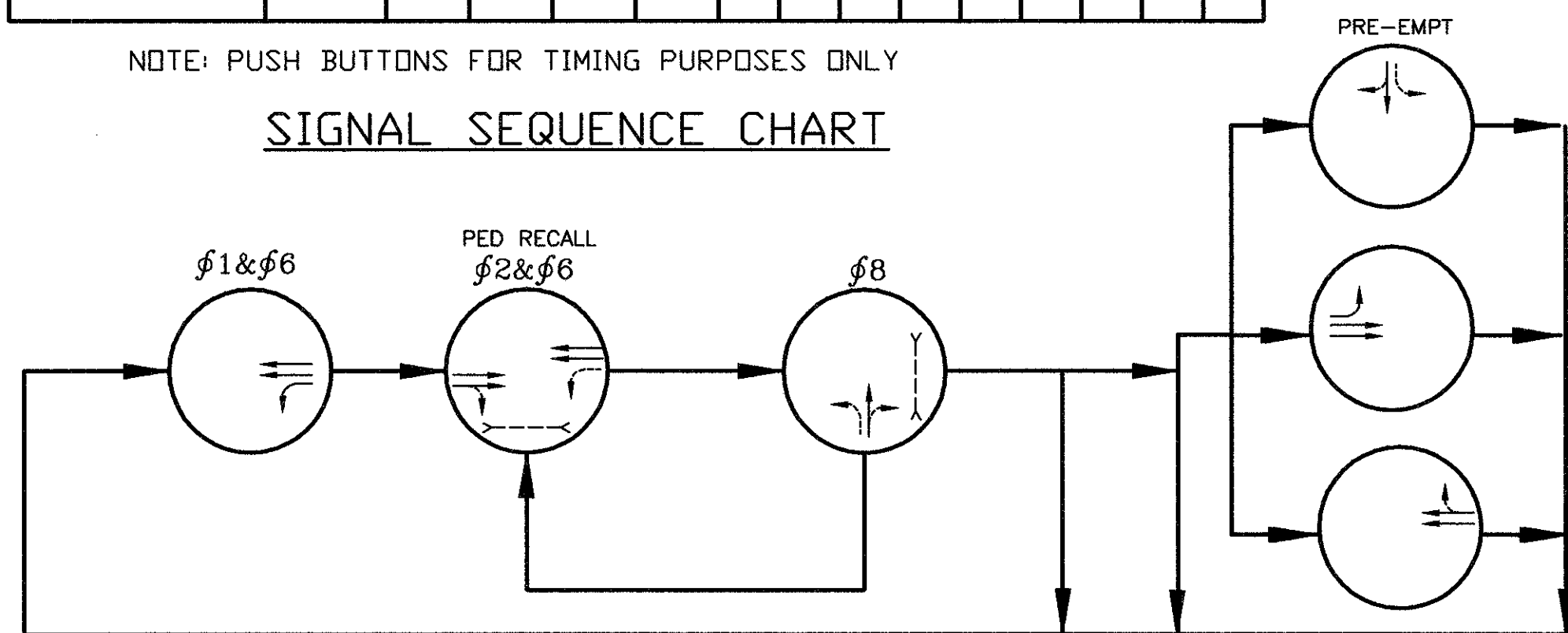


SIGNAL DIRECTION	SIGNAL HEAD	φ1 & φ6				φ2 & φ6				φ8				FLASH	
		R/W	CLEAR	R/W	CLEAR	R/W	CLEAR	R/W	CLEAR	R/W	CLEAR	R/W	CLEAR		
WESTBOUND	A	G	G	G	Y	R	G	G	Y	R	R	R	R	Y	
	B	G	G	Y	R	G	G	Y	R	R	R	R	Y		
EASTBOUND	C	R	R	R	R	G	G	Y	R	R	R	R	Y		
	D	R	R	R	R	G	G	Y	R	R	R	R	Y		
NORTHBOUND	E	R	R	R	R	R	R	R	R	G	G	Y	R		
	F	R	R	R	R	R	R	R	R	G	G	Y	R		

