

ELECTRIC CURRENT LIMITER SCHEDULE						
PROVIDE CURRENT LIMITER PANEL(S) CONTAINING CURRENT LIMITERS AS SPECIFIED IN THIS SCHEDULE. ROUTE CIRCUITS NOTED IN THIS SCHEDULE THROUGH CURRENT LIMITER AHEAD OF ANY TRACK LIGHTING. PROVIDE PANEL BY MANUFACTURER AS NOTED. WHERE MULTIPLE MANUFACTURERS ARE CALLED OUT, PROVIDE MULTIPLE PANELS. PROVIDE MINIMUM NUMBER OF POLES ALLOWED BY MANUFACTURER TO CONTAIN ALL CURRENT LIMITERS CALLED OUT IN THIS SCHEDULE. PROVIDE MULTIPLE PANELS WHERE THERE ARE MORE CURRENT LIMITERS IN THIS SCHEDULE THAN THE MAXIMUM POLE SIZE ALLOWED BY THE...						
Voltage	Panel	Fed From	Circuit	Connected Load	Current Limiter Rating	ELECTRICAL CURRENT LIMITER MANUFACTURER
120 V	A	6	6	8.40 A	12.0 A	PERIMETER TRACK LIGHTING SALES AREA 100
120 V	A	7	7	8.40 A	12.0 A	PERIMETER TRACK LIGHTING SALES AREA 100
120 V	A	8	8	8.58 A	12.0 A	DISPLAY TRACK LIGHTING SALES AREA 100
120 V	A	9	9	2.10 A	3.0 A	STOREFRONT TRACK LIGHTING

ELECTRIC CONTACTOR SCHEDULE					
NOTES: 1) PROVIDE A MINIMUM OF (2) SPARE CONTACTS IN EACH CONTACTOR UNLESS NOTED OTHERWISE. 2) REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION. 3) CONTACTOR DESIGNATIONS DO NOT INDICATE QUANTITY OF CONTACTORS, THEY INDICATE CONTACTOR GROUPING(S) AND COMMON CONTROL METHODS ONLY. PROVIDE QUANTITY OF CONTACTOR(S) NEEDED TO...					
CONTROL ZONE DESCRIPTION & CONTACTOR CONTROL METHOD					
C1 - SIGNAGE					
C2 - SALES FLOOR GENERAL LIGHTING					
C3 - SALES FLOOR DISPLAY LIGHTING					
C4 - SALES FLOOR LIGHT BOXES					
SUPPLY	CIRCUIT NUMBER	NUMBER OF POLES	CONTACT CURRENT	LOAD NAME	
C1	A	9	2 A	STOREFRONT TRACK LIGHTING	
A	27	1	2 A	NEON SIGN RECEPTACLE SALES AREA 100	
A	28	1	3 A	STOREFRONT RECEPTACLE	
A	1	1	10 A	NON-CONTINUOUS	
C2	A	4	5 A	SALES GENERAL LIGHTING SALES AREA 100	
A	2	1	5 A	SALES GENERAL LIGHTING SALES AREA 100	
C3	A	6	8 A	PERIMETER TRACK LIGHTING SALES AREA 100	
A	7	1	8 A	PERIMETER TRACK LIGHTING SALES AREA 100	
A	12	1	0 A	LIGHTING SALES AREA 100	
C4	A	14	9 A	WALL BOX RECEPTACLE SALES AREA 100	
A	15	1	9 A	WALL BOX RECEPTACLE SALES AREA 100	

FIELD VERIFY ALL CONDITIONS

DESIGN DRAWINGS ARE SCHEMATIC. THIS CONTRACTOR SHALL VISIT THE SITE PRIOR TO BIDDING OR AWARD OF CONTRACT TO INSPECT EXISTING FIELD CONDITIONS. THIS CONTRACT SHALL INCLUDE ALL LABOR AND MATERIALS NECESSARY FOR FIELD MODIFICATIONS DUE TO EXISTING CONDITIONS.

