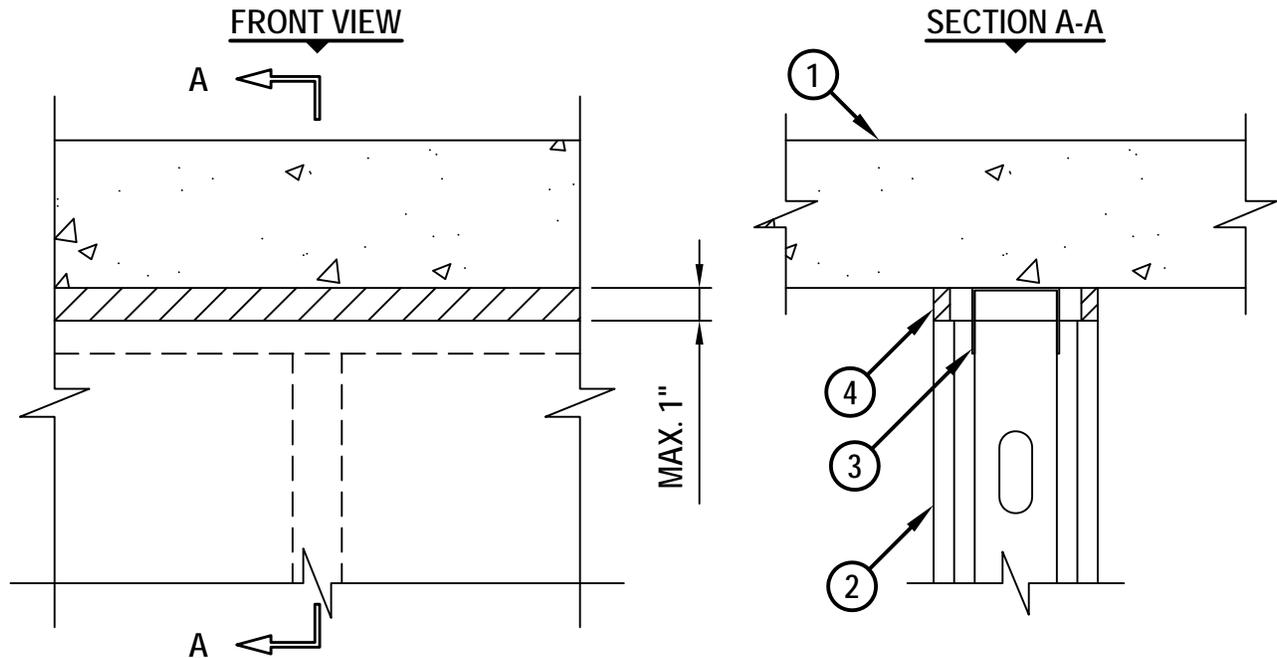


TOP OF WALL JOINT : GYPSUM WALL ASSEMBLY

ASSEMBLY RATING = 1-HR. OR 2-HR.

CLASS II AND CLASS III MOVEMENT CAPABILITIES - 25% COMPRESSION OR EXTENSION



HWD0702a.010814

1. CONCRETE FLOOR ASSEMBLY (1-HR. OR 2-HR. FIRE-RATING) :
 - A. LIGHTWEIGHT OR NORMAL WEIGHT CONCRETE FLOOR (MINIMUM 4-1/2" THICK).
 - B. ANY UL/cUL CLASSIFIED PRE-CAST HOLLOW CORE CONCRETE FLOOR (MINIMUM 6" THICK).
2. GYPSUM WALL ASSEMBLY (UL/cUL CLASSIFIED U400 OR V400 SERIES) (1-HR. OR 2-HR. FIRE-RATING) (2-HR. SHOWN).
3. CEILING RUNNER (MIN. 26 GA., 2" FLANGES) FASTENED TO UNDERSIDE OF CONCRETE FLOOR WITH STEEL FASTENERS (SPACED MAX. 24" OC) (SEE NOTE NO. 2 BELOW).
4. MINIMUM 1/2" DEPTH HILTI CFS-S SIL GG FIRESTOP SILICONE SEALANT FLUSH WITH BOTH SURFACES OF WALL.

- NOTES :
1. MAXIMUM WIDTH OF JOINT = 1".
 2. AS AN ALTERNATE TO CEILING RUNNER IN ITEM NO. 3, SLOTTED CEILING RUNNERS MAY BE USED. CONSULT THE UL FIRE RESISTANCE DIRECTORY FOR APPROVED MANUFACTURERS.
 3. [OPTIONAL, NOT SHOWN] MINERAL WOOL, FIBERGLASS, OR POLYURETHANE/POLYETHYLENE FOAM BACKER ROD MAY BE USED AS A BACKER IN 2-HR. WALLS.
 4. [OPTIONAL, NOT SHOWN] BOND BREAKER TAPE MAY BE USED IN 1-HR. OR 2-HR. WALLS.



HILTI, Inc.
Tulsa, Oklahoma USA (800) 879-8000

Sheet	1 of 1
Scale	11/64" = 1"
Date	Jan. 08, 2014

Drawing No.
**HWD
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