

DOLLAR TREE ELECTRIC LUMINAIRE SCHEDULE

TYPE	DESCRIPTION	VOLTAGE	LOAD	LAMP QTY	LAMP BASE	HOUSING / MOUNTING	COMMENTS
F8	8'-0" STRIP LIGHT						
F8-EMB	8'-0" STRIP LIGHT EMERGENCY LIGHT WITH INTEGRAL BATTERY	120 V	36 VA	(2) 18W LED	FURNISHED W/ FIXTURE	CEILING/SURFACE	EMERGENCY LIGHT LUMEN LEVEL IS 1200. PROVIDE WITH 90 MINUTE BATTERY BACK-UP.
W	EMERGENCY LIGHT	120 V	3 VA	(2) ADJUSTABLE HEADS WITH (2) LEDR-16 MR LAMPS EACH. 3.5 VA TOTAL	FURNISHED W/ FIXTURE	WALL OR CEILING SURFACE	EMERGENCY LIGHT WITH 90 MINUTE REMOTE BATTERY. MOUNT BATTERY INSIDE.
X	EXIT LIGHT SINGLE OR DOUBLE FACE	120 V	3 VA	LED LAMP ARRAY FURNISHED W/ FIXTURE. 3 VA	FURNISHED W/ FIXTURE	CEILING	L.E.D. SINGLE/DOUBLE FACE EXIT SIGN W/EMERG. BAT.

ENERGY MANAGEMENT SYSTEM (EMS) SCHEDULE

NOTES:

1) PROVIDE A MINIMUM 10% SPARE RELAY OR DIMMER (OR BOTH IF LCP CONTAINS BOTH) CAPACITY PER LIGHTING CONTROL PANEL WITH NO LESS THAN 1 SPARE RELAY AND/OR DIMMER SPACE.
2) THIS SCHEDULE IS INTENDED ONLY TO CONVEY MINIMUM QUANTITIES OF LIGHTING CONTROL PANELS AND POLE SPACE WITHIN THOSE PANELS. PROVIDE ADDITIONAL PANELS AND/OR POLE SPACE AS REQUIRED BY CHOSEN LIGHTING CONTROL SYSTEM MANUFACTURER FOR THE QUANTITY OF CONTROLLED CIRCUITS/ZONES SHOWN IN THIS SCHEDULE.
3) PROVIDE NORMALLY OPEN RELAYS UNLESS OTHERWISE NOTED.

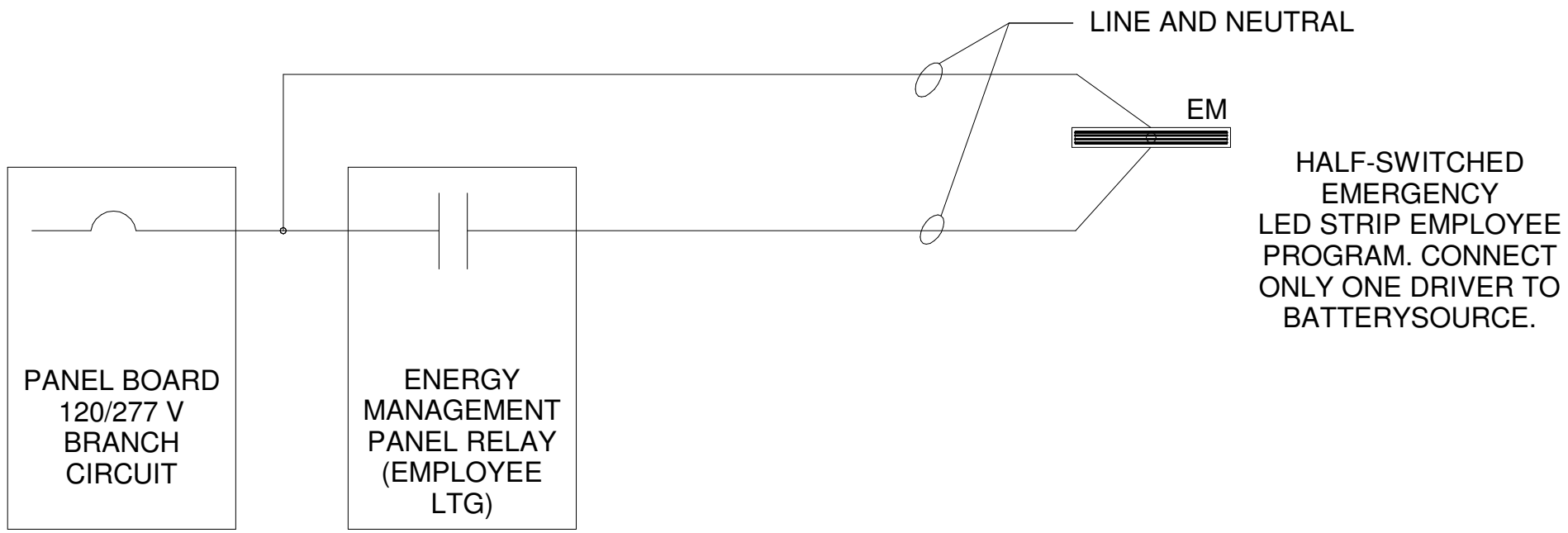
LIGHTING CONTROL ZONING SCHEDULE:

