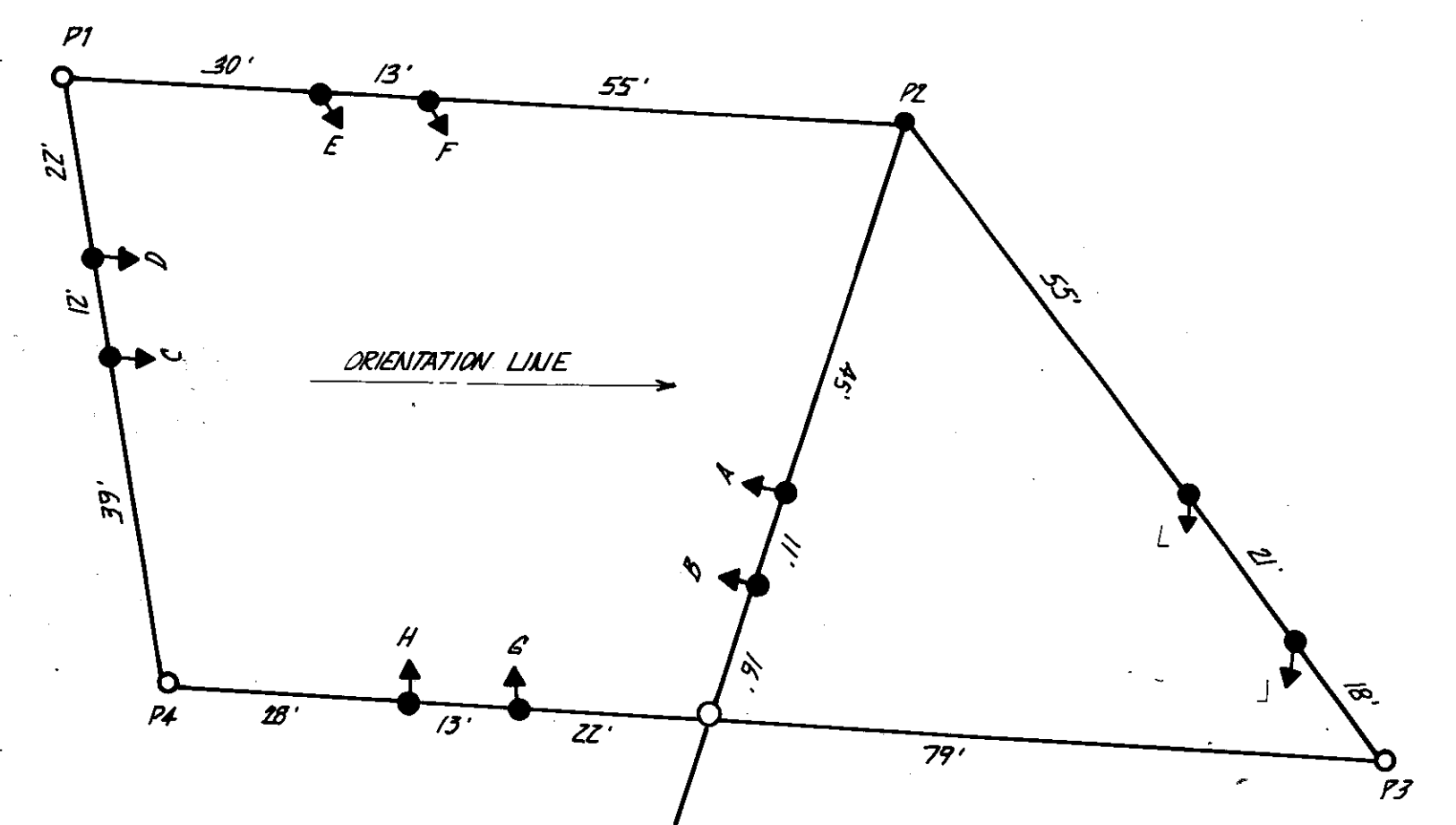
