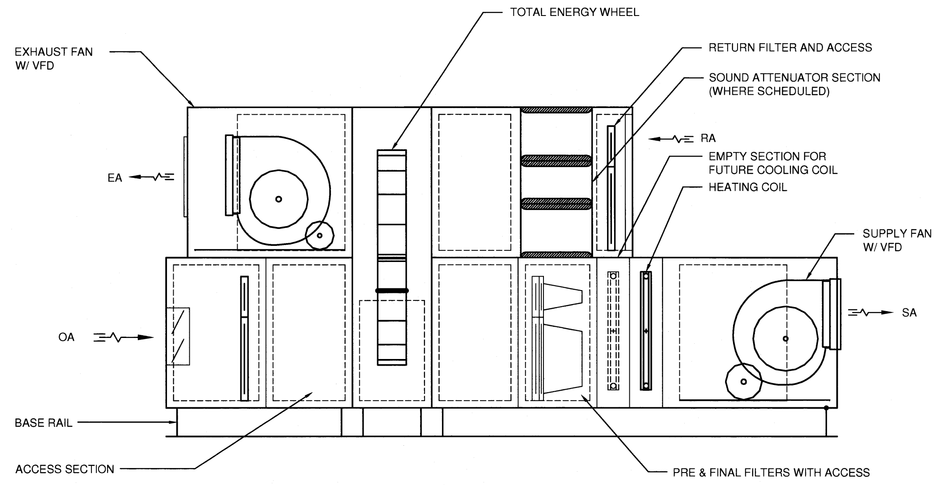
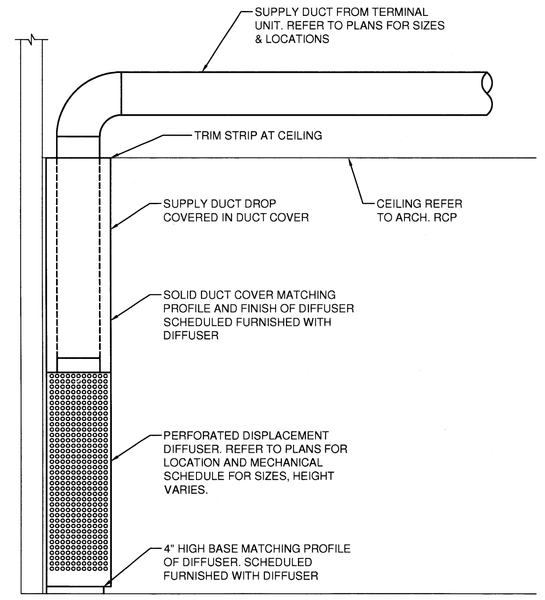
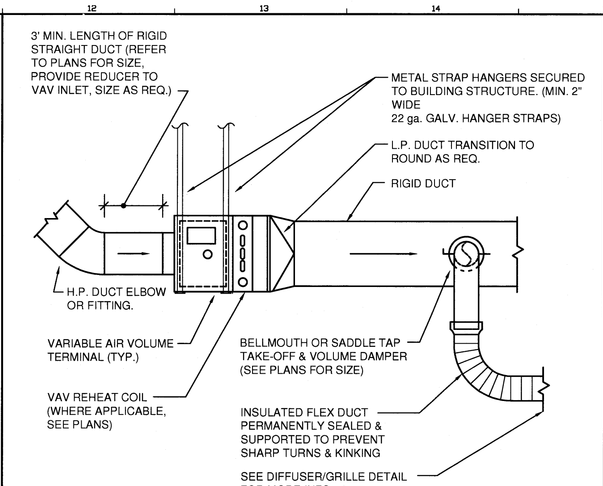