(EMPLOYEE) - EMPLOYEE WORK LIGHTING
(CUSTOMER) - CUSTOMER LIGHTING
(SIGNAGE) - SIGN AND SITE LIGHTING

SUPPLY	CIRCUIT NUMBER	NUMBER OF POLES	CURRENT	LOAD NAME
CUSTOMER				
LP1	1	1	5 A	(#) LTG 102.101A
LP1	5	1	5 A	(#) LTG SALES 101A
LP1	9	1	5 A	(#) LTG 101A.101B
LP1	13	1	2 A	(#) LTG SALES 101B
EMPLOYEE				
LP1	3	1	5 A	(#) LTG SALES 101A
LP1	7	1	5 A	(#) LTG SALES 101A
LP1	11	1	5 A	(#) LTG SALES 101B
LP1	15	1	2 A	(#) LTG SALES 101B
EXTERIOR				
LP1	23	1	10 A	(#) SIGNAGE

LIGHTING DEVICE SCHEDULE

FAMILY AND TYPE	SWITCH TAG	COMMENTS
Lighting Switches: Switch	a	MOMENTARY SWITCH. CONFIGURE LIGHTING IN THIS AREA TO BE MANUAL ON AND AUTO OFF.
Occ Sensor - Wall: Switched	b	CONFIGURE LIGHTING TO BE AUTO ON AND AUTO OFF. REFER TO DETAIL NUMBER 5 ON SHEET E201 FOR OCCUPANCY SENSOR. SET TIME DELAY TO 5 MINUTES.
Occ Sensor - Ceiling: Occ Sensor - Ceiling	c	DUAL TECHNOLOGY OCCUPANCY SENSOR. MOUNT AT SAME HEIGHT AS LUMINAIRES IN THIS ROOM. SET TIME DELAY TO 20 MINUTES.
Lighting Switches: Switch	EMS	ENERGY MANAGEMENT SYSTEM LOW VOLTAGE CONTROL STATION



