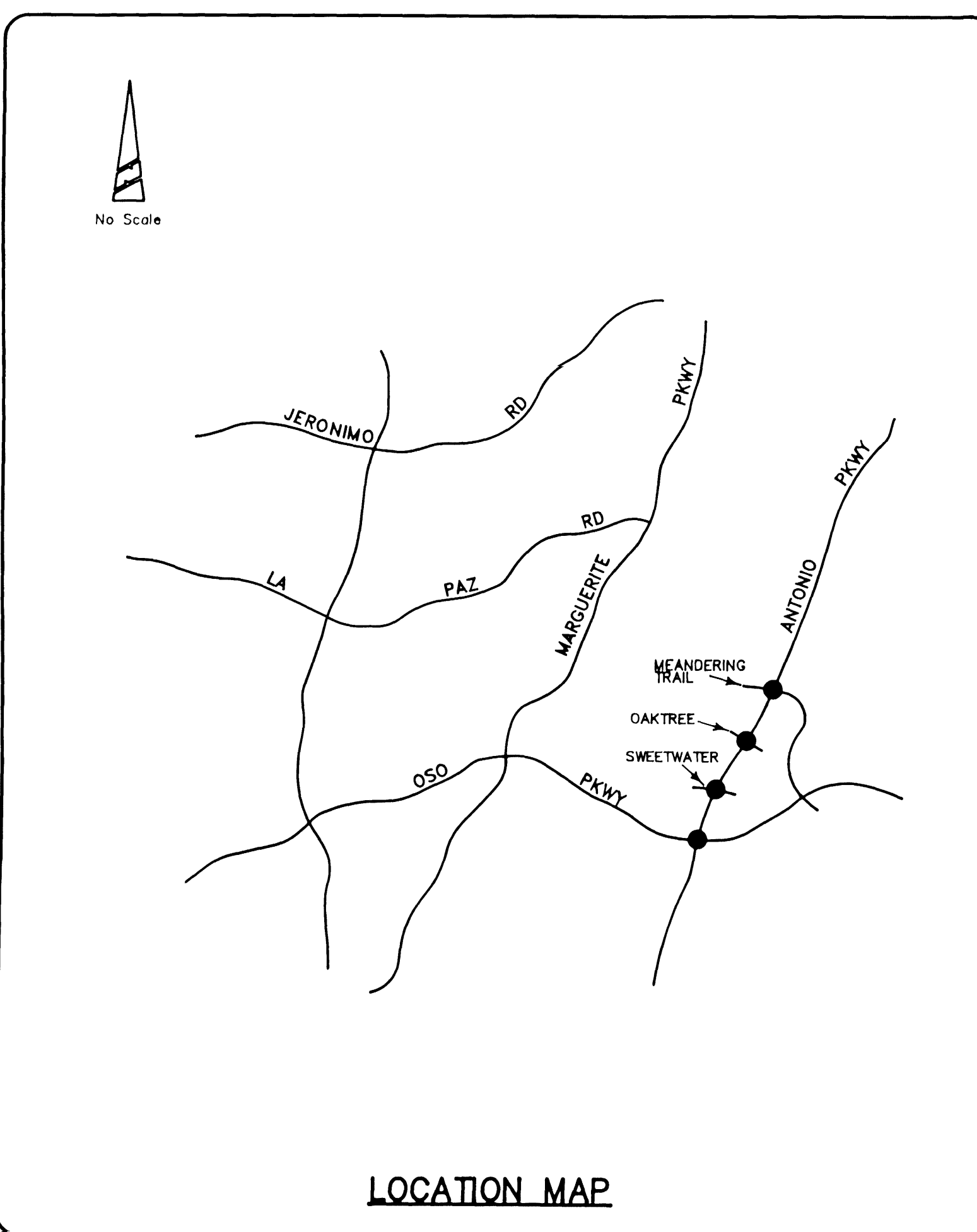
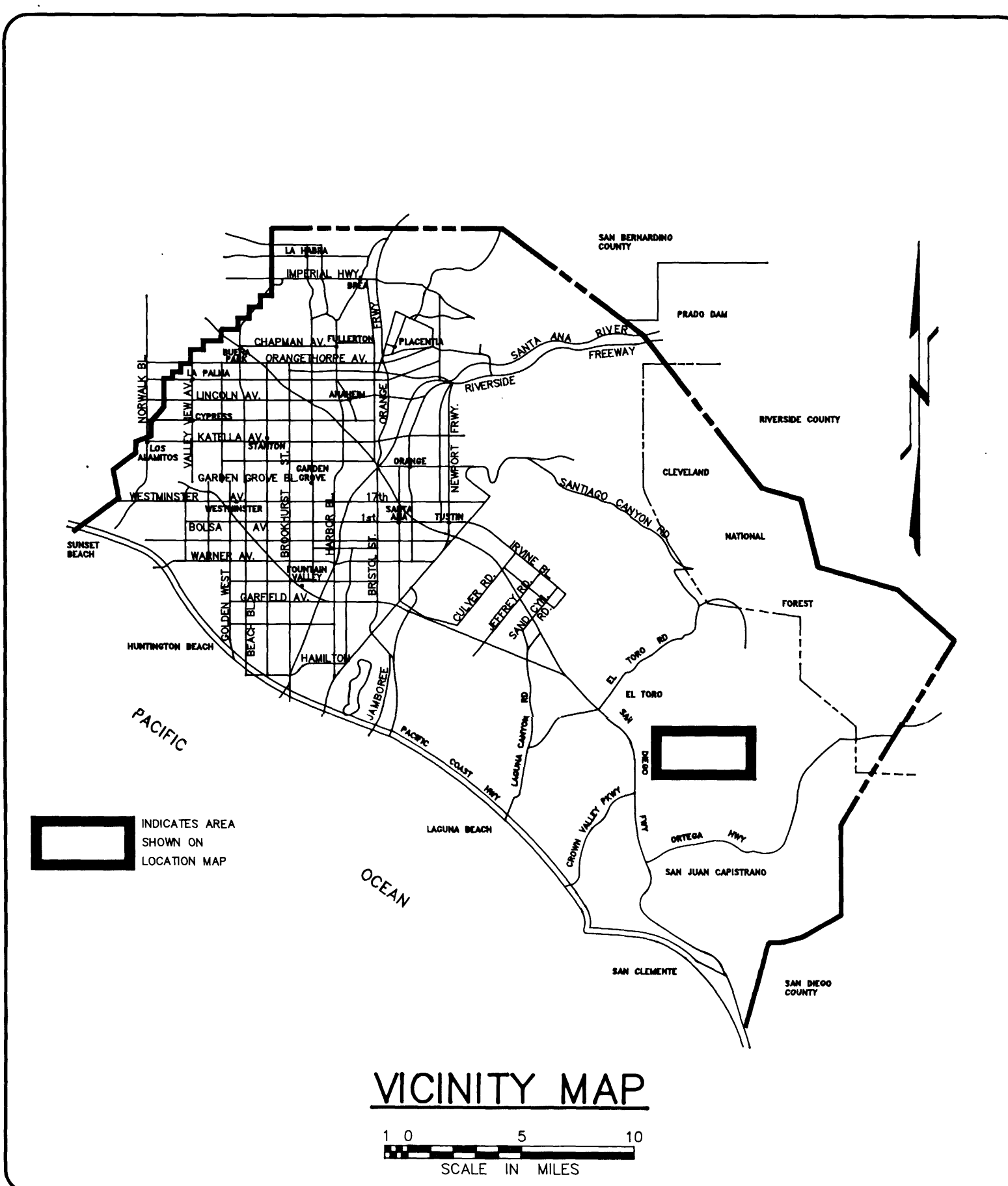




ORANGE COUNTY
ENVIRONMENTAL MANAGEMENT AGENCY

SANTA ANA, CALIFORNIA

PLANS FOR CONSTRUCTION OF TRAFFIC SIGNAL IMPROVEMENTS AT

ANTONIO PARKWAY & OSO PARKWAY
ANTONIO PARKWAY & MEANDERING TRAIL
ANTONIO PARKWAY & OAKTREE
ANTONIO PARKWAY & SWEETWATER
TRACTS 14491 & 14492

BLOCK: 5258

MODULE NO. 00.00; 01.00; 02.00
03.00; 04.01; 05.01; 06.01
06.03; 07.04; 08.04; 09.05

BLOCK: 5358

MODULE NO. 00.05; 00.06; 01.06
02.07; 03.08

ENCROACHMENT PERMIT NO. _____

EMA APPROVED PLANS DO NOT RELIEVE CONTRACTOR/DEVELOPER FROM RESPONSIBILITY TO OBTAIN PUBLIC PROPERTY PERMIT WHICH SHALL BE AVAILABLE ON THE JOB AT ALL TIMES WORK IS BEING ACCOMPLISHED IN PUBLIC RIGHT OF WAY.

COUNTY OF ORANGE
E.M.A. REGULATION

THIS PLAN IS SIGNED BY E.M.A. REGULATION FOR
CONCEPT AND ADHERENCE TO COUNTY STANDARDS
AND REQUIREMENTS ONLY. E.M.A. IS NOT RESPONSIBLE
FOR DESIGN ASSUMPTIONS AND ACCURACY.

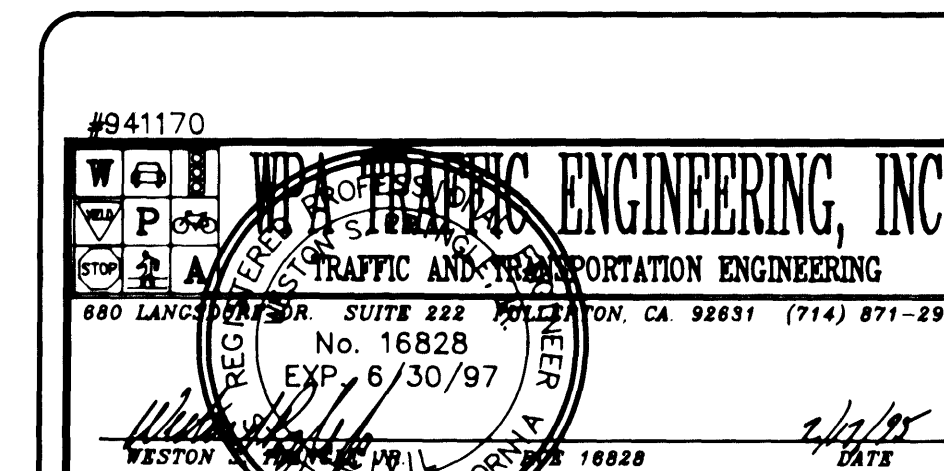
Patrick Stanton 4/7/95

E.M.A. - COUNTY OF ORANGE

E.M.A. / TRAFFIC ENGINEERING DIVISION

BY: [Signature] - 3/23/98
RCE EXP. DATE DATE

THIS PLAN IS SIGNED BY E.M.A./T.E.D. FOR CONCEPT AND ADHERENCE TO COUNTY TRAFFIC SIGNAL, SIGNING AND STRIPING AND REQUIREMENTS ONLY. E.M.A./T.E.D. IS NOT RESPONSIBLE FOR DESIGN ASSUMPTIONS OR ACCURACY.



