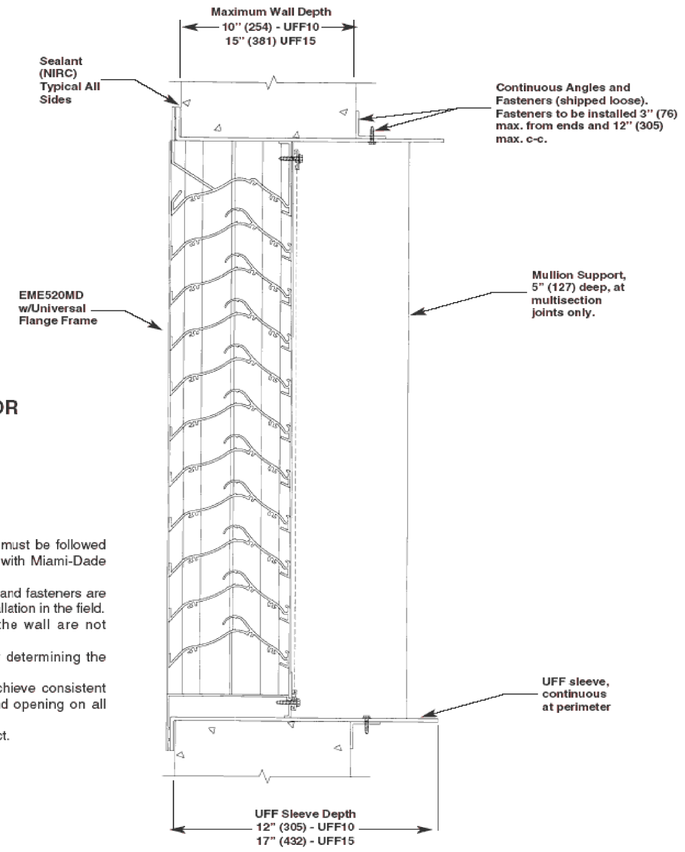
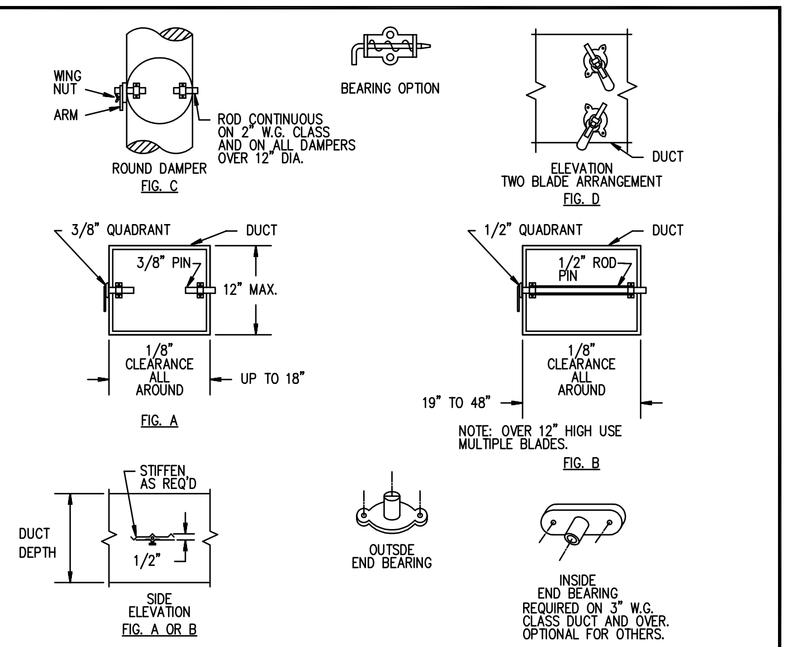
EME520MD LOUVER W/UNIVERSAL FLANGE FRAME INSTALLATION DETAIL
VERTICAL SECTION – JAMB SIMILAR

