

**GENERAL NOTES**

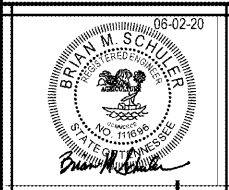
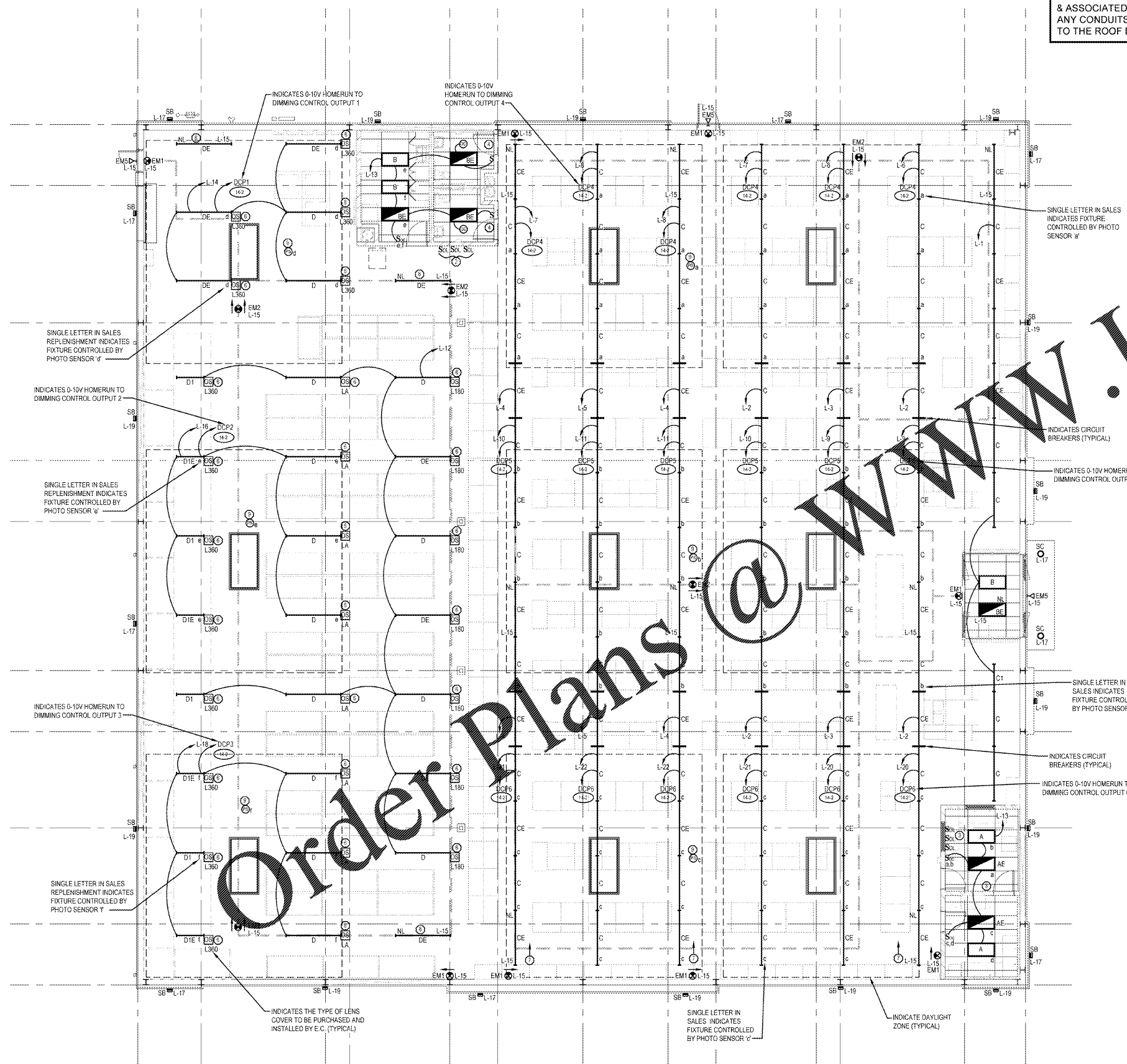
- A ALL SALES & SALES REPLENISHMENT AREA LIGHTING CIRCUITS SHALL BE 10-2 10-3
- B ALL NIGHT / EMERGENCY / EXIT LIGHTING CIRCUITS SHALL BE 6-2
- C ALL EXTERIOR LIGHTING CIRCUITS SHALL BE 6-2
- D EMERGENCY BALLASTS SHALL BE WIRED TO POWER (2) LAMPS PER FIXTURE. REWORK EMERGENCY BALLAST WIRING AS REQUIRED TO ILLUMINATE THE TWO LAMPS THAT OCCUR ABOVE THE MAIN EGRESS AISLES
- E FIXTURES LOCATED IN THE SALES REPLENISHMENT & RECEIVING AREA SHALL BE MOUNTED AS HIGH AS POSSIBLE. MAXIMUM 15' AFF TO THE BOTTOM OF THE JOISTS OR ON HANGSTRUT MOUNTED TO THE BOTTOM OF THE JOIST WHERE FIXTURE LOCATIONS DO NOT LINE UP WITH THE JOIST. IF JOISTS ARE HIGHER THAN 15'-0" AFF TO BOTTOM CHANGE TYPE 'D' FIXTURES TO TYPE 'C' FIXTURES & MOUNT FIXTURES AT 15'-0" AFF.
- F ELECTRICAL CONTRACTOR SHALL INSTALL ALL EMERGENCY BALLASTS IF SHIPPED SEPARATELY. COORDINATE WITH VENDOR.
- G FOR EMERGENCY FIXTURES AE, ATE, BE, CE, C1E, D1E & D1E NOT SHOWN AS NIGHT LIGHTS, RUN AN EXTRA HOT CONDUCTOR (BYPASSING ALL CONTROL) AND CONNECT TO EMERGENCY BALLAST. FIXTURES SHALL BE SHUT OFF WITH LOCAL LIGHT FIXTURE CONTROL.