NOTE: PUSH BUTTONS FOR TIMING PURPOSES ONLY

SIGNAL SEQUENCE CHART

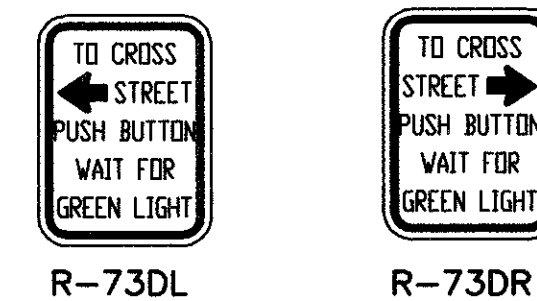


PHASING DIAGRAM

FUNCTION	φ1	φ2	φ3	φ4	φ5	φ6	φ7	φ8
INITIAL GREEN	7.0	30.0	-	-	-	30.0	-	14.0
MINIMUM GREEN	-	-	-	-	-	-	-	-
VEHICLE EXTENSION	3.0	3.0	-	-	-	3.0	-	3.0
MAXIMUM GREEN	15.0	40.0	-	-	-	40.0	-	30.0
PEDESTRIAN WALK	-	7.0	-	-	-	7.0	-	7.0
PEDESTRIAN CLEARANCE	-	18.0	-	-	-	18.0	-	19.0
VEHICLE YELLOW CLEARANCE	5.0	5.0	-	-	-	5.0	-	5.0
VEHICLE ALL RED CLEARANCE	2.0	2.0	-	-	-	2.0	-	2.0
RECALL	OFF	MIN	-	-	-	MIN	-	OFF
MEMORY	N.L.	N.L.	-	-	-	N.L.	-	N.L.

NOTE: LTT = 2 MUST BE SET AT WAPITI KEYSTROKES A + 3 + A.

