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SEAL:
THIS DOCUMENT IS NOT FOR CONSTRUCTION
UNLESS THE ARCHITECT'S SIGNATURE AND SEAL APPEAR BELOW.

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30121
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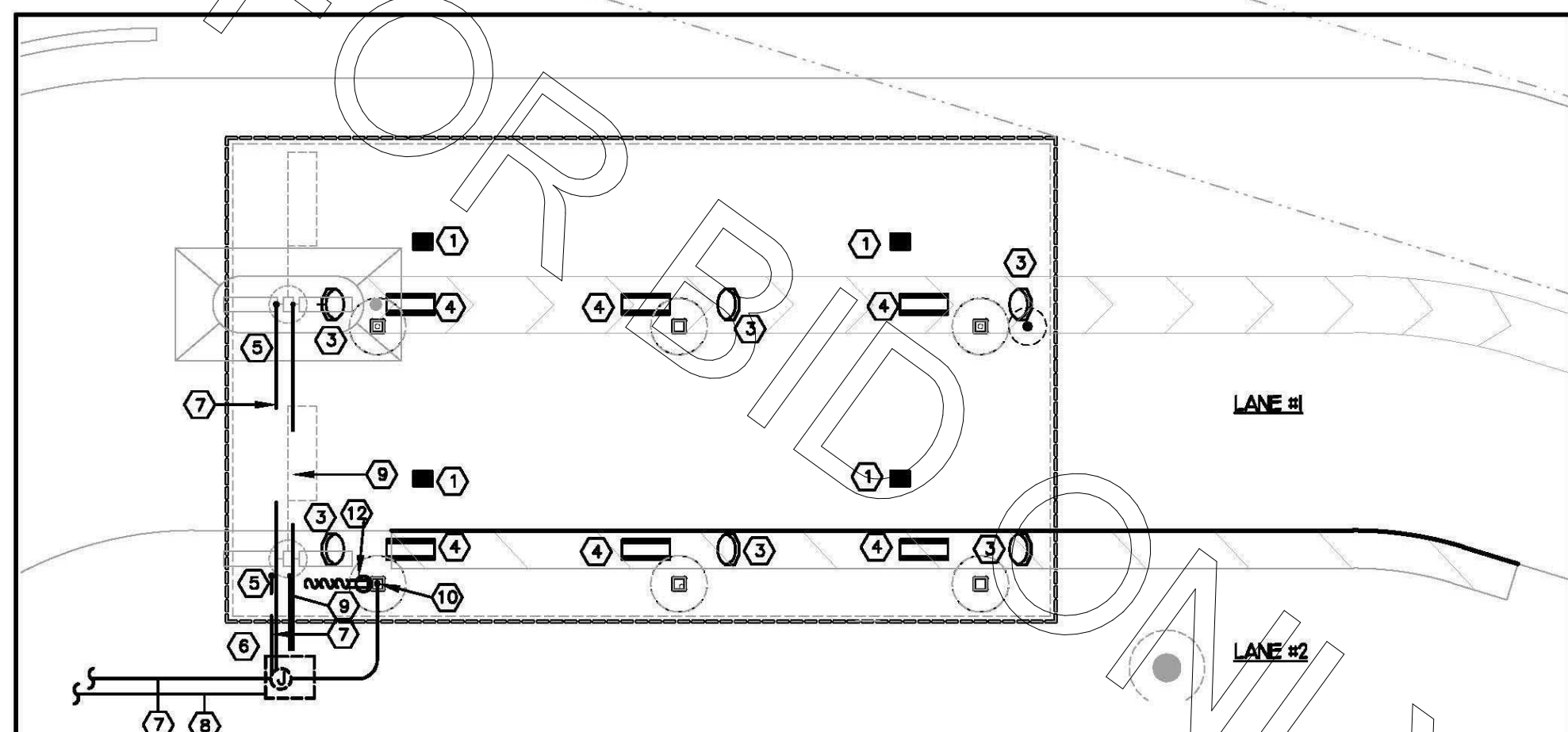
REVISION SCHEDULE
NO. DATE DESCRIPTION

