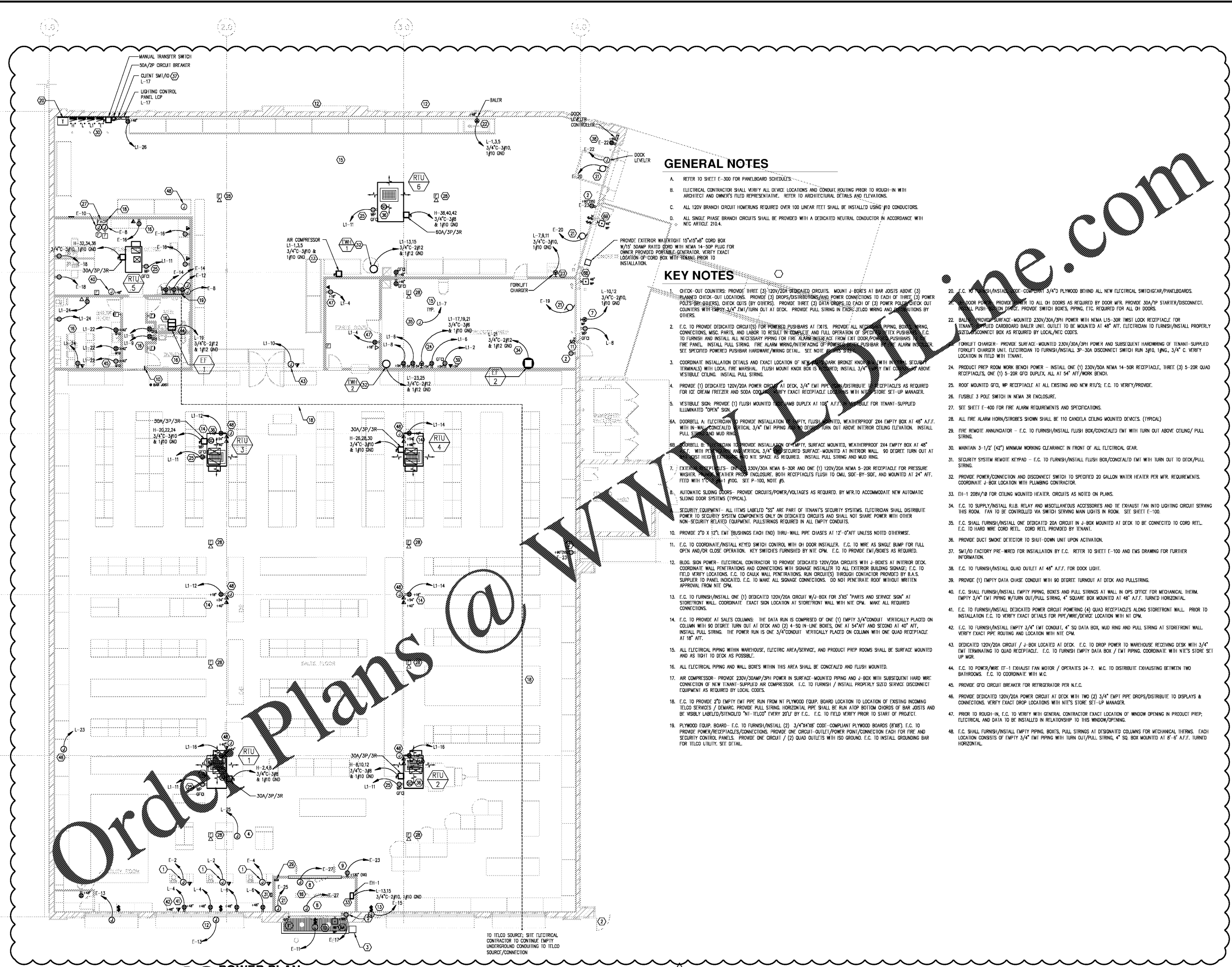


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No.	Description	Date
▲	ISSUED FOR BID AND PERMIT	03/29/19
▲	ISSUED FOR BID	05/30/19
▲	RE-ISSUED FOR BID AND PERMIT	10/18/20



GENERAL NOTES

- A. REFER TO SHEET E-300 FOR PANELBOARD SCHEDULES.
- B. ELECTRICAL CONTRACTOR SHALL VERIFY ALL DEVICE LOCATIONS AND CONDUIT ROUTING PRIOR TO ROUGH-IN WITH ARCHITECT AND OWNER'S FIELD REPRESENTATIVE. REFER TO ARCHITECTURAL DETAILS AND ELEVATIONS.
- C. ALL 120V BRANCH CIRCUIT HOMERUNS REQUIRED OVER 100 LINEAR FEET SHALL BE INSTALLED USING #10 CONDUCTORS.
- D. ALL SINGLE PHASE BRANCH CIRCUITS SHALL BE PROVIDED WITH A DEDICATED NEUTRAL CONDUCTOR IN ACCORDANCE WITH NEC ARTICLE 210.4.

