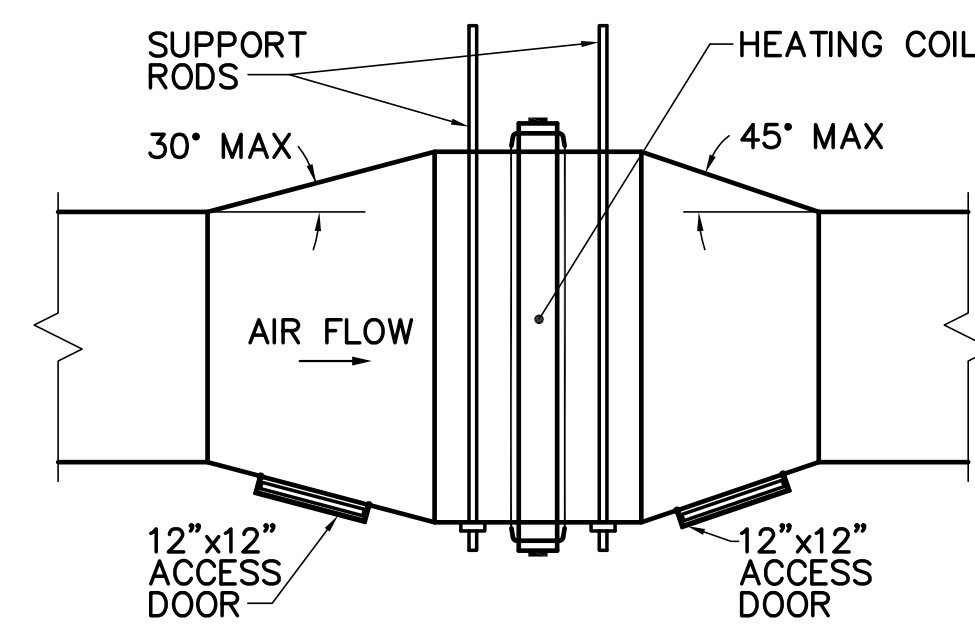
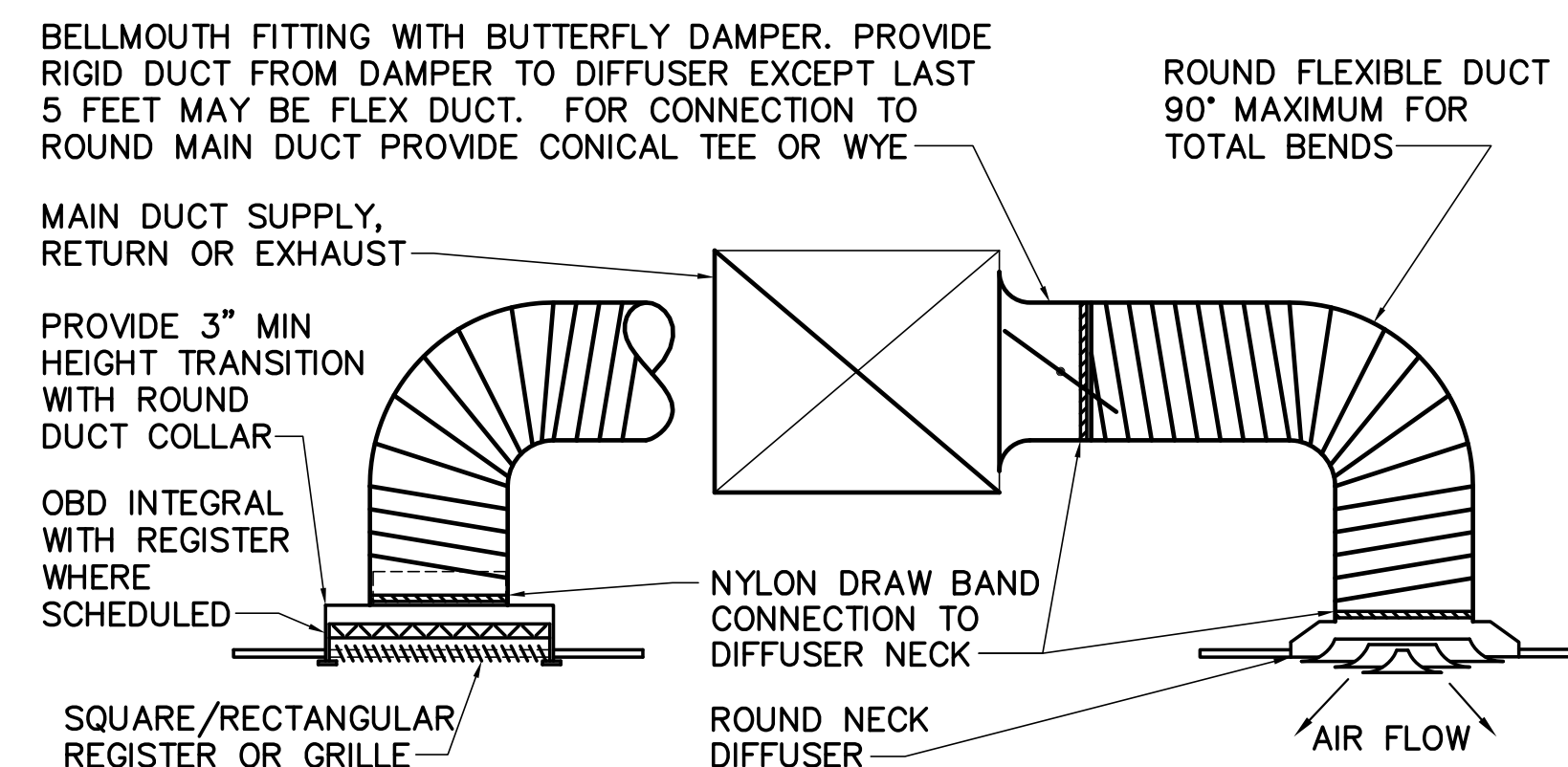


