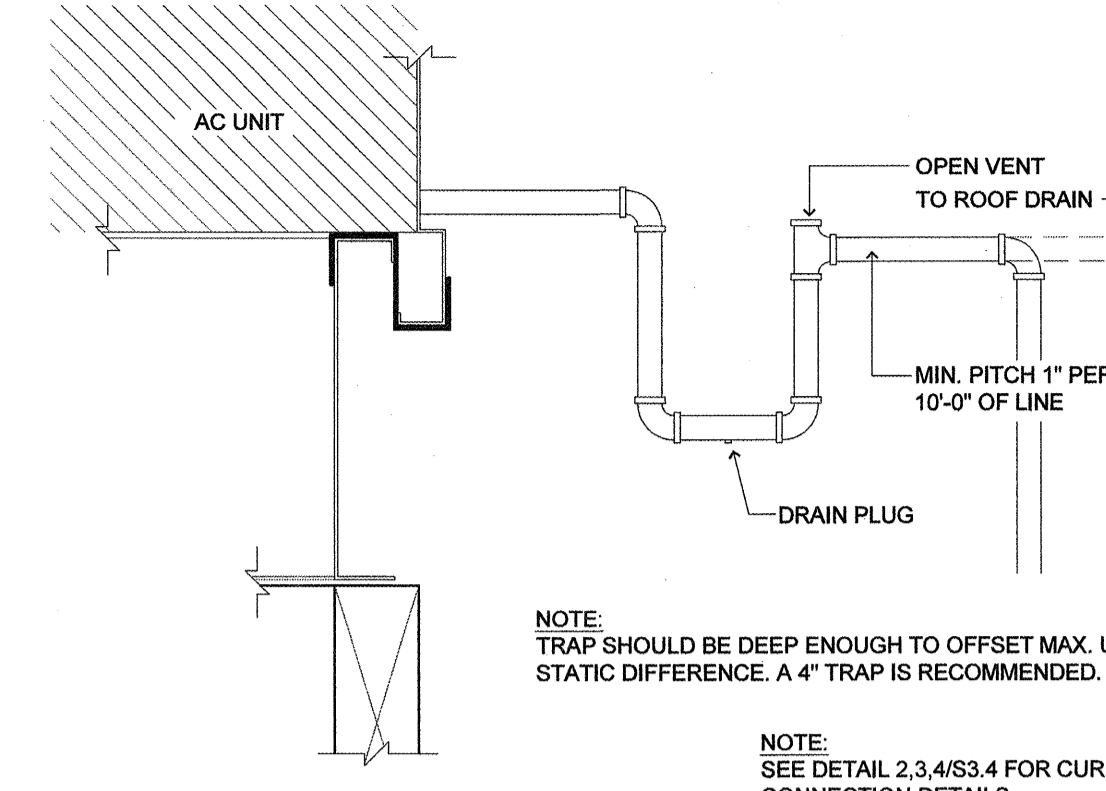
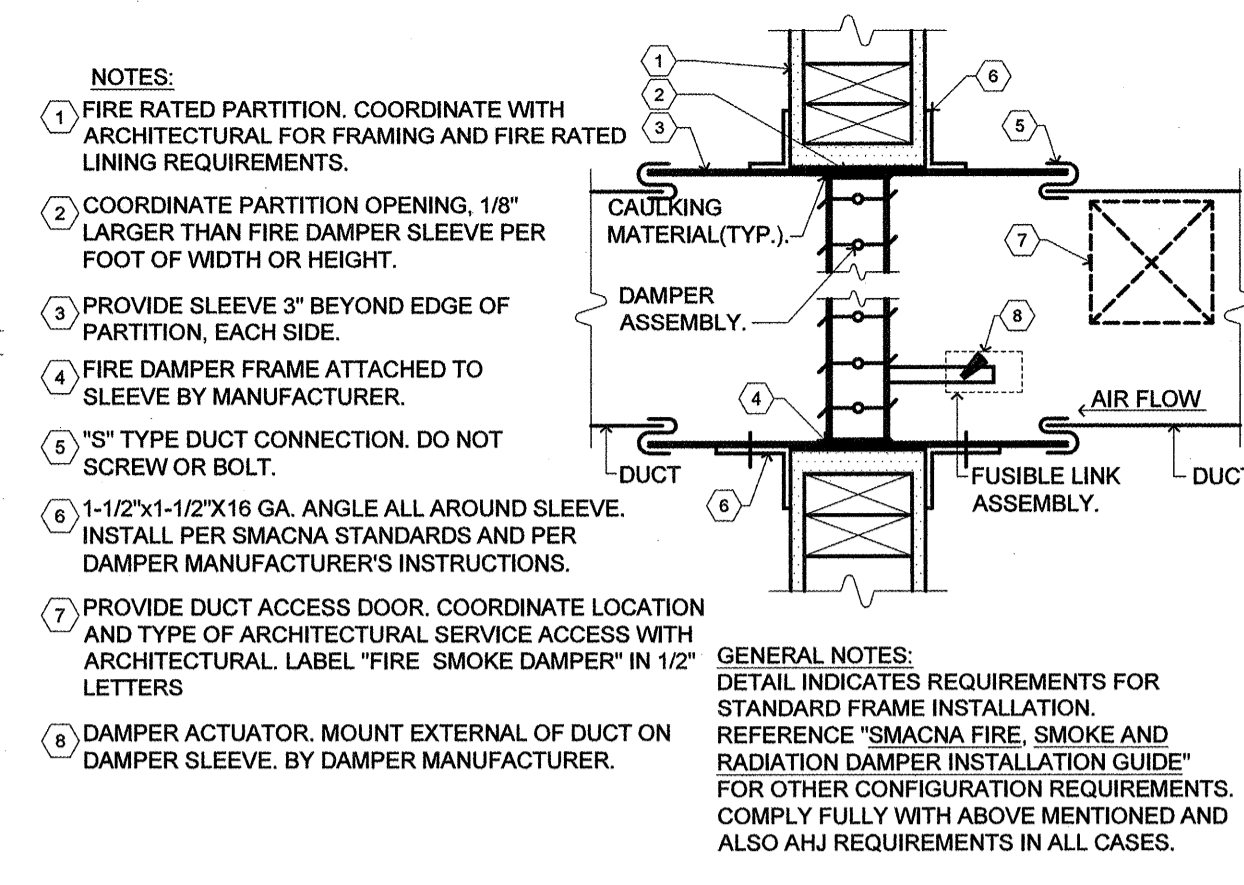


