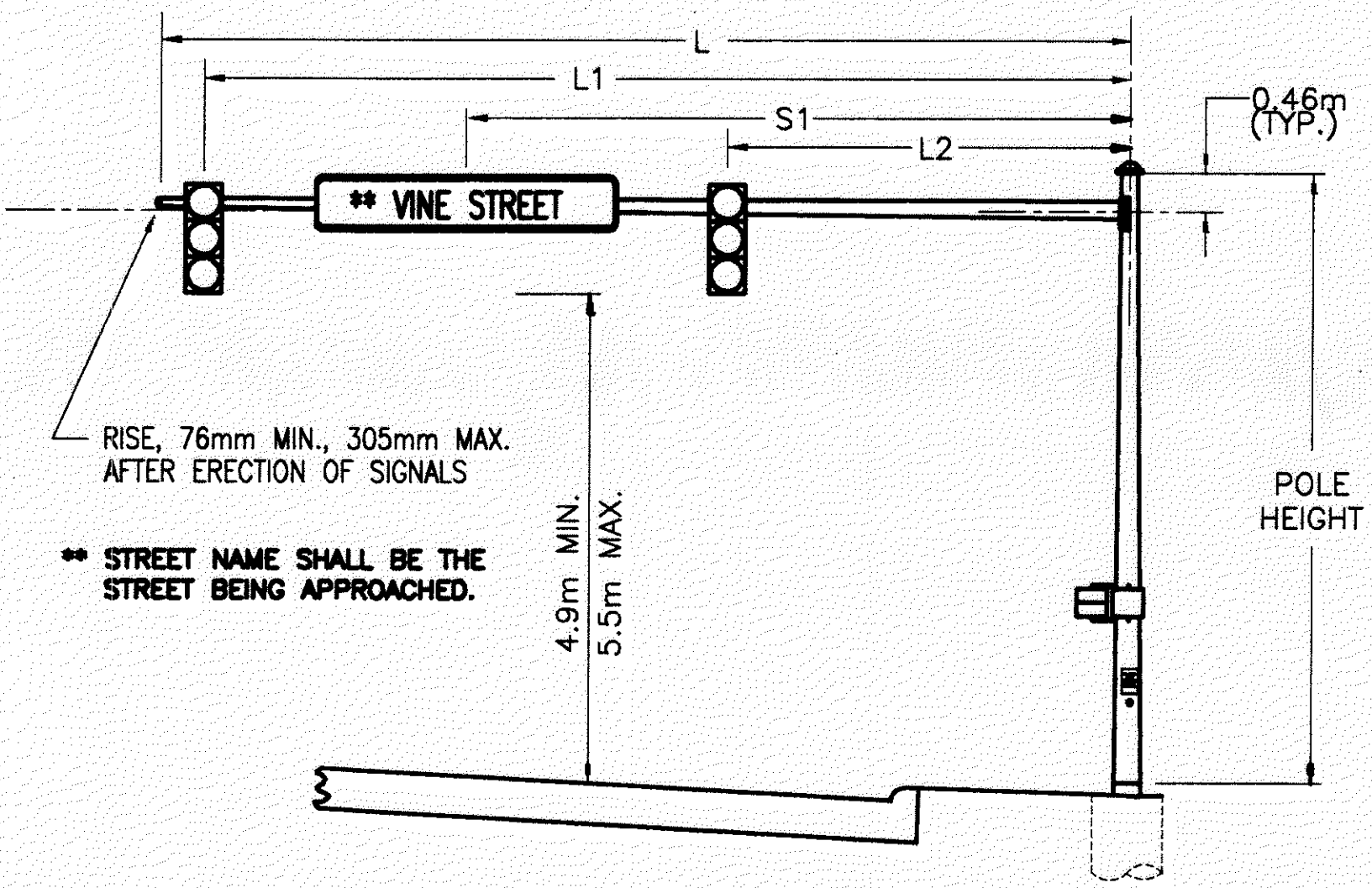


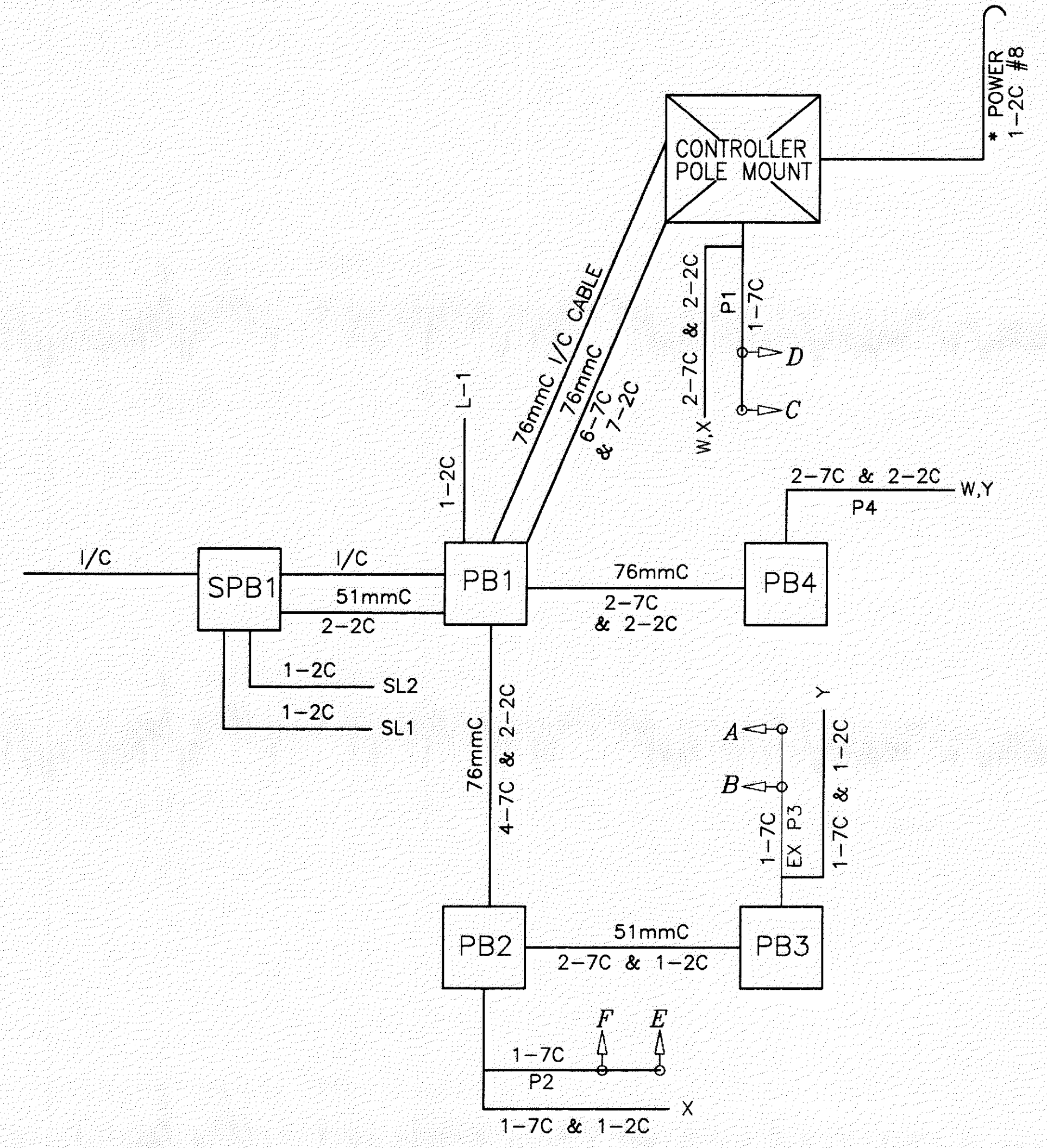
PUSHBUTTON SIGN  
225mm x 900mm

NOTES:  
1) ALL ANGLES MEASURED CLOCKWISE.  
2) BASE PLATE IS ORIENTED SQUARE TO MAST ARM A (LARGEST ARM) EVEN IF SUPPORT HAS TWO MAST ARMS.

NOTE: SIGNAL SUPPORTS SHALL BE EQUIPPED WITH THE APPROPRIATE PUSHBUTTON SIGN LEGEND.



SIGNAL SUPPORT DETAIL & ORIENTATION ANGLE



\* POWER CABLE SHALL BE RUN FROM THE NEAREST POWER POLE TO THE CONTROLLER IN A SEPARATE 51mm(2") CONDUIT.