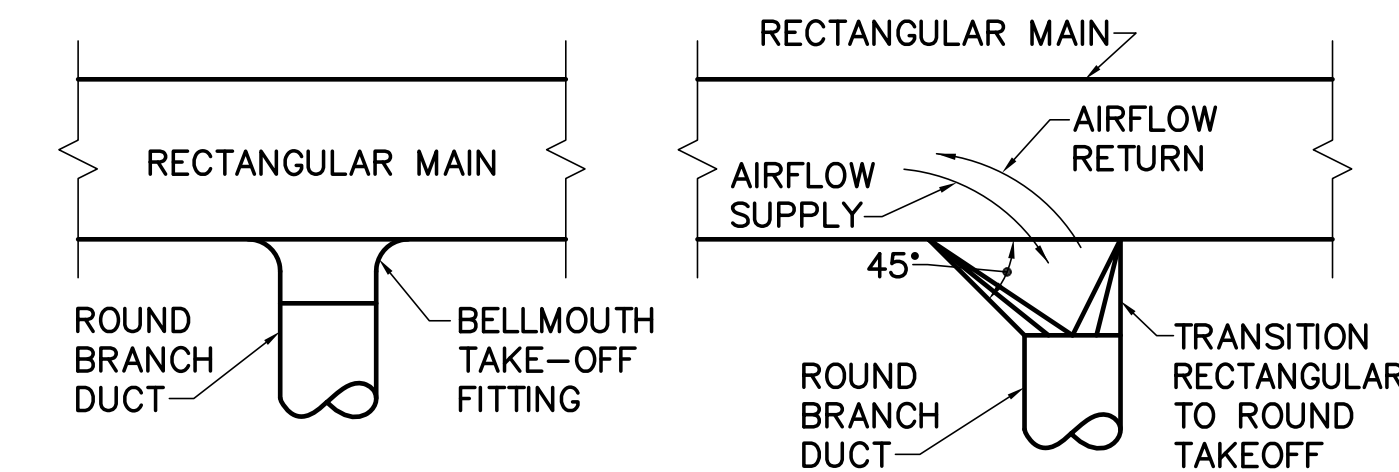
**1 RECTANGULAR DUCT TRANSITIONS DETAIL**  
M-501 NOT TO SCALE



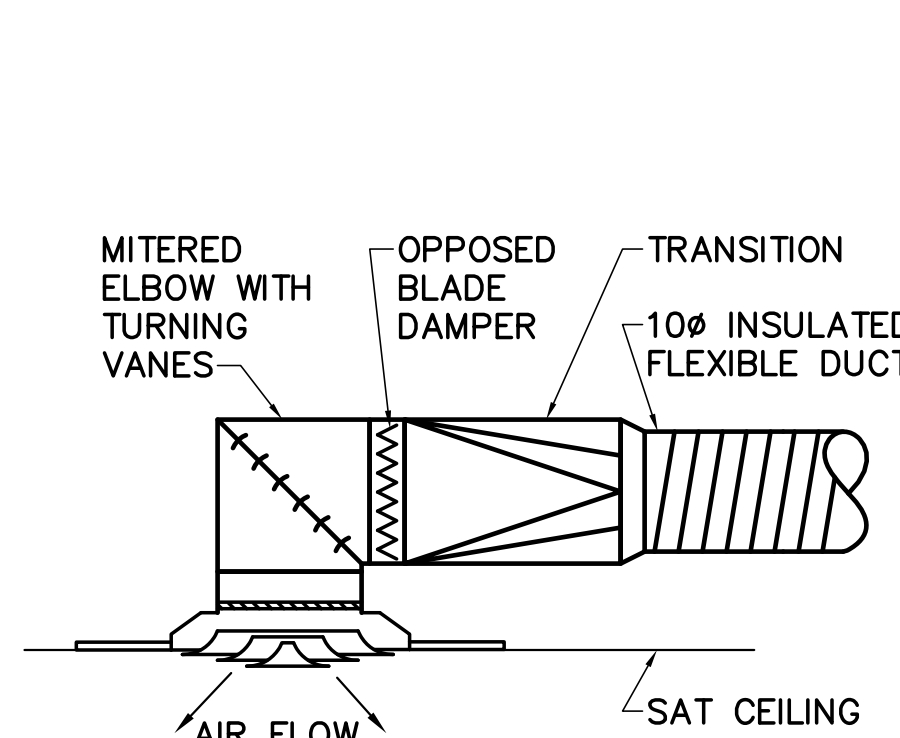
**2 HEATING COIL DETAIL**  
M-501 NOT TO SCALE



