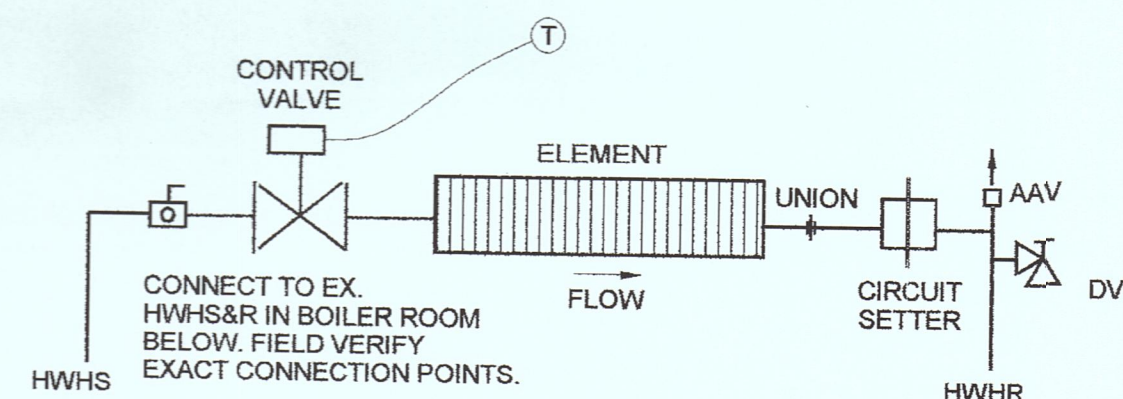




RADIATOR PIPING DETAIL
NTS

NOTE: INSULATE ALL SUPPLY, RETURN, EXHAUST, COMB. AIR INTAKE & FRESH AIR INTAKE DUCTWORK IN MECHANICAL ROOM.

18X12 COMBUSTION AIR DUCT W/ ACD OPEN END 12" ABV. FURNACE RM FLOOR. INTERLOCK ACD WITH BURNER.

1/2" OIL SUPPLY & RETURN PIPES DN

18" rd SUPPLY RISE UP & RUN ABV FURNACE. TRANSITION TO 16" rd.

UPPER MECHANICAL ROOM PLAN

SCALE = 1/4" = 1'-0"

EF-1: WALL RECESSED EXHAUST FAN EF-1, 75 CFM. PROVIDE WITH ROOF CAP.

EF-2: WALL RECESSED EXHAUST FAN EF-2, 75 CFM. PROVIDE WITH ROOF CAP.

6" ALL METAL INSULATED DOUBLE WALL CHIMNEY PIPE UP THRU ROOF TO VENT CAP.

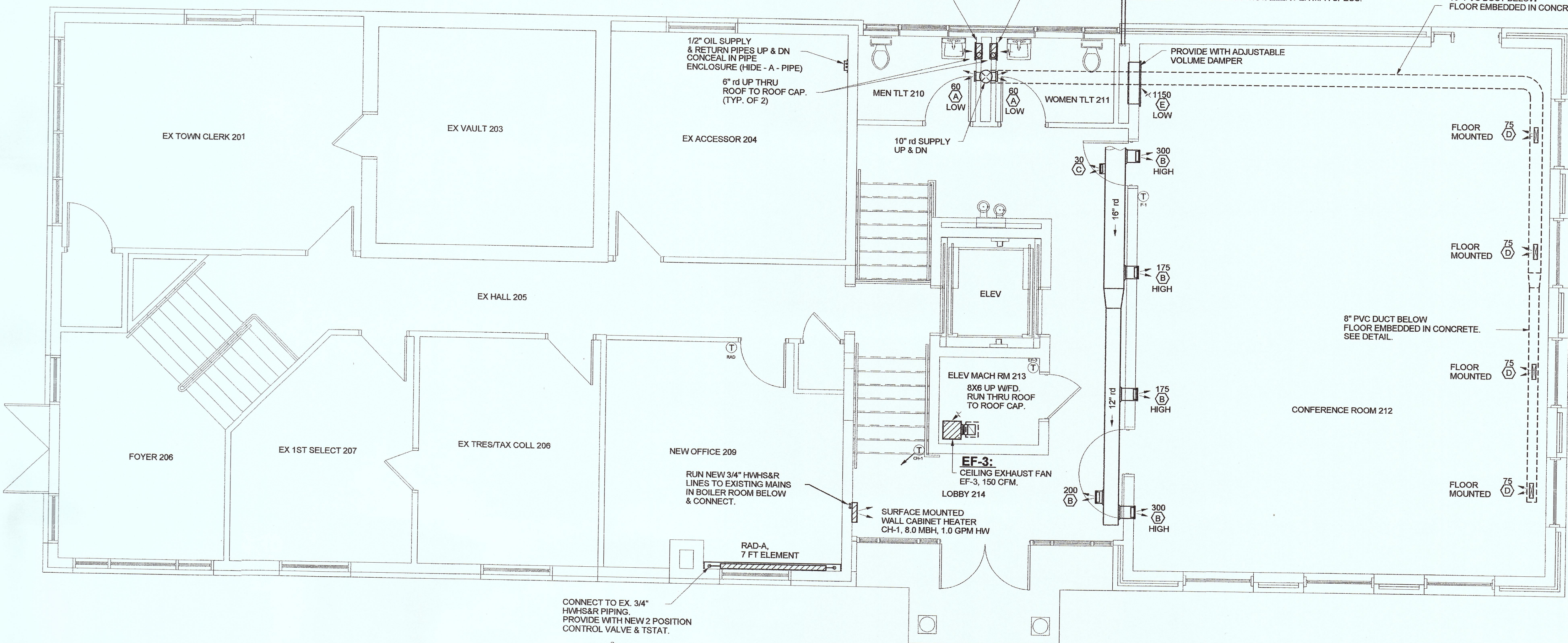
10X8 FRESH AIR INTAKE DUCT W/ ACD & VD SET @ 300 CFM.

