

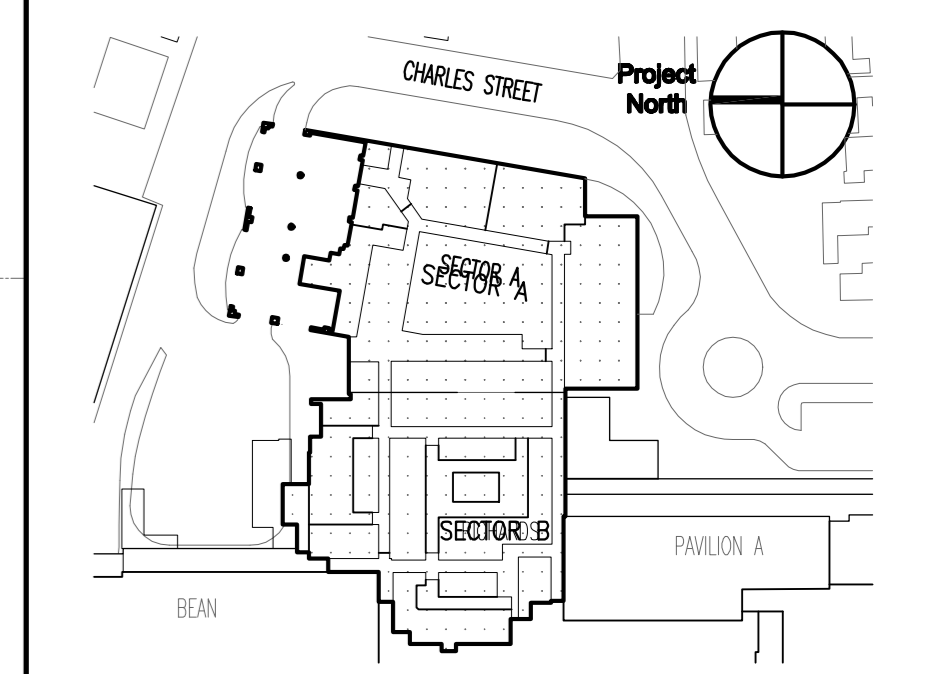
1. PROVIDE VOLUME DAMPERS IN ALL SUPPLY, RETURN AND EXHAUST DUCT BRANCHES; (TYPICAL).

DRAWING NOTES:

