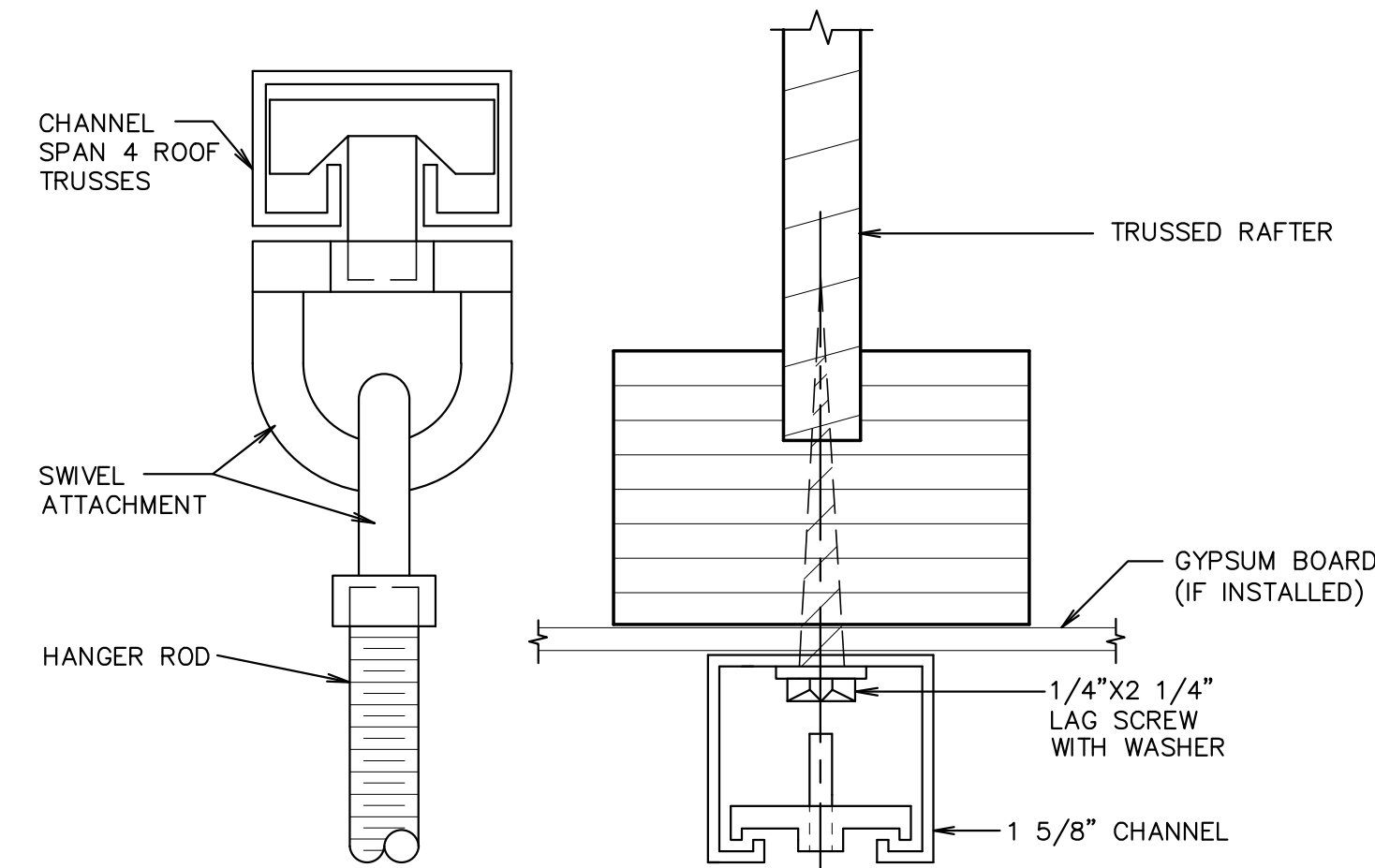