F-1: HORIZONTAL OIL FIRED FURNACE WITH ADD ON DX COOLING COIL.

4 TON CONDENSING UNIT MOUNTED ON PREFAB PVC PAD. REFR. PIPING SHALL BE SIZED BY INSTALLER PER MFR SPECS.

10" PVC DUCT BELOW FLOOR EMBEDDED IN CONCRETE.

PROVIDE WITH ADJUSTABLE VOLUME DAMPER



CONNECT TO EX. 3/4" HWHS&R PIPING. PROVIDE WITH NEW 2 POSITION CONTROL VALVE & TSTAT.

RUN NEW 3/4" HWHS&R LINES TO EXISTING MAINS IN BOILER ROOM BELOW & CONNECT.

SURFACE MOUNTED WALL CABINET HEATER CH-1, 8.0 MBH, 1.0 GPM HW

EF-3: CEILING EXHAUST FAN EF-3, 150 CFM.

LOBBY 214

8X6 UP W/VD. RUN THRU ROOF TO ROOF CAP.

ELEV MACH RM 213

8X6 UP W/VD. RUN THRU ROOF TO ROOF CAP.

ELEV

WOMEN TLT 211

MEN TLT 210

10" rd SUPPLY UP & DN

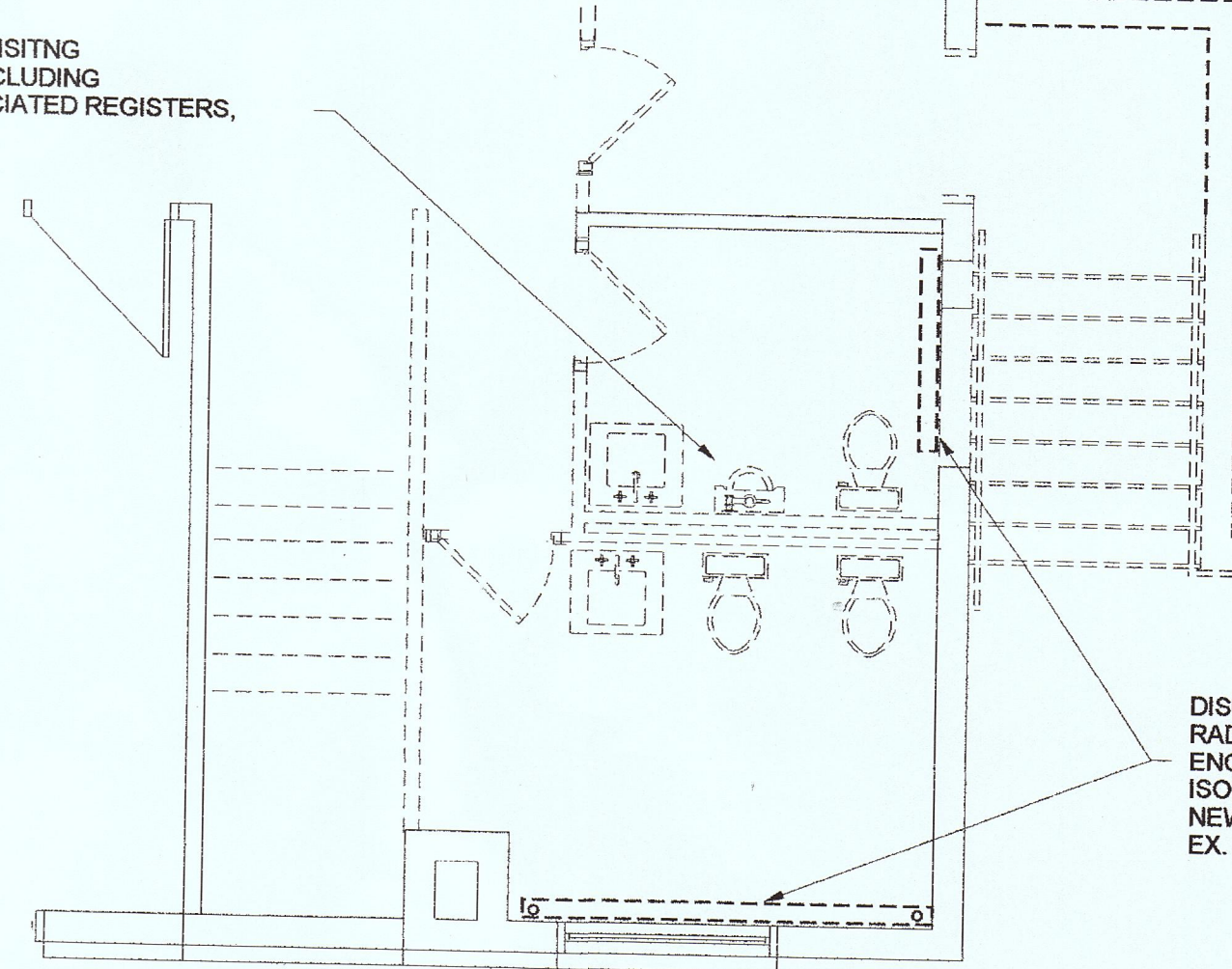
6" rd UP THRU ROOF TO ROOF CAP. (TYP. OF 2)

1/2" OIL SUPPLY & RETURN PIPES UP & DN CONCEAL IN PIPE ENCLOSURE (HIDE-A-PIPE)

UPPER LEVEL PLAN- NEW WORK

SCALE = 1/4" = 1'-0"

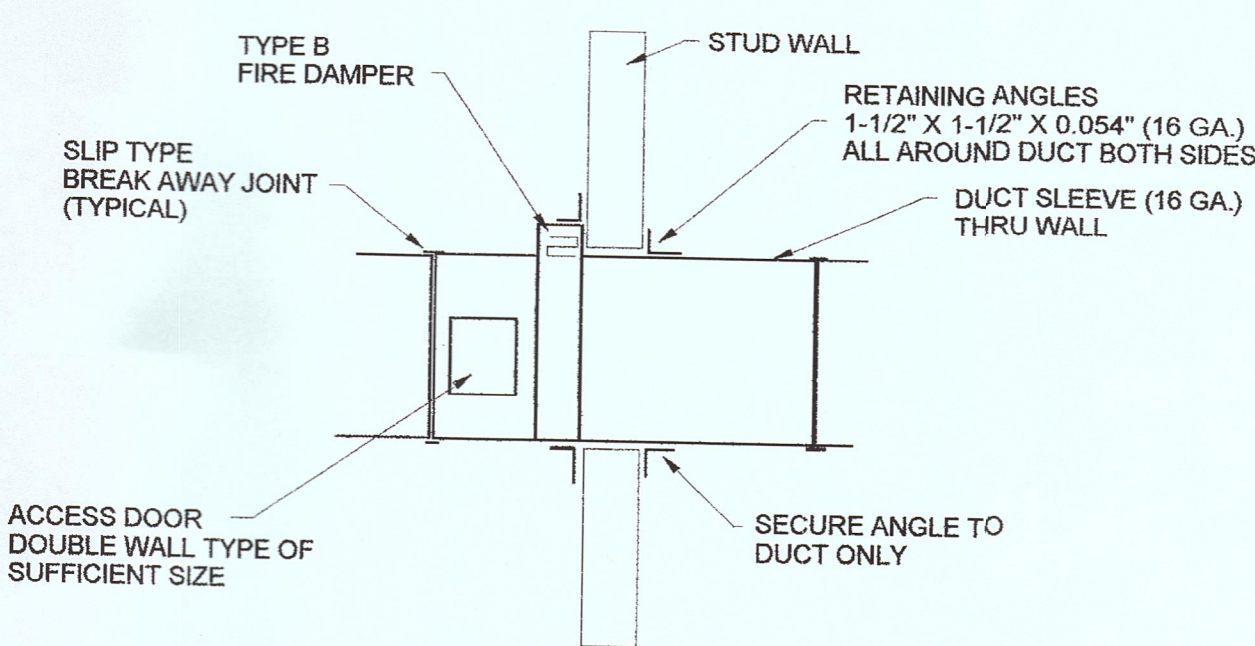
DISCONNECT & REMOVE EXISTING TOILET EXHAUST FAN(S) INCLUDING BUT NOT LIMITED TO ASSOCIATED REGISTERS, DUCTWORK & WIRING.



