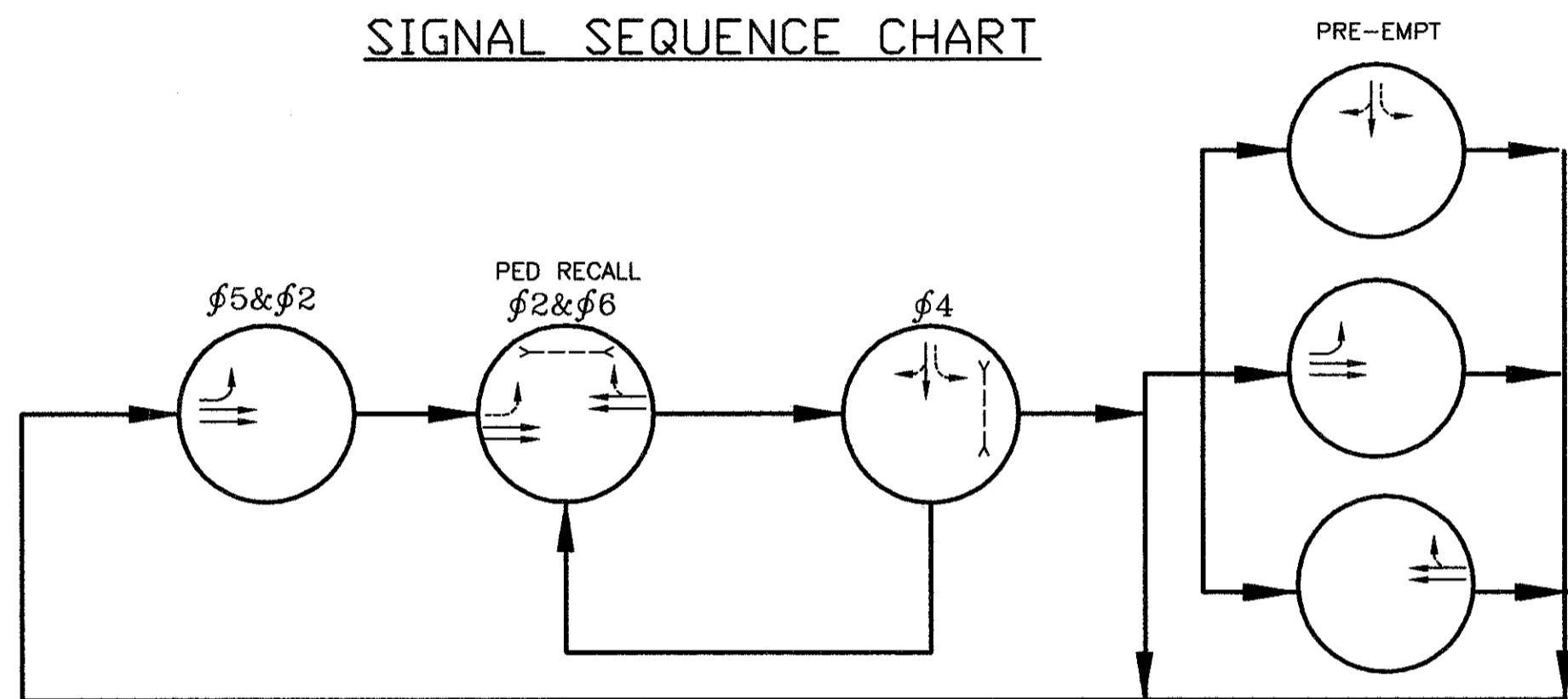


SIGNAL DIRECTION	SIGNAL HEAD	φ2 & φ5			φ2 & φ6			φ4			FLASH	
		R/W	CLEAR	R/W	CLEAR	R/W	CLEAR	R/W	CLEAR			
WESTBOUND	A	R	R	R	G	G	Y	R	R	R	Y	
	B	R	R	R	G	G	Y	R	R	R	Y	
EASTBOUND	C	G	G	Y	R	R	R	R	R	R	Y	
	D	G	G	Y	R	R	R	R	R	R	Y	
SOUTHBOUND	E	R	R	R	R	R	R	R	G	G	Y	R
	F	R	R	R	R	R	R	R	G	G	Y	R