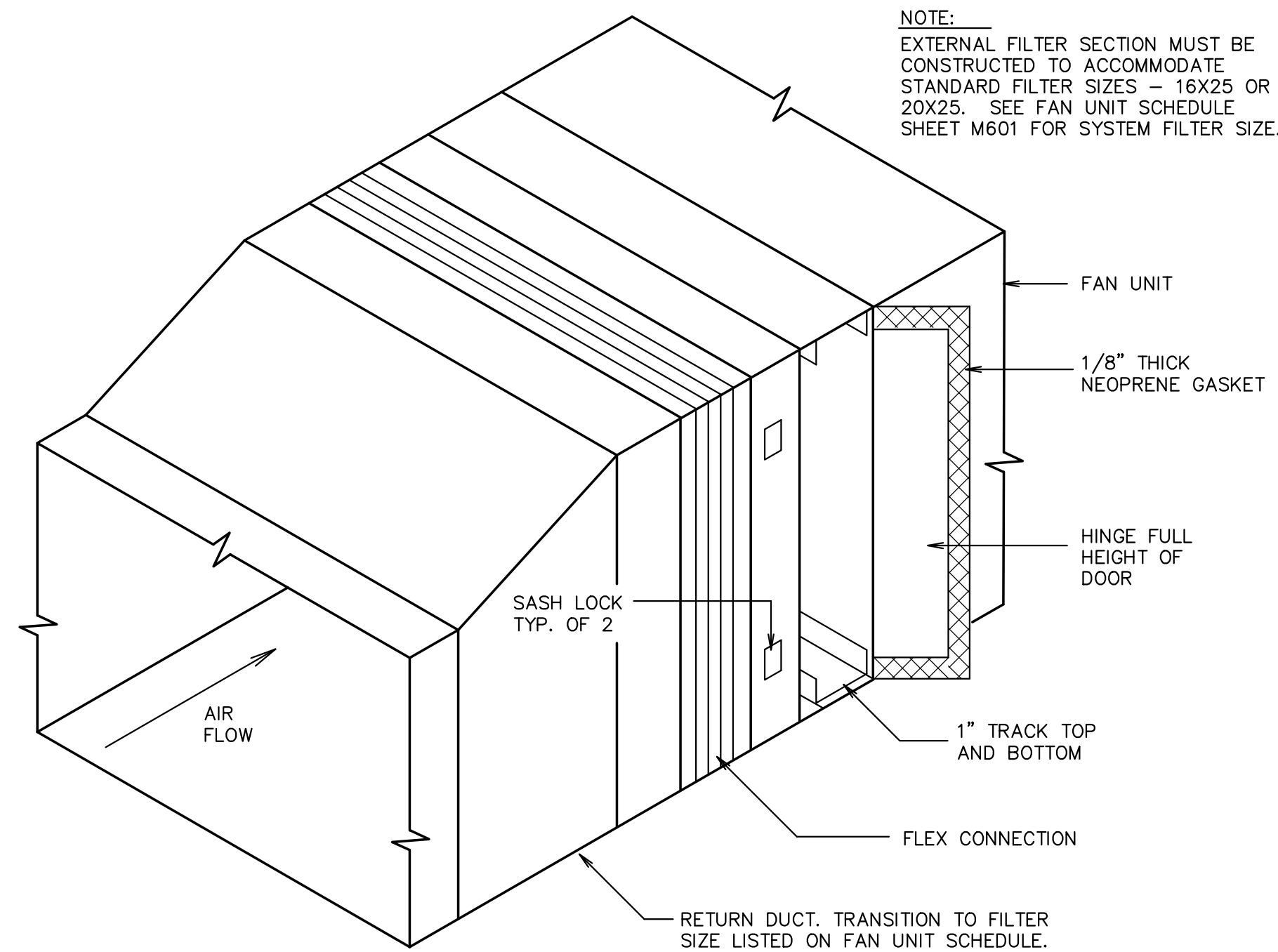


