

NOTES

GENERAL SPECIFICATIONS
 Work shall be coordinated with other trades prior to installation to prevent interference and relocations. Provide for a complete and fully functional installation in all respects. Materials and installations shall be of first class in quality and not subject to deterioration. All work shall be done in accordance with the specifications for all tools & well penetrations and all associated repairs patch and match existing finishes in integrity and finish.
 Some miscellaneous portions of the work is not specifically shown or specified, however, provide as part of this work, all supplementary or miscellaneous items, opportunities, devices or materials incidental to or necessary for a sound, secure and complete installation.
 Submittals: Submit engineering data and cutsheets on all equipment specified herein.
 Submit: O & M manuals.
 Provide BGS with 3 sets.

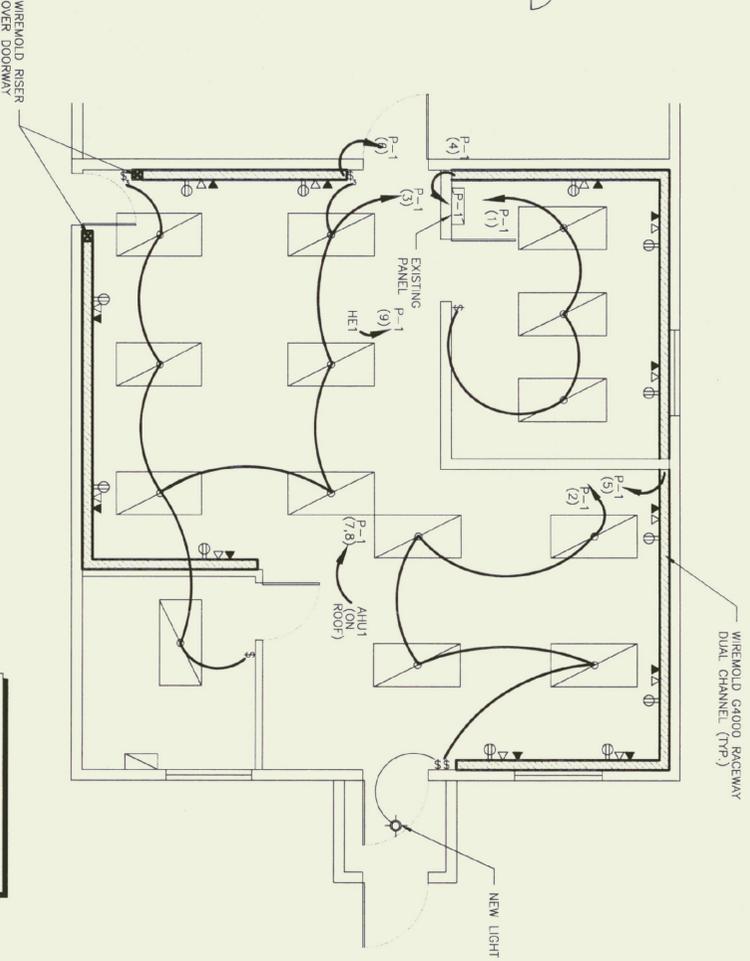
Start-Up: Charge systems and provide start up, balance, test and balance all components & diffusers per NEBB.
Warranty: Provide written warranty of all parts and labor for a one year period after final completion and acceptance by owner.
Contractor: A qualified contractor or electrical contractor experienced in controls shall provide the following:
 BBR: self contained thermostatic valves.
 Circulator: provide new outdoor air thermostat to control pump through a relay.
 AHU-1: install Carrier controls as specified.
 HE-1: install Des Champs controls as specified.