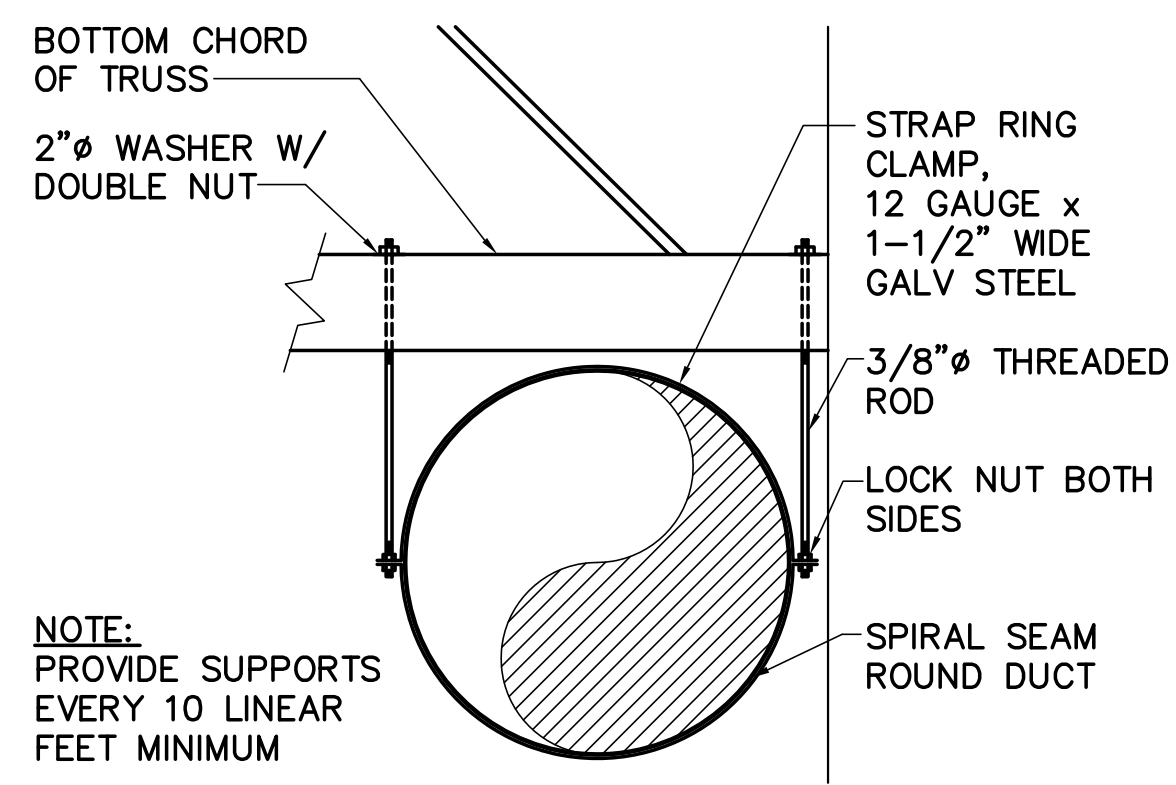
**3 DIFFUSER AND REGISTER RUNOUT DETAIL**  
M-501 NOT TO SCALE



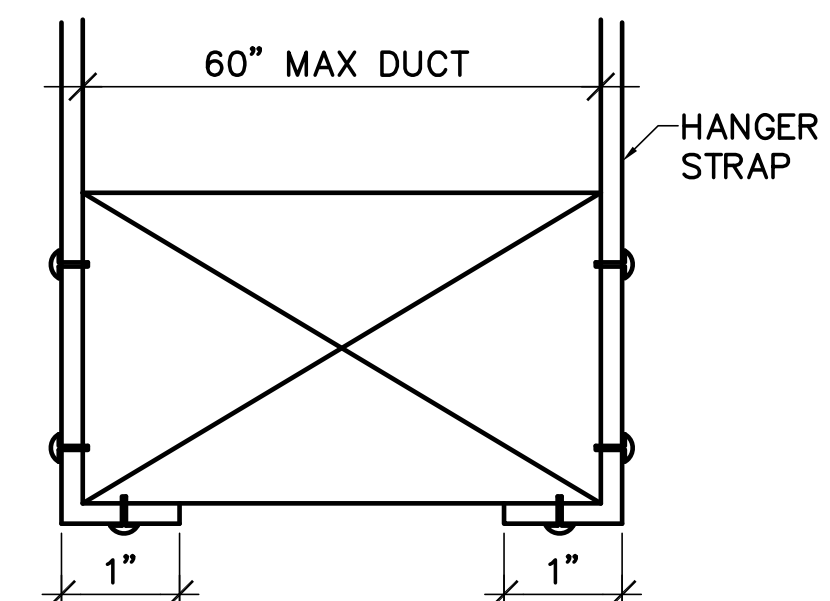
**4 TYPICAL ROUND BRANCH DUCT CONNECTIONS TO RECTANGULAR MAIN**  
M-501 NOT TO SCALE  