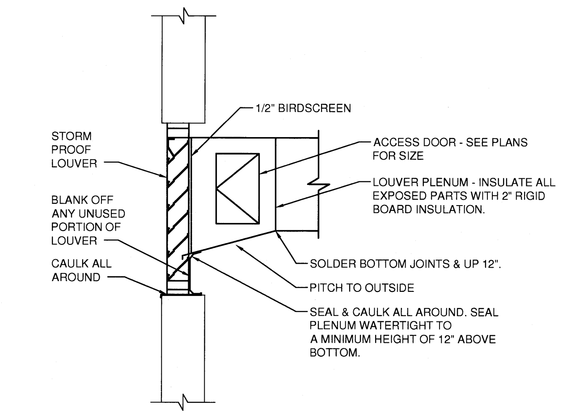
N1	AHU-3 CONFIGURATION
NTS	--



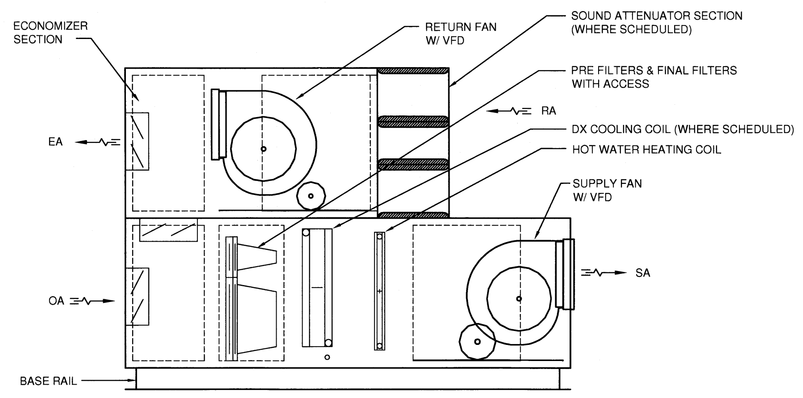
J8	DISPLACEMENT DIFFUSER
NTS	--



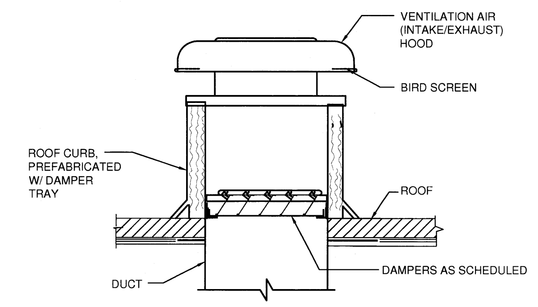
N12	VAV DETAIL
NTS	--



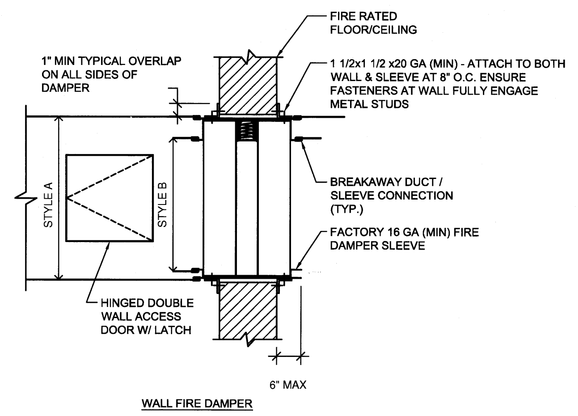
N15	LOUVER DETAIL
NTS	--



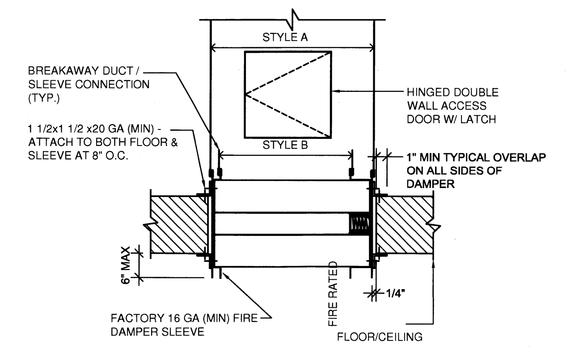
J1	AHU-1, 2 & 4
NTS	AHU-4 SHOWN; AHU-1 & 2 SIMILAR (CAFETERIA) & 4 (ADMIN)