CONSULTANT PROJECT # 2017.0149
PRINTED FOR Bid
DATE 11.20.17
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SHEET
ELECTRICAL PLAN-F2F

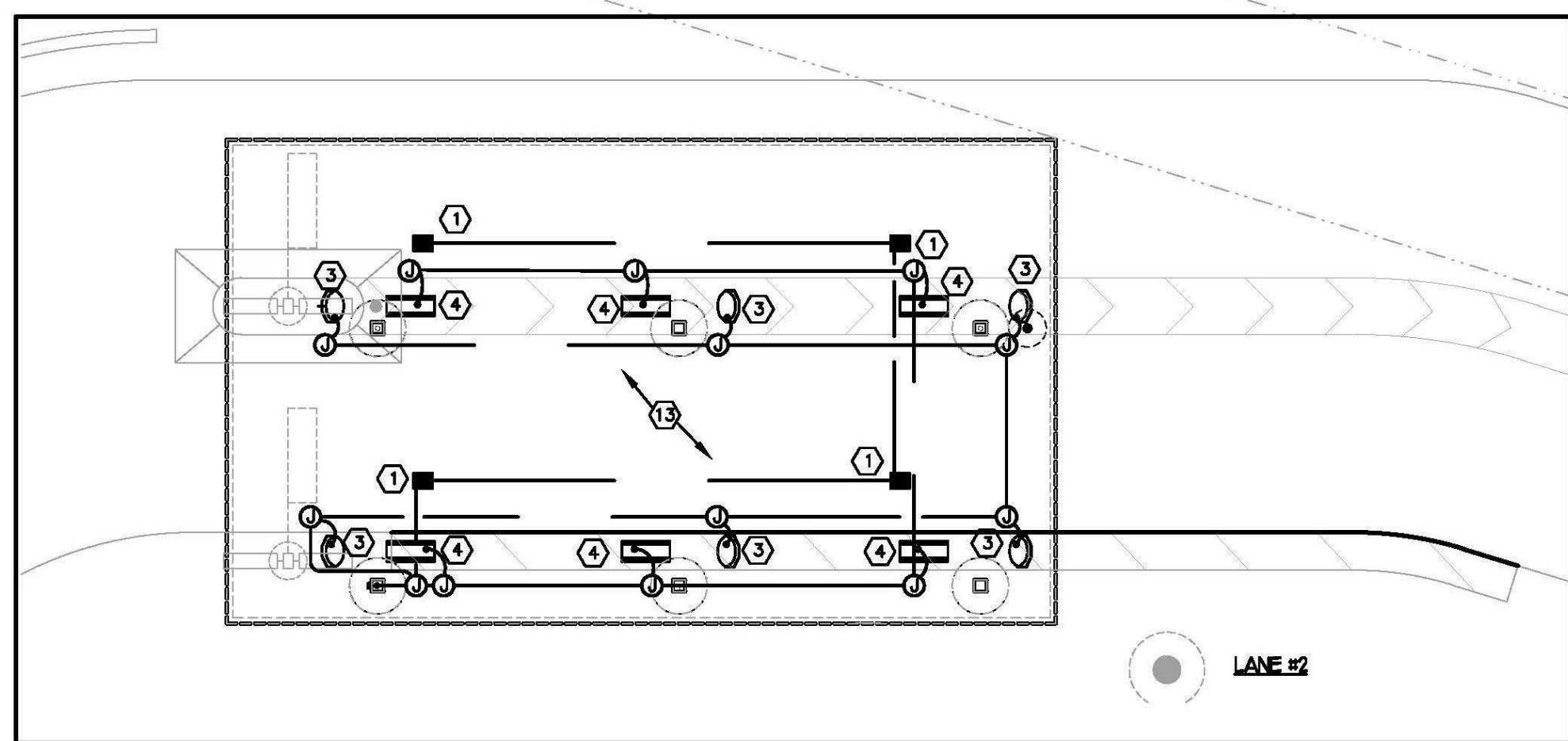
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E-222



