

POLE SCHEDULE									
POLE DATA		SIGNAL	W.P.S.Y. LUMINAIRE	SIGNAL MOUNTING	PED PUSH BUTTON	FOUNDATION	ISNS TYPE "A"		
NO.	TYPE	HEIGHT	M.A.	WATTS	VEH.	M.A.	PED.	PHASE	POLE DIA/D TYPE
1	1A	10'				SP-1-CS			2'-0" X 3'-0"
2	26-4-70	30'	45'	15'	200	SW-2-10	2HMS		3'-0" X 8'-0"
3	17-3-70	30'	20'	15'	200	MAS	SP-1-CS	4	E
4	19-3-70	30'	25'	15'	200	SW-1-T	MAS	4	W
5	1A	10'				SP-1-CS		2	N
6	15	30'				TV-1-T		2	N

EXACT POLE LOCATIONS DETERMINED BY ENGINEER IN THE FIELD.
POTHOLE MAST ARM POLE FOUNDATION LOCATIONS
PRIOR TO ORDERING POLES.

O = MOUNT @ 17' HIGH OR AS DETERMINED BY ENGINEER.
C = C.I.D.H.
□ = SINGLE FACE.
S = SQUARE

LEGEND

(RS) REMOVE AND SALVAGE

VILLA

R/W (C.L. FENCED)

PARK

R/W (C.L. FENCED)

ROAD

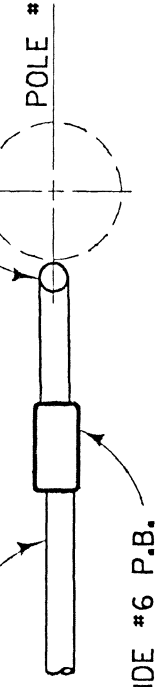
30" X 36" BLACK ON WHITE
DETAIL L

N.T.S.

CONSTRUCTION NOTES:

- CONSTRUCT P.C. CONCRETE TYPE "P" CONTROLLER CABINET FOUNDATION.
- FURNISH & INSTALL TRAFFIC CONTROLLER IN TYPE "P" ALUMINUM CABINET, PER THIS PLAN AND THE SPECIAL PROVISIONS.
- FURNISH & INSTALL TYPE III SERVICE & FOUNDATION.
- FURNISH & INSTALL 2" CONDUIT, NO. 6 PULL BOXES, AND PULL ROPE TO PROBABLE ELECTRICAL SERVICE POINT PER DETAIL "K" OF THIS SHEET.
- FURNISH & INSTALL CANTILEVER FLASHING BEACON TYPE 9 WITH FLUORESCENT LIGHTING, W41 AND W41A SIGNS PER CALTRANS STANDARD PLAN ES-9A & ES-9B, WIRE FOR 24 HR. OPERATION.
- FURNISH & INSTALL 2" CONDUIT AND TERMINATE INTO NO. 5 PULL BOX FOR FUTURE TELEPHONE SERVICE CONNECTION PER DETAIL "D" ON SHEET 27.
- FURNISH & INSTALL SIGN AND POST AS SHOWN PER PLAN.
- FURNISH & INSTALL PEDESTRIAN BARRICADE WITH R96 & R96A PER CALTRANS STD. PLAN ES-6A.
- FURNISH & INSTALL SIGN AS SHOWN PER PLAN ON MASTARM.
- FURNISH & INSTALL E.V.P. CABLE FROM END OF MASTARM TO CONTROLLER CABINET, TERMINATE E.V.P. CABLE INTO SPECIAL FUNCTION ON LEFT CABINET WALL.
- FURNISH & INSTALL 2" CONDUIT, PULL BOXES, AND CONDUCTORS AS INDICATED.
- FURNISH & INSTALL TYPE "A" R.P.M.'S AT 5' O.C.
- FURNISH & INSTALL TYPE B ELECTRICAL SERVICE ON FLASHING BEACON POLE. INSTALL 2" CONDUIT, NO. 6 PULL BOX WITH PULL ROPE TO PROBABLE SERVICE LOCATION AT POWER POLE LOCATED IN SIDEWALK NEAR FIRE STATION.

2" CONDUIT (BY CONTRACTOR)
OF 80'. PROVIDED BY UTILITY COMPANY



CONTRACTOR TO PROVIDE #6 P.B. (HAND HOLE) WITH PULL ROPE (15' MAX. FROM POLE)

DETAIL K

(POWER SUPPLY)
N.T.S.

