



starr design

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CONSTRUCTION DOCUMENTS  
05/10/18

No.	Description	Date



POWER PLAN

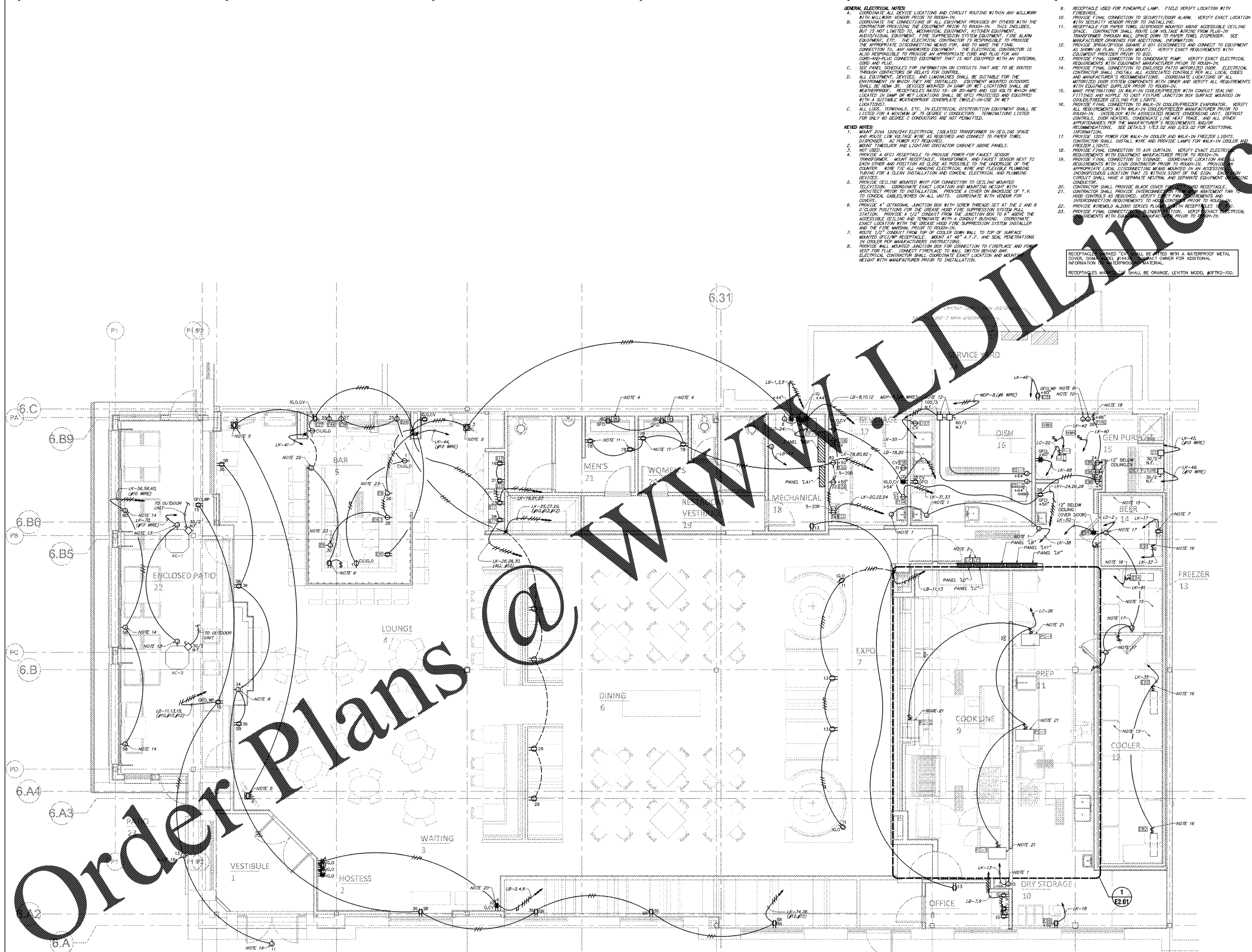
E1.01

- GENERAL ELECTRICAL NOTES:**
- COORDINATE ALL DEVICE LOCATIONS AND CIRCUIT ROUTING WITHIN ANY MILLWORK WITH MILLWORK VENDOR PRIOR TO ROUGH-IN.
  - COORDINATE THE CONNECTIONS OF ALL EQUIPMENT PROVIDED BY OTHERS WITH THE CONTRACTOR PROVIDING THE EQUIPMENT PRIOR TO ROUGH-IN. THIS INCLUDES, BUT IS NOT LIMITED TO, MECHANICAL EQUIPMENT, KITCHEN EQUIPMENT, AUDIO/VISUAL EQUIPMENT, FIRE SUPPRESSION SYSTEM EQUIPMENT, FIRE ALARM EQUIPMENT, ETC. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE TO PROVIDE THE APPROPRIATE DISCONNECTING MEANS FOR, AND TO MAKE THE FINAL CONNECTION TO, ANY HARDWIRED EQUIPMENT. THE ELECTRICAL CONTRACTOR IS ALSO RESPONSIBLE TO PROVIDE AN APPROPRIATE COPD AND PFC FOR ANY COPD-AND-PFC CONNECTED EQUIPMENT THAT IS NOT EQUIPPED WITH AN INTERNAL COPD AND PFC.
  - SEE PANEL SCHEDULES FOR INFORMATION ON CIRCUITS THAT ARE TO BE ROUTED THROUGH CONTACTORS OR RELAYS FOR CONTROL.
  - ALL EQUIPMENT, DEVICES, AND LIMITERS SHALL BE SUITABLE FOR THE ENVIRONMENT IN WHICH THEY ARE INSTALLED. EQUIPMENT MOUNTED OUTDOORS SHALL BE VIEW-OR DEVICES MOUNTED IN DAMP OR WET LOCATIONS SHALL BE WEATHERPROOF. RECEPTACLES RATED 15- OR 20-AMPS AND 120 VOLTS WHICH ARE LOCATED IN DAMP OR WET LOCATIONS SHALL BE GFCI PROTECTED AND EQUIPPED WITH A SUITABLE WEATHERPROOF COVERPLATE (WHILE-IN-USE IN RET. LOCATIONS).
  - ALL LINES, TERMINALS, ETC. IN ELECTRICAL DISTRIBUTION EQUIPMENT SHALL BE LISTED FOR A MINIMUM OF 75 DEGREE C CONDUCTORS. TERMINATIONS LISTED FOR ONLY 60 DEGREE C CONDUCTORS ARE NOT PERMITTED.
