

ISSUE BLOCK	
DATE	CB #1
11/11/19	

PROPERTY NO.: 160013
 6 DIGIT NO.: 902556
 4 DIGIT NO.: 014W
 AOR PROJECT NUMBER: 1955827
 TO PERMIT: DATE: 7-30-2019
 TO BID: DATE: ##-##-##

SHEET TITLE:
LIGHTING PLAN

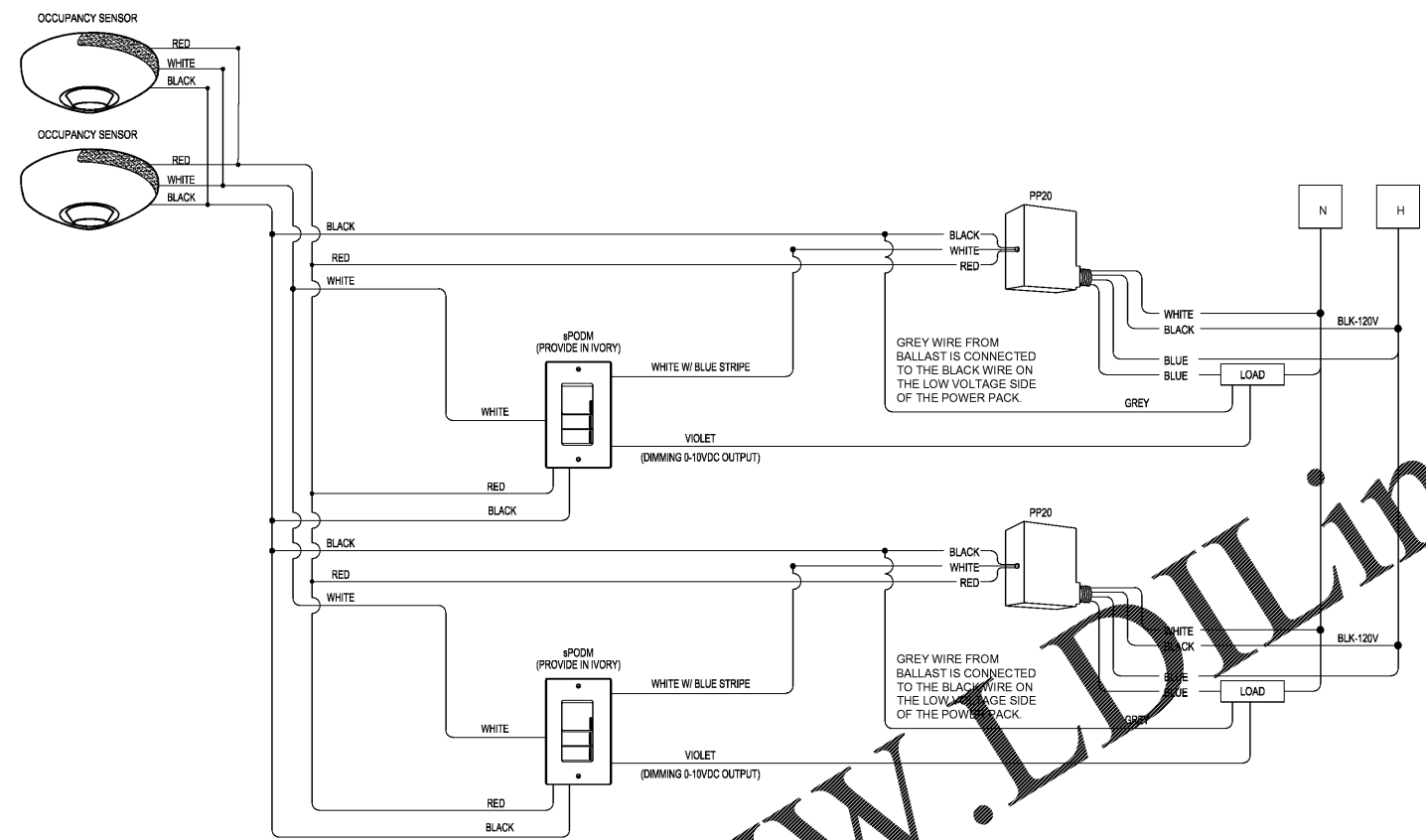
SHEET NUMBER:
E1

LIGHTING PLAN GENERAL NOTES

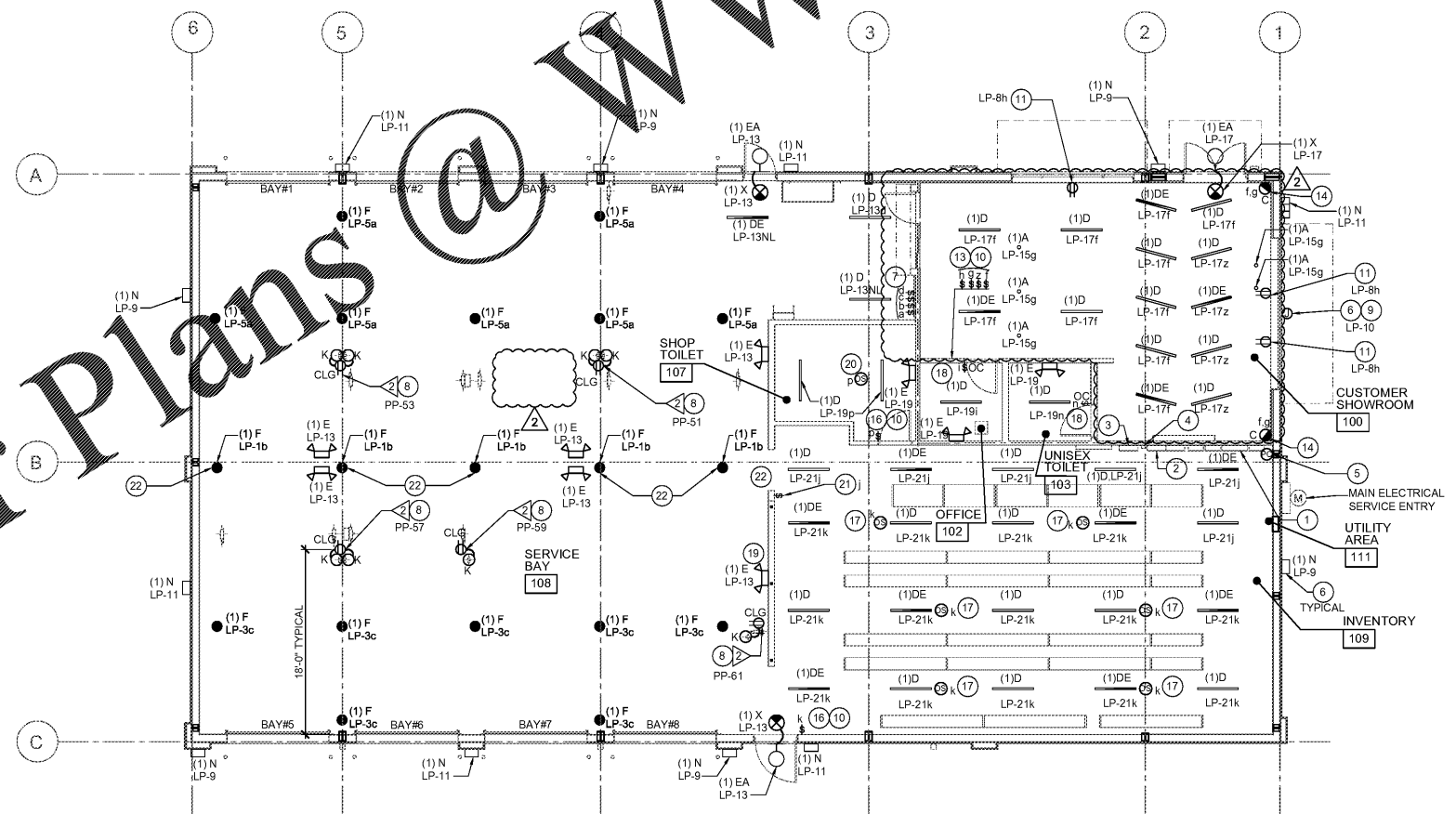
- ALL BATTERY EMERGENCY LIGHTING UNITS SHALL BE WIRED AHEAD OF THE SWITCHES WHICH CONTROLS THE LIGHTING UNIT IS LOCATED. THE UNIT SHALL OPERATE WHEN NORMAL LIGHTING FAILS.
- SEE 'ARCHITECTURAL REFLECTOR CEILING PLAN' FOR ALL LIGHTING FIXTURES LOCATION DIMENSIONS.
- SEE 'FIXTURE PLANT' SHEET FOR ALL EQUIPMENT LOCATIONS AND QUANTITIES.
- ALL WIRING SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE 'NEC' AND ALL APPLICABLE CODES AND AUTHORITIES HAVING JURISDICTION. FOR ROUTING OF ALL CONDUITS SEE NOTE 15 IN THE 'GENERAL ELECTRICAL NOTES' ON SHEET E3.
- FOR MOUNTING HEIGHTS OF ALL LIGHT FIXTURE TYPES SEE 'LIGHT FIXTURE SCHEDULE' ON SHEET E3, UNLESS NOTED OTHERWISE.

