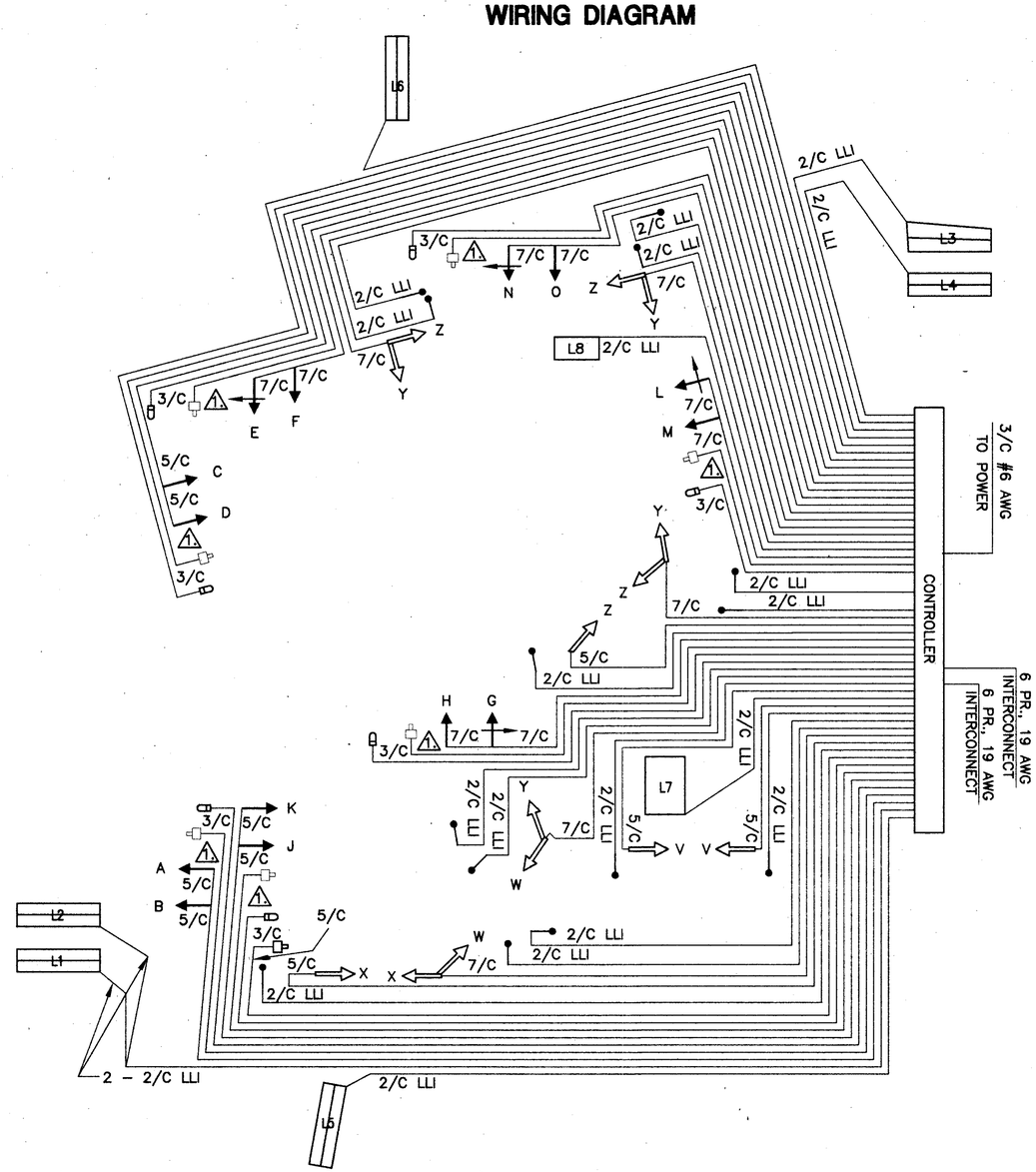
WIRING DIAGRAM



PREEMPT CHANNELS

CHANNEL 1 = ø2 (EASTBOUND ONLY)
CHANNEL 2 = ø2 (WESTBOUND ONLY)
CHANNEL 3 = ø4 (NORTHBOUND ONLY)
CHANNEL 4 = ø4 (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 ø2.
5. IF PREEMPT PHASES = RETURN PHASE ø2 THEN YELLOW AND ALL RED CLEARANCE AFTER PREEMPT SHALL NOT BE DISPLAYED.

NOTES:

ALL PUSHBUTTONS SHALL BE WIRED WITH 2 CONDUCTOR LOOP LEAD-IN CABLE (2/C LLI)
CONTRACTOR SHALL HOOK UP DRAIN WIRE TO CONTROLLER GROUND

SYMBOL

- = PREEMPT DETECTOR
- = CONFIRMATION LIGHT
- = PREEMPT DETECTOR CABLE

CALCULATED | CHECKED

TRAFFIC CONTROL PLAN
MENTOR AVE. (U.S. 20) & WOOD ST./WATSON ST.

LAKE COUNTY
LAK-20-22.916/VARIOUS