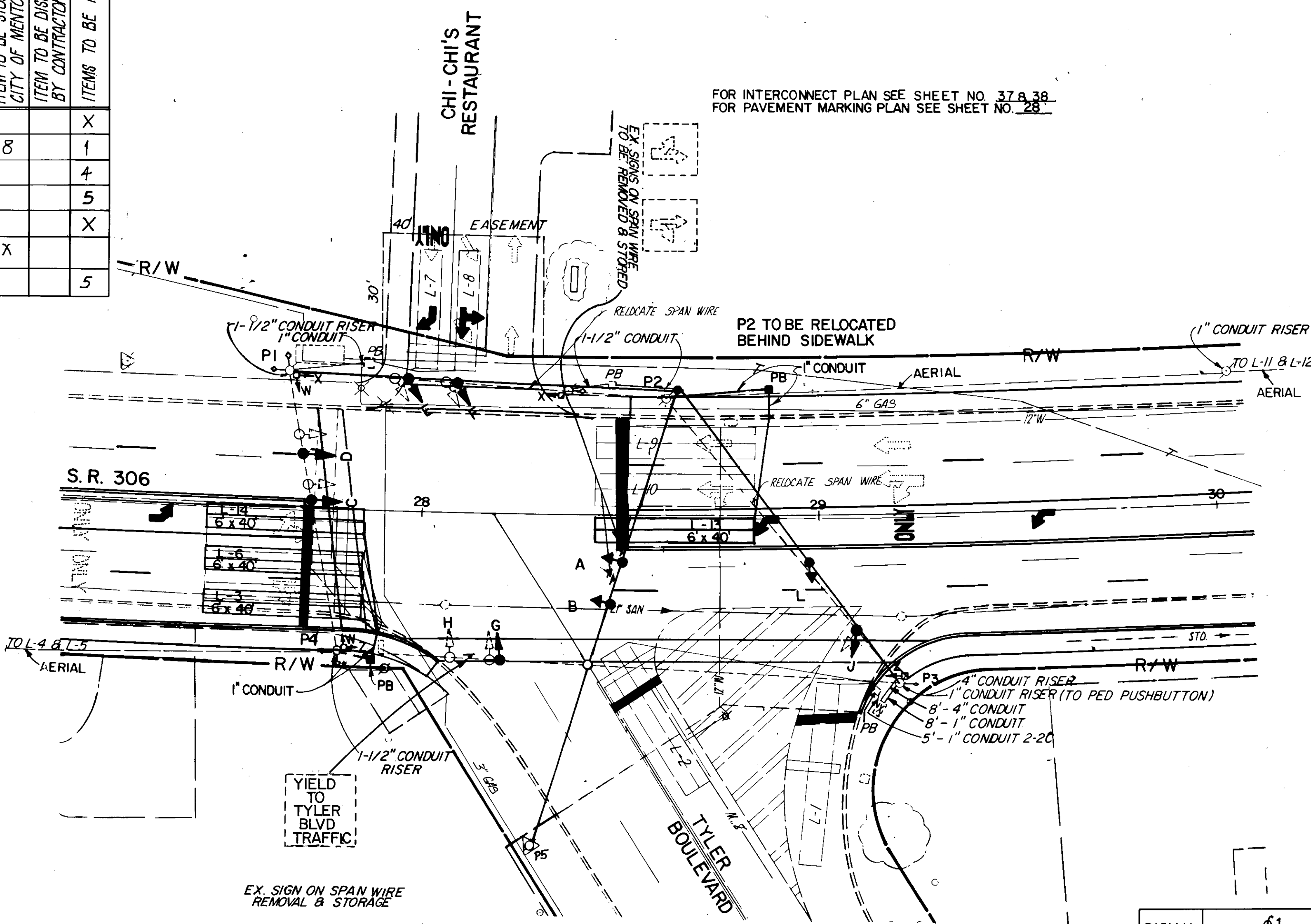