THE CONTRACTOR SHALL CONTACT THE ARCHITECT, ENGINEER OR OWNER PRIOR TO BIDDING FOR INTERPRETATIONS AND CLARIFICATIONS OF THE DESIGN AND INCLUDE IN HIS BID ALL COSTS TO MEET THE DESIGN INTENT. CLARIFICATIONS MADE BY THE ARCHITECT, ENGINEER OR OWNER AFTER BIDDING WILL BE FINAL AND SHALL BE IMPLEMENTED AT CONTRACTORS COST.

BIDDING CONTRACTORS SHALL HAVE A WORKING KNOWLEDGE OF LOCAL CODES AND ORDINANCES AND SHALL INCLUDE IN THEIR BIDS THE COSTS FOR ALL WORK INSTALLED IN STRICT ACCORDANCE WITH GOVERNING CODES, THE PLANS AND SPECIFICATIONS NOT WITHSTANDING. THE CONTRACTOR SHALL ALERT ARCHITECT, ENGINEER OR OWNER OF ANY APPARENT DISCREPANCIES BETWEEN GOVERNING CODES AND DESIGN INTENT.

KEYED NOTES

L02 CONNECT TRACK LIGHTING CIRCUIT THROUGH CURRENT LIMITING PANEL. REFER TO CURRENT LIMITING SCHEDULE ON THIS SHEET FOR MORE INFORMATION.

L03 MASTER LIGHTING SWITCHBANK. REFER TO DETAILS AND SCHEDULES ON SHEET E1.1 FOR ADDITIONAL INFORMATION.

L04 PROVIDE CEILING MOUNTED OCCUPANCY SENSOR. SET TIME DELAY OFF TO 15 MINUTES. PROVIDE WITH DUAL RELAY POWER PACK FOR SIMULTANEOUS CONTROL OF STORAGE AREA LIGHTING CIRCUITS. WIRE SENSORS SO THAT WHEN ANY SINGLE SENSOR DETECTS MOVEMENT, ALL LIGHTS IN THIS ROOM TURN ON.

L05 PROVIDE WALL MOUNTED OCCUPANCY SENSOR SWITCH. SET SWITCH TO MANUAL ON/AUTOMATIC OFF. SET TIME DELAY OFF TO 5 MINUTES.

GENERAL LIGHTING PLAN NOTES

A. CONNECT ALL EXIT LIGHTING AHEAD OF ANY SWITCHING, AND PROVIDE ALL RELATED ELECTRICAL WORK COMPLIANT WITH ALL PREVALING CODES.

B. CONNECT ALL INDOOR EGRESS LIGHTING (DESIGNATED "ELY" AHEAD OF ANY SWITCHING) TO THE MAIN ELECTRICAL PANEL. PROVIDE UL 924 LISTED BATTERY AND/OR RELAY-CONTROL DEVICES AS APPLICABLE, WHICH AUTOMATICALLY REVERT TO FULL ILLUMINATION FOR THE AFFECTED LUMINAIRES IN THE EVENT OF LOSS OF POWER FROM THE NORMAL POWER SUPPLY CIRCUIT. PROVIDE UNSWITCHED "HOT" TO SUCH COMPONENTS, TO PROVIDE CONTINUOUS POWER EVEN IF LUMINAIRE IS TURNED OFF USING NORMAL LIGHTING CONTROLS. PROVIDE ALL RELATED ELECTRICAL WORK COMPLIANT WITH ALL PREVALING CODES.

C. CIRCUIT LIGHTING AS SHOWN ON PLANS. PROVIDE THROUGH-WIRING METHODS WHEREVER POSSIBLE. MULTIPLE CONNECTIONS AT A SINGLE LUMINAIRE IS ACCEPTABLE IF REQUIRED TO MITIGATE VOLTAGE DROP OR TO ACCOMMODATE FIELD CONDITIONS. PROVIDE LUMINAIRES MANUFACTURED AND LISTED FOR THROUGH-WIRING. COSTS ASSOCIATED WITH THROUGH-WIRING SHALL BE INCLUDED IN BIDS. PROVIDE THROUGH-WIRING METHODS WHEREVER POSSIBLE. MULTIPLE CONNECTIONS AT A SINGLE LUMINAIRE IS ACCEPTABLE IF REQUIRED TO MITIGATE VOLTAGE DROP OR TO ACCOMMODATE FIELD CONDITIONS. PROVIDE LUMINAIRES MANUFACTURED AND LISTED FOR THROUGH-WIRING. COSTS ASSOCIATED WITH THROUGH-WIRING SHALL BE INCLUDED IN BIDS.

