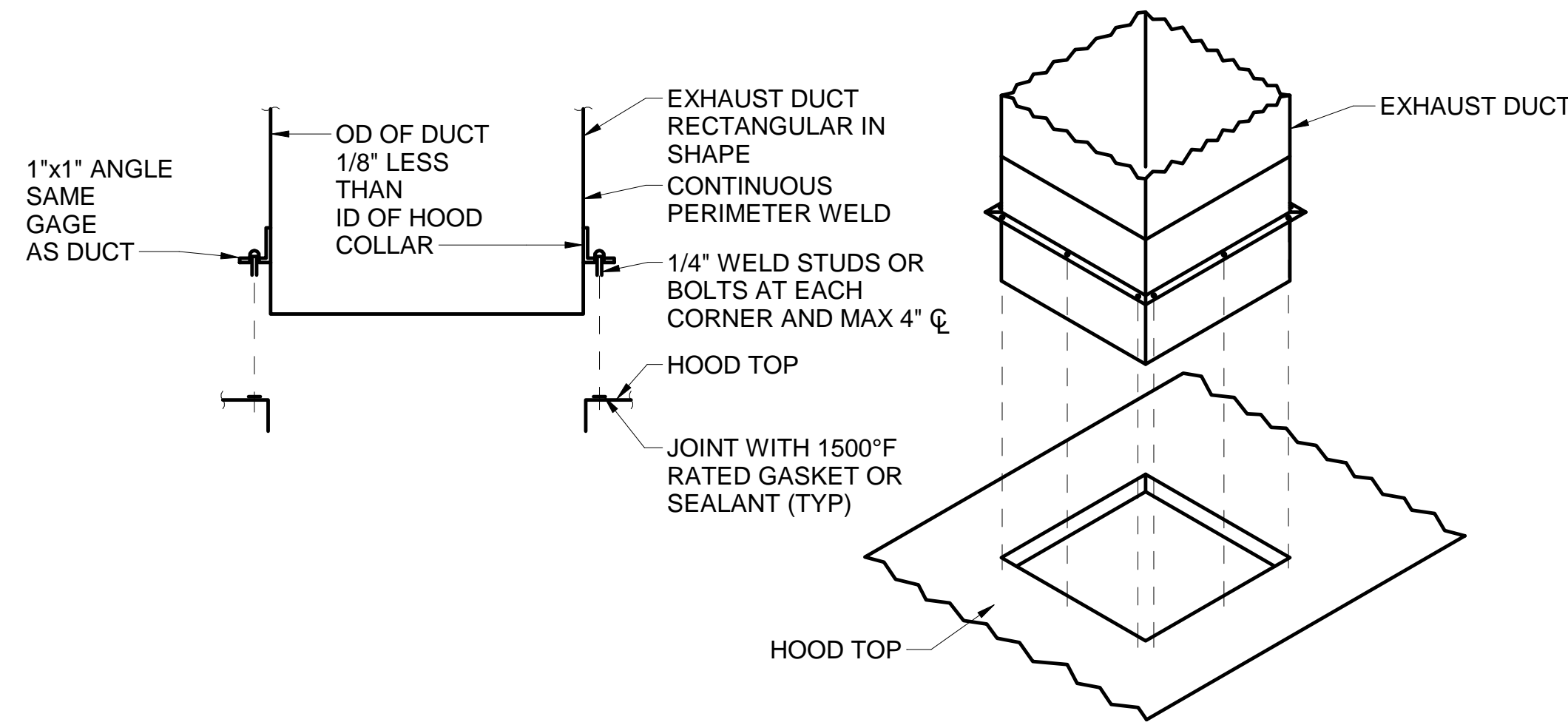
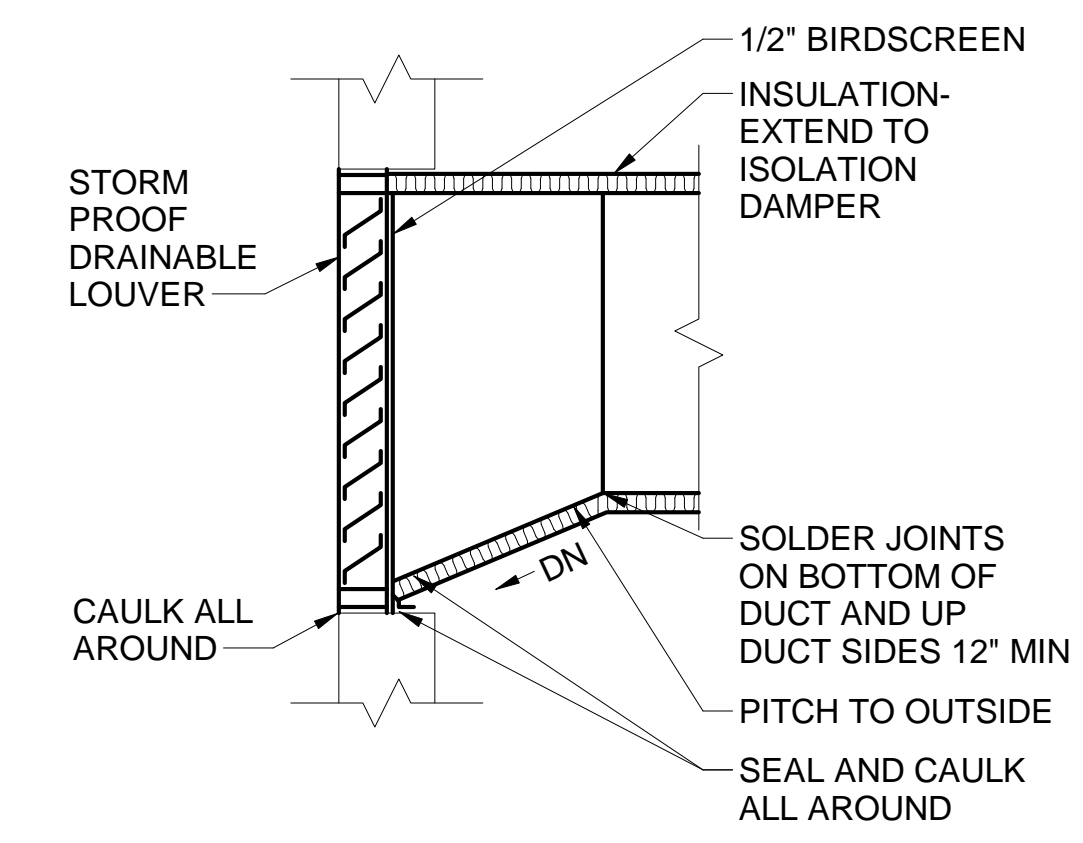


