

ISSUE/REVISION RECORD
DATE DESCRIPTION
01/25/19 COORDINATION SET
02/20/19 HEALTH SUBMITTAL
04/24/19 HEALTH RESPONSE
05/03/19 PERMIT/BD SET

- POWER PLAN SHEET NOTES**
- PROVIDE CONNECTION FOR HEAT TAPE AT CONDENSATE LINE. COORDINATE LOCATION WITH MECHANICAL DRAWINGS.
 - PROVIDE POWER CONNECTION TO PREFABRICATED WATER HEATER PACK LOAD CENTER, AS REQUIRED BY MANUFACTURER.
 - ENCLOSED W.P. 100A/2M DISCONNECT SWITCH MOUNTED 6" BELOW DECK RAMP. PROVIDE PHENOLIC LABEL AT DEVICE. COORDINATE LOCATION FOR PROPER WORKING CLEARANCES.
 - TWO JUNCTION BOXES INTERCONNECTED TO REDUCED CONDENSING UNITS ON ROOF.
 - CONNECTION FOR EXHAUSTOR COIL W/IDE WALK-IN. EXTEND INTERCONNECT TO ROOF COMPRESSOR PER MANUFACTURER'S DRAWINGS.
 - RECEPTACLE WITH SWITCH FOR UNDERCOUNTER LIGHT HEAT COOLER. FEATURE TYPE F13. DESCRIPTION SHOWN ON LUMINAIRE. COORDINATE LOCATION WITH SHEET E2.
 - VOLUME CONTROL. DOUBLE GANG JUNCTION BOX AT 60".
 - JUNCTION BOX FOR DOOR BUZZER. SYSTEM WIRE 2" CONDUIT CONDUIT AT 5'-6" A.F.F. TO HOOK-UP W/ CABLE. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH MECHANICAL DRAWINGS.
 - MOUNT NEON SIGN W/ WIRE AS HIGH AS POSSIBLE. COORDINATE WITH SHEET FS-2.
 - INSTALL NEON SIGN W/ WIRE AS HIGH AS POSSIBLE. COORDINATE WITH SHEET FS-2.
 - INSTALL NEON SIGN W/ WIRE AS HIGH AS POSSIBLE. COORDINATE WITH SHEET FS-2.
 - RECEPTACLE WITH SWITCH FOR UNDERCOUNTER LIGHT HEAT COOLER. FEATURE TYPE F13. DESCRIPTION SHOWN ON LUMINAIRE. COORDINATE LOCATION WITH SHEET E2.
 - MECHANICAL ROOM HEATER - BERO H/100SS/1010/UNITZ WITH MOUNTING BRACKET AND LINE VOLTAGE THERMOSTAT. MOUNT AT 8'-0" A.F.F. WITH LINE SINK ON LINE. (200W/100W) FURNISHED BY OWNER. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH MECHANICAL, PLUMBING AND FIRE PROTECTION DRAWINGS.
 - 3/4" 2x4" PLYWOOD BACKSPLASH FOR TELEPHONE EQUIP. (1) DEDICATED OUTLET FOR TELEPHONE EQUIPMENT AND (2) GAND OUTLETS FOR SECURITY SYSTEM VENDOR.
 - 2" OPEN CONDUIT WITH PULL WIRE FOR TELEPHONE AND 2" OPEN CONDUIT WITH PULL WIRE FOR CABLE TV. COORDINATE EXACT LOCATION WITH TELEPHONE AND CABLE COMPANIES. SEE SHEET FS-2 FOR ADDITIONAL INFORMATION ON TELEPHONE AND CABLE COMPANIES.
 - PROVIDE JUNCTION BOX FOR TELEPHONE CONNECTION. REFER TO DRAWING FS2.1 & FS2.2.
 - RECEPTACLE FOR FAN. COORDINATE WITH FAN SHEET FOR EXACT LOCATION.
 - DOOR BELL / DOOR BUZZER AND TRANSFORMER. WIRE PER DETAIL 4 ON SHEET E5. PROVIDED BY ELECTRICAL CONTRACTOR. COORDINATE WITH EQ SHEET ELEVATIONS.
 - COORDINATE WITH DOOR ALARM MANUFACTURER'S CUTSHEET FOR WIRING ALARM TO TRANSFORMER TO PANEL CIRCUIT BREAKER.
 - CAT 5 INTERNET CONNECTION. RUN IN CONDUIT WITH TELEPHONE LINE.
 - REMOTE DIMMER CONTROL SHALL BE LOCATED IN A KNOCKOUT IN THE DIMMER PANEL. REFER TO NOTE ON FS-2.