CONDUCTOR		SCHEDULE		CONDUCTOR		SCHEDULE	
AWG	CIRCUIT	AWG	CIRCUIT	AWG	CIRCUIT	AWG	CIRCUIT
# 14	Ø1	# 20	EVP	# 10	TOTAL	DLC	Ø1
	Ø2		Ø3		Ø4		Ø2
	Ø3		Ø4		Ø5		Ø3
	Ø4		Ø5		Ø6		Ø4
	Ø5		Ø6		Ø7		Ø5
	Ø6	DLC	Ø7	TOTAL	Ø8		Ø6
	Ø7		Ø8		Ø9		Ø7
	Ø8		Ø9		Ø10		Ø8
	Ø9		Ø10		Ø11		Ø9
	Ø10		Ø11		Ø12		Ø10
TOTAL		TOTAL		TOTAL		TOTAL	
PPB COMMON		PPB COMMON		PPB COMMON		PPB COMMON	
ISNS		ISNS		ISNS		ISNS	
SPARES		SPARES		SPARES		SPARES	
TOTAL		TOTAL		TOTAL		TOTAL	

CONDUCTOR		SCHEDULE		CONDUCTOR		SCHEDULE	
AWG	CIRCUIT	AWG	CIRCUIT	AWG	CIRCUIT	AWG	CIRCUIT
# 14	Ø1	# 20	EVP	# 10	TOTAL	DLC	Ø1
	Ø2		Ø3		Ø4		Ø2
	Ø3		Ø4		Ø5		Ø3
	Ø4		Ø5		Ø6		Ø4
	Ø5		Ø6		Ø7		Ø5
	Ø6	DLC	Ø7	TOTAL	Ø8		Ø6
	Ø7		Ø8		Ø9		Ø7
	Ø8		Ø9		Ø10		Ø8
	Ø9		Ø10		Ø11		Ø9
	Ø10		Ø11		Ø12		Ø10
TOTAL		TOTAL		TOTAL		TOTAL	
PPB COMMON		PPB COMMON		PPB COMMON		PPB COMMON	
ISNS		ISNS		ISNS		ISNS	
SPARES		SPARES		SPARES		SPARES	
TOTAL		TOTAL		TOTAL		TOTAL	

CONDUCTOR		SCHEDULE		CONDUCTOR		SCHEDULE	
AWG	CIRCUIT	AWG	CIRCUIT	AWG	CIRCUIT	AWG	CIRCUIT
# 14	Ø1	# 20	EVP	# 10	TOTAL	DLC	Ø1
	Ø2		Ø3		Ø4		Ø2
	Ø3		Ø4		Ø5		Ø3
	Ø4		Ø5		Ø6		Ø4
	Ø5		Ø6		Ø7		Ø5
	Ø6	DLC	Ø7	TOTAL	Ø8		Ø6
	Ø7		Ø8		Ø9		Ø7
	Ø8		Ø9		Ø10		Ø8
	Ø9		Ø10		Ø11		Ø9
	Ø10		Ø11		Ø12		Ø10
TOTAL		TOTAL		TOTAL		TOTAL	
PPB COMMON		PPB COMMON		PPB COMMON		PPB COMMON	
ISNS		ISNS		ISNS		ISNS	
SPARES		SPARES		SPARES		SPARES	
TOTAL		TOTAL		TOTAL		TOTAL	

CONDUCTOR		SCHEDULE		CONDUCTOR		SCHEDULE	
AWG	CIRCUIT	AWG	CIRCUIT	AWG	CIRCUIT	AWG	CIRCUIT
# 14	Ø1	# 20	EVP	# 10	TOTAL	DLC	Ø1
	Ø2		Ø3		Ø4		Ø2
	Ø3		Ø4		Ø5		Ø3
	Ø4		Ø5		Ø6		Ø4
	Ø5		Ø6		Ø7		Ø5
	Ø6	DLC	Ø7	TOTAL	Ø8		Ø6
	Ø7		Ø8		Ø9		Ø7
	Ø8		Ø9		Ø10		Ø8
	Ø9		Ø10		Ø11		Ø9
	Ø10		Ø11		Ø12		Ø10
TOTAL		TOTAL		TOTAL		TOTAL	
PPB COMMON		PPB COMMON		PPB COMMON		PPB COMMON	
ISNS		ISNS		ISNS		ISNS	
SPARES		SPARES		SPARES		SPARES	
TOTAL		TOTAL		TOTAL		TOTAL	