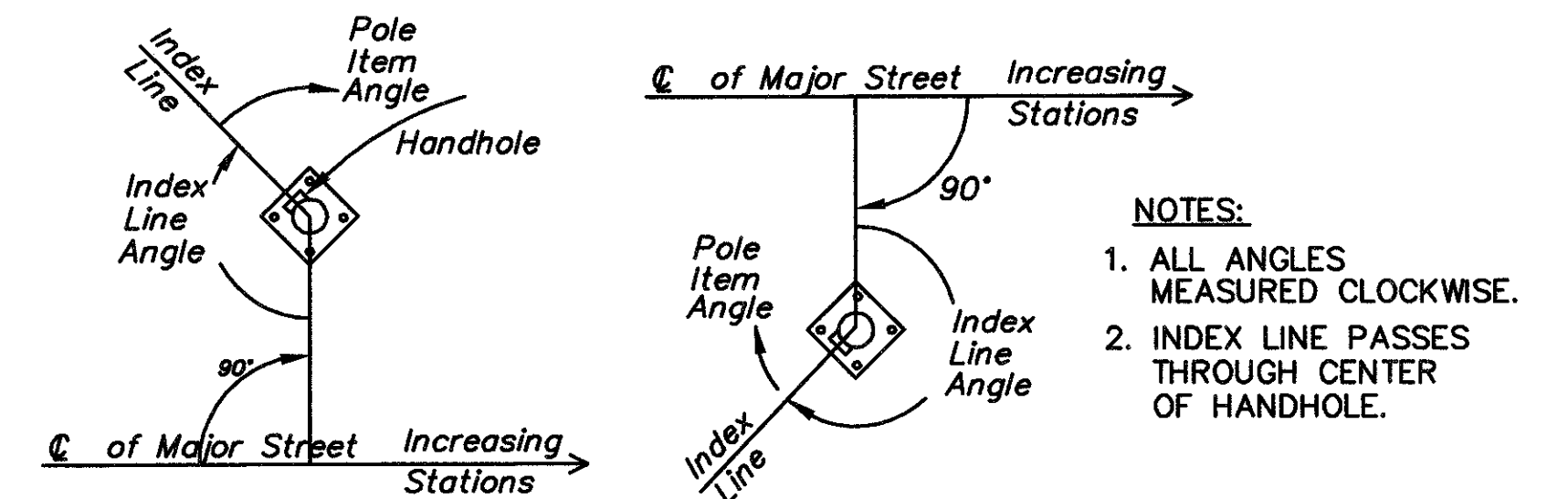
SIGNAL TIMING CHART



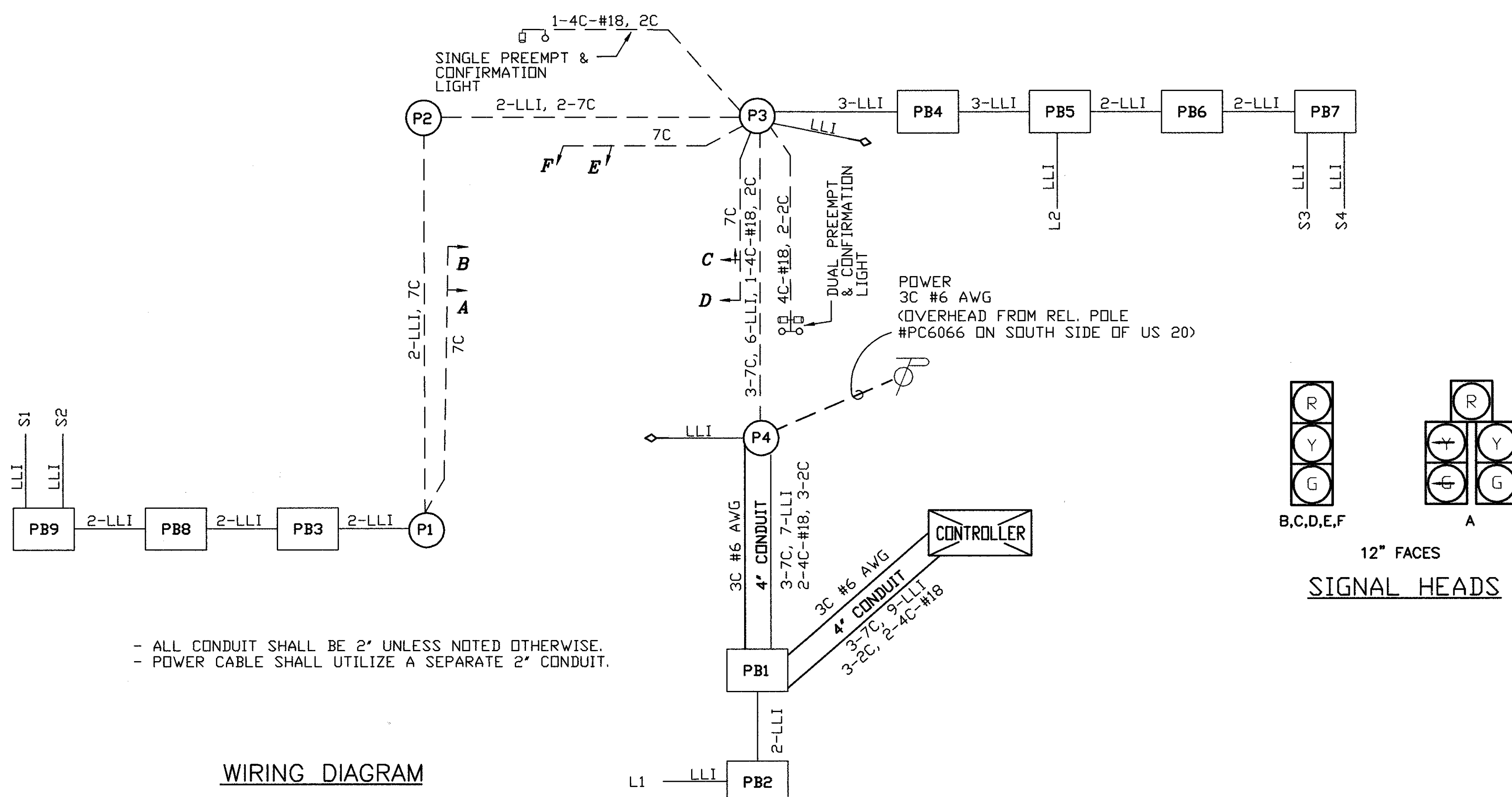
PEDESTRIAN PUSHBUTTON SIGNS

POLE NUMBER	STATION	OFFSET	PEDESTRIAN PEDESTAL	DESIGN NUMBER	POLE HEIGHT (ft)	ATTACHMENT HEIGHT (ft)	INDEX LINE ANGLE (deg)	ANGLES (deg) FROM INDEX LINE (SEE INDEX LINE ORIENTATION DIAGRAM)					
								POWER SERVICE 1-1/2" BHC, 30" FROM BASE	PEDESTRIAN PUSH BUTTON	CONDUIT ELL SIZE & ANGLE	CABLE ENTRANCE, 2" BHC (12" FROM TOP)	2" CAPPED CONDUIT, ELL (FUTURE USE)	
1	87+36	41' RT	-	6	30	23.0	225°	-	-	2"-140°	140°	230°	45°
2	87+36	38.5' LT	-	6	30	23.0	150°	-	-	2"-270°	135°	225°	90°
3	88+21	38.5' LT	-	6	30	23.0	210°	270°	180°	2"-270°	135°	225°	90°
4	88+25	43' RT	-	6	30	23.0	150°	-	302°	2"-120°	121°	211°	300°