NOTE: 1. SPIN-IN TYPE STRAIGHT TAKE-OFF FITTINGS SHALL NOT BE PERMITTED.



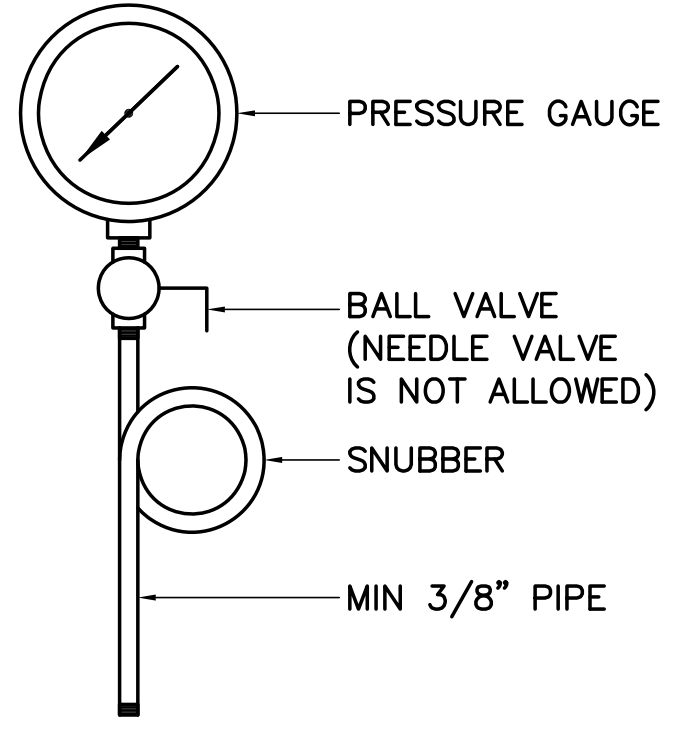
**5 S-2 SUPPLY DIFFUSER DETAIL**  
M-501 NOT TO SCALE



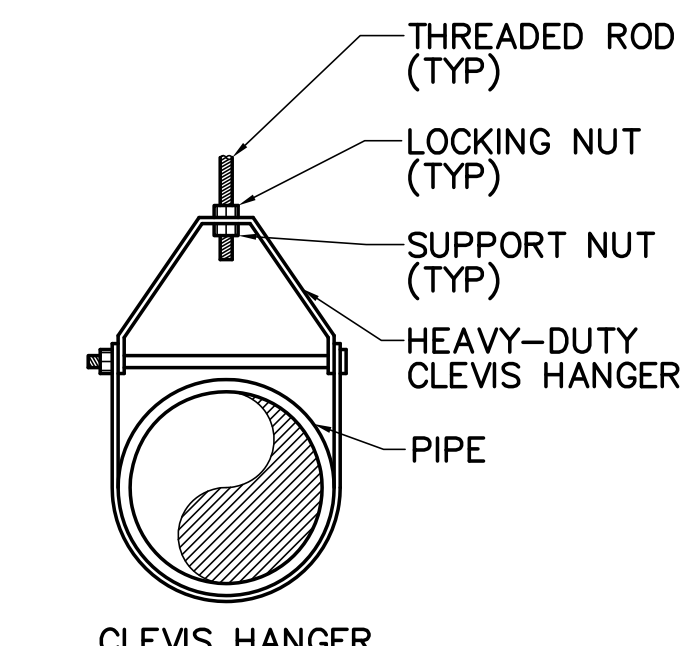
**6 EXPOSED SPIRAL DUCT SECTION**  
M-501 NOT TO SCALE