KEY NOTES

1. CHECK-OUT COUNTERS: PROVIDE THREE (3) 120V/20A BRANCHED CIRCUITS. MOUNT J-BOXES AT BAR JOISTS ABOVE (3) PLANNED CHECK-OUT LOCATIONS. PROVIDE (3) DROPS/DISTRIBUTIONS AND POWER CONNECTIONS TO EACH OF THREE (3) POWER POLES (BY OTHERS). CHECK OUTS (BY OTHERS). PROVIDE THREE (3) DATA DROPS TO EACH OF (3) POWER POLES. CHECK OUT COUNTERS WITH EMERGENCY 3/4" EMT/TURN OUT AT DECK. PROVIDE PULL STRING IN EACH FIELD WIRING AND CONNECTIONS BY OTHERS.
2. E.C. TO PROVIDE DEDICATED CIRCUITS FOR POWERED PUSHBARS AT DOCS. PROVIDE ALL NECESSARY PIPING, BOXES, WIRING, CONNECTIONS, MISCELLANEOUS PARTS, AND LABOR TO INSTALL AND FULL OPERATION OF SPECIFIED POWERED PUSHBARS. E.C. TO FURNISH AND INSTALL ALL NECESSARY PIPING FOR FIRE ALARM/INTERFACE FROM EXISTING DOOR/POWERED PUSHBARS. FIRE PANEL. INSTALL PULL STRING. FIRE ALARM WIRING/INTERFACING OF POWERED PUSHBAR BY OTHERS. FIRE ALARM INSTALLER. SEE SPECIFIED POWERED PUSHBAR HARDWARE/WIRING DETAIL. SEE NOTE 30 FOR STEPS.
3. COORDINATE INSTALLATION DETAILS AND EXACT LOCATION OF NEW SECURITY DARK BRONZE KNOBS WITH INTERNAL SECURITY TERMINALS WITH LOCAL FIRE MARSHAL. FLUSH MOUNT KNOX BOXES TO DECK. INSTALL 3/4" EMT CONDUIT ABOVE VESTIBULE CEILING. INSTALL PULL STRING.
4. PROVIDE (1) DEDICATED 120V/20A POWER CIRCUIT AT DECK. 3/4" EMT PIPE/DROP/DISTRIBUTE RECEPTACLES AS REQUIRED FOR ICE CREAM FREEZER AND SODA COOLER. VERIFY EXACT RECEPTACLE LOCATIONS WITH NITE'S STORE SET-UP MANAGER.
5. VESTIBULE SIGN: PROVIDE (1) FLUSH MOUNTED TYPED NAME DUPLEX AT 100" AFF. RECEPTACLE FOR TENANT-SUPPLIED ILLUMINATED "OPEN" SIGN.
6. DOORBELL A: ELECTRICIAN TO PROVIDE INSTALLATION OF EMPTY, FLUSH MOUNTED, WEATHERPROOF 2X4 EMPTY BOX AT 48" A.F.F. WITH IN-WALL CONCEALED VERTICAL 3/4" EMT PIPING FROM DECK. TURN OUT ABOVE INTERIOR CEILING ELEVATION. INSTALL PULL STRING AND MUD RING.
7. DOORBELL B: ELECTRICIAN TO PROVIDE INSTALLATION OF EMPTY, SURFACE MOUNTED, WEATHERPROOF 2X4 EMPTY BOX AT 48" A.F.F. WITH IN-WALL CONCEALED VERTICAL 3/4" EMT PIPING FROM DECK. TURN OUT ABOVE INTERIOR CEILING ELEVATION. INSTALL PULL STRING AND MUD RING.
8. EXTERIOR WIPER: PROVIDE 230V/30A NEMA 6-30R AND ONE (1) 120V/20A NEMA 5-20R RECEPTACLE FOR PRESSURE WASHER. PROVIDE WEATHER PROOF ENCLOSURE. BOTH RECEPTACLES FLUSH TO OML. SIZE BY-SIDE, AND MOUNTED AT 24" AFF. FEED WITH 1" CONDUIT. SEE P-100, NOTE J5.
9. AUTOMATIC SLIDING DOORS: PROVIDE CIRCUITS/POWER/VOLTAGES AS REQUIRED. BY MFR TO ACCOMMODATE NEW AUTOMATIC SLIDING DOOR SYSTEMS (TYPICAL).
