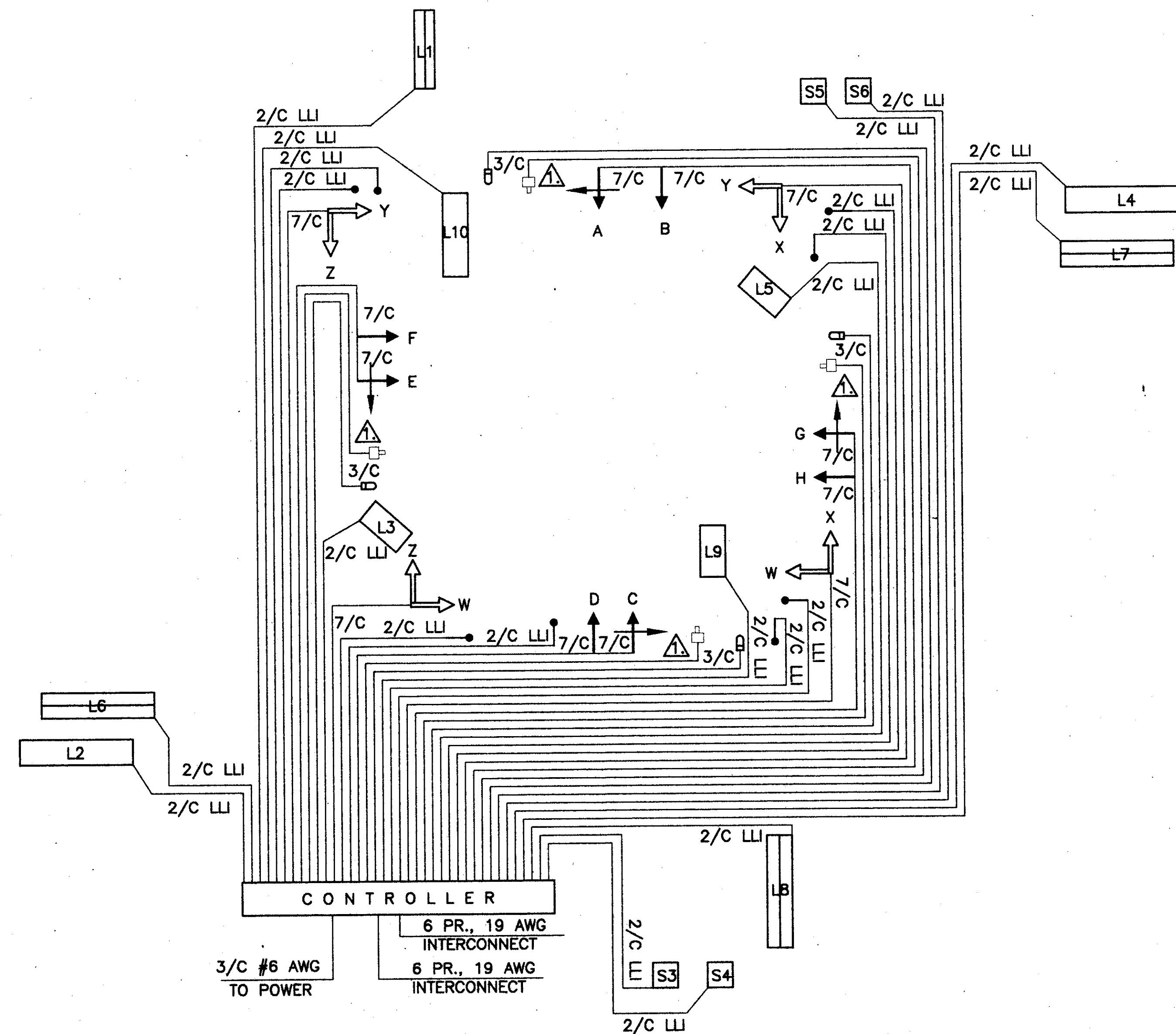


LOOP DETECTOR CHART

LOOP #	SIZE	# TURNS	MODE	DELAY	AMP #	PHASE
L1	1.8m X 7.6m	2-4-2	PRESENCE	2	1	CALL #1
L2	1.8m X 7.3m	2	PRESENCE	8	2	4
L3	1.8m X 3.0m	3	PRESENCE	8	3	4
L4	1.8m X 7.3m	2	PRESENCE	8	4	8
L5	1.8m X 7.3m	3	PRESENCE	8	5	8
L6	1.8m X 11.9m	2-4-2	PRESENCE	2	6	7
L7	1.8m X 11.9m	2-4-2	PRESENCE	2	7	3
L8	1.8m X 7.6m	2-4-2	PRESENCE	2	8	CALL #5
L9	1.8m X 5.0m	2	PRESENCE	0	9	EXTEND #5
L10	1.8m X 5.0m	2	PRESENCE	0	10	EXTEND #1
S3	1.8m X 1.8m	3	PRESENCE	0	11	SYSTEM
S4	1.8m X 1.8m	3	PRESENCE	0	12	SYSTEM
S5	1.8m X 1.8m	3	PRESENCE	0	13	SYSTEM
S6	1.8m X 1.8m	3	PRESENCE	0	14	SYSTEM

WIRING DIAGRAM



PREEMPT CHANNELS

CHANNEL 1 = #2 (EASTBOUND ONLY) CHANNEL 3 = #4 (NORTHBOUND ONLY)
 CHANNEL 2 = #2 (WESTBOUND ONLY) CHANNEL 4 = #4 (SOUTHBOUND ONLY)

PREEMPT NOTES:

1. ACTIVE WALK INDICATIONS SHALL IMMEDIATELY GO TO "DON'T WALK" UPON RECEIVING PREEMPTION SIGNAL.
2. IF PHASE ACTIVE CONFLICTS WITH PREEMPT PHASE CALLED, IT SHALL IMMEDIATELY TIME ITS YELLOW AND ALL RED CLEARANCES.
3. IF ACTIVE PHASE = THE PREEMPT PHASE, THEN THE PHASE SHALL HOLD FOR THE DURATION OF THE PREEMPT SIGNAL.
4. AFTER RELEASE FROM PREEMPT, YELLOW AND ALL RED CLEARANCE SHALL BE DISPLAYED AND RETURN PHASE SHALL BE #2.
5. IF PREEMPT PHASES = RETURN PHASE #2 THEN YELLOW AND ALL RED CLEARANCE AFTER PREEMPT SHALL NOT BE DISPLAYED.

NOTE:

ALL PUSHBUTTON(S) SHALL BE WIRED WITH 2 CONDUCTOR LOOP LEAD-IN CABLE (2/C LLJ). CONTRACTOR SHALL HOOK-UP THE DRAIN WIRE TO THE CONTROLLER GROUND.

SYMBOL

- = PREEMPT DETECTOR
- ⊞ = CONFIRMATION LIGHT
- △ = PREEMPT DETECTOR CABLE



CALCULATED
CHECKED

TRAFFIC CONTROL PLAN
ERIE STREET & RICHMOND ST. (S.R. 283) / LIBERTY ST.

LAKE COUNTY
LAK-20-22.916/VARIOUS