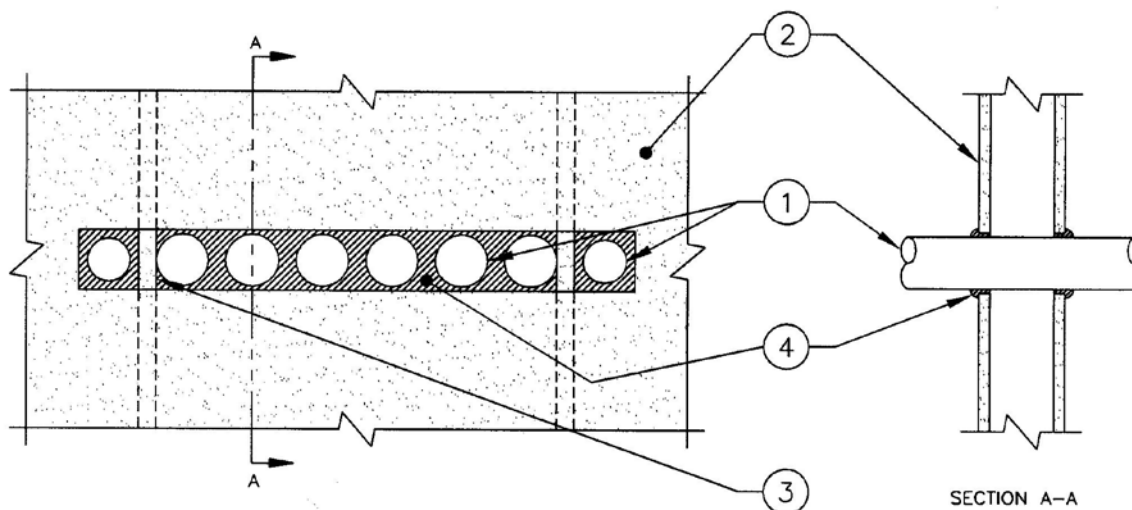


Grabber Construction Products, Inc.
Design No. JWA/PV 60-03
Vertical Wall Assembly, Multiple Penetrations
GrabberGard EFC and GrabberGard IFC
Test Standards: ASTM E814, UL 1479, ULC S115
Positive Pressure Differential – 2.5 pa (0.01 in. of water) Minimum
Rating: 1 Hour

Penetrating Material & Size	Max Size Area	Annular Space	ASTM 814/UL1479		ULC S115-M95	
			"F" Rating	"T" Rating	"F" & "FH" Rating	"FT" Rating
Copper Pipe up to 3"	32" x 3-1/2"	0" – 3/4"	60 minutes	20 minutes	60 minutes	20 minutes
Cast Iron Pipe up to 3"	32" x 3-1/2"	0" – 3/4"	60 minutes	20 minutes	60 minutes	20 minutes
Steel Pipe up to 3"	32" x 3-1/2"	0" – 3/4"	60 minutes	20 minutes	60 minutes	20 minutes



- 1. PENETRATING ITEM:** Centered or offset in hole, see table above. Multiple penetrations, max. hole size not to exceed table above.
- 2. WALL ASSEMBLY:** Code conforming 1 hour rated nominal 2 in. x 4 in. metal or wood framed gypsum wallboard (GWB) wall assemblies.
- 3. WALL ASSEMBLY:** Where studs are exposed through opening, a min. 5/8 in. thick Type X gypsum wallboard to be fastened to exposed area on both sides of wall.

- 4. FIRESTOP SYSTEM, COMPONENT 1:** Grabber Construction Products, Inc. – GrabberGard EFC* or GrabberGard IFC* installed at a min. thickness of 5/8 in. (18mm) within the annulus on both surfaces of wall assembly. Between 0 in. – 1/2 in. (12mm) annulus spaces, a 1/2 in. (13mm) diameter fillet bead must be placed around the penetrating item.

*WH Labeled Component