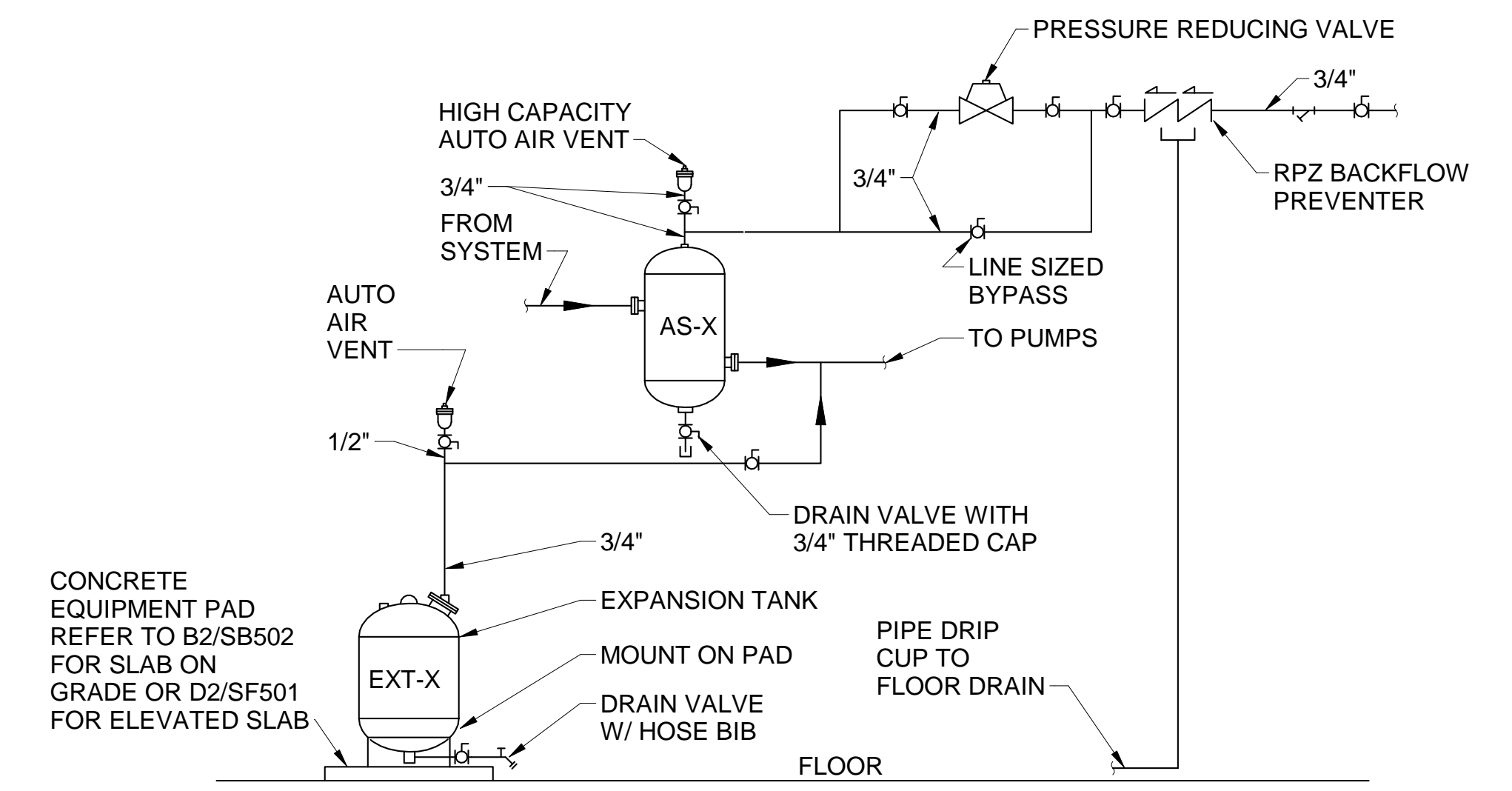
1 GOOSENECK DETAIL
M-502/ SCALE: N.T.S.



