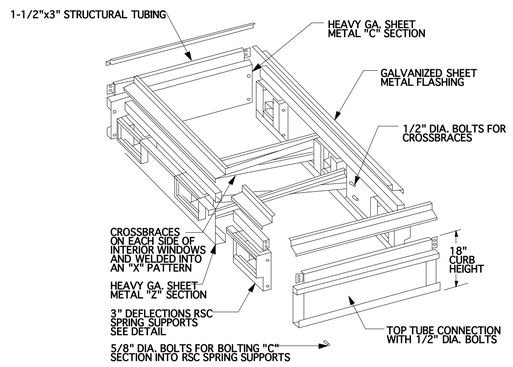
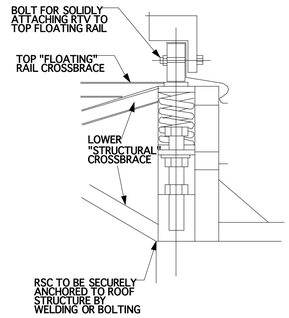


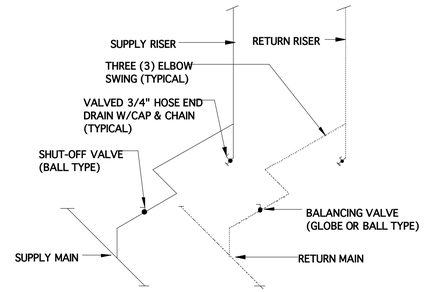
1 SEISMIC ROOF CURB DETAIL

NOT TO SCALE



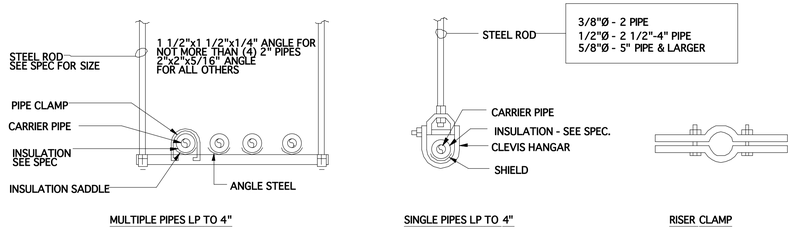
2 SPRING SUPPORT DETAIL

NOT TO SCALE



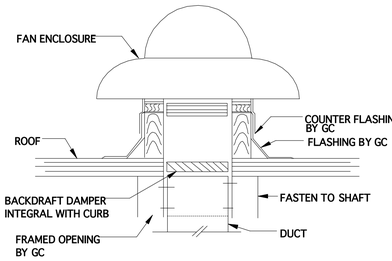
3 TYPICAL RISER CONNECTION DETAIL

NOT TO SCALE



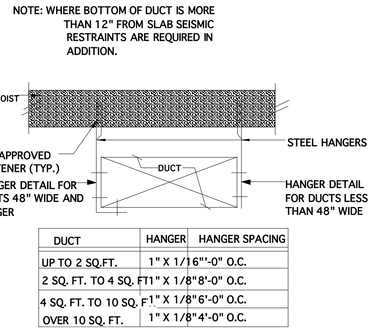
4 TYPICAL PIPE HANGER AND SUPPORT DETAILS

