



MECHANICAL NOTES:

REFERENCED

1. INSTALL EXHAUST FAN RECESSED ABOVE SUSPENDED CEILING AND EXTEND DUCT FROM FAN TO BRICK VENT. REFER TO "VENTILATING FAN SCHEDULE" FOR MORE INFORMATION.
2. SPACE ABOVE SUSPENDED CEILING TO BE UTILIZED AS RETURN AIR PLENUM. PROVIDE FREE RETURN FROM ALL AREAS TO PLENUM ABOVE CEILING AT RA DUCT INLET.
3. EXISTING VRF FAN COIL UNIT ABOVE CEILING TO REMAIN. CHANGE FILTER, CLEAN, AND SERVICE UNIT AND VERIFY IT IS IN PROPER WORKING ORDER.
4. RELOCATE THERMOSTAT TO LOCATION INDICATED. PROVIDE NEW THERMOSTAT IF REQUIRED.
5. EXISTING AIR DISTRIBUTION DEVICE TO REMAIN. RELOCATE TO ACCOMMODATE NEW CEILING GRID. PROVIDE EXTENSION FOR DUCTWORK AS REQUIRED.
6. RELOCATE VRF CEILING CASSETTE UNIT AS INDICATED. PROVIDE NEW 10" MJA DUCT FROM RELOCATED UNIT TO MJA TRUNK LINE. MODIFY REFRIGERANT PIPING AS REQUIRED TO ACCOMMODATE RELOCATION. CHANGE FILTER, CLEAN, SERVICE UNIT, AND VERIFY UNIT IS IN PROPER WORKING ORDER.

UNREFERENCED

- A. ROUND DUCT RUNOUTS TO INDIVIDUAL DIFFUSERS TO BE SAME SIZE AS DIFFUSER NECK UNLESS NOTED.
- B. MAINTAIN 10 FT. (MIN.) SEPARATION BETWEEN OUTSIDE AIR INTAKES AND EXHAUST OR VENT OPENINGS.
- C. DO NOT INSTALL DUCTWORK, PIPING, OR OTHER FOREIGN COMPONENTS IN "DEDICATED EQUIPMENT SPACE" OVER ELECTRICAL PANELS AND SWITCHGEAR. REF: 2011 NEC 110.26(E)(1)(a). IF UNAVOIDABLE, PROVIDE SUITABLE PROTECTION PER 2011 NEC 110.26(E)(1)(b).
- D. EXTEND FULL SIZE CONDENSATE DRAIN LINE FROM EACH A/C UNIT (AND CONDENSING FURNACE), AND TERMINATE AT FLOOR DRAIN/SINK, SERVICE SINK, FRENCH DRAIN, OR OTHER TERMINATION POINTS AS DIRECTED. TRAP AND VENT DRAIN LINE AT CONNECTION TO COIL.
- E. IF REQUIRED BY LOCAL AUTHORITY HAVING JURISDICTION (AHJ), PROVIDE EMERGENCY MANUAL SHUTDOWN PROVISIONS FOR AIR DISTRIBUTION SYSTEMS PER NFPA 90A, 6.2 MANUAL CONTROL.
- F. REFRIGERANT PIPING TO BE SIZED BY EQUIPMENT MANUFACTURER OR FACTORY-AUTHORIZED REPRESENTATIVE. SIZING CALCULATIONS TO BE BASED ON ACTUAL FIELD ROUTING AND CONFIGURATION.

SPACE ABOVE SUSPENDED CEILING AND BELOW SECOND FLOOR TO BE UTILIZED AS RETURN AIR PLENUM. ALL MATERIALS UTILIZED IN PLENUM TO BE "PLENUM RATED" WITH THE PROPER SMOKE RATING.

HVAC PLAN
SCALE: 3/16" = 1'-0"

PRELIMINARY PRICING SET
NOT FOR CONSTRUCTION

EXPIRATION DATE:
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HVAC PLAN

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