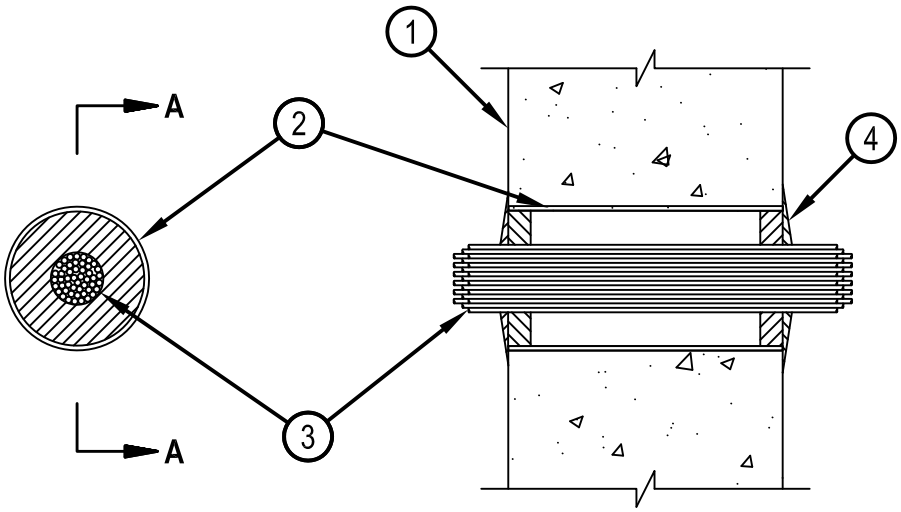
Classified by
Underwriters Laboratories, Inc.
to UL 1479 and CAN/ULC-S115

System No. W-J-3036

F Rating — 1 and 2 Hr
T Rating — 0 Hr



SECTION A-A

1. Wall Assembly — Min 5 in. thick reinforced lightweight or normal weight (100-150 pcf) concrete. Wall may also be constructed of any UL Classified Concrete Blocks*. Max diam of opening is 4 in.

See Concrete Blocks (CAZT) category in the Fire Resistance Directory for names of manufacturers.

2. Metallic Sleeve — The nominal 4 in. diam steel electrical metallic tubing (EMT) or Schedule 5 steel pipe friction fit into wall assembly and installed flush with wall surfaces.

3. Cables — Aggregate cross-sectional area of cables in cable tray to be max 25 percent of the cross-sectional area of the opening. The annular space between the cable bundle and the periphery of the opening to be min 1/8 in. to max 3/4 in. Cables to be rigidly supported on both sides of the wall assembly. Any combination of the following types and sizes of cables may be used:

A. 6 pair — No. 24 AWG telephone cable with polyvinyl chloride (PVC) insulation and PVC jacket.
B. 24 fiber optic cable with polyvinyl chloride (PVC) outer and subunit jacket.
C. Type RGU/59 coaxial cable with polyethylene (PE) insulation and polyvinyl (PVC) jacket.
D. The 2/C No. 10 AWG cable with ground with polyvinyl (PVC) insulation and jacket.
E. 3/C No. 12 AWG cable with polyvinyl chloride (PVC) insulation in a nominal 1/2 in. flexible metal conduit.

4. Fill, Void or Cavity Material* — Putty — Min 5/8 in. thickness of fill material applied within annulus flush with both surfaces of wall. Fill material to be forced into interstices of cable bundle to the max