A SUPPLY OR RETURN AIR DUCT BRANCH CONNECTION DETAIL
SCALE: NONE







D UPPER ATTACHMENT DETAIL
SCALE: NONE



G EXTERNAL FILTER SECTION DETAIL
SCALE: NONE

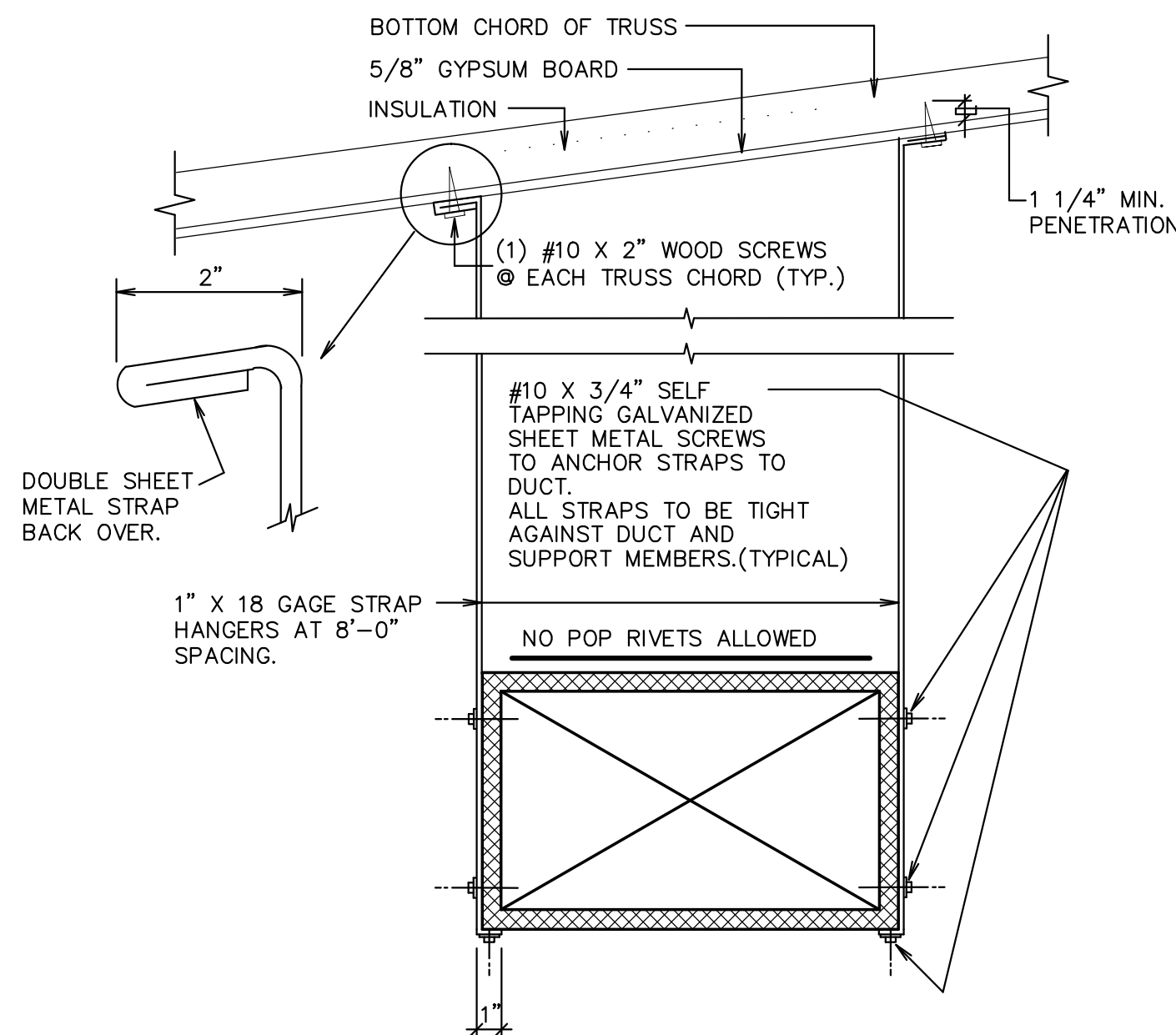
DO NOT BLOCK FILTER ACCESS WITH CONDUIT, THREADED ROD, OR CONDENSATE DRAINS.

