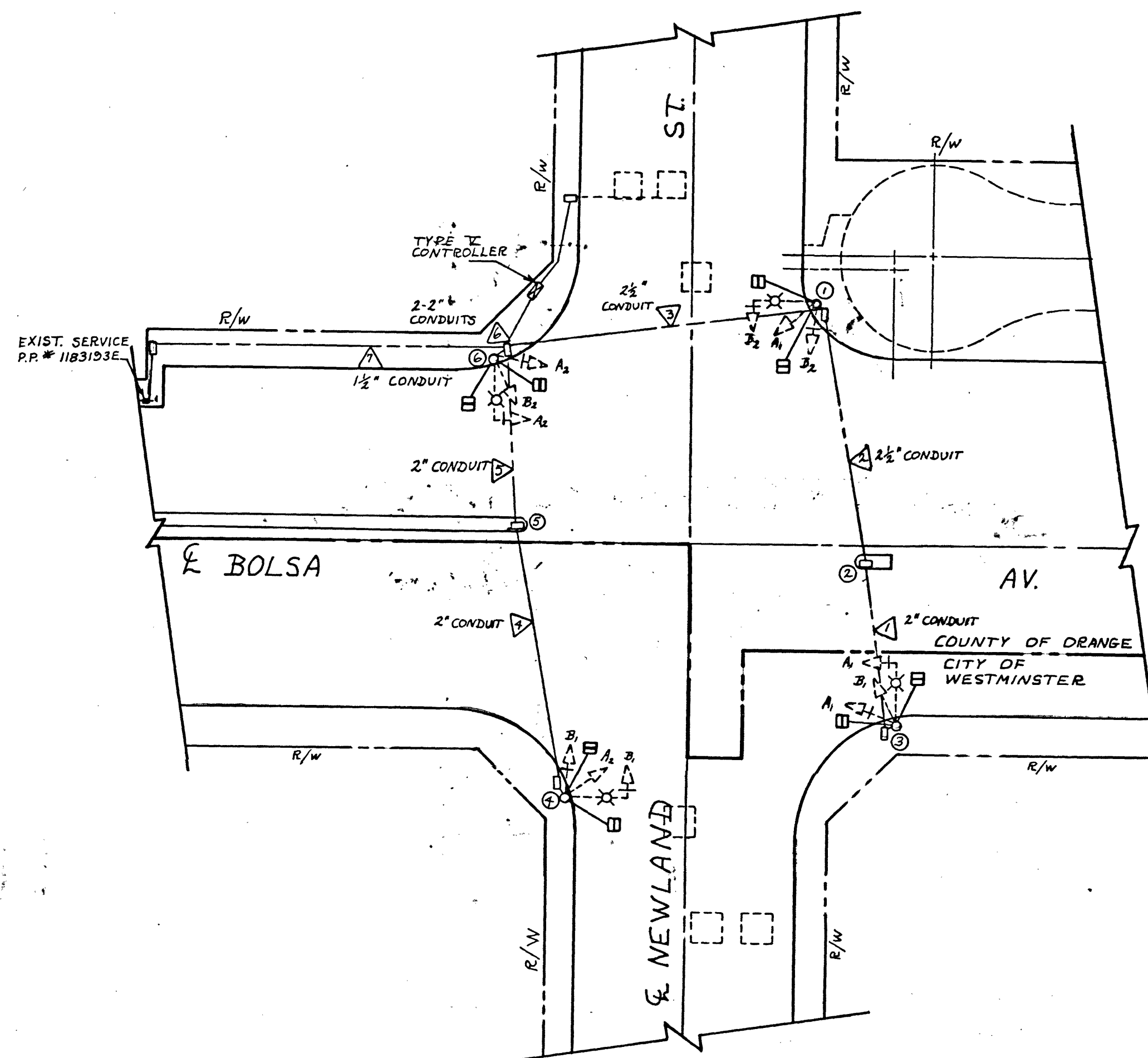


GENERAL & CONSTRUCTION NOTES

- ALL ELECTRICAL WORK SHALL CONFORM TO STATE OF CALIFORNIA STANDARD SPECIFICATIONS AND STANDARD PLANS DATED JANUARY 1975, AND THE SPECIAL PROVISIONS.
- CONDUCTOR AND POLE SCHEDULES ARE FURNISHED AS INSTALLATION GUIDELINES ONLY.
- IT IS THE CONTRACTORS' RESPONSIBILITY TO PROVIDE THE CORRECT EQUIPMENT REQUIRED FOR THE INTENDED OPERATION.
- PEDESTRIAN SIGNAL HEADS ARE TO BE INSTALLED UNDER THIS CONTRACT. (SEE SPECIAL PROVISIONS) ALL OTHER SIGNAL EQUIPMENT SHOWN ON THIS PLAN IS EXISTING AND SHALL BE REUSED.
- EXISTING STREET NAME SIGNS SHALL BE RELOCATED BY COUNTY FORCES AS NEEDED.



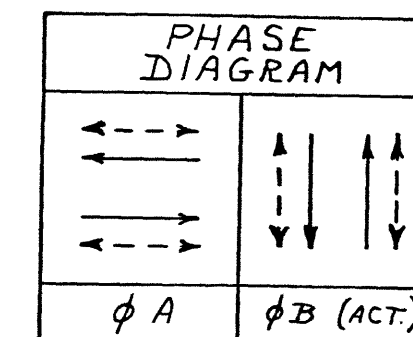
SCALE: 1" = APPROX. 30'

CONDUCTOR SCHEDULE *							