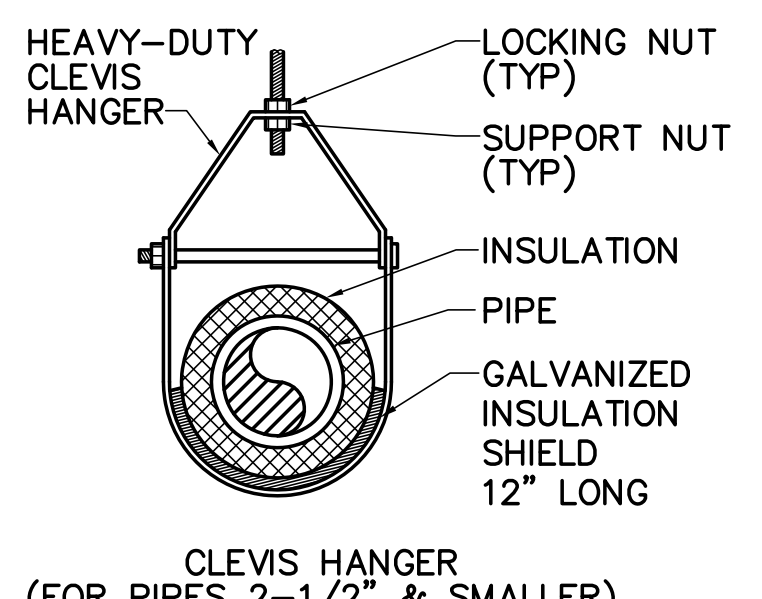
**7 DUCT SUPPORT ATTACHMENTS DETAIL**  
M-501 NOT TO SCALE  
NOTE: SIZE AND RATING OF HANGERS AND SUPPORTS SHALL BE PER LATEST SMACNA STANDARDS.



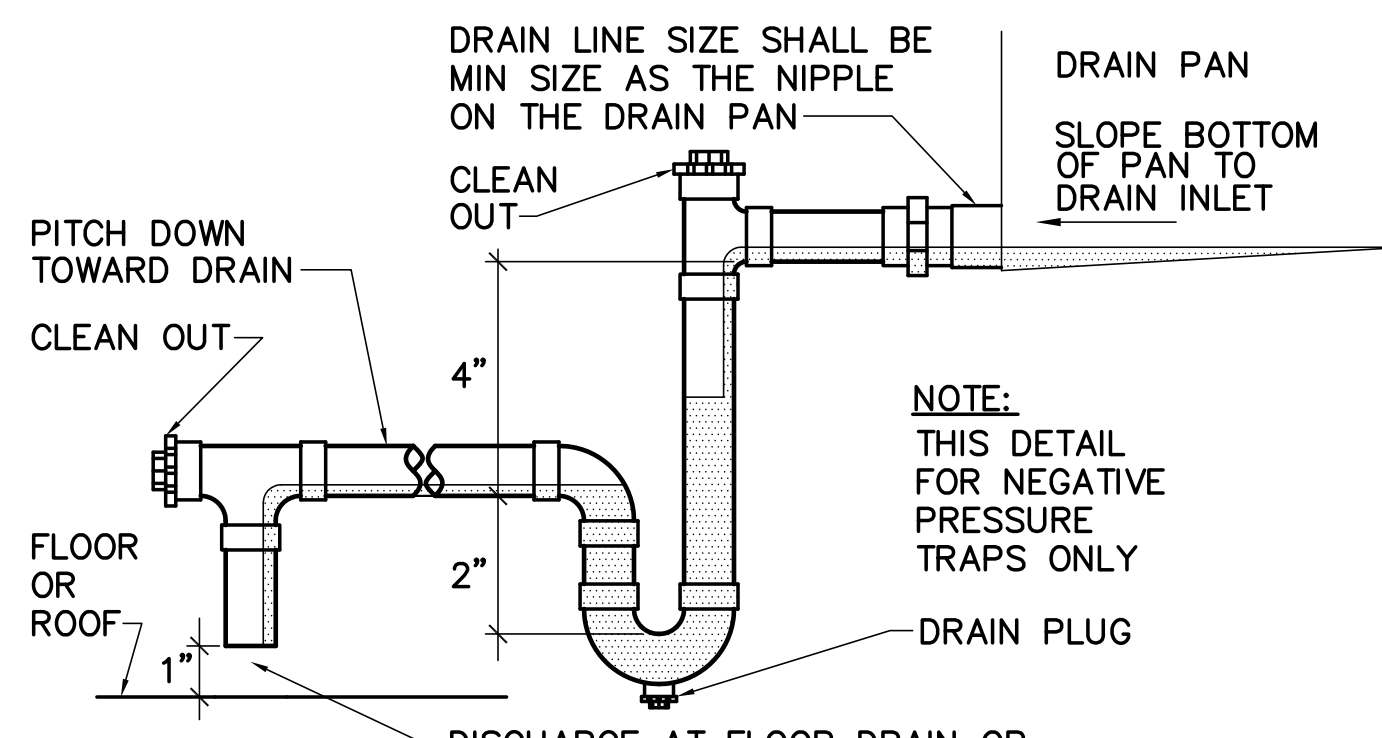
**8 STEAM PRESSURE GAUGE ASSEMBLY**  
M-501 NOT TO SCALE