D. SEPARATE DEVICE BOXES BY A MINIMUM OF 6 INCHES WHERE INSTALLED BACK-TO-BACK WITHIN DEMISING WALLS TO MAINTAIN REQUIRED FIRE AND SOUND RATING (TYPICAL OF ALL DEVICE BOXES INSTALLED ON DEMISING WALLS). ADDITIONALLY, PROVIDE LISTED FIRE-RATED WRAPS AROUND ALL RECESSED OUTLET, DEVICE AND EQUIPMENT BOXES IN FIRE-SMOKE RATED WALLS, CEILINGS AND FLOORS TO MEET OR EXCEED THE RESPECTIVE FIRE-SMOKE RATING OF THE SURFACE.

E. SEAL ALL PENETRATIONS THROUGH FIRE-RATED AND/OR SMOKE-RATED MEMBRANES (FLOORS, WALLS, CEILINGS, ETC.) USING SEALANT PRODUCT THAT MEET OR EXCEED THE RATING OF THE RESPECTIVE MEMBRANE.

F. INSTALL SWITCHES AND/OR RECEPTACLES GANGED WHEREVER POSSIBLE FOR INSTANCES WHERE THEY ARE SHOWN TOGETHER. THIS INCLUDES LOCATIONS ABOVE COUNTERS AND WORK SURFACES WHERE APPLICABLE.

G. INSTALL WALL-MOUNTED SWITCHES, CONTROLS, RECEPTACLES, ETC. AT LEAST 6 INCHES FROM WALL CORNERS.

H. CONCEAL ALL CONDUIT DROPS AND RISES WITHIN WALLS AND PROVIDE FLUSH MOUNTED WALL OUTLET BOXES UNLESS OTHERWISE NOTED.

I. REVIEW DOCUMENTS OF OTHER TRADES INCLUDING RECEPTACLE TYPES, PRIOR TO SUBMITTING A BID. PROVIDE ELECTRICAL WORK FOR EQUIPMENT, RECEPTACLES, ETC. OF OTHER TRADES AS REQUIRED TO PROVIDE THEM FULLY OPERATIONAL.

J. CIRCUITING AS SHOWN ON DRAWINGS IS A SCHEMATIC GENERAL GRAPHIC REPRESENTATION ONLY. DETERMINE LOCATIONS (POINT-TO-POINT ROUTING, WIRE RUN LOCATIONS, METHOD OF CONCEALMENT, ETC.), REFER TO ARCHITECTURAL ELEVATIONS FOR INTERFERENCE LOCATIONS AND CONFLICTING WITH RELATED ROUGH-IN WORK, ETC. PRIOR TO COMMENCING WITH ELECTRICAL EQUIPMENT AND OUTLET, ETC.

K. ALL ELECTRICAL CIRCUITS REQUIRE A DEDICATED NEUTRAL - NO SHARED NEUTRALS.

L. SOME FIXTURES MAY REQUIRE ASSEMBLY. E.C. IS RESPONSIBLE TO ENSURE THE ADJUSTABILITY OF ALL ELECTRICAL FIXTURES AFTER INSTALLATION AND SHALL ADVISE THE ARCHITECTURE PRIOR TO INSTALLATION. IF THE CEILING SYSTEMS ARE RECESSED, E.C. SHALL CLOSELY COORDINATE RECESSED SYSTEMS RECOMMENDATIONS WITH OWNER AND SUPPLIER TO MAINTAIN THE FIRE RATING OF THE CEILING.