14 SCHEMATIC - SECTION AT CORRIDOR WOOD CONSTRUCTION
(ALL TRADES TO COORDINATE AVAILABLE SPACE)
SCALE: N.T.S.



7 ROOFTOP A/C UNIT
(TRAP CONDENSATE DRAIN)
SCALE: 3"=1'-0"



3 FIRE SMOKE DAMPER
(DUCT MOUNTED)
SCALE: N.T.S.

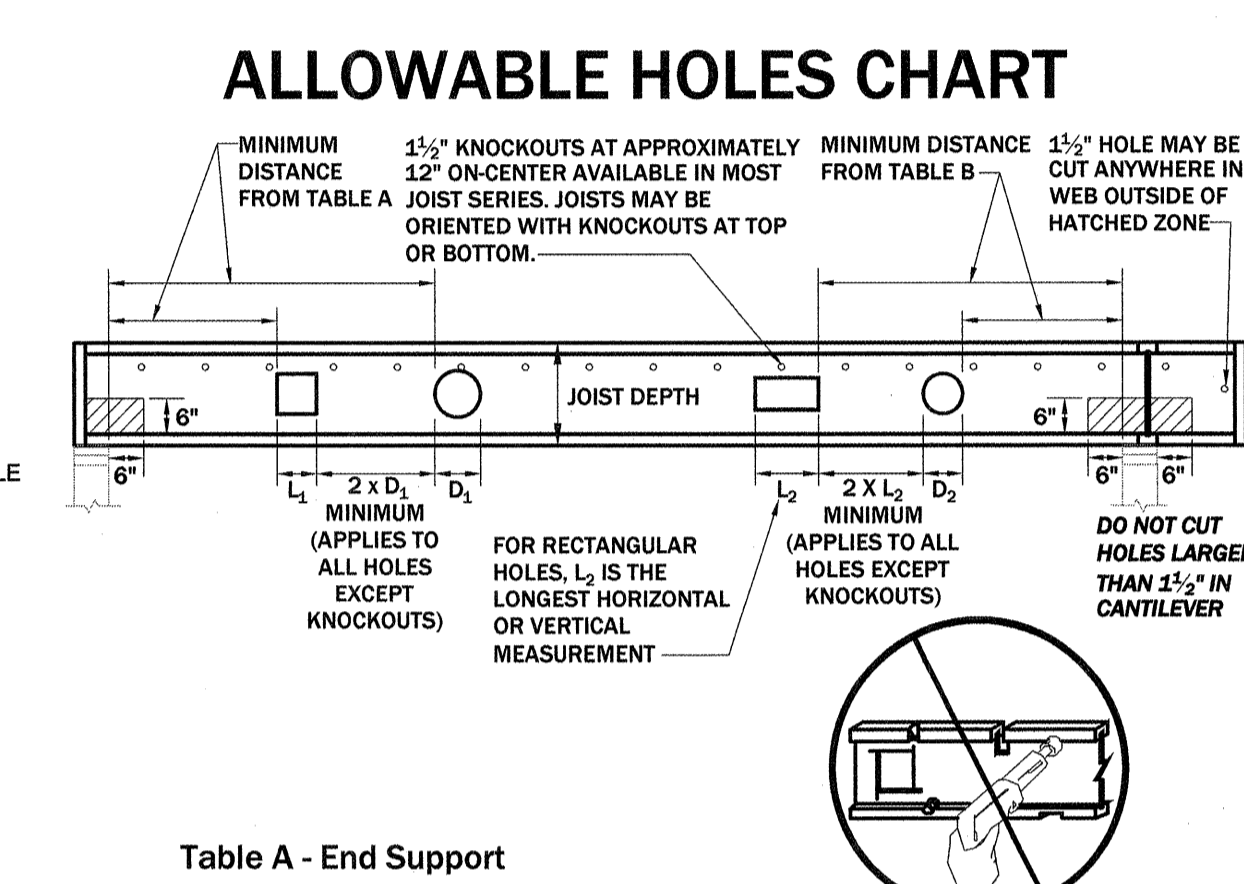
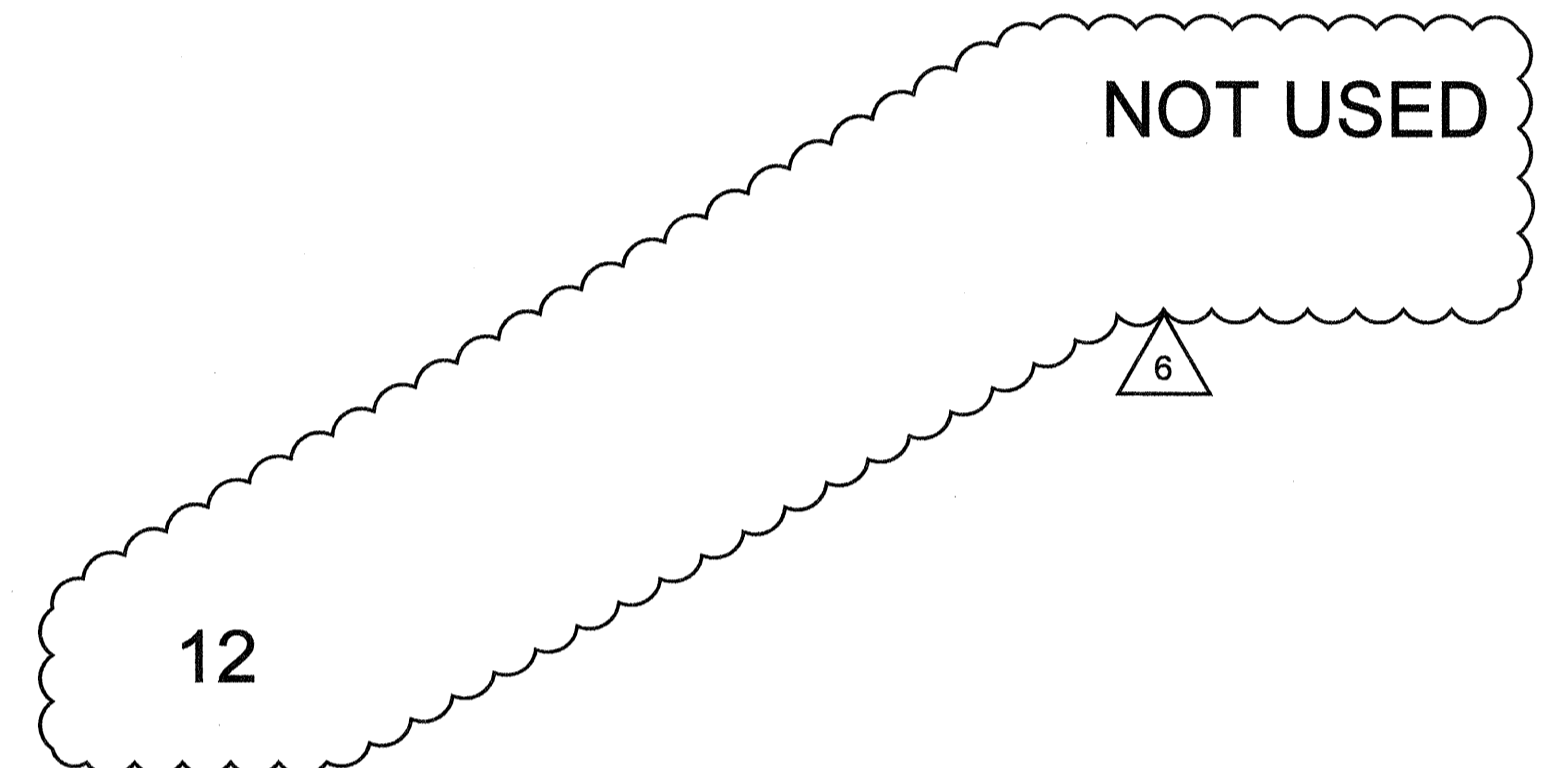