**LIGHTING PLAN NOTES**

- 01 LIGHT FIXTURES WITH NO LETTER DESIGNATION ARE EXISTING. REWORK TO 4" LAMP TB SYSTEM AS REQUIRED.
- 02 DIGITAL DIMMING SWITCH WIRED TO DCP FOR MANUAL DIMMING OF SALES REPLENISHMENT LIGHTING TO MANUALLY DIM DCP1, DCP2, AND DCP3 SWITCHES ARE PROVIDED BY ELECTRICAL CONTRACTOR. 0-10V DIGITAL SWITCH EATON #SF10P-W.
- 03 DIGITAL DIMMING SWITCHES WIRED TO DCP FOR MANUAL DIMMING OF SALES FLOOR LIGHTING. PROVIDE (3) SWITCHES. PROGRAM TO DIM SALES AREA FIXTURES (1) TO MANUALLY DIM DCP4 ZONE, (1) TO MANUALLY DIM DCP5 ZONE, AND (1) TO MANUALLY DIM DCP6 ZONE. SWITCHES ARE PROVIDED BY ELECTRICAL CONTRACTOR. 0-10V DIGITAL SWITCH EATON #SF10P-W.
- 04 MOUNT SWITCH 12" AFF.
- 05 WIRE IN RISES.
- 06 SENSE IN RISE OCCUPANCY SENSOR. PROVIDED WIRED AND INSTALLED TO FIXTURE BY E.C. MASK SENSOR SO THAT THE AREA OF DETECTION DOES NOT EXCEED AISLE OR AISLEWAY BOUNDARIES THAT FIXTURE IS LOCATED IN.
- 07 FIXTURES MOUNTED IN CONTINUOUS ROWS WITH A NIGHT LIGHT LOCATED IN THE RUN SHALL BE CONNECTED TO BRANCH CIRCUIT WIRING VIA A VERTICAL DROP FROM THE CEILING AT A MINIMUM OF 1" FOR EACH NIGHT LIGHT CIRCUIT AND 1" ON EITHER SIDE OF THE NIGHT LIGHT.
- 08 FIXTURE TYPE 'D' OR 'DE' LABELED AS 'NL' DO NOT RECEIVE OCCUPANCY SENSORS.
- 09 PHOTO SENSOR PROVIDED WIRED AND INSTALLED BY EMS VENDOR IN DAYLIGHT ZONES.
- 10 ELECTRICAL CONTRACTOR SHALL PROVIDE AN ALTERNATE PRICE FOR PROVIDING AIRCRAFT CABLE MOUNT INSTEAD OF CHAIN MOUNT FOR FIXTURES C, C1, CE, AND C1E. PROVIDE LONGITUDINAL AND LATERAL SUPPORT CABLES FOR FIXTURES INSTEAD OF ANTI-SWAY SUPPORTS MOUNTED AT 45° ANGLES. ANCHOR CABLES IN WALL WITH EYE-BOLTS. CONNECT CABLE WITH GRIP-LOCK SYSTEM CLAMPS.

FIXTURES LOCATED IN THE SALES AREA (C, C1, CE, C1E) HAVE A 7 WIRE HARNESS AND THRU PIN CONNECTORS TO UTILIZE FOR BRANCH CIRCUIT WIRING THROUGH THE FIXTURES MOUNTED IN CONTINUOUS ROWS.

SURFACE OR PENDANT MOUNTED LIGHT FIXTURES & ASSOCIATED MOUNTING HARDWARE AS WELL AS ANY CONDUITS SHALL NOT BE DIRECTLY MOUNTED TO THE ROOF DECK.



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**HARBOR FREIGHT TOOLS**

705 WYATT ROAD NORTHWEST CLEVELAND, TN 37312

DO NOT SCALE THESE DRAWINGS

REVISIONS	
#	DATE
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**LIGHTING PLAN**

DATE 06/02/20  
 JOB NO. 19155  
**E1.1**  
 SHEET NO.

**LIGHTING PLAN**  
 SCALE 1/8" = 1'-0"

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