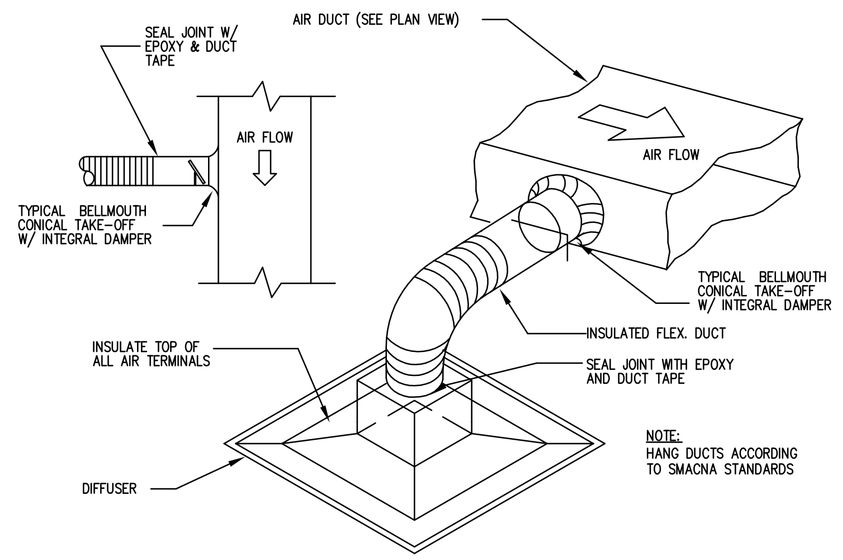


Notes:
1. The installation shown herein must be followed strictly to ensure compliance with Miami-Dade NOA.
2. Continuous installation angles and fasteners are shipped loose and require installation in the field.
3. Anchors or fasteners into the wall are not required.
4. Ruskin is not responsible for determining the suitability of the structure.
5. Shims may be required to achieve consistent clearance between louver and opening on all sides (shims not included).
6. NIRC – Not in Ruskin's Contract.

LOUVER INSTALLATION DETAIL (RUSKIN EME520MD)
N.T.S.

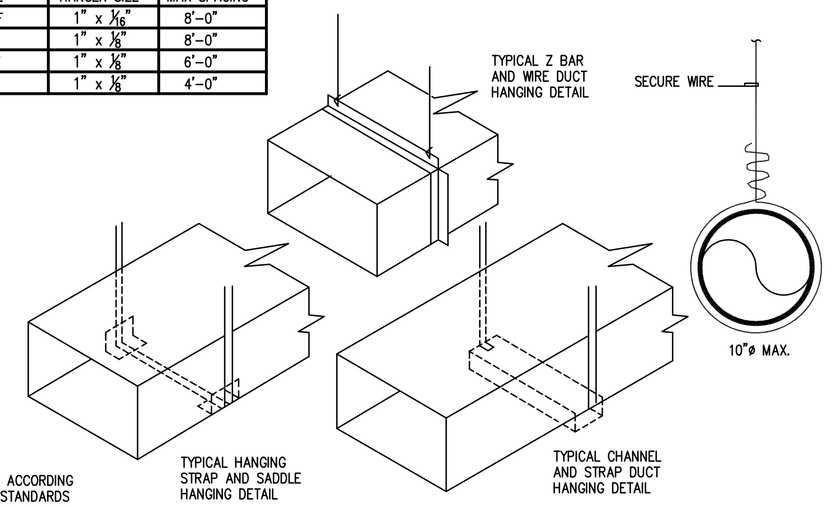


VOLUME DAMPER
N.T.S.