 - CIRCUIT SHALL RUN DEDICATED BACK TO CIRCUIT BREAKER AT PANEL FOR CIRCUITS WITH MULTIPLE OUTLETS. THE CIRCUIT SHALL BE CONNECTED TO THE CIRCUIT BREAKER. EACH CIRCUIT SHALL HAVE A HOT, NEUTRAL, GROUND AND GROUND WIRE. ALL P.O.S. AND WIRE CHECK COMMANDS SHALL BE TO BE FURNISHED AND INSTALLED BY OWNER. (CFL: 1F100, 1F1000, 3/4") RECEPTACLES LOCATED IN KITCHEN SHALL BE CIRCUITED TO 20A CIRCUIT BREAKERS OF 30A OR 40A TYPE. RECEPTACLES ISOLATED GROUND OUTLETS ARE TO BE ORANGE AT ALL LOCATIONS.
 - FAN MOTOR CONTROL CENTER (MCC) ABOVE ELECTRICAL PANEL C. MCC SHALL HOLD TRIP TO CLEAR. SEE EQ HOOD DRAWINGS FOR WIRING DIAGRAMS. THE TOP OF PANEL C SHALL BE 1" BELOW MCC.
 - IF EXTERIOR FIRE BELL IS REQUIRED THE ELECTRICAL CONTRACTOR SHALL FURNISH POWER AND WIRING AS REQUIRED.
 - 120V/1A CONNECTIONS FOR LIGHTS, DOOR HEADERS AND DESTROYS TIMERS. ALL WALK-IN LIGHTS AND DOOR HEATER CONNECTIONS AND INSTALLATIONS ARE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR. LIGHTING CONDUIT SHALL BE IN WIDE WALK-IN BOX AND ALL PENETRATIONS THOROUGHLY SEALED. LIGHT FIXTURES FURNISHED UNLESS BY THE MECHANICAL CONTRACTOR AND WIRING BY THE ELECTRICAL CONTRACTOR. SEE SHEET E5A FOR LOCATION OF DESTROY TIMERS. USE SEAL-25 CONDUITS FOR DESTROY TIMERS. ALL LARGED CONDUITS IN OR OUTSIDE THE SURFACE OF WALK-IN BOXES MUST BE SEAL-TITE.
 - JUNCTION BOX (SEE FS2.1 AND FS2.2 FOR SIZES) WITH WAD RING AND FACE PLATE FOR P.O.S. COMMAND CENTER CABLE JUNCTION BOX AT OUTLET READER. PROVIDE CONDUIT FROM JUNCTION BOX TO LOCATION INDICATED ON FS2.1 AND FS2.2. RING WILL BE UNFURNISHED AND OWNER IS NOTED BY FS2.1 AND FS2.2. PROVIDE PULL STRING IN ALL CONDUITS. CONDUIT SIZES AS INDICATED ON SHEETS FS2.1 AND FS2.2.
 - PRIOR TO INSTALLATION SEE SHEETS FS2.1 AND FS2.2 FOR ADDITIONAL INFORMATION ON P.O.S. SYSTEM. NOTE: COMMAND CENTER CABLES FURNISHED AND INSTALLED BY OWNER.
 - PROVIDE CIRCUIT FOR CONDENSATE DRAIN LINE HEATER AS REQUIRED.
 - PROVIDE CLEARANCE FOR ELECTRICAL PANELS PER NEC 110.3(B). PANEL CIRCUIT BREAKER SHALL BE AN ACCESSIBLE HEIGHT OF 4'-7 1/2" PER NEC 404.6.
 - 1/2" CONDUIT BACK TO TELEPHONE BACKSPLASH WITH CABLE (24 GA. 44 AWG) FURNISHED AND INSTALLED BY CONTRACTOR. THE PHONE JACKS SHALL BE INSTALLED IN A 4" BOX WITH A SINGLE-GANG WAD RING. CONDUIT SHALL TERMINATE 80" AFF FOR CONNECTION TO BACKSPLASH.
 - JUNCTION BOX AT 60" A.F.F. WITH 1/2" CONDUIT TO 6" ABOVE CEILING FOR MICROPHONE. E.C. SHALL CONNECT "LOW AND TAMPET" SWITCHES ON BOTH O.S. IN Y VALUES OF THE BACK FLOW PREVENTION DEVICE ON THE FIRE SPRINKLER RISER. SWITCHES SHALL CONNECT TO THE BUILDING SECURITY SYSTEM. E.C. SHALL COORDINATE WITH FIRE SPRINKLER AND SECURITY SYSTEM VENDOR PRIOR TO INSTALLATION.
 - CONVENIENCE OUTLETS SHALL BE A RECEPTACLE WITH USB PORTS INCLUDED. COORDINATE WITH BUBBA'S 33 CONSTRUCTION MANAGER.
 - JUNCTION BOX FOR FLY FAN WITH CONNECTION TO DOOR SWITCH MOUNT AT 80" A.F.F.
 - JUNCTION BOX FOR TV CABLE AT 102" A.F.F. STUB CONDUIT ABOVE CEILING.