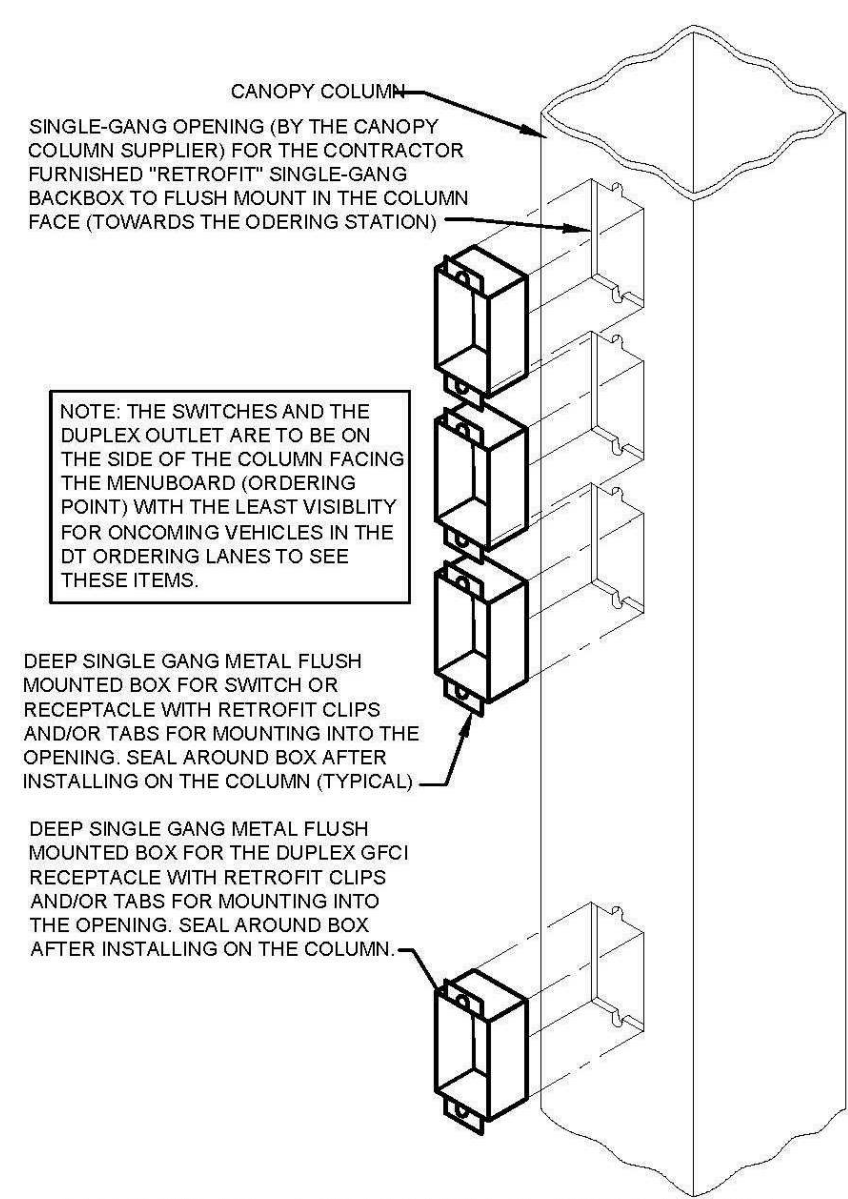
DUAL DRIVE-THRU CANOPY POWER PLAN - UNDERGROUND

SCALE 1/8\"/>



DUAL DRIVE-THRU CANOPY POWER PLAN - ABOVE GROUND

