

PACKAGED ROOFTOP GAS-FIRED HEATING & DX COOLING UNIT SCHEDULE

Table with columns: TAG NO., AREA SERVED, MFG., MODEL No., SUPPLY (CFM), MIN OUTDOOR AIR (CFM), EXT SP (IN), BHP, MHP, VFD, COOLING (TMBH), COOLING (SMBH), EADB (°F), EAWB (°F), LADB (°F), LAWB (°F), INPUT (MBH), OUTPUT (MBH), EAT (°F), LAT (°F), MIN GAS PRESSURE, COOLING (EADB, EAWB, LADB, LAWB), HEATING (EAWB, EADB, LAWB), RECOVERED COOLING (TMBH), RECOVERED HEATING (MBH), COMPRESSOR (NO., RLA/LRA), COND. FANS (NO., AMPS), POWER EXHAUST FAN (NO., MHP, VFD), ELECTRICAL DATA (V/PHz, MCA, MOP), EFFICIENCY (EER), FILTER, UNIT DIMENSIONS (L x W x H) (IN), APPROX. UNIT WEIGHT (LBS), REFRIGERANT TYPE, REMARKS.

NOTES: 1. ALL UNITS SHALL BE PROVIDED W/ MODULATING GAS HEAT CONTROL. TURN DOWN RATIO IS 10:1. 2. ALL MOTORS SHALL BE PREMIUM EFFICIENCY TYPE. 3. PROVIDE W/ CONDENSER FAN COIL HALL GUARDS, NON-FUSED DISCONNECT SWITCH, FACTORY INSTALLED UV LIGHTS IN THE SUPPLY AIR STREAM, & GFI CONVENIENCE OUTLET FOR EACH UNIT. 4. ALL UNITS SHALL BE PROVIDED W/ SPRING VIBRATION ISOLATION ROOF CURBS. 5. INTERNAL AUTOMATIC TEMPERATURE CONTROLS SHALL BE PROVIDED BY ATC CONTRACTOR. THE ATC CONTRACTOR SHALL SHIP THE DDC CONTROLS FOR ALL UNITS TO THE UNIT MANUFACTURER FOR FACTORY MOUNTING. THE ATC CONTRACTOR SHALL PROVIDE, MOUNT, AND WIRE ALL EXTERNAL COMPONENTS. ALL UNITS SHALL BE TIED INTO NEW BUILDING MANAGEMENT SYSTEM (BMS). REFER TO ATC DIAGRAMS AND SPECIFICATIONS. 6. ALL UNITS SHALL BE PROVIDED WITH VARIABLE SPEED COMPRESSOR ON THE LEAD CIRCUIT. 7. ALL UNITS SHALL BE PROVIDED W/ DUAL ENTHALPY FULLY MODULATING POWER EXHAUST ECONOMIZER CONTROLS W/ STAT-TRAC BUILDING PRESSURIZATION, OUTDOOR AIR HOOD, EXHAUST DISCHARGE DAMPERS & HOOD. 8. ALL SHALL BE PROVIDED W/ FULLY MODULATING POWER EXHAUST ECONOMIZER FAN, ECONOMIZER HOOD & DAMPERS. 9. ALL UNITS SHALL BE PROVIDED W/ 2" MERV 13 FILTERS & TWO (2) SETS OF SPARE FILTERS OF ALL TYPES. 10. ELECTRICAL SUBCONTRACTOR TO PROVIDE DUCT SMOKE DETECTOR IN RETURN AIR DUCT MAIN FOR EACH UNIT. INTERLOCK RTUs WITH FIRE ALARM SYSTEM. RTUs SHALL BE SHUT DOWN UPON ACTIVATION OF FIRE ALARM SYSTEM. 11. UNIT SHALL BE PROVIDED WITH SINGLE POINT POWER CONNECTION. 12. PROVIDE W/ A S. S. FLUE VENT EXTENSION FOR EACH UNIT. 13. PROVIDE TWO-YEARS PART & LABOR WARRANTY FROM THE MANUFACTURER, 5 YEARS WARRANTY ON THE COMPRESSORS. 14. PROVIDE MODULATING HOT GAS REHEAT FOR ALL UNITS.

ENERGY RECOVERY VENTILATOR SCHEDULE

Table with columns: UNIT No., QTY, AREAS SERVED, MFG., MODEL No., SA (CFM), EXHAUST AIR (CFM), SENSIBLE EFFICIENCY AT 32°F, TOTAL EFFICIENCY AT 90°F, EXT. S.P., WATTS, APPROX. UNIT WT. (LBS), UNIT DIMENSIONS (LxWxH) (IN.), V/PHz, REMARKS.

