

LEGEND

- Lighting and/or power panel, recessed or surface mounted. See panel schedule for size and mounting. Special purpose electrical panel or equipment, specified on DWGS. Home-run wiring. LPH#-# indicates panel number and circuit number or numbers. (FAR) indicates partial circuit. See panel schedule for wiring size. Ceiling mounted fluorescent lighting fixture. F1 indicates fixture type (see lighting fixture schedule). LPH1-1 indicates circuit number. Lighting fixture wired for normal operation and emergency operation. Run emergency in separate conduit from normal power. See lighting fixture schedule. Wall mounted lighting fixture. See lighting fixture schedule. Strip fluorescent lighting fixture. See lighting fixture schedule. Exit sign light. Fixture type and circuit number indicated. Switch, 120/277 VOLT, AC, 20 AMP, SINGLE POLE, ROMAN NUMERAL EQUALS NUMBER OF SWITCHES GANGED UNDER A COMMON COVER PLATE. ARROW-HART CAT. NO. 19911. Switch, 120/277 VOLT, AC, 20 AMP, THREE-WAY ARROW-HART CAT. NO. 19931. Switch, 120/277 VOLT, AC, 20 AMP, SINGLE POLE WITH FLOOD LIGHT, WEATHER PROOF ENCLOSURE ARROW-HART CAT. NO. 19911. Switch, 120/277 VOLT, AC, 20 AMP, THREE WAY WITH FLOOD LIGHT, WEATHER PROOF ENCLOSURE ARROW-HART CAT. NO. 19931. Motor rated disconnect switch voltage and amps as required for application. Motor rated disconnect switch with thermal overload protection, voltage and amps as required for application. Motor rated mechanical timer, range 0-60 mins. spst. voltage and amps as required for application. Disconnect switch, fused, sized as required by national electric code. Disconnect switch, unfused, sized as required by national electric code. Junction box - wall mounted, see DWGS. Junction box - floor or ceiling mounted, see DWGS. 20 AMP, 125 VOLT, SIMPLEX, NEMA 5-20R WALL RECEPTACLE, MOUNTING HEIGHT 2'-0" AFF UNLESS OTHERWISE NOTED. HUBBELL CAT. NO. 5362. 20 AMP, 125 VOLT, DUPLEX, NEMA 5-20R WALL RECEPTACLE, MOUNTING HEIGHT 2'-0" AFF UNLESS OTHERWISE NOTED. HUBBELL CAT. NO. 5362. 20 AMP, 125 VOLT, QUAD, (2) NEMA 5-20R WALL RECEPTACLE, MOUNTING HEIGHT 2'-0" AFF UNLESS OTHERWISE NOTED. HUBBELL CAT. NO. 5362. 20 AMP, 125 VOLT, DUPLEX, NEMA 5-20R RECEPTACLE MOUNTED IN EQUIPMENT KICKPLATE, HUBBELL CAT. NO. 5362 BLACK WITH BLACK METAL COVER PLATE. 