MECHANICAL EQUIPMENT SCHEDULE

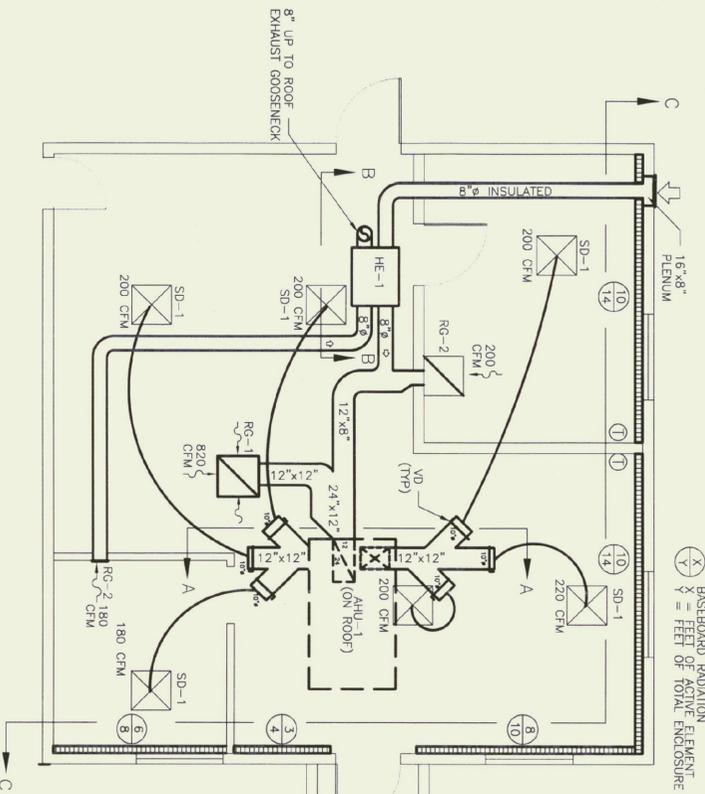
AHU-1: Carrier single package rooftop, high efficiency scroll compressor, weathermaster solution, 3 tons, 1200 CFM AT 0.6" ESP, 1.0 HP 208, 1PH, OPTIONS: APOLLO DDC CONTROLS, SERVICE OPTION PACKAGE A CONVENIENCE OUTLET, UNIT MOUNTED DISCONNECT, 24" ROOF CURB, THRU THE BOTTOM SERVICE CONNECTION, ELECTRONIC PROGRAMMABLE THERMOSTAT, FM/FILTER STATUS, ACUSENSOR III DIFFERENTIAL ENTHALPY CONTROLLER, CONDENSER COIL HALL GUARD, PARABLADE AND POWER EXHAUSTER.
 HE-1: Deschamps EVV 320, OPTIONS: REMOTE H/ALO OFF SWITCH, MOTORIZED FRESH AIR DAMPER.
 BBR: Vulcan DS418, 3 1/4 FN, 18" TALL, 1" COPPER TUBE WITH ACCESSORY COVERS, IN/OUT CORNER CAPS, ACCESS DOORS AND END CAPS (COMPLETED) PRIMED & PAINTED
 SD-1: 24" x 24" Carnes Sata 40 with 10" Dia. round neck
 RG-1: 24" x 24" Carnes Baza
 RG-2: 12" x 12" Carnes Baza
 P-1: Circulator Grundfos UP 26-64, 6 GPM AT 16 FT HL
 CV-1 CONTROL VALVE: TOUR AND ANDERSON RVT 3/4" WITH REMOTE ADJUSTER

MATERIALS SCHEDULE

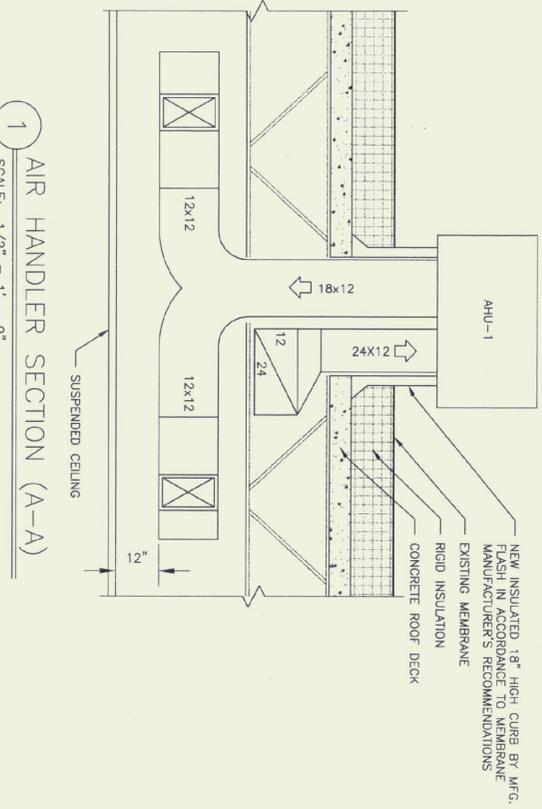
DUCTWORK: GALVANIZED STEEL CONSTRUCTION AND GAUGES PER SMACNA HVAC DUCT CONSTRUCTION STANDARDS. SEAL AIR TIGHT WITH APPROVED DUCT SEALANT. FLEX DUCT: INSULATED SPIRAL WOUND FLEXMASTER FABRIFLEX.
PIPING: TYPE L COPPER.
INSULATION: DUCTWORK: 1 1/2" FOIL FACED DUCT WRAP
 INSULATION: PIPING: INSULATE 1" HWS & HWR WITH 1" FIBERGLASS & ZESTON" FITTING COVERS.
ELECTRICAL EQUIPMENT SCHEDULE
 FLUORESCENT LIGHTING FIXTURES SHALL BE LITHONIA OPTIMAX 2PMO 340 EXPOSED GRID TYPE (3 LAMP) TO FIT IN A 2'x4' GRID. (TYP. OF 14)
 VESTIBULE LIGHT TO BE LITHONIA 10970 22W AGRICULTURE CIRCLINE
 ALL WIREMOLD TO BE G4000 RACEWAY DUAL CHANNEL (TYP.)



