

AIR HANDLING UNIT SCHEDULE

Table with columns: UNIT NO., AREA SERVED, UNIT TYPE & ARRANGEMENT, MANUFACTURER & MODEL NO., WEIGHT (LBS.), SUPPLY FAN DATA, PROHEAT COIL DATA - WATER, COOLING COIL DATA - WATER, PREFILTER DATA, FINAL FILTER DATA, REMARKS.

REMARKS: 1. SPRING ISOLATED ROOF CURB, MINIMUM 18" HIGH. 2. SUPPLY FAN BASED ON TRANE MODEL "Q". 3. REFERENCE FAN COIL SCHEDULES FOR INDIVIDUAL COMPONENTS.

MAXIMUM FAN SOUND POWER LEVEL SCHEDULE

Table with columns: DESCRIPTION, 63Hz, 125Hz, 250Hz, 500Hz, 1000Hz, 2000Hz, 4000Hz, 8000Hz, REMARKS.

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FAN SCHEDULE

Table with columns: UNIT NO., NAME, SERVES, TYPE, MANUFACTURER & MODEL NUMBER, FAN DATA, ELECTRICAL DATA, ACCESSORIES, WEIGHT (LBS.), REMARKS.

NOTES: 1. HIGH EFFICIENCY MOTOR. 2. H-PRO POLYESTER COATING ON ROOF CURB, DAMPER AND FAN. 3. CAPACITIES NOTED ARE FOR EACH FAN. 4. ALUMINUM BROSSCREEN. 5. STAINLESS STEEL SHAFT AND FASTENERS. 6. TWO SPEED MOTOR, 1800/900 RPM, 600 CFM ON LOW SPEED. 7. INTENT OF FAN DESIGN IS TO PROVIDE A TOTAL NON-CORROSIVE ASSEMBLY THAT IS COMPLETELY PROTECTED FROM AN ENVIRONMENT ASSOCIATED WITH AN INDOOR POOL, NATATORIUM AND RELATED CHEMICALS. 8. STAINLESS STEEL DISCHARGE DAMPER BY TEMPERATURE CONTROL CONTRACTOR. 9. MEDIA SPRING BASE. 10. FLANGE OUTLET. 11. MOTOR SLIDE BASE. 12. BELT GUARD AND INLET GUARD, SPECIAL COATED. 13. ACTUATORS FOR MOTORIZED DAMPERS PROVIDED BY T.C.C.

FAN COIL UNIT SCHEDULE

Table with columns: UNIT NO., TYPE, MANUFACTURER & MODEL NO., CPM, MINIMUM AIR FLOW, ESP (W/G), TOTAL MEH, SENSIBLE MEH, EAT DB (F), LEAVING DB (F), EWT (F), GPM, NUMBER ROWS, WPD (W/G), MEH, EAT DB (F), LAT DB (F), EWT (F), GPM, NUMBER ROWS, WPD (W/G), HP, FLA, VOLT, PHASE, DISC. SWITCH, FILTERS (NO.) SIZE, WEIGHT (LBS.), REMARKS.

NOTES: 1. FRONT SUPPLY GRILLE, BOTTOM RETURN INLET. 2. FRONT AND BACK DUCT COLLAR.

GAS BOILER SCHEDULE

Table with columns: NUMBER, MANUFACTURER & MODEL NUMBER, TYPE, BTU INPUT (MBH), BTU OUTPUT (MBH), PRESSURE RATING (PSIG), GUARANTEED MINIMUM EFFICIENCY, E.W.T. F, GPM, BURNER MOTOR (AMPS, VOLT, PHASE), FUEL, WEIGHT (LBS), GAS PRESSURE MIN/MAX (PSIG), INSURANCE.

NOTES: 1. FULL MODULATING BURNER, 5 TO 1 TURN DOWN. 2. CONTROL CIRCUIT TRANSFORMER. 3. FACTORY CHECK, TEST, AND START-UP. 4. LOW WATER CUTOFF AND ALARM. 5. RELIEF VALVE. 6. MICROPROCESSOR BASED CONTROLLER, WALL MOUNTED. 7. FM GAS TRAIN AND CONTROLS. 8. HIGH LIMIT TEMPERATURE CONTROL WITH MANUAL RESET. 9. REMOVAL SWITCH. 10. REQUIRED RELAYS. 11. FLEX CONNECTORS. 12. INTAKE AND EXHAUST MUFFLERS. 13. NEOPRENE ISOLATORS. 14. CONDENSATE DRAIN KIT.