- 1 12X6 ALUMINUM EXHAUST DUCT DROP DOWN WITHIN 16X10 I.D. CLEAR CHASE TO 6" W X 22" HIGH HEAVY DUTY ALUMINUM EXHAUST REGISTER INSTALLED BOTTOM OF REGISTER 6" AFF; BALANCE FOR 250 CFM.
- 2 14X10 RETURN DUCT DROP DOWN WITHIN 20X14 I.D. CLEAR CHASE TO 12" W X 36" HIGH LOW HEAVY DUTY RETURN REGISTER INSTALLED BOTTOM OF REGISTER 6" AFF; BALANCE FOR 575 CFM. (TYP. OF 4)
- 3 14X8 ISOLATION ROOM EXHAUST DUCT DROP DOWN WITHIN 16X12 I.D. CLEAR CHASE TO 10" W X 18" HIGH LOW HEAVY DUTY EXHAUST REGISTER INSTALLED BOTTOM OF REGISTER 6" AFF; BALANCE FOR 400 CFM. (TYP. OF 4)
- 4 20X12 SUPPLY DUCT DROP DOWN WITHIN 24X16 I.D. CLEAR CHASE TO A 16" W X 30" HIGH LOW HEAVY DUTY SUPPLY REGISTER INSTALLED BOTTOM OF REGISTER 6" AFF; BALANCE FOR 1000 CFM. (TYP. OF 2)
- 5 PROVIDE COMBINATION FIRE & SMOKE DAMPERS (FD/SD) INSTALL IN ALL SUPPLY, RETURN, AND EXHAUST DUCTS WHICH PENETRATE THE TWO HOUR RATED FIRE/SMOKE BARRIER WALL.
- 6 PROVIDE SMOKE DAMPERS (SD) INSTALL IN ALL SUPPLY, RETURN, AND EXHAUST DUCTS WHICH PENETRATE THE ONE HOUR RATED SMOKE BARRIER WALL.
- 7 PROVIDE MEDIUM SECURITY TYPE SUPPLY AND RETURN REGISTERS FOR PSYCH. EXAM ROOMS AND SECLUSION ROOM. CONTRACTOR TO PROVIDE & CARRY ALL COSTS FOR FIELD WELDING THE ANGLE IRON FRAME MEMBERS BETWEEN THE GRILLE SLEEVE AND THE PSYCH. ROOM WALLS AS REQUIRED. THE SUPPLY AND RETURN DUCTWORK SHALL BE WELDED TO THE GRILLE SLEEVE OUTSIDE OF THE WALL ABOVE CORRIDOR CEILING. THE GRILLE SLEEVE LENGTH SHALL BE COORDINATED WITH THE WALL DEPTH. REFER TO MANUFACTURER'S DETAIL FOR SG-3300RL ANGLE FRAME MOUNTING.
- 8 PROVIDE 12"X12" MINIMUM SIZE CEILING ACCESS PANELS IN GWB CEILING FOR ACCESS TO DAMPERS (TYPICAL).
- 9 PROVIDE FIRE/SMOKE DAMPERS (FD/SD) INSTALL IN ALL SUPPLY, RETURN, AND EXHAUST DUCTS WHICH PENETRATE RATED SHAFT ENCLOSURES.
- 10 CONTRACTOR SHALL PROVIDE AND INSTALL DIFFUSERS, REGISTERS, AND GRILLES WITH TAMPERPROOF SECURITY SCREWS AND HARDWARE AS REQUIRED.
- 11 12X8 RETURN DUCT DROP DOWN WITHIN 16X12 I.D. CLEAR CHASE TO 10" W X 24" HIGH LOW HEAVY DUTY RETURN REGISTER INSTALLED BOTTOM OF REGISTER 6" AFF; BALANCE FOR 515 CFM. (TYP. OF 2)
- 12 ALL HUMIDIFIERS SHALL BE INSTALLED WITH 5'-0" MINIMUM STRAIGHT DUCT DOWNSTREAM WITH NO TAKE-OFFS, ELBOWS, OR TRANSITIONS. ALL HUMIDIFIER DUCTWORK SHALL BE ALUMINUM.
- 13 EXISTING AMBULANCE EXHAUST DUCTWORK, CEILING REGISTERS, LOW EXHAUST DUCTS, AND LOW EXHAUST REGISTERS INSTALLED IN EXTERIOR AMBULANCE DOCK; UNDER BULLETIN NO. B023 OF CHARLES ST. PROJECT.
- 14 RETURN AIR REGISTERS OPEN TO VEST, B503 CEILING PLENUM FOR RETURN AIR TO DAC-1; (TYPICAL OF 3)
- 15 INSTALL DAC-1 ABOVE VEST, B503 CEILING AND PROVIDE VIBRATION ISOLATION HANGERS, ROD, AND STEEL UNISTRUT CHANNELS TO SUSPEND UNIT FROM STRUCTURE ABOVE. PROVIDE A NEAT CUT OF ATC CEILING, TRIM, AND CASSETT AROUND DAC-1 AIR SUPPLY OUTLET NOZZLE AT CEILING.