SHEET	<u>INDEX OF SHEETS</u>	DESCRIPTION
1.	TITLE SHEET	
2.	TRAFFIC SIGNAL PLAN ANTONIO PKWY. & OSO PKWY.	
3.	TRAFFIC SIGNAL PLAN ANTONIO PKWY. & MEANDERING TRAIL	
4.	TRAFFIC SIGNAL PLAN ANTONIO PKWY. & OAKTREE	
5.	TRAFFIC SIGNAL PLAN ANTONIO PKWY. & SWEETWATER	
6.	DETAIL SHEET	

UTILITY	PHONE	CONTACT
1. SO. CAL. EDISON	458-4447	BRIAN SMITH
2. PACIFIC BELL	259-4459	JOHN ESTY
3. M.N. WATER DIST.	831-1773	
4. U.S.ALERT	1-800-422-4133	
5. SO. CAL. GAS CO.	634-3115	DON JONES
6. DIMENSION CABLE	240-8828	LINDA TESSIER
7. S.D.G.& E.	361-8031	GRACE TURNER

BENCH MARK:

BASIS OF BEARING:

[illegible]

W.O. NO. _____
DWG. NO. _____

SHEET 1 OF 6

DRAWING NUMBER
0 @ OSO

DRAWING NUMBER
A495.2

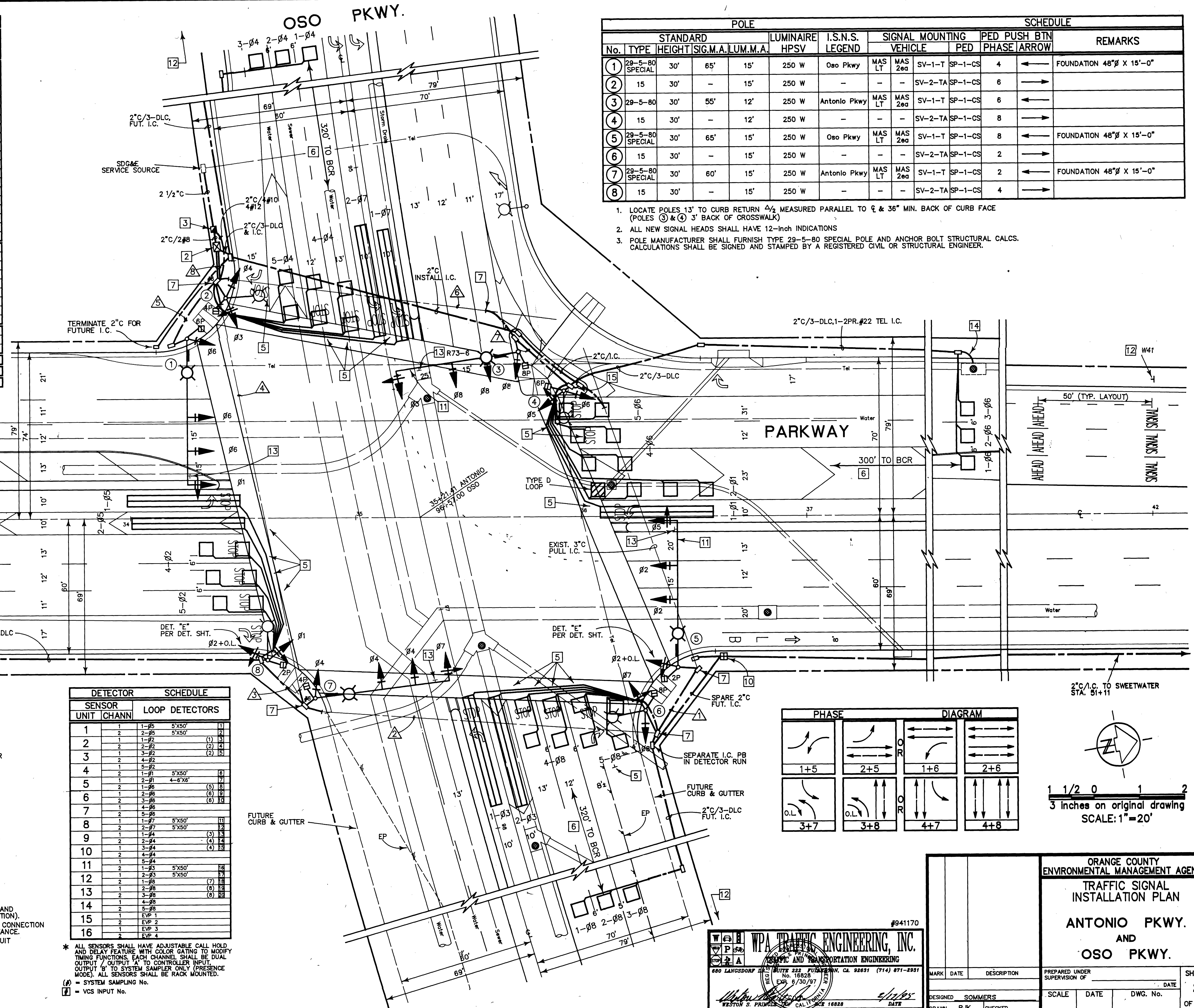
DRAWING NUMBER

DRAWING NUMBER

DRAWING NUMBER

CONDUCTOR		TABLE							
AWG	CIRCUIT	RUNS							
		1	2	3	4	5	6	7	8
# 14	Ø1	-	-	3	3	3	-	-	6
	Ø2	3	3	3	6	-	-	-	6
	Ø3+Ø2 O.L.	2	2	-	4	-	3	-	7
	Ø4	-	-	-	3	-	-	-	3
	Ø5	3	3	-	3	-	3	3	6
	Ø6	-	-	-	-	3	3	3	6
	Ø7	-	3	-	3	-	-	-	3
	Ø8	-	3	-	3	-	3	-	6
	Ø2 PED	2	2	2	4	-	-	-	4
	Ø4 PED	-	-	-	2	-	-	-	2
	Ø6 PED	-	-	-	2	2	2	4	4
	Ø8 PED	-	-	-	2	-	-	-	2
	Ø2 PPB	-	1	-	1	-	-	-	1
	Ø4 PPB	-	-	1	1	-	-	-	2
DLC	Ø6 PPB	-	-	-	1	-	-	-	1
	Ø8 PPB	1	1	-	1	-	1	1	2
	PPB COMMON	1	1	2	1	1	1	1	3
	SPARES	3	3	3	3	3	3	3	9
# 10	TOTALS	15	24	14	40	13	22	13	75
	Ø1 DETECTOR	-	-	-	-	-	2	2	2
	Ø2 DETECTOR	-	-	5	5	-	-	-	5
	Ø3 DETECTOR	-	2	-	2	-	-	-	2
# 12	Ø4 DETECTOR	-	-	-	-	-	-	-	2
	Ø5 DETECTOR	-	-	2	2	-	-	-	2
	Ø6 DETECTOR	-	-	-	-	5	5	5	5
	Ø7 DETECTOR	-	-	-	-	-	-	-	2
# 20	Ø8 DETECTOR	-	5	-	5	-	-	-	5
	TOTAL CABLES	-	7	7	14	-	7	7	25
	LUMINAIRE	2	2	2	2	2	2	2	-
	SIGNAL COMMON	1	1	1	1	1	1	1	3
# 20	TOTAL	3	3	3	3	3	3	3	3
	L.S.N.S.	2	2	-	2	4	2	-	-
	EVP CABLE	1	1	-	2	1	1	-	4
	CONDUIT SIZE	2"	3"(E)	3"	3"(E)	2"	3"(E)	3"	2-3"

(E) - EXIST. CONDUIT (LOCATION SHOWN APPROXIMATE)



POLE							SCHEDULE						
STANDARD					LUMINAIRE HPSV	I.S.N.S. LEGEND	SIGNAL MOUNTING		PED PUSH BTN		REMARKS		
No.	TYPE	HEIGHT	SIG.M.A.	LUM.M.A.			VEHICLE	PED	PHASE	ARROW			
①	29-5-80 SPECIAL	30'	65'	15'	250 W	Oso Pkwy	MAS LT	MAS 2nd	SV-1-T	SP-1-CS	4	←	FOUNDATION 48"Ø X 15'-0"
②	15	30'	—	15'	250 W	—	—	—	SV-2-TA	SP-1-CS	6	→	
③	29-5-80	30'	55'	12'	250 W	Antonlo Pkwy	MAS LT	MAS 2nd	SV-1-T	SP-1-CS	6	←	
④	15	30'	—	12'	250 W	—	—	—	SV-2-TA	SP-1-CS	8	→	
⑤	29-5-80 SPECIAL	30'	65'	15'	250 W	Oso Pkwy	MAS LT	MAS 2nd	SV-1-T	SP-1-CS	8	←	FOUNDATION 48"Ø X 15'-0"
⑥	15	30'	—	15'	250 W	—	—	—	SV-2-TA	SP-1-CS	2	→	
⑦	29-5-80 SPECIAL	30'	60'	15'	250 W	Antonlo Pkwy	MAS LT	MAS 2nd	SV-1-T	SP-1-CS	2	←	FOUNDATION 48"Ø X 15'-0"
⑧	15	30'	—	15'	250 W	—	—	—	SV-2-TA	SP-1-CS	4	→	

- LOCATE POLES 13' TO CURB RETURN $\Delta \frac{1}{2}$ MEASURED PARALLEL TO ϕ & 36" MIN. BACK OF CURB FACE (POLES ③ & ④ 3' BACK OF CROSSWALK)
- ALL NEW SIGNAL HEADS SHALL HAVE 12-INCH INDICATIONS
- POLE MANUFACTURER SHALL FURNISH TYPE 29-5-80 SPECIAL POLE AND ANCHOR BOLT STRUCTURAL CALCS. CALCULATIONS SHALL BE SIGNED AND STAMPED BY A REGISTERED CIVIL OR STRUCTURAL ENGINEER.