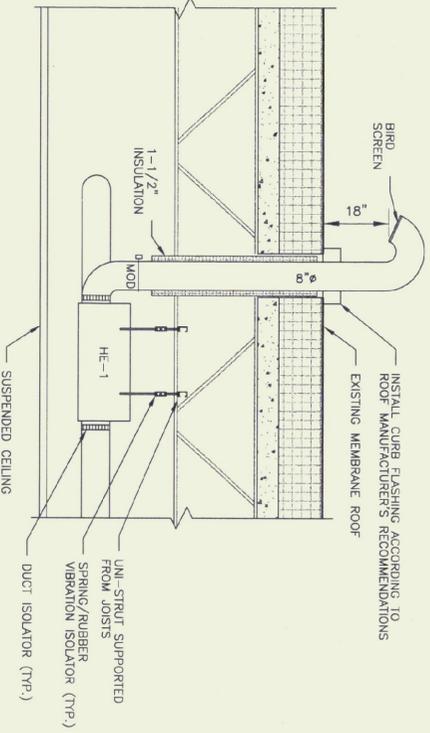
NEW ELECTRICAL PLAN
 SCALE: 1/4" = 1' - 0"



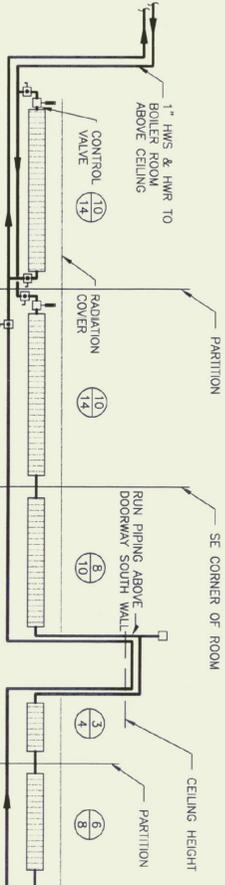
NEW MECHANICAL PLAN
 SCALE: 1/4" = 1' - 0"



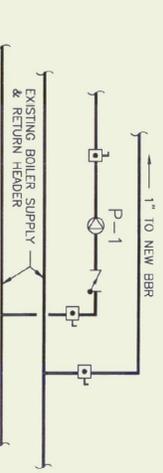
1 AIR HANDLER SECTION (A-A)
 SCALE: 1/2" = 1' - 0"



2 HEAT EXCHANGER SECTION (B-B)
 SCALE: 1/2" = 1' - 0"



3 BASEBOARD DETAIL (C-C)
 SCALE: NONE



4 CONNECTION IN BOILER ROOM
 SCALE: NONE

REVISIONS	SCALE: AS NOTED
	DATE: AUG 1998
	DRAWN BY: G. D. NORWOOD
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E.F. KNAPP AIRPORT
 TERMINAL RENOVATION
 FLOOR PLANS
 BERLIN, VERMONT

STATE OF VERMONT
 Department of Buildings and General Services
 Agency of Administration
 Montpelier, Vermont