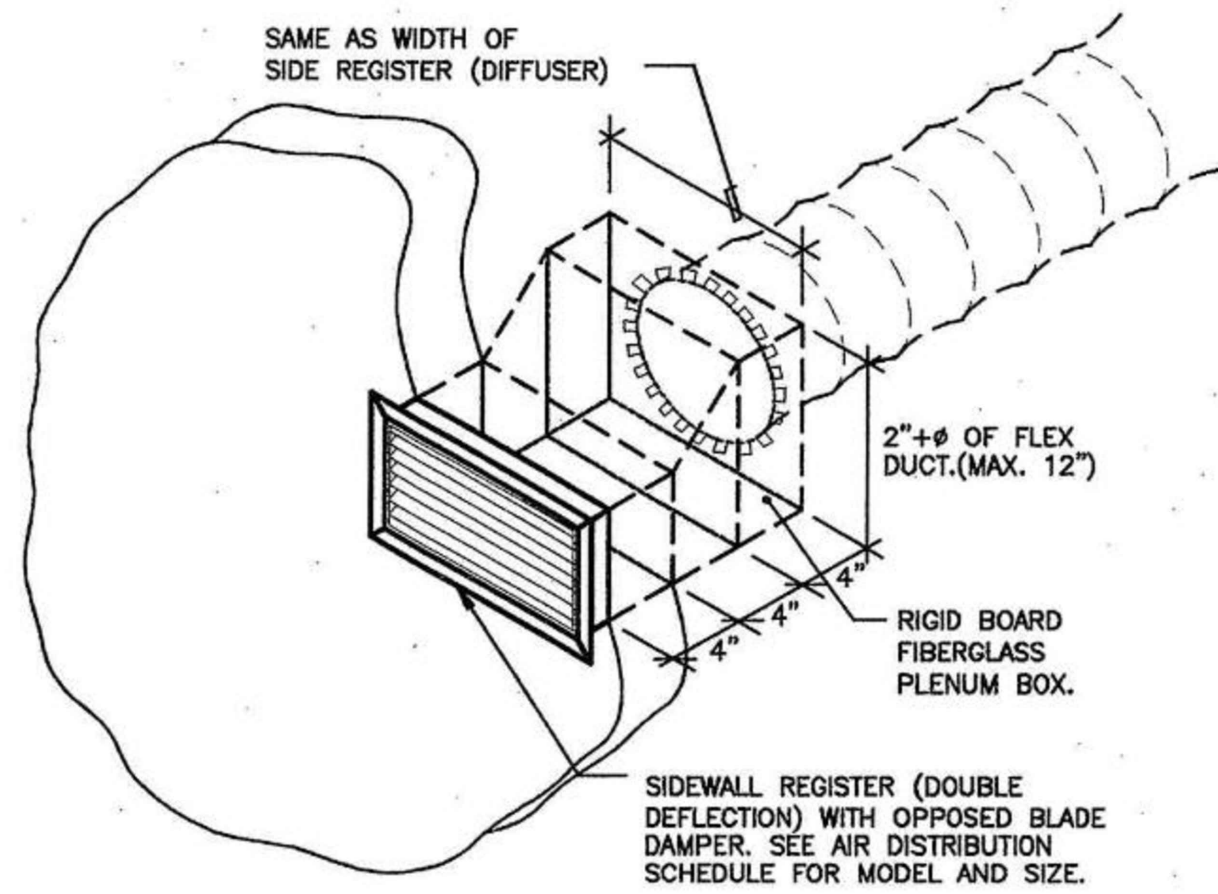
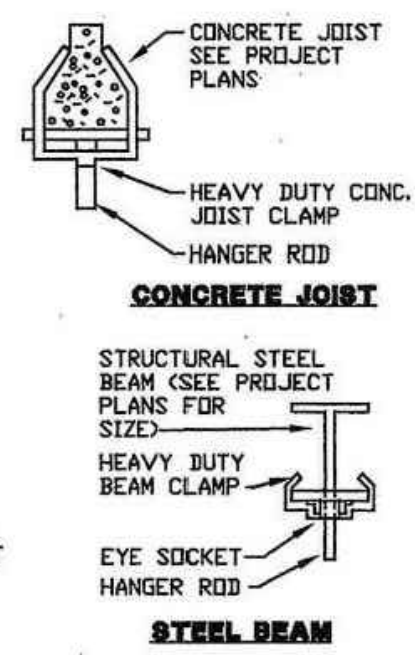
