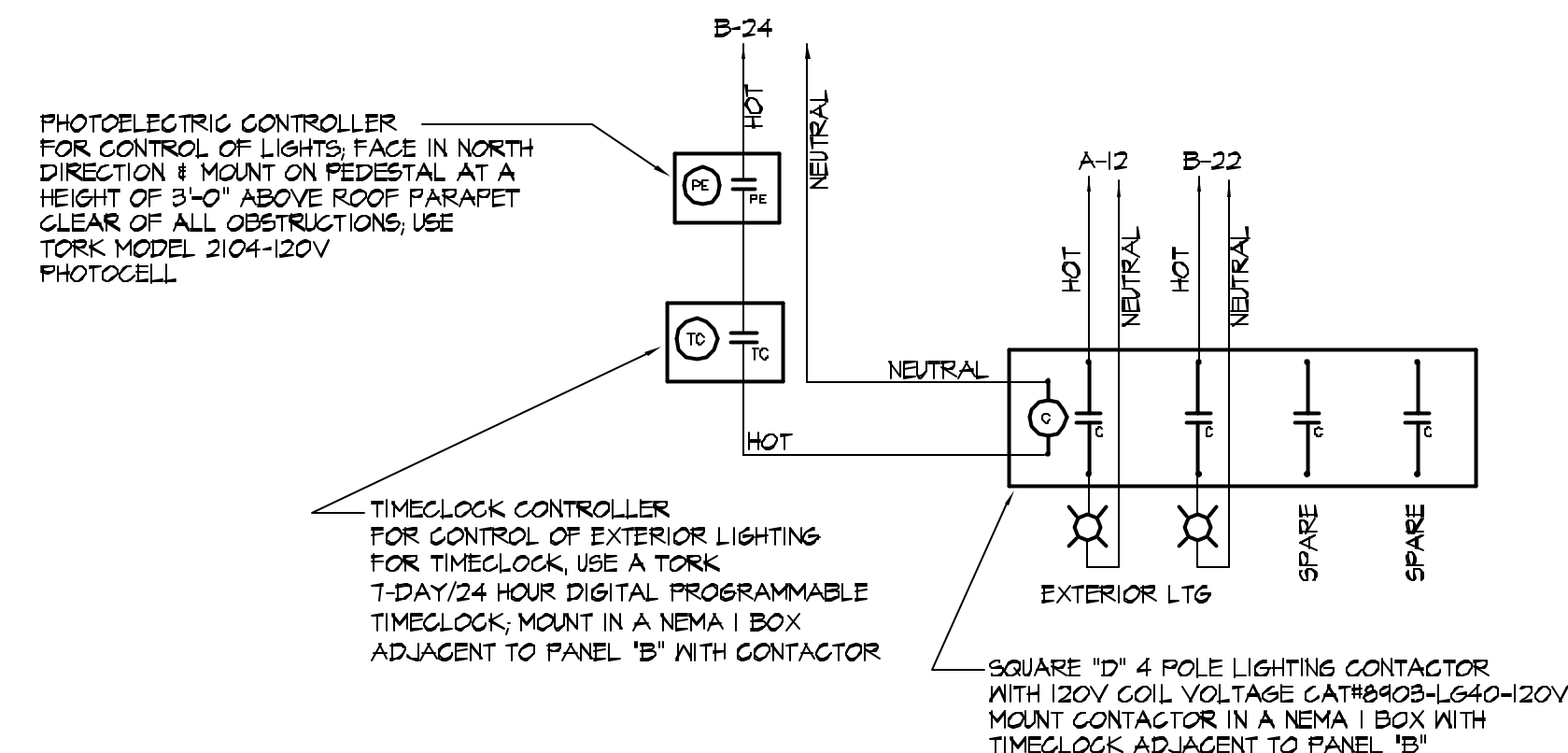


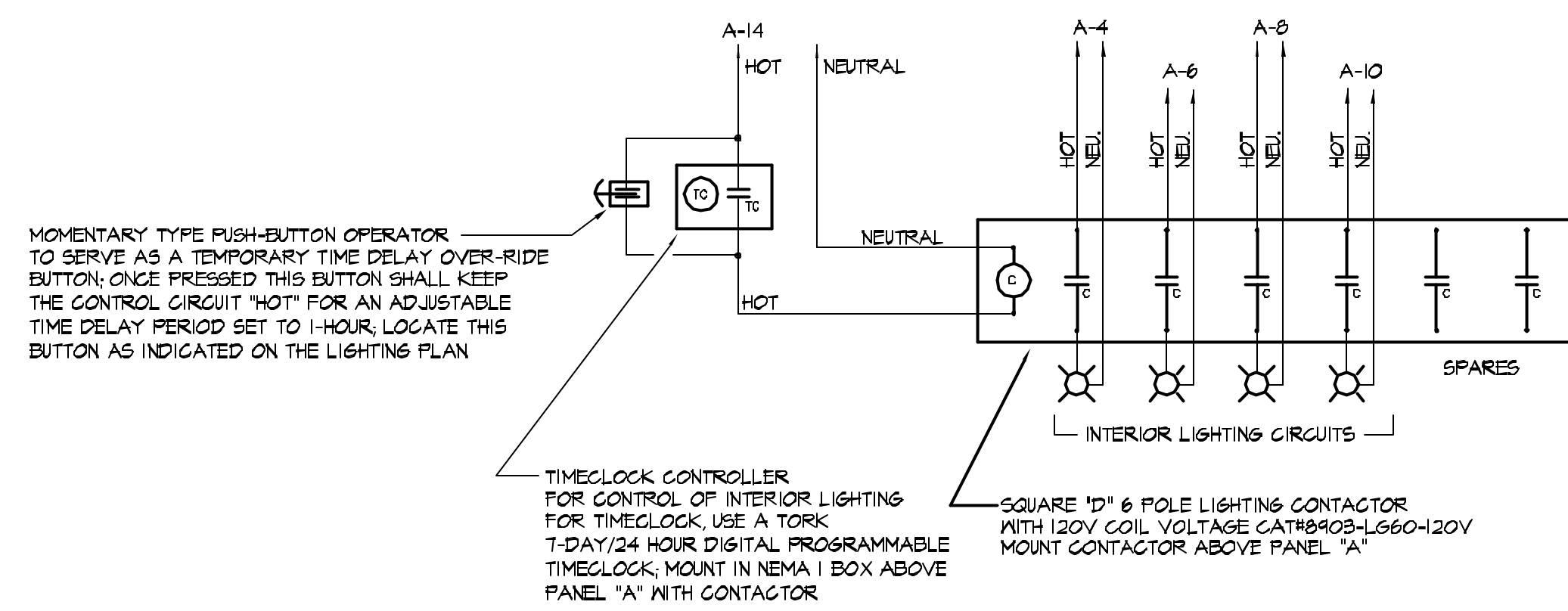
SEQUENCE OF OPERATIONS:
 THE TIMECLOCK SHALL BE PROGRAMMED TO TURN "OFF" ALL INTERIOR LIGHTING CIRCUITS DURING THE DESIGNATED "AFTER HOURS" TIMEFRAME. THE EC SHALL ALSO PROVIDE AND INSTALL ONE (1) OVER-RIDE BUTTON AS SHOWN TO ALLOW FOR ONE (1) ONE-HOUR OVER-RIDE. THE TIMECLOCK SHALL BE PROGRAMMED FOR "OFF" AT MIDNIGHT & BACK ON AT 6 AM THE NEXT DAY. ALL NITE LIGHTS AND EXIT LIGHTS ARE WIRED AHEAD OF THIS CONTROL CIRCUIT TO BE "ON" AT ALL TIMES FOR SECURITY AND EGRESS LIGHTING PURPOSES.