20 AMP, 125 VOLT, SIMPLEX, NEMA 5-20R 1G RECEPTACLE MOUNTING HEIGHT 2'-0" AFF UNLESS OTHERWISE NOTED. HUBBELL CAT. NO. 10-5362 ORANGE. 20 AMP, 125 VOLT, DUPLEX, NEMA 5-20R 1G RECEPTACLES MOUNTING HEIGHT 2'-0" AFF UNLESS OTHERWISE NOTED. HUBBELL CAT. NO. 10-5362 ORANGE. 20 AMP, 125 VOLT, QUAD, (2) NEMA 5-20R 1G RECEPTACLES MOUNTING HEIGHT 2'-0" AFF UNLESS OTHERWISE NOTED. HUBBELL CAT. NO. 10-5362 ORANGE. 20 AMP, 125 VOLT, NEMA 15-20R WALL RECEPTACLE, MOUNTING HEIGHT 2'-0" AFF UNLESS OTHERWISE NOTED. ARROW-HART CAT. NO. 6200. 20 AMP, 120/208 VOLT, 3 PHASE, NEMA 121-20R WALL RECEPTACLE, MOUNTING HEIGHT 2'-0" AFF UNLESS OTHERWISE NOTED. ARROW-HART CAT. NO. 6470 AND CAP CAT. NO. 6472. 20 AMP, 250 VOLT, DUPLEX, NEMA 6-20R WALL RECEPTACLE, MOUNTING HEIGHT 2'-0" AFF UNLESS OTHERWISE NOTED. ARROW-HART CAT. NO. 5461 AND CAP CAT. NO. 6865. 30 AMP, 250 VOLT, 3 PHASE, DUPLEX, NEMA 15-30R WALL RECEPTACLE, MOUNTING HEIGHT 2'-0" AFF UNLESS OTHERWISE NOTED. ARROW-HART CAT. NO. 8430 AND CAP CAT. NO. 8432. 30 AMP, 125/250 VOLT, DUPLEX, NEMA 14-30R WALL RECEPTACLE, MOUNTING HEIGHT 2'-0" AFF UNLESS OTHERWISE NOTED. ARROW-HART CAT. NO. 5744 AND CAP CAT. NO. 5746. 30 AMP, 250 VOLT, 1 PHASE, NEMA 16-30R WALL RECEPTACLE, MOUNTING HEIGHT 2'-0" AFF UNLESS OTHERWISE NOTED. ARROW-HART CAT. NO. 6340 AND CAP CAT. NO. 6342. 30 AMP, 480 VOLT, 3 PHASE RECEPTACLE, MOUNTING HEIGHT 5'-0" AFF UNLESS OTHERWISE NOTED. METRIC PLUS CAT#S JBOX/ANGLE 61-34023-080-1 RECEPTACLE W/STOP PAIL. 63-34043-453 HANDLE 61-34013 HANDLE INLET W/Ø HOLE 63-38167-1155 HANDLE CAP 61-34826 NO SUBSTITUTIONS. 20 AMP, 250 VOLT, DUPLEX, NEMA 15-20R WALL RECEPTACLE, MOUNTING HEIGHT 2'-0" AFF UNLESS OTHERWISE NOTED. ARROW-HART CAT. NO. 6420. 30 AMP, 125 VOLT, 1 PHASE, NEMA 15-30R WALL RECEPTACLE, MOUNTING HEIGHT 2'-0" AFF UNLESS OTHERWISE NOTED. ARROW-HART CAT. NO. 6330 AND CAP CAT. NO. 6332. 30 AMP, 208 VOLT, 3 PHASE RECEPTACLE, MOUNTING HEIGHT 5'-0" AFF UNLESS OTHERWISE NOTED. METRIC PLUS CAT#S JBOX/ANGLE 61-34023-080-1 RECEPTACLE W/STOP PAIL. 63-34167-453 HANDLE 61-34013 HANDLE INLET W/Ø HOLE 63-38167-1155 HANDLE CAP 61-34826 NO SUBSTITUTIONS. 20 AMP, 480 VOLT, 3 PHASE, NEMA 16-20R WALL RECEPTACLE, MOUNTING HEIGHT 2'-0" AFF UNLESS OTHERWISE NOTED. ARROW-HART CAT. NO. 6430 AND CAP CAT. NO. 6432. 20 AMP, 125/250 VOLT, DUPLEX, NEMA 14-20R WALL RECEPTACLE, MOUNTING HEIGHT 2'-0" AFF UNLESS OTHERWISE NOTED. ARROW-HART CAT. NO. 5744 AND CAP CAT. NO. 5746.