10. SECURITY EQUIPMENT - ALL ITEMS LABELED "SS" ARE PART OF TENANT'S SECURITY SYSTEMS. ELECTRICIAN SHALL DISTRIBUTE POWER TO SECURITY SYSTEM COMPONENTS ONLY ON DEDICATED CIRCUITS AND SHALL NOT SHARE POWER WITH OTHER NON-SECURITY RELATED EQUIPMENT. PULLSTRINGS REQUIRED IN ALL EMPTY CONDUIITS.
11. PROVIDE 2" O X 12" EMT (BUSHINGS EACH END) THRU-WALL PIPE CHASES AT 12"-0" AFF UNLESS NOTED OTHERWISE.
12. E.C. TO COORDINATE/INSTALL KEYED SWITCH CONTROL WITH ON DOOR INSTALLER. E.C. TO WIRE AS SINGLE BUMP FOR FULL OPEN AND/OR CLOSE OPERATION. KEY SWITCHES FURNISHED BY NITE CPM. E.C. TO PROVIDE EMT/BOXES AS REQUIRED.
13. BLDG. SIGN POWER - ELECTRICAL CONTRACTOR TO PROVIDE DEDICATED 120V/20A CIRCUITS WITH J-BOXES AT INTERIOR DECK. COORDINATE WALL PENETRATIONS AND CONNECTIONS WITH SIGNAGE INSTALLER. TO ALL EXTERIOR BUILDING SIGNAGE. E.C. TO FIELD VERIFY LOCATIONS. E.C. TO CALCULATE WALL PENETRATIONS. RUN CIRCUITS THROUGH CONTACTOR PROVIDED BY B.A.S. SUPPLIER TO PANEL INDICATED. E.C. TO MAKE ALL SIGNAGE CONNECTIONS. DO NOT PENETRATE ROOF WITHOUT WRITTEN APPROVAL FROM NITE CPM.
14. E.C. TO FURNISH/INSTALL ONE (1) DEDICATED 120V/20A CIRCUIT W/J-BOX FOR 3X5' PARTS AND SERVICE SIGN AT STOREFRONT WALL. COORDINATE EXACT SIGN LOCATION AT STOREFRONT WALL WITH NITE CPM. MAKE ALL REQUIRED CONNECTIONS.
15. E.C. TO PROVIDE AT SALES COLUMNS: THE DATA RUN IS COMPOSED OF ONE (1) EMPTY 3/4" CONDUIT. VERTICALLY PLACED ON COLUMN WITH 90 DEGREE TURN OUT AT DECK AND (2) 4-50 IN-LINE BOXES, ONE AT 54" AFF AND SECOND AT 40" AFF. INSTALL PULL STRING. THE POWER RUN IS ONE 3/4" CONDUIT VERTICALLY PLACED ON COLUMN WITH ONE QUAD RECEPTACLE AT 18" AFF.
16. ALL ELECTRICAL PIPING WITHIN WAREHOUSE, ELECTRIC AREA/SERVICE, AND PRODUCT PREP ROOMS SHALL BE SURFACE MOUNTED AND AS TIGHT TO DECK AS POSSIBLE.
17. ALL ELECTRICAL PIPING AND WALL BOXES WITHIN THIS AREA SHALL BE CONCEALED AND FLUSH MOUNTED.
18. AIR COMPRESSOR - PROVIDE 230V/30AMP/3PH POWER IN SURFACE-MOUNTED PIPING AND J-BOX WITH SUBSEQUENT HARD WIRE CONNECTION OF NEW TENANT-SUPPLIED AIR COMPRESSOR. E.C. TO FURNISH / INSTALL PROPERLY SIZED SERVICE DISCONNECT EQUIPMENT AS REQUIRED BY LOCAL CODES.
19. E.C. TO PROVIDE 2" O EMPTY EMT PIPE RUN FROM NT PLYWOOD EQUIP. BOARD LOCATION TO LOCATION OF EXISTING INCOMING TELCO SERVICES / DEMARC. PROVIDE PULL STRING. HORIZONTAL PIPE SHALL BE RUN ATIOR BOTTOM CHORDS OF BAR JOISTS AND BE VISIBLY LABELED/SIGNALLED "NT-TELCO" EVERY 20' BY E.C. E.C. TO FIELD VERIFY PRIOR TO START OF PROJECT.
