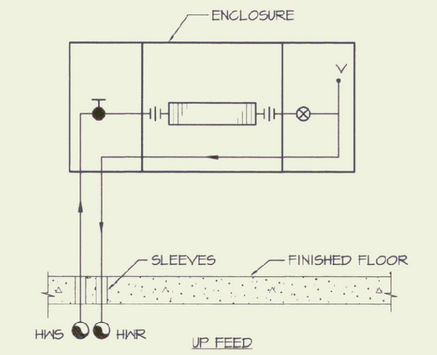
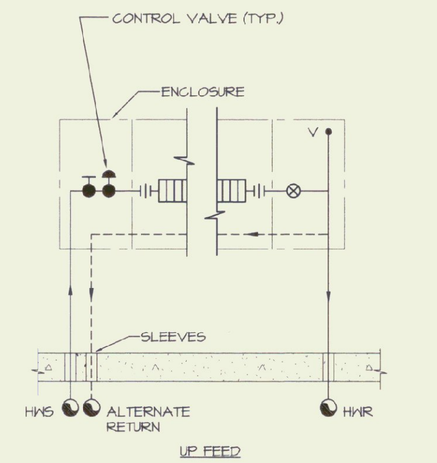
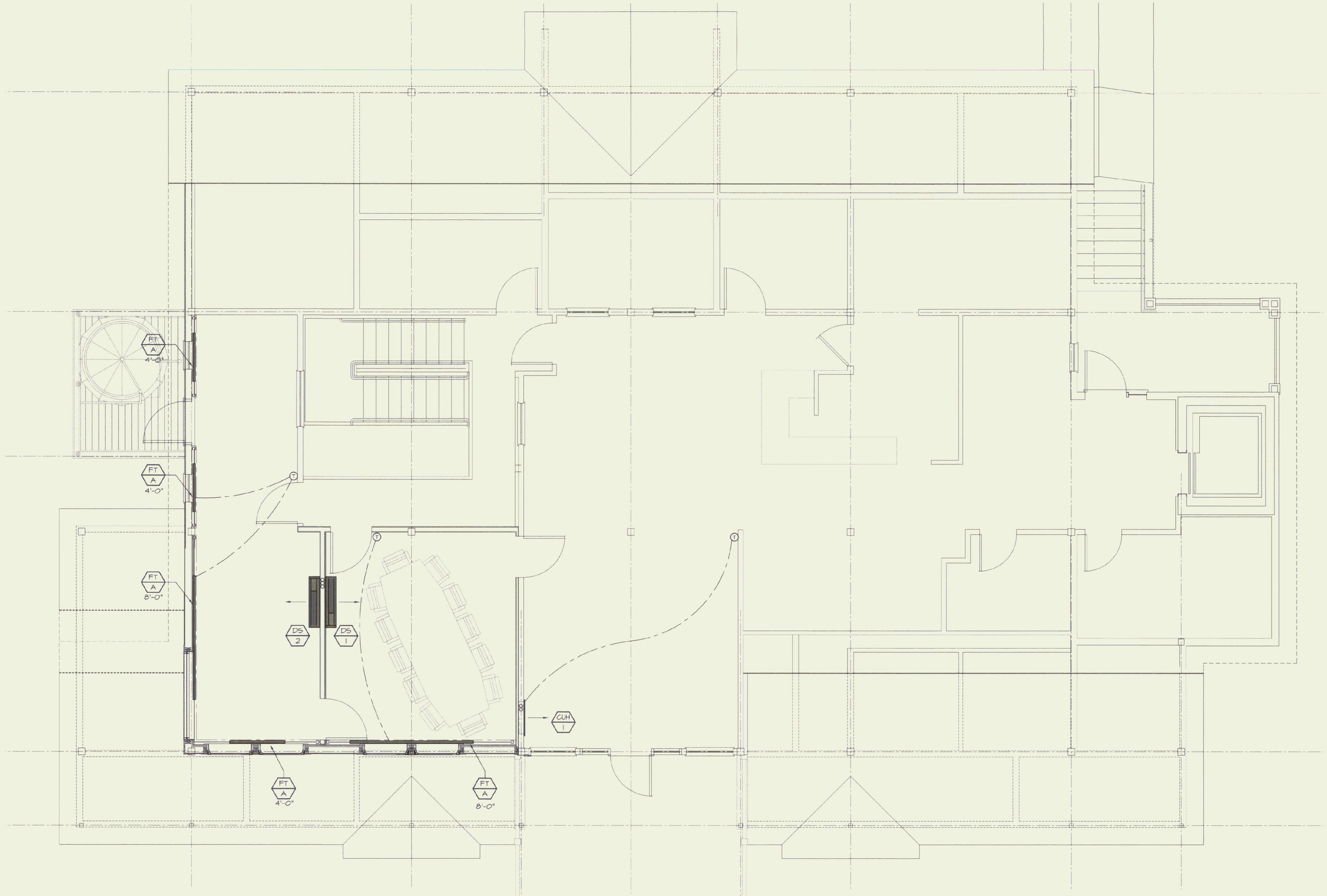


CABINET UNIT HEATER PIPING DETAILS
NO SCALE HOT WATER



FIN RADIATION PIPING DETAIL (1 ROW)
NO SCALE HOT WATER



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

PROJECT NORTH

UNIT HEATER SCHEDULE - HOT WATER 180 F.E.W.T.