J12	ROOF VENT HOOD DETAIL
NTS	--



WALL FIRE DAMPER

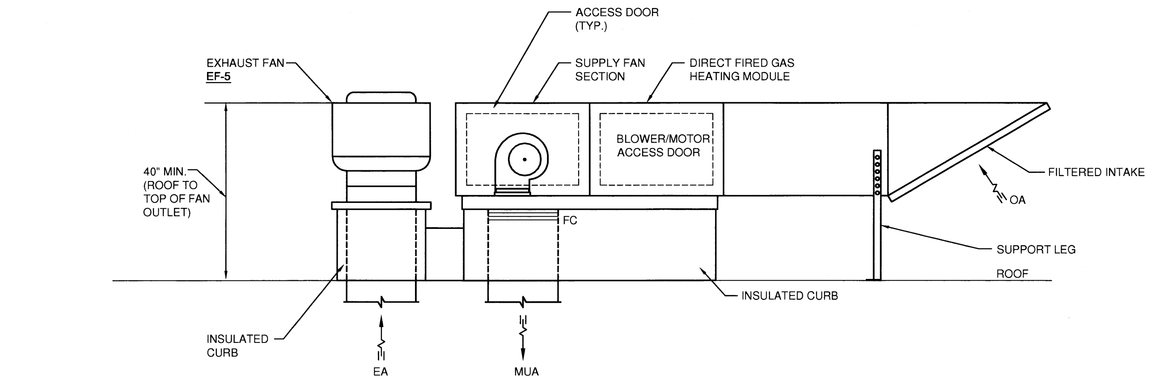


FLOOR/CEILING FIRE DAMPER

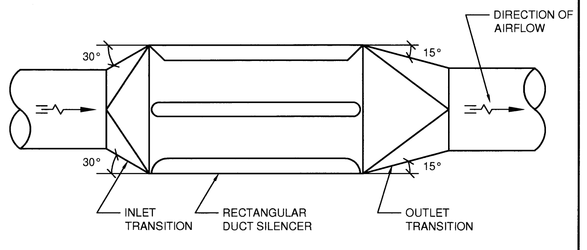
FIRE DAMPER NOTES:

1. MAKE OPENING 1/8" PER FOOT LARGER THAN DAMPER DIMENSIONS WITH 1/4" MIN. REQD.
2. DAMPER CONSTRUCTED AND TEST PER UL 555, UL LABELED, 1-1/2 HOUR FIRE RATING W/ 165 DEG. F FUSIBLE LINK
3. SEAL BETWEEN WALL AND SLEEVE W/ APPROVED FIRE STOP MATERIAL
4. REFER TO FIRE DAMPER INSTALLATION INSTRUCTION FOR SPECIFIC INSTALLATION REQUIRMENTS
5. FIRE DAMPERS SHALL BE TYPE "B" W/ CURTAIN OUT OF AIRSTREAM UNLESS OTHERWISE NOTED
6. TEST & INSPECT FIRE DAMPER FOR PROPER OPERATION & RESTORE AFTER TESTING.
7. PROVIDE DUCT ACCESS DOOR AT FIRE DAMPER

E15	FIRE DAMPER DETAILS
NTS	--



E1	EF-5, MAU-1 CONFIGURATION
NTS	--

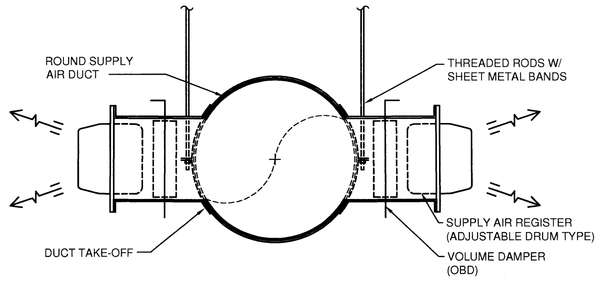


DUCT SILENCER NOTES:

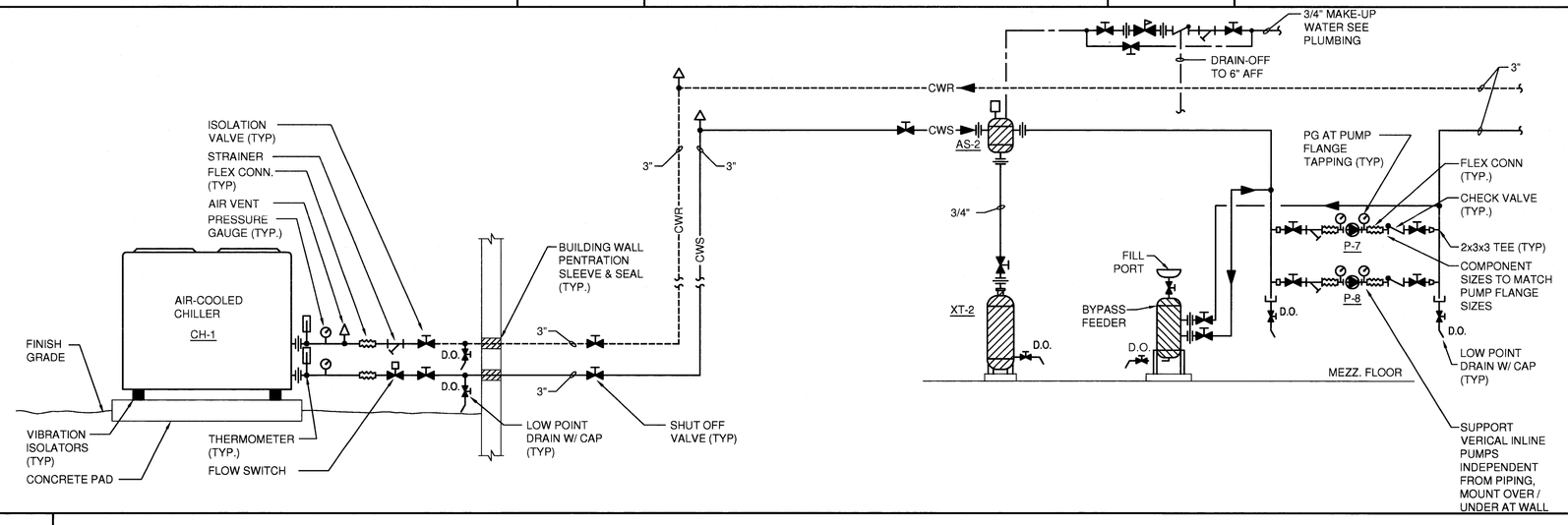
1. REFER TO DUCTWORK PLANS FOR INLET AND OUTLET DUCT SIZES.
2. REFER TO DUCT SILENCER SCHEDULE FOR SIZES, CONFIGURATION, LOCATION AND PERFORMANCE.

E8	DUCT SILENCER DETAIL
NTS	--

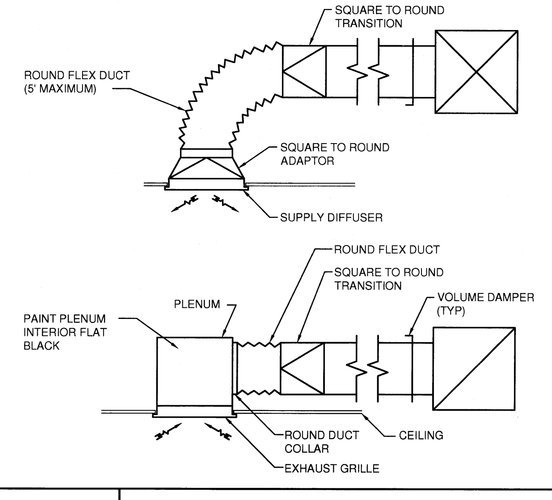
E12	NOT USED
NTS	--



A1	GYM SUPPLY DUCT DIFFUSER
NTS	--



A5	CHILLED WATER PIPING SCHEMATIC
NTS	--



A15	DIFFUSER & GRILLE DETAILS
NTS	--

REV.	DESCRIPTION	DATE
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0	-----	00.00.00

PERMIT APPLICATION SUBMISSION 3-18-09

CURRENT ISSUE STATUS:

STATE OF MAINE DANIEL C. MONDO No. 9977 LICENSED PROFESSIONAL ENGINEER

WBRC ARCHITECTS • ENGINEERS
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PORTLAND, MAINE 207-828-4511
SARASOTA, FLORIDA 941-556-0757

OCEAN AVENUE ELEMENTARY SCHOOL
PORTLAND, ME
PROJECT:

MECHANICAL DETAILS
SHEET TITLE:

WBRC CAD FILE:	331610-M-502
PROJECT No.	331610
SCALE:	AS NOTED
PROJECT MANAGER:	MEJ
DRAWN BY:	CGB
CHECKED BY:	DMON
GRAPHIC SCALE:	0" 1"
SHEET No.	M-502

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3/18/2009 9:41 AM L:\331610-34003\331610 OCEAN AVE. ELEMENTARY SCHOOL - SD TO CAD\M6\OCEAN AVENUE ELEMENTARY SCHOOL\OCEAN AVENUE ELEMENTARY SCHOOL\SHEETS\331610-M-502 MECHANICAL DETAILS.DWG COURTNEY.BUNKER