LIGHTING PLAN KEYNOTES

- MAIN DISTRIBUTION PANEL 'MDP' SEE RISER DIAGRAM, PANEL SCHEDULES AND NOTES SHEET E5.
- POWER PANEL 'PP' SEE RISER DIAGRAM, PANEL SCHEDULES AND NOTE SHEET E5.
- LIGHTING PANEL 'LP' SEE RISER DIAGRAM, PANEL SCHEDULES AND NOTES SHEET E5.
- PROVIDE TIME SWITCH 'TS' SEE 'CONTACTOR DIAGRAM AND NOTES' ON SHEET E5 FOR ADDITIONAL INFORMATION. VERIFY LOCATION IN FIELD.
- PROVIDE PHOTOCELLS. PROVIDE A WEATHERTIGHT CONDUIT BODY ON INSIDE FACE OF BUILDING PARAPET WITH 1" RIGID CONDUIT TO 3' ABOVE ROOFLINE FOR PHOTOCELL. WHERE PARAPET DOES NOT EXIST, PROVIDE FRESTANDING RIGID CONDUIT WITH WEATHERPROOF ROOF PENETRATION. PHOTOCELL TO FACE NORTH. VERIFY LOCATION AND REQUIREMENTS IN FIELD. SEE 'CONTACTOR DIAGRAM' AND 'CONTACTOR NOTES' ON SHEET E5 FOR ADDITIONAL INFORMATION.
- ROUTE DESIGNATED CIRCUITS VIA TIME SWITCH 'TS' AND CONTACTORS, AS NOTED IN THE 'CONTACTOR DIAGRAM' AND 'CONTACTOR NOTES' ON SHEET E5.
- PROVIDE ONE (1) SURFACE MOUNTED FOUR GANG BOX WITH FOUR (4) DIMMING SWITCHPODS (SENSOR SWITCH SP0DMR-IV) TO CONTROL SWITCHLEGS 'a, b, c, d' AND MATCHING COVER PLATE FOR SWITCHES LOCATED IN SERVICE BAY. VERIFY SWITCHING ARRANGEMENT IN FIELD. ROUTE CONDUIT UP INSIDE FACE OF WALL FOR RECESSED BOX AND SURFACE MOUNT CONDUIT UP WALL IN SERVICE BAY.
- CORD REEL LIGHT FIXTURE TYPE 'K' MOUNTED TO ROOF STRUCTURE AT LOCATION SHOWN. COORDINATE INSTALLATION TO AVOID CONFLICT WITH OTHER EQUIPMENT. SEE 'DETAILS ON SHEET E2' FOR ADDITIONAL INFORMATION AND COORDINATE WITH SHEET F1 FOR EXACT LOCATION. SECURE THE SMALL LOW VOLTAGE TRANSFORMER WHICH PLUGS INTO THE RECEPTACLE SO THAT THE TRANSFORMER CAN NOT COME OUT OF THE PLUG VIA GRAVITY.
- PROVIDE JUNCTION BOX ON BACK SIDE OF PARAPET FOR BUILDING MOUNTED SIGNAGE. COORDINATED EXACT LOCATION WITH ARCHITECT PRIOR TO ROUGH-IN. DISCONNECT PROVIDED BY SIGNAGE VENDOR.
- PROVIDE SENSOR SWITCH #PP20 POWERPACK(S) AS REQUIRED FOR LIGHTING CONTROLS IN THIS AREA.