3 MAIN LEVEL INTERIOR LIGHTING ENERGY COMPLIANCE "AUTO-OFF" CONTROL SCHEMATIC
 E9 SCALE: N.T.S.



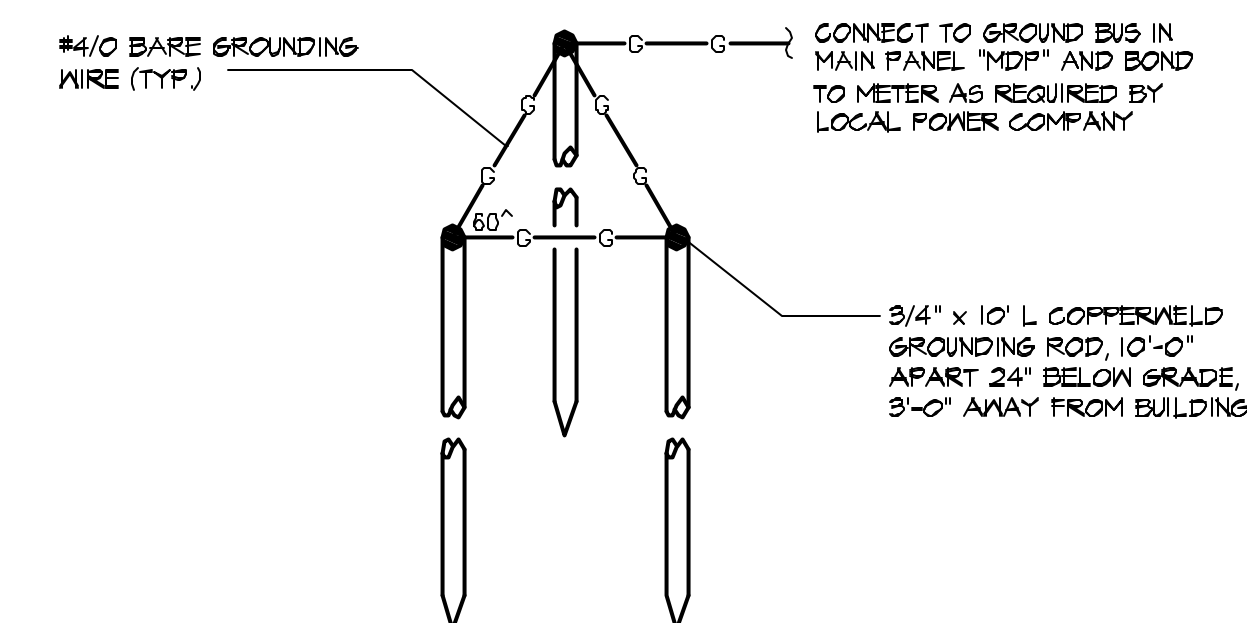
EXTERIOR LIGHTS SHALL BE PHOTOCELL "ON" AND TIMECLOCK "OFF" CONTROLLED. SET TIMECLOCK FOR "OFF" AT MIDNIGHT AND BACK "ON" AT 7 AM.

4 PHOTOCELL AND TIMECLOCK CONTROLLED EXTERIOR LIGHTING SCHEMATIC
 E9 SCALE: N.T.S.



SEQUENCE OF OPERATIONS:
 THE TIMECLOCK SHALL BE PROGRAMMED TO TURN "OFF" ALL INTERIOR LIGHTING CIRCUITS DURING THE DESIGNATED "AFTER HOURS" TIMEFRAME. THE EC SHALL ALSO PROVIDE AND INSTALL ONE (1) OVER-RIDE BUTTON AS SHOWN TO ALLOW FOR ONE (1) ONE-HOUR OVER-RIDE. THE TIMECLOCK SHALL BE PROGRAMMED FOR "OFF" AT MIDNIGHT & BACK ON AT 6 AM THE NEXT DAY. ALL NITE LIGHTS AND EXIT LIGHTS ARE WIRED AHEAD OF THIS CONTROL CIRCUIT TO BE "ON" AT ALL TIMES FOR SECURITY AND EGRESS LIGHTING PURPOSES.

2 BASEMENT LEVEL INTERIOR LIGHTING ENERGY COMPLIANCE "AUTO-OFF" CONTROL SCHEMATIC
 E9 SCALE: N.T.S.



- NOTE:**
1. AC SYSTEM GROUND SHALL MEET ALL APPLICABLE REQUIREMENTS OF NEC 250.
 2. METAL FRAME OF BUILDING, UNDERGROUND METAL PIPING AND METAL WATER PIPING SHALL BE BONDED TO AC SYSTEM GROUND AT WIREWAY PER NEC 250.
 3. EC SHALL ALSO BOND TO RE-BAR IN FOUNDATION/SLAB TO SERVE AS A UFER GROUND PER THE NEC.

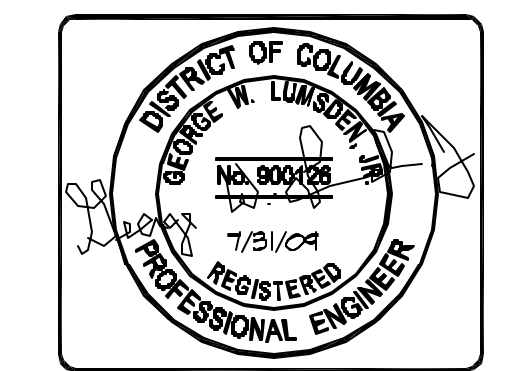
1 GROUNDING TRIAD DETAIL
 E9 SCALE: N.T.S.

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REVISIONS

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new facility for:
 washington
 seventh day
 baptist church
 CRITTENDEN @ 16TH, WASHINGTON, D.C.

project no. 2K70609	
dwn by: TC	chk by: GWL
date: JULY 31, 2009	
scale: AS SHOWN	
sheet no: E9	