NOTE WHEN USED WITH SYMBOL INDICATES DEVICE TO BE MOUNTED IN A WEATHER PROOF ENCLOSURE. WHEN USED WITH RECEPTACLE SYMBOL INDICATES GROUND FAULT INTERRUPTER TYPE RECEPTACLE.

- CAST FLOOR BOX - STEEL CITY CAT. NO. 600-2 WITH COVER CAT. NO. P-60-3AL AND PLUG CAT. NO. 634-H-AL. OUTLET FOR COMPUTER COMMUNICATIONS CIRCUIT - RUN CONDUIT (1" MIN.) FROM DEVICE BACK TO COMPUTER. UON SEE DETAILS AND NOTES. OUTLET FOR BUILDING AUTOMATION SYSTEM CIRCUIT - RUN CONDUIT (1" MIN.) FROM DEVICE BACK TO BAS. UON. SEE DETAILS AND NOTES. TELEPHONE OUTLET - BOX IN WALL WITH 1" CONDUIT TO ABOVE CEILING, MOUNTING HEIGHT 4'-0" AFF UNLESS OTHERWISE NOTED. PRIVATE TELEPHONE DEVICE OUTLET. BUZZER - 24VAC OPERATION - MOUNT AT 7'-6" AFF GRANER #20909 WITH ELECTRICAL POWER TRANSFORMER, 120VAC PRIMARY, 24VAC SECONDARY, #MKT45, MOUNT AT 7'-6" AFF. BELL - 24VAC OPERATION - MOUNT AT 7'-6" AFF EDWARDS CAT. NO. 140-468 WITH ELECTRICAL POWER TRANSFORMER, 120VAC PRIMARY, 24VAC SECONDARY, MOUNT AT 7'-6" AFF EDWARDS CAT. NO. 88-100. SEE ELECTRICAL DETAIL PLAN. PUSH BUTTON - 24VAC OPERATION - MOUNT AT 4'-0" AFF EDWARDS CAT. NO. 1786C-B. TYPICAL PAGING SYSTEM DEVICE (ANY TYPE). TYPICAL ELECTRIC MOTOR, SIZED AND WIRED AS SHOWN. 20 AMP, 125 VOLT, 10, NEMA L5-20, TWIST-LOCK PLUG AND CONNECTOR. ARROW-HART PLUG CAT. NO. 6202 AND CONNECTOR CAT. NO. 6204 BOOT CAT. NO. BMT & BM2 RESPECTIVELY. SEE ELECTRICAL DETAIL PLAN. 20 AMP, 125/250 VOLT, 10, NEMA L14-20, TWIST-LOCK PLUG AND CONNECTOR. ARROW-HART PLUG CAT. NO. 6402 AND CONNECTOR CAT. NO. 6404 BOOT CAT. NO. BLT & BL2 RESPECTIVELY. SEE ELECTRICAL DETAIL PLAN. 20 AMP, 480 VOLT, 30, NEMA L16-20, TWIST-LOCK PLUG AND CONNECTOR. ARROW-HART PLUG CAT. NO. 6432 AND CONNECTOR CAT. NO. 6434 BOOT CAT. NO. BLT & BL2 RESPECTIVELY. SEE ELECTRICAL DETAIL PLAN. SUPPLY WATERPROOF RUBBER BOOTS W/ EACH DROP PLUG AND RECEPTACLE. REFRIGERATION EQUIPMENT CONTROLLER W/ CIRCUIT BREAKER CONNECTION - LIGHTS, FANS, ACH & ELECT. DEFROST. SEE DETAILS ON REFRIGERATION WIRING DIAGRAM. REFRIGERATION SYSTEM CASE RELAY PROVIDED AND INSTALLED BY CASE MANUFACTURER. REFRIGERATION SYSTEM COOLER & FREEZER RELAY PROVIDED & INSTALLED BY CONTRACTOR. ELECTRICAL CONTRACTOR SHALL HOME RUN EACH RELAY TO DESIGNATED PANELBOARDS NOTED ON FLOORPLAN DRAWING. ELECTRICAL CONTRACTOR SHALL PROVIDE WIRING FROM RELAY TO INDIVIDUAL COOLER OR FREEZER EVAPORATOR AS NOTED ON REFRIGERATION WIRING DIAGRAMS. INPUT/OUTPUT CABINET BY CONTRACTOR. ELECTRICAL CONTRACTOR SHALL PROVIDE POWER AS SHOWN ON FLOOR PLAN. MOTION SENSOR - PASSIVE INFRARED TYPE, CORNER MOUNT WATT STOPPER WMP1R. COOLER MOTION SENSOR - PASSIVE INFRARED TYPE, CEILING MOUNT WATT STOPPER WCB-100. HEAT TRACE JUNCTION BOX - WALL MOUNTED. SEE DWGS. VERIFY LOCATION WITH PLUMBING CONTRACTOR. HVAC SENSOR LOCATION (RELATIVE HUMIDITY & TEMPERATURE SENSORS) - SEE ROOF PLAN AND POWER PLAN. UTILITY GAS METER.