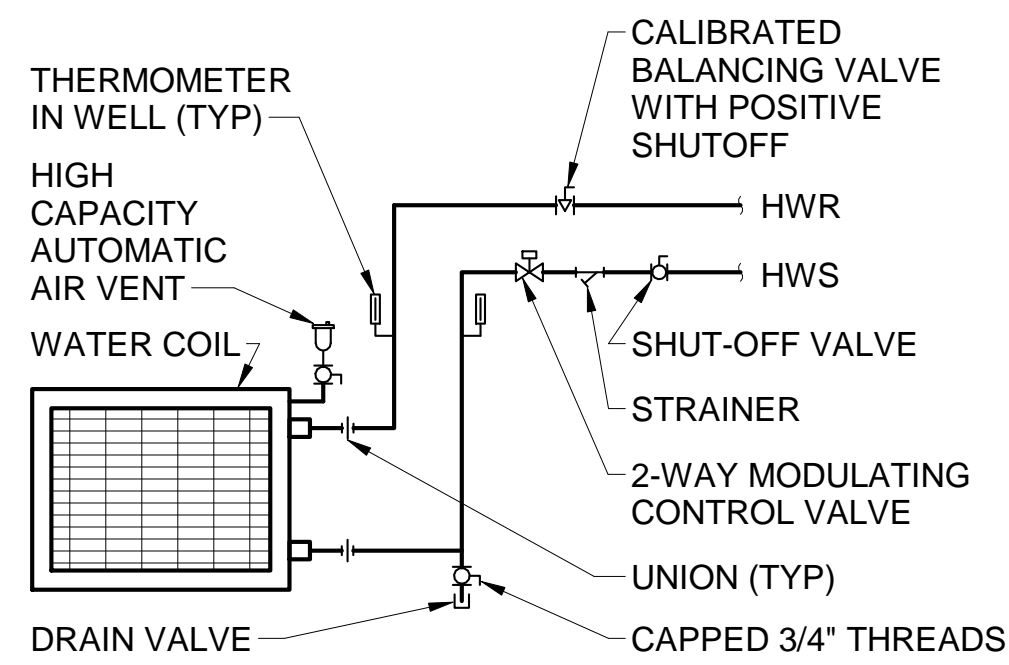
2 KITCHEN HOOD DUCT CONNECTION
M-502/ SCALE: N.T.S.



3 LOUVER CONNECTION DETAIL
M-502/ SCALE: N.T.S.

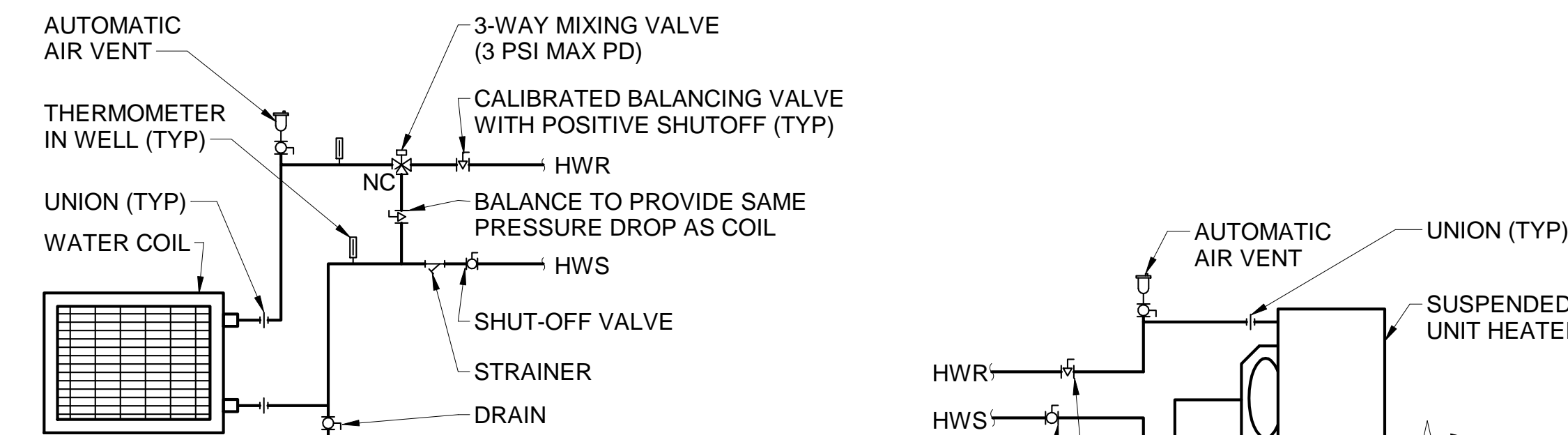


4 AIR CONTROL PIPING DIAGRAM
M-502/ SCALE: N.T.S.



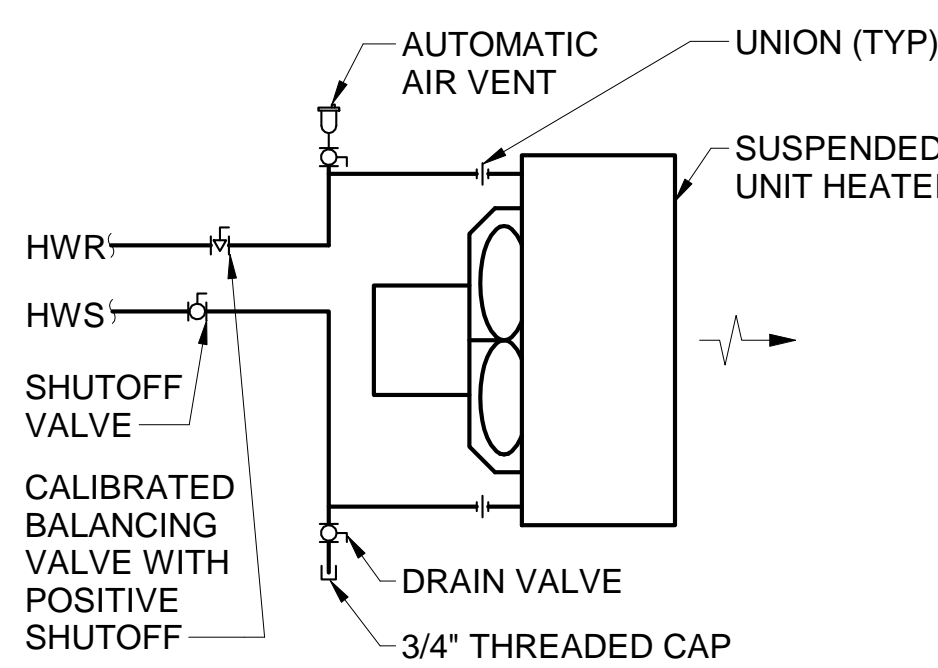
- NOTES**
1. VALVES SHALL BE SAME SIZE AS PIPE.
 2. SHUT-OFF VALVES MAY BE BALL OR BUTTERFLY. REFER TO SPECIFICATIONS FOR VALVE TYPE AND SIZE RESTRICTIONS.
 3. PROVIDE UNIONS AND/OR FLANGES AS REQUIRED FOR FIT-UP AND REMOVAL OF COIL.

