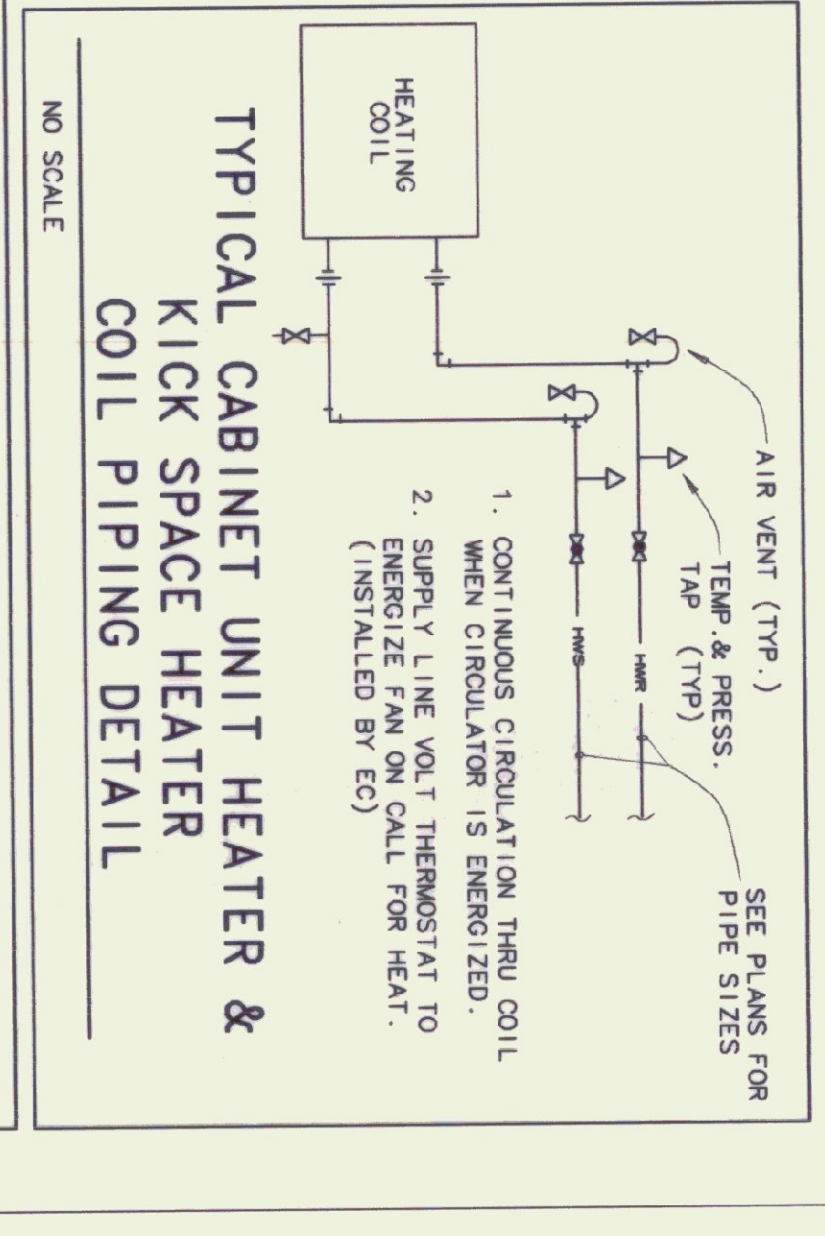
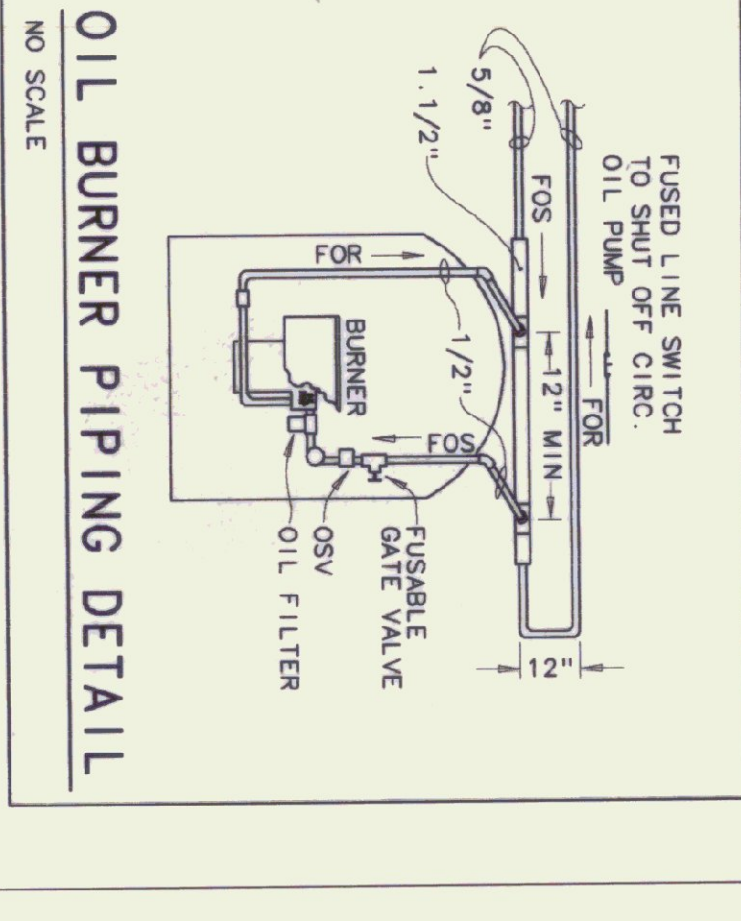
