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Restaurant Depot / BREWSTER, NY

DANBURY ROAD (LOT 48) [BLOCK 0002]

BREWSTER, NY 10509
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REVISIONS

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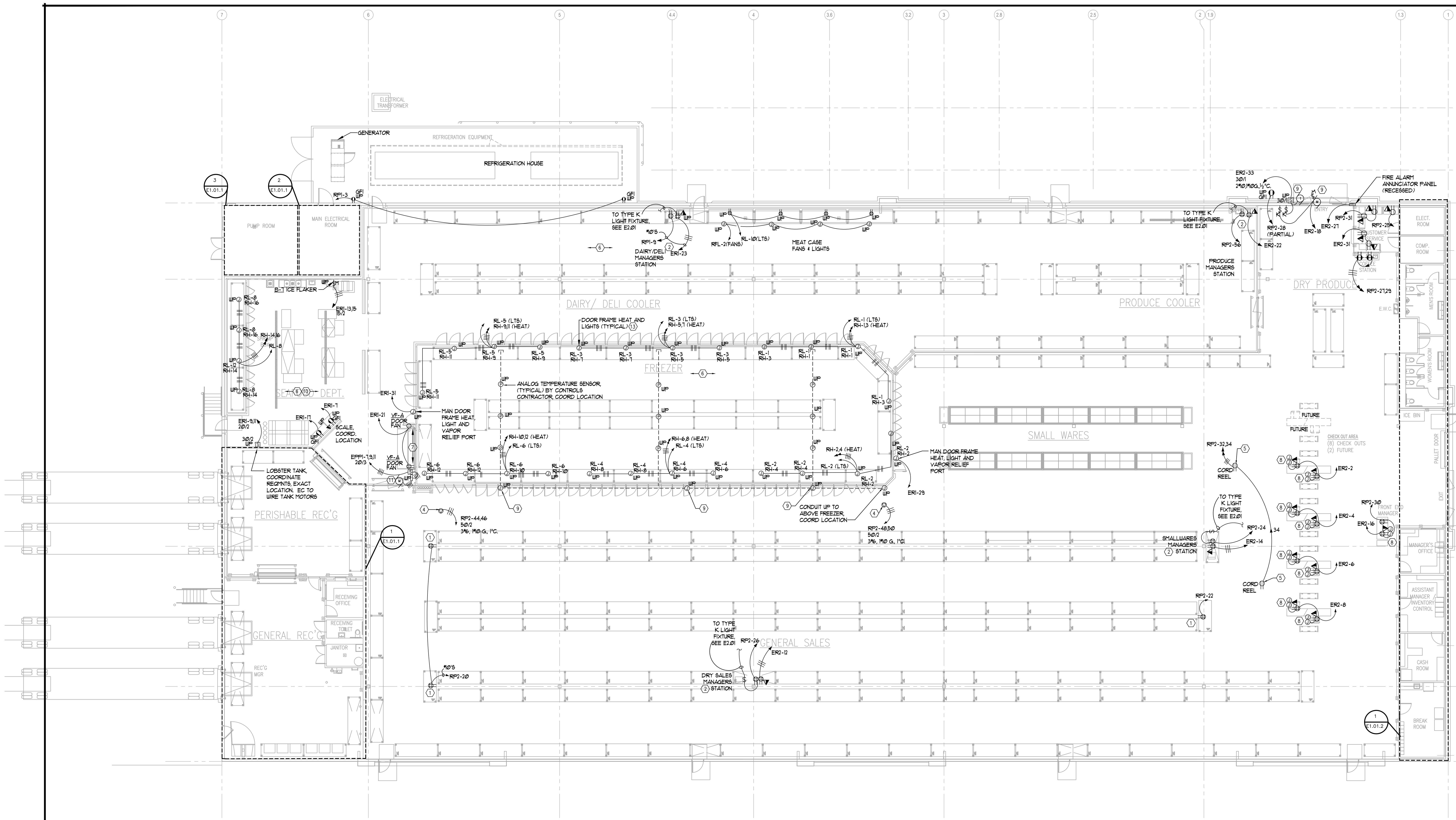
FLOOR PLAN - ELECTRICAL

DATE: 9/10/2020

JOB NO. 19230

E1.01

SHEET NO.