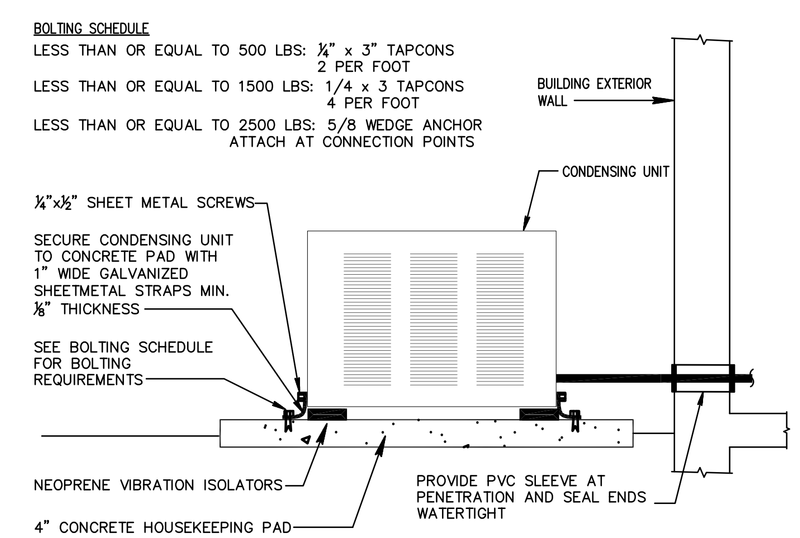


FLEXIBLE DUCT CONNECTION DETAIL
N.T.S.

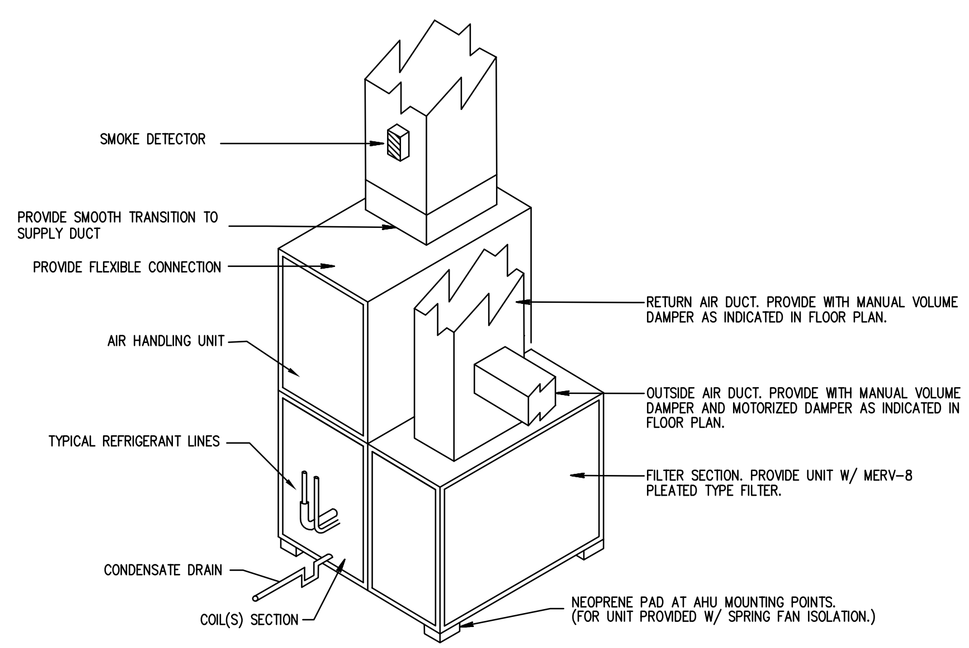
22 GA HANGER STRAPS		
DUCT SIZE	HANGER SIZE	MAX SPACING
UP THRU 2 SF	1" x 1/16"	8'-0"
2 THRU 4 SF	1" x 1/8"	8'-0"
4 THRU 10 SF	1" x 1/8"	6'-0"
OVER 10 SF	1" x 1/8"	4'-0"



METHODS OF HANGING DUCTS DETAIL
N.T.S.