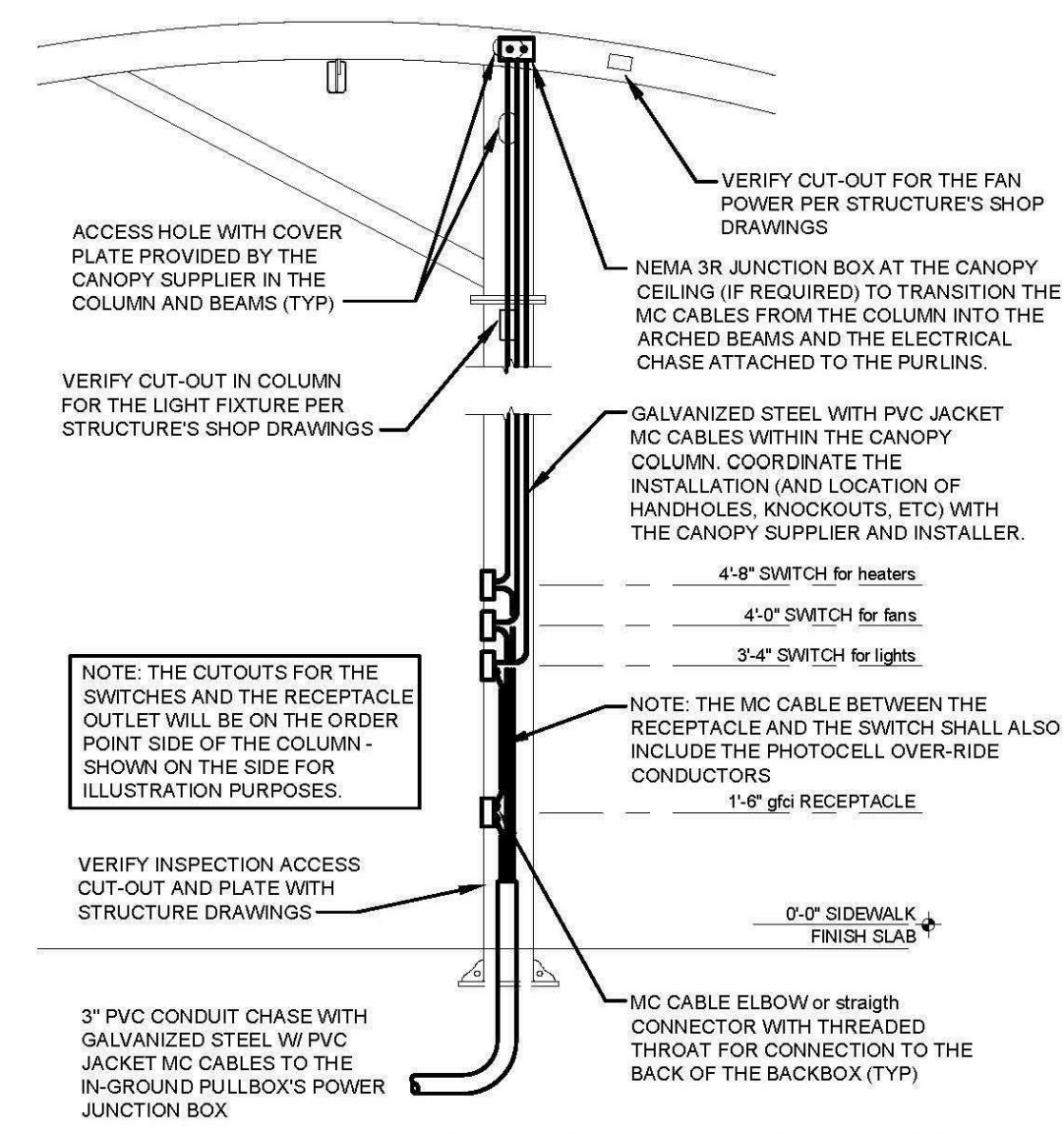
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CANOPY COLUMN ISOMETRIC