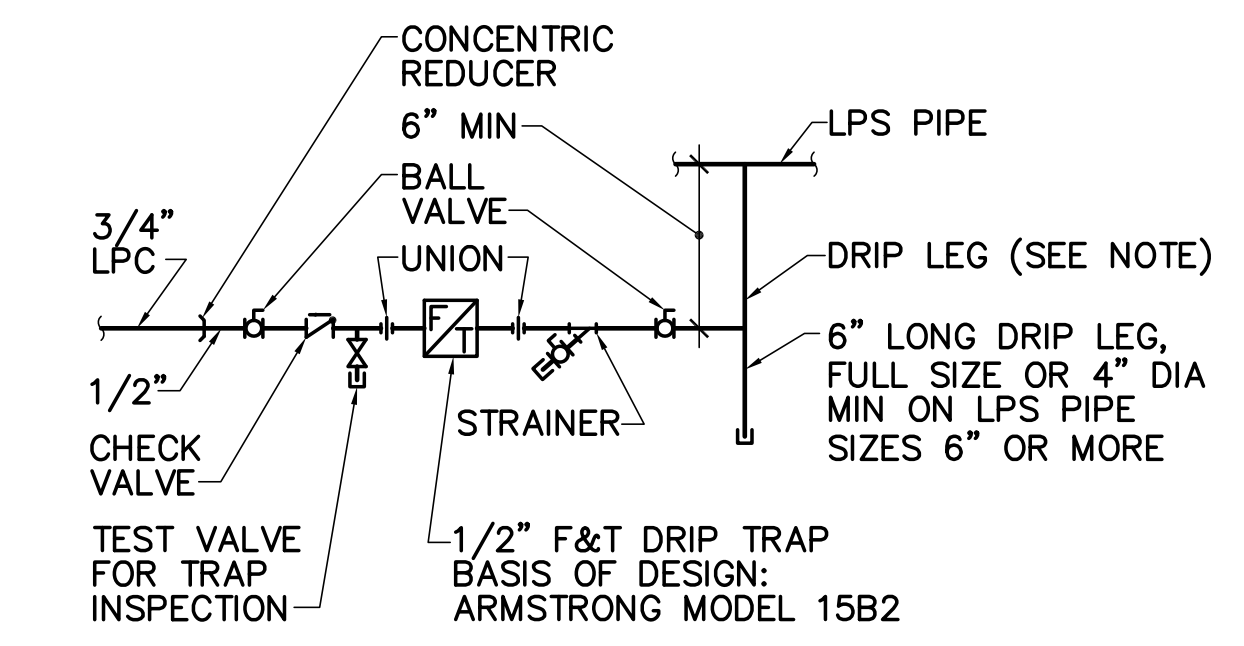
**9 PIPE HANGER ATTACHMENT DETAIL**  
M-501 NOT TO SCALE



