

GENERAL SHEET NOTES:

1. INSTALL EQUIPMENT PER MANUFACTURER'S INSTRUCTIONS.

NOTES BY SYMBOL:

- 6 ROOM TEMPERATURE SENSOR AND TRANSMITTER. RANGE 40 F TO 120 F, OUTPUT 4-20 MA TO PLANT CONTROL SYSTEM. PROVIDE WIRING BETWEEN UNIT AND PLC.
- REFRIGERANT PIPING TO BE HARD DRAWN ACR COPPER TUBING, ASTM B280, BRAZED FITTINGS. BRAZING ALLOY SHALL CONTAIN NO TIN.
- 8 CONDENSATE PIPING SHALL BE STANDARD WEIGHT GALVANIZED STEEL WITH THREADED FITTIMGS, ASTM ASS, TYPE E, GRADE A OR B. GALVANIZED MALLEABLE IRON THREADED FITTINGS, ANSI/ASME 816.3, CLASS 150.
- 10) FLEXIBLE CELLULAR ELASTOMERIC PIPE INSULATION,
 1 1/2" THICKNESS, ONE PIECE MOLDED, PRESLIT,
 ARMAGELL AP/ARMAFLEX, ALUMINUM JACKET ON OUTDOOR
 REFRIGERANT LINES, ALCLAD, 0.24" THICKNESS,
 FUNDOCED.

- HEAT PUMP, 14.1 EER, COOLING CAPACITY 73,700
 BTUH; COOLING OUTDOOR TEMPERATURE 95 F, POWER
 SUPPLY 460V13PH; MULTI-SPLIT; VARIABLE
 REFRIGERANT TEMPERATURE CONTROL, R. 410A INVERTER,
 LOW AMBIENT COOLING TO 0°F; MANUFACTURER: DAIKIN
 VRV-IV MODEL RXYQ98TYDN. OPERATE IN COOLING MODE
 ONLY.
- 2 FAN-COIL, UNDER-CEILING CASSETTE, COOLING CAPACITY: 27,400 BTUH SENSIBLE; 27,600 BTUH TOTAL. AIRFLOW: 300 CFM; ENTERING AIR: 85 FDB, 84 FNB. POWER SUPPLY: 230V11PH. MANUFACTURER: DAIKIN VAY-U MODEL: FXUQREPUUL. MOUNT TO BOTTOM OF TRUSSES. PROVIDE REFINET BRANCH CONNECTOR, REFRIGERANT AND CONDENSATE PIPING AS SHOWN. REFRIGERANT IN ESTZE AS REQUIRED BY LINE (ENGINE REFRIGERANT LINE SIZE AS REQUIRED BY LINE LENGTH, BASED ON MANUFACTURER'S RECOMMENDATION.
- 3) FAN-COIL, HIGH-WALL CASSETTE, COOLING CAPACITY:
 18, 300 BTUH SENSIBLE; 18, 400 BTUH TOTAL AIRELOW:
 635 CFM; ENTERING AIR: 85 FDB, 84 FMB. POWER
 SUPPLY: 2300/1PM. MANUFACTURER: DAIRTH VRIV-A
 MODEL: FXA024PVJU. MOUNT ABOVE DOOR WITH BOTTOM
 ELEVATION ABOVE EXIT SIGN. PROVIDE REFNET BRANCH
 CONNECTOR, REFRIGERANT AND CONDENSATE PIPING AS
 SHOWN, INSULATION ON PIPING. REFRIGERANT LINE
 SIZE AS REQUIRED BY LINE LENGTH, BASED ON
 MANUFACTURER'S RECOMMENDATION.
- 4 CONDENSATE DRAIN SUMP, 1 CU FT GRANULAR FILL UNDER 10" CIRCULAR BOX, ARMOR ACCESS BOX ASSY NO 181108. FIELD DRILL HOLE(S) IN COVER FOR DRAIN PIPE.
- WIRED FAN-COIL REMOTE CONTROLLER, MANUFACTURER: DAIKIN MODEL BRC1E73. PROVIDE NON-SHIELDED, 18 GAUGE, TWO CONDUCTOR, STRANDED WIRE TYPE CONTROL WIRING. CONDUIT PROVIDED UNDER ELECTRICAL ONE CONTROLLER FOR FC-1 AND FC-2. ONE CONTROLLER FOR FC-1

- 9 SCHEDULE 80 PVC PIPE SLEEVE.
- (11) ELECTRIC UNIT HEATER, 12.5KW, 480V/3PH, CHROMALOX
 MODEL LUH. WALL MOUNTING BRACKET ASSEMBLY. TWO
 POSITION THERMOSTAT, HONEYWELL T631A. INSTALL
 HEATER WITH BOTTOM ELEVATION 8'-0" AFF. INSTALL
 THERMOSTAT AT 5'-0" AFF.

ISSUED FOR CONSTRUCTION

DESIGNED: FLAB DETAILED: MAK CHECKED: LEN APPROVED; PUD DATE: 11/04/15 O 1/2 1

IF THIS BAR DOES NOT
NEASURE 1" THEN DRAWING
NOT TO FULL SCALE PROJECT NO. 182262

BEDFORD REGIONAL WATER AUTHC SMITH MOUNTAIN LAKE WTP & RAW WATER PUMPING STATION / IN HVAC ELECTRICAL BUILDING OPERATING FLOOR PLAN

ISSUED FOR CONSTRUCTION PREVISIONS AND TECHNOUR OF 1550E.

(1) For americaes (most 1669; 10. H. 20. E. 18. E. 18.

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H-20-101 SHEET OF -