2 EMERGENCY LIGHTING SCHEMATIC DIAGRAM
SCALE: NONE

LIGHT FIXTURE SCHEDULE
GENERAL NOTES

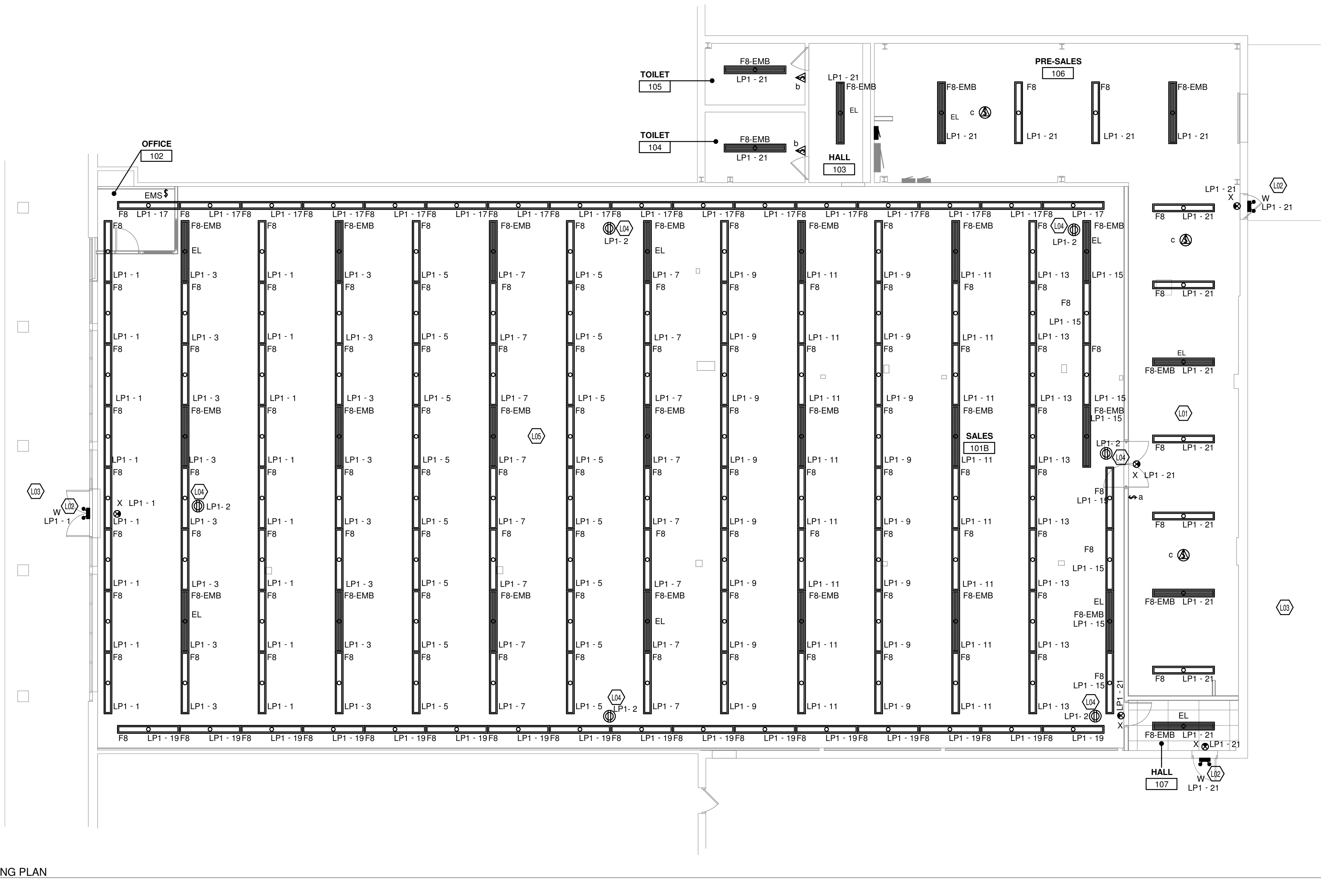
- DESIGNATED FIXTURE SHALL HAVE LED LAMPS 48" LED T8 LAMPS WITH 4 WIRE HARNESS AND DISCONNECT.
- CUT INSULATION (WHEN BATTERY TYPE IS USED) OR PROVIDE SHIELD AROUND FIXTURE (WHEN BLOWN-IN IS USED) TO KEEP INSULATION A MINIMUM OF 3" AWAY FROM RECESSED FIXTURE. ATTACH FIXTURE TO T-BAR PER NEC 410.36 WHERE APPLICABLE. PROVIDE "CADDY" CLIP #C40-DS WHERE REQUIRED BY LOCAL AUTHORITY AND SEISMIC INSTALLATION REQUIREMENTS.
- FIXTURE PROVIDED WITH DUAL VOLTAGE 120/277V POWER SUPPLY. VERIFY VOLTAGE FOR EACH FIXTURE LOCATION. LIGHT FIXTURES DENOTED BY "NL" SHALL REMAIN ON DURING NON-BUSINESSWORKING HOURS.
- WITH NO FINISHED CEILING, LIGHT FIXTURES IN THE SALES AREA SHALL BE SUSPENDED @ 12'-0" AFF AND LIGHT FIXTURES IN THE STOCKROOM AREA SHALL BE SUSPENDED @ 10'-0" AFF. EXTERIOR FIXTURES SHALL BE SUITABLE FOR WET/DAMP LOCATION AND COLD WEATHER OPERATION.
- LIGHT FIXTURES ARE TO BE PROVIDED BY DOLLAR TREE VENDOR UNLESS OTHERWISE NOTED.