NOTES

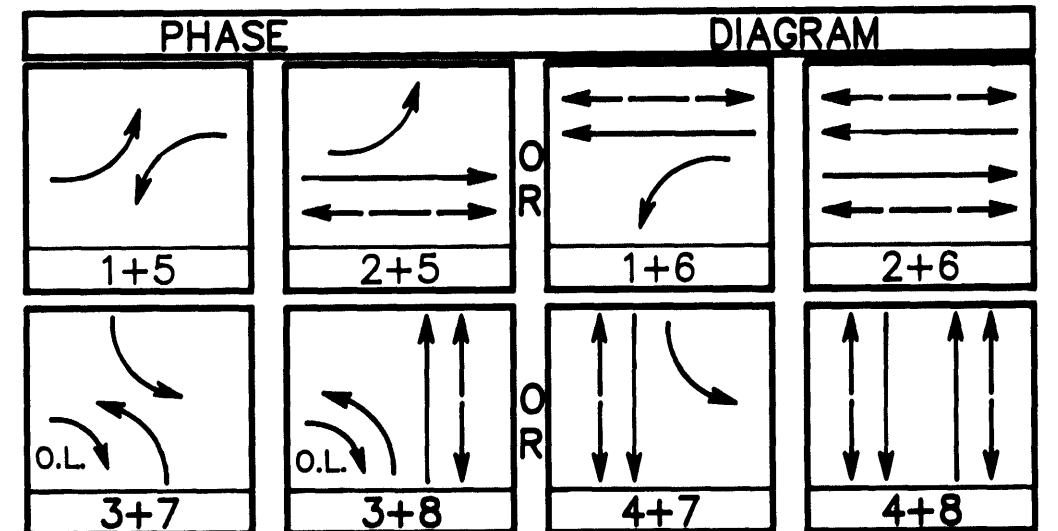
- REFER TO DETAIL SHEET FOR GENERAL NOTES.
- FURNISH AND INSTALL 8-PHASE SYSTEM CONTROLLER WITH 28 LOOP DETECTOR CHANNELS AND TELEMETRY IN A TYPE "P" ALUMINUM CABINET.
- INSTALL TYPE III SERVICE WITH 2-30A LIGHTING, 50A SIGNAL AND 15A I.S.N.S. BREAKERS.
- STREET PAINTING INSTALLATION AND REMOVALS SHALL BE COMPLETED BY OTHERS AND IS EXPECTED TO BE EXISTING.
- REMOVE R1 SIGNS AND "STOP" PAVEMENT MARKINGS AT SIGNAL TURN-ON. ADVANCE LOOPS ARE 350' TO CROSSWALK.
- USE EXISTING CONDUIT CROSSINGS. VERIFY LOCATIONS IN FIELD. INTERCEPT AND EXTEND AS NECESSARY TO PULLBOX.
- INSTALL #8 COPPER BARE BOND WIRE IN ALL PVC CONDUITS AT INTERSECTION. AND #12 LOCATOR WIRE IN I.C. & ADVANCE DETECTION CONDUITS.
- INSTALL BELL-ENDS ON ALL PVC CONDUIT PRIOR TO PULLING WIRE OR CABLE.
- INSTALL INTERCONNECT SPICE CABINET PER DETAIL "F" (SEE DETAIL SHEET). USE EXISTING FOUNDATION.
- INSTALL NEMA EVP SENSOR CABLE FROM CONTROLLER CABINET TO END OF SIGNAL MAST ARM. TERMINATE CABLE INTO SPECIAL FUNCTION PANEL.
- INSTALL W41 SIGN AND "SIGNAL AHEAD" MARKING (EA. LANE) 500' TO BCR OR AS SHOWN. SEE TYPICAL LAYOUT.
- FURNISH TO COUNTY TRAFFIC ENGINEER AT SIGNAL TURN ON, 3 EACH R73-5 AND 1-R73-6 SIGNS COMPLETE WITH ALL MOUNTING HARDWARE. (FUTURE INSTALLATION).
- INSTALL 2" C INTO TELEPHONE VAULT. LEAVE 10' 1-2PR. #22 CABLE COILED FOR CONNECTION BY TEL. CO. CONTACT MR. BILL CARPENTER (714)259-4455 72 HOURS IN ADVANCE.
- INSTALL 2" BETWEEN PULLBOXES. RUN TEL. I.C. TO CONTROLLER VIA I.C. CONDUIT

DETECTOR		SCHEDULE	
SENSOR UNIT	CHANN	LOOP DETECTORS	
1	1	1-Ø5	5'X50'
2	2	2-Ø5	5'X50'
3	1	1-Ø2	(1) 3
3	2	2-Ø2	(2) 4
4	1	3-Ø2	(2) 5
5	1	5-Ø2	(1) 6
5	2	1-Ø1	4-6'X6'
6	1	1-Ø6	(5) 8
6	2	2-Ø6	(6) 9
7	1	4-Ø6	(6) 10
7	2	5-Ø6	(7) 11
8	1	1-Ø7	5'X50'
8	2	2-Ø7	5'X50'
9	1	1-Ø4	(3) 12
9	2	2-Ø4	(4) 13
10	1	3-Ø4	(4) 14
10	2	4-Ø4	(4) 15
11	1	5-Ø4	(5) 16
11	2	1-Ø3	5'X50'
12	1	2-Ø3	5'X50'
12	2	1-Ø6	(7) 18
13	1	2-Ø6	(8) 19
13	2	3-Ø6	(6) 20
14	1	4-Ø6	(6) 21
14	2	5-Ø6	(7) 22
15	1	EVP 1	
15	2	EVP 2	
16	1	EVP 3	
16	2	EVP 4	

* ALL SENSORS SHALL HAVE ADJUSTABLE CALL HOLD AND DELAY FEATURE WITH COLOR GATING TO MODIFY TIMING FUNCTIONS. EACH CHANNEL SHALL BE DUAL OUTPUT / OUTPUT A TO CONTROLLER INPUT, OUTPUT B TO SYSTEM SAMPLER ONLY (PRESENCE MODE). ALL SENSORS SHALL BE RACK MOUNTED.

② = SYSTEM SAMPLING No.

③ = VCS INPUT No.



1 1/2 0 1 2
3 inches on original drawing
SCALE: 1"=20'

WPA TRAFFIC ENGINEERING, INC.
REGISTERED PROFESSIONAL ENGINEER
No. 16828
EXPI. 8/30/97
680 LANGSDORF DR., SUITE 222, PULVERMAN, CA 92651 (714) 871-2931
WESTON S. PRINCE, P.E. CALIFORNIA 16828

ORANGE COUNTY
ENVIRONMENTAL MANAGEMENT AGENCY

TRAFFIC SIGNAL
INSTALLATION PLAN

ANTONIO PKWY.
AND
OSO PKWY.

MARK DATE DESCRIPTION PREPARED UNDER SUPERVISION OF SCALE DATE DWG. No.

DESIGNED SOMMERS
DRAWN PJK
CHECKED

SHEET 2 OF 6

			ORANGE COUNTY ENVIRONMENTAL MANAGEMENT AGENCY	
			TRAFFIC SIGNAL UNDERGROUND INSTALLATION PLAN	
			ANTONIO PKWY. AND MEANDERING TRAIL	
MARK	DATE	DESCRIPTION	PREPARED UNDER SUPERVISION OF _____ DATE _____	
DESIGNED <u>SOMMERS</u>			SCALE _____ DATE _____ DWG. No. _____	
DRAWN	P.J.K.	CHECKED	SHEET 3 OF 6	

DRAWING NUMBER
A495.4
OAKTREE
PLAN HOLD CORPORATION • IRVINE, CALIFORNIA
REGISTERED NUMBER 00348
POSITION: DATE OF PRINT: 06/10/97

DRAWING NUMBER
A495.4
OAKTREE
PLAN HOLD CORPORATION • IRVINE, CALIFORNIA
REGISTERED NUMBER 00348
POSITION: DATE OF PRINT: 06/10/97

DRAWING NUMBER
A495.4
OAKTREE
PLAN HOLD CORPORATION • IRVINE, CALIFORNIA
REGISTERED NUMBER 00348
POSITION: DATE OF PRINT: 06/10/97

