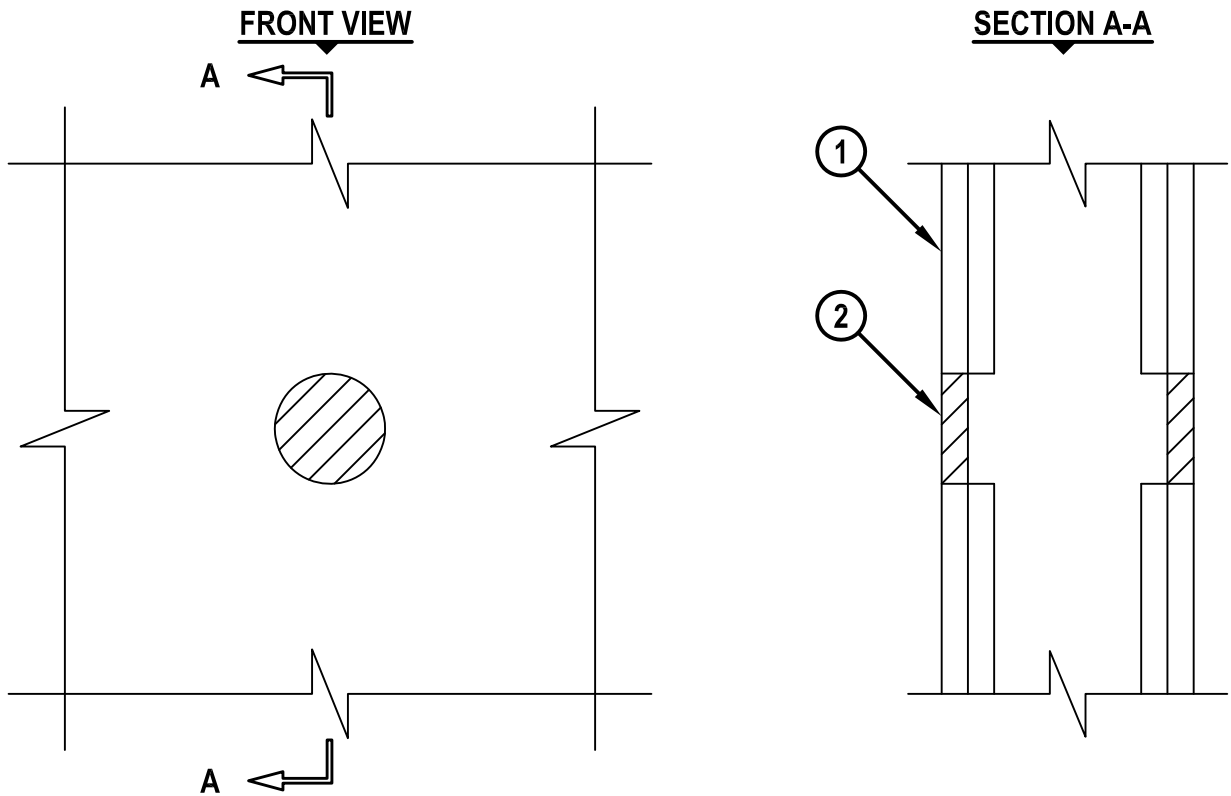


# BLANK OPENING THROUGH GYPSUM WALL ASSEMBLY

F-RATING = 1-HR. OR 2-HR.  
 FT-RATING = 1/4-HR. OR 1/2-HR.  
 FH AND FTH-RATINGS = 0-HR.

cUL WL0005b.011715



1. GYPSUM WALL ASSEMBLY (UL/cUL CLASSIFIED U300, U400, OR V400 SERIES) (1-HR. OR 2-HR. FIRE-RATING) (2-HR. SHOWN) TO INCLUDE THE FOLLOWING CONSTRUCTION FEATURES :
  - A. [NOT SHOWN] WOOD STUDS TO CONSIST OF NOMINAL 2" x 4" LUMBER (SPACED MAXIMUM 16" OC). STEEL STUDS TO BE MINIMUM 3-1/2" WIDE (SPACED MAXIMUM 24" OC).
  - B. NOMINAL 5/8" THICK GYPSUM WALLBOARD. TYPE, NUMBER OF LAYERS, AND SHEET ORIENTATION AS SPECIFIED IN THE INDIVIDUAL UL DESIGN.
2. MINIMUM 5/8" DEPTH HILTI FS-ONE MAX OR FS-ONE INTUMESCENT FIRESTOP SEALANT FLUSH WITH EACH SIDE OF WALL.

**NOTE : MAXIMUM DIAMETER OF OPENING = 2-5/8".**

 <b>Hilti Firestop Systems</b>	HILTI, Inc. Tulsa, Oklahoma USA (800) 879-8000	Sheet <span style="float: right;">1 of 1</span>	Drawing No.	
			Scale <span style="float: right;">7/32" = 1"</span>	<b>cUL</b>
			Date <span style="float: right;">Jan. 17, 2015</span>	<b>WL0005b</b>
<b><i>Saving Lives through Innovation and Education</i></b>				