Table A - End Support
Minimum distance from edge of hole to inside face of nearest end support

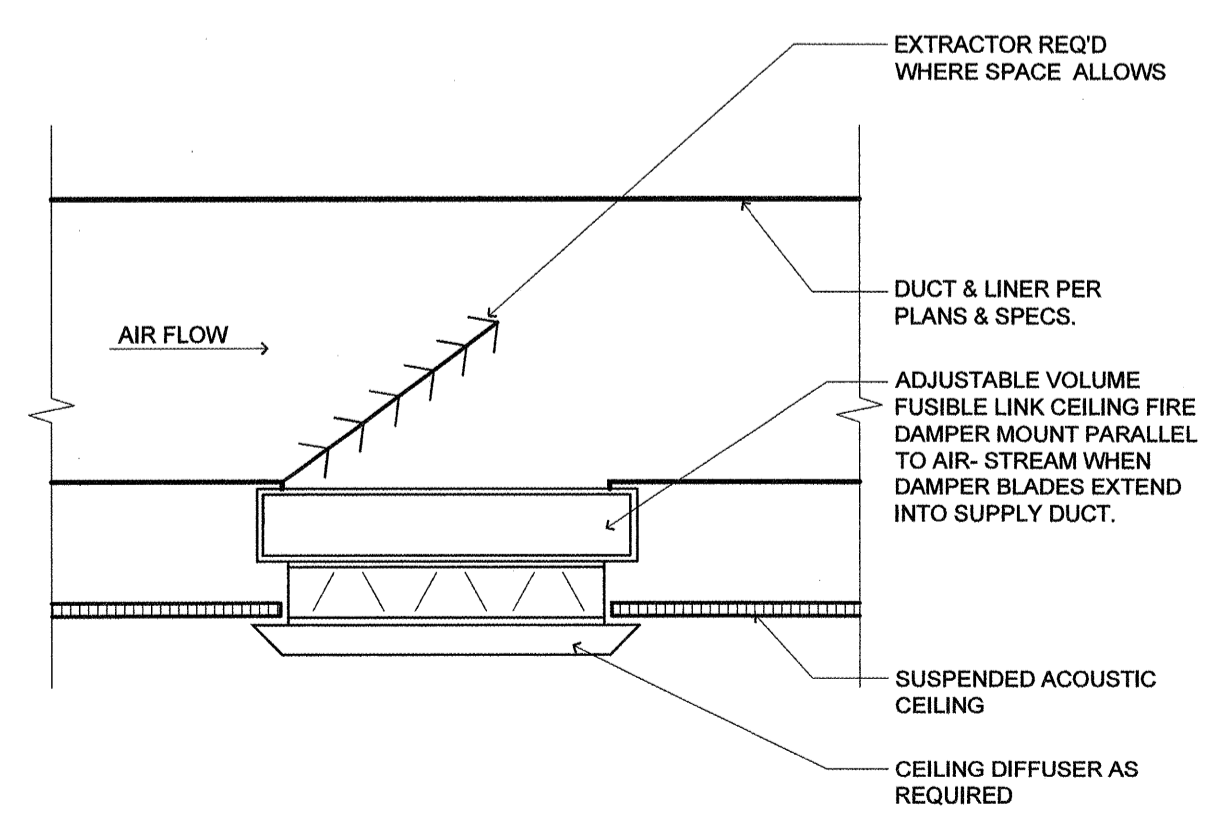
Joist Depth	Joist Series	Round Hole Size									
		2"	4"	6"	8"	10"	12"	14"	16"	18"	20"
9 1/2"	145 / 165	1'-6"	3'-0"	5'-0"	-	-	-	-	-	-	-
	18"	1'-0"	1'-0"	2'-6"	5'-0"	7'-0"	9'-6"	12'-6"	-	-	-

