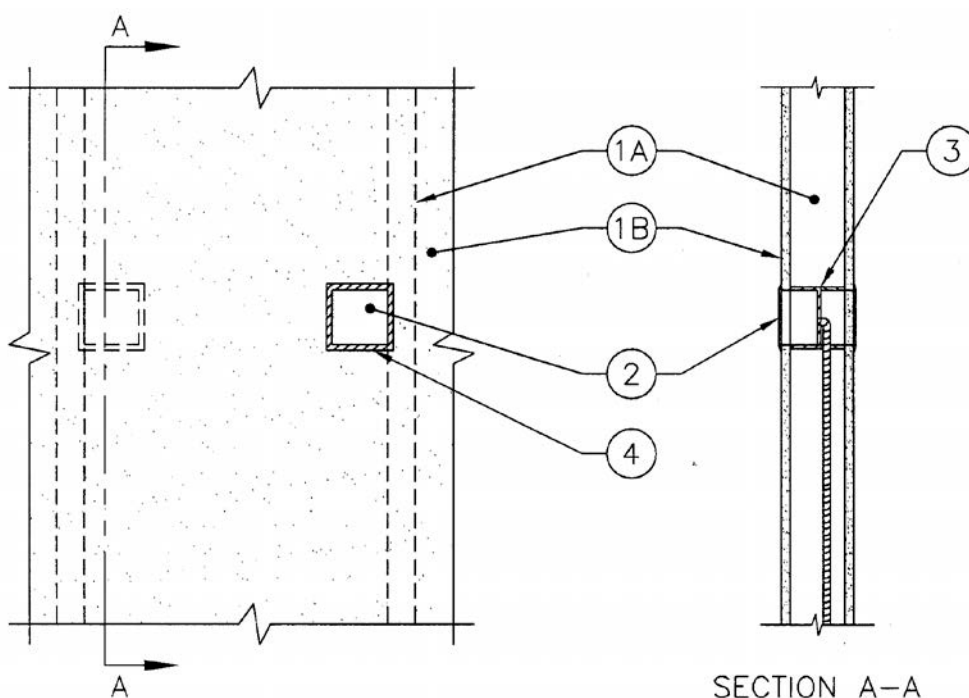


Grabber Construction Products, Inc.
Design No. JWA/PV 60-05
Wall Opening Protection
GrabberGard EFC and GrabberGard IFC
Test Standards: ASTM E119, UL 263, CAN/ULC S101
Positive Pressure Differential – 2.5 pa (0.01 in. of water) Minimum
Rating: 1 Hour

Metallic Outlet Box Size	Max Opening Size	Annular Space	"F" Rating	"T" Rating	"FTH" Rating
Max. 4 in. x 4 in. (102mm x 102mm)	20.3 sq in. (114.3 sq. mm)	1/4 in. (6.4mm)	1 hour	1 hour	1 hour



1. **WALL ASSEMBLY:** Code conforming 1 hour rated nominal 2 in. x 4 in. (39mm x 89mm) wood framed gypsum wallboard (GWB) wall and partition assemblies, and shall include the following construction features:

- A. **STUDS** – Wall framing shall consist of min. nominal 2 in. x 4 in. (39mm x 89mm) wood studs spaced max. 16 in. (406mm) on center (oc).
- B. **WALLBOARD, GYPSUM** – Thickness, type, number of layers and fasteners as specified in the individual wall and partition design.

2. **PARTIAL PENETRANTS:** Max. 4 in. x 4 in. (102mm x 102mm) metallic outlet box with steel cover, installed either concentrically or eccentrically within the wall opening, on opposing studs spaced max. 16 in. (406mm) oc. The annular space between electrical receptacle outlet box and periphery of opening shall be min. 0 in. (0mm) (point contact) to max. 1/4 in. (6.4mm).



- 3. FILL, VOID OR CAVITY MATERIAL:** PFP Partners – MP1 – Putty Pad* – Min. 1/8 in. (3.2mm) thick moldable putty pads are to be installed to completely cover the exterior surfaces of the outlet box (except for the side of the outlet box against the stud) and completely seal against the stud within the stud cavity. An additional 3/4 in. (19mm) ball of putty pad material used to plug the end of each electrical metallic tube or conduit at its connection to the box. When moldable putty pad outlet box protective material is used on boxes on both sides of wall as directed, the horizontal separation between

boxes on opposite sides of the wall may be less than 16 in. (406mm) provided that the boxes are not installed back to back.

- 4. FIRESTOP SYSTEM, COMPONENT:** Grabber Construction Products, Inc. – GrabberGard EFC* or GrabberGard IFC* – Min. 1/4 in. (6.4mm) diameter bead of fill material applied within the annulus around the perimeter of the electrical box and the gypsum wallboard interface.

*WH Labeled Component