MARK	ISSUE DATE	DESCRIPTION
A1	01/10/08	ADDENDUM NO. 1
BID	12/14/07	BID SET

Issue Log



Key Plan

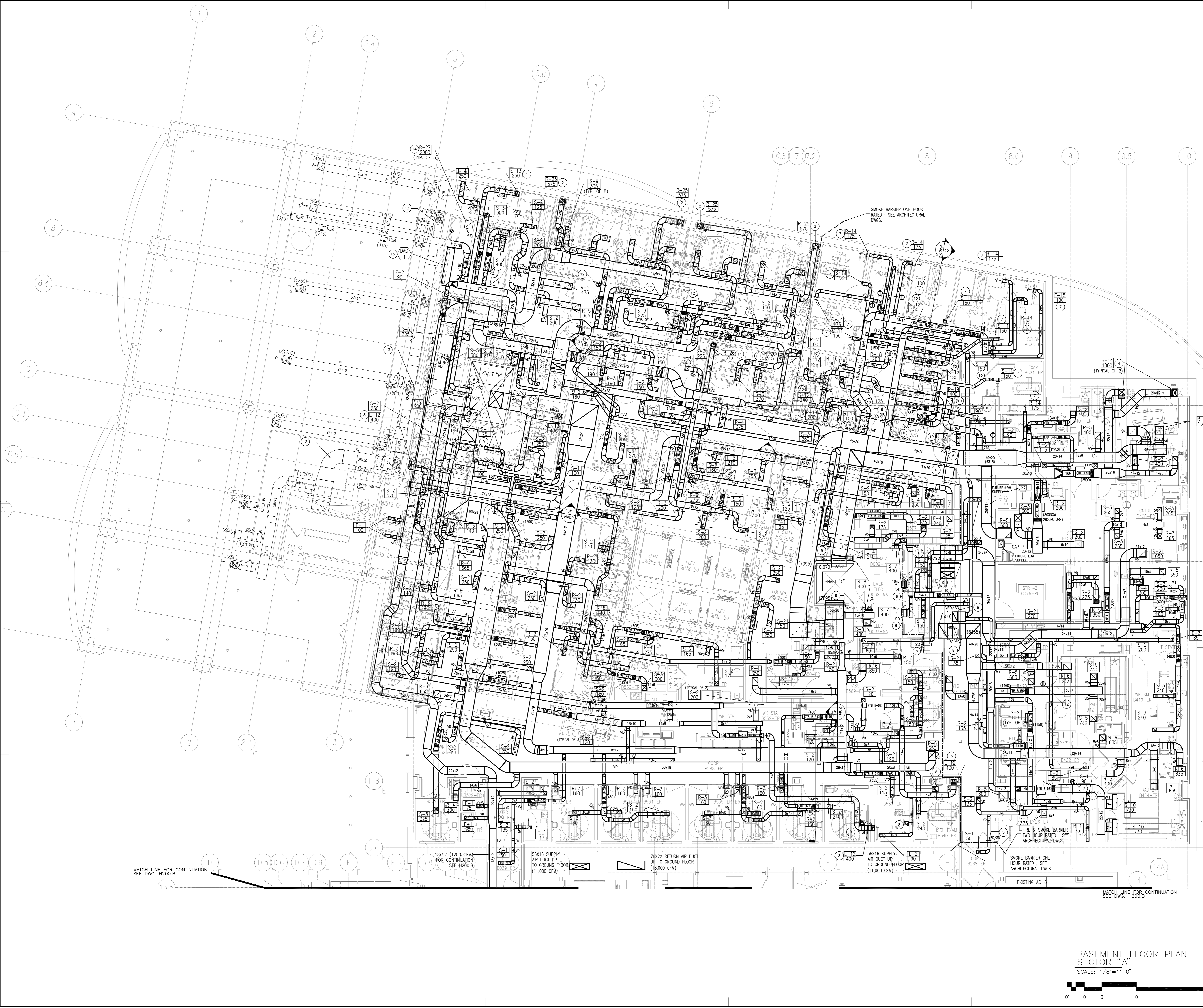
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 ED Expansion and Renovation
 Portland, Maine MMC Project No. 21843

Drawing Title
HVAC BASEMENT DUCTWORK PLAN-SECTOR "A"

Drawn By	DD	Commission No.	4696
Approved By	MJC	Date Issued	12/14/07

Phase / Package Number	Sheet Number
	H200.A



BASEMENT FLOOR PLAN
 SECTOR "A"
 SCALE: 1/8"=1'-0"