(a) G/Y IF φ2 & φ6 IS NEXT
 (b) G IF φ2 & φ6 IS NEXT

NOTE: PUSH BUTTONS FOR TIMING PURPOSES ONLY

SIGNAL SEQUENCE CHART

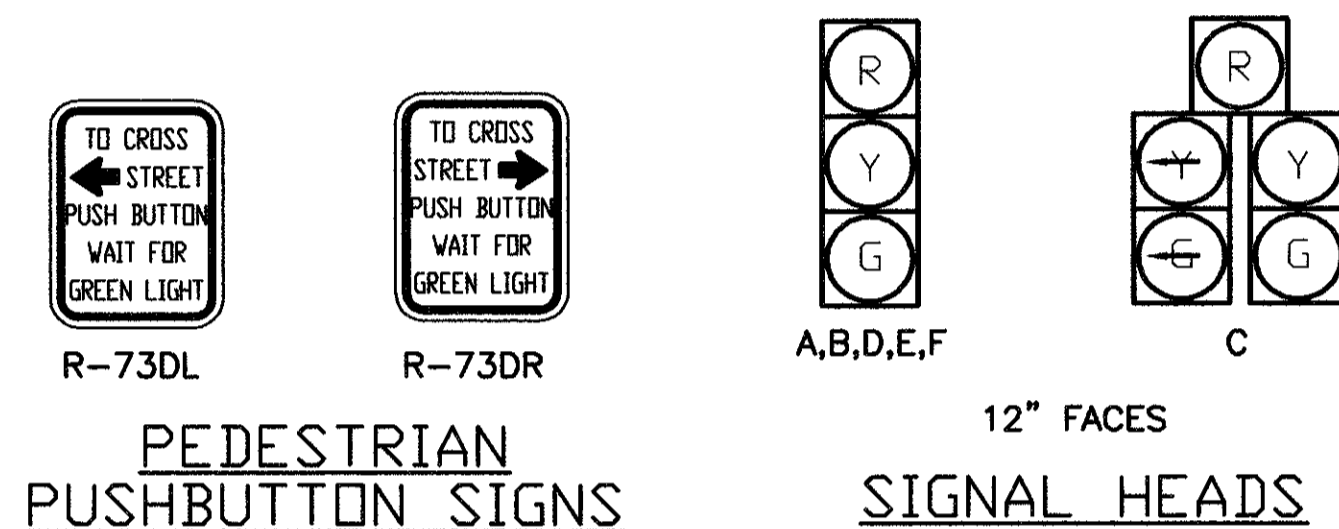


PHASING DIAGRAM

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

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

SIGNAL TIMING CHART

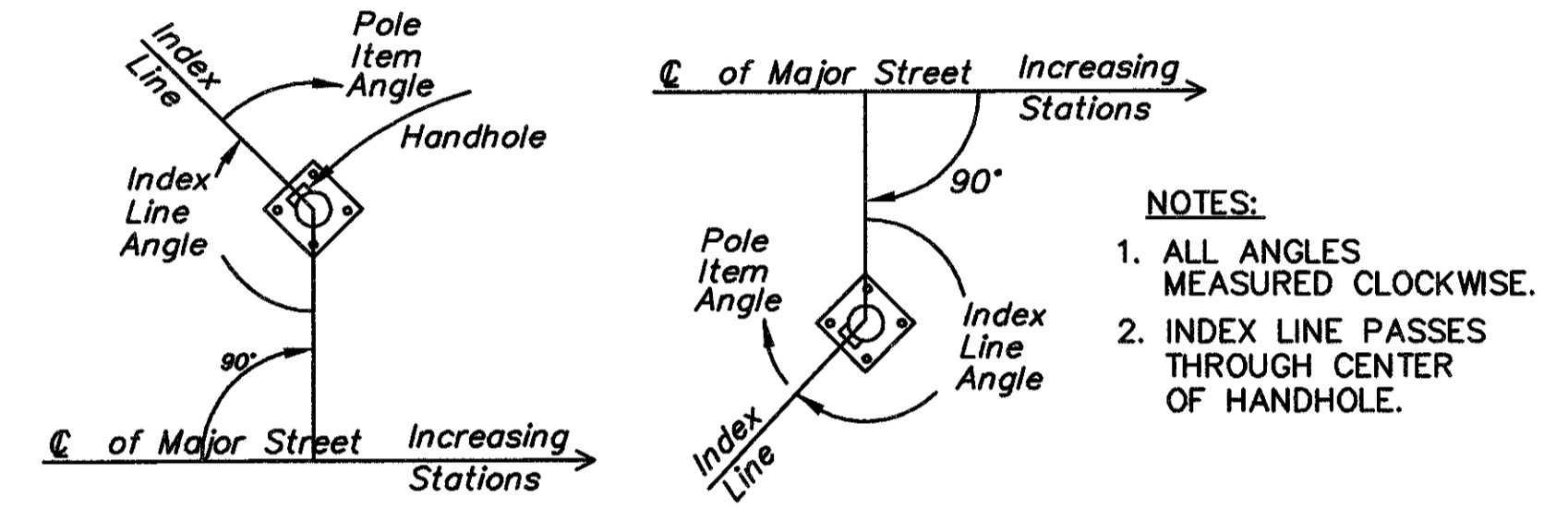


PEDESTRIAN PUSHBUTTON SIGNS

SIGNAL HEADS

POLE NUMBER	STATION	OFFSET	PEDESTRIAN	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 (1/2" FROM TOP)	2" CAPPED CONDUIT, ELL (FUTURE USE)	
1	494+38	43' RT	-	6	30	24.0	225°	-	-	2"-140°	140°	230°	45°
2	494+44	44' LT	-	6	30	24.0	150°	-	-	2"-270°	135°	225°	90°
3	495+52	47' LT	-	6	30	24.0	210°	270°	180°	2"-270°	135°	225°	90°
4	495+28	42' RT	-	6	30	24.0	150°	-	302°	2"-120°	121°	211°	300°

