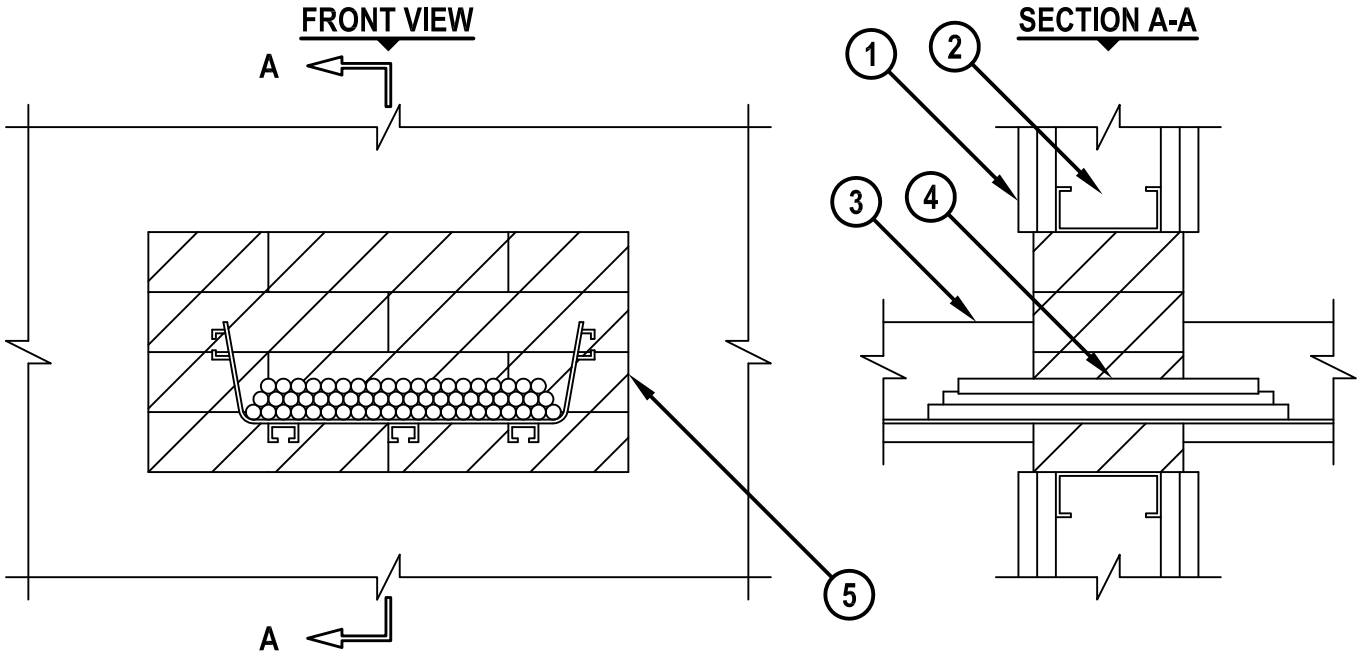
UL/cUL SYSTEM NO. W-L-6017

FIBER OPTIC TRAY THROUGH GYPSUM WALL ASSEMBLY

F-RATING = 1-HR. OR 2-HR.
T-RATING = 1-HR. OR 1 1/2-HR.

WL6017e.020916



1. GYPSUM WALL ASSEMBLY (UL CLASSIFIED U300 OR U400 SERIES) (1-HR. OR 2-HR. FIRE-RATING) (2-HR. SHOWN).
2. WOOD STUDS TO CONSIST OF NOMINAL 2" x 4" LUMBER. STEEL STUDS TO BE MINIMUM 2-1/2" WIDE. OPENING TO BE COMPLETELY "FRAMED-OUT".
3. MAXIMUM 12" x 4" FIBER OPTIC CABLE TRAY (ABS) WITH OPTIONAL COVER PLATE (SEE NOTE NO. 4 BELOW).
4. MAXIMUM 1/2" DIAMETER FIBER OPTIC CABLES WITH PVC JACKET, MAY BE INSTALLED WITHIN CABLE TRAY. CABLES TO FILL MAXIMUM 40% OF CROSS-SECTIONAL AREA OF FIBER OPTIC CABLE TRAY.
5. HILTI CFS-BL FIRESTOP BLOCK (2" THICK x 8" WIDE x 5" DEEP, REFERENCE : FRONT VIEW) FIRMLY PACKED AND CENTERED WITH THE OPENING.

NOTES : 1. MAXIMUM SIZE OF OPENING = 128 SQ. IN. WITH A MAXIMUM DIMENSION OF 16".
2. ANNULAR SPACE = MINIMUM 0", MAXIMUM 4".
3. FOR WALLS CONSTRUCTED OF STEEL STUDS LARGER THAN 3-5/8", FIRESTOP BLOCKS SHALL BE INSTALLED 8" DEEP, RECESSED UP TO A MAXIMUM 1/2" FROM OUTER WALL SURFACES.
4. WHEN OPTIONAL COVER PLATE IS USED, FIRESTOP BLOCKS SHALL BE PLACED WITHIN THE FIBER OPTIC CABLE TRAY TO FILL VOID.
5. APPLY HILTI FS-ONE MAX INTUMESCENT FIRESTOP SEALANT, HILTI CP 618 FIRESTOP PUTTY STICK, HILTI CP 620 FIRE FOAM, OR HILTI CP 660 FIRESTOP FOAM INTO ANY VOID THAT MAY EXIST (AROUND PENETRANTS, INTO INTERSTICES OF CABLES, OR BETWEEN FIRESTOP BLOCKS), TO MAXIMUM EXTENT POSSIBLE.

Hilti Firestop Systems

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Sheet	1 of 1
Scale	5/32" = 1"
Date	Feb. 09, 2016

Drawing No. WL 6017e

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