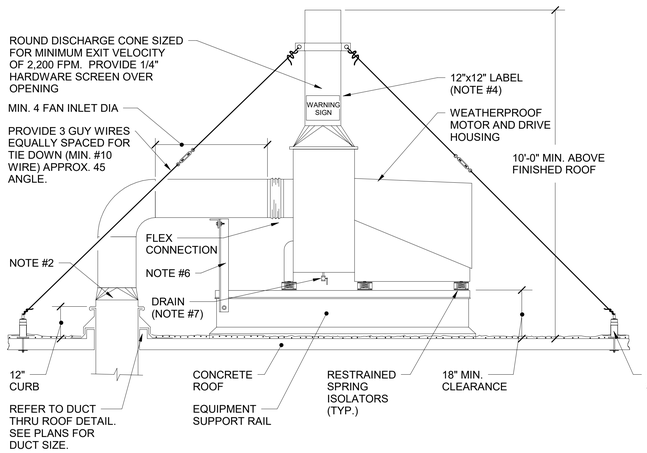
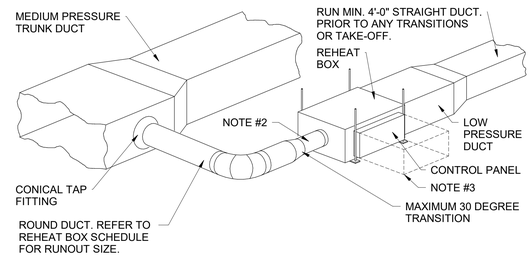


NOTES :

1. PROVIDE MEANS TO LUBRICATE BEARINGS EITHER BY ACCESS PANEL OR EXTERIOR MOUNTED GREASE FITTING.
2. TRANSTITION FROM SQUARE TO ROUND FAN INLET SIZE.
3. FAN TO BE SECURED WITH GUY WIRES AND HOLD DOWN STRAPS SIMILAR TO ROOFTOP UNIT DETAIL ON THIS SHEET.
4. PROVIDE TWO SIGNS, ONE ON EACH SIDE OF FAN ON WHITE BACKGROUND WITH RED LETTERING TO READ "WARNING: PATIENT ISOLATION ROOM EXHAUST FAN. TAKE PROPER PRECAUTIONS PRIOR TO WORKING IN THIS AREA." MOUNT 5'-0" ABOVE FINISHED ROOF.
5. SECURE FAN TO ISOLATORS AND ISOLATORS TO SUPPORT CURB RAME BY BOLTING OR FIELD WELD.
6. EXTEND EQUIPMENT CURB A SUFFICIENT LENGTH TO INSTALL 2"x2" ANGLE IRON DUCT SUPPORT TO INSURE STRAIGHT ALLIGNMENT OF DUCT AND FAN INLET. SEE "DUCT SUPPORT ON ROOF" DETAIL.
7. PROVIDE BALL VALVE ON DRAIN OUTLET TO PREVENT CONTAMINATED AIR FROM BLOWING TO ROOF AREA.

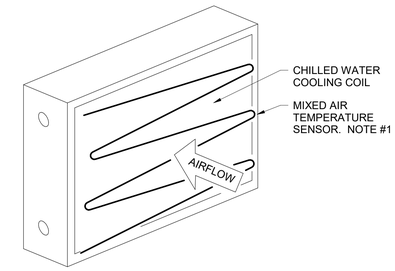
HIGH WIND ISOLATION ROOM EXHAUST FAN DETAIL | 1
No Scale



NOTES

1. BOXES 1,400 CFM OR LESS TO BE SUPPORTED WITH 1/2"x1/2"x1" GALANIVED BAND IRON ON FOUR CORNERS BOXES GREATER THAN 1,400 CFM SHALL HAVE TRAPEZE SUPPORT OF REINFORCING ANGLE WITH 3/8" GALVANIZED ALL THREAD ROD HANGERS.
2. PROVIDE A MINIMUM LENGTH OF 2 INLET DIAMETER OF STRAIGHT RIGID SHEETMETAL FROM THE DUCT TRANSITION PIECE TO THE VAV BOX INLET.
3. BOXES WITH ELECTRICAL REHEAT COILS TO HAVE 3'-6" MINIMUM WORKING CLEARANCE ON TERMINAL BOX SIDE.

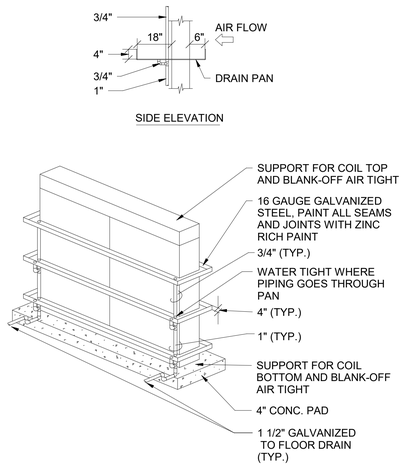
VARIABLE VOLUME BOX CONNECTION DETAIL | 2
No Scale