Table B - Intermediate or Cantilever Support
Minimum distance from edge of hole to inside face of nearest intermediate or cantilever support

Joist Depth	Joist Series	Round Hole Size									
		2"	4"	6"	8"	10"	12"	14"	16"	18"	20"
9 1/2"	145 / 165	1'-6"	4'-0"	6'-6"	-	-	-	-	-	-	-
	18"	1'-0"	1'-0"	2'-6"	5'-6"	9'-0"	12'-6"	17'-0"	-	-	-

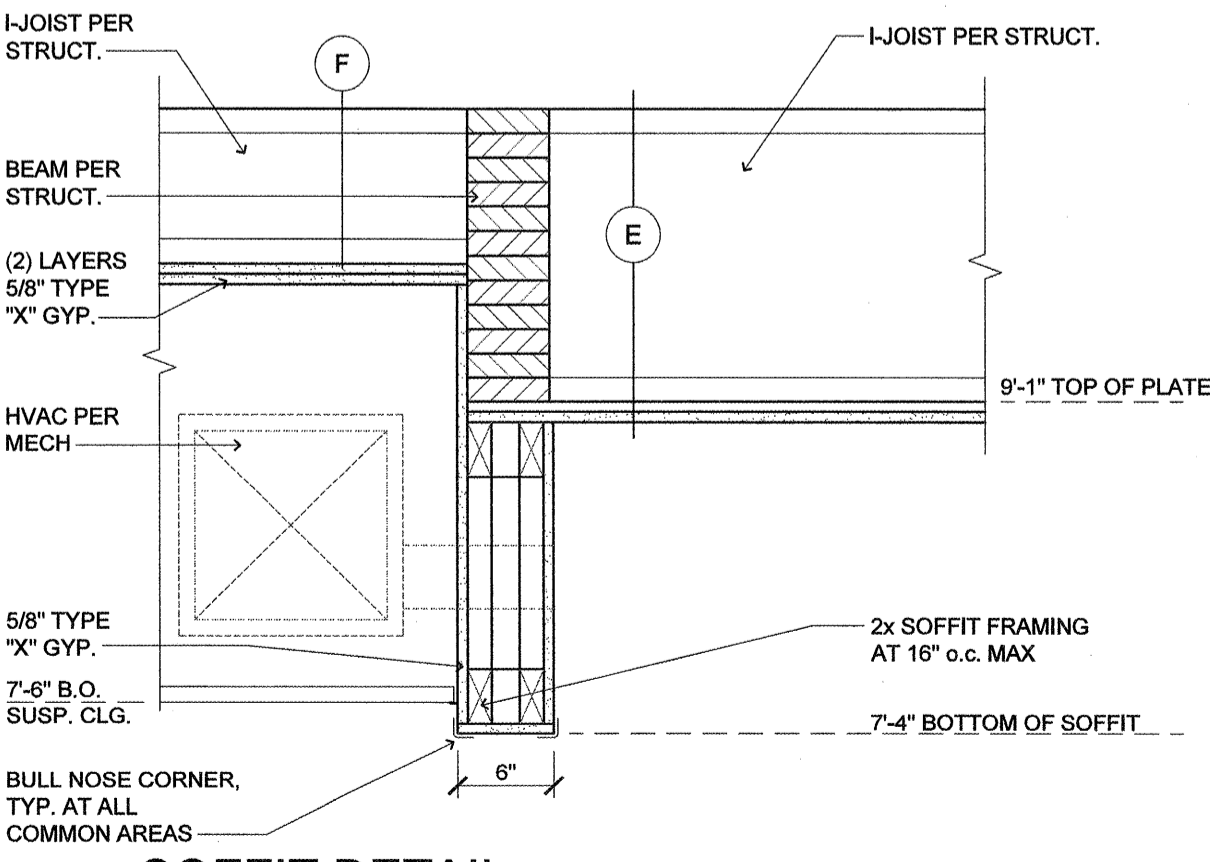


11 FIRE DAMPER ACCESS DOOR
SCALE: N.T.S.



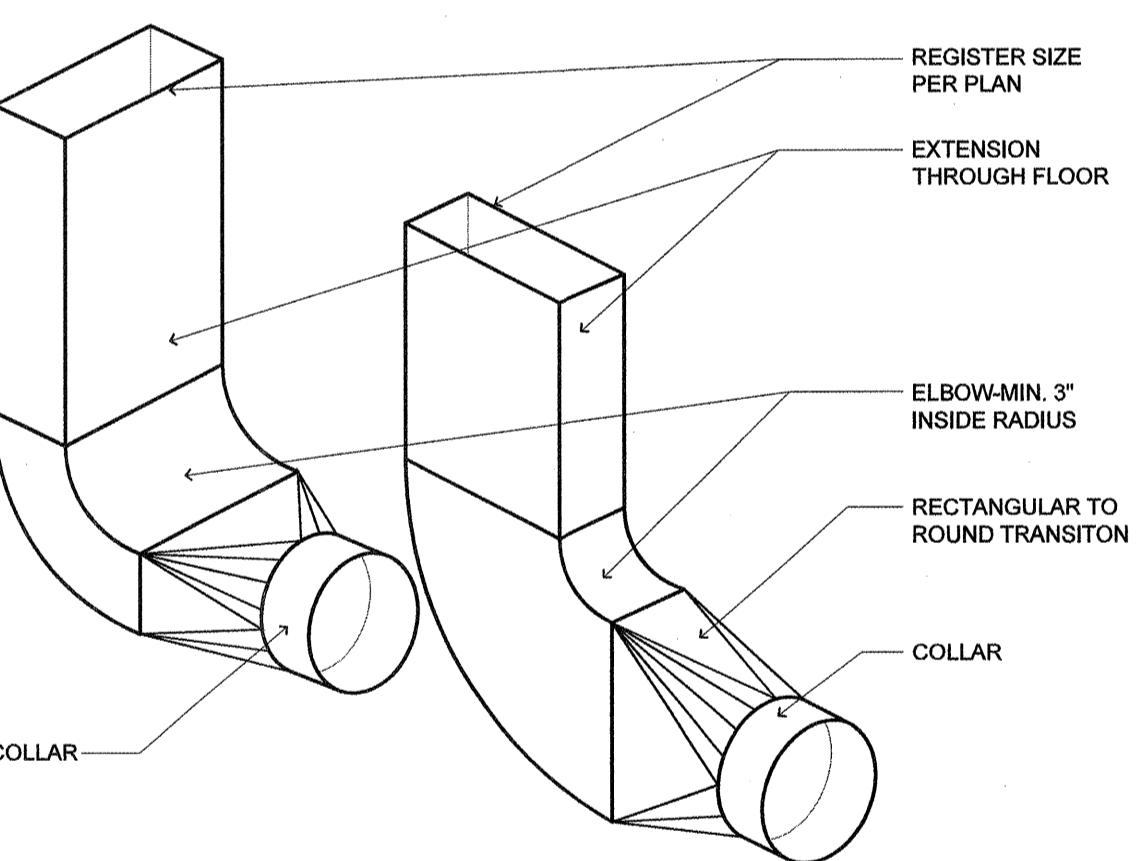
10 CEILING DIFFUSER
(DUCT MOUNTED)
SCALE: NOT TO SCALE

9 UNIT CURB
(W/ SEISMIC CLIP SUPPORT)
SCALE: N.T.S.

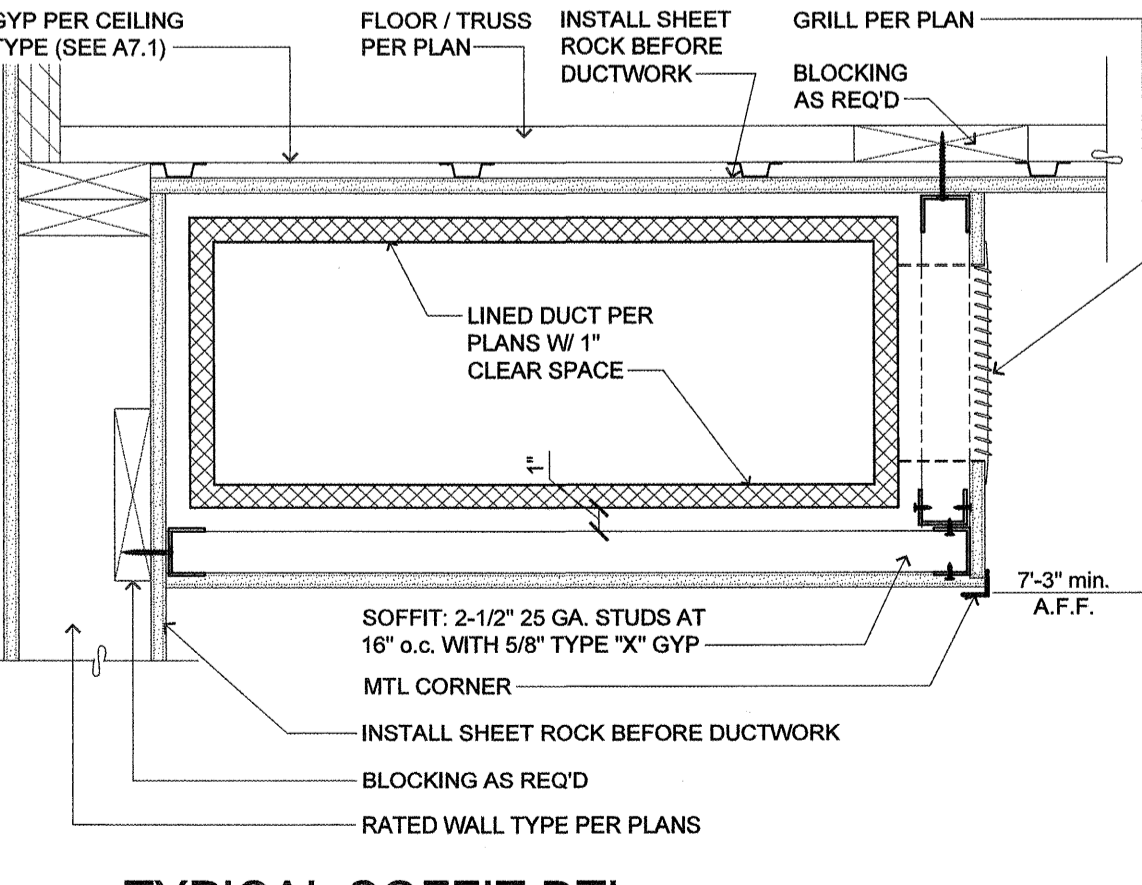


8 SOFFIT DETAIL
(TV ROOM)
SCALE: 1"=1'-0"