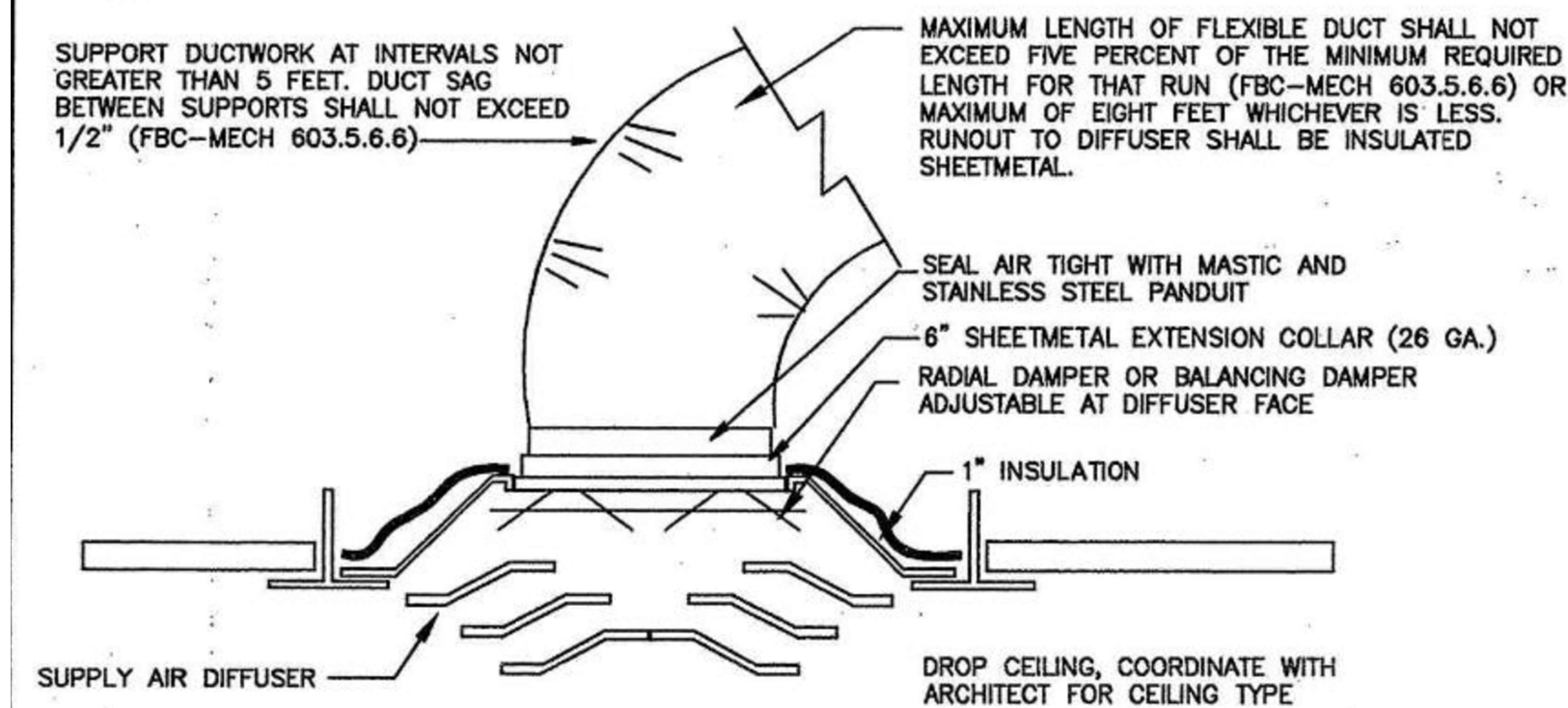