5 AHU-1,2,3,4,5,6 HEATING COIL PIPING SCHEMATIC
M-502/ SCALE: N.T.S.

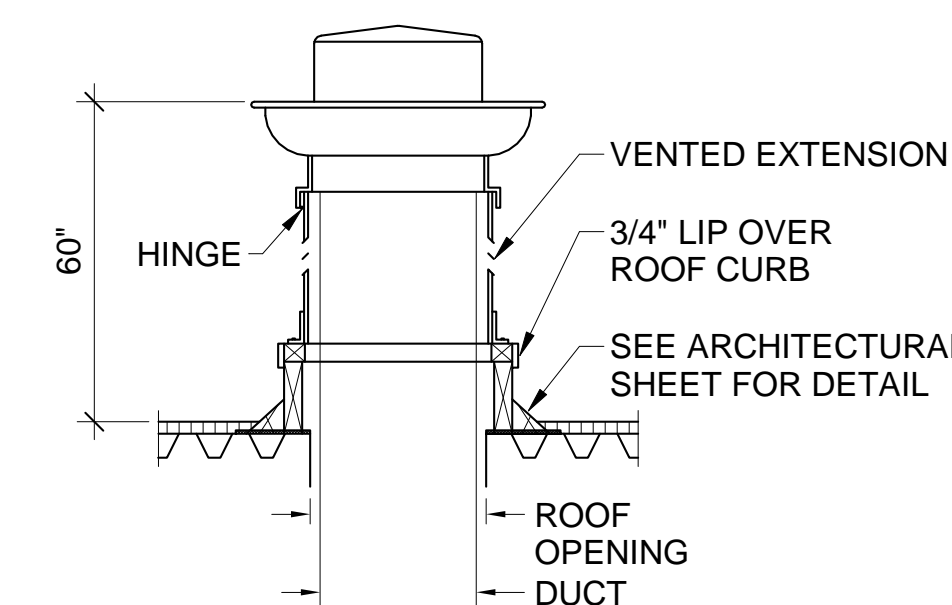


- NOTES**
1. VALVES SHALL BE SAME SIZE AS PIPE.
 2. SHUT-OFF VALVES MAY BE BALL OR BUTTERFLY. REFER TO SPECIFICATIONS FOR VALVE TYPE AND SIZE RESTRICTIONS.
 3. PROVIDE UNIONS AND/OR FLANGES AS REQUIRED FOR FIT-UP AND REMOVAL OF COIL.

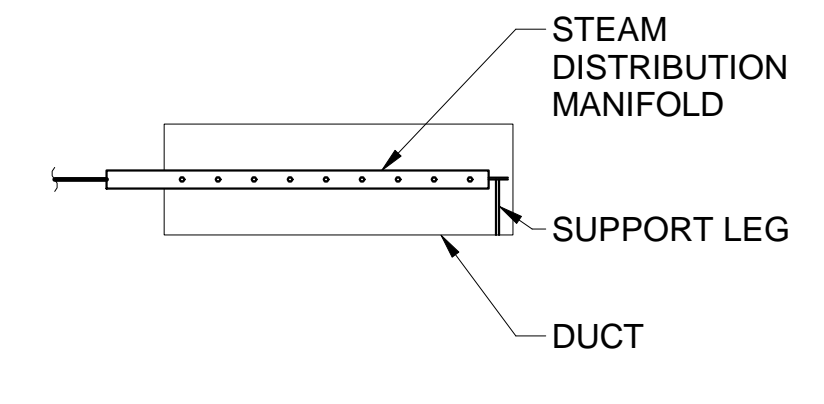
6 AHU-7&8 HEATING COIL PIPING SCHEMATIC
M-502/ SCALE: N.T.S.