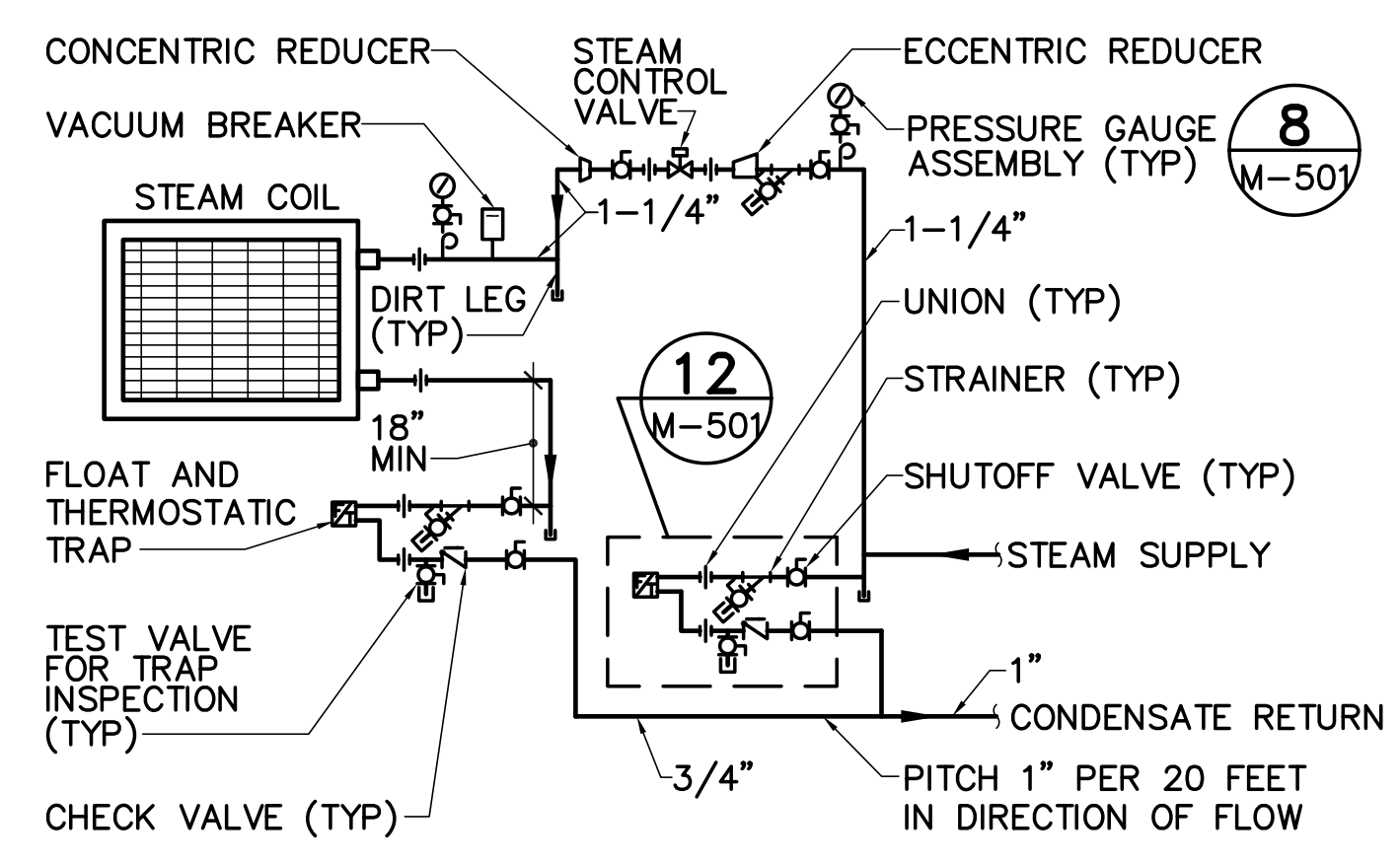
**10 PIPE HANGER ATTACHMENT DETAIL**  
M-501 NOT TO SCALE



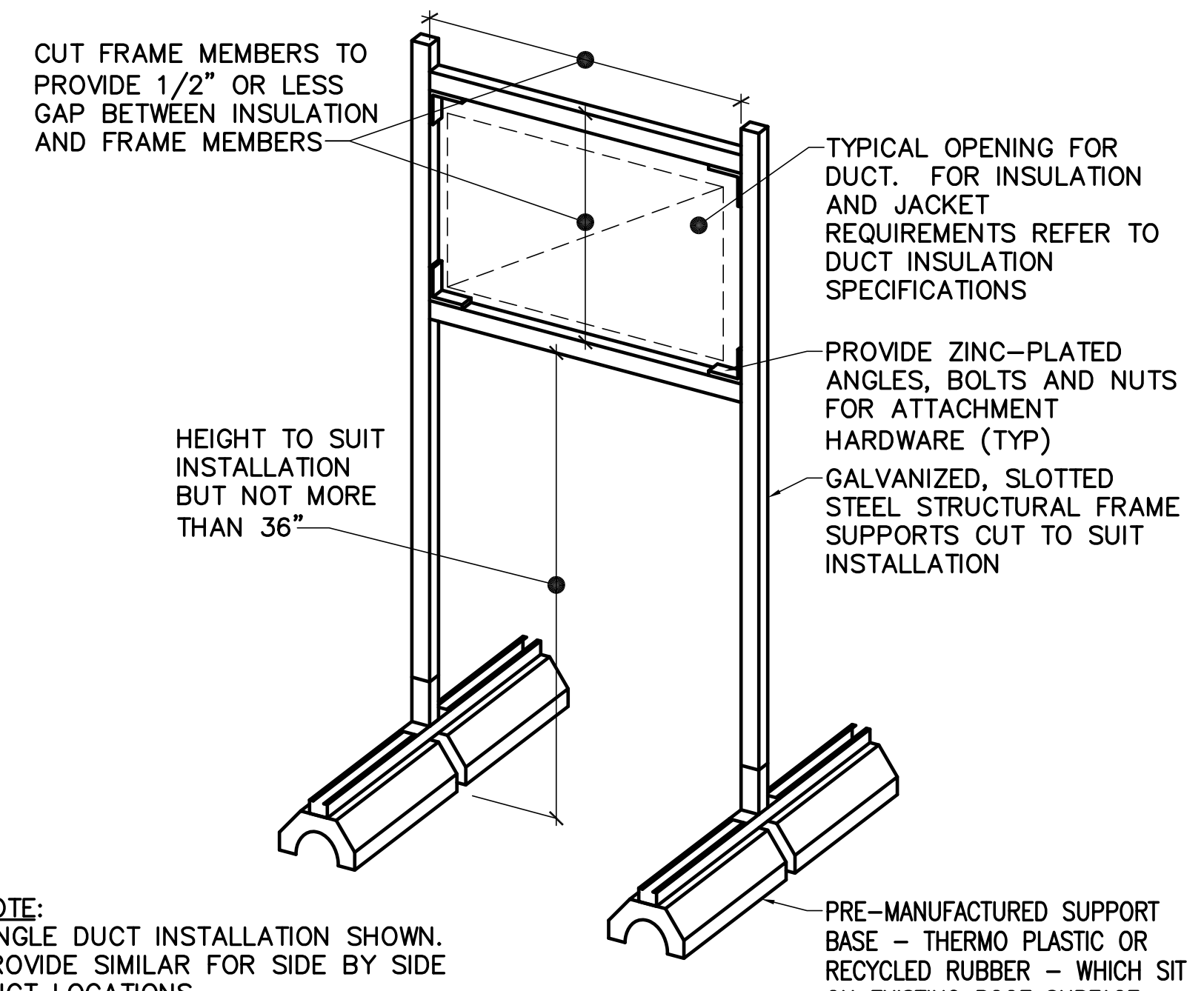
**11 CONDENSATE TRAP DETAIL**  
M-501 NOT TO SCALE



