

-- AIR DISTRIBUTION SCHEDULE --

Table with columns: MARK, TYPE, NECK CONNECTION (1), FINISH, OBD, PRICE NO. UNLESS NOTED, REMARKS (2). Rows include various ceiling diffusers and return/exhaust units.

- (1) DUCT RUNOUT SIZE SAME AS NECK CONNECTION SIZE, UNLESS NOTED OTHERWISE.
(2) PROVIDE LAY-IN TYPE FOR T-BAR CEILINGS AND SURFACE TYPE FOR ALL OTHER CEILINGS. REFER TO ARCHITECTURAL FINISH SCHEDULE FOR CEILING TYPES.
(3) PROVIDE WITH REMOVABLE CORE (RC) AND MOLDED, INSULATED BACKPAN WITH FOIL SKRIM VAPOR BARRIER.
(4) BAKED ENAMEL FINISH, CUSTOM COLOR. COLOR AS SELECTED BY ARCHITECT.
(5) COLOR AS SELECTED BY ARCHITECT.
(6) PROVIDE OPPOSED BLADE DAMPER WHERE SHOWN ON THE DRAWINGS.
(7) 2 FOOT LONG LINEAR SLOT DIFFUSER WITH 1-SLOT, 1" SLOT. FINISH SHALL BE MANUFACTURER'S STANDARD WHITE POWDER COAT.
(8) 2 FOOT LONG LINEAR SLOT DIFFUSER WITH 2-SLOT, 1" SLOT. FINISH SHALL BE BLACK.
(9) 2 FOOT LONG LINEAR BAR GRILLE WITH 5" WIDTH. FINISH SHALL BE MANUFACTURER'S STANDARD WHITE POWDER COAT.

-- VRF OUTDOOR HEAT PUMP SCHEDULE --

Table with columns: ITEM, COOLING CAP. MBH (1), E.E.R. MIN., HEATING CAP. MBH (1) HI, LO, C.O.P. (1) HI, LO, TRANE/MITSUBISHI MODEL NO. Row: OHP-1, 240.0, 11.7, 269.8, 135.0, 3.58, 3.46, PURY-EP240.

- (1) RATINGS IN ACCORDANCE WITH A.H.R.I. STANDARDS.

-- INDOOR HEAT PUMP SCHEDULE --

Table with columns: ITEM, AREA SERVED, UNIT TYPE, SERVED BY, SUPPLY C.F.M., COOLING CAP. MBH (1) SENSIBLE, TOTAL, MITSUBISHI MODEL NO., REMARKS. Row: IHP-1, DATA, WALL MOUNT, OHP-1-1, 150, 9.8, 12.0, PKA-A12.

- (1) RATINGS IN ACCORDANCE WITH A.H.R.I. STANDARD CONDITIONS.

-- OUTDOOR HEAT PUMP SCHEDULE --

Table with columns: ITEM, COOLING CAP. MBH (1), E.E.R. MIN., HEATING CAP. MBH (1) HI, LO, COP, MITSUBISHI MODEL NO. Row: OHP-1-1, 12.0, 12.0, 14.0, 10.2, 2.0, PUY-A12.

- (1) RATINGS IN ACCORDANCE WITH AHRI STANDARD CONDITIONS.

-- BRANCH CONTROLLER SCHEDULE --

Table with columns: MARK, # OF POINTS, SERVED FROM, MITSUBISHI MODEL NO. Row: BC-1, 12, OHP-1, CMB-P1012.

-- ION GENERATORS --

Table with columns: AHU NO., MAX. TREATED AIRFLOW, QTY., ELECTRODE PAIRS, DRY CONTACTS, POWER (VA), VARIABLE OUTPUT WITH AIRFLOW, MANUFACTURER & MODEL NO., REMARKS. Rows: TYP. IHP, 1200, 1, 1, N/A, 2, INTEGRAL, GPS-FC-1, (1)(2)(3)(4); TYP. IHP, 4800, 1, 1, N/A, 10, INTEGRAL, GPS-FC48-AC, (1)(2)(3)(4).

- (1) INSTALL ION GENERATORS IN SUPPLY AIR DUCT OF EACH UNIT WHERE INDICATED.
(2) ION GENERATORS SHALL BE POWERED FROM THE 24V AC FAN CONTROL CIRCUIT. LOOSE TRANSFORMERS ARE NOT ACCEPTABLE.
(3) FAULT RESET SHELL BE AUTOMATIC. MANUAL FUSE REPLACEMENT WITH NOT BE ACCEPTED.
(4) PROVIDE WHERE SCHEDULED ON EQUIPMENT SCHEDULE.

-- VRF INDOOR HEAT PUMP SCHEDULE --

Table with columns: ITEM, UNIT DESCRIPTION, SERVED BY, SUPPLY C.F.M., COOLING CAP. BTUH (1) SENSIBLE, TOTAL, HEATING CAP. BTUH, REFRIG. PIPE SIZE (IN.), TRANE/MITSUBISHI MODEL NO., NOTES. Rows: IHP-1 to IHP-10.