20. PLYWOOD EQUIP. BOARD - E.C. TO FURNISH/INSTALL (2) 3/4"X4"X8" CODE-COMPLIANT PLYWOOD BOARDS (8'X8'). E.C. TO PROVIDE POWER/RECEPTACLES/CONNECTIONS. PROVIDE ONE CIRCUIT / OUTLET / POWER POINT / CONNECTION EACH FOR FIRE AND SECURITY CONTROL PANELS. PROVIDE ONE CIRCUIT / (2) QUAD OUTLETS WITH 150 GROUND. E.C. TO INSTALL GROUNDING BAR FOR TELCO UTILITY. SEE DETAIL.
21. E.C. TO FURNISH/INSTALL 3/4" CONDUIT 3/4" PLYWOOD BEHIND ALL NEW ELECTRICAL SWITCHGEAR/PANELBOARDS.
22. DOOR POWER - PROVIDE POWER TO ALL OH DOORS AS REQUIRED BY DOOR MFR. PROVIDE 30A/7P STARTER/DISCONNECT. PROVIDE 3/4" EMT PIPING FROM DECK. PROVIDE SWITCH BOXES, PIPING, ETC. REQUIRED FOR ALL OH DOORS.
23. BALEY - PROVIDE SURFACE-MOUNTED 230V/30A/3PH POWER WITH NEMA L15-30R TWIST LOCK RECEPTACLE FOR TENANT-SUPPLIED CARDBOARD BALEY UNIT. OUTLET TO BE MOUNTED AT 48" AFF. ELECTRICIAN TO FURNISH/INSTALL PROPERLY SIZED SERVICE DISCONNECT BOX AS REQUIRED BY LOCAL/NEC CODES.
24. FORKLIIFT CHARGER - PROVIDE SURFACE-MOUNTED 230V/30A/3PH POWER AND SUBSEQUENT HARDWIRING OF TENANT-SUPPLIED FORKLIIFT CHARGER UNIT. ELECTRICIAN TO FURNISH/INSTALL 3" O DISCONNECT SWITCH RUN 3/10, 1/2", 3/4" C. VERIFY LOCATION IN FIELD WITH TENANT.
25. PRODUCT PREP ROOM WORK BENCH POWER - INSTALL ONE (1) 230V/50A NEMA 14-50R RECEPTACLE, THREE (3) 5-20R QUAD RECEPTACLES, ONE (1) 5-20R GFCI DUPLEX, ALL AT 54" AFF/WORK BENCH.
26. ROOF MOUNTED GFCI, WP RECEPTACLE AT ALL EXISTING AND NEW R.I.C.'S. E.C. TO VERIFY/PROVIDE.
27. FUSIBLE 3 POLE SWITCH IN NEMA 3R ENCLOSURE.
28. SEE SHEET E-400 FOR FIRE ALARM REQUIREMENTS AND SPECIFICATIONS.
29. ALL FIRE ALARM HORN/SIRENS SHOWN SHALL BE 110 CANDELA CEILING MOUNTED DEVICES. (TYPICAL)
30. FIRE REMOTE ANNUNCIATOR - E.C. TO FURNISH/INSTALL FLUSH BOX/CONCEALED EMT WITH TURN OUT ABOVE CEILING/ PULL STRING.
31. MAINTAIN 3-1/2" (42") MINIMUM WORKING CLEARANCE IN FRONT OF ALL ELECTRICAL GEAR.
32. SECURITY SYSTEM REMOTE KEYPAD - E.C. TO FURNISH/INSTALL FLUSH BOX/CONCEALED EMT WITH TURN OUT TO DECK/PULL STRING.
33. PROVIDE POWER/CONNECTION AND DISCONNECT SWITCH TO SPECIFIED 20 GALLON WATER HEATER PER MFR. REQUIREMENTS. COORDINATE J-BOX LOCATION WITH PLUMBING CONTRACTOR.
34. EH-1 208V/2ØB FOR CEILING MOUNTED HEATER. CIRCUITS AS NOTED ON PLANS.
35. E.C. TO SUPPLY/INSTALL R.L.B. RELAY AND MISCELLANEOUS ACCESSORIES AND THE EXHAUST FAN INTO LIGHTING CIRCUIT SERVING THIS ROOM. FAN TO BE CONTROLLED VIA SWITCH SERVING MAIN LIGHTS IN ROOM. SEE SHEET E-100.