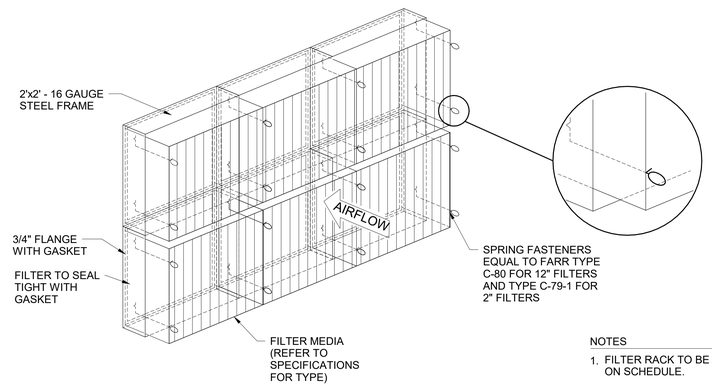
NOTES

1. PROVIDE MINIMUM 1 LINEAR FOOT OF TEMPERATURE SENSOR PER SQUARE FOOT OF COIL.
2. TEMPERATURE SENSOR TO BE MOUNTED A MIN. OF 2" FROM COOLING COIL W/ PLASTIC HOLD-OFF STANDS

TEMPERATURE SENSOR MOUNTING DETAIL | 3
No Scale



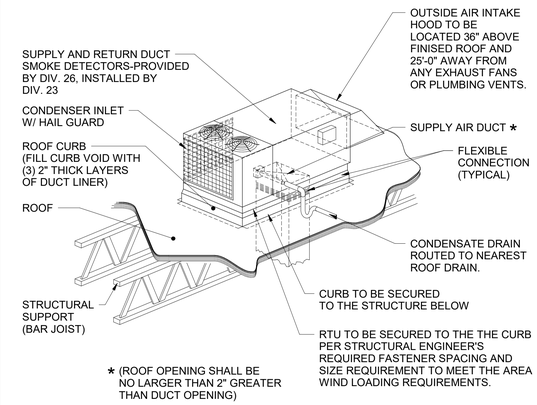
WATER COIL DRAIN PAN DETAIL | 4
No Scale



NOTES

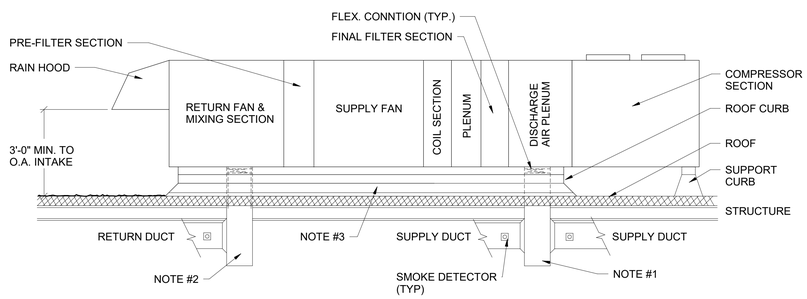
1. FILTER RACK TO BE BUILT TO MATCH FILTER SIZE INDICATED ON SCHEDULE.
2. RACK TO BE EQUAL TO CAMFIL FARR "TYPE 8" FRAME. INSTALL SO THAT FILTERS ARE REMOVED FROM THE DIRTY SIDE.
3. INSTALL VERTICAL OR HORIZONTAL SUPPORT STEEL ON BANKS GREATER THAN 4 RACKS HIGH OR 4 RACKS WIDE. REFER TO MANUFACTURER'S INSTRUCTIONS FOR ADDITIONAL REQUIREMENTS.

FRONT LOADING FILTER RACK DETAIL | 5
No Scale



NOTE:
CONTRACTOR TO PROVIDE DOCUMENTATION FROM A STRUCTURAL ENGINEER REGISTERED IN THE STATE OF FLORIDA TO INDICATE EXACT SECURMENT PROCEDURES FOR ROOFTOP MOUNTED EQUIPMENT INSTALLATION BASED ON THE AREA WIND LOADING CRITERIA.

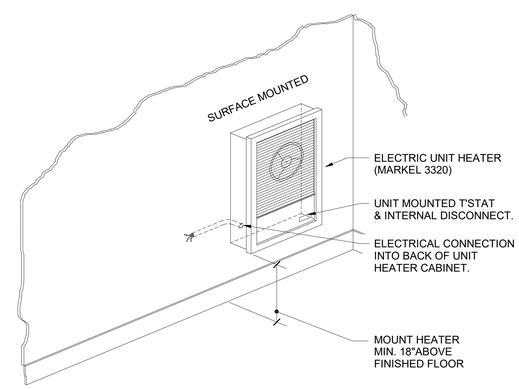
MAU - HIGH WIND | 6
No Scale



NOTES:

1. PROVIDE CONNECTION SIZE PLENUM. PLENUM TO BE CONSTRUCTED OF 18 GAUGE SHEET METAL WITH REINFORCING. EXTERNALLY INSULATE WITH 1 LAYER OF 1" THICK KINETICS TYPE "PC-410 GBD" SOUND BARRIER WRAP.
2. PROVIDE CONNECTION SIZE PLENUM. PLENUM TO BE CONSTRUCTED OF 18 GAUGE SHEET METAL WITH REINFORCING.
3. PROVIDE LIGHTWEIGHT CONCRETE FILL (MIN. 2" DEPTH) INSIDE CURB.

ROOFTOP UNIT DETAIL | 7
No Scale



ELECTRIC UNIT HEATER MOUNTING DETAIL | 8
No Scale

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FIRM CERTIFICATE OF AUTHORIZATION: CA-1276

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2851 HWY 77
PANAMA CITY, FLORIDA 32405
PROJECT: H002125

Δ	DATE	DESCRIPTION

NOT FOR CONSTRUCTION

ORIG SUBMISSION: 02/13/26
CURRENT:

SHEET TITLE AND NUMBER:

M4.03

MECHANICAL - DETAILS

THE LINE SHOWN ABOVE IS EXACTLY ONE INCH LONG AT 22" X 34" SHEETS