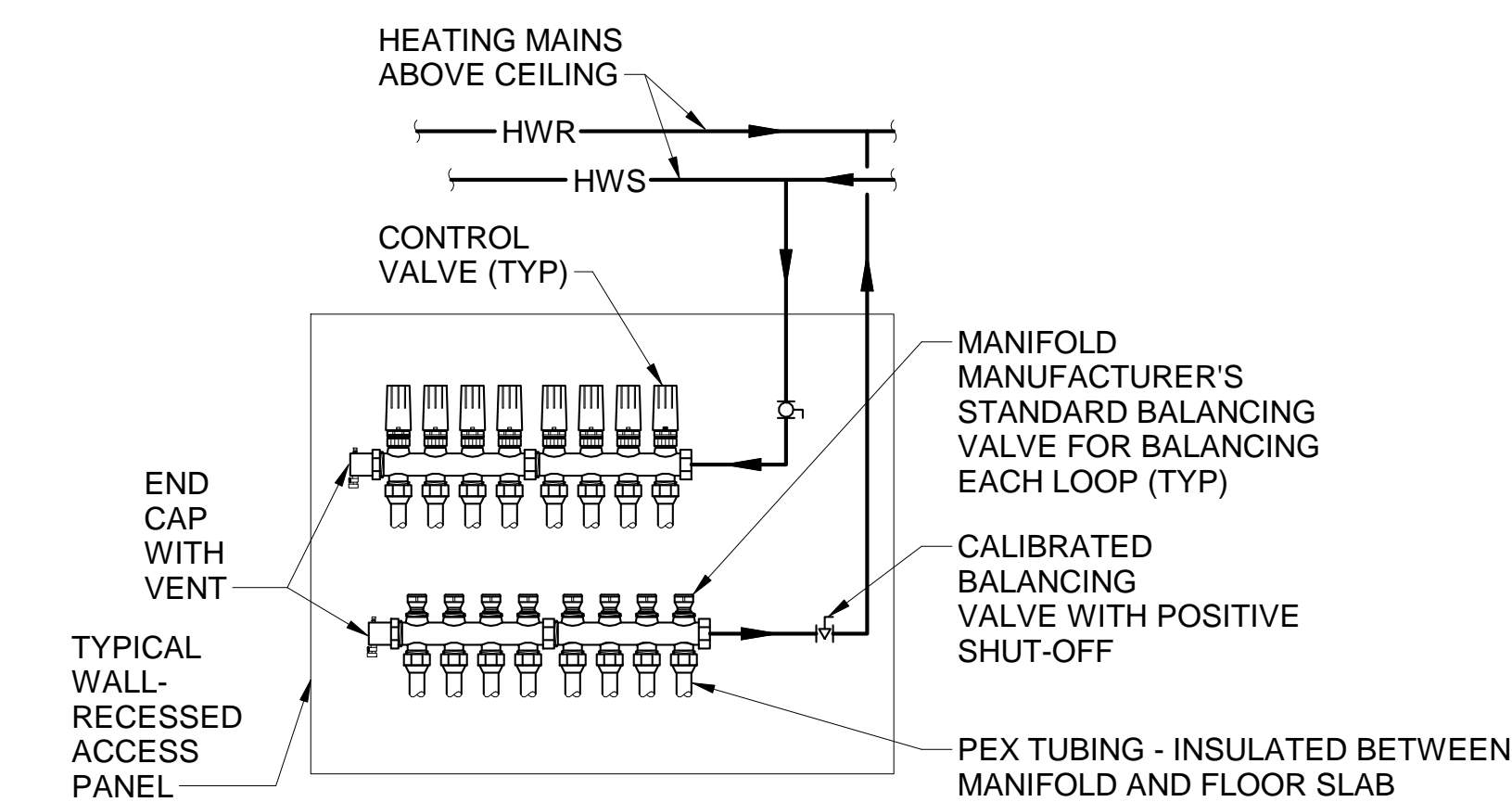
7 UNIT HEATER WATER COIL PIPING SCHEMATIC
M-502/ SCALE: N.T.S.



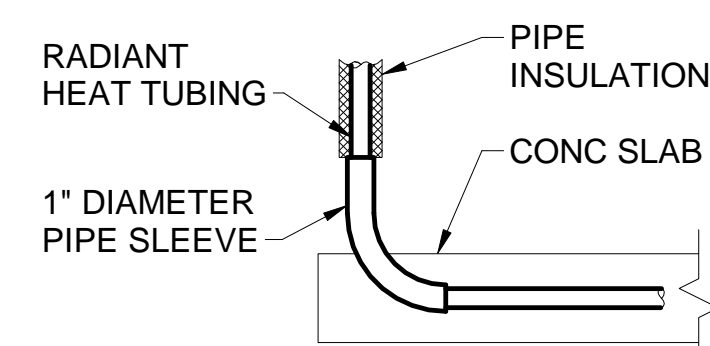
8 KITCHEN EXHAUST HOOD FAN ROOF CURB
M-502/ SCALE: N.T.S.



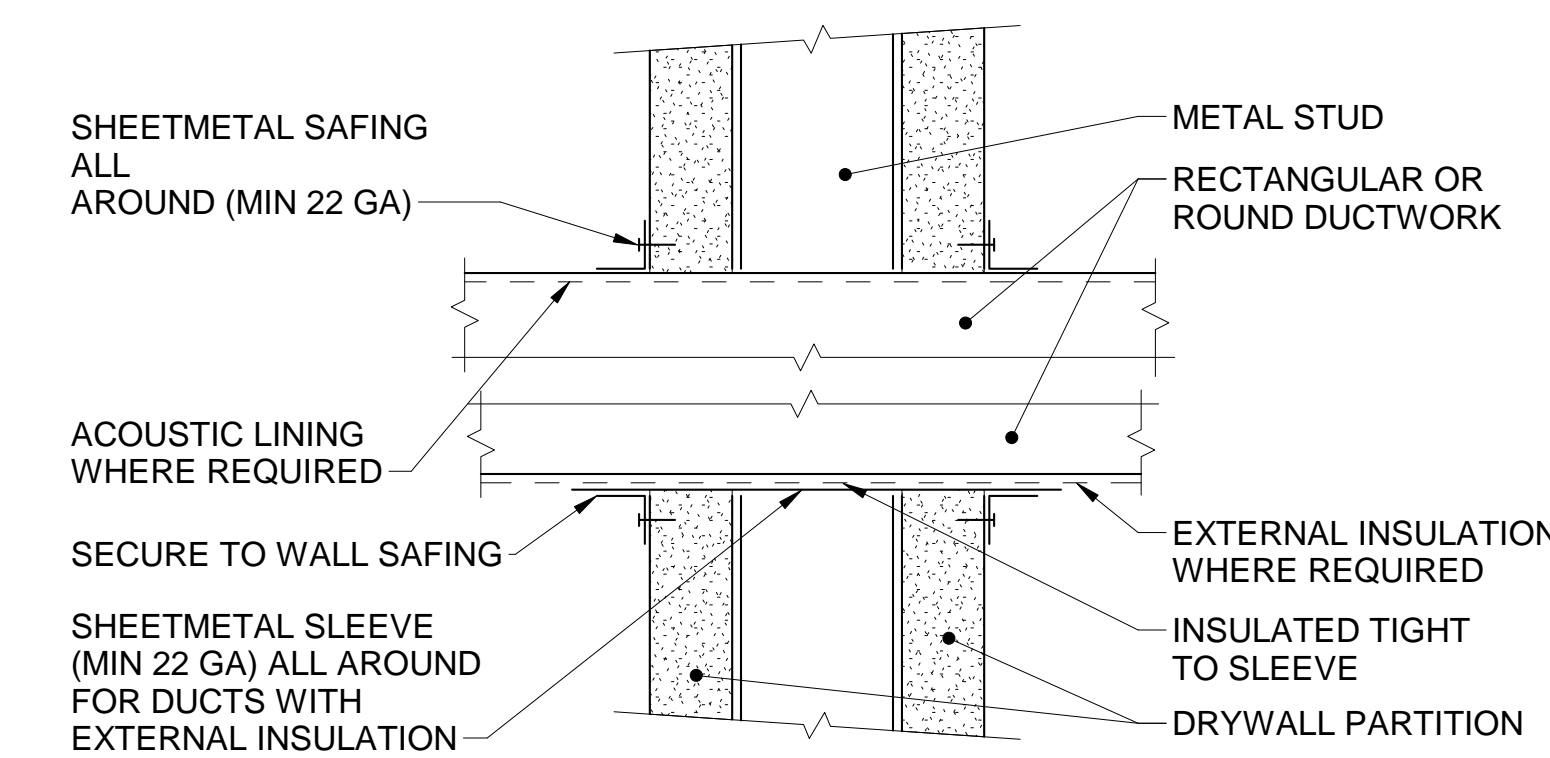
9 DUCT MOUNTED HUMIDIFIER MANIFOLD PIPING SCHEMATIC
M-502/ SCALE: N.T.S.