LIGHTING GENERAL NOTES

- LIGHTING CIRCUIT HOMERUNS SHALL BE RUN IN A COMMON CONDUIT TO THE EMS PANEL. PROVIDE APPROPRIATELY SIZED CONDUIT AND JUNCTION BOXES. PROVIDE DEDICATED NEUTRAL FOR EACH LIGHTING CIRCUIT. PROVIDE HANDLE TIES IN ACCORDANCE WITH NEC 210.45. ALL LIGHTING CIRCUITS SHALL BE ROUTED THROUGH THE LIGHTING CONTROL PANEL AS SHOWN.
- EXIT FIXTURES SHALL BE INSTALLED AND CIRCUITED PER LOCAL AND LATEST NATIONAL ELECTRICAL CODES. ALL EMERGENCY AND EXIT FIXTURES SHALL BE DUAL-VOLTAGE (120/277 VOLT INPUT). CONNECT TO THE LINE SIDE OF LOCAL SWITCHING AND CONTACTOR OR CONNECT TO DESIGNATED NIGHT LIGHT CIRCUIT. IN STOCKROOM INSTALL WALL MOUNTED TYPE ON WALL CENTERED 110" ABOVE THE DOOR OPENING. IN SALES AREA, MOUNT ON CEILING 110" FROM THE WALL.
- "EMB" EMERGENCY LIGHTING: FIXTURE EQUIPPED WITH 90 MINUTE INTEGRAL BATTERY. CONNECT TO BOTH SWITCHED AND UNSWITCHED HOT UNLESS INDICATED AS NL.
- MAKE ALL FINAL CONNECTIONS AS REQUIRED FOR A FULLY COMPLETE AND OPERABLE SYSTEM.

KEYED NOTES

- CONTRACTOR SHALL SUSPEND LIGHTING IN THIS AREA FROM THE BOTTOM OF EXISTING STRUCTURE. SUSPEND LIGHTING AT 9'-0" CLEAR AFF. PROVIDE MATERIALS AS REQUIRED.
- MOUNT EMERGENCY FIXTURE ABOVE DOOR 10'-0" A.F.F. OR SURFACE MOUNTED TO CANOPY (WHERE APPLICABLE). COORDINATE WITH EXISTING CONDITIONS AWNINGS AND/OR SIGNAGE. LOCATE REMOTE BATTERY INSIDE ON CEILING.
- EXTERIOR LIGHTING TO REMAIN. VERIFY IF EXISTING LIGHTING IS CONNECTED TO TENANT PANEL OR LANDLORD PANEL. IF CONNECTED TO TENANT PANEL, RE-ROUTE EXISTING EXTERIOR LIGHTING THROUGH NEW EMS FOR CONTROLS.
- DUPLEX OUTLET SURFACE MOUNTED FROM BOTTOM OF EXISTING STRUCTURE. COORDINATE LOCATIONS WITH TENANT PRIOR TO ROUGH-IN.
- CONTRACTOR SHALL SUSPEND LIGHTING IN THIS AREA FROM THE BOTTOM OF EXISTING STRUCTURE. SUSPEND LIGHTING AT 9'-0" CLEAR AFF.



1 ELECTRIC LIGHTING PLAN
1/8" = 1'-0"

KLH

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description

by

mark

revisions

06/15/2022

2022.27 / D13216

KLH

RHK

LGF

date

project

designed

drawn

checked



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ELECTRIC LIGHTING PLAN

project

drawing

sheet

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KLH PROJECT

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