TYPE TC-81.10 STRAIN POLE & TYPE TC-81.20 PEDESTRIAN SIGNAL SUPPORT

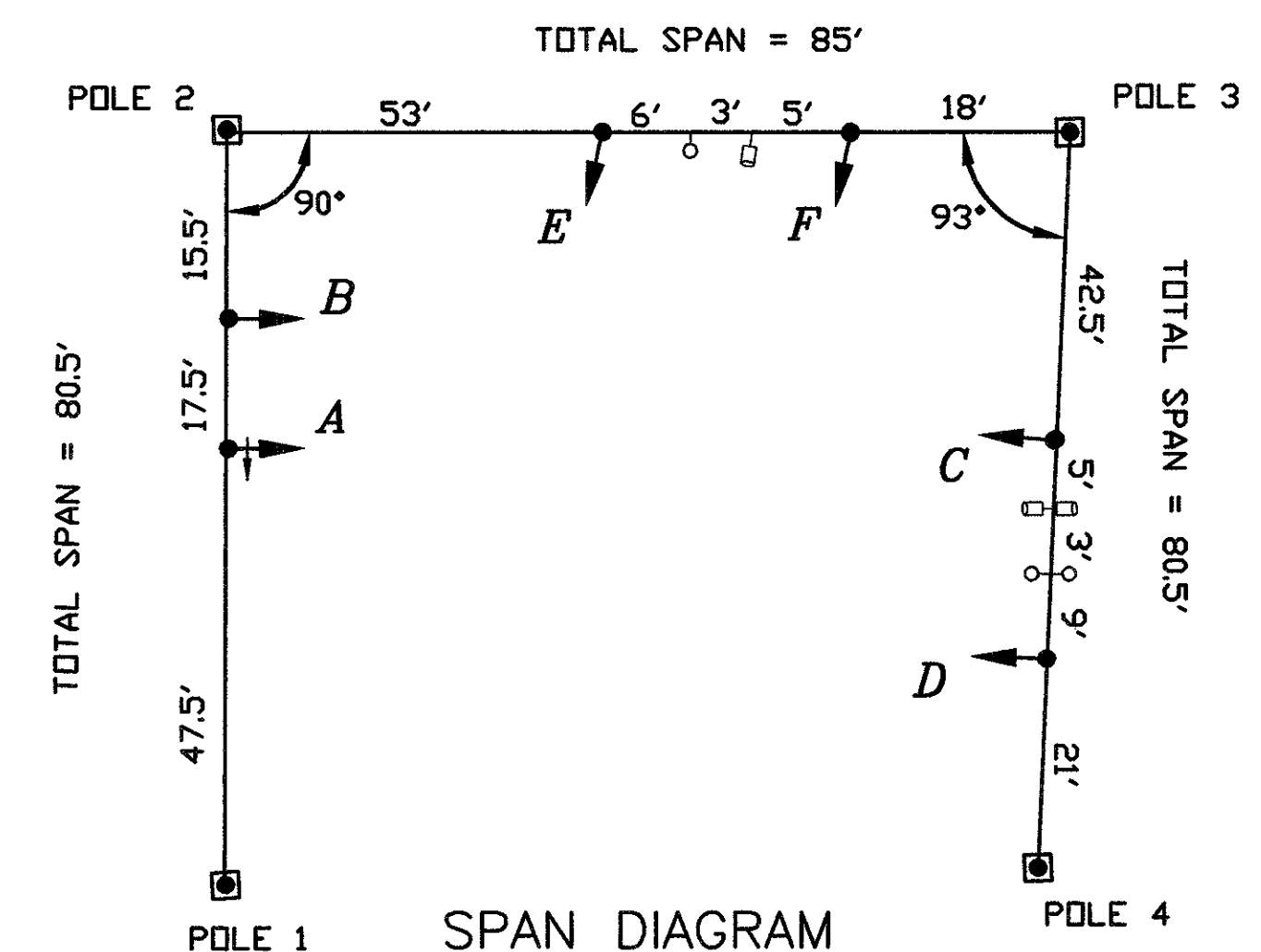


INDEX LINE ORIENTATION



- ALL CONDUIT SHALL BE 2" UNLESS NOTED OTHERWISE.
- POWER CABLE SHALL UTILIZE A SEPARATE 2" CONDUIT.

WIRING DIAGRAM



SPAN DIAGRAM

LOOP	SIZE	TURNS	MODE	DELAY	PHASE	REMARK	INHIBITED DELAY	LOCATION 1st FRONT CORNER	LOCATION 2nd FRONT CORNER
L-1	8X30	4	PRESENCE	5.0	φ8	STANDARD	φ8	STA. 87+95, 47' RT	STA. 87+87, 47' RT
L-2	6X25	3	PRESENCE	-	φ1	STANDARD	-	STA. 88+77, 3' LT	STA. 88+77, 3' RT
S-1	6X6	3	PULSE	-	φ2	DIAMOND	-	STA. 84+24, 23' RT	-
S-2	6X6	3	PULSE	-	φ2	DIAMOND	-	STA. 84+24, 11' RT	-
S-3	6X6	3	PULSE	-	φ6	DIAMOND	-	STA. 91+26, 23' LT	-
S-4	6X6	3	PULSE	-	φ6	DIAMOND	-	STA. 91+26, 11' LT	-

LOOP DETECTOR CHART

DATE: 09-26-02 - H: 1998\98404\DWG\98404T11.DWG



NOT TO SCALE

CALCULATED
TJF
CHECKED
DHF

TRAFFIC SIGNAL PLAN
U.S. 20 / HALE ROAD

LAK - 20 - 18.72

324
441