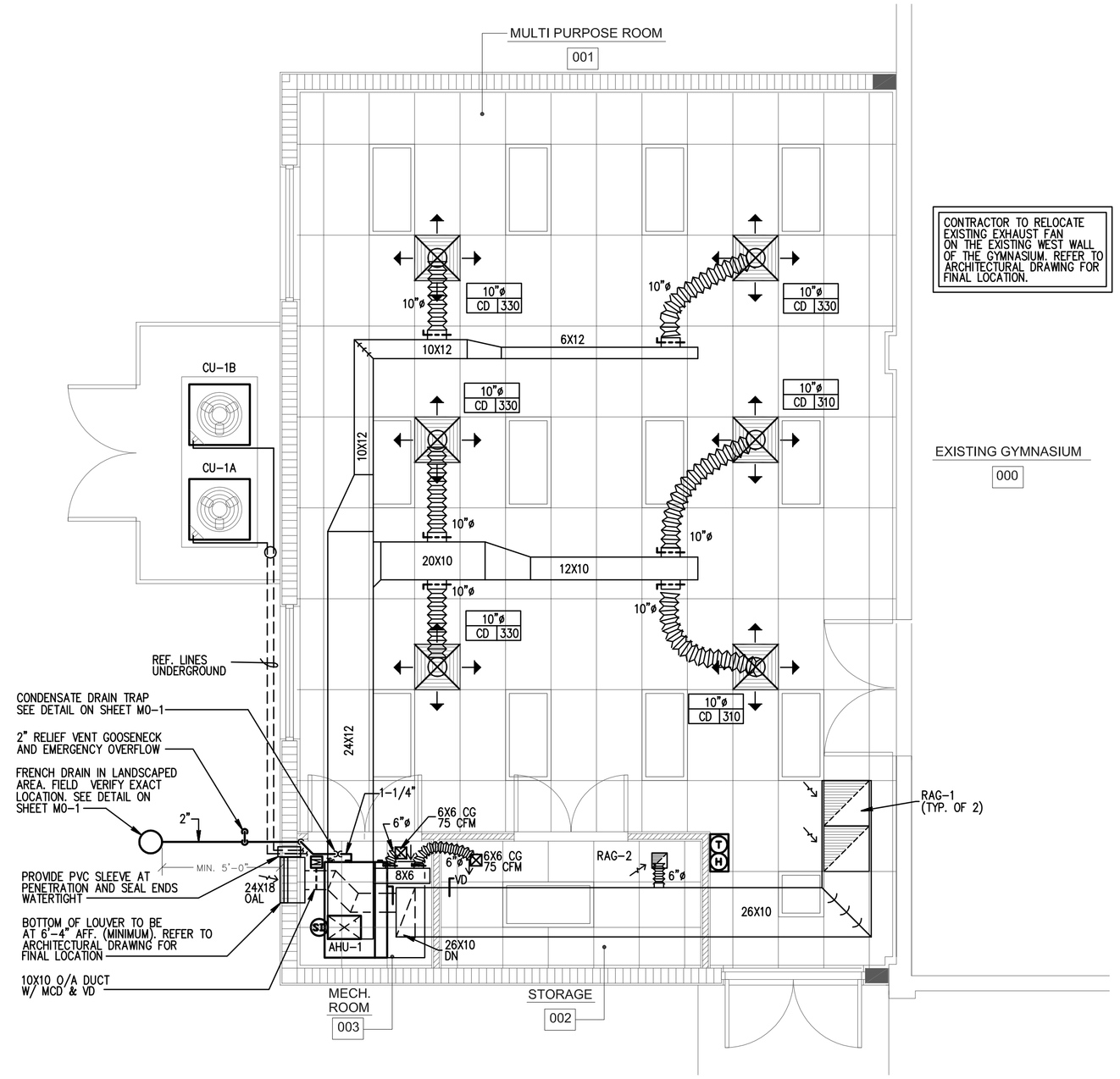


CONDENSING UNIT INSTALLATION DETAIL
N.T.S.