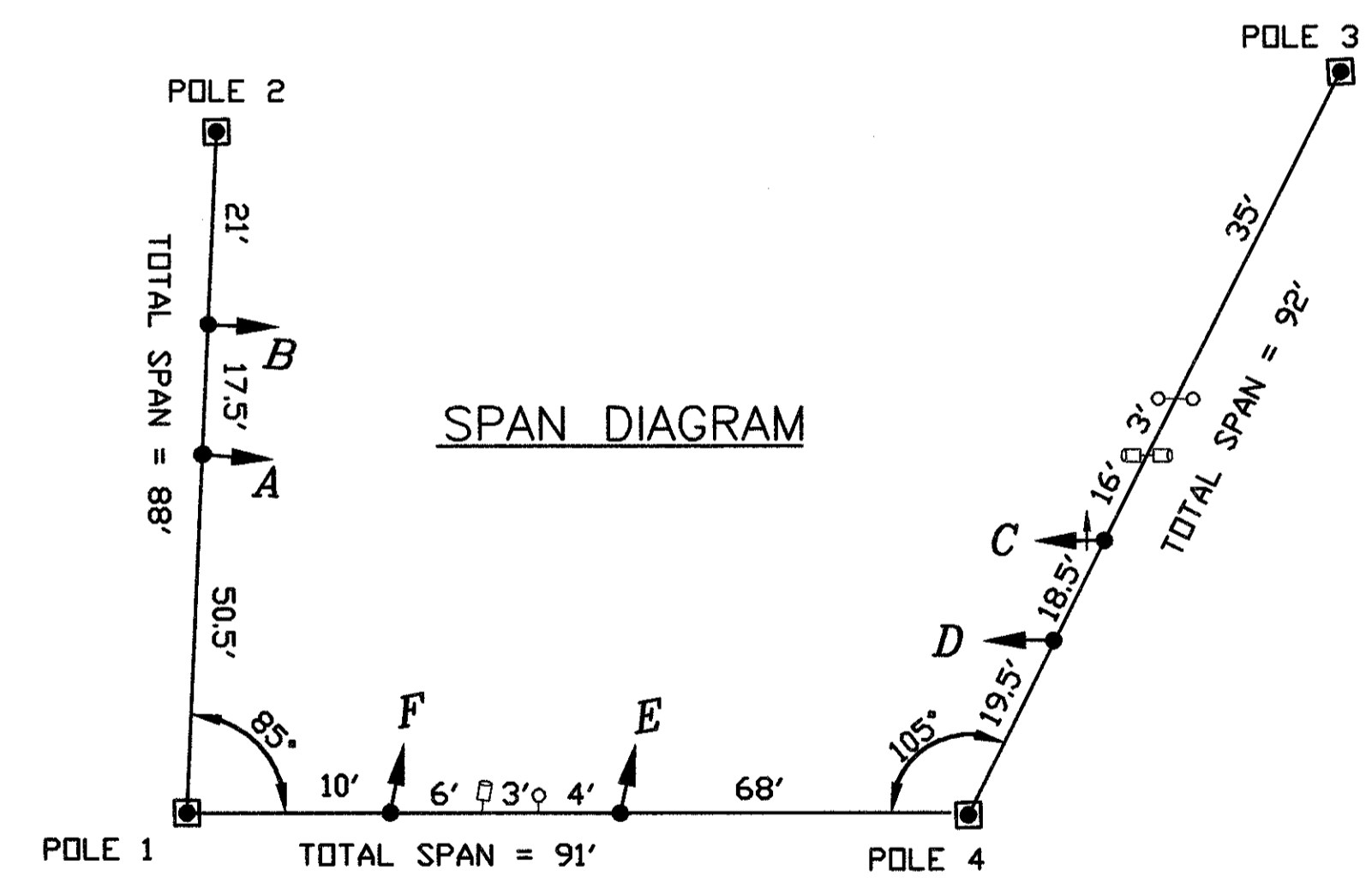
TYPE TC-81.10 STRAIN POLE & TYPE TC-81.20 PEDESTRIAN SIGNAL SUPPORT



INDEX LINE ORIENTATION

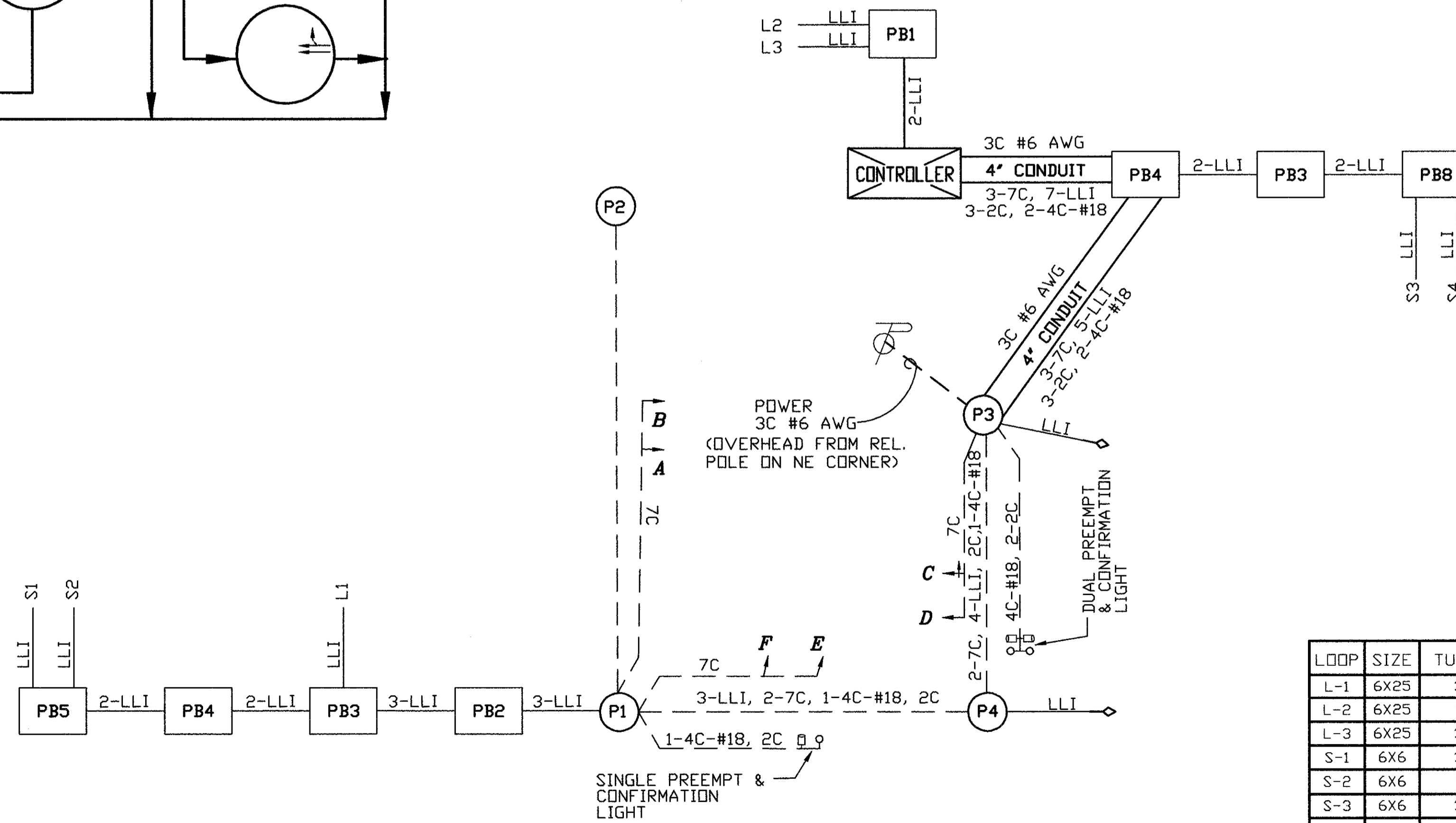
- NOTES:
- ALL ANGLES MEASURED CLOCKWISE.
 - INDEX LINE PASSES THROUGH CENTER OF HANDHOLE.

SPAN DIAGRAM



LOOP	SIZE	TURNS	MODE	DELAY	PHASE	REMARK	INHIBITED DELAY	LOCATION 1st FRONT CORNER	LOCATION 2nd FRONT CORNER
L-1	6X25	3	PRESENCE	-	φ5	STANDARD	-	STA. 494+18, 3' LT	STA. 494+18, 3' RT
L-2	6X25	3	PRESENCE	8.0	φ4	STANDARD	φ4	STA. 10+49, 8' LT	STA. 10+49, 14' LT
L-3	6X25	3	PRESENCE	2.0	φ4	STANDARD	φ4	STA. 10+49, 2.5' LT	STA. 10+49, 3.5' RT
S-1	6X6	3	PULSE	-	φ2	DIAMOND	-	STA. 491+41, 10' RT	-
S-2	6X6	3	PULSE	-	φ2	DIAMOND	-	STA. 491+41, 22' RT	-
S-3	6X6	3	PULSE	-	φ6	DIAMOND	-	STA. 498+58, 22' LT	-
S-4	6X6	3	PULSE	-	φ6	DIAMOND	-	STA. 498+58, 10' LT	-

LOOP DETECTOR CHART



WIRING DIAGRAM

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

DATE: 09-26-02 - H: \1998\98404\DWG\98404T09.DWG