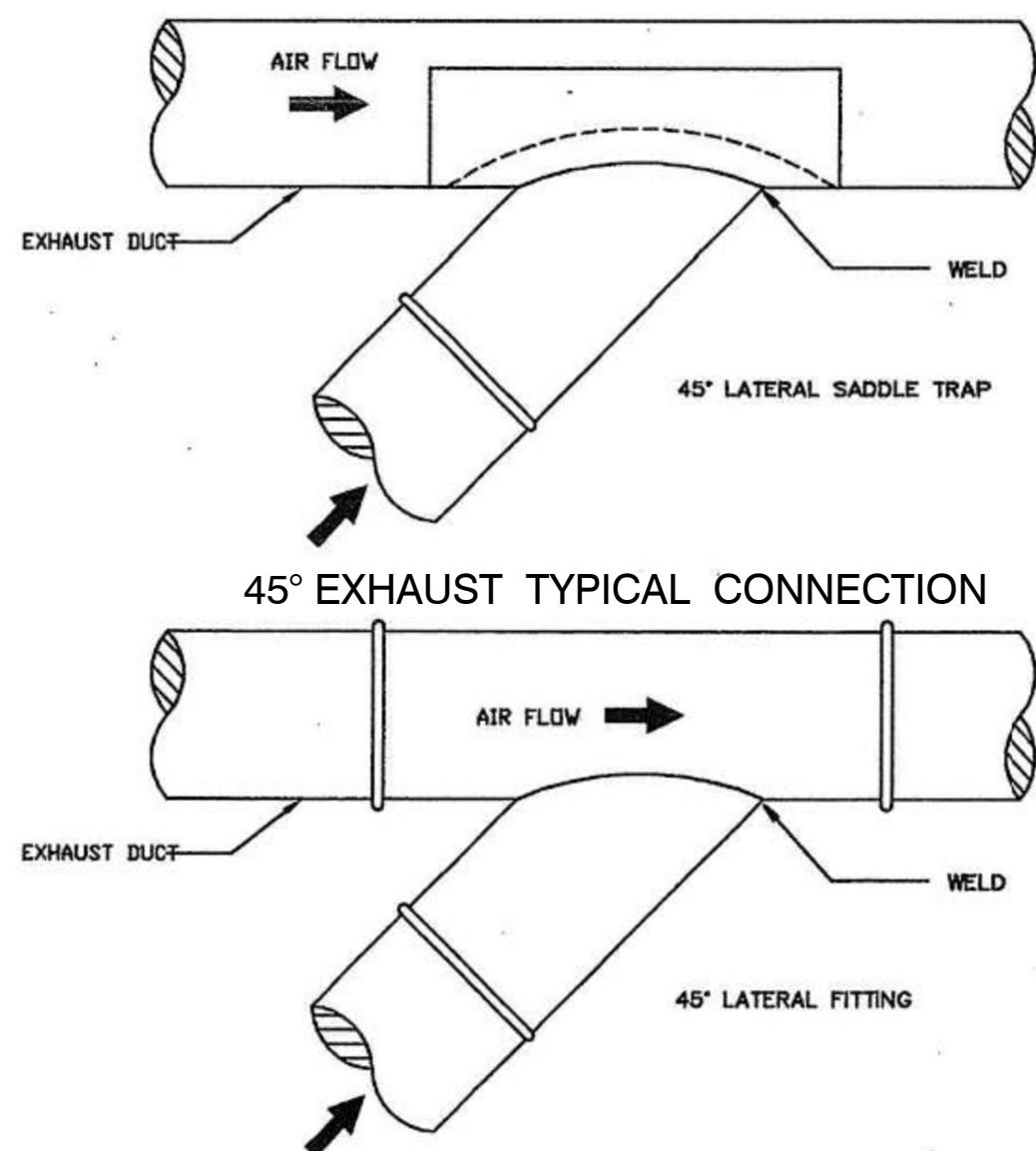
The image contains two technical diagrams. The left diagram, labeled 'STEEL JOIST', shows a cross-section of a steel joist with a hanger rod and nut. Labels include: 'BENT STRAP 1/4" x 3/16" OVER VERT. LEFT OF ANGLES', 'BOTTOM CHORDS OF STEEL JOIST', 'WELDS', 'WEB MEMBERS', 'HANGER NUT', 'ONE ANGLE ON EACH SIDE OF WEB MEMBERS REST ON TOP OF BOTTOM CHORDS STEEL JOISTS BETWEEN PANEL POINTS. SIZE FOR LOAD', and 'STEEL JOIST'. The right diagram, labeled 'CONCRETE JOIST', shows a cross-section of a concrete joist with a hanger rod and nut. Labels include: 'CONCRETE JOIST (SEE PROJECT PLANS)', 'HEAVY DUTY CONC. JOIST CLAMP', 'HANGER ROD', 'CONCRETE JOIST', 'HANGER ROD', 'STEEL BEAM', 'EYE SOCKET', 'HANGER ROD', 'HEAVY DUTY BEAM CLAMP', 'STRUCTURAL STEEL BEAM (SEE PROJECT PLANS FOR SIZE)', 'VAPOR BARRIER', 'INSULATION', '16 GAUGE ZINC COATED SHEET STEEL SADDLE AT LEAST 9" LONG', 'CLEVIS HANGER', 'SUPPORT NUT', 'HEAVY DUTY CLEVIS HANGER', 'LOCKING NUT', 'HANGER ROD', 'PIPE', 'HEAVY DUTY CLEVIS HANGER', 'SUPPORT NUT', and 'HANGER ROD'.