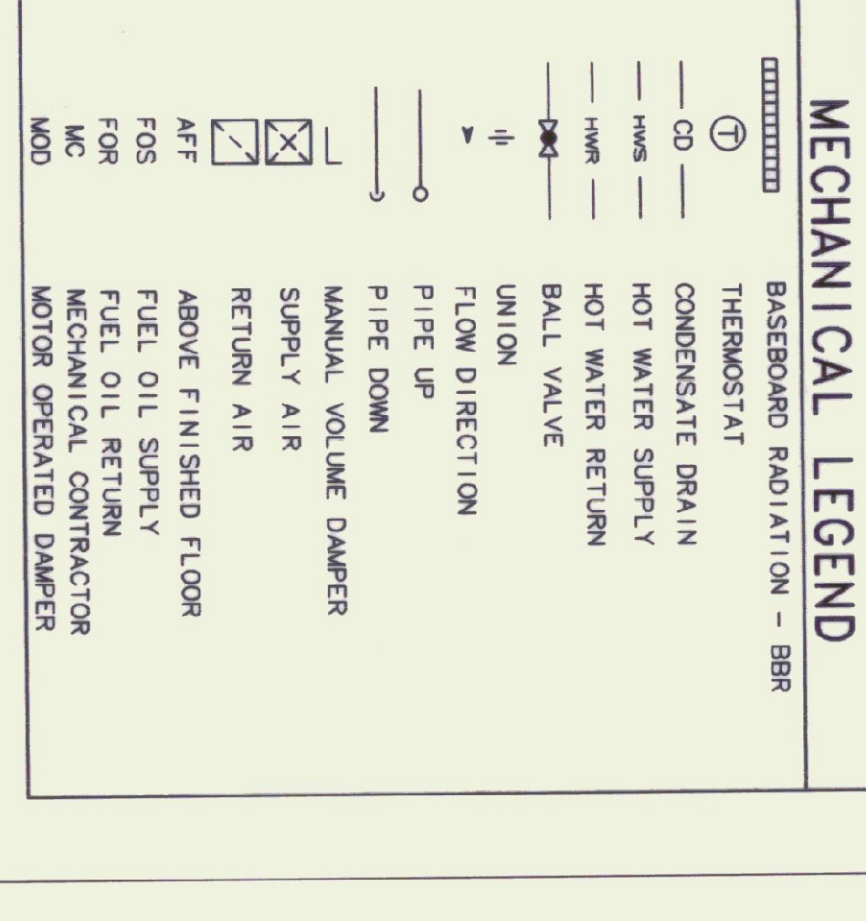
