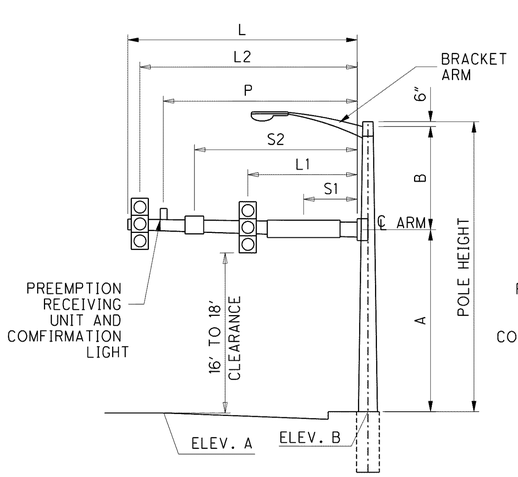
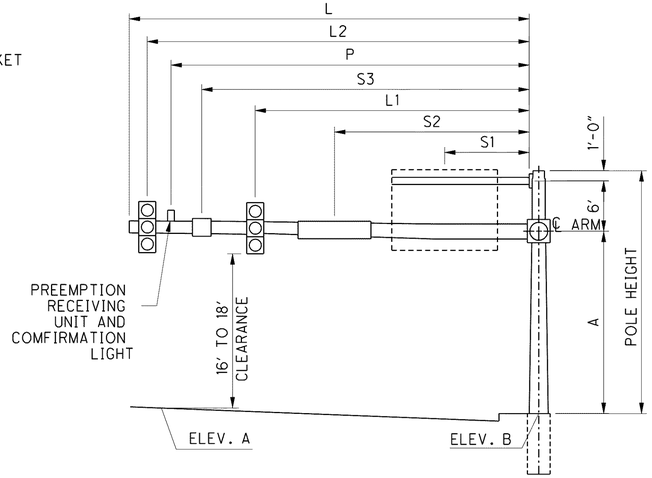
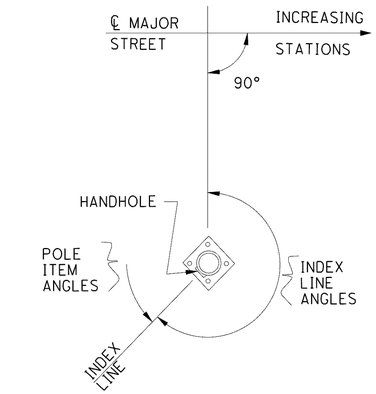


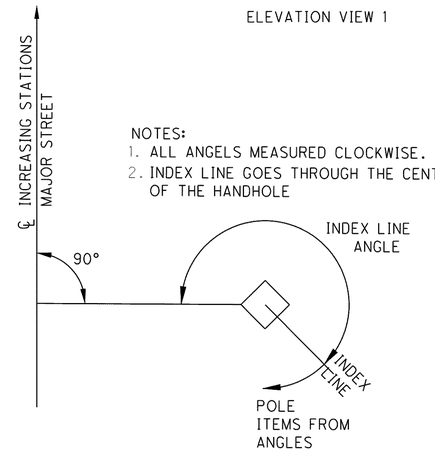
ELEVATION VIEW 1



ELEVATION VIEW 2



NOTES:
1. ALL ANGLES ARE MEASURED CLOCKWISE.
2. THE INDEX LINE GOES THROUGH THE CENTER OF THE HANDHOLE.



PEDESTAL ORIENTATION DIAGRAM

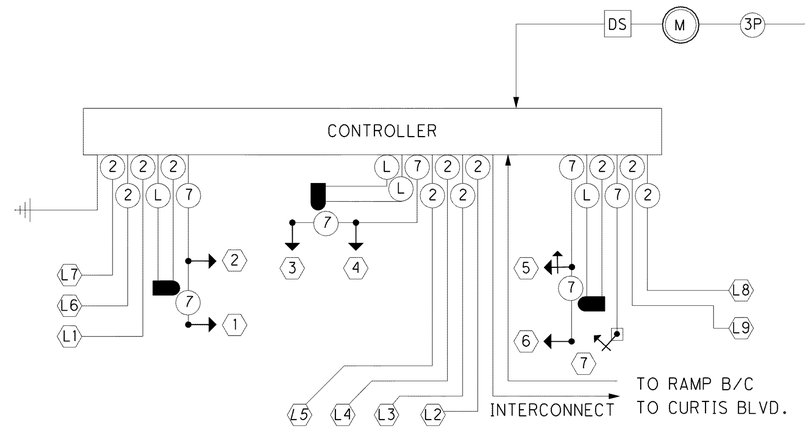
NOT TO SCALE

PEDESTAL

FROM SHEET NO.	POLE NUMBER	LOCATION STATION	LOCATION OFFSET	HEIGHT (FT.)	INDEX LINE ANNGLE (DEG.) (CENTER OF HANDHOLE)	ORIENTATION ANGLES FROM INDEX LINE (DEGREES) PEDESTRIAN SIGNALS	VEHICULAR SIGNALS	PEDESTRIAN PUSHBUTTON	PEDESTRIAN PUSHBUTTON
1170	P2-4	28+36	46' RT.	8	50		TOP		

SIGNAL SUPPORT

FROM SHEET NO.	ELEVATION VIEW	SUPPORT NO.	SUPPORT DESIGN NO.	MAST ARM DESIGN NO.	POLE HEIGHT (FT.)	MOUNTING HT. A	MOUNTING HT. B	L (FT.)	S1 (FT.)	S2 (FT.)	L1 (FT.)	L2 (FT.)	L3 (FT.)	L4 (FT.)	P (FT.)		ELEVATION A	ELEVATION B	MAST ARM A ORIENTATION ANGLE (DEGREES)	ORIENTATION ANGLES (DEG.) FROM MAST ARM A PEDESTRIAN SIGNAL	PEDESTRIAN PUSHBUTTON	HANDHOLE	BRACKET ARM	SIGN ARM	WEATHERHEAD
1170	2	P1-1	6#	2	27	20		28			12	27		16	20		650.6	650.5	0			180			
				6#				16	5.5															0	
1170	1	P2-2	11	11	23			44	12		31	43			38		649.7	646.6	67			180			
1170	1	P2-3	11	11	23			40			21	39			27		648.1	647.2	0			180			210



WIRING DIAGRAM

WIRING DIAGRAM LEGEND

DS — DISCONNECT SWITCH	GROUND ROD
M — ELECTRIC METER	2 — 2/C #14 AWG. (LEAD-IN CABLE)
VEHICULAR SIGNAL HEAD	5 — 5/C #14 AWG.
VEHICULAR SIGNAL HEAD W/ TURN ARROW	7 — 7/C #14 AWG.
PEDESTRIAN SIGNAL AND PUSHBUTTON	2P — 2/C #14 AWG. (POWER)
VIDEO DETECTION CAMERA	3P — 3/C #4 AWG. (POWER)
PREEMPTION CONFIRMATION LIGHT AND DETECTOR	L — PREEMPTION CABLE
	V — VIDEO DETECTION CABLE
	VP — VIDEO POWER CABLE

CALCULATED | CHECKED

TRAFFIC SIGNAL WIRING DIAGRAM AND POLE DETAILS
SOM CENTER RD/ RAMP A/ RAMP D INTERSECTION

LAK-2-3.32

1172
1679

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