SIDEWALL REGISTER DETAIL



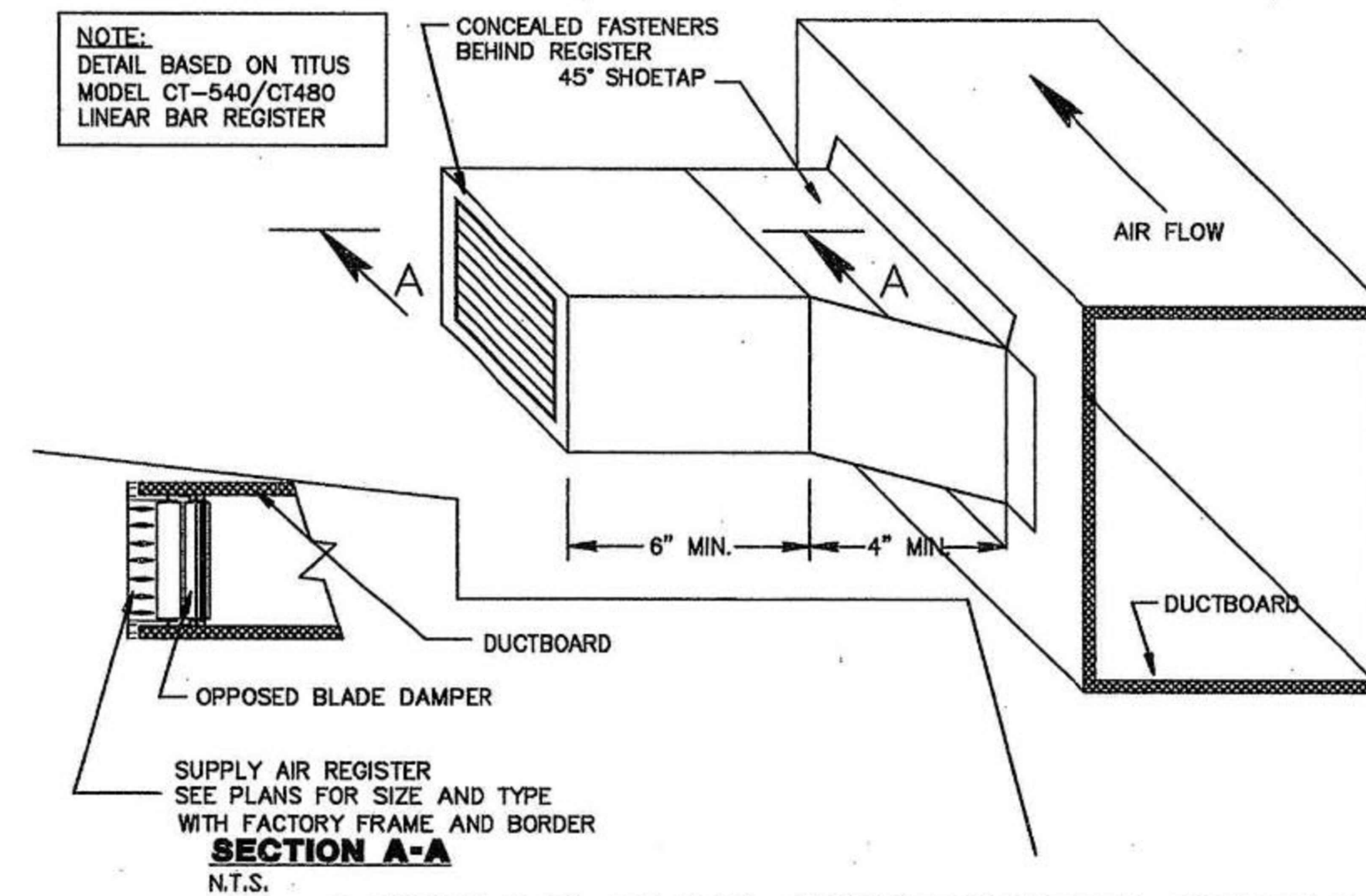
SUPPLY AIR DIFFUSER
N.T.S. M\CD-1



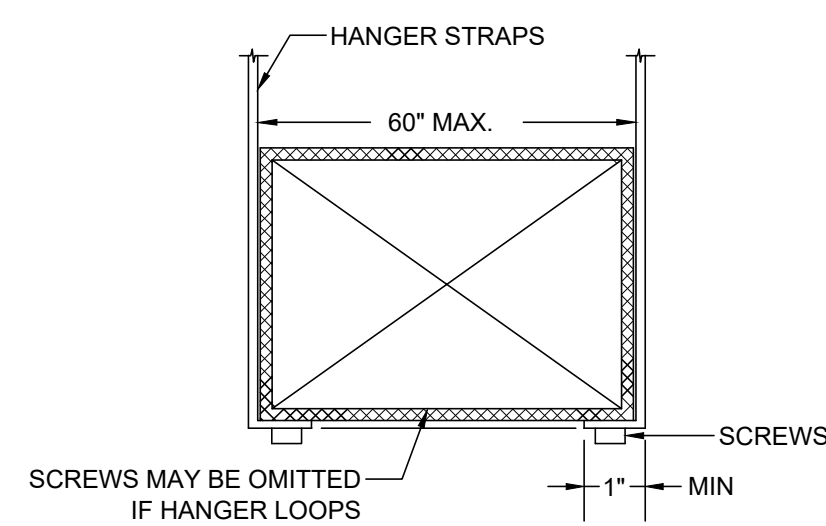
NOTE: COMPLY WITH FIGURE 3-4 OF LATEST HVAC DUCT CONSTRUCTION STANDARDS METAL AND FLEXIBLE

