



Governor Kathy Hochul Commissioner Pro Tempore Randy Simons

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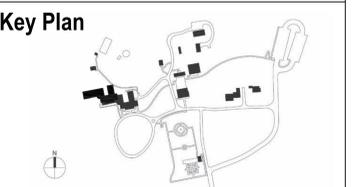
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Project Title: John Jay Homestead Site And Building Enhancements

Project Location: 400 Jay Street Katonah NY 10536



REVISIONS table with columns: Rev No, Description, Date

Drawn By: LFG Design By: LFG Checked By: LFG Approved By: LFG DATE: 07/10/24



Sheet Title: BEDFORD HOUSE MECHANICAL SCHEDULES Drawing Number: M-300

Project Number: TA-JJ-2023-001 Sheet: 257 of 327

MITSUBISHI ELECTRIC TRANE HVAC US: CITY MULTI VRF INDOOR UNIT SCHEDULE

Main HVAC schedule table with columns: System Tag, Tag Reference, Room Name, Model, Type, Capacity, Design Conditions, Performance Data, Fan/Water Flow Data, Electrical Data, Notes/Options

- Notes & Options: 1 Nominal cooling capacities are based on indoor coil EAT of 80/67°F (DB/WB), outdoor of 95°F (DB) 2 Nominal heating capacities are based on indoor coil EAT of 70°F (DB), outdoor of 43°F (WB) 3 See outdoor unit schedule for outdoor ambient conditions, connected capacity, and other factors associated with corrected capacities 4 See schematic piping/control diagram for indication of required indoor unit remote controllers, system controllers, and integration devices 5 Full demand corrected capacity includes de-rate associated with indoor vs. outdoor connected capacity indicated on outdoor unit schedule for associated system. Partial corrected capacity assumes sufficient diversity exists such that the connected capacity de-rate does not apply. It is the designer's responsibility to ensure "Diamond System Builder" is set in the appropriate output capacity setting (full demand/partial demand) prior to generating this schedule. 6 It is recommended to always base heating corrected capacity on full demand. 7 Provide Filter Box with MERV 13 Filters 8 Provide Sauermann Condensate Pump - 230 volt

MITSUBISHI ELECTRIC TRANE HVAC US: CITY MULTI VRF WATER SOURCE UNIT SCHEDULE

Water Source Unit schedule table with columns: System Tag, Tag Reference, M-NET Address, Model Number, Modules, Capacity, Design Conditions, Performance Data, Electrical Data, Notes/Options

- Notes & Options: 1 Nominal cooling capacities are based on indoor coil EAT of 80/67°F (DB/WB), condenser water inlet of 85°F 2 Nominal heating capacities are based on indoor coil EAT of 70°F (DB), condenser water inlet of 70°F 3 For systems with multiple modules, refrigerant pipe dimensions indicate total system combined piping downstream of module

VRF HEAT RECOVERY BRANCH CIRCUIT CONTROLLER

VRF Heat Recovery Branch Circuit Controller table with columns: System Tag, Tag Reference, M-NET Address, Model Number, Type, Number of Ports, Connected Capacity to BC, Voltage / Phase, Power Heating, MCA, Notes/Options

- Notes & Options: 1 Include Diamondback Ball Valves BV-Series, 700PSIG working pressure, full port, 410A rated. 2 For sub BC controller CMB-P1012NJ-JA1 or -CB, the total connectable indoor unit capacity can be 126,000 BTUs or less. If two sub BC controllers are used, the total indoor unit capacity connected to BOTH sub BC controllers also cannot exceed 126,000 BTUs. For sub BC controller CMB-P1016NU-HB1 the total connectable indoor unit capacity can be 126,000 BTUs or less. However, if two sub controllers are used, and one of them is CMB-1016NU-HB1, the total indoor unit capacity connected to BOTH sub controllers must NOT exceed 198,000 BTUs.

Quantity schedule table with columns: Qty, Model, Description, Tag

ELECTRIC DUCT HEATER SCHEDULE

Electric Duct Heater schedule table with columns: MARK, MFR, MODEL, DUCT SIZE, FLOW CFM, EAT DEF.F, HEATING CAPACITY, INPUT KW, AMPS, VOLT/PH/Hz, REMARKS

GLYCOL FEEDER SCHEDULE

Glycol Feeder schedule table with columns: MARK, TYPE, DESIGNATION, MFR, MODEL, RPM, MATERIAL, Tank GAL, WEIGHT LBS, Amps, VOLT/PH/Hz, GPM, @ PSIG, REMARKS

EXPANSION TANK SCHEDULE

Expansion Tank schedule table with columns: MARK, TYPE, DESIGNATION, MFR, MODEL, VOLUME GAL., MAX. ACCEPT. VAL. GAL., DIA INCH, HEIGHT INCH, CONN. SIZE INCH, REMARKS

GROUND WATER PUMP SCHEDULE

Ground Water Pump schedule table with columns: MARK, TYPE, DESIGNATION, MFR, MODEL, PUMP (RPM, MATERIAL, IMPELLER DIA, WEIGHT LBS), MOTOR (HP, EFF %, VOLT/PH/Hz), WATER (GPM, HEAD (FT.H2O)), REMARKS

CONDENSATE PUMP SCHEDULE

Condensate Pump schedule table with columns: MARK, TYPE, DESIGNATION, MFR, MODEL, PUMP (RPM, CASING, TANK SIZE, WEIGHT LBS), ELECTRICAL (MOTOR HP, AMPS, VOLT/PH/Hz), PERFORMANCE (GPH, HEAD (FT.H2O)), REMARKS

AIR SEPARATOR SCHEDULE

Air Separator schedule table with columns: MARK, TYPE, DESIGNATION, MFR, MODEL, UNIT (OPTIMUM FLOW GPM, DIA INCH, HEIGHT INCH, PIPE SIZE INCH, WEIGHT LBS), REMARKS