6 CEILING AIR TERMINAL FIRE DAMPER
SCALE: N.T.S.

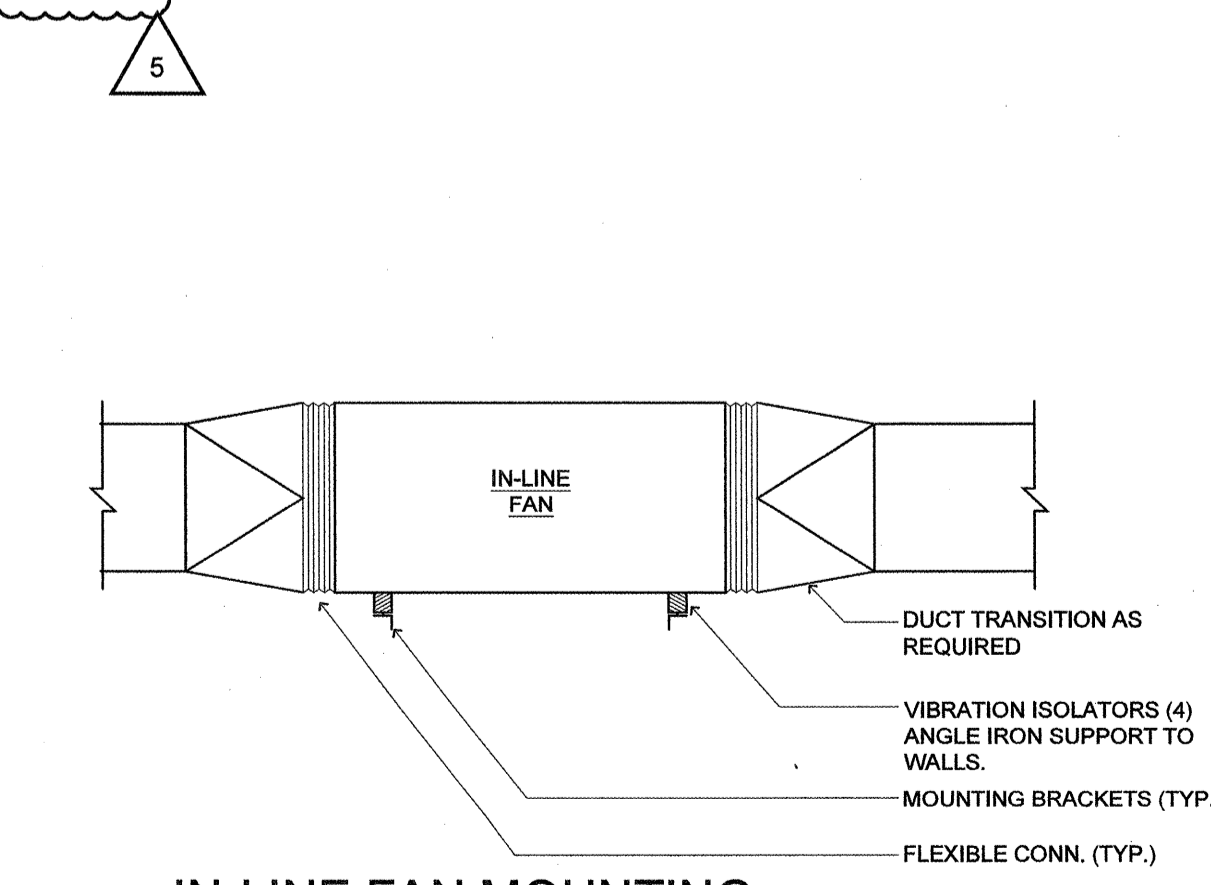


5 DUCT CONNECTION
(RECTANGLE TO ROUND)
SCALE: N.T.S.



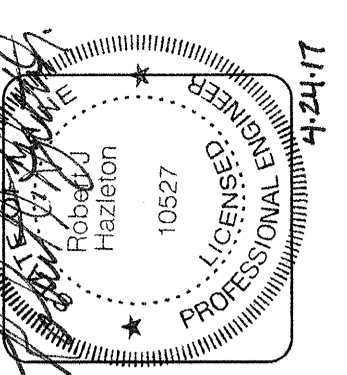
4 TYPICAL SOFFIT DTL.
SCALE: 1-1/2" = 1'-0"

2 INSTALLATION DETAIL
(I-JOIST ALLOWABLE HOLE CHART)
SCALE: NOT TO SCALE



1 IN-LINE FAN MOUNTING
SCALE: NOT TO SCALE (1:1)

NOTE: PENETRATIONS OF AREA SEPARATION WALLS SHALL BE PROTECTED WITH THROUGH-PENETRATION FIRE STOPS AND MEMBRANE PENETRATION FIRE STOPS



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HVAC DETAILS

DATE: 8/28/2015
REVISED DATE: 9/22/2015
2/2/2016
DATE: 6/7/18/2016
SHEET: M4.1