36. E.C. SHALL FURNISH/INSTALL ONE DEDICATED 20A CIRCUIT IN J-BOX MOUNTED AT DECK TO BE CONNECTED TO CORD REEL. E.C. TO HARD WIRE CORD REEL. CORD REEL PROVIDED BY TENANT.
37. PROVIDE DUCT SMOKE DETECTOR TO SHUT-DOWN UNIT UPON ACTIVATION.
38. SMT/O FACTORY PRE-WIRED FOR INSTALLATION BY E.C. REFER TO SHEET E-100 AND EMS DRAWING FOR FURTHER INFORMATION.
39. E.C. TO FURNISH/INSTALL QUAD OUTLET AT 48" A.F.F. FOR DOCK LIGHT.
40. PROVIDE (1) EMPTY DATA CHASE CONDUIT WITH 90 DEGREE TURNOUT AT DECK AND PULLSTRING.
41. E.C. SHALL FURNISH/INSTALL EMPTY PIPING, BOXES AND PULL STRINGS AT WALL IN OPS OFFICE FOR MECHANICAL TERM. EMPTY 3/4" EMT PIPING W/TURN OUT/PULL STRING, 4" SQUARE BOX MOUNTED AT 48" A.F.F. TURNED HORIZONTAL.
42. E.C. TO FURNISH/INSTALL DEDICATED POWER CIRCUIT POWERING (4) QUAD RECEPTACLES ALONG STOREFRONT WALL. PRIOR TO INSTALLATION E.C. TO VERIFY EXACT DETAILS FOR PIPE/WIRE/DEVICE LOCATION WITH NITE CPM.
43. E.C. TO FURNISH/INSTALL EMPTY 3/4" EMT CONDUIT, 4" SQ DATA BOX, MUD RING AND PULL STRING AT STOREFRONT WALL. VERIFY EXACT PIPE ROUTING AND LOCATION WITH NITE CPM.
44. DEDICATED 120V/20A CIRCUIT / J-BOX LOCATED AT DECK. E.C. TO DROP POWER TO WAREHOUSE RECEIVING DESK WITH 3/4" EMT TERMINATING TO QUAD RECEPTACLE. E.C. TO FURNISH EMPTY DATA BOX / EMT PIPING. COORDINATE WITH NITE'S STORE SET UP MGR.
45. E.C. TO POWER/WIRE EF-1 EXHAUST FAN MOTOR / OPERATES 24-7. M.C. TO DISTRIBUTE EXHAUSTING BETWEEN TWO BATHROOMS. E.C. TO COORDINATE WITH M.C.
46. PROVIDE GFCI CIRCUIT BREAKER FOR REFRIGERATOR PER N.E.C.
47. PROVIDE DEDICATED 120V/20A POWER CIRCUIT AT DECK WITH TWO (2) 3/4" EMT PIPE DROPS/DISTRIBUTE TO DISPLAYS & CONNECTIONS. VERIFY EXACT DROP LOCATIONS WITH NITE'S STORE SET-UP MANAGER.
48. PRIOR TO ROUGH-IN, E.C. TO VERIFY WITH GENERAL CONTRACTOR EXACT LOCATION OF WINDOW OPENING IN PRODUCT PREP. ELECTRICAL AND DATA TO BE INSTALLED IN RELATIONSHIP TO THIS WINDOW/OPENING.
49. E.C. SHALL FURNISH/INSTALL EMPTY PIPING, BOXES, PULL STRINGS AT DESIGNATED COLUMNS FOR MECHANICAL TERMS. EACH LOCATION CONSISTS OF EMPTY 3/4" EMT PIPING WITH TURN OUT/PULL STRING, 4" SQ. BOX MOUNTED AT 6'-0" AFF. TURNED HORIZONTAL.

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

TO TELCO SOURCE, SHE ELECTRICAL CONTRACTOR TO CONTINUE EMPTY UNDERGROUND CONDUITING TO TELCO SOURCE/CONNECTION

Salem Gate Market
NORTHERN TOOL + EQUIPMENT
ANCHOR 2B
1454 OLD SALEM ROAD
CONYERS, GEORGIA

POWER PLAN

Date	Drawn By	Sheet No.
03/29/19	AK	E-200
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