NOTES:
1. PROVIDE A WATER LEVEL DETECTION DEVICE CONNECTED TO THE DRAIN PAN PROVIDED WITH THE EQUIPMENT. SUCH WATER LEVEL DETECTION DEVICE WILL SHUT OFF THE EQUIPMENT SERVED PRIOR TO OVERFLOW OF THE PAN. POINT OF CONNECTION SHALL BE AT A HIGHER LEVEL THAN THE PRIMARY DRAIN CONNECTION.

AHU INSTALLATION DETAIL
N.T.S.

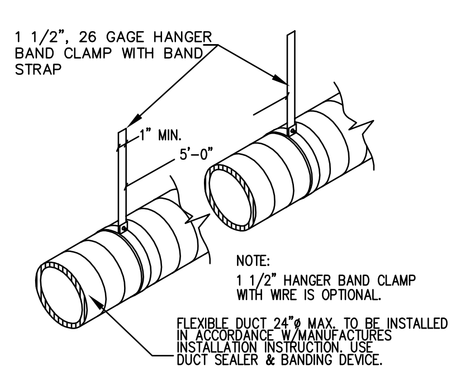


1 MECHANICAL PLAN
SCALE:1/4"=1'-0"

LEGEND AND SYMBOLS

T	THERMOSTAT WITH SUBBASE	SD	SMOKE DETECTOR
S	REMOTE TEMPERATURE SENSOR		SPIN-IN TAKE-OFF W/ VOLUME DAMPER
H	HUMIDISTAT	VD	MANUAL VOLUME DAMPER
	SUPPLY AIR (DIRECTION OF THROW)	BDD	BACKDRAFT DAMPER
	RETURN AIR	MCD	MOTOR CONTROLLED DAMPER
	S/A DIFFUSER	AHU	AIR HANDLING UNIT
	R/A GRILLE	CU	CONDENSING UNIT
	FLEXIBLE DUCT	OBD	OPPOSED BLADE DAMPER
12" Ø	NECK SIZE	CG	CEILING GRILLE
CD-1400	DESIGN CFM (WHERE APPLICABLE)	CD	CEILING DIFFUSER
	DIFFUSER TYPE, REF. SCHEDULE	AFF	ABOVE FINISHED FLOOR
		BFC	BELOW FINISHED CEILING
		UD	UNDERCUT DOOR
		RAG	RETURN AIR GRILLE
		EF	EXHAUST FAN
		FD	FIRE DAMPER
		FBC	FLORIDA BUILDING CODE

NOTE: HVAC LEGEND IS PROVIDED AS A GENERAL REFERENCE. SOME SYMBOLS SHOWN MAY NOT PERTAIN TO THIS PROJECT.



FLEXIBLE DUCT SUPPORT
N.T.S.

NOTE:
DRAWINGS/DETAILS ARE TO BE CONSIDERED DIAGRAMMATIC, NOT NECESSARILY SHOWING IN DETAIL OR TO SCALE ALL MINOR ITEMS. UNLESS SPECIFIC DIMENSIONS ARE SHOWN, THE STRUCTURAL, ARCHITECTURAL AND SITE CONDITIONS SHALL GOVERN EXACT LOCATIONS. CONTRACTOR SHALL FOLLOW DRAWINGS IN LAYING OUT WORK, AND CHECK/COORDINATE DRAWINGS OF ALL TRADES

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FLORIDA LICENSE #60789
DATE: 07/06/2011
PJT. MGR: MARTA E. VILLAZON
PROJECT #: 110401

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John W. Szerdi, Architect, AIA #AR7991
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WIMBLEY GYMNASIUM EXPANSION
1515 WINGFIELD STREET
LAKE WORTH, FLORIDA

Revisions

Date:	No:

Scale: AS SHOWN

Project Number:
Drawn by: JP
Date: .

Sheet:
M1-0