TYPICAL 45° LATERAL CONNECTION DETAIL

N.T.S. KJTP-45

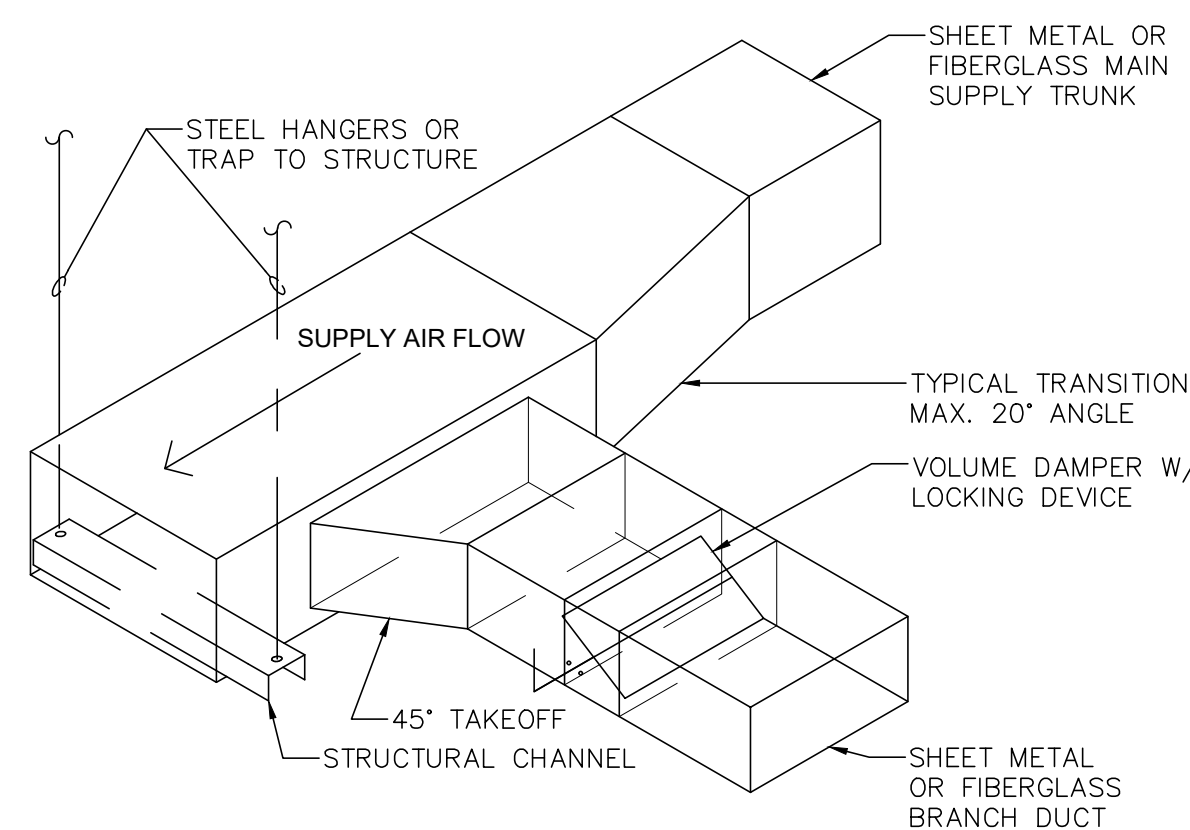


LINEAR BAR REGISTER DETAIL

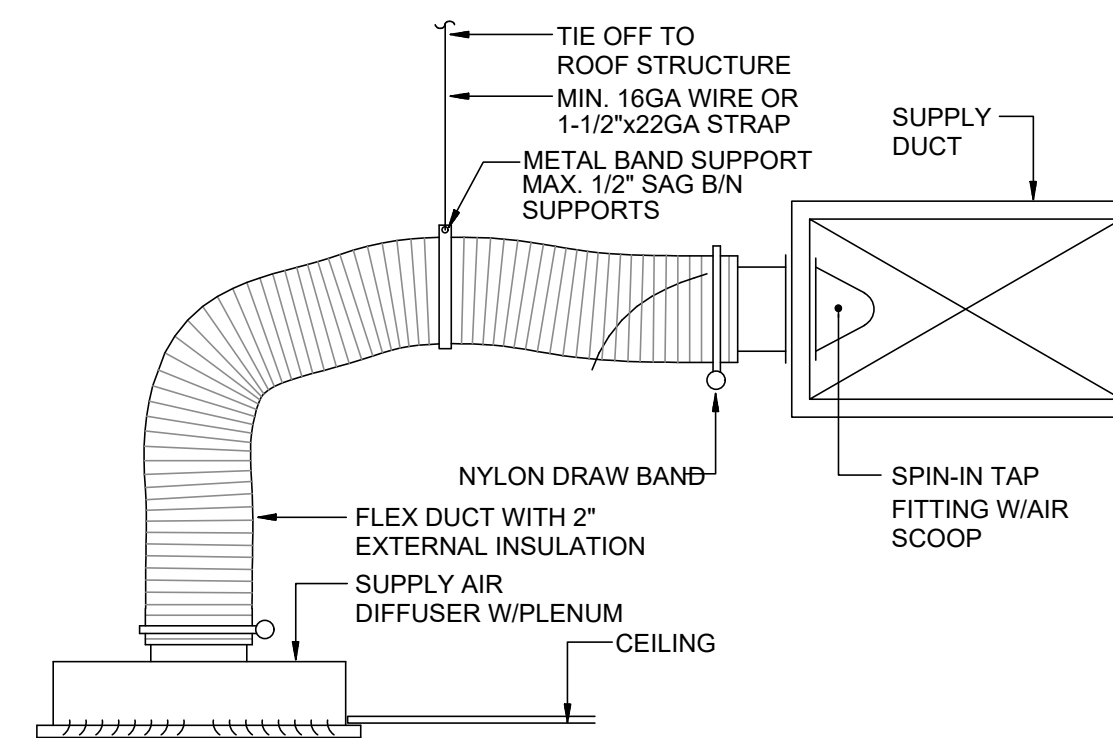


DUCT HANGER DETAIL

NTS.
NOTE: HANGER SPACING 5FT. , STRAP: 1-1/4" X 22 GA.



BRANCH DUCT TAKEOFF DETAIL
NTS.



SUPPLY AIR DIFFUSER DETAIL

N.T.S.
NOTES:
COORDINATE CEILING DIFFUSER TYPE/FINISH WITH ARCHITECT.