GENERAL NOTES: 1. ALL WORK MUST CONFORM TO THE LATEST NATIONAL ELECTRIC CODE, UTILITY, STATE, AND LOCAL REGULATIONS. 2. UNLESS INDICATED BY SPECIFIC DIMENSIONS, DRAWINGS SHALL BE CONSIDERED DIAGRAMMATIC ONLY. COORDINATE WITH OWNER FINAL LOCATION OF EQUIPMENT, FIXTURES, DEVICES AND ROUTING OF WIRING. 3. EACH FEEDER AND BRANCH CIRCUIT SHALL HAVE DEDICATED EQUIPMENT GROUNDING CONDUCTOR, SIZED PER NEC'S TABLE 250-95. 4. ALL WIRING SHALL BE RUN IN CONDUITS (OR SURFACE RACEWAY AND UNDERLOOR DUCT) IF PANELBOARD AND ALL COMMUNICATIONS WIRING TO/FROM R/C PANELBOARD AND ALL COMMUNICATIONS WIRING TO/FROM PROCESSING, TELEPHONE AND C.T.I. SHALL BE RUN IN RMC UNLESS NOTED OTHERWISE. TYPE AC & MC CABLES AND FLEXIBLE CONDUITS ALLOWED ONLY FOR BRANCH CIRCUITS FINAL TO FEET RUN (OR LESS) TO CONNECT FIXTURES AND EQUIPMENT. 5. EMERGENCY FEEDERS AND BRANCH CIRCUITS SHALL BE RUN IN SEPARATE DEDICATED CONDUITS, SEPARATE FROM NORMAL POWER. 6. THE CONTRACTOR SHALL PROVIDE AN EMPTY CONDUIT SYSTEM WITH PULLWIRE FOR THE PDS AND ISP SYSTEMS. 7. ALL BRANCH WIRING SHALL BE MINIMUM #12 AWG COPPER IN RMC CONDUIT, FOR CIRCUITS OVER 100 FEET ONE WAY AND TO BE AWG FOR CIRCUITS OVER 180 FEET ONE WAY. FOR 20 AMP - 277 VOLT CIRCUITS, WIRE SIZE SHALL INCREASE TO #10 AWG FOR CIRCUITS OVER 270 FEET ONE WAY. 8. PROVIDE BLANK COVER PLATES FOR ALL UNUSED BOXES (POWER, TELEPHONE, DATA, AND COMM.) 9. THE TERM PROVIDE SHALL MEAN FURNISHED, INSTALLED, WIRED AND LEFT IN OPERATING CONDITION. 10. THE ELECTRICAL CONTRACTOR SHALL PROVIDE PROTECTIVE SLEEVES FOR ALL LAMPS WHERE FIXTURES ARE LABELED WITH AN "E" (I.E. F206) INCLUDING THOSE FURNISHED BY HSC. ELECTRICAL CONTRACTOR SHALL INSTALL LAMPS FURNISHED BY HSC. 11. ALL ENCLOSURES, DEVICES, SUB ASSEMBLY'S AND FINAL ASSEMBLIES SHALL HAVE BEEN TESTED BY AND BEAR A UL LABEL.

- WIRING AND/OR CONDUIT RUNNING CONCEALED AT CEILING OR IN WALLS, OR RUNNING EXPOSED AT CEILING IN AREAS WITH NO FINISHED CEILING. WIRING IN CONDUIT OR DIRECT BURIAL CABLE CONCEALED TO BAS. UON. SEE DETAILS AND NOTES. REFERIGERATION CONTROL WIRING. ELECTRICAL CONDUIT (X.X) INDICATES SIZE.

- CLOCK BY BALZER FAMILY CLOCK WORKS, FREEPORT, ME 207-852-8871. 1 - 120V ELECTRIC MOVEMENT, 1 - MASTER CONTROL W/ AUTOMATIC RESET FOR PMS OUTAGES & SEASONAL TIME CHANGE, 1 - SET OF 13 STYLE ALUMINUM HANDS PAINTED "SATIN ALUMINUM".

ABBREVIATIONS table with columns for symbol and description. Includes entries for ANTI-CONDENSATE HEATER, ABOVE FINISHED FLOOR, ABOVE FINISHED GRADE, BUILDING AUTOMATION SYSTEM, BUILDING CONTROL SYSTEM, ELECTRIC BASEBOARD, ELECTRICAL CONTRACTOR, EXHAUST FAN, ELECTRICAL METALLIC TUBING, FURNISHED BY OTHERS, GENERAL CONTRACTOR, GROUND FAULT INTERRUPTER, HANNAFORD BROS. CO., INDOOR, ISOLATED GROUND, MAIN CIRCUIT BREAKER, MAIN DISTRIBUTION PANEL, MAIN LUGS ONLY, MOUNTED, NOT IN CONTRACT, NOT TO SCALE, OUTBOARD, PARTIAL CIRCUIT, RIGID METAL CONDUIT, ELECTRICAL SWITCHBOARD, WATERPROOF, UNLESS NOTED OTHERWISE.

ELECTRICAL DRAWING LIST table with columns for drawing number and description. Includes entries for LEGEND AND LIGHTING FIXTURE SCHEDULE, LIGHTING PLAN, POWER PLAN, MECHANICAL PLAN AND DETAILS (NOT USED), ENLARGED PLANS, REFRIGERATION PLAN, UNDERSLAB PLAN, ROOF PLAN, ELECTRICAL DETAILS (NOT USED), MECHANICAL CENTER, REFRIGERATION WIRING DIAGRAMS (NOT USED), PANELBOARD SCHEDULES, POWER RISER DIAGRAM, EQUIPMENT SCHEDULE, SITE PLAN, COMM/DATA SYSTEMS.

LIGHTING FIXTURE SCHEDULE (PORTLAND, RIVERSIDE ST) table with columns for TYPE, MANUFACTURER, CATALOG NUMBER, STYLE/FINISH, DIFFUSER, MOUNTING, LAMPS, and REMARKS. Lists various lighting fixtures such as metalux, holophane, and winona with their respective specifications.