AWG	CIRCUIT	1	2	3	4	5	6
#14	Φ A ₁	3	3	3	3	3	3
	Φ A ₂				3	3	3
	Φ B ₁	3	3	3	3	3	3
	Φ B ₂				3	3	3
	FUTURE: Φ C ₁		3	3	3	3	3
	Φ C ₂		3	3	3	3	3
	Φ A PED.	2	2	2	2	2	2
	Φ B PED. & P.P.B.	3	3	3	3	3	3
	SPARES	3	3	3	3	3	3
	TOTAL	14	20	23	14	20	26
#12	Φ B ₁ DET.						
	FUTURE: Φ B ₂ DET.	2	2	2			2
	Φ C ₁ DET.				2	2	
	Φ C ₂ DET.		2	2			2
	DET. & P.P.B. COMMON	1	1	1	1	1	1
	SPARES	2	2	2	2	2	2
	TOTAL	5	7	7	3	5	9
#10	LUMINAIRE	2	2	2	2	2	2
	SIGNAL COMMON	1	1	1	1	1	1
	TOTAL	3	3	3	3	3	3
#8	SERVICE						

* ALL CONDUCTORS EXISTING

POLE SCHEDULE					
POLE TYPE	SIGNAL MOUNTING	VEHICLE	PED.	PED. PUSH BUTTON	
① III	MAS	SV-2T	SP-2T	Φ B (EXIST)	
② I	FUT. SV-2T				
③ III	MAS	SV-2T	SP-2T	Φ B (EXIST)	
④ III	MAS	SV-2T	SP-2T	Φ B (EXIST)	
⑤ I	FUT. SV-2T				
⑥ III	MAS	SV-2T	SP-2T	Φ B (EXIST)	