1 FLOOR PLAN - ELECTRICAL

E1.01 3/32"=1'-0"

GENERAL NOTES

- ALL DEVICES SHALL BE CONSIDERED NEW UNLESS NOTED OTHERWISE.
- COORDINATE ALL DEVICE LOCATIONS WITH THE ARCHITECT, OWNERS REPRESENTATIVE, EQUIPMENT, & MILLWORK
- COORDINATE ALL EQUIPMENT EXACT LOCATIONS AND MOUNTING HEIGHTS WITH OWNERS REPRESENTATIVE, EQUIPMENT INSTALLER, AND ARCHITECT PRIOR TO ROUGH-IN.
- PROVIDE FINAL CONNECTIONS TO ALL EQUIPMENT. COORDINATE ELECTRICAL CONNECTION REQUIREMENTS, PROVIDE NEMA RECEPTACLES TO MATCH CORD & PLUG EQUIPMENT, PROVIDE DISCONNECTS FOR ALL HARDWIRED EQUIPMENT. COORDINATE ALL ELECTRICAL REQUIREMENTS WITH REFRIGERATION AND EMS VENDOR.
- PROVIDE WATERPROOF DEVICES, CONNECTIONS, ETC. IN AREAS SUBJECT TO SPRAY DURING CLEANING (COOLERS, FREEZERS, ETC.)
- PROVIDE ADDITIONAL RECEPTACLES WITH CABLING, CONDUIT AND JUNCTION BOXES ON A PER COST BASIS. DEDICATED CIRCUITS OR THE ADDITION OF DEVICES TO AN ORIGINAL EXCEEDS THAT CIRCUITS CAPACITY AND AN ADDITIONAL CIRCUIT IS REQUIRED SHALL REQUIRE PER COST BASIS TO INCLUDE A CIRCUIT BREAKER.
- TEMP SENSOR PIPE TO BE SEALED TO AVOID COLD AIR AND FALSE READINGS.

- RACEWAYS EXPOSED TO DIFFERENT TEMPERATURES SHALL BE SEALED PER NEC 300.7.
- COORDINATE ALL SECURITY SYSTEM DEVICE LOCATIONS, MOUNTING HEIGHTS, QUANTITY OF DEVICES AND ELECTRICAL CONNECTION REQUIREMENTS & CONTROLS INTERFACE WITH SECURITY SYSTEM REPRESENTATIVE/INSTALLER AND OWNER REPRESENTATIVE.
- MC CABLE MAY BE INSTALLED IN WALLS AND MILLWORK ONLY.
- COOLER AND FREEZER AREAS ARE CONSIDERED DAMP LOCATIONS BY THE NEC. EMS CONTROLS DO NOT REQUIRE WEATHERPROOF DEVICES, CONNECTIONS, ETC.

HOMERUNS SHOWN WITH ONE CIRCUIT SERVED FROM 20A/1P CIRCUIT BREAKERS MAY BE COMBINED IN GROUPS OF TWO (2) OR THREE (3) TO SHARE CONDUIT, NEUTRAL, AND GROUND. CIRCUITS SHARING NEUTRAL MUST BE OF DIFFERENT PHASES. PROVIDE UL-LISTED HANDLE-TIES BETWEEN 1-POLE CIRCUIT BREAKERS SERVING PHASE CONDUCTORS "HOTS" SHARING A NEUTRAL CONDUCTOR IN ORDER TO SIMULTANEOUSLY DISCONNECT POWER TO ALL CIRCUITS.