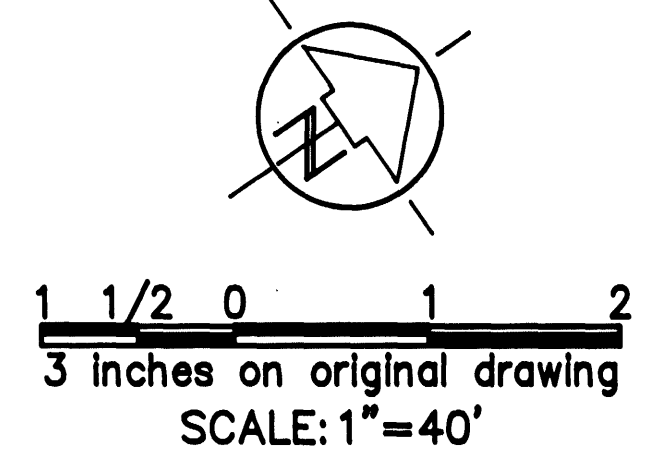
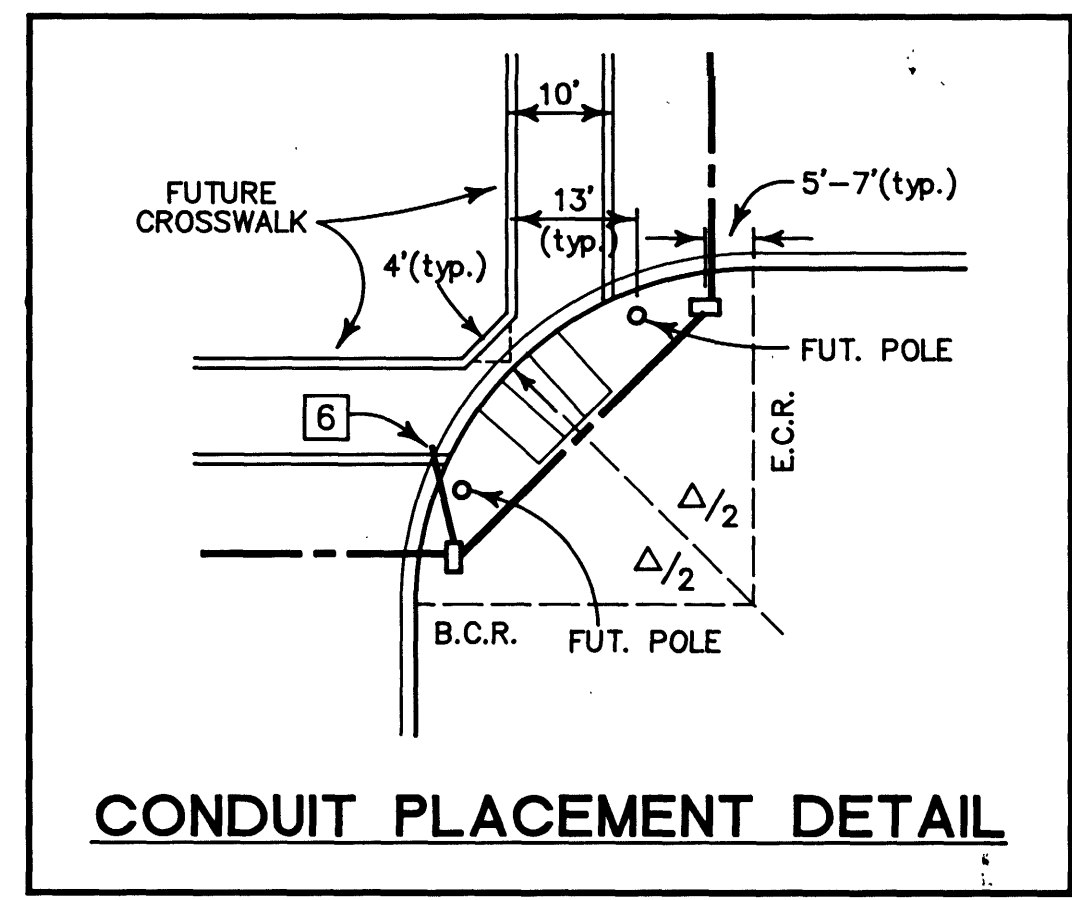
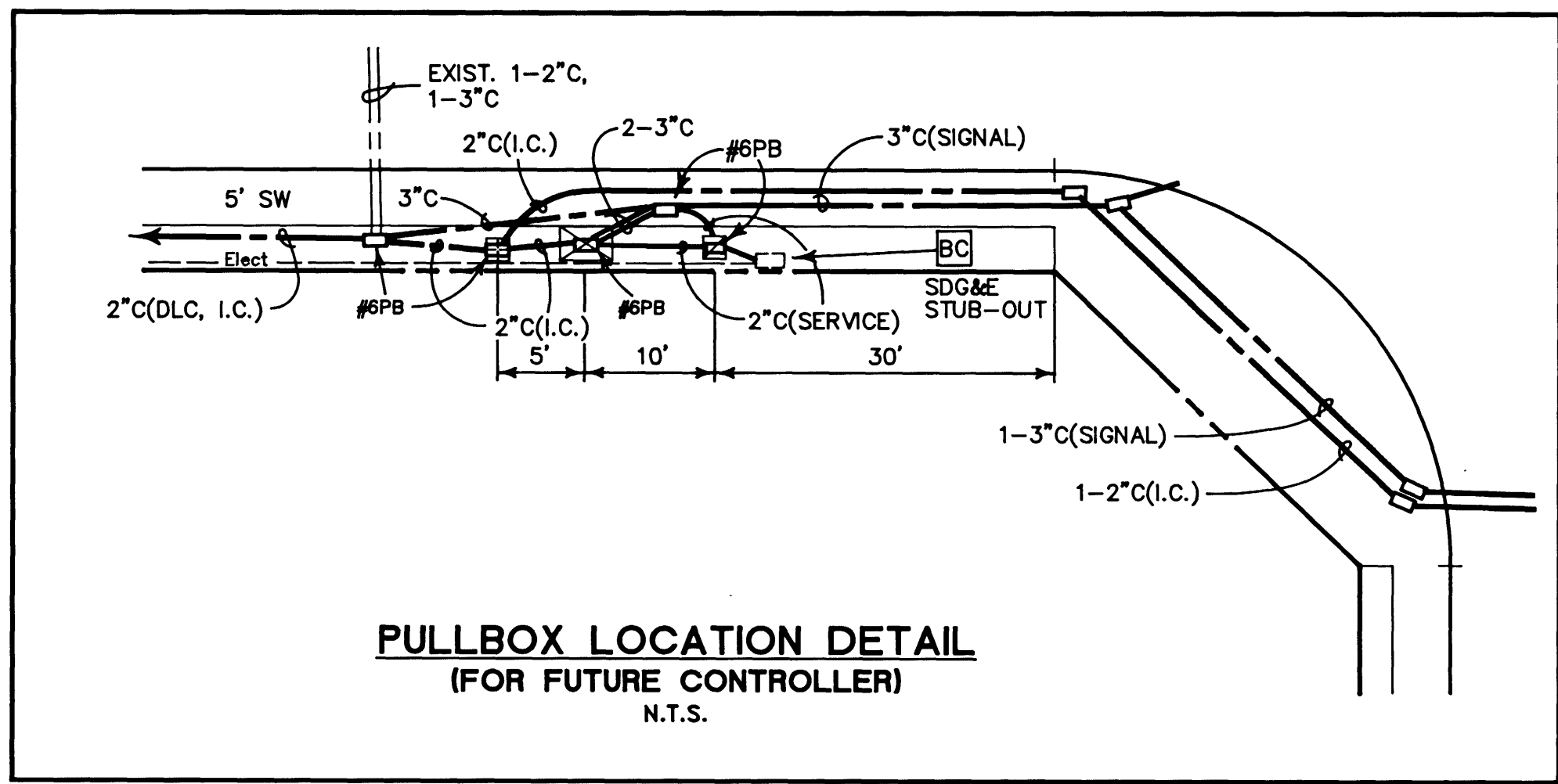
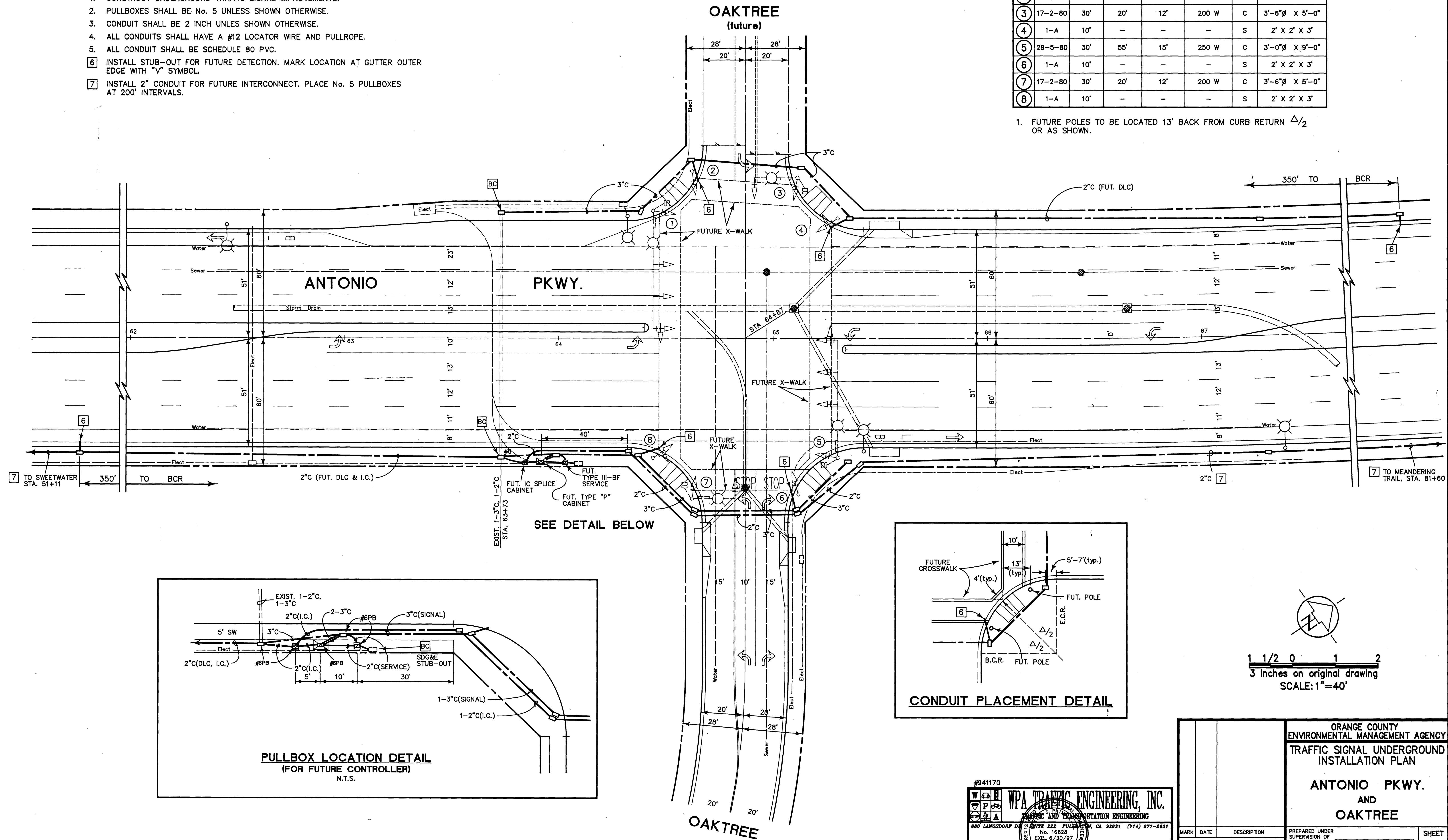
DRAWING NUMBER
A495.4
OAKTREE
PLAN HOLD CORPORATION • IRVINE, CALIFORNIA
REGISTERED NUMBER 00348
POSITION: DATE OF PRINT: 06/10/97

NOTES

1. CONSTRUCT UNDERGROUND TRAFFIC SIGNAL IMPROVEMENTS.
2. PULLBOXES SHALL BE No. 5 UNLESS SHOWN OTHERWISE.
3. CONDUIT SHALL BE 2 INCH UNLES SHOWN OTHERWISE.
4. ALL CONDUITS SHALL HAVE A #12 LOCATOR WIRE AND PULLROPE.
5. ALL CONDUIT SHALL BE SCHEDULE 80 PVC.
6. INSTALL STUB-OUT FOR FUTURE DETECTION. MARK LOCATION AT GUTTER OUTER EDGE WITH "V" SYMBOL.
7. INSTALL 2" CONDUIT FOR FUTURE INTERCONNECT. PLACE No. 5 PULLBOXES AT 200' INTERVALS.

