

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

KEYED NOTES:

- 1 REMOVE EXISTING BASEBOARD.
- 2 REMOVE EXISTING BASEBOARD.
- 3 DELETED
- 4 EXISTING THERMOSTAT TO BE REMOVED.
- 5 REMOVE EXISTING BOILER, CIRC PUMP, VALVES, EXPANSION TANK AND ASSOCIATED ACCESSORIES.
- 6 REMOVE EXISTING FLUE PIPE FROM BOILER TO VERTICAL THROUGH ROOF. ROOF TO BE PATCHED BY OTHERS.
- 7 INSTALL DUCT IN JOIST SPACE
- 8 INSTALL DUCT TIGHT TO BOTTOM OF JOISTS
- 9 REMOVE EXISTING FLUE PIPE. WALL TO BE PATCHED BY OTHERS
- 10 REMOVE EXISTING LP GAS UNIT HEATER AND THERMOSTAT.
- 11 DELETED
- 12 DELETED
- 13 REMOVE ALL PIPING ON THIS WALL (EXTERIOR) THAT IS NOT BEING USED. HOLES TO BE PATCHED BY OTHERS
- 14 PROVIDE WALL CAP, COORDINATE LOCATION OF NEW OPENING WITH ARCHITECT
- 15 VENT THROUGH ROOF AND TERMINATE WITH VENT CAP, VENT SHOULD EXTEND 3'-0" ABOVE ROOF, PROVIDE TALL CONE FLASHING, STORM COLLAR, AND VENT CAP. HOLE THROUGH ROOF AND FLASHING OF TALL CONE FLASHING INTO EXISTING ROOF BY OTHERS
- 16 VENT THROUGH ROOF AND TERMINATE WITH GOOSENECK, VENT SHOULD EXTEND 3'-0" ABOVE ROOF, PROVIDE TALL CONE FLASHING, STORM COLLAR, AND VENT CAP. HOLE THROUGH ROOF AND FLASHING OF TALL CONE FLASHING INTO EXISTING ROOF BY OTHERS
- 17 COMBUSTION AIR LOUVER FINAL LOCATION TO BE COORDINATED WITH ARCHITECT. LOUVER TO BE LOCATED 12" BELOW ROOF STRUCTURE. DUCT 6x9 DUCT DN TO WITHIN 12" AFF
- 18 PROVIDE ISOLATION VALVE (GAS COCK) AT UNIT. PROVIDE 6" DIRT LEG.

GENERAL NOTES:

- A. FIELD VERIFY ALL DIMENSIONS BEFORE COMMENCEMENT OF WORK. NOTIFY ENGINEER OF ANY ERRORS.
- B. MC TO SUPPLY ALL MOTOR STARTERS, EC TO PROVIDE ALL DISCONNECT SWITCHES AND TO INSTALL DISCONNECT SWITCH AND STARTERS.
- C. ALL EXPOSED DUCT SHALL BE PREPARED FOR PAINTING. PAINTING OF DUCT BY OTHERS.
- D. REMOVE EXISTING LP GAS PIPING BACK TO EXISTING REGULATOR

MECHANICAL LEGEND

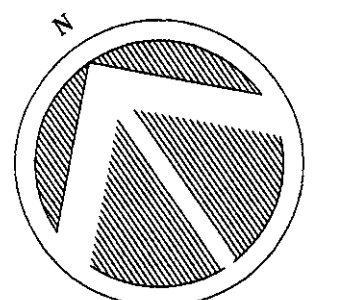
- THERMOMETER
- PIPE TURNED DOWN
- PIPE TURNED UP
- CHECK VALVE
- FLOW DIRECTION
- PUMP
- SUPPLY AIR DUCT UP
- RETURN AIR DUCT UP
- SUPPLY AIR DUCT DOWN
- RETURN AIR DUCT DOWN
- THERMOSTAT
- CONNECTION TO EXISTING
- HWS
- HWR
- COND
- AFF
- GC
- MC
- EC
- PC
- <E>

