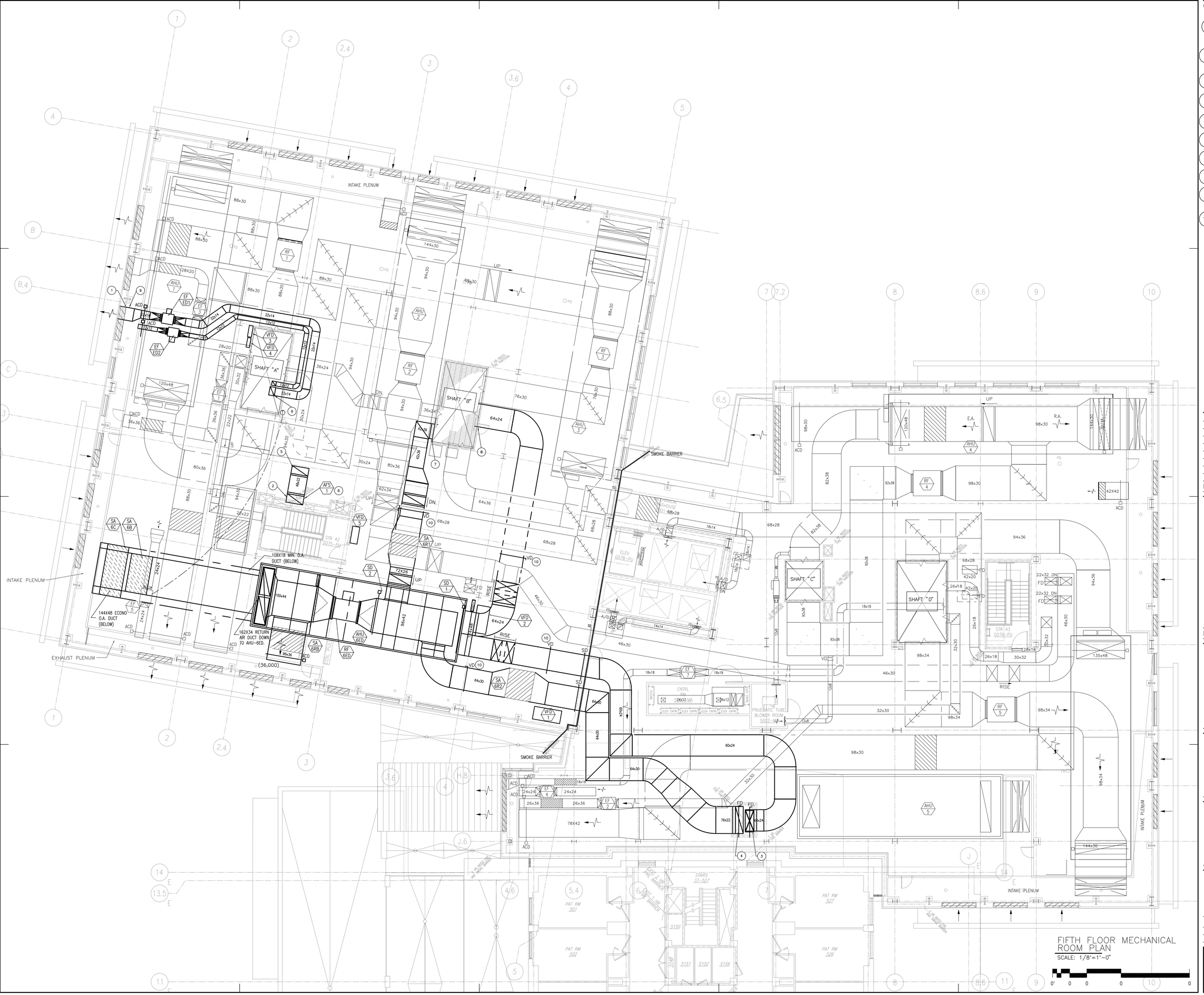
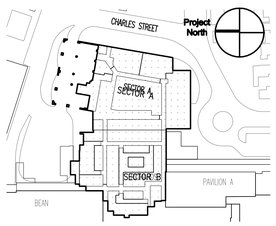


General Notes:

1. PROVIDE A LIQUID TIGHT SEALED SHEETMETAL PLENUM 28"W X 24"H X 20"DEEP AS HIGH AS REQUIRED TO DIRECTLY CONNECT 22X14 ISOLATION EXHAUST DUCT TO BACK OF EXHAUST LOUVER.
2. PROVIDE 48"X22"-EXTERIOR AMBULANCE/ EXTERIOR DECONTAMINATION EXHAUST DUCT DOWN TO BASEMENT. ENCLOSE 48"X22"-EXHAUST DUCT RISER IN BACK OF NORMAL ELECTRICAL ROOM WITH A TWO HOUR RATED SHAFT; SHAFT BY G.C.
3. 64"X24"-SUPPLY AIR DUCT RISER DOWN WITH FIRE DAMPER (FD) AT FLOOR PENETRATION AND INTO RATED SHAFT TO SERVICE BASEMENT E.D. SECTOR "B".
4. 76"X22"-RETURN AIR DUCT RISER DOWN WITH FIRE DAMPER AT FLOOR PENETRATION AND INTO RATED SHAFT TO NEW BASEMENT E.D. SECTOR "B" RICHARDS.
5. 48"X22"-AMBULANCE/EXTERIOR DECONTAMINATION EXHAUST DUCT UP AND THRU PENTHOUSE ROOF TO EF-ED3.
6. INSTALL INLINE DUCT MOUNTED AIR FLOW STATION AFS-2 IN VERTICAL RISER FOR EF-ED3.
7. 42X36 RETURN AIR DUCT RISER CONNECT TO 42X36 RISER AT SHAFT "B" TO SERVE BASEMENT E.D. SECTOR "A" CHARLES ST.
8. 64X24 SUPPLY AIR DUCT RISER CONNECT TO 64X24 RISER AT SHAFT "B" TO SERVE BASEMENT E.D. SECTOR "A" CHARLES ST.
9. ALL ISOLATION EXHAUST DUCTWORK SHALL BE FLANGED AND GASKETED CONSTRUCTION IN ADDITIONAL ON POSITIVE (DISCHARGE) SIDE OF EF-ED1 DUCTWORK SHALL BE LIQUID TIGHT SEALED ALONG WITH FLEXIBLE CONNECTION.
10. HIGH PERFORMANCE MULTI-BLADE OPPOSED BLADE DAMPER FOR BALANCING (2) SUPPLY AND (2) RETURN DUCTS AHU-6ED. EACH DAMPER (VD) SHALL SET LOCKED IN PLACE AND PERMANENTLY LABELED AIR FLOW DURNING FINAL TAB WORK TO THE CFM AIR FLOW AS REQUIRED TO MEET BASEMENT ED CFM.

MARK	ISSUE DATE	DESCRIPTION
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 FIFTH FLOOR MECHANICAL ROOM PLAN DUCTWORK

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

Phase / Package Number	Sheet Number
	H400

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