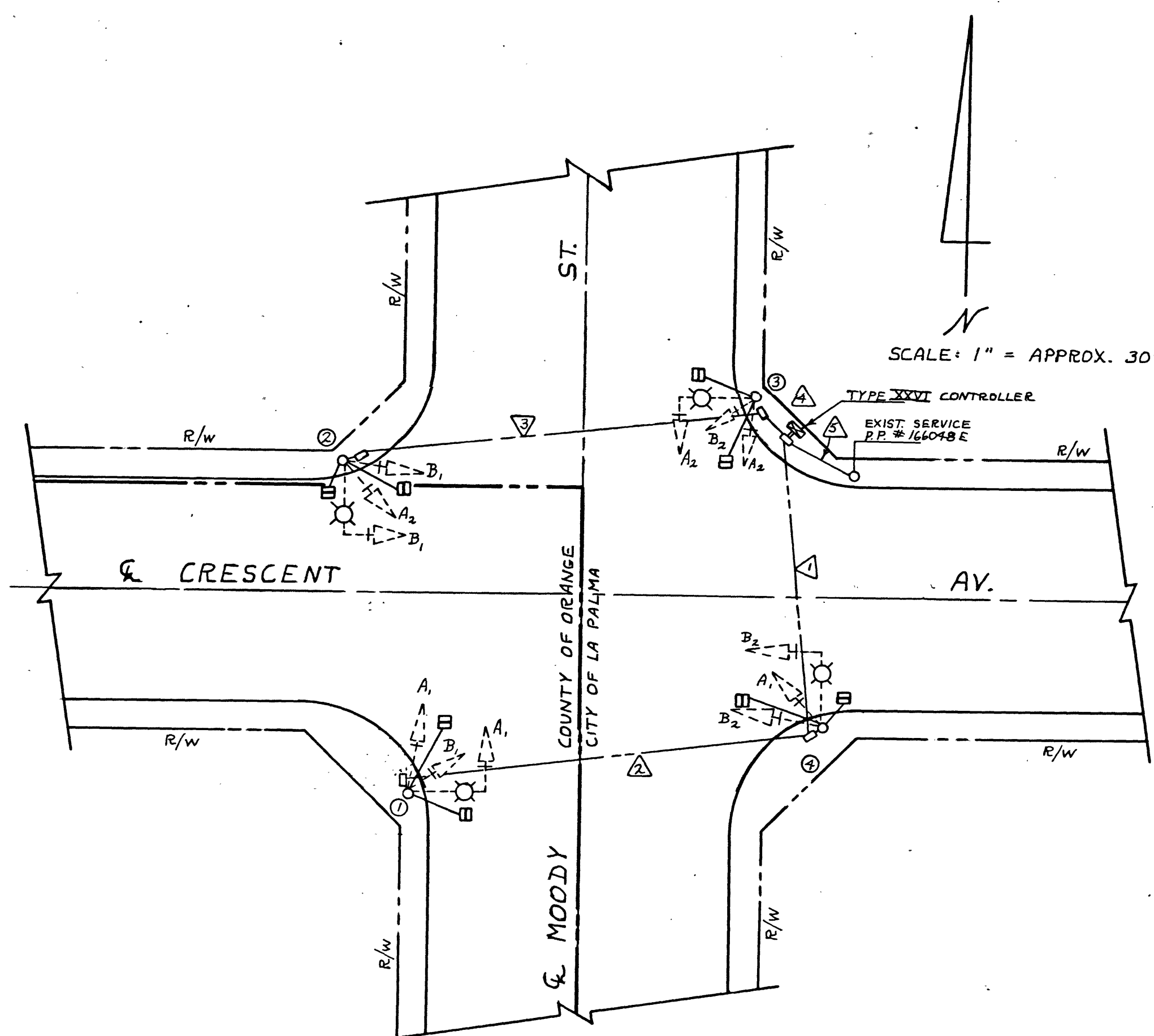
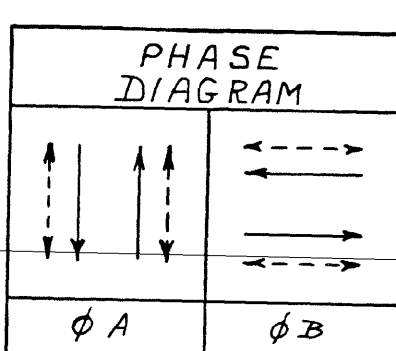
* CONCRETE POLES