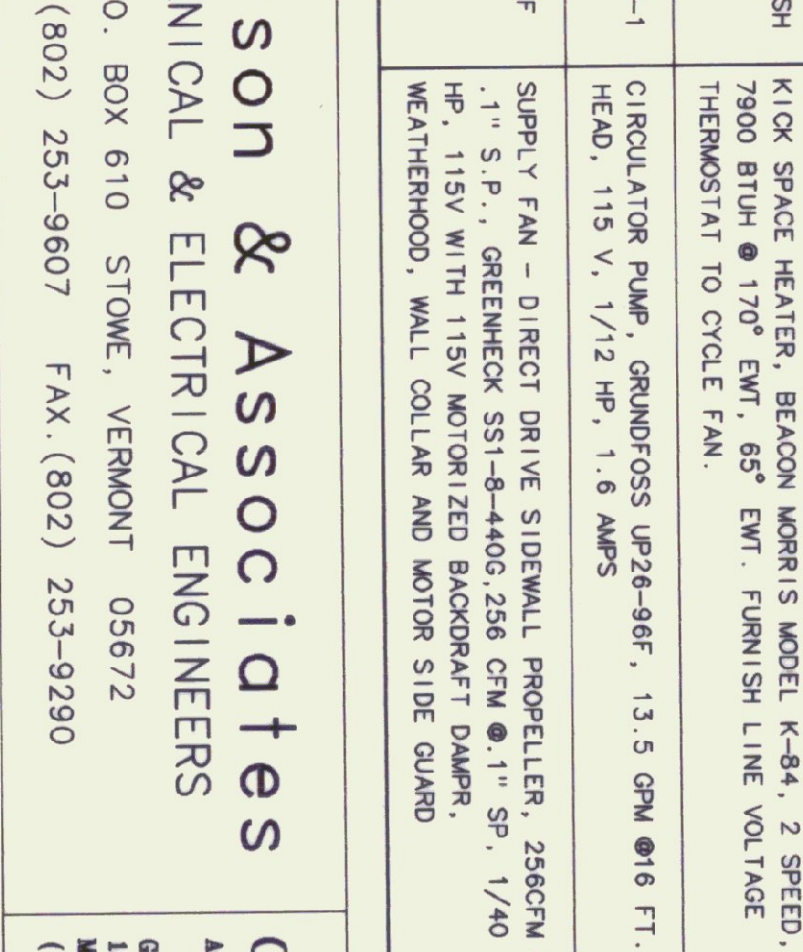
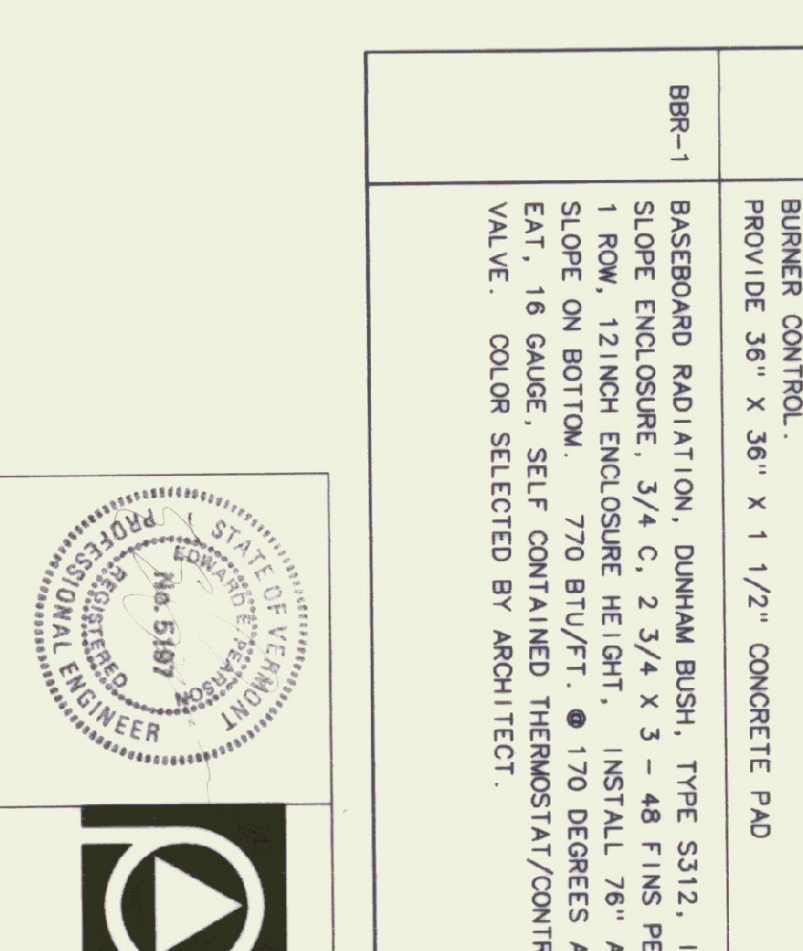