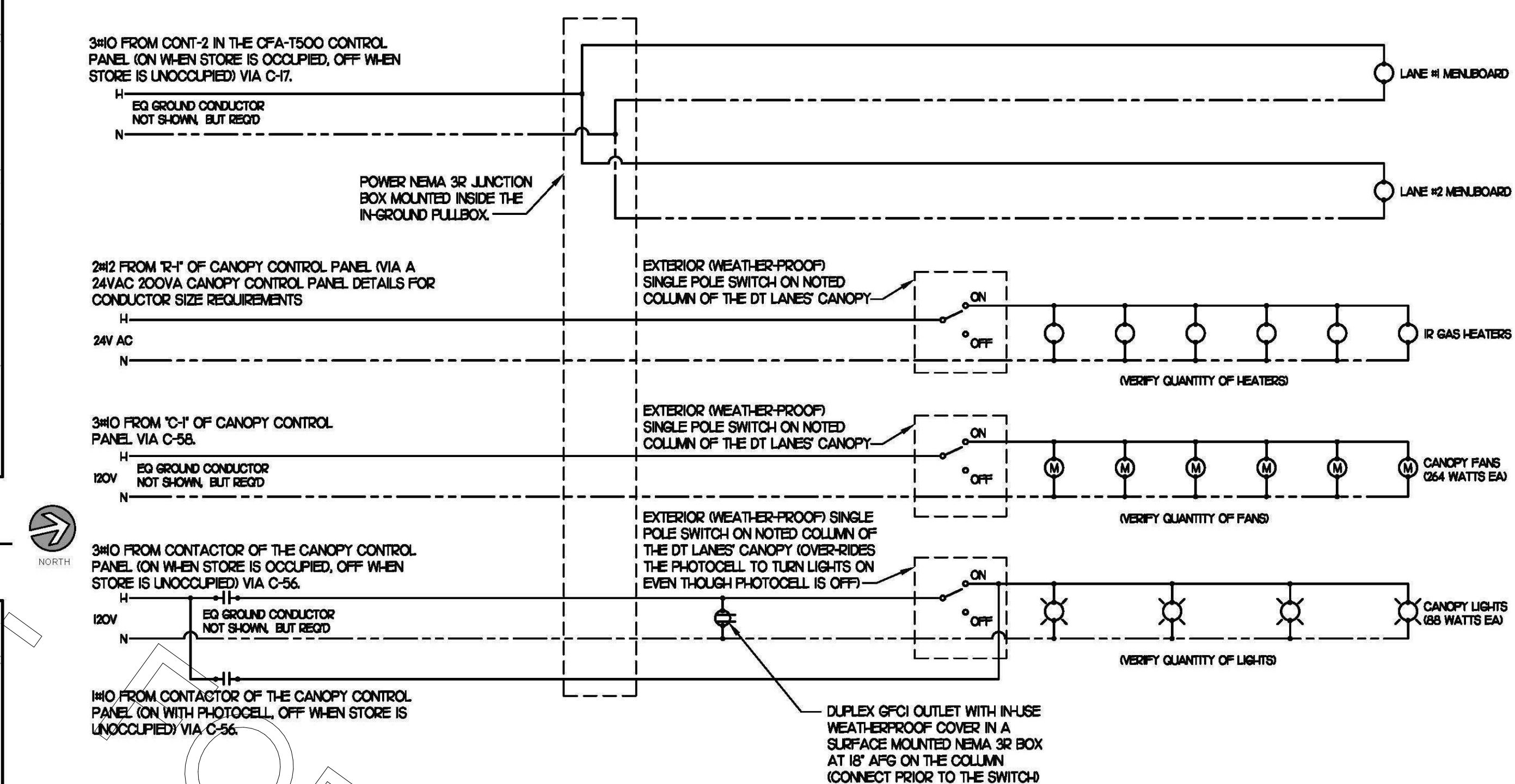
NOT TO SCALE

NOTES FOR ALL CONDUITS: REFER TO PLANS FOR OTHER CONDUITS. REFER TO WIRING SCHEDULES FOR CONDUIT AND WIRING REQUIREMENTS FOR LOW VOLTAGE SYSTEMS AND CONTROL WIRING.
MULTIPLE PHASES MAY OCCUPY THE SAME CONDUIT IN ACCORDANCE WITH THE NEC, MAXIMUM OF THREE AND OF DIFFERENT PHASES.
LOW VOLTAGE AND CONTROL WIRING SHALL BE IN SEPARATE CONDUIT FROM POWER WIRING.