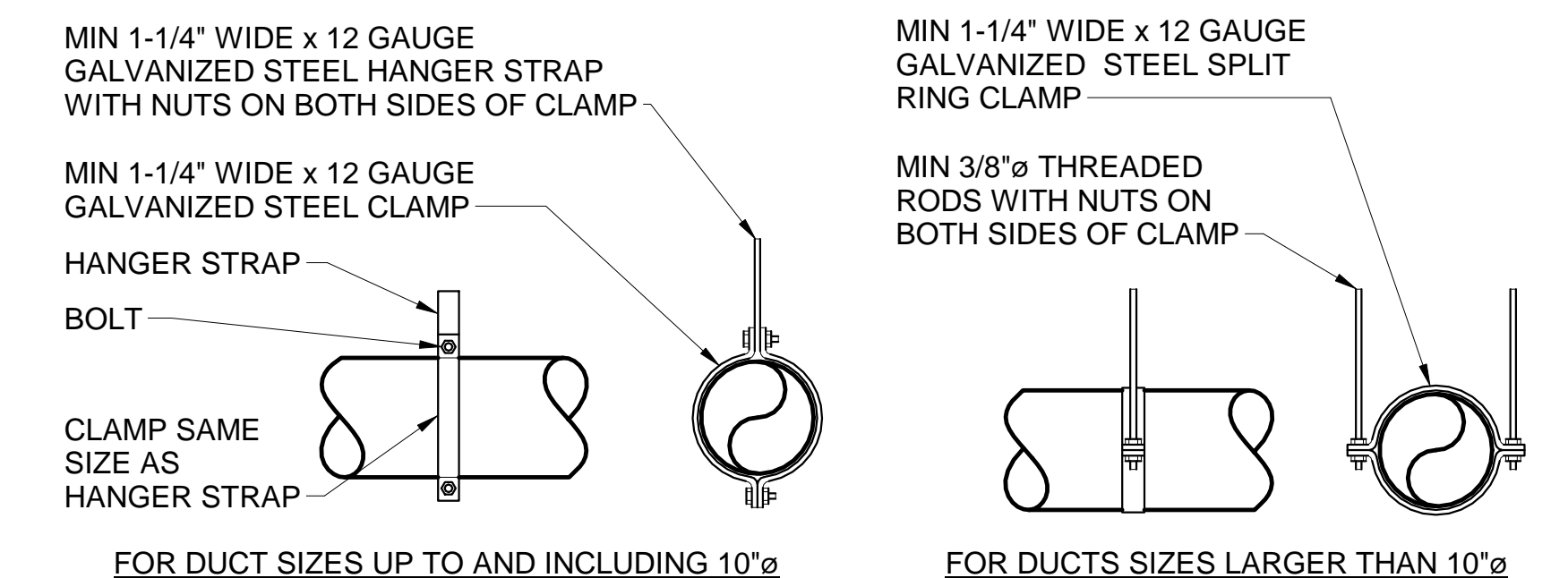
10 TYPICAL RADIANT HEAT MANIFOLD DIAGRAM
M-502/ SCALE: N.T.S.