ITEM	ITEM TO BE STORED FOR CITY OF MENTOR	ITEM TO BE DISPOSED OF BY CONTRACTOR	ITEMS TO BE REUSED
CONTROLLER			X
VEHICULAR SIGNAL HEADS	8	1	
PEDESTRIAN HEADS		4	
POLES		5	
PULL BOX			X
SIGNS, FLAT SHEET	X		
PEDESTRIAN PUSHBUTTON			5

WIRING DIAGRAM

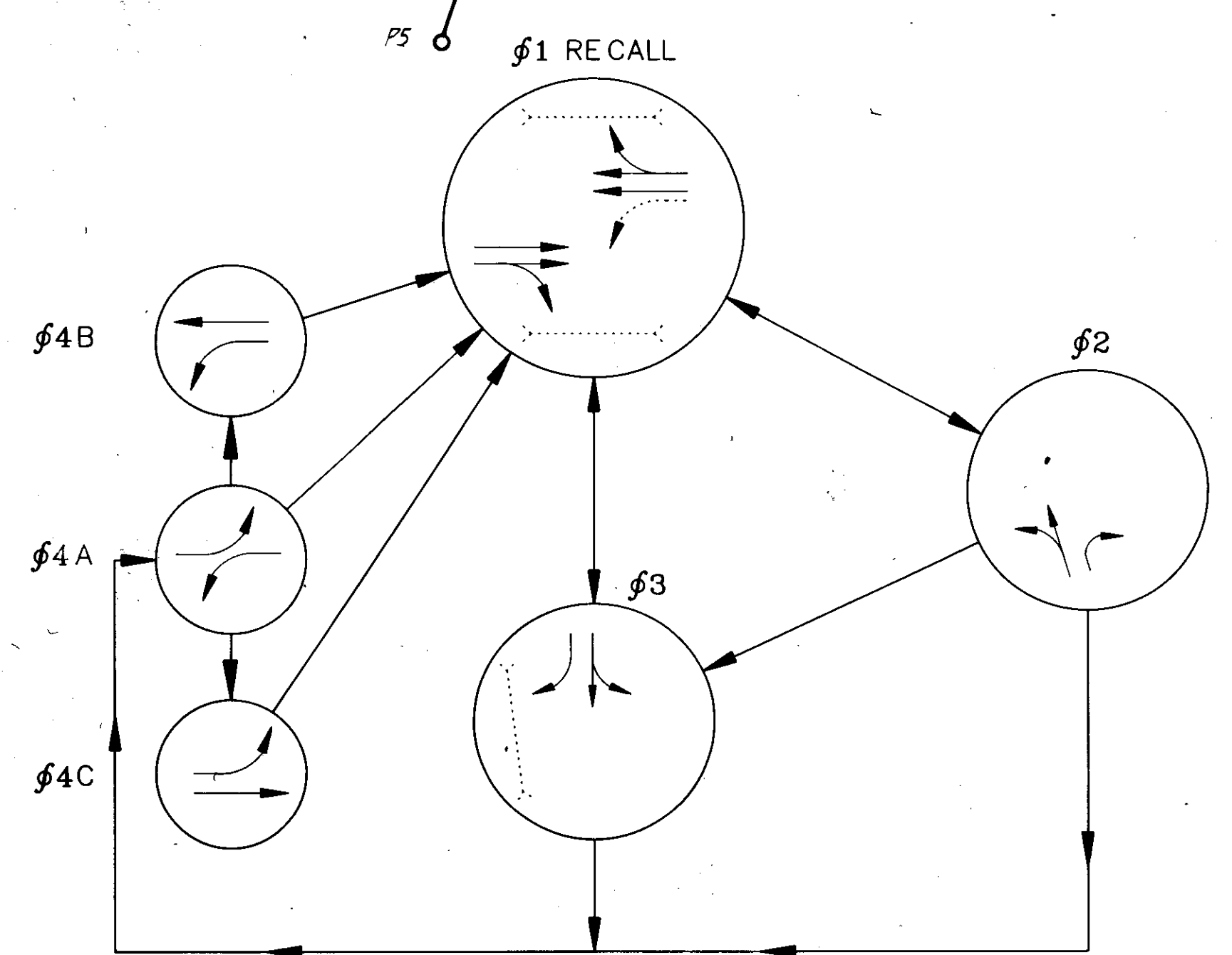


SPAN DIAGRAM



FUNCTION	φ4					
	φ1	φ2	φ3	A	B	C
INITIAL GREEN	5.0	3.0	4.0	3.0	3.0	3.0
MINIMUM GREEN	20.0	10.0	10.0	10.0	10.0	10.0
VEHICLE EXTENSION	2.3	2.0	2.8	2.5	2.5	2.5
MAXIMUM GREEN	40.0	20.0	25.0	20.0	20.0	20.0
PEDESTRIAN WALK	7.0	-	7.0	-	-	-
PEDESTRIAN CLEARANCE	25.0	-	14.0	-	-	-
VEHICLE YELLOW CLEARANCE	3.0	3.0	3.0	3.0	3.0	3.0
VEHICLE ALL RED CLEARANCE	1.0	1.0	-	-	-	-
RECALL	ON	OFF	OFF	OFF	OFF	OFF
MEMORY	OFF	OFF	OFF	OFF	OFF	OFF