SECTION - DOUBLE LANE CANOPY COLUMN

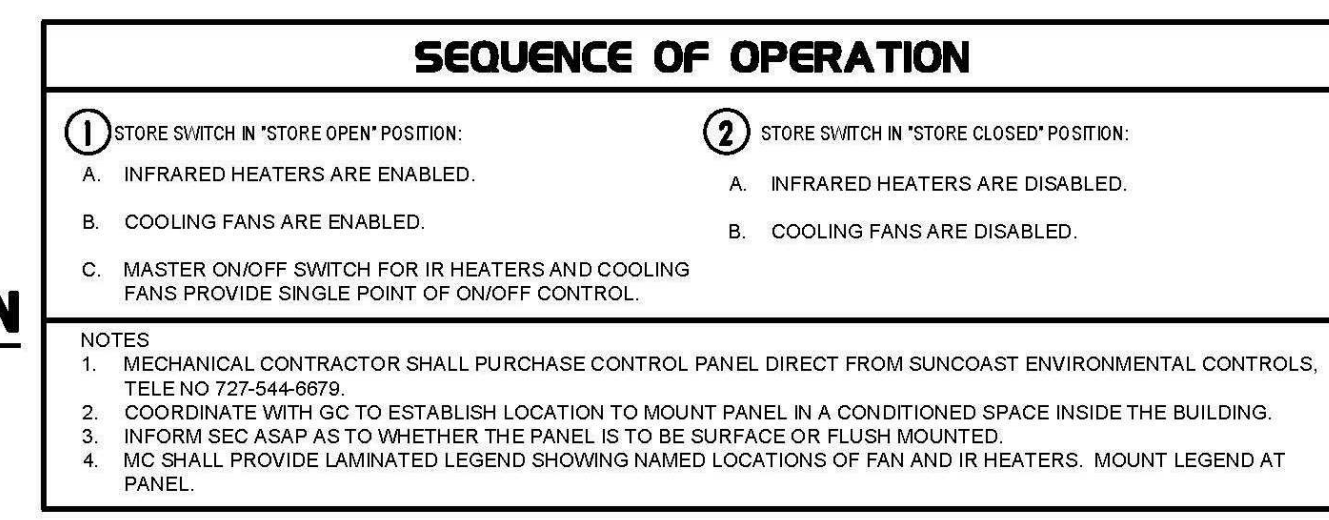
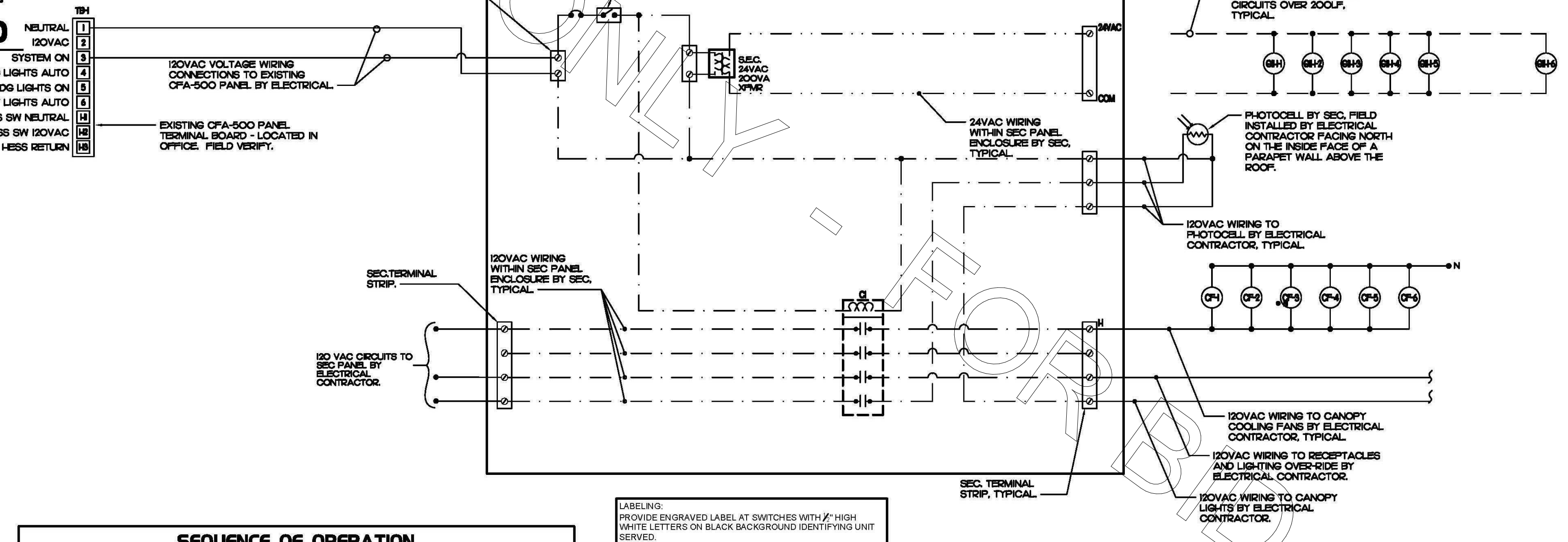
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DUAL DT LANES CANOPY POWER WIRING SCHEMATIC - NEW MLOP