WIRING DIAGRAM

LOCATION		POLE NUMBER	SIGNAL SUPPORT TYPE TC-81.20M							ORIENTATION ANGLE (DEG) FROM MAST ARM A									
			DESIGN NUMBER	POLE HEIGHT (Meters)	SIGNALS			SIGNS		MAST ARM A ANGLE (DEGREES)	MAST ARM B								
STATION	OFFSET			ARM LENGTH 'L' (Meters)	L1	L2	L3	PREEMPT	S1		S2		PEDESTRIAN SIGNAL	PED. PUSHBUTTON	POWER SERVICE	CONTROLLER	LUMINAIRE BRACKET	HANDHOLE	CABLE ENTRANCE
3+513.72	11.48m LT.	P1	3	6.4	10.36	9.88	6.48		8.18	0		0	0		90	180			
3+516.63	13.35m RT.	P2	4	6.4	10.97	10.49	7.49		8.99	90		0	270			90			
3+535.05	11.52m RT.	P3	EXISTING POLE - REWIRE AND USE EXISTING EQUIPMENT																
3+533.70	14.91m LT.	P4	PED	2.4								180	180				*		

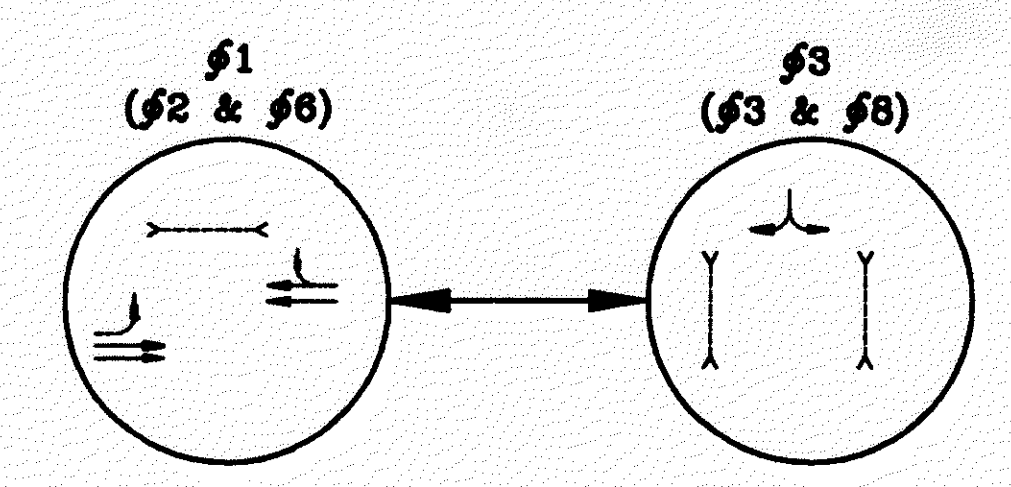
NOTE: PED ORIENTATION REFERENCED TO HANDHOLE \* - HANDHOLE TO BE ORIENTED 180° FROM ROADWAY

LOOP	SIZE	TURNS	MODE	DELAY	PHASE	REMARK	LOCATION 1st FRONT CORNER	LOCATION 2nd FRONT CORNER
L-1	1.8X9.1	2	PRESENCE	-	φ2	STANDARD	3+523.3	3+525.1
SL1	1.8X1.8	3	SYSTEM				3+499.6	3+501.4
SL2	1.8X1.8	3	SYSTEM				3+499.6	3+501.4

LOOP DETECTOR CHART

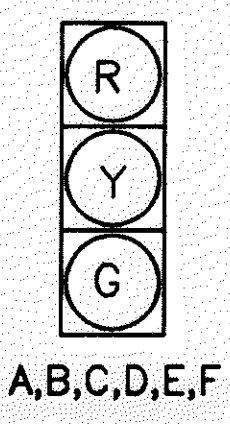
SIGNAL HEAD	φ1				φ2				FLASH	DWELL
	R/W	CLEAR	R/W	CLEAR	R/W	CLEAR	R/W	CLEAR		
A	G	G	Y	R	R	R	R	R	Y	G
B	G	G	Y	R	R	R	R	R	Y	G
C	G	G	Y	R	R	R	R	R	Y	G
D	G	G	Y	R	R	R	R	R	Y	G
E	R	R	R	R	G	G	Y	R	R	R
F	R	R	R	R	G	G	Y	R	R	R

SIGNAL SEQUENCE CHART

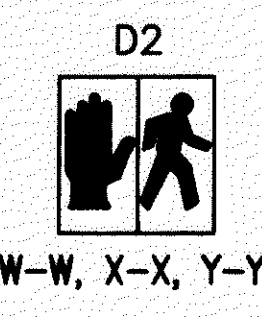


PHASING DIAGRAM

NOTE: EXISTING SIGNAL TIMING SHALL BE MAINTAINED UNLESS OTHERWISE DIRECTED BY THE ENGINEER.



300mm POLYCARBONATE VEHICULAR SIGNAL HEADS (RELOCATE EXISTING)



PEDESTRIAN SIGNAL HEADS (RELOCATE EXISTING)

CALC. BY: A.E.P.  
CHECKED BY: I.M.H.

SIGNAL PLAN - E. 364

LAK-640-2.865 (1.78)