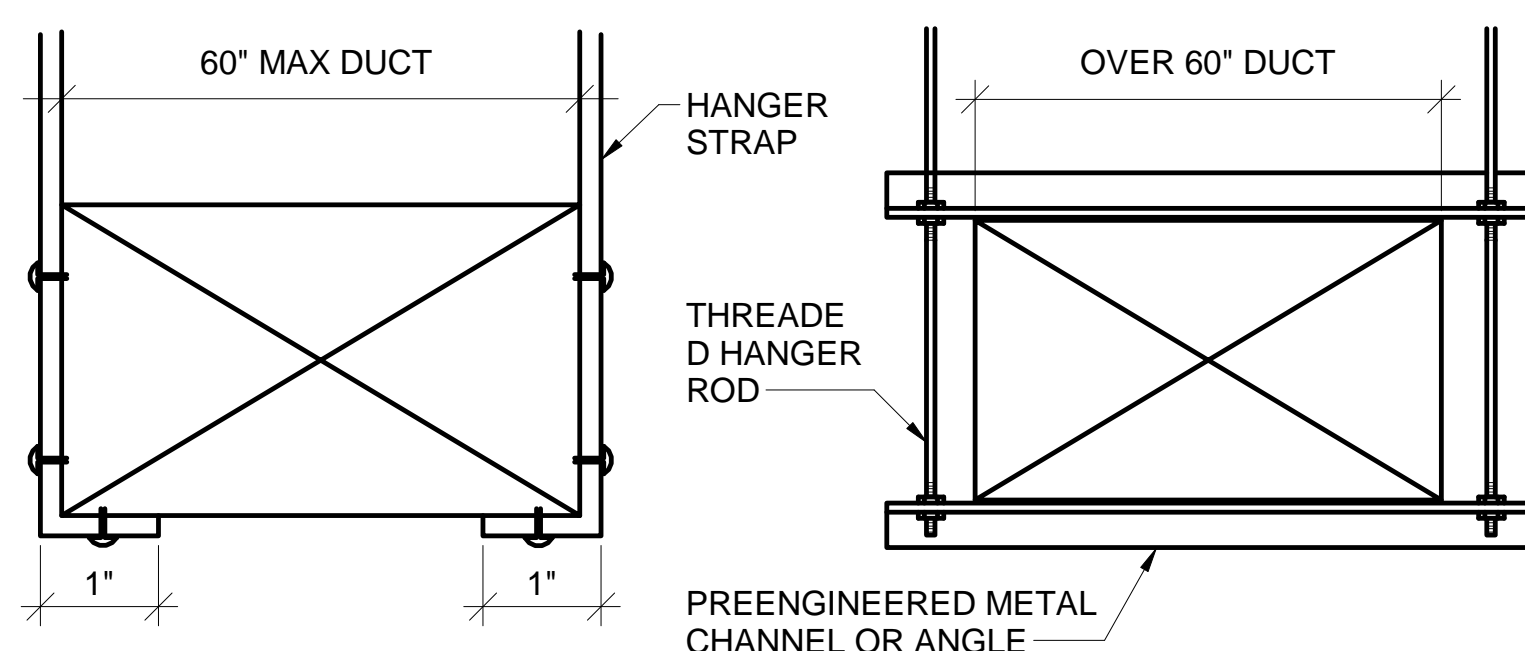
11 TYPICAL RADIANT HEAT TUBING ENTERING OR EXITING CONCRETE SLAB DETAIL
M-502/ SCALE: N.T.S.