M. DISCONNECT AND DISCARD ALL EXISTING ELECTRICAL EQUIPMENT AND WIRING.

N. ALL WIRING DEVICES (RECEPTACLES, SWITCHES, ETC.) AND COVERPLATES SHALL BE WHITE, NO EXCEPTIONS.

O. REFER TO UNDERSTAND AND COORDINATE ALL SIGNAGE REQUIREMENTS WITH OWNER AS IT RELATES TO POWER, PLACEMENT, AND ANY OTHER PERTINENT INFORMATION. IF POWERED SIGN IS TO BE INSTALLED, CIRCUIT TO SPARE IN PANEL. PROVIDE AND WIRE THRU TIMELOCK PER N.E.C. AND LANDLORD REQUIREMENTS.

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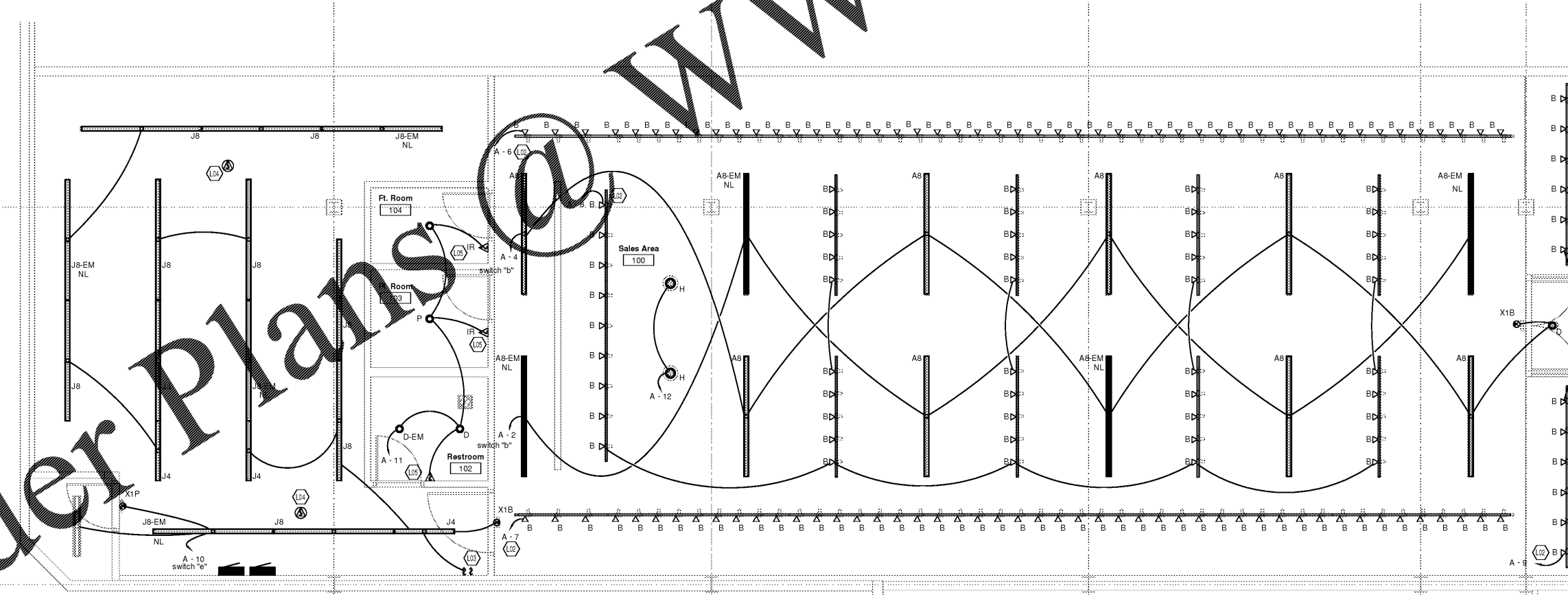
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ELECTRIC LIGHTING PLAN	
DRAWN BY	LAH
CHECKED BY	LGF
JOB NUMBER	19811
SHEET NAME	E2.1



Order Plans

1 ELECTRIC LIGHTING PLAN
1/4" = 1'-0"

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