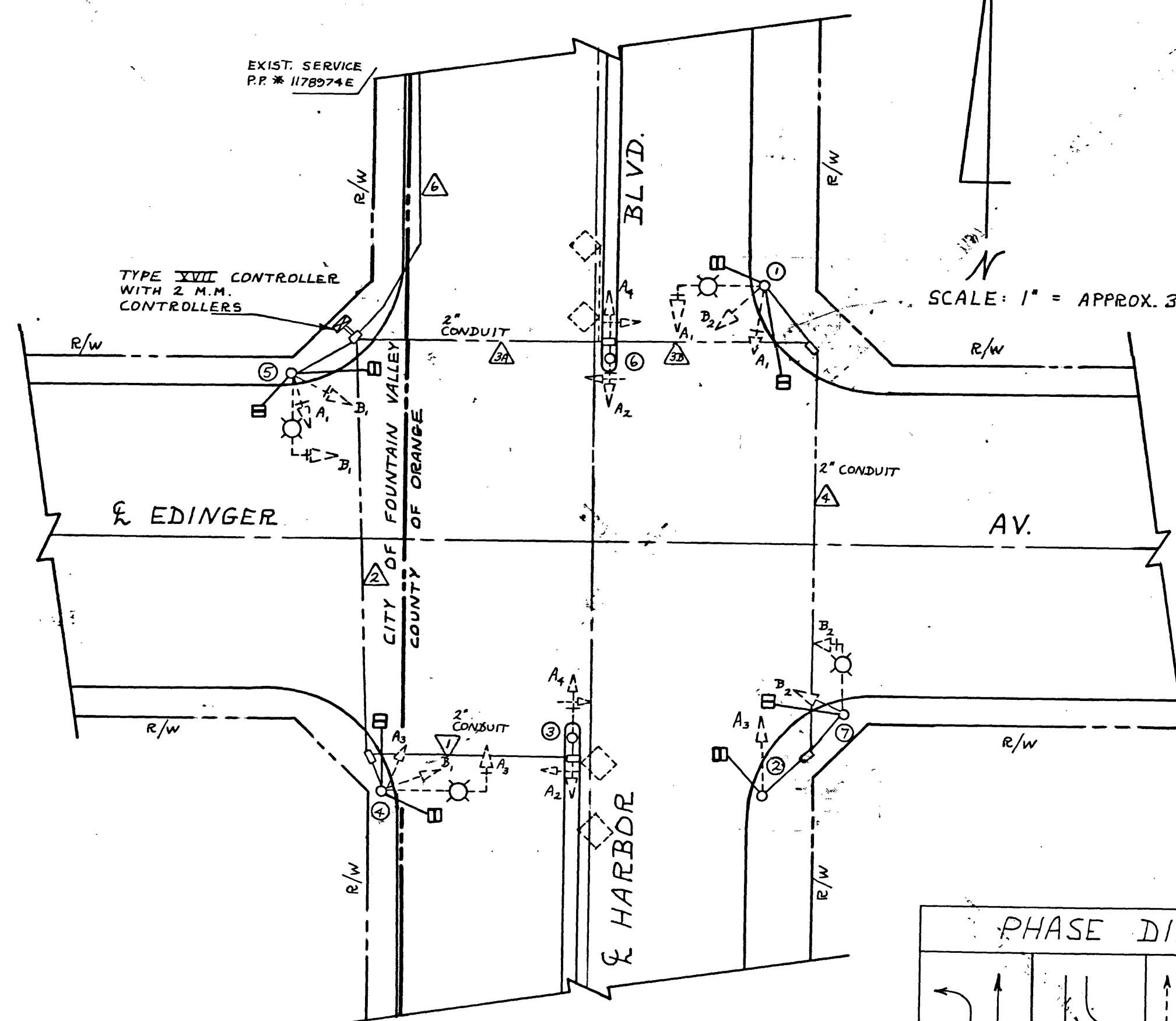
CONDUCTOR SCHEDULE *							
AWG	DESCRIPTION	1	2	3	4	5	6
#14	Φ A ₁	3	3	3	3	3	3
	Φ A ₂			3	3	3	3
	Φ B ₁	3	3	3	3	3	3
	Φ B ₂			3	3	3	3
	FUT. PED. Φ A	2	2	2	2	2	2
	FUT. PED. Φ B	2	2	2	2	2	2
	SPARES	3	3	3	3	3	3
	TOTAL	16	13	13	16	16	16
#10	LUMINAIRE	2	2	2	2	2	2
	COMMON	1	1	1	1	1	1
	TOTAL	3	3	3	3	3	3
#8	SERVICE						

