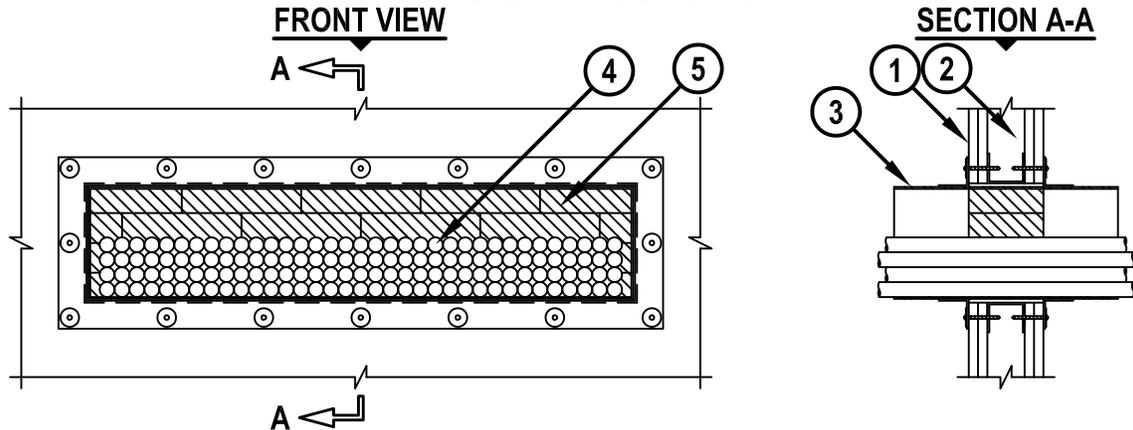


CABLES THROUGH CABLOFIL, INC. STEEL SLEEVE IN GYPSUM WALL ASSEMBLY

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



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1. GYPSUM WALL ASSEMBLY (UL/cUL CLASSIFIED U300, U400, V400, OR W400 SERIES) (2-HR. FIRE-RATING).
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 37" x 7" TYPE P-W STEEL SLEEVE (MINIMUM 14 GA.) MANUFACTURED BY CABLOFIL, INC., AND FASTENED TO BOTH SIDES OF WALL WITH 2-1/2" SELF-DRILLING DRYWALL SCREWS AND 1-1/4" DIAMETER STEEL WASHERS INSTALLED IN PRE- DRILLED HOLES SPACED MAXIMUM 7-1/2" O.C.
4. CABLES TO BE ANY COMBINATION OF THE FOLLOWING :
 - A. MAXIMUM 300 PAIR NO. 24 AWG TELEPHONE CABLE WITH PVC JACKET.
 - B. MAXIMUM 7/C NO. 12 AWG POWER CABLE WITH PVC JACKET.
 - C. MAXIMUM 500 KCMIL POWER CABLE WITH PVC JACKET.
 - D. MAXIMUM 1/2" DIAMETER FIBER-OPTIC CABLE (MAXIMUM 24 FIBER) WITH PVC JACKET.
 - E. MAXIMUM 3/C NO. 12 AWG STEEL CLAD CABLE.
5. HILTI CFS-BL FIRESTOP BLOCK (2" THICK x 8" WIDE x 5" DEEP, REFERENCE : FRONT VIEW) FIRMLY PACKED AND CENTERED WITHIN OPENING.

- NOTES :**
1. MAXIMUM SIZE OF OPENING WITH STEEL STUDS = 37" x 8", OR MAXIMUM SIZE OF OPENING WITH WOOD STUDS = MAXIMUM 12" x 8".
 2. ANNULAR SPACE BETWEEN STEEL AND PERIPHERY OF OPENING = MINIMUM 0", MAXIMUM 1".
 3. ANNULAR SPACE INSIDE SLEEVE = MINIMUM 0", MAXIMUM 5".
 4. CABLES TO FILL MAXIMUM 45% OF CROSS-SECTIONAL AREA OF THE STEEL SLEEVE.
 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.
 6. 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.



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Sheet	1 of 1
Scale	5/64" = 1"
Date	Feb. 09, 2016

Drawing No.
**WL
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