No.	TYPE	FUTURE STANDARD			POLE		SCHEDULE	
		HEIGHT	SIG.M.A.	LUM.M.A.	LUMINAIRE	FOUNDATION	TYPE	SIZE
1	29-5-80	30'	55'	15'	250 W	C	C	3'-0"Ø X 9'-0"
2	1-A	10'	-	-	-	S	S	2' X 2' X 3'
3	17-2-80	30'	20'	12'	200 W	C	C	3'-6"Ø X 5'-0"
4	1-A	10'	-	-	-	S	S	2' X 2' X 3'
5	29-5-80	30'	55'	15'	250 W	C	C	3'-0"Ø X 9'-0"
6	1-A	10'	-	-	-	S	S	2' X 2' X 3'
7	17-2-80	30'	20'	12'	200 W	C	C	3'-6"Ø X 5'-0"
8	1-A	10'	-	-	-	S	S	2' X 2' X 3'

1. FUTURE POLES TO BE LOCATED 13' BACK FROM CURB RETURN $\Delta/2$ OR AS SHOWN.



#941170
WPA TRAFFIC ENGINEERING, INC.
TRAFFIC AND TRANSPORTATION ENGINEERING
680 LANGSDORF DR SUITE 222 FULLERTON, CA 92631 (714) 871-2951
No. 15828
EXP. 6/30/97
WESTON S. PRINCE, P.E. 16828

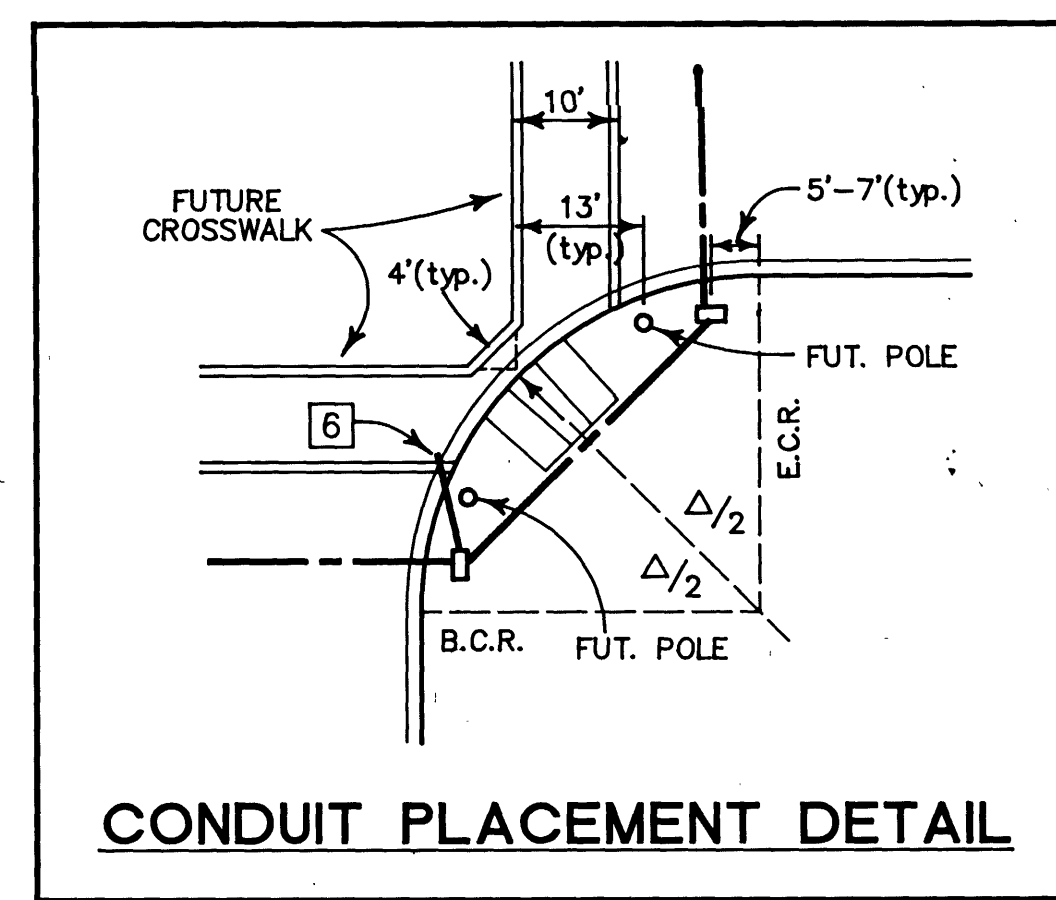
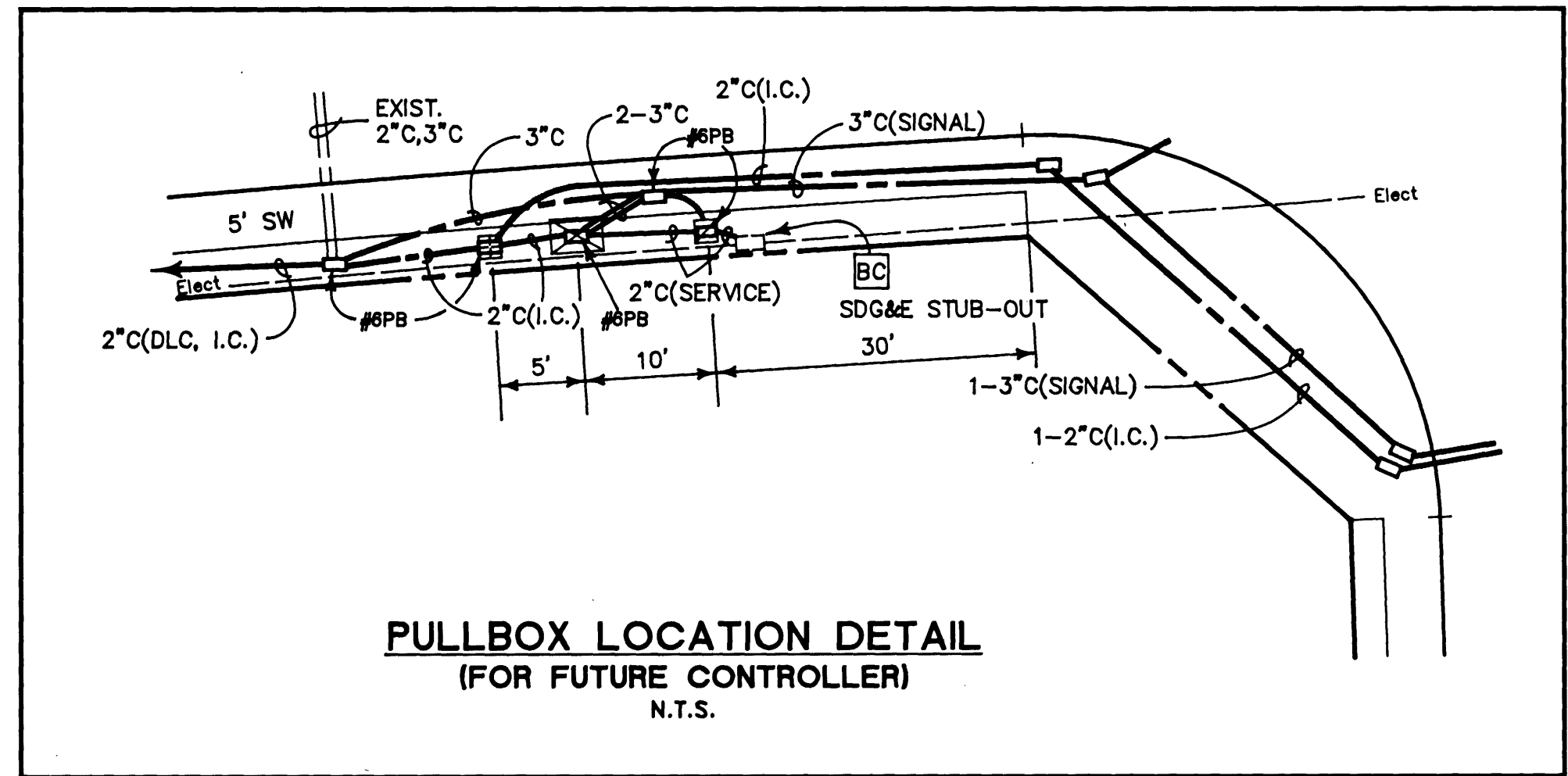
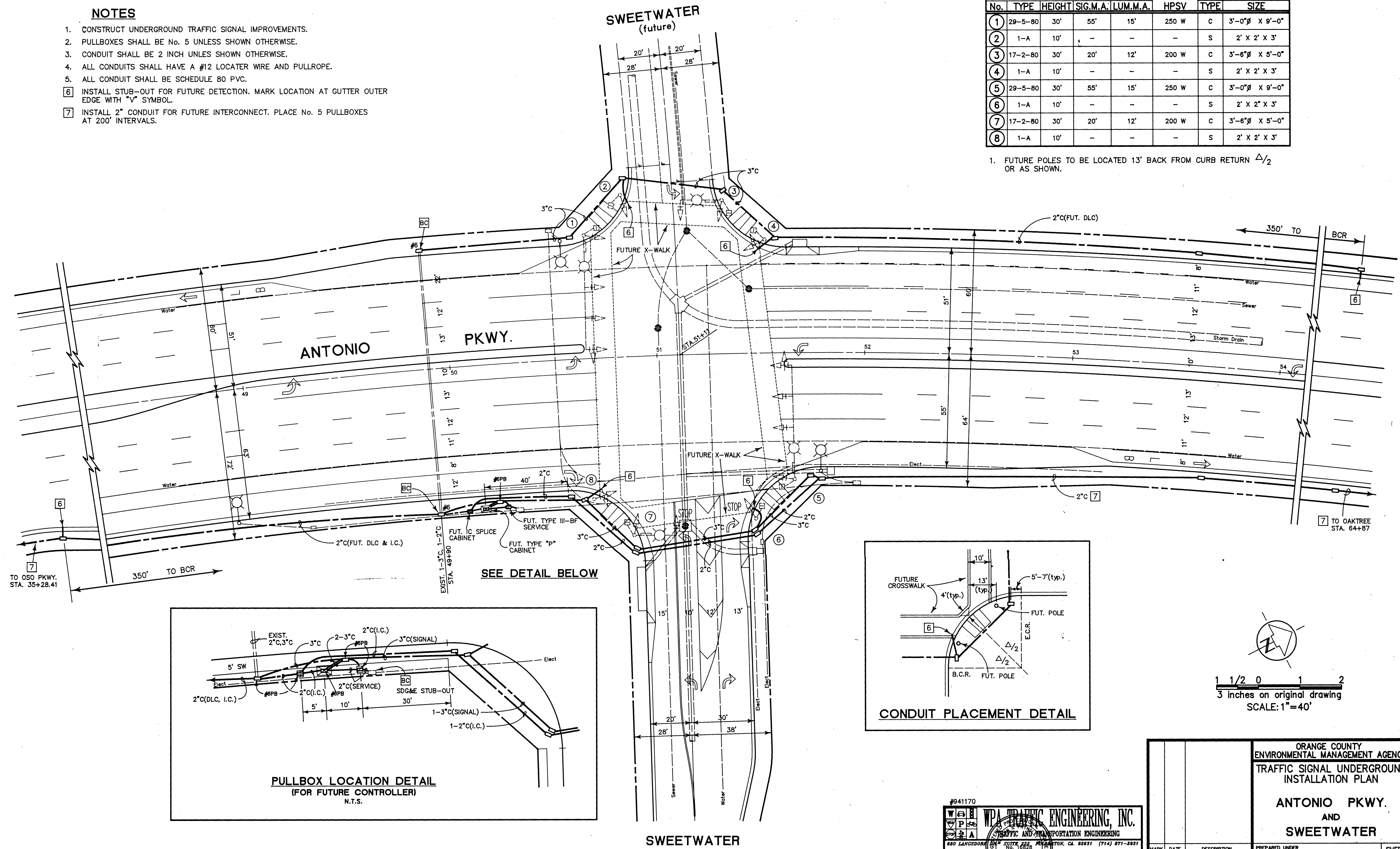
ORANGE COUNTY ENVIRONMENTAL MANAGEMENT AGENCY			
TRAFFIC SIGNAL UNDERGROUND INSTALLATION PLAN			
ANTONIO PKWY. AND OAKTREE			
MARK	DATE	DESCRIPTION	PREPARED UNDER SUPERVISION OF
DESIGNED	SOMMERS	SCALE	DATE
DRAWN	PJK	CHECKED	DWG. No.
SHEET 4 OF 6			