RADIATION SCHEDULE

Table with columns: NUMBER, NAME, MANUFACTURER & MODEL NUMBER, HEATING CAPACITY (BTU/FT, GPM, EAT, EWT), ELEMENT, ENCLOSURE, APPROXIMATE LENGTH (FEET VERT).

NOTES: 1. HEATING WATER SUPPLY CLOSEST TO EXTERIOR EXPOSURE, LOOP TO RETURN AT END OF ENCLOSURE.

GRILLE AND DIFFUSER SCHEDULE

Table with columns: TYPE, DESCRIPTION, SPECIAL NOTES & FINISHES.

COIL SCHEDULE

Table with columns: COIL NUMBER, MANUFACTURER & MODEL NUMBER, ROOM(S) SERVED, COIL SIZE (IN), CPM, EAT, EWT, LWT, FFF, MAX APP WPD, GPM, WEIGHT (LBS.), REMARKS.

TERMINAL HEATING UNIT SCHEDULE

Table with columns: MARK, SERVES, UNIT NAME, MANUFACTURER & MODEL, EQUIPMENT ARRANGEMENT, CAPACITY (MBH), CPM, EWT, EAT, EWT, GPM, HP, VOLT, PHASE, DISCONNECT SWITCH, WEIGHT (LBS.), REMARKS.

PUMP SCHEDULE

Table with columns: PUMP NUMBER, PUMP NAME, EQUIPMENT NAME, MANUFACTURER & MODEL NUMBER, GPM, TDH, MIN. EFF., ELECTRICAL (HP, VOLT, PHASE), REMARKS.

GRAVITY VENTILATOR SCHEDULE

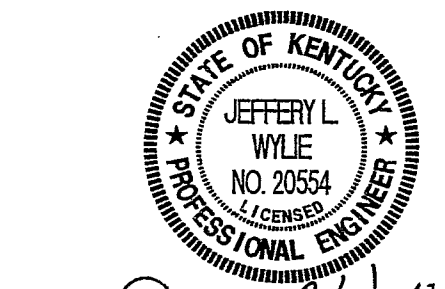
Table with columns: UNIT NUMBER, NAME, MANUFACTURER & MODEL NUMBER, CPM, THROAT SIZE, OVERALL SIZE, MAXIMUM HEIGHT, WEIGHT (LBS.), REMARKS.

EXPANSION TANK AND AIR SEPARATOR SCHEDULE

Table with columns: UNIT NUMBER, LOCATION, NAME, MANUFACTURER & MODEL NUMBER, SYSTEM PRESS., SYSTEM TEMP., TANK DIMENSIONS (DIAM. IN., HGT. IN.), SYSTEM CAPACITY, ACCESSORIES.

MISCELLANEOUS EQUIPMENT SCHEDULE

Table with columns: IN-SLAB RADIATION SYSTEM, BASED ON WATERWORKS RADIANT TECHNOLOGIES, INC. 2005 TOTAL RADIATION SQUARE FEET, 70,875 TOTAL BTU/L, 14 GPM, 140°F TO 130°F WATER, 2.8 GPM PER LOOP, 21.2 TOTAL HEAD, PROVIDE CONTROL UNIT WITH MIXING CONTROL, SLAB SENSOR, INJECTION PUMP, SYSTEM PUMP, AIR SEPARATOR, 1 1/4" SUPPLY AND RETURN CONNECTIONS.



CERTIFICATION CONSTRUCTION DOCUMENTS

CARDINAL PARK NATATORIUM

UNIVERSITY OF LOUISVILLE

Project: 03006 Drawn: ROBERT E. SMITH Checked: KERRY L. SMITH Scale: NO SCALE Issue Date: AUGUST 28, 2003 Revision:

SCHEDULES HVAC

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