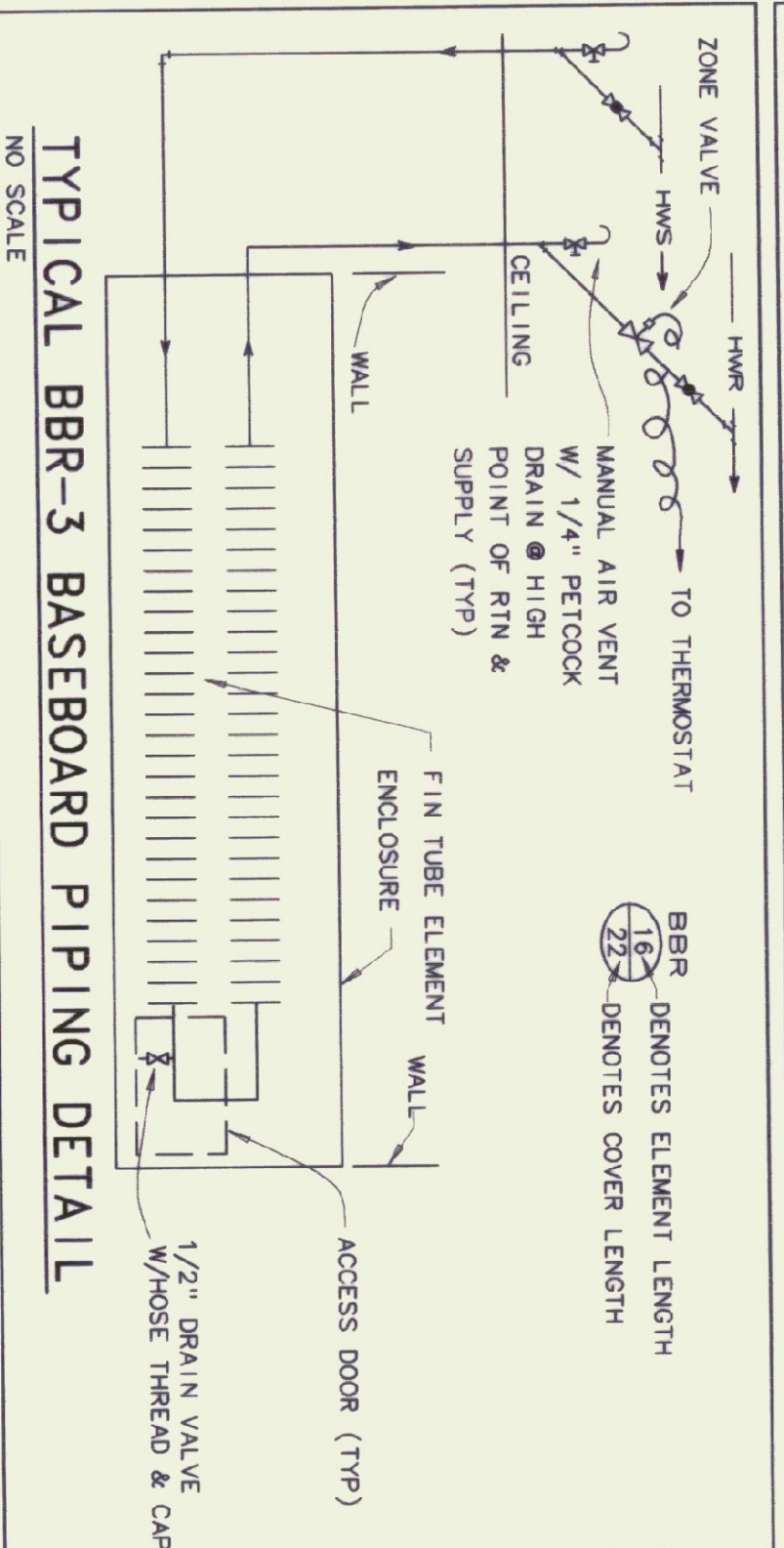