NOTES

1. CONSTRUCT UNDERGROUND TRAFFIC SIGNAL IMPROVEMENTS.
2. PULLBOXES SHALL BE No. 5 UNLESS SHOWN OTHERWISE.
3. CONDUIT SHALL BE 2 INCH UNLESS SHOWN OTHERWISE.
4. ALL CONDUITS SHALL HAVE A #12 LOCATER WIRE AND PULLROPE.
5. ALL CONDUIT SHALL BE SCHEDULE 80 PVC.
6. INSTALL STUB-OUT FOR FUTURE DETECTION. MARK LOCATION AT GUTTER OUTER EDGE WITH "V" SYMBOL.
7. INSTALL 2" CONDUIT FOR FUTURE INTERCONNECT. PLACE No. 5 PULLBOXES AT 200' INTERVALS.

No.	TYPE	FUTURE		POLE		SCHEDULE	
		HEIGHT	SIG.M.A.	LUM.M.A.	HPSV	FOUNDATION	SIZE
1	29-5-80	30'	55'	15'	250 W	C	3'-0" X 9'-0"
2	1-A	10'	-	-	-	S	2' X 2' X 3'
3	17-2-80	30'	20'	12'	200 W	C	3'-6" X 5'-0"
4	1-A	10'	-	-	-	S	2' X 2' X 3'
5	29-5-80	30'	55'	15'	250 W	C	3'-0" X 9'-0"
6	1-A	10'	-	-	-	S	2' X 2' X 3'
7	17-2-80	30'	20'	12'	200 W	C	3'-6" X 5'-0"
8	1-A	10'	-	-	-	S	2' X 2' X 3'

1. FUTURE POLES TO BE LOCATED 13' BACK FROM CURB RETURN $\Delta/2$ OR AS SHOWN.

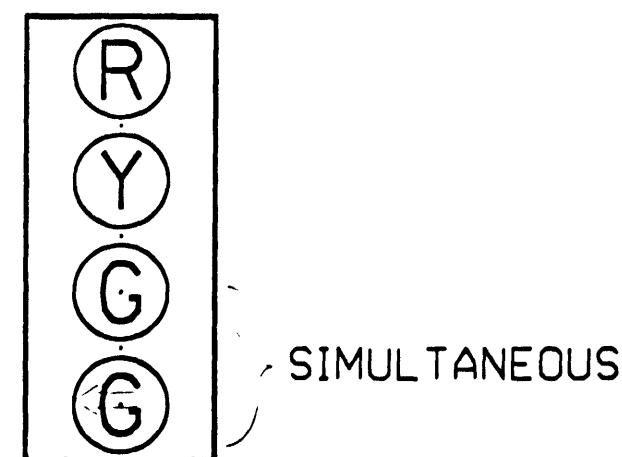


1 1/2 0 1 2
3 inches on original drawing
SCALE: 1"=40'

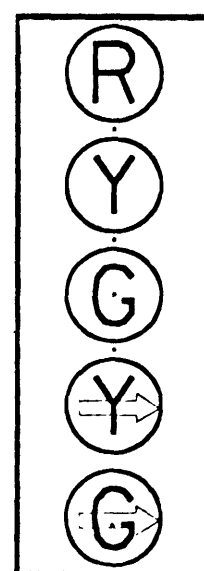
#941170
WPA TRAFFIC ENGINEERING, INC.
TRAFFIC AND TRANSPORTATION ENGINEERING
880 LANGSDORF AVE SUITE 200 BOSTON, MA 02111 (714) 871-2931
EXP. 6/30/97
WESTON S. PRINCE JR. C.E. 10828

ORANGE COUNTY ENVIRONMENTAL MANAGEMENT AGENCY	
TRAFFIC SIGNAL UNDERGROUND INSTALLATION PLAN	
ANTONIO PKWY. AND SWEETWATER	
MARK	DATE
DESIGNED	SOMMERS
DRAWN	PJK
CHECKED	
PREPARED UNDER SUPERVISION OF	DATE
SCALE	DATE
DWG. No.	
SHEET	5 OF 6

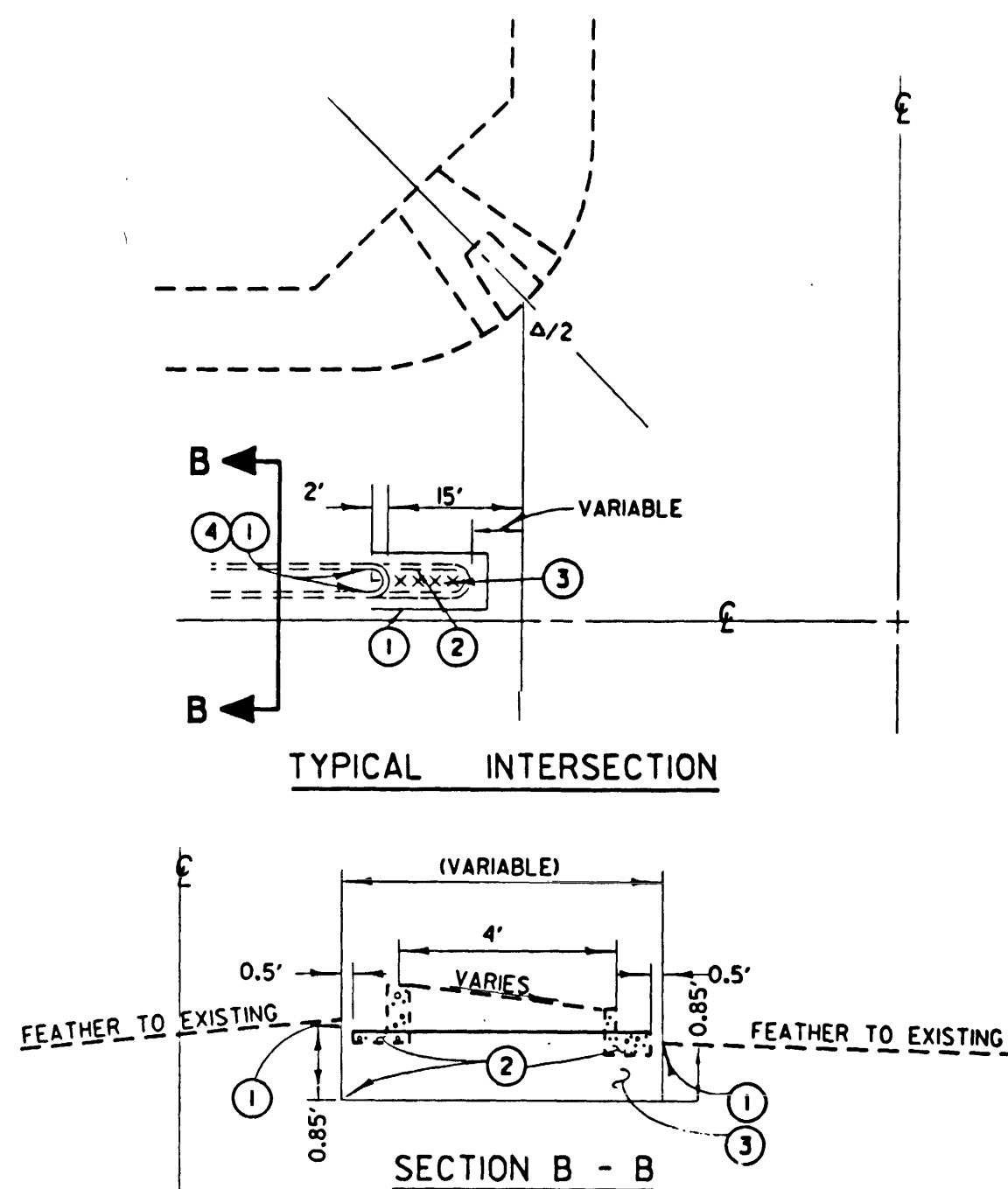
DETAIL A
4-SECTION SIGNAL HEAD
12" LENSES