NOTES: 1. PROVIDE HINGED ACCESS DOORS, NON-FUSED DISCONNECT SWITCH, MOTORIZED DAMPERS. 2. ALL MOTORS SHALL BE PREMIUM EFFICIENCY TYPE. 3. THE UNIT SHALL HAVE HUMIDITY CONTROL. 4. THE UNIT SHALL HAVE A 99-EXPL02 WALL CONTROL. 5. THE UNIT SHALL HAVE A 99-EXAGS TECHGRILLE.

TOILET EXHAUST FAN SCHEDULE

Table with columns: UNIT No., QTY, AREA SERVED, LOCATION, CFM, S.P. LOSS (IN), ELECTRICAL DATA (AMPS, V-PH-Hz), DIMENSIONS (LxWxH) (IN.), OUTLET DUCT, UNIT WEIGHT (LBS), MANUFACTURER & MODEL, REMARKS.

NOTES: IN-LINE, CEILING MOUNTED FAN WITH LIGHT FIXTURE. USE AS BATHROOM EXHAUST. PROVIDE LEED CERTIFIED BACKDRAFT DAMPER, HANGING SUPPORTS WITH VIBRATION ISOLATORS, AND DISCONNECT SWITCH. PROVIDE SEPARATE WALL SWITCH IN SAME GANG BOX AS LIGHT SWITCH.

OUTDOOR AIR-COOLED VRF HEAT RECOVERY CONDENSING UNIT SCHEDULE

Table with columns: TAG, LOCATION, ZONES SERVED, UNITS SERVED, COOLING (TMBH), HEATING (TMBH), AMBIENT TEMP (°F), SUCTION TEMP (°F), ELECTRICAL DATA (V-PH-Hz), MCA, MOP, SEER, EER, DIMENSIONS (H x W x D), APPROX. WEIGHT (Lbs), MODEL, MANUFACTURER, NOTES.

NOTES: PROVIDE WITH LOW AMBIENT CONTROL TO 0°F, PATE EQUIPMENT ROOF SUPPORT, INTERLOCK WITH ASSOCIATED AC UNITS.

STORAGE CLOSETS OUTDOOR HEAT PUMP CONDENSING UNIT SCHEDULE

Table with columns: TAG, LOCATION, UNIT SERVED, UNIT SERVED, COOLING (TMBH), HEATING (TMBH), AMBIENT TEMP (°F), SUCTION TEMP (°F), ELECTRICAL DATA (V-PH-Hz), MCA, MOP, SEER, EER, DIMENSIONS (HxWxD) (IN.), APPROX. WEIGHT (Lbs), MODEL, MFR, NOTES.

NOTES: PROVIDE WITH LOW AMBIENT CONTROL TO 0°F, PATE EQUIPMENT ROOF SUPPORT, INTERLOCK WITH RESPECTIVE AIR CONDITIONING UNIT.

GARAGE EXHAUST FAN SCHEDULE

Table with columns: UNIT No., AREA SERVED, LOCATION, CFM, ESP. (IN), ELECTRICAL DATA (BHP, MHP, RPM, V-PH-Hz), DIMENSIONS (LxHxD) (IN.), WEIGHT (LBS), MANUFACTURER, MODEL, REMARKS.

GARAGE TRASH ROOMS EXHAUST FAN SCHEDULE

Table with columns: UNIT No., AREA SERVED, LOCATION, CFM, ESP. (IN), ELECTRICAL DATA (BHP, MHP, RPM, V-PH-Hz), DIMENSIONS (LxWxH) (IN.), WEIGHT (LBS), MANUFACTURER, MODEL, REMARKS.

APARTMENTS INDOOR VRF AC DUCTED / HEAT RECOVERY TERMINAL UNIT SCHEDULE

Table with columns: TAG, ROOM SERVED, QTY, LOW-HIGH (CFM), COOLING (TMBH, EADB, EAWB, LAWB), HEATING (TMBH), REFRIG. TYPE, PIPE CONNECTIONS (IN.) (RS, RL, COND), ELECTRICAL DATA (V-PH-Hz, MCA, MOP), DIMENSIONS (H x W x D) (IN.), APPROX. WEIGHT (Lbs), MODEL, MANUFACTURER, NOTES.