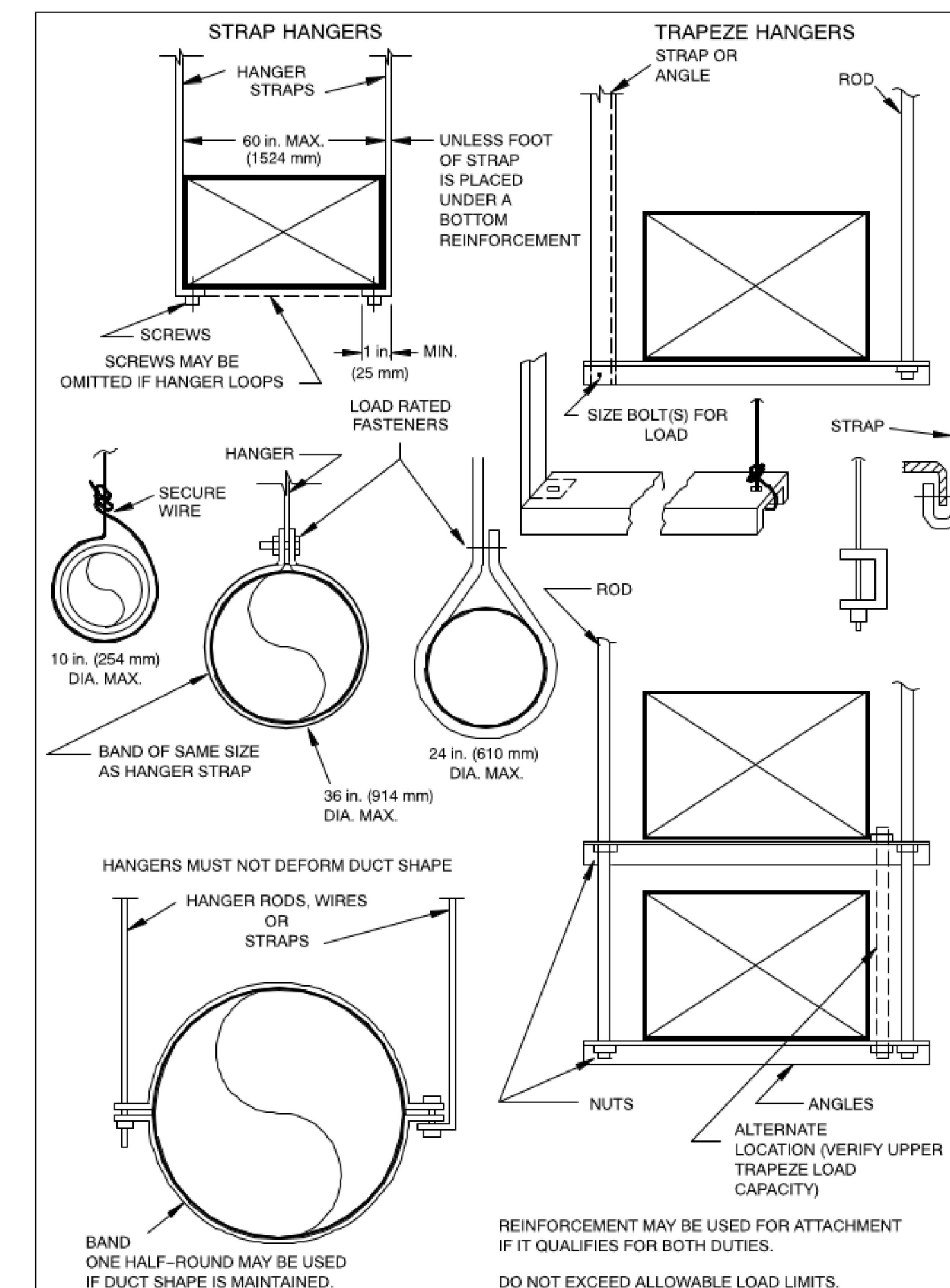


FIGURE 5-5 LOWER HANGER ATTACHMENTS

5.10 HVAC Duct Construction Standards Metal and Flexible • Fourth Edition

"This item has been digitally signed and sealed by Daniel F. Gutierrez on the date adjacent to the seal. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies"

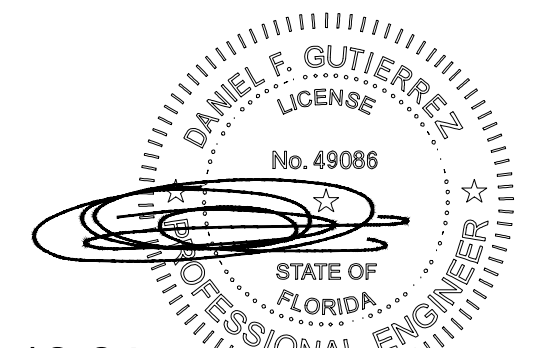
DANIEL F. GUTIERREZ, P.E.
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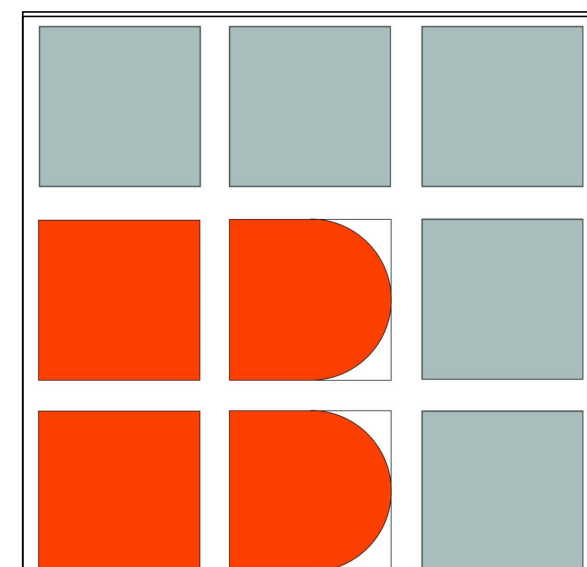
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