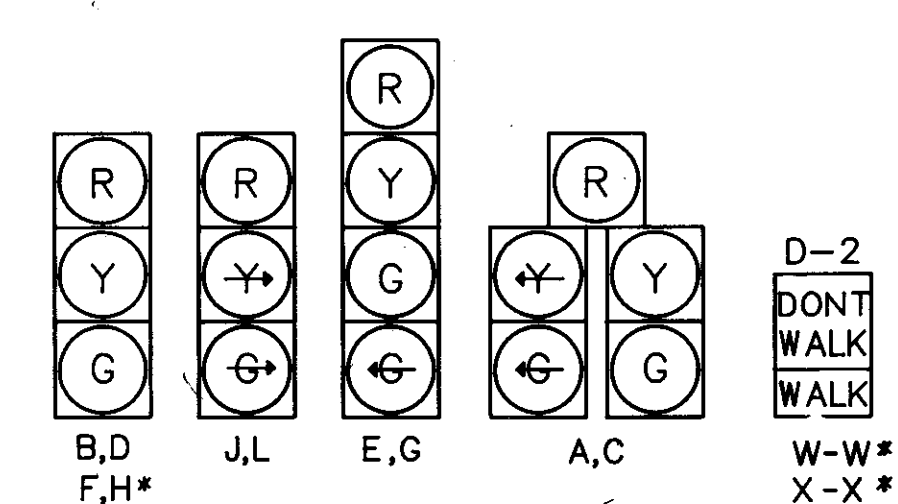
SIGNAL TIMING CHART



PHASING DIAGRAM

LOOP	SIZE	TURNS	MODE	DELAY	EXTEND	REMARKS
L1, L2						NO CHANGE
L3	6'x40'	2-4-2	PRESENCE	2.8		QUADRAPOLE
L4, L5					2.3	NO CHANGE
L6	6'x40'	2-4-2	PRESENCE	2.8		QUADRAPOLE
L7, L8						NO CHANGE
L9, L10						NO CHANGE
L11, L12					2.3	NO CHANGE
L13	6'x40'	2-4-2	PRESENCE			QUADRAPOLE
L14	6'x40'	2-4-2	PRESENCE			QUADRAPOLE

LOOP DETECTOR CHART



12" SIGNAL HEADS

SIGNAL HEAD	φ1		φ2		φ3		φ4A		φ4B		φ4C		FLASH	DWELL
	R/W	CLEAR	R/W	CLEAR	R/W	CLEAR	R/W	CLEAR	R/W	CLEAR	R/W	CLEAR		
A	G	Y	R	R	R	R	R	R	R	R	R	R	Y	G
B	G	Y	R	R	R	R	R	R	R	R	R	R	G	Y
C	G	Y	R	R	R	R	R	R	R	R	R	R	R	Y
D	G	Y	R	R	R	R	R	R	R	R	R	R	R	Y
E	R	R	R	G	Y	R	R	R	R	R	R	R	R	R
F	R	R	R	G	Y	R	R	R	R	R	R	R	R	R
G	R	R	R	R	R	G	Y	R	R	R	R	R	R	R
H	R	R	R	R	R	G	Y	R	R	R	R	R	R	R
J	R	R	R	R	R	G	Y	R	R	R	R	R	R	R
L	R	R	R	R	R	G	Y	R	R	R	R	R	R	R
W-W	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW
X-X	W	FDW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW
Z-Z	W	FDW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW

- ① → Y IF φ4C NEXT
- ② R IF φ4C NEXT
- ③ → G IF φ4C NEXT

SIGNAL SEQUENCE CHART