LEGEND NOTES

- RACK MOUNTED RECEPTACLE. MOUNT IN FLUE SPACE BEHIND END CAP. COORDINATE WITH RACKS AND RESTAURANT DEPOT REPRESENTATIVE.
- MANAGER STATION POWER AND DATA MOUNTED AT 52" AFF TO BOTTOM OF BOX.
- COORDINATE ALL ELECTRICAL CONNECTION REQUIREMENTS, CONTROLS LOCATION & CONTROLS INTERFACE WITH DOOR MANUFACTURER, DOOR SPECIFICATIONS, DOOR INSTALLER AND OWNER REPRESENTATIVE. COORDINATE KEY SWITCH LOCATION PRIOR TO ROUGH-IN.
- PROVIDE 50 AMP TWISTLOCK RECEPTACLE FOR SPIDER BOX PORTABLE POWER DISTRIBUTION UNIT. PROVIDE CONSTRUCTION ELECTRICAL PRODUCTS #60505U STEEL POWER BOX, #4505M POWER CORD, OR EQUAL. COORDINATE NEMA TYPE WITH EQUIPMENT PROVIDED. COORDINATE EXACT LOCATION WITH RO MANAGER AND GENERAL CONTRACTOR. PROVIDE 50' CORD. COORDINATE LOCATION WITH OWNER PRIOR TO ROUGH-IN.
- PROVIDE DROP CORD REEL REELCRAFT L70075 123 7 OR EQUAL INCLUDING STANDARD 20 AMP 120 VOLT PLUG. COORDINATE EXACT LOCATION OF DROP REEL CORD WITH OWNERS REPRESENTATIVE PRIOR TO ROUGH-IN. MOUNT RECEPTACLE TO STRUCTURE.
- COOLER AND FREEZER AREAS ARE CONSIDERED DAMP LOCATIONS BY THE NEC. EMS CONTROLS DO NOT REQUIRE WEATHERPROOF DEVICES, CONNECTIONS, ETC.
- COORDINATE MOUNTING HEIGHT OF DOOR FAN RECEPTACLE WITH MECHANICAL CONTRACTOR AND DOOR MANUFACTURER/INSTALLER.
- PROVIDE UNISTRUT SUPPORT FOR POWER POLE, LENGTH AS REQUIRED TO SPAN JOISTS. EXTEND POWER POLE 3" MINIMUM ABOVE CENTERLINE OF UNISTRUT. PROVIDE 12" PVC SLEEVE AND UNISTRUT POWER POLE FROM JOIST TO MANUFACTURER PROVIDED VERTICAL CHANNELS AT REGISTERS AND FRONT END MANAGERS STATION. PROVIDE (2) 1" CONDUITS FOR TELE/DATA CABLING. REFER TO POWER POLE DETAIL ON SHEET E0.02. PROVIDE NO HOLE UNISTRUT WITH CAP IF OVER 20 FEET.
- PROVIDE 3/4" RIGID CONDUIT EXTENDING FROM CURB TO CURB ACROSS THE FREEZER WITH SEALED RIGID CAPS. JUNCTION BOXES ON DRY SIDES SHALL BE FLUSH MOUNTED IN THE TOP OF THE CURB AND SHALL BE PIPED HORIZONTALLY TOGETHER WITHIN CURB TO A SINGLE STUB UP LOCATION ON DRY SALES SIDE TO TOP OF REFRIGERATED BOX. EXTEND CONDUIT TO CONTROL BOX. REFER TO ISOMETRIC FREEZER CURB & SLAB DETAIL ON SHEET E0.02.
- COORDINATE ALL DEVICE LOCATIONS IN THE SEAFOOD AREA. COORDINATE ALL EQUIPMENT ELECTRICAL CONNECTIONS AND REQUIREMENTS WITH EQUIPMENT VENDOR. ADJUST CIRCUITRY AS REQUIRED.
- COORDINATE MOTOR AND CONTROLLER AND ALL ELECTRICAL CONNECTION REQUIREMENTS, CONTROLS LOCATION & CONTROLS INTERFACE WITH DOOR MANUFACTURER, DOOR SPECIFICATIONS, AND DOOR INSTALLER. PROVIDE ALL ELECTRICAL CONNECTIONS TO THE MOTOR, FANS, THERMAL HEAT SEAL, AND BLOWER MOTOR. THERMAL HEAT SEAL AND BLOWER MOTOR SHALL BE CONNECTED TO THE FAN CIRCUIT. PROVIDE CONNECTIONS TO THE LOW VOLTAGE CABLING FOR VIRTUAL VISION LED LIGHTS, MOTION SENSORS, AND PHOTOSENSORS. MAKE CONNECTIONS FROM THE JUNCTION BOX TO THE CONTROL BOX. PROVIDE ALL CONDUIT AND WIRING FOR THE CHAIN HOIST, HEATED PULL CORD OR NONHEATED PULL CORD AS APPLICABLE. REFER TO DOOR NOTES ON E1.01.1 AND MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR ADDITIONAL INFORMATION.
- PROVIDE WEATHERPROOF JUNCTION BOX FOR FREEZER DOORS (DOOR FRAME, HEAT AND LIGHTS) TO BE MOUNTED WITHIN FREEZER 2" ABOVE DOOR FRAME. VERTICAL CONDUIT SHALL BE MINIMIZED AND LOCATED BEHIND RACKING UPRIGHTS. CONNECT JUNCTION BOXES HORIZONTALLY WHERE POSSIBLE. TYPICAL FOR ALL FREEZER DOORS.