 - BERO H/100SS/1010/UNITZ-TK FAN FORCED RECESSED MOUNTED HEATER, 200W/1A, 5000W. PROVIDE WALL THERMOSTAT SET AT 60".
 - ENCLOSED W.P. 100A/2M DISCONNECT SWITCH MOUNTED 6" BELOW DECK RAMP. PROVIDE PHENOLIC LABEL AT DEVICE. COORDINATE LOCATION FOR PROPER WORKING CLEARANCES.
 - BEER COOLER CONDENSING UNIT ALTERNATOR CONTROL BOX. WIRE PER DETAIL 8 ON SHEET E5. PROVIDED BY ELECTRICAL CONTRACTOR.
 - NEON SIGN RECEPTACLE SWITCHES. COORDINATE LOCATION WITH VOLUME CONTROL SWITCH. SEE KITCHEN ELEVATIONS FOR DETAIL.
 - ROUTE NEON SIGN OUTLETS THROUGH WALL SWITCH LOCATED ADJACENT TO VOLUME CONTROL SWITCH.
 - 120V CIRCUIT FOR NEON SIGN. COORDINATE EXACT LOCATIONS WITH OWNER PRIOR TO ROUGH-IN.
 - JUNCTION BOX ON HOOD. STUB CONDUIT ABOVE CEILING FOR OIL RECOVERY LOW VOLT SIGNALING. COORDINATE WITH BUBBA'S REPRESENTATIVE FOR FURTHER DIRECTIONS.
 - JUNCTION BOX AT 72" AFF. STUB CONDUIT ABOVE DRY STORAGE CEILING FOR OIL RECOVERY LOW VOLT SIGNALING. COORDINATE WITH BUBBA'S 33 REPRESENTATIVE FOR FURTHER DIRECTIONS.
 - GREASE RECLAMATION TANK (LIGHT/ALARM) POWER SUPPLY 110V/20A DEDICATED CIRCUIT ON A NON-GFCI BREAKER IN A WEATHERPROOF BOX. TANK WILL BE FHW-WIRED TO BUILDING DISCONNECT. MAY BE REQUIRED.
 - LED TAPE LIGHTING UNDER BAR. COORDINATE WITH BUBBA'S 33 REPRESENTATIVE FOR FINAL LOCATION. LED TAPE MAX RUN IS 20'. LED DIMMERS ARE MOUNTED INSIDE THE BAR AT THE MOUNTING OF THE BAR, AND THE ELECTRICAL CONTRACTOR SHALL MAKE A CHANGE FOR THE LOW VOLTAGE WIRING TO PASS THROUGH THE BAR OR WALL. BEFORE THE BAR TOP IS INSTALLED.
 - SWITCH FOR LED TAPE LIGHTING UNDER BAR. COORDINATE WITH BUBBA'S 33 REPRESENTATIVE FOR FINAL LOCATION.
 - LED SWITCH BANK. DOUBLE GANG J-BOX 60" AFF.
 - LED SERVICE JUNCTION. COORDINATE WITH BUBBA'S 33 REPRESENTATIVE.
 - LED TAPE UNDER THE LEGS/TOP AT FRONT DINING. THE EXTERIOR TOP CAN BRING POWER UP THROUGH THE LOW WALL IT'S MOUNTED TO AND THE OVERSIZED TOP. SINCE IT ASKS THE STOREFRONT GLASS, WILL BRING POWER UP ONE OF THE TWO LEGS. LED TAPE STRIP TO BE CONTROLLED THROUGH A SWITCH AT THE OVERSIZED LED TOP STRIPS ARE INSTALLED BY THE ELECTRICAL CONTRACTOR AND PROVIDED BY OWNER'S VENDOR.
 - ENCLOSED W.P. 30A/2M DISCONNECT SWITCH MOUNTED 43" AFF FOR BOOSTER PUMP. PROVIDE PHENOLIC LABEL AT DEVICE. COORDINATE LOCATION FOR PROPER WORKING CLEARANCES.
 - THREE (3) JUNCTION BOXES AT 48" AFF MAX FOR SECURITY, FIRE, AND PULL STATION. ROUGH-IN J-BOXES TO BE STUBBED UP TO ABOVE CEILING FOR LOW VOLTAGE CABLE.
 - TWO (2) JUNCTION BOXES AT 48" AFF MAX FOR SECURITY AND FIRE. FULL STATION. ROUGH-IN J-BOXES TO BE STUBBED UP TO ABOVE CEILING FOR LOW VOLTAGE CABLE.
 - JUNCTION BOX AT 48" AFF MAX FOR FIRE PULL STATION. ROUGH-IN J-BOX TO BE STUBBED UP TO ABOVE CEILING FOR LOW VOLTAGE CABLE.
 - JUNCTION BOXES FOR RESET SWITCHES FOR EACH DUCT SENSOR AS REQUIRED. MOUNT VERTICALLY.