DIMENSION OF LONGEST SIDE, INCHES	SHEET METAL GAGE (ALL FOUR SIDES)	MINIMUM REINFORCING ANGLE, SIZE AND MAXIMUM LONGITUDINAL SPACING BETWEEN TRANSVERSE JOINTS &/OR INTERMEDIATE REINFORCING	TRANSVERSE REINFORCING (1)				
			AT JOINTS				
			MIN. H. IN.				
				PLAIN S SLIP	HEMME S SLIP	ALTER'NT BAR SLIP	REIN- FORCED BAR SLIP
UP THRU 12	26	NONE REQUIRED	1	26	26	24	24
13 – 18	24	NONE REQUIRED	1	24	24	24	24
19 – 30	24	1"x1"x1/8" @ 60 IN	1	—	24	24	24
31 – 36	22	1"x1"x1/8" @ 60 IN	1	—	—	22	22

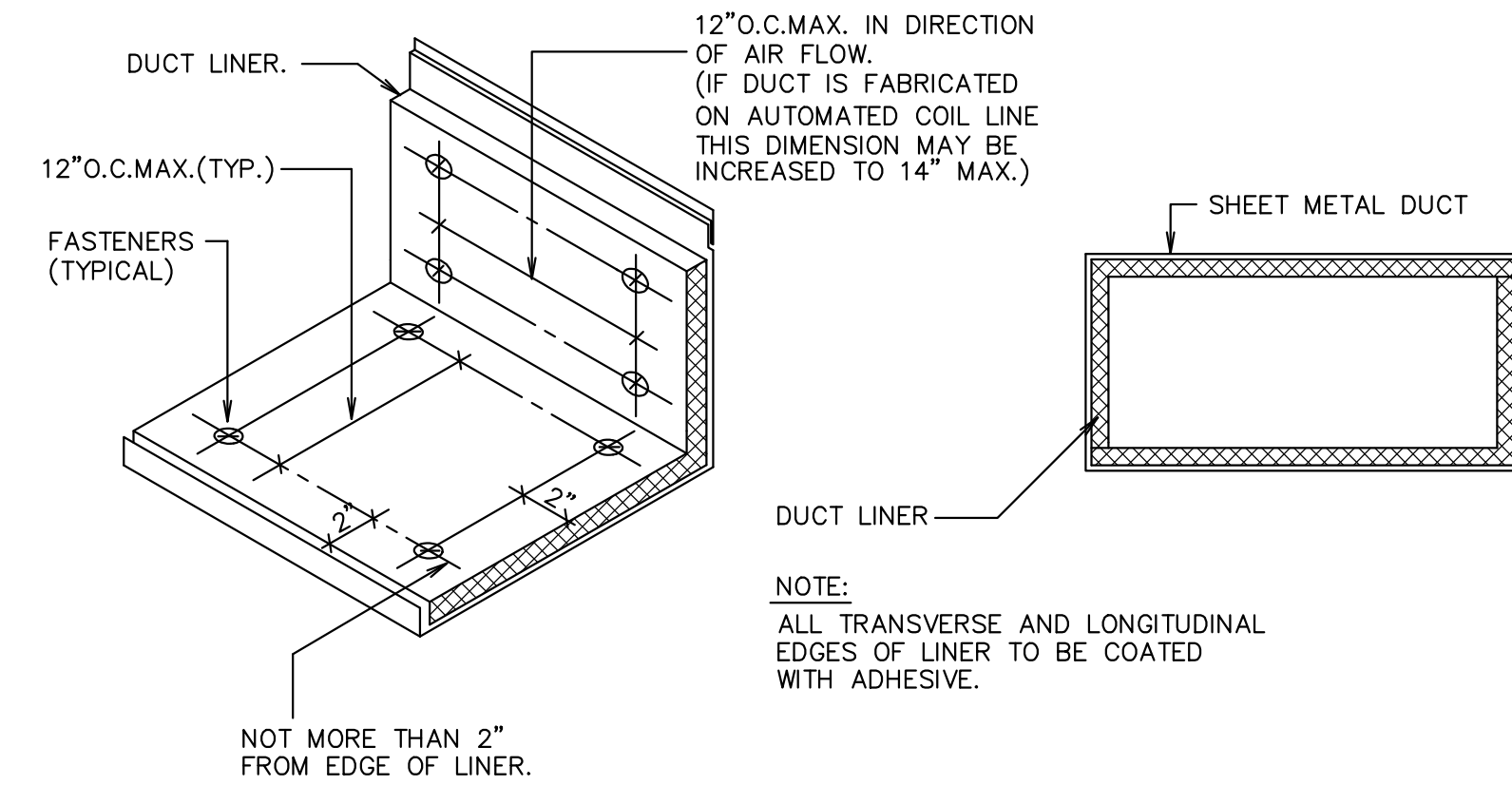
(1) TRANSVERSE REINFORCING SIZE IS DETERMINED BY DIMENSION OF SIDE TO WHICH ANGLE IS APPLIED.