TYPE	LOCATION	SERVICE	TYPE	CFM	CAPACITY MBH	GPM	TEMP. DROP °F	PRE. DROP FT. HD.	E.A.T. °F	L.A.T. °F	FAN MOTOR RPM	FAN MOTOR HP	FAN MOTOR VOLTS	FAN MOTOR PHASE	DESIGN EQUIPMENT
CUH1	AS SHOWN	HEATING	RECESSED	185	15.0	1.5	20	0.15	60	135	875	1/15	120	1Φ	STERLING SEMI RECESSED RM 1120 - 02

AIR COOLED CONDENSER SCHEDULE 95° F AMBIENT AIR

UNIT NO.	LOCATION	SERVICE	CAPACITY TONS	CONDENSER NO. OF FANS	CONDENSER FLA	CONDENSER VOLTS	CONDENSER PHASE	COMPRESSOR NO. OF STAGES	COMPRESSOR RLA	COMPRESSOR VOLTS	COMPRESSOR PHASE	DESIGN EQUIPMENT
ACC1	AS SHOWN	DS1 & DS2	1-1/2 TONS	1	0.6	240	1Φ	2	20	240	1Φ	MITSUBISHI MUMIBEN

RADIATION SCHEDULE - HOT WATER 180 DEG. F ENT, 20 DEG. F TEMP. DROP

TYPE	LOCATION	SERVICE	BTU/HR LIN. FT.	ENCLOSURE H	ENCLOSURE D	ENCLOSURE MOUNT. HGT. TO TOP	ELEMENT TUBE SIZE	ELEMENT FIN SIZE H	ELEMENT FIN SIZE W	ELEMENT ROWS	ELEMENT FIN/FT	DESIGN EQUIPMENT
FTA	AS SHOWN	HEATING	1000	14"	4-1/4"	18"	3/4"	3-1/4"	3-1/4"	1	50	STERLING 14A

PTAC UNIT SCHEDULE - ELECTRIC

UNIT NO.	LOCATION	SERVICE	CFM	MIN. O.A. CFM	COOLING PERFORMANCE TOTAL MBH	COOLING PERFORMANCE FLA	COOLING PERFORMANCE EER	VOLTS	PHASE	DESIGN EQUIPMENT
DS1	AS SHOWN	CONF. ROOM	237	-	8400	0.3	9.9	120	1Φ	MITSUBISHI MSMIBEN
DS2	AS SHOWN	OFFICE	237	-	8400	0.3	9.9	120	1Φ	MITSUBISHI MSMIBEN

BMZA
Architects & Planners
Browning | Moore | Zucker | Ackerman
103 Wales Street
Rutland, Vermont 05701
Tel 802-773-8245
Fax 802-773-8235
info@bmza.com
www.bmza.com

W.V. ENGINEERING ASSOCIATES, P.C.
MECHANICAL AND ELECTRICAL ENGINEERING
11 KING COURT
KEENE, NEW HAMPSHIRE 03431
TELEPHONE: 603-352-7007
FAX: 603-352-7006
WVA PROJECT 99114

ZAREMBA-SOPKO ASSOCIATES, PLLC
STRUCTURAL ENGINEERING
5 BROADWAY, SUITE 203
TROY, NEW YORK 12180
TELEPHONE: 518-273-2555
FAX: 518-273-2552

PROJECT MANAGEMENT:
STATE OF VERMONT
DEPT. OF BUILDINGS & GENERAL SERVICES
2 GOVERNOR AIKEN AVENUE
MONTPELIER, VERMONT 05633
TEL. 802-828-3314
FAX. 802-828-3533

BUILDING OWNER:
STATE OF VERMONT
AGENCY OF TRANSPORTATION
DEPT. OF MAINTENANCE AND AVIATION
NATIONAL LIFE BUILDING, DRAWER 33
MONTPELIER, VERMONT 05633-5001
TEL. 802-828-5752/ FAX 802-828-2848

JANUARY 2002

BID SET

NO.	REVISION	DATE
03	BID DATE	01/30/02

Renovations and Addition for the

RUTLAND STATE AIRPORT

1002 AIRPORT ROAD, TERMINAL BUILDING
NORTH CLARENDON, VERMONT 05759
TEL. 802-786-8881
FAX 802-773-5660

SECOND FLOOR MECHANICAL PLAN

PROJECT NORTH

KEY PLAN

PROJECT: R99060 | DRAWN: MAM | CHECKED: MDV

STATE OF VERMONT MARK D. VINCELETTE NO. 6202 REGISTERED PROFESSIONAL ENGINEER

PROFESSIONAL SEAL

M

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