ALL WORK SHALL BE PERFORMED BY ELECTRICAL CONTRACTOR UNLESS STATED OTHERWISE.

- GENERAL NOTES**
- REFER TO MECHANICAL DRAWINGS FOR EXACT LOCATION AND REQUIREMENTS OF ALL MECHANICAL EQUIPMENT SHOWN ON THIS DRAWING.
 - REFER TO PLUMBING DRAWINGS FOR EXACT LOCATION AND REQUIREMENTS OF ALL PLUMBING EQUIPMENT SHOWN ON THIS DRAWING.

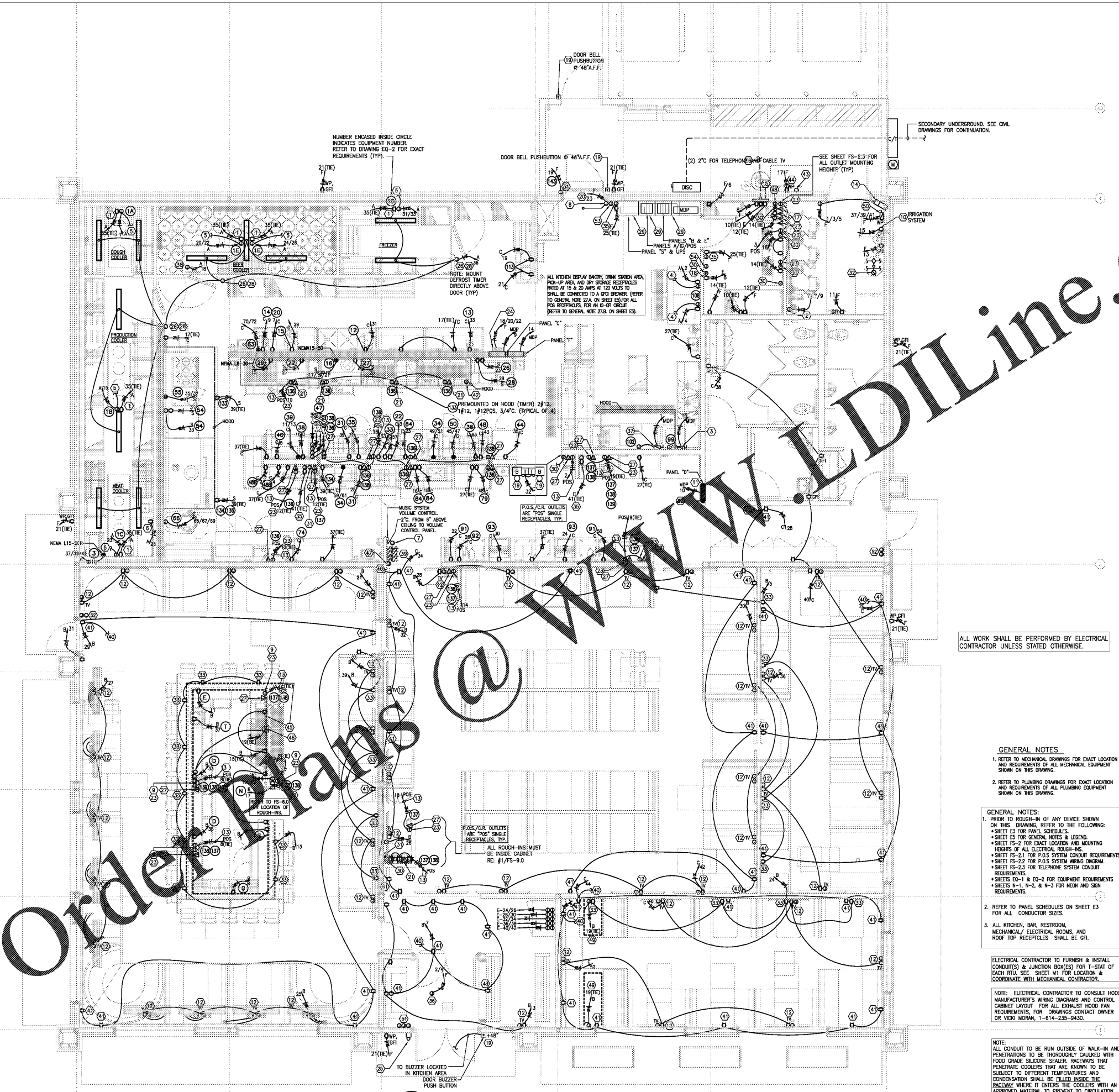
- GENERAL NOTES:**
- PRIOR TO ROUGH-IN OF ANY DEVICE SHOWN ON THIS DRAWING, REFER TO THE FOLLOWING:
 - SHEET E3 FOR PANEL SCHEDULES.
 - SHEET E5 FOR GENERAL NOTES & LEGEND.
 - SHEET FS-2 FOR EXACT LOCATION AND MOUNTING HEIGHTS OF ALL ELECTRICAL ROUGH-INS.
 - SHEET FS-2.1 FOR P.O.S. SYSTEM CONDUIT REQUIREMENTS.
 - SHEET FS-2.2 FOR P.O.S. SYSTEM WIRING DIAGRAM.
 - SHEET FS-2.3 FOR TELEPHONE SYSTEM CONDUIT REQUIREMENTS.
 - SHEETS E-1 & E-2 FOR EQUIPMENT REQUIREMENTS.
 - SHEETS N-1, N-2, & N-3 FOR NEON AND SIGN REQUIREMENTS.
 - REFER TO PANEL SCHEDULES ON SHEET E3 FOR ALL CONDUCTOR SIZES.
 - ALL KITCHEN, BAR, RESTROOM, MECHANICAL, ELECTRICAL ROOMS, AND ROOF TOP RECEPTACLES SHALL BE GFI.

