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Key Plan



Professional Seal Benjamin Roseborough, P.E. Georgia License #PE036005

NOT FOR CONSTRUCTION

Table with 3 columns: No., Description, Date. Row 1: 1, 00 - GMP, 2019-07-03.

COOLING TOWER SCHEDULE table with columns: PLAN MARK, MFR, MODEL, TOWER TYPE, NUMBER OF CELLS, WATER DATA (FLOW, EWT, LWT), DESIGN AMBIENT WB, VFD, CONDENSER FANS (QTY, HP), TOTAL HP, VOLTS, PHASE, WEIGHT (LB).

CONDENSING BOILER SCHEDULE table with columns: PLAN MARK, MFR, MODEL, HEATING CAPACITY (MBH), FUEL DATA (INPUT, FUEL TYPE, RANGE), EFFICIENCY (%), WATER DATA (EWT, LWT, DESIGN FLOW), CONNECTION SIZES, EXHAUST AIR, WATER PRESSURE DROPS, BLOWER DATA (VOLTAGE, PHASE, FLA).

PUMP SCHEDULE table with columns: PLAN MARK, MFR, MODEL, SYSTEM SERVICE, FLUID DATA (FLOW RATE, HEAD, FLUID TEMP), PUMP DATA (TYPE, IMPELLER SIZE, EFFICIENCY), PIPE DATA (SUCTION SIZE, DISCHARGE SIZE), MOTOR DATA (MOTOR HP, VFD, RPM, VOLTS, PHASE).

WATER COOLED CHILLER SCHEDULE table with columns: PLAN MARK, MFR, MODEL, COMP. TYPE, NUMBER OF COMP., REFRIG., TONS, EVAPORATOR DATA (EWT, LWT, FLOW, MAX P.D., # OF PASSES, FOLING FACTOR), CONDENSER DATA (EWT, LWT, FLOW, MAX P.D., # OF PASSES, FOLING FACTOR), ELECTRICAL DATA (NPLV EFF, EFF @ PEAK, MCA, MOCP, VOLTS, PHASE).

FAN COIL UNIT SCHEDULE table with columns: MARK, MANUFACTURER, MODEL, TYPE, AREA SERVED, AIRFLOW (CFM), FAN DATA (ESP, MOTOR HP), COIL DATA (TYPE, DB, WB, SENSIBLE, TOTAL, EAT, LAT, MIN CAPACITY, WATER DATA (EWT, LWT, GPM)), ELECTRICAL DATA (FAN FLA, VOLTS, PHASE).

Order Plans watermark and notes section. Notes include: 1. SEE SPECIFICATIONS FOR OTHER APPROVED MANUFACTURERS AND ADDITIONAL REQUIREMENTS. 2. PROVIDE ONE SET OF CONSTRUCTION AIR FILTERS. 3. PROVIDE SINGLE POINT ELECTRICAL CONNECTION. 4. INSTALL PER MANUFACTURER'S OWN INSTALLATION INSTRUCTIONS. 5. PROVIDE CONDENSATE FLOAT SWITCH WITH HIGH LIMIT SHUTDOWN. 6. TIE INTO BAS FOR ALARM. 7. PROVIDE 2" MERV 7 AIR FILTERS.

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