MECHANICAL EQUIPMENT SCHEDULE

ITEM	DESCRIPTION
AHU-1	TRANE VERTICAL LP GAS FIRED FURNACE MODEL TUX100C9480, LOW SPEED, 0.5"ESP, 1675CFM SA, 200CFM OA, 100 MBH IN, 94 MBH OUT, 92% EFF, 1/3 HP, 1075 RPM, POWER: 115/1/60, 13.5A, 1/2" GAS CONNECTION, PROVIDE WITH LP CONVERSION KIT, SIDE FILTER RACK, TRANE CASED COIL MODEL TXC049C4HP, 7/8" GAS, 3/8" LIQUID, 3/4" CONDENSATE, 2" 30% FILTER
CU-1	TRANE CONDENSING UNIT MODEL 2TTB2048A100, 10.6 EER, 11.75 SEER, POWER: 230/1/60, MIN CIRCUIT AMPS 26A
AHU-2	TRANE CLIMATE CHANGER UNIT MODEL LPCAA10A, HORIZONTAL CONFIGURATION, 0.5"ESP, 2700CFM SA, 600CFM OA, 70 MBH TC, 50 MBH SC, 1 HP, 750 RPM, POWER: 200-230/1/60, FLA 5.3A, PROVIDE WITH 4 ROW DX COIL, 2" PLEATED THROW AWAY FILTER, MIXING BOX, TRANE TRACER AH.540 CONTROLLER, OUTSIDE AIR SENSOR (FIELD INSTALLED), 1 1/8" SUCTION, 1/2" LIQUID, 3/4" CONDENSATE, 2" 30% FILTER
CU-2	TRANE 3-TON CONDENSING UNIT MODEL 2TTB2036A100, 10.6 EER, 11.75 SEER, POWER: 200-230/1/60, MIN CIRCUIT AMPS 19A, (QUANTITY 2)
EF-1	PANASONIC MODEL FV-07VQL2, 70 CFM, 4" EXHAUST, 15.4W, 0.35A, 1018RPM
LV-1	GREENHECK MODEL ESK-402 18x18, MILL FINISH, BIRD SCREEN, FLANGED
LV-2	GREENHECK MODEL ESK-402 24x18, MILL FINISH, BIRD SCREEN, FLANGED

GRILLE, REGISTER, DIFFUSER SCHEDULE

UNIT SYMBOL	MANUFACTURER	SIZE	TYPE & MODEL
S-1	METAL*AIRE	8x6	METAL*AIRE MODEL VHD, WHITE, ALUMINUM, OBD
S-2	METAL*AIRE	10x6	METAL*AIRE MODEL VHD, WHITE, ALUMINUM, OBD
S-3	METAL*AIRE	9x9	METAL*AIRE MODEL 5000-6-IV-D5, WHITE, ALUMINUM, OBD
S-4	METAL*AIRE	6x4	METAL*AIRE MODEL VHD, WHITE, ALUMINUM, OBD
S-5	METAL*AIRE	10x8	METAL*AIRE MODEL VHD, WHITE, ALUMINUM, OBD
R-1	METAL*AIRE	30x10	METAL*AIRE MODEL RHD, WHITE, ALUMINUM, OBD
R-2	METAL*AIRE	14x10	METAL*AIRE MODEL RHD, WHITE, ALUMINUM, OBD
R-3	METAL*AIRE	48x16	METAL*AIRE MODEL RHD, WHITE, ALUMINUM, OBD



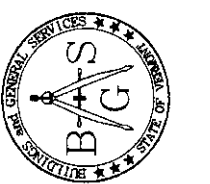
GBA

GOSSENS BACHMAN ARCHITECTS

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STATE OF VERMONT
DEPARTMENT OF BUILDINGS
AND GENERAL SERVICES
AGENCY OF ADMINISTRATION
MONTPELIER, VERMONT



Rutland Airport

Old Terminal

Rutland, Vermont

Revisions:

Job Number: 0302-105

File Name:

Scale: As Noted

Date: March 2005

FLOOR PLAN MECHANICAL

M1