NO SCALE

IMPORTANT
CHANGE OUT 2 AMP CIRCUIT BREAKER IN THE EXISTING CFA-500 SEC. PANEL LOCATED IN THE OFFICE TO A 6 AMP CB. THE FUSE IS LOCATED IN THE UPPER HALF OF THE CFA-500 PANEL IMMEDIATELY TO THE RIGHT OF THE PHOTOCELL CONTROLLER. FAILURE TO DO SO WILL CAUSE CONTROL CIRCUIT TO BLOW FUSE.



SUNCOAST PANEL WIRING DIAGRAM DBL LANE ORDER POINT - INFRARED, COOLING FANS

NO SCALE

- ELECTRICAL KEYNOTES (NEW ORDER POINTS):
- CEILING LIGHT PROVIDED BY CANOPY SUPPLIER AND INSTALLED BY E.C.
 - NOT USED.
 - AIR CIRCULATING FAN WITH INTEGRAL ON-OFF SWITCH PROVIDED BY OTHERS.
 - INFRARED GAS HEATER WITH INTEGRAL ON-OFF SWITCH PROVIDED BY OTHERS.
 - MENUBOARD PROVIDED BY OTHERS.
 - PROVIDE IN-GROUND GLASSITE PULLBOX FOR MLOP DATA CABLES WITH POWER NEMA 3R JUNCTION BOX MOUNTED INSIDE THE PULLBOX.
 - 2" UNDERGROUND SCH40 PVC CONDUIT WITH POWER CONDUCTORS. SEE WIRING SCHEMATIC.
 - 2" EMPTY UNDERGROUND SCH40 PVC CONDUIT FOR OWNERS AUDIO SYSTEM/DETECTOR LOOP CABLES.
 - 1" EMPTY UNDERGROUND SCH40 PVC CONDUIT FOR OWNERS AUDIO SYSTEM/DETECTOR LOOP CABLES.
 - INSTALL UNDERGROUND 3" SCH40 PVC CONDUIT UP INTO THE CANOPY COLUMN WITH TYPE MC CABLE (GALVANIZED STEEL WITH PVC JACKET) RUN WITHIN FOR THE 120V POWER FOR LIGHTS, 120 VOLT POWER FOR FANS, AND 24 VOLT POWER FOR THE INFRARED GAS HEATERS.
 - NOT USED.
 - PROVIDE ONE DUPLEX GFCI (WITH IN-USE WP COVER PLATE) AND THREE 120V SINGLE-POLE SWITCHES EACH WITH HUBBELL HVR1550 WP COVER PLATE MOUNTED ON THE COLUMN IN FLUSH MOUNTED METAL SINGLE GANG BOXES FOR LOCAL ON-OFF CONTROL OF THE FAN HEATERS, AND CANOPY LIGHTS. SEE WIRING SCHEMATIC AND CANOPY COLUMN DETAILS FOR FURTHER INFORMATION. ALL SURFACE MOUNTED ITEMS AND COVER PLATES TO BE FIELD PAINTED MATTE BLACK.
 - ALL CONDUIT AND BOXES SHALL BE CONCEALED FROM NORMAL VIEW UNDERGROUND, IN COLUMNS OR ABOVE THE CANOPY (ON THE ROOF). MC CABLE (GALVANIZED STEEL WITH PVC JACKET) TO BE USED INSIDE THE COLUMNS BUT MUST CONVERT BACK TO IMC ABOVE THE ROOF. REFER TO THE MECHANICAL DRAWINGS FOR DETAILS OF MOUNTING CONDUIT ON THE ROOF OF THE CANOPY. ALL EXPOSED ELECTRICAL BOXES TO BE NEMA 3R CAST-METAL.

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