DETAIL E
5-SECTION SIGNAL HEAD
12" LENSES

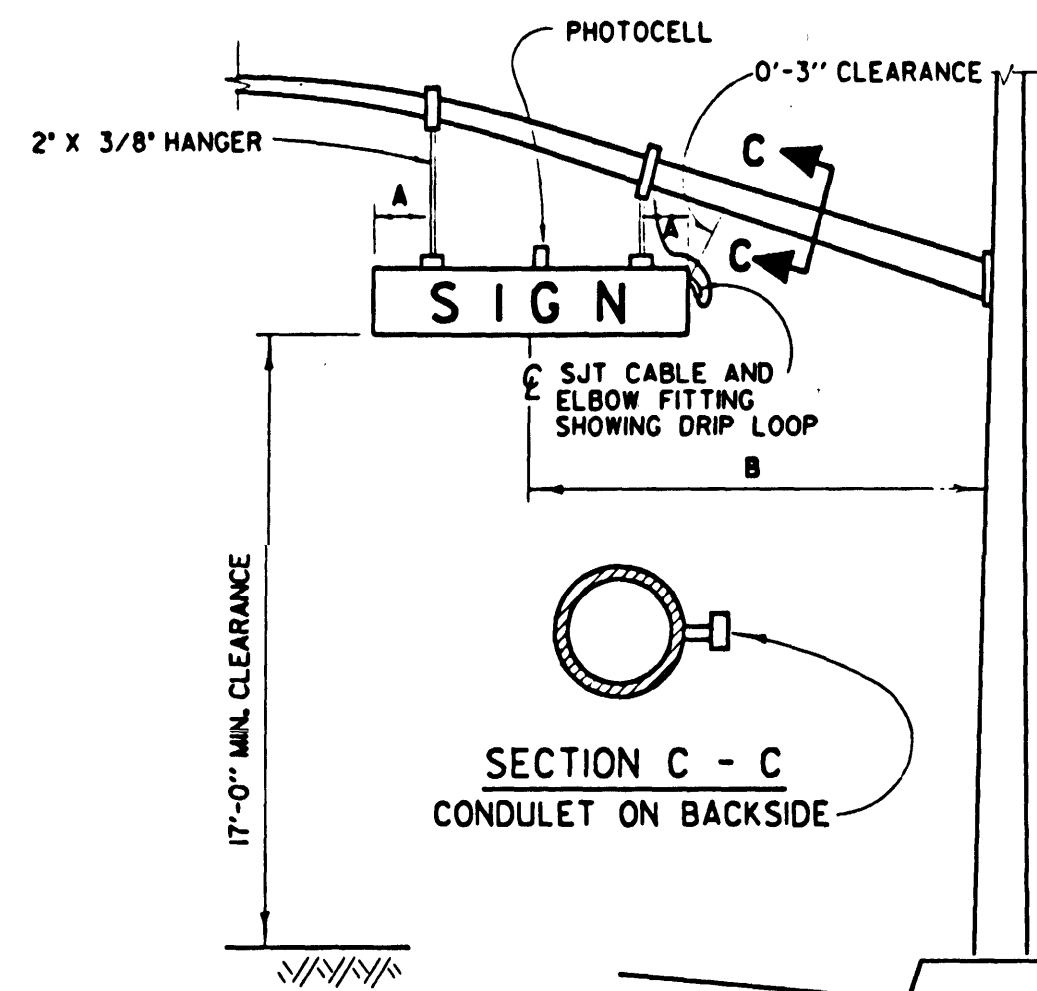


DETAIL B
INTERSECTIONS RAISED MEDIAN



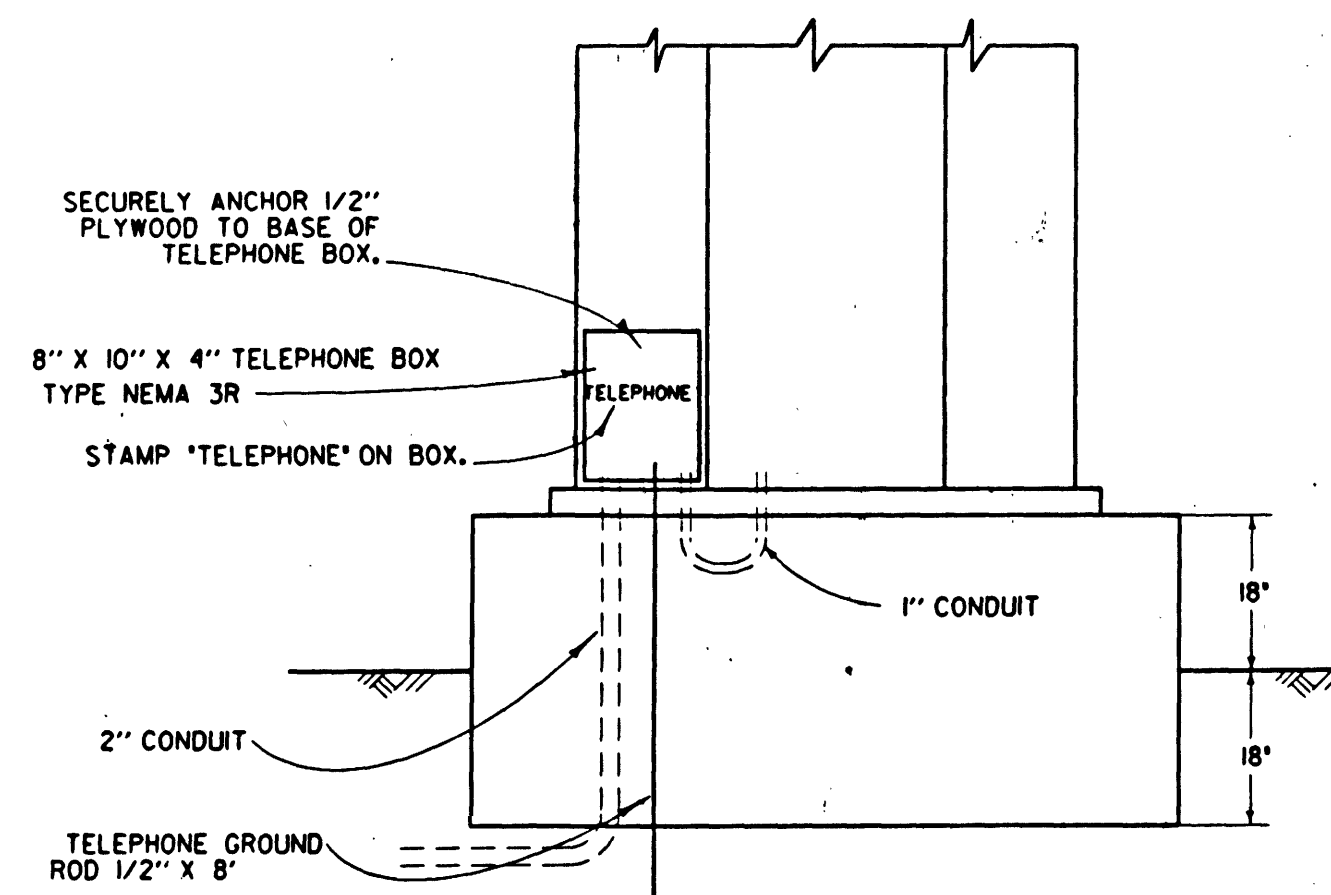
- NOTES - DETAILS B
1. SAWCUT AND JOIN EXISTING
 2. REMOVE CONCRETE
 3. CONSTRUCT 0.85' AC OVER NATIVE SOIL
 4. CONSTRUCT TYPE CI-8 CONCRETE CURB PER EMA STD. PLAN 104-0-0.C.