12 DUCT PENETRATION THRU NON-FIRE RATED WALL
M-502/ SCALE: N.T.S.

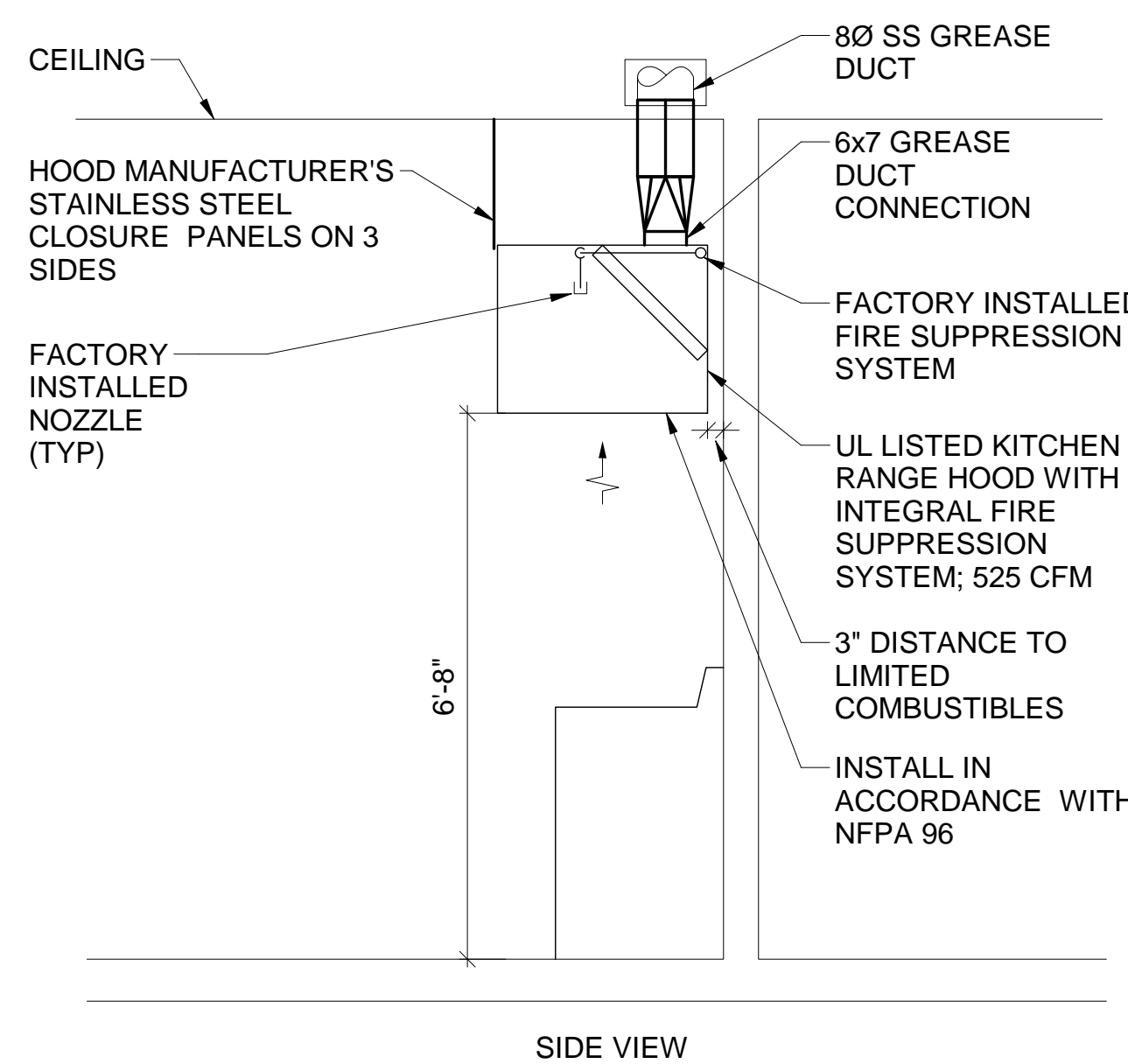


13 ROUND DUCT HANGER DETAIL
M-502/ SCALE: N.T.S.

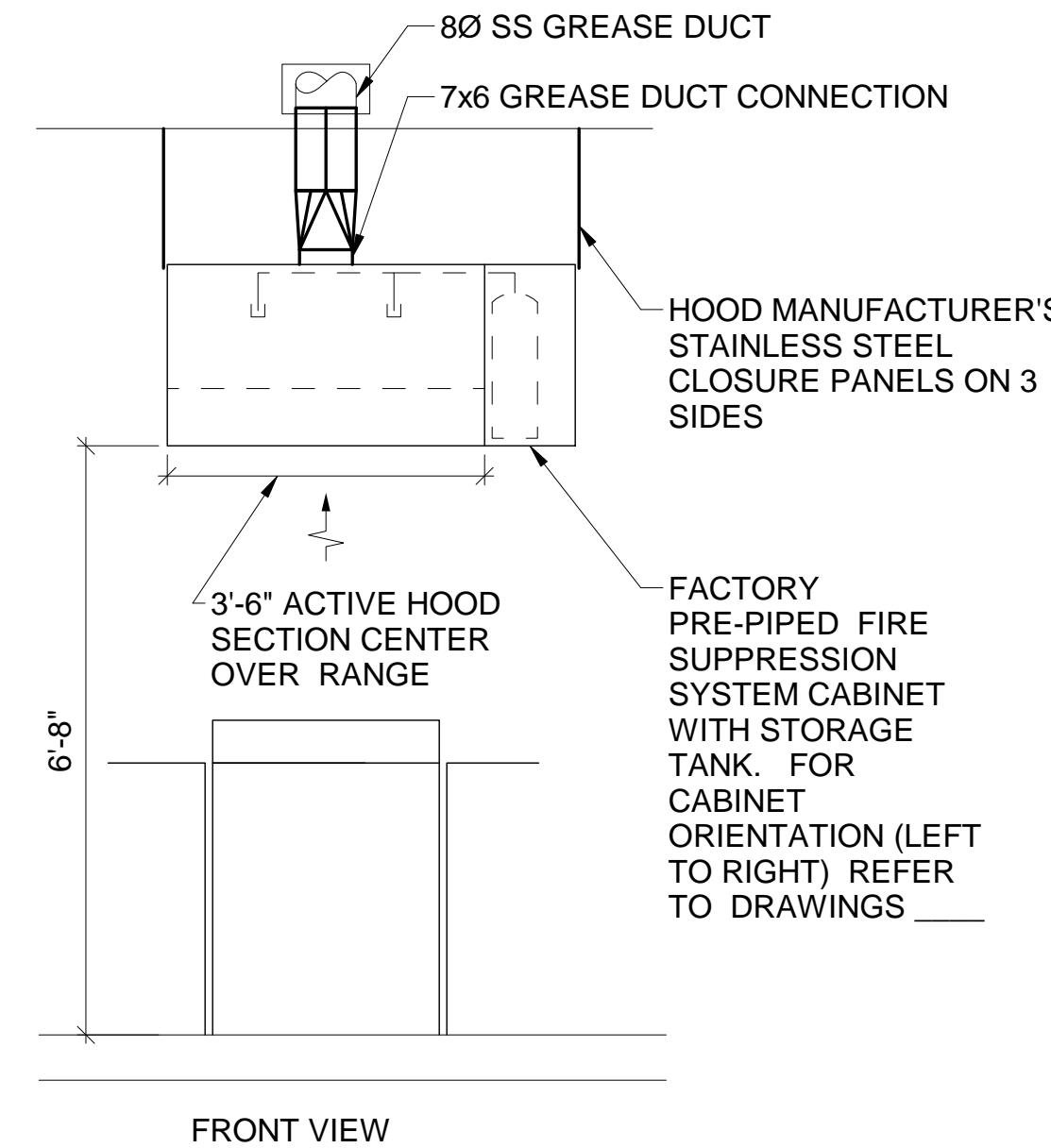


NOTE:
SIZE AND RATING OF HANGERS AND SUPPORTS SHALL BE PER LATEST SMACNA STANDARDS

14 DUCT SUPPORT ATTACHMENTS DETAIL
M-502/ SCALE: N.T.S.



15 TYPICAL RANGE HOOD INSTALLATION DETAIL
M-502/ SCALE: 1/8\"/>



STATE OF MAINE PUBLIC SCHOOL PROJECT		DRAWING NO. M-502	
TITLE: PORTLAND PUBLIC SCHOOLS NEW FRED P. HALL ELEMENTARY SCHOOL		SHEET NO. 248 OF 312	
LOCATION: 23 ORONO ROAD, PORTLAND, ME		DATE: 03/17/17	
TITLE THIS DWG.: MECHANICAL DETAILS 2		DRAWN BY: KLG	
CHECK BY: Designer		DATE: 03/17/17	
NO. DATE DESCRIPTION		BY NO.	
REVISIONS			