CONDUCTOR		SCHEDULE		CONDUCTOR		SCHEDULE	
AWG	CIRCUIT	AWG	CIRCUIT	AWG	CIRCUIT	AWG	CIRCUIT
# 14	Ø1	# 20	EVP	# 10	TOTAL	DLC	Ø1
	Ø2		Ø3		Ø4		Ø2
	Ø3		Ø4		Ø5		Ø3
	Ø4		Ø5		Ø6		Ø4
	Ø5		Ø6		Ø7		Ø5
	Ø6	DLC	Ø7	TOTAL	Ø8		Ø6
	Ø7		Ø8		Ø9		Ø7
	Ø8		Ø9		Ø10		Ø8
	Ø9		Ø10		Ø11		Ø9
	Ø10		Ø11		Ø12		Ø10
TOTAL		TOTAL		TOTAL		TOTAL	
PPB COMMON		PPB COMMON		PPB COMMON		PPB COMMON	
ISNS		ISNS		ISNS		ISNS	
SPARES		SPARES		SPARES		SPARES	
TOTAL		TOTAL		TOTAL		TOTAL	

CONDUCTOR		SCHEDULE		CONDUCTOR		SCHEDULE	
AWG	CIRCUIT	AWG	CIRCUIT	AWG	CIRCUIT	AWG	CIRCUIT
# 14	Ø1	# 20	EVP	# 10	TOTAL	DLC	Ø1
	Ø2		Ø3		Ø4		Ø2
	Ø3		Ø4		Ø5		Ø3
	Ø4		Ø5		Ø6		Ø4
	Ø5		Ø6		Ø7		Ø5
	Ø6	DLC	Ø7	TOTAL	Ø8		Ø6
	Ø7		Ø8		Ø9		Ø7
	Ø8		Ø9		Ø10		Ø8
	Ø9		Ø10		Ø11		Ø9
	Ø10		Ø11		Ø12		Ø10
TOTAL		TOTAL		TOTAL		TOTAL	
PPB COMMON		PPB COMMON		PPB COMMON		PPB COMMON	
ISNS		ISNS		ISNS		ISNS	
SPARES		SPARES		SPARES		SPARES	
TOTAL		TOTAL		TOTAL		TOTAL	

CONDUCTOR		SCHEDULE		CONDUCTOR		SCHEDULE	
AWG	CIRCUIT	AWG	CIRCUIT	AWG	CIRCUIT	AWG	CIRCUIT
# 14	Ø1	# 20	EVP	# 10	TOTAL	DLC	Ø1
	Ø2		Ø3		Ø4		Ø2
	Ø3		Ø4		Ø5		Ø3
	Ø4		Ø5		Ø6		Ø4
	Ø5		Ø6		Ø7		Ø5
	Ø6	DLC	Ø7	TOTAL	Ø8		Ø6
	Ø7		Ø8		Ø9		Ø7
	Ø8		Ø9		Ø10		Ø8
	Ø9		Ø10		Ø11		Ø9
	Ø10		Ø11		Ø12		Ø10
TOTAL		TOTAL		TOTAL		TOTAL	
PPB COMMON		PPB COMMON		PPB COMMON		PPB COMMON	
ISNS		ISNS		ISNS		ISNS	
SPARES		SPARES		SPARES		SPARES	
TOTAL		TOTAL		TOTAL		TOTAL	

CONDUCTOR SCHEDULE				CONDUCTOR SCHEDULE									
AWG	CIRCUIT	RUN					AWG	CIRCUIT	RUN				
		1	2	3	4	5			1	2	3	4	5
# 14	Ø1	—	3	—	3	3	# 20	EVP	3	3	3	6	6
	Ø2	—	—	—	3	3		TOTAL	3	3	3	6	6
	Ø3	—	—	—	—	—		SIGNAL - COMMON	1	1	1	2	2
	—	—	—	—	—	—		LUMINAIRE	2	2	2	4	—
	Ø4	3	3	3	6	6		TOTAL	3	3	3	6	2
	Ø5	—	—	—	—	—		Ø1	1	1	—	1	1
	Ø6	3	3	3	6	6		Ø2	—	—	—	3	3
	Ø7	—	—	—	—	—		Ø3	—	—	—	—	—
	Ø8	—	—	—	—	—	Ø4	—	—	—	4	4	
	Ø9	—	—	—	—	—	Ø5	—	—	—	—	—	
	Ø2PB	—	—	—	1	1	1	Ø6	3	3	—	3	3
	Ø4PB	1	1	1	2	2	—	Ø7	—	—	—	—	—
	Ø6PB	—	—	—	—	—	—	Ø8	—	—	—	—	—
	Ø8PB	—	—	—	—	—	—	TOTAL	4	4	4	4	11
PPB COMMON	1	1	1	2	2	CONDUIT SIZE							
ISNS	1	1	1	2	—								
SPARES	3	3	3	6	6								
TOTAL	14	17	20	37	35								