MECHANICAL EQUIPMENT SCHEDULE

ITEM	DESCRIPTION	ITEM	DESCRIPTION
AC-1/1/	AIR CONDITIONING HORIZONTAL BLOWER COIL, LENNOX CBH19-41, 1200 CFM @ 4" WG, 1/3 HP, 230 VOLT WITH PERFECT TEMP ZONE CONTROL SYSTEM MODEL 6203 WITH THREE ZONE DAMPERS AND RELIEF DAMPER.	BBR-2	BASEBOARD RADIATION, DUNHAM BUSH, TYPE S312, SLOPE ENCLOSURE, 3/4" C, 2 3/4" X 3 - 48 FINS PER FOOT, 1 ROW, 12 INCH ENCLOSURE HEIGHT, TOP OF ENCLOSURE AT 16 1/2" INSTALLED HEIGHT, 770 BTU/FT. @ 170 DEGREES AMT., 65 EAT, 16 GAUGE. COLOR SELECTED BY ARCHITECT.
AC-2/2/	AIR CONDITIONING HORIZONTAL BLOWER COIL, LENNOX CBH19-21, 600 CFM @ .3" WG, 1/10 HP, 230 VOLT STANDARD 210/240, 230 VOLT, 21.4 MIN CIRCUIT AMPCAPACITY, LINE SET, 5/8 LIQUID, 3/4 SUCTION.	BBR-3	BASEBOARD RADIATION, DUNHAM BUSH, TYPE S420, SLOPE ENCLOSURE, 3/4" C, 2 3/4" X 3 - 48 FINS PER FOOT, 2 ROW, 20 INCH ENCLOSURE HEIGHT, TOP OF ENCLOSURE AT 24" INSTALLED HEIGHT, 1110 BTU/FT. @ 170 DEGREES AMT., 65 EAT, 16 GAUGE. COLOR SELECTED BY ARCHITECT.
AC-3/3/	AIR CONDITIONING HORIZONTAL BLOWER COIL, LENNOX CBH19-31, 1000 CFM @ .4" WG, 1/3 HP, 230 VOLT WITH PERFECT TEMP ZONE CONTROL SYSTEM MODEL 6203 WITH THREE ZONE DAMPERS AND RELIEF DAMPER.	BBR-4	BASEBOARD RADIATION, DUNHAM BUSH, TYPE S312, SLOPE ENCLOSURE, 3/4" C, 2 3/4" X 3 - 48 FINS PER FOOT, 1 ROW, 12 INCH ENCLOSURE HEIGHT, TOP OF ENCLOSURE AT 16 1/2" INSTALLED HEIGHT, 770 BTU/FT. @ 170 DEGREES AMT., 65 EAT, 16 GAUGE. COLOR SELECTED BY ARCHITECT.
AE-1	AIR ELIMINATION VALVE, SPIROTHERM QUICK AIR RELEASE PROVIDE 36" X 36" X 1 1/2" CONCRETE PAD	CAF	COMBUSTION AIR FAN, THERMULIND PRODUCTS MODEL PAI-10, PROVIDE 3" PVC INLET WITH 90° ELBOW AT OUTDOOR AIR INLET, 115 VOLTS, 80 WATTS.
AS-1	AIR SEPARATOR, SPIROTHERM JUNIOR 1 1/4"	CAB-1	CABINET UNIT HEATER, NON RECESSED FLOOR MOUNTED, DUNHAM BUSH, STYLE F-14, MODEL CQH 100, 3 SPEED, 275/220/175 CFM, TYPE SC COIL, 11,700 BTUH @ 180F EMT, 60F EAT, 1.2 GPM, 20F TD WATER
B-1	BOILER, BUDERUS G208B-50, RIELOLO F5 OIL BURNER, FIRING RATE 1.4 GPH, 188,000 BTU/HR. INPUT, 146,000 BTU/HR OUTPUT, 86.8% EFFICIENCY. ACCESSORIES: BUDERUS ECOMATIC CONTROL SYSTEM HS210Z, TRIDICATOR, 30# RELIEF VALVE, LOW WATER CUTOFF, 3" TIGERHOLM FLEX OIL LINES, BURNER CONTROL.	CQH-2	CABINET UNIT HEATER, NON RECESSED FLOOR MOUNTED, DUNHAM BUSH, STYLE F-14, MODEL CQH 100, 3 SPEED, 275/220/175 CFM, TYPE SC COIL, 11,700 BTUH @ 180F EMT, 60F EAT, 1.2 GPM, 20F TD WATER
BBR-1	BASEBOARD RADIATION, DUNHAM BUSH, TYPE S312, INVERTED, SLOPE ENCLOSURE, 3/4" C, 2 3/4" X 3 - 48 FINS PER FOOT, 1 ROW, 12 INCH ENCLOSURE HEIGHT, INSTALL 78" AF WITH SLOPE ON BOTTOM, 770 BTU/FT. @ 170 DEGREES AMT., 65 EAT, 16 GAUGE. SELF CONTAINED THERMOSTAT/CONTROL VALVE. COLOR SELECTED BY ARCHITECT.	ET-1	EXPANSION TANK, EXTRAL 60
COND1	CONDENSATE DRAIN, 1 1/2" DIA. W/ 1/4" PETCOCK POINT OF RETURN & SUPPLY (TYP)	KSH	KICK SPACE HEATER, BEALON MORRIS MODEL K-84, 2 SPEED, 7900 BTUH @ 170° EMT, 65° EMT, FINISH LINE VOLTAGE THERMOSTAT TO CYCLE FAN.
COND2	CONDENSATE DRAIN, 1 1/2" DIA. W/ 1/4" PETCOCK POINT OF RETURN & SUPPLY (TYP)	P-1	CIRCULATOR PUMP, GROUNDROSS UP26-96F, 13.5 GPM @ 16 FT. HEAD, 115 V, 1 1/2 HP, 1.6 AMPS
COND3	CONDENSATE DRAIN, 1 1/2" DIA. W/ 1/4" PETCOCK POINT OF RETURN & SUPPLY (TYP)	SAF	SUPPLY FAN - DIRECT DRIVE SIDEWALL PROPPELLER, 256CFM @ 1" S.P., GREENHECK SSI-B-440G, 256 CFM @ 1" SP, 1/40 HP, 115V WITH 115V MOTORIZED BACKDRIFT DAMPER, WEATHERHOOD, WALL COLLAR AND MOTOR SIDE GUARD