DETAIL C
STREET NAME SIGN COMPONENTS



- NOTES - DETAIL C
- A 1'-6" MINIMUM
 - B 10'-6" CENTERLINE OF SIGN TO FACE OF POLE

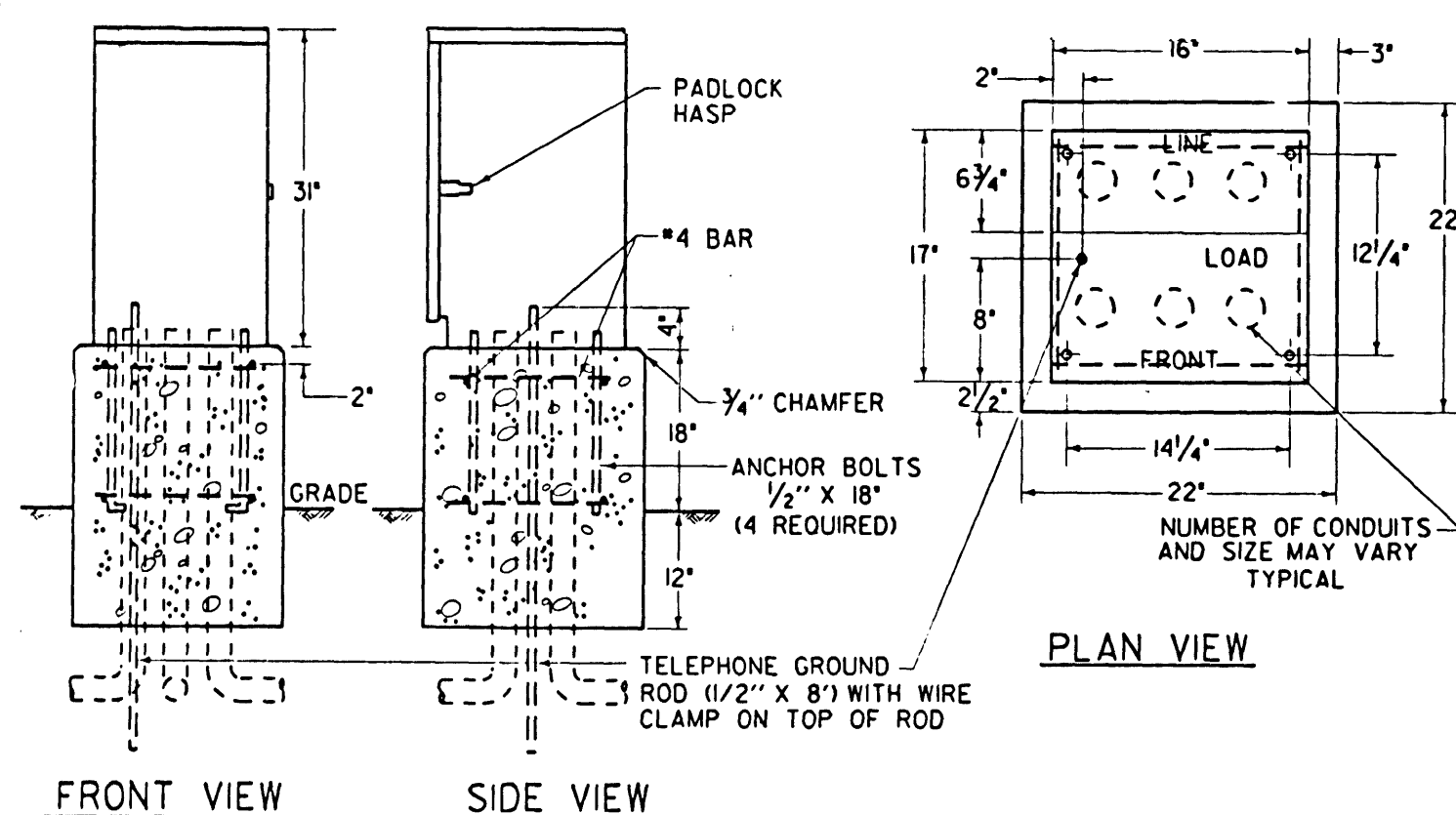
DETAIL D
TELEPHONE SERVICE BOX



GENERAL NOTES: Δ

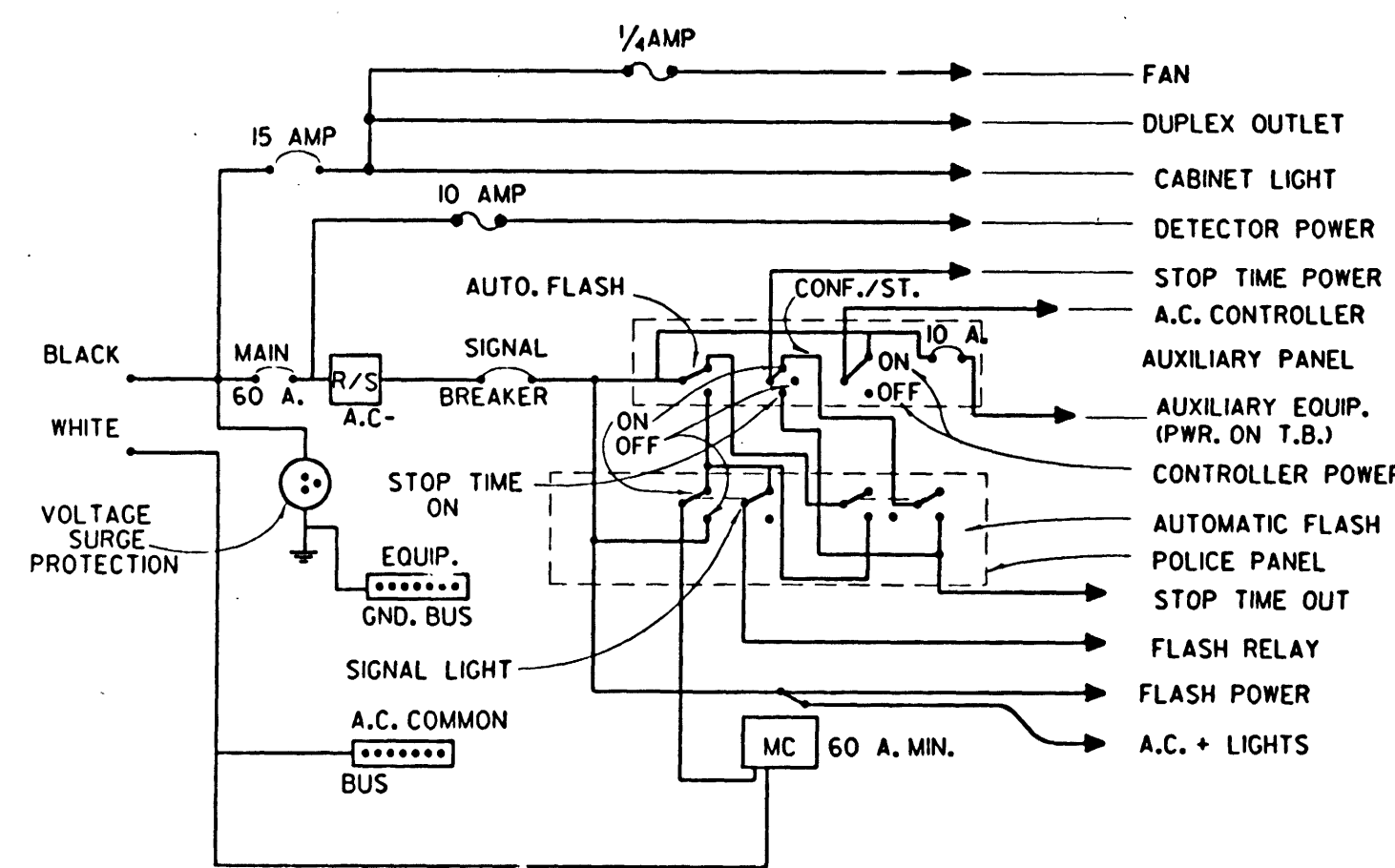
1. ALL WORK, MATERIALS AND EQUIPMENT SHALL CONFORM TO THE REQUIREMENTS OF THE CALIFORNIA, DEPT. OF TRANSPORTATION, STANDARD PLANS AND STANDARD SPECIFICATIONS DATED, JULY 1992 AND THE SPECIAL PROVISIONS FOR THIS PROJECT.
2. UTILITIES SHOWN ON THESE PLANS ARE CORRECT AND ACCURATE TO THE EXTENT OF AVAILABLE RECORDS AND KNOWLEDGE. THE CONTRACTOR, HOWEVER, IS REQUIRED TO ASCERTAIN THE EXACT LOCATION OF UNDERGROUND FACILITIES PRIOR TO DOING WORK THAT MAY DAMAGE SUCH FACILITIES OR INTERFERE WITH THEIR SERVICE.
3. 48 HOURS PRIOR TO BEGINNING OF CONSTRUCTION, THE CONTRACTOR SHALL CONTACT ORANGE COUNTY E.M.A. FOR INSPECTION AT 567-7800.
4. THE ENGINEER SHALL APPROVE POLE AND LOOP DETECTION PLACEMENT IN THE FIELD PRIOR TO INSTALLATION.
5. ALL CONDUIT SHALL BE 2" UNLESS OTHERWISE NOTED.
6. ALL PULL BOXES SHALL BE #5 UNLESS OTHERWISE NOTED.
7. ALL SALVAGED EQUIPMENT SHALL BE DELIVERED BY CONTRACTOR TO ORANGE COUNTY YARD AT 152 EAST FRUIT ST, SANTA ANA, CA. CONTRACTOR SHALL GIVE A 48-HOUR NOTICE TO THE COUNTY PRIOR TO THE DELIVERY DATE.
8. CONTRACTOR SHALL PROVIDE ALL NECESSARY TELEPHONE AND ELECTRICAL SERVICE LINES AND INTERCONNECT HOOK-UPS BETWEEN THE LOCAL CONTROLLER AND THE SYSTEM MASTER.
9. PEDESTRIAN INDICATION SHALL BE INTERNATIONAL SYMBOL.
10. PEDESTRIAN PUSH BUTTON SHALL BE TYPE B WITH INTERNATIONAL SYMBOL PLATE.
11. ALL VEHICLE INDICATIONS SHALL BE 12" DIAMETER WITH BACKPLATES, GLASS REFLECTORS, AND GLASS LENSES, UNLESS SHOWN OTHERWISE.
12. CONTRACTOR SHALL POTHOLE CONFLICTING UTILITIES AS DIRECTED BY ENGINEER.
13. CONTRACTOR SHALL AVOID DAMAGING EXISTING UTILITIES. (SEE SPECIAL PROVISIONS).
14. INDUCTIVE LOOPS SHALL BE 6' X 6' WITH 9' SPACING IN THE DIRECTION OF TRAVEL UNLESS OTHERWISE NOTED.
15. ALL DETECTOR CABLE HOMERUNS SHALL BE IN THE CROSSWALK AREA.
16. ALL 6'x6' DETECTOR LOOPS SHALL BE FOUR(4) TURNS.
17. ALL QUADRUPOLE DETECTOR LOOPS SHALL BE TWO (2-4-2) TURNS.
18. TRAFFIC CONTROLLER CABINET FOUNDATION SHALL BE 18" ABOVE AND BELOW FINISHED GRADE.

DETAIL F ΔΔΔ
INTERCONNECT SPLICE CABINET

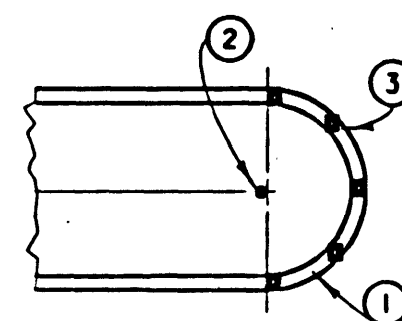


- NOTES - DETAIL F
1. FOUNDATION TO BE 22" X 22". ANCHOR BOLT PLACEMENT PER CABINET MFG. TEMPLATE.
 2. ENCLOSURE SHALL BE FURNISHED WITH A DETACHABLE MOUNTING BASE.
 3. ALL FACTORY INSTALLED COMPONENTS SHALL BE U.L. LISTED OR PER PUBLISHED N.E.C. STANDARDS.
 4. A 3/4" CONSTRUCTION GRADE PLYWOOD PANEL SHALL BE FASTENED TO THE REAR WALL. PANEL SHALL BE 12" X 24" AND SHALL HAVE A NO. M1-25 AND R-841 STANDOFF FASTENED IN THE CENTER OF THE PANEL.
 5. ENCLOSURE FINISH SHALL CONFORM TO A.S.T.M. B-117. COLOR SHALL BE PORCELAIN WHITE.
 6. PROVIDE 1 1/2" CONDUIT FOR FUTURE #5 VAC SERVICE.
 7. PROVIDE GROUND BUS INSIDE SPLICE CABINET.

DETAIL G Δ
CONTROLLER CABINET WIRING



DETAIL H
RAISED MEDIAN MARKING



- NOTES - DETAIL H
1. PAINT MEDIAN NOSE WITH HIGHLY REFLECTIVE PREMIXED WHITE TRAFFIC PAINT WITH GLASS BEADS.
 2. INSTALL FLEXIBLE VERTICAL TYPE K MARKER, R7, RIO OR TYPE N-10N TELESAR POST AS INDICATED ON PLAN.
 3. INSTALL YELLOW REFLECTIVE PAVEMENT MARKERS ON TOP SURFACE OF MEDIAN CURB NOSE AT 2' C.C. SPACING (MINIMUM 5 MARKERS). PLACE REFLECTIVE SURFACE OF MARKERS PARALLEL TO C OF ROADWAY.

1 1/2 0 1 3/4 3 inches on original drawing			ORANGE COUNTY ENVIRONMENTAL MANAGEMENT AGENCY		
△	3-29-88	ADDED NOTE 16.	SIGNAL DETAIL SHEET		
△	4-4-88	DELETED TYPE 11 SERVICE.			
△	12-8-88	ADDED INTERCONNECT SPLICE CABINET.			
△	11-18-91	MODIFIED INTERCONNECT SPLICE CABINET.			
△	6-7-93	MODIFIED INTERCONNECT SPLICE CABINET.			
REVISIONS			PREPARED UNDER SUPERVISION OF _____ DATE _____		
DESIGNED _____			SCALE _____	DATE _____	W. O. NO. _____
DRAWN _____			AS SHOWN		
CHECKED _____					
			SHEET 6 OF 6		