ELECTRICAL CONTRACTOR TO FURNISH & INSTALL CONDUITS(S) & JUNCTION BOX(ES) FOR 1-STAT OF EACH RILL. SEE SHEET M1 FOR LOCATION & COORDINATE WITH MECHANICAL CONTRACTOR.

NOTE: ELECTRICAL CONTRACTOR TO CONSULT HOOD MANUFACTURER'S WIRING DIAGRAMS AND CONTROL CABINET LAYOUT FOR ALL EXHAUST HOOD FAN REQUIREMENTS. FOR DRAWINGS CONTACT OWNER OR VENDOR. 1-614-235-8420.

NOTE: ALL CONDUIT TO BE RUN OUTSIDE OF WALK-IN AND PENETRATIONS TO BE THOROUGHLY CALKED WITH FOOD GRADE SILICONE SEALER. RACKWAYS THAT PENETRATE COOLERS THAT ARE KNOWN TO BE SUBJECT TO DIFFERENT TEMPERATURES AND CONDENSATION SHALL BE FLETT INSIDE THE RACKWAY WHERE IT ENTERS THE COOLER WITH AN APPROVED MATERIAL TO PREVENT TO CIRCULATION OF WARM AIR TO THE COOLER SECTION. (SEE 300.7 OF NFPA 70).

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1 POWER PLAN
E1 SCALE: 1/4" = 1'-0"



PROFESSIONAL SEAL

GREENBERGFARROW COA #P-1359

PROFESSIONAL IN CHARGE
GUDDO INGA ALVAREZ
PROJECT MANAGER
A.B.
QUALITY CONTROL
C.L.A.
DRAWN BY
A.B.

PROJECT NAME
BUBBA'S 33

PROJECT LOCATION
GASTONIA NORTH CAROLINA

3287 E. FRANKLIN BLVD.



PROJECT NUMBER
20181046.0

SHEET TITLE

POWER PLAN LEGEND AND DETAILS

SHEET NUMBER

E1