NOT TO SCALE



5 ROOF FAN INSTALLATION DETAIL

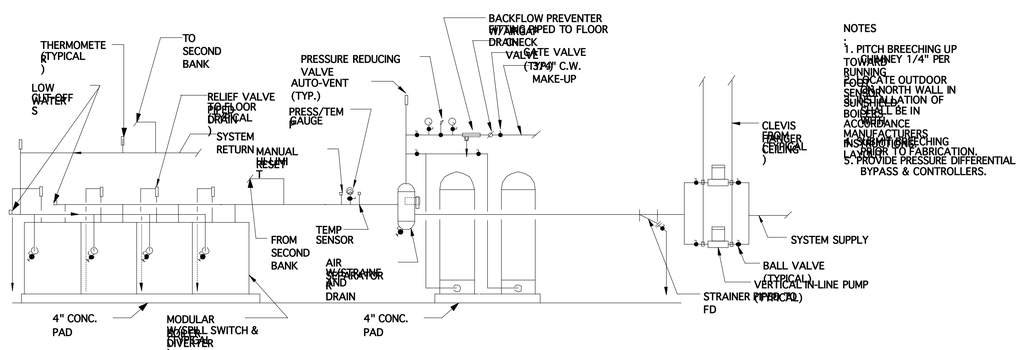
NOT TO SCALE



DUCT	HANGER	HANGER SPACING
UP TO 2 SQ.FT.	1" X 1/16"	9'-0" O.C.
2 SQ. FT. TO 4 SQ. FT.	1" X 1/8"	8'-0" O.C.
4 SQ. FT. TO 10 SQ. FT.	1" X 1/8"	6'-0" O.C.
OVER 10 SQ. FT.	1" X 1/8"	4'-0" O.C.

6 DUCT HANGING DETAIL

NOT TO SCALE



NOTES

1. PITCH BREECHING UP TOWARD CHIMNEY 1/4" PER FOOT.
2. LOCATE OUTDOOR SENSOR ON NORTH WALL IN SUNSHIELD. LOCATION OF BOILER TO BE IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS.
3. VERIFY BREECHING LAYOUT PRIOR TO FABRICATION.
4. PROVIDE PRESSURE DIFFERENTIAL BYPASS & CONTROLLERS.

7 BOILER PIPING SCHEMATIC

NOT TO SCALE

BUILDING DEPARTMENT NOTES

1. FORM TR-1 SHALL BE FILED AS PER 27-187. FORM TR-1 SHALL BE COMPLETED AT THE COMPLETION OF THE INSTALLATION BY AN ENGINEER RETAINED BY THE HVAC CONTRACTOR.

2. A TEST WILL BE CONDUCTED TO SHOW COMPLIANCE WITH BUILDING DEPARTMENT CODE REQUIREMENTS 27-132 & 27-136 OF THE ADMINISTRATIVE CODE BY THE HVAC CONTRACTOR.

3. EQUIPMENT USE PERMITS SHALL BE SECURED FOR THE AIR CONDITIONING SYSTEMS BY THE HVAC CONTRACTOR.

ABRAHAM JOSELOW P.C.
- *mechanical engineers*-
45 WEST 34TH STREET SUITE 1101
NEW YORK, NEW YORK 10001

KEY:

ABBREVIATIONS

AH - AIR HANDLING UNIT
AD - ACCESS DOOR
CR - CEILING REGISTER
CU - CONDENSING UNIT
CD - CEILING DIFFUSER
FC - FLEXIBLE CONNECTION
FD - FIRE DAMPER
FIN T. - FIN TUBE
GEF - GARAGE EXHAUST FAN
HVAC - HEATING & VENTILATING A/C
KEF - KITCHEN EXHAUST FAN
MD - MOTORIZED DAMPER
NK - NECK
RG - RETURN GRILLE
RR - RETURN REGISTER
TEF - TOILET EXHAUST FAN
VD - VOLUME DAMPER

SYMBOL LIST

AxB - DUCTWORK (NET SIZE)
AxB - ACOUSTIC LINED DUCTWORK (NET SIZE)
- REFRIGERANT PIPING
- CEILING DIFFUSER
- REGISTER, GRILLE
(T) - THERMOSTAT
(S) - SMOKE DETECTOR
- MOTORIZED DAMPER

D O B # 2 0 0 4 3 5 1 9 0
HUD#012-EE166 / NY36-S951-021

MICHAEL AVRAMIDES
C A S E L L A P L A Z A
961 EAST 180 STREET
B R O N X , N E W Y O R K
A Q U I N A S H O U S I N G C O R P .
9 7 5 E A S T T R E M O N T A V .
B R O N X , N E W Y O R K 1 0 4 6 0
MS. MEAGHAN SHANNON, EX. DIR.

MECHANICAL DETAILS

SCALE: AS NOTED
M 6
DATE: 29 DEC '97

319 E. 50th ST
N Y C 1 0 0 2 2
212-755-5111
ARCHITECT