(2) LONGITUDINAL JOINTS TO BE PITTSBURG OR SNAP LOCK TYPE.

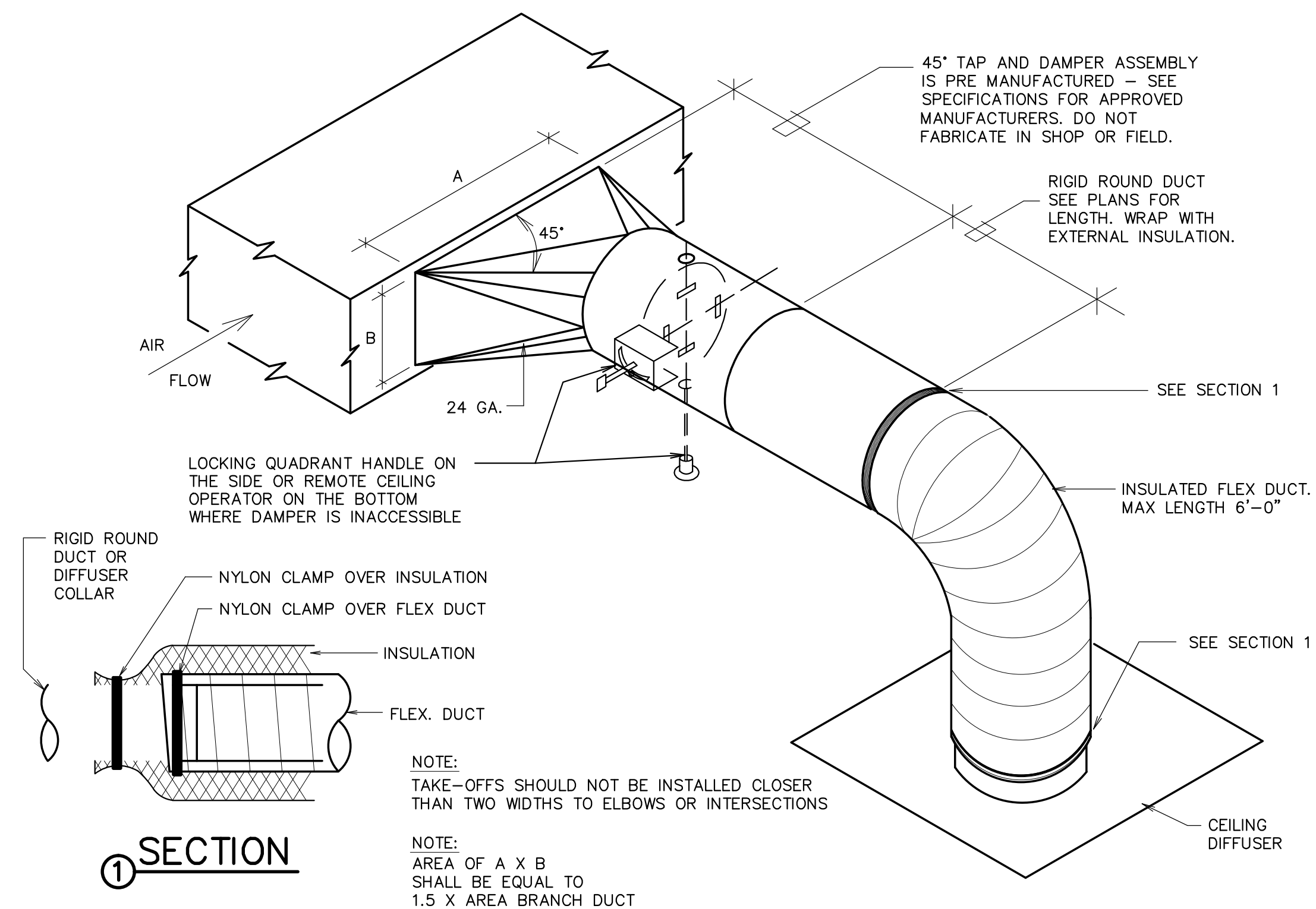
B DUCT CONSTRUCTION DETAIL
SCALE: NONE



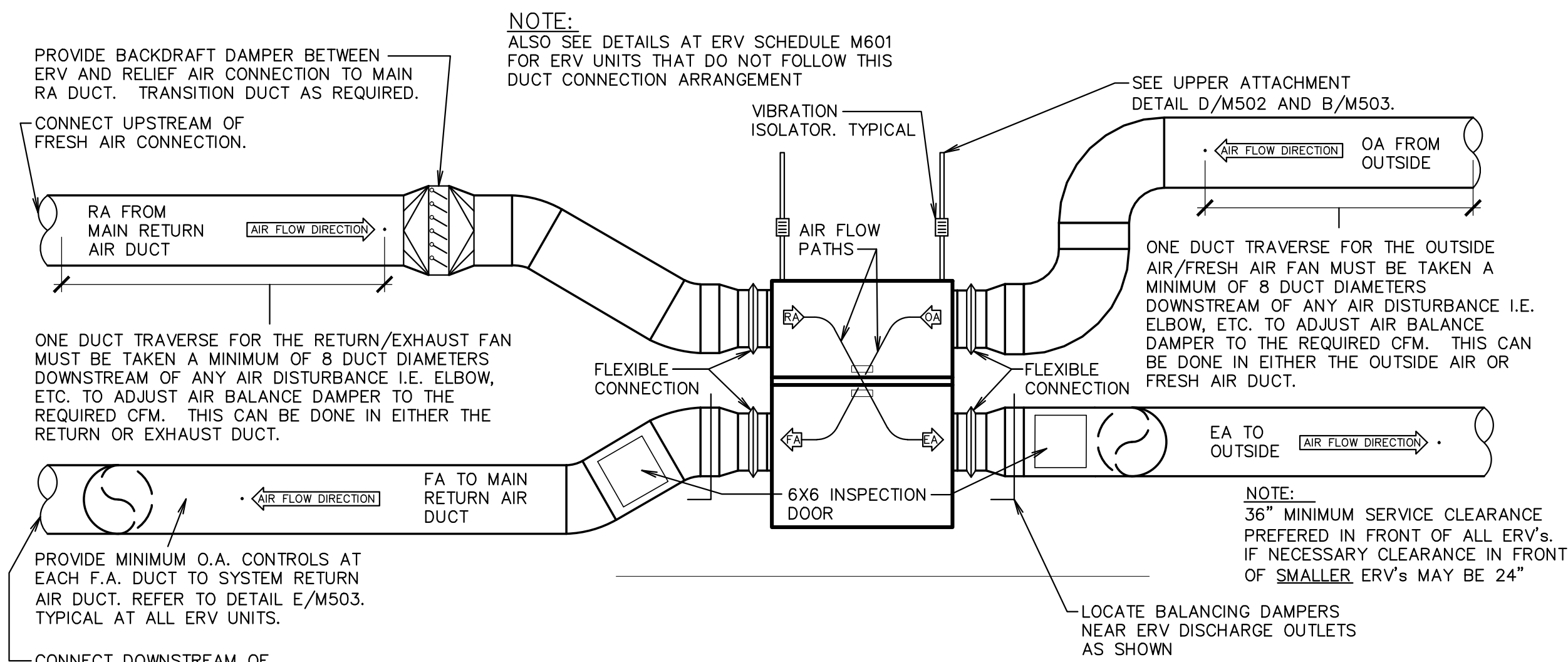
E DUCT STRAP HANGER DETAIL
SCALE: NONE



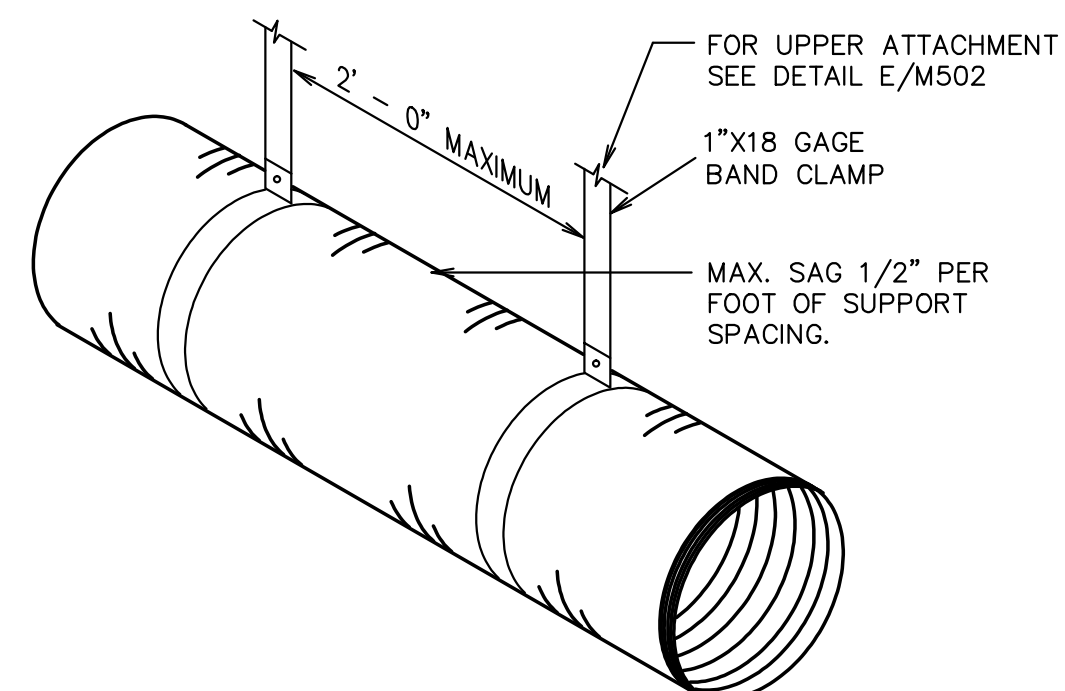
C DUCT LINER DETAIL
SCALE: NONE



F SQUARE TO ROUND TAKE-OFF DETAIL
SCALE: NONE

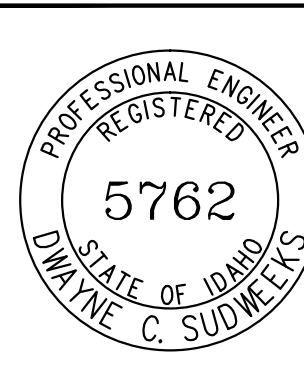


H TYPICAL ERV DAMPERING DETAIL
SCALE: NONE



J FLEXIBLE DUCT SUPPORT DETAIL
SCALE: NONE

ORIGINAL DRAWING SIGNED BY: DWAYNE C. SUDWEEKS
DATE ORIGINAL SIGNED: Nov 29, 2017
ORIGINAL ON FILE AT ENGINEERED SYSTEMS ASSOCIATES
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New Building for:
Thunder Ridge Sr. Seminary S&I
Project Address

Project for:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

Mark	Date (y-m-d)	Description

Project Number:
16059
Plan Series:
SEM07-04-10
Property Number:

Sheet Title:
MECHANICAL DETAILS

Sheet:
M502