- INSTALL RECEPTACLE 6" ABOVE SHOW WINDOW (TO MEET NEC SHOW WINDOW REQUIREMENTS) FOR 'OPEN' SIGN. VERIFY EXACT LOCATION PRIOR TO ROUGH-IN. SEE SHEET F2 FOR ADDITIONAL INFORMATION. SECURE THE SMALL LOW VOLTAGE TRANSFORMER WHICH PLUGS INTO THE RECEPTACLE SO THAT THE TRANSFORMER CAN NOT COME OUT OF THE PLUG VIA GRAVITY.
- NOT USED.
- PROVIDE FOUR (4) RECESSED SINGLE GANG BOXES WITH THREE (3) SENSOR SWITCH SP0DM-IV LOW-VOLTAGE SWITCHES TO CONTROL SWITCHLEGS '1, 2, 3' AND ONE (1) STANDARD TOGGLE SWITCH TO CONTROL SWITCHLEG '4'. PROVIDE MATCHING COVERPLATES FOR ALL SWITCHES LOCATED IN THE CUSTOMER SHOWROOM AREA. FIELD VERIFY SWITCHING ARRANGEMENT PRIOR TO ROUGH-IN. ROUTE CONDUIT UP INSIDE FACE OF WALL. REFER TO DETAIL 2 (THIS SHEET) AND SHEET E2.0 FOR ADDITIONAL INFORMATION.
- CORNER MOUNTED OCCUPANCY SENSOR. SENSOR SWITCH #MV-16 TO CONTROL LIGHTING IN THIS AREA. OCCUPANCY SENSOR TO BE MOUNTED 10'-0" AFF (MAXIMUM). PROVIDE ALL ACCESSORIES AS REQUIRED FOR A COMPLETE AND OPERATIONAL SYSTEM. REFER TO DETAIL 2 (THIS SHEET) FOR ADDITIONAL INFORMATION.
- NOT USED.
- PROVIDE SENSOR SWITCH SP0DM-IV LOW-VOLTAGE SWITCH FOR MANUAL CONTROL OF LIGHTING FIXTURES IN THIS AREA. WHERE REQUIRED, PROVIDE '3X' OPTION TO ALLOW FOR THREE (OR FOUR) WAY SWITCHING.
- PROVIDE SENSOR SWITCH MODEL #CM-PDT CEILING MOUNTED OCCUPANCY SENSOR TO CONTROL LIGHTING IN INVENTORY AREA. PENDANT MOUNT ON CONDUIT BETWEEN LIGHT FIXTURES AT SAME HEIGHT AS LIGHT FIXTURES IN INVENTORY.
- OCCUPANCY SENSOR WITH SWITCH. SENSOR SWITCH #SX-PDT SHALL BE MOUNTED ON WALL 46" AFF (TO TOP) IN ALL LOCATIONS. COORDINATE FINAL LOCATION WITH BSRO. ROOM LAYOUT MUST BE TAKEN INTO ACCOUNT BEFORE INSTALLATION.
- FIXTURE IS TO BE PENDANT MOUNTED FROM CONDUIT ON CEILING, 13'-6" AFF IN SERVICE AREA.
- PROVIDE SENSOR SWITCH MODEL #CM-PDT CEILING MOUNTED OCCUPANCY SENSOR FOR CONTROL OF LIGHTS IN THIS ROOM.
- PROVIDE TOGGLE SWITCH FOR MANUAL CONTROL OF LIGHTS. MANUAL CONTROL IS FOR OCCUPANT SAFETY NEAR ELECTRICAL GEAR.
- THESE LIGHT FIXTURES ONLY TO BE MOUNTED AT 14'-7" AFF.



2 LIGHTING CONTROL WIRING DIAGRAM
 SCALE: N.T.S.



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

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