* ALL CONDUCTORS EXISTING

POLE SCHEDULE					
POLE TYPE	SIGNAL MOUNTING	VEHICLE	PED.	PED. PUSH BUTTON	
① III	MAS	SV-2T	SP-2T		
② III	MAS	SV-2T	SP-2T		
③ III	MAS	SV-2T	SP-2T		
④ III	MAS	SV-2T	SP-2T		



SCALE: 1" = APPROX. 30'

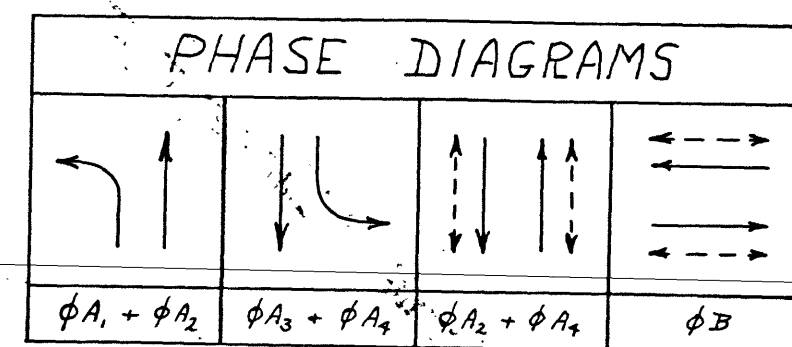


SCALE: 1" = APPROX. 30'

CONDUCTOR SCHEDULE *							
AWG	EXIST. CIRCUITS	1	2	3	4	5	6
#14	Φ A ₁	3	3	3	3	3	3
	Φ A ₂			3	3	3	3
	Φ B ₁	3	3	3	3	3	3
	Φ B ₂			3	3	3	3
	Φ A PED. (N)	2	2	2	2	2	2
	Φ B PED. (N)	2	2	2	2	2	2
	SPARES	3	3	3	3	3	3
	TOTAL	13	13	25	25	25	25
#10	SIGNAL COMMON	1	1	1	1	1	1
	LUMINAIRE	2	2	2	2	2	2
	TOTAL	1	3	3	3	3	3
#12	LOOPS	2	2	2	2	2	2
#8	SERVICE						

* NOT SHOWN ON PLAN - ABANDONED IN PLACE
* ALL CONDUCTORS EXISTING EXCEPT AS SHOWN (N)

POLE SCHEDULE					
POLE TYPE	SIGNAL MOUNTING	VEHICLE	PED.	PED. PUSH BUTTON	
① III	MAS	SV-2T	SP-2T		
② I		TV-1	SP-1		
③ MOD. 2 (N)		TV-1T	SV-1		
④ III	MAS	SV-2T	SP-2T		
⑤ III	MAS	SV-2T	SP-2T		
⑥ MOD. 2 (N)		TV-1T	SV-1		
⑦ III	MAS	SV-1T	SP-1		



#12423
NEWLAND ST. & BOLSA AV.
CRESCENT AV. & MOODY ST.
HARBOR BL. & EDINGER AV.
RED. 24:1
LINEN
SHEET 2 of 2

ORANGE COUNTY ROAD DEPARTMENT

NEWLAND ST. / BOLSA AV.
CRESCENT AV. / MOODY ST.
HARBOR BLVD. / EDINGER AV.

PEDESTRIAN SIGNAL HEADS

SCALE AS SHOWN SHEET 2 of 2

DR. #13 (12423)