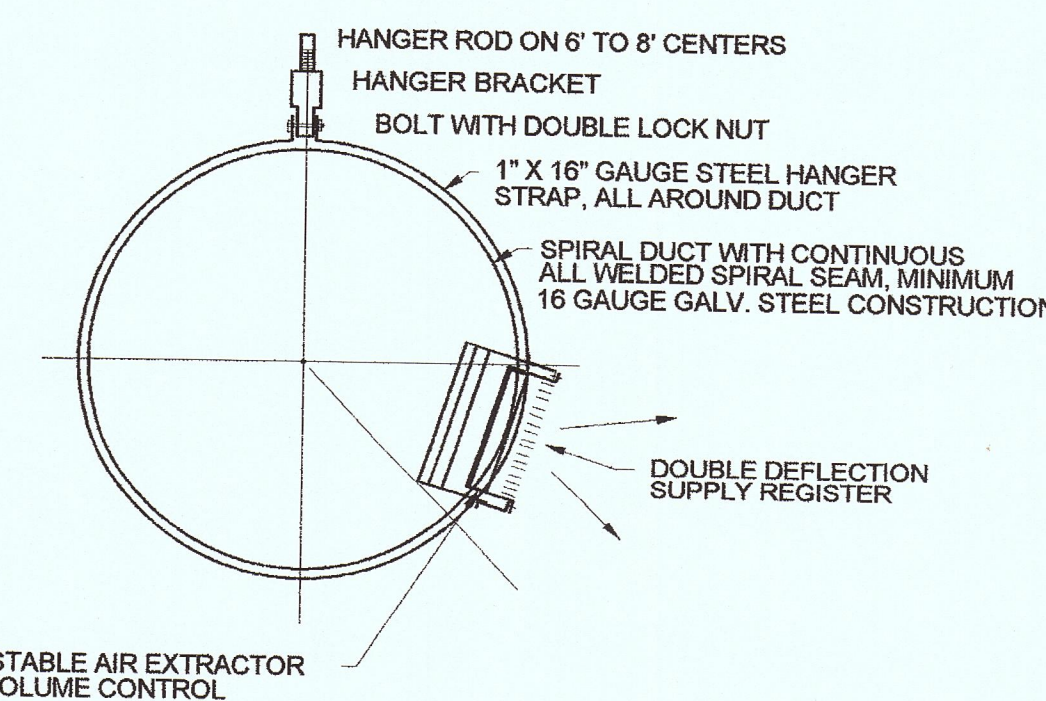
DISCONNECT & REMOVE EXISTING RADIATOR INCLUDING ASSOCIATED ENCLOSURE & VALVE. CUT BACK PIPING TO ISOLATION VALVE. PREPARE FOR NEW REPLACEMENT RADIATION USING EX. HWHS & HWHR PIPING & CONTROLS.

UPPER LEVEL PART DEMOLITION PLAN-

SCALE = 1/4" = 1'-0"



TYPE B FIRE DAMPER INSTALLATION DETAIL
SIMILAR FOR VERTICAL ARRANGEMENT
NTS



ADJUSTABLE AIR EXTRACTOR FOR VOLUME CONTROL

TYPICAL DETAIL OF SUPPLY REGISTER INSTALLATION ON EXPOSED DUCT

N.T.S.



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ADDITIONS & RENOVATIONS FOR:
ANDOVER TOWN HALL
17 SCHOOL ROAD
ANDOVER, CT

Sheet Description:

MAIN LEVEL FLOOR PLAN

MECHANICAL

Scale:
1/4" = 1'-0"

Issue Date:
APRIL 2008

Project #:
QA 0585
MED 0624

Drawn By:
STD/NHS

Sheet #:

M1.1