EXHAUST FAN, GRILLES, REGISTERS, DIFFUSERS SCHEDULE

ITEM	DESCRIPTION
EF-1	EXHAUST FAN, 80 CFM, 115 VOLT, BROWN 664 W/ HOODED WALL CAP.
EF-2	SAME AS EF-1 WITH LINE VOLTAGE T-STAT - CLOSE ON RISE.
RG-1	RETURN GRILLE, METAL-AIRE 7500-6, 24x24 T-BAR, 10" OD NECK, NO DAMPER.
SR-1	CEILING SUPPLY DIFFUSER, 6x6, 4 WAY, METAL-AIRE SERIES 5000-6-1V-SPFN-05 T-BAR MOUNT (24x24), ALUMINUM WHITE W/ OPPOSED BLADE DAMPER AND INDUCTION VANE CORE.
SR-2	CEILING SUPPLY DIFFUSER, 9x9, 4 WAY, METAL-AIRE SERIES 5000-6-1V-SPFN-05 T-BAR MOUNT (24x24), ALUMINUM WHITE W/ OPPOSED BLADE DAMPER AND INDUCTION VANE CORE.
SR-3	CEILING SUPPLY DIFFUSER, 12x12, 4 WAY, METAL-AIRE SERIES 5000-6-1V-SPFN-05 T-BAR MOUNT (24x24), ALUMINUM WHITE W/ OPPOSED BLADE DAMPER AND INDUCTION VANE CORE.
SR-4	CEILING SUPPLY DIFFUSER, 9x9, 4 WAY, METAL-AIRE SERIES 5000-1-1V-SPFN-05 ALUMINUM WHITE W/ OPPOSED BLADE DAMPER AND INDUCTION VANE CORE.

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STATE OF VERMONT
 Department of Buildings & General Services
 AGENCY OF ADMINISTRATION
 Agency of Transportation
 HUNTINGTON HANGAR OFFICES
 Berlin, Vermont
OFFICE AREA HVAC PLAN

DATE: 11/10/00 SCALE: 1/4"=1'-0"
 DRAWN BY: B.W.M. APPROVED BY: E.E.P.
 SHEET: P-HHO-M1 OF
 DWG NO. M-1

GENERAL NOTE
 1. REFER TO PIPING DIAGRAMS FOR EQUIPMENT PIPING

CONNECT TO EXISTING 5/8" OD FUEL OIL RETURN

MECHANICAL LEGEND

BASEBOARD RADIATION - BBR
 THERMOSTAT
 CONDENSATE DRAIN
 HOT WATER SUPPLY
 HOT WATER RETURN
 MANUAL WATER SUPPLY
 MANUAL WATER RETURN
 UNION
 FLOW DIRECTION
 PIPE UP
 PIPE DOWN
 MANUAL VOLUME DAMPER
 SUPPLY AIR
 RETURN AIR
 ABOVE FINISHED FLOOR
 FUEL OIL SUPPLY
 FUEL OIL RETURN
 MECHANICAL CONTRACTOR
 MOTOR OPERATED DAMPER

MECHANICAL EQUIPMENT SCHEDULE

OFFICE AREA HVAC PLAN
 1/4" = 1'-0"

NO SCALE

NO SCALE