- (1) RATINGS IN ACCORDANCE WITH A.H.R.I. STANDARDS.
(2) PROVIDE WITH ION GENERATOR AS SCHEDULED.
(3) 2'X2' 4-WAY CEILING CASSETTE AIR HANDLING UNIT. PROVIDE WITH BRANCH DUCT CONNECTION, ELECTRICAL DISCONNECT MEANS, UL STANDARD/SPECIFIED WALL CONTROLLER, AND PLEATED FILTER.
(4) CEILING CONCEALED (DUCTED) AIR HANDLING UNIT. PROVIDE WITH ELECTRICAL DISCONNECT MEANS, UL STANDARD/SPECIFIED WALL CONTROLLER, ONE-WAY AIR HANDLING UNIT.
(6) UNIT MANUFACTURER TO DETERMINE REQUIRED REFRIGERANT PIPE SIZE AND ACCESSORIES REQUIRED FROM FIELD OBTAINED DIMENSIONS.

-- VRF DEDICATED OUTDOOR AIR SYSTEM --

Table with columns: ITEM, SUPPLY C.F.M., FAN MCA, COOLING CAP. MBH (1) SENSIBLE, TOTAL, HEATING CAP. MBH, MITSUBISHI MODEL NO., REMARKS. Row: DOAS-1, 450, --, 14.3, 35.0, 17.3, PEFY-P36NMHU-E-OA, (1).

- (1) DUCTED CEILING CONCEALED TYPE. PROVIDE WITH ELECTRICAL DISCONNECT MEANS, UNIT-MOUNTED AIR FILTER AND FRAME. UNIT SHALL BE DESIGNED FOR OUTDOOR AIR.

-- FAN SCHEDULE --

Table with columns: ITEM, LOCATION, CFM, ESP (IN. WG), FLA, RPM, MAX. RPM, MAX. SONES, GREENHECK MODEL NO., REMARKS. Rows: F-1 to F-4.

- (1) COMPLETE WITH BACKDRAFT DAMPER, HANGING BRACKETS, METAL CEILING GRILLE AND DISCONNECT MEANS.
(2) SWITCH WITH ROOM LIGHTS. FURNISH CONTACTORS AS REQUIRED.
(3) CONTROL WITH WALL SWITCH.
(4) CONTROL WITH THERMOSTAT SET AT 85° (ADJ.).

-- REFRIGERATION PIPE SCHEDULE --

Table with columns: INDOOR UNIT, OUTDOOR UNIT, SUCTION LINE O.D., LIQUID LINE O.D. Rows: BC-1, OHP-1, 5/8", 3/8"; IHP-1-1, OHP-1-1, 1/2", 1/4".

- (1) REFRIGERANT PIPE SIZES INDICATED ARE FOR ESTIMATING PURPOSES ONLY. EXACT SIZES AND ACCESSORIES REQUIRED SHALL BE DETERMINED BY EQUIPMENT MANUFACTURER FROM FIELD OBTAINED DIMENSIONS.
(2) SEE VRF INDOOR UNIT SCHEDULE FOR PIPE SIZES FROM BC TO INDOOR UNIT.

H.V.A.C. LEGEND

Table with columns: SYMBOL, DESCRIPTION. Includes symbols for refrigerant suction/liquid, condensate drain, thermostat, sensor, fire damper, supply diffuser, return/exhaust grille, manual blade damper, air device neck connection size, return/exhaust, diameter, typical, control panel, detail sheet, supply diffuser, return/exhaust grille, air device neck connection size, above floor.

HVAC NOTES:

- 1) INSTALL PIPING AND DUCTWORK IN EQUIPMENT ROOMS ADJACENT TO WALLS AND CEILINGS, WHERE POSSIBLE, TO PROVIDE MAXIMUM ROOM CLEARANCE.
2) COORDINATE THE INSTALLATION OF THIS WORK WITH THAT OF OTHER TRADES TO PROVIDE THE BEST ARRANGEMENT OF PIPING, DUCTWORK, AND EQUIPMENT. REFER TO PLUMBING AND ELECTRICAL DRAWINGS.
3) PIPING, DUCTWORK, AND EQUIPMENT IS SHOWN IN ITS GENERAL LOCATION, UNLESS DIMENSIONED. EXACT LOCATION SHALL BE DETERMINED BY THE LOCATION OF OTHER EQUIPMENT, AND TO PROVIDE SERVICE CLEARANCE.
4) ARRANGE PIPING AND DUCTWORK TO CLEAR STRUCTURAL MEMBERS, PLUMBING, PIPING AND LIGHT FIXTURES.
5) EXACT LOCATION OF GRILLES AND CEILING OUTLETS SHALL BE DETERMINED ON THE JOB. COORDINATE WITH LIGHTS AND ARCHITECTURAL REQUIREMENTS TO PROVIDE A UNIFORM AND SYMMETRICAL APPEARANCE. REFER TO ARCHITECTURAL AND ELECTRICAL DRAWINGS AND DETAILS.
6) ALL PIPING SHALL BE CONCEALED, UNLESS NOTED OTHERWISE.
7) PROVIDE FLEXIBLE DUCT CONNECTIONS TO ALL AIR HANDLING EQUIPMENT.
8) PROVIDE ACCESS DOORS IN DUCTWORK FOR ALL FIRE DAMPERS, AND DUCT-MOUNTED COILS AND CONTROL DEVICES.
9) SLOPE DRAIN LINES TOWARD DRAIN WITH A MINIMUM SLOPE OF 1/4" PER FOOT.



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PROJECT TITLE: SRP BRANCH BANK

REVISIONS table with columns: REV #, DATE, APRVD BY, REVISION. Row: 09/17/21, JMF, Issue for Permit.



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DRAWING TITLE: HVAC SCHEDULES, LEGENDS, AND NOTES
DRAWING NO: M401



PLOT DATE: 03.17.2021
FILE NAME: 21003
PLOT SCALE: 1/4" = 1'-0"
JLS

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