- NOTED NOTES:**
- MOUNT 200A 120V/24V ELECTRICAL ISOLATED TRANSFORMER IN CEILING SPACE AND ROUTE LOW VOLTAGE WIRE AS REQUIRED AND CONNECT TO PAPER TUBE DISPENSER. AC POWER NOT REQUIRED.
  - MOUNT TIMELOCK AND LIGHTING CONTACTOR CABINET ABOVE PANELS.
  - NOT USED.
  - PROVIDE A GFCI RECEPTACLE TO PROVIDE POWER FOR FAUCET SENSOR TRANSFORMER. MOUNT RECEPTACLE, TRANSFORMER, AND FAUCET SENSOR NEXT TO EACH OTHER AND POSITION AS CLOSE AS POSSIBLE TO THE UNDERSIDE OF THE COUNTER. WIRE TIE ALL HANGING ELECTRICAL WIRE AND FLEXIBLE PLUMBING TUBING FOR A CLEAN INSTALLATION AND COVER ELECTRICAL AND PLUMBING DEVICES.
  - PROVIDE CEILING MOUNTED WHIP FOR CONNECTION TO CEILING MOUNTED TELEVISION. COORDINATE EXACT LOCATION AND MOUNTING HEIGHT WITH ARCHITECT PRIOR TO INSTALLATION. PROVIDE A COVER ON BACKSIDE OF T.V. TO CONCEAL CABLES/WIRES ON ALL UNITS. COORDINATE WITH VENDOR FOR COVERS.
  - PROVIDE 4" OCTAGONAL JUNCTION BOX WITH SCREW THREADS SET AT THE 2 AND 8 O'CLOCK POSITIONS FOR THE GREASE HOOD FIRE SUPPRESSION SYSTEM PULL STATION. PROVIDE A 1/2" CONDUIT FROM THE JUNCTION BOX TO 4" ABOVE THE ACCESSIBLE CEILING AND TERMINATE WITH A CONDUIT BUSHING. COORDINATE EXACT LOCATION WITH THE GREASE HOOD FIRE SUPPRESSION SYSTEM INSTALLER AND THE FIRE MARSHAL PRIOR TO ROUGH-IN.
  - ROUTE 1/2" CONDUIT FROM TOP OF COOLER DOWN WALL TO TOP OF SURFACE MOUNTED DISPLAY RECEPTACLE. MOUNT AT 48" A.F.F. AND SEAL PENETRATIONS IN COOLER PER MANUFACTURER'S INSTRUCTIONS.
  - PROVIDE WALL MOUNTED JUNCTION BOX FOR CONNECTION TO FIREPLACE AND POWER VENT FOR FLUE. CONNECT FIREPLACE TO WALL SWITCH BEHIND BAR. ELECTRICAL CONTRACTOR SHALL COORDINATE EXACT LOCATION AND MOUNTING HEIGHT WITH MANUFACTURER PRIOR TO INSTALLATION.

- RECEPTACLE USED FOR PINEAPPLE LAMP. FIELD VERIFY LOCATION WITH FIREBIRDS.
- PROVIDE FINAL CONNECTION TO SECURITY/DOOR ALARM. VERIFY EXACT LOCATION WITH SECURITY VENDOR PRIOR TO INSTALLATION.
- RECEPTACLE FOR PAPER TUBE DISPENSER MOUNTED ABOVE ACCESSIBLE CEILING. SMALL CONTRACTOR SHALL ROUTE LOW VOLTAGE WIRING FROM PFC-IN TRANSFORMER THROUGH WALL SPACE DOWN TO PAPER TUBE DISPENSER. SEE MANUFACTURER DRAWINGS FOR ADDITIONAL INFORMATION.
- PROVIDE 3/8" DIA. SPACER SQUARE 0.891 DISCONNECTS AND CONNECT TO EQUIPMENT AS SHOWN ON PLAN. (FLUSH MOUNT). VERIFY EXACT REQUIREMENTS WITH EQUIPMENT MANUFACTURER PRIOR TO BID.
- PROVIDE FINAL CONNECTION TO ENCLOSED PATIO MOTORIZED DOOR. ELECTRICAL CONTRACTOR SHALL INSTALL ALL ASSOCIATED CONTROLS PER ALL LOCAL CODES AND MANUFACTURER'S RECOMMENDATIONS. COORDINATE LOCATIONS OF ALL MOTORIZED DOOR SYSTEM COMPONENTS WITH OWNER AND VERIFY ALL REQUIREMENTS WITH EQUIPMENT SUPPLIER PRIOR TO ROUGH-IN.
- MAKE PENETRATIONS IN WALK-IN COOLER/FREEZER WITH CONDUIT SEALING FITTINGS AND NIPPLE TO EACH FITTING. JUNCTION BOX SURFACE MOUNTED ON COOLER/FREEZER CEILING FOR LIGHTS.
- PROVIDE FINAL CONNECTION TO WALK-IN COOLER/FREEZER EVAPORATOR. VERIFY ALL REQUIREMENTS WITH WALK-IN COOLER/FREEZER MANUFACTURER PRIOR TO ROUGH-IN. INTERLOCK WITH ASSOCIATED REMOTE CONDENSING UNIT, DEHUMIDIFIERS, DOOR HEATERS, CONDENSATE HEAT TRACES, AND ALL OTHER APPLIANCES PER THE MANUFACTURER'S REQUIREMENTS AND/OR RECOMMENDATIONS. SEE DETAILS 1/23.02 AND 2/23.02 FOR ADDITIONAL INFORMATION.
- PROVIDE 120V POWER FOR WALK-IN COOLER AND WALK-IN FREEZER LIGHTS. CONTRACTOR SHALL INSTALL WIRE AND PROVIDE LAMPS FOR WALK-IN COOLERS AND FREEZER LIGHTS.
- PROVIDE FINAL CONNECTION TO AIR CURTAIN. VERIFY EXACT ELECTRICAL REQUIREMENTS WITH EQUIPMENT MANUFACTURER PRIOR TO ROUGH-IN.
- PROVIDE FINAL CONNECTION TO SIGNAGE. COORDINATE LOCATION AND ALL REQUIREMENTS WITH SIGN CONTRACTOR PRIOR TO ROUGH-IN. PROVIDE AN APPROPRIATE LOCAL DISCONNECTING MEANS MOUNTED IN AN ACCESSIBLE AND PROTECTED LOCATION THAT IS WITHIN SIGHT OF THE SIGN. EACH LIGHTING CIRCUIT SHALL HAVE A SEPARATE NEUTRAL AND SEPARATE EQUIPMENT GROUNDING CONDUCTOR.
- CONTRACTOR SHALL PROVIDE BLACK COVER OVER ALL RECEPTACLES.
- PROVIDE FINAL CONNECTION TO SIGNAGE. COORDINATE LOCATION AND ALL REQUIREMENTS WITH SIGN CONTRACTOR PRIOR TO ROUGH-IN.
- PROVIDE WYEMOLD 4/2000 SERIES PULL STATION RECEPTACLES PER MANUFACTURER'S INSTRUCTIONS.
- PROVIDE FINAL CONNECTION TO SERVICE VENDOR. VERIFY EXACT ELECTRICAL REQUIREMENTS WITH SERVICE VENDOR PRIOR TO ROUGH-IN.

RECEPTACLES MARKED "C" SHALL BE FITTED WITH A WATERPROOF METAL COVER, SIGN MODEL #1443. CONTACT OWNER FOR ADDITIONAL INFORMATION. (SEE DRAWING ATTACHED)

RECEPTACLES MARKED "O" SHALL BE ORANGE. LEVITON MODEL #3TR2-100.



Order Plans