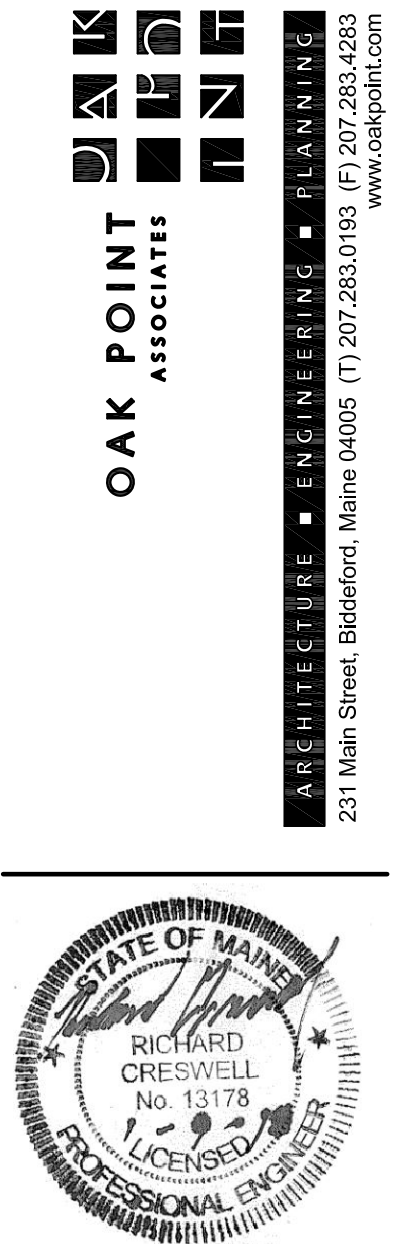
**12 TYPICAL F&T TRAP LOW PRESSURE DRIP LEG PIPING DETAIL**  
M-501 NOT TO SCALE  
NOTES: 1. DIRP LEG OFF STEAM MAIN SHALL BE SCHEDULE 80 STEEL.



**13 AHU-1 STEAM COIL PIPING SCHEMATIC**  
M-501 NOT TO SCALE  
NOTE: PROVIDE TRAP FOR STEAM COIL SIZED FOR FULL LOAD (SEE SCHEDULE) AT 1/2 PSI PRESSURE DIFFERENTIAL. THE LPC PIPE FROM THE COIL SHALL BE THE LARGER OF THE STEAM COIL LPC OPENING OR 3/4".



**14 ROOF MOUNTED DUCT SUPPORT DETAIL**  
M-501 NOT TO SCALE  
NOTE: SINGLE DUCT INSTALLATION SHOWN. PROVIDE SIMILAR FOR SIDE BY SIDE DUCT LOCATIONS.



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PAYSON SMITH HALL  
96 Fairmouth St. - Portland, Maine

MECHANICAL DETAILS

SCALE: AS NOTED  
DATE: 01-09-18  
DWG: M-501  
SHEET: 13 of 17