NOTES: 1. ALL INDOOR UNITS DUCTED UNITS SHALL BE PROVIDED A CONDENSATE LIFT PUMP FROM THE UNIT MANUFACTURER AND FIELD INSTALLED. 2. PROVIDE W/ WALL-MOUNTED REMOTE CONTROLLERS W/ OCCUPANCY SENSORS FOR AC UNITS IN ALL ROOMS. 3. PROVIDE W/ PROPER REFRIGERANT CHARGE FOR ALL UNITS. 4. REFER TO DWG. FOR VRF SYSTEM & ASSOCIATED ACCLU. REFER TO SPEC. SECTION FOR ADDITIONAL INFORMATION. 5. INTERNAL AUTOMATIC TEMPERATURE CONTROLS SHALL BE PROVIDED BY ATC CONTRACTOR. THE ATC CONTRACTOR SHALL SHIP THE DDC CONTROLS FOR ALL UNITS TO THE UNIT MANUFACTURER FOR FACTORY MOUNTING. THE ATC CONTRACTOR SHALL PROVIDE, MOUNT AND WIRE ALL EXTERNAL COMPONENTS. ALL UNITS SHALL BE TIED INTO THE NEW BUILDING MANAGEMENT SYSTEM (BMS). REFER TO ATC DIAGRAMS AND SPECIFICATIONS.

ELECTRICAL ROOMS SPLIT AIR-CONDITIONING UNIT SCHEDULE

Table with columns: TAG, LOCATION, COOLING (BTUH), ESP. INCH W.G., ELECTRICAL DATA (V-PH-Hz), CFM HIGH/LOW, MCA, MOP, SEER, EER, DIMENSIONS (LxHxD) (IN.), APPROX. WEIGHT (Lbs), MODEL, MANUFACTURER, NOTES.

NOTES: PROVIDE WALL MOUNTED THERMOSTAT WITH TAMPER PROOF ENCLOSURE, WALL MOUNTING BRACKET, PROPER REFRIGERANT CHARGE. INTERLOCK WITH RESPECTIVE CONDENSING UNIT. UNIT TO BE POWERED OFF THE OUTDOOR UNIT. PROVIDE WITH MINI CONDENSATE PUMP. PROVIDE WITH CONDENSATE DRAIN WATER-LEVEL DETECTOR SWITCH TO PREVENT ANY DAMAGE TO ANY BUILDING COMPONENT AS A RESULT OF OVERFLOW FROM THE EQUIPMENT PRIMARY DRAIN.

ELECTRICAL ROOMS OUTDOOR AIR-COOLED CONDENSING UNIT SCHEDULE

Table with columns: TAG, LOCATION, UNIT SERVED, COOLING (BTUH), AMBIENT TEMP (°F), SUCTION TEMP (°F), ELECTRICAL DATA (V-PH-Hz), CFM HIGH/LOW, MCA, MOP, SEER, EER, DIMENSIONS (HxWxD) (IN.), APPROX. WEIGHT (Lbs), MODEL, MFR, NOTES.

NOTES: PROVIDE WITH LOW AMBIENT CONTROL TO 0°F, PATE EQUIPMENT ROOF SUPPORT, INTERLOCK WITH RESPECTIVE AIR CONDITIONING UNIT.

STORAGE CLOSETS INDOOR HEAT PUMP AIR HANDLING UNIT SCHEDULE

Table with columns: TAG, LOCATION, UNIT, COOLING (BTUH), HEATING (BTUH), ESP. INCH W.G., ELECTRICAL DATA (V-PH-Hz), CFM HIGH/LOW, MCA, MOP, SEER, EER, DIMENSIONS (WxDxH) (IN.), APPROX. WEIGHT (Lbs), MODEL, MANUFACTURER, NOTES.

NOTES: PROVIDE WALL MOUNTED THERMOSTAT WITH TAMPER PROOF ENCLOSURE, WALL MOUNTING BRACKET, PROPER REFRIGERANT CHARGE. INTERLOCK WITH RESPECTIVE CONDENSING UNIT. PROVIDE WITH MINI CONDENSATE PUMP. PROVIDE WITH CONDENSATE DRAIN WATER-LEVEL DETECTOR SWITCH TO PREVENT ANY DAMAGE TO ANY BUILDING COMPONENT AS A RESULT OF OVERFLOW FROM THE EQUIPMENT PRIMARY DRAIN.

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BROADVIEW SENIOR LIVING AT PURCHASE COLLEGE - IL BUILDINGS

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ARCHITECTURE LANDSCAPE ARCHITECTURE PLANNING INTERIOR DESIGN



LAN ASSOCIATES Engineering, Planning, Architecture, Surveying, LLP LAN 258 P 10382

Table with columns: no., date, revision

Project Name: BROADVIEW - SENIOR LIVING AT PURCHASE COLLEGE - IL BUILDINGS Project Number: 4.1308.01 Date: 4/30/2021 Scale: 1/8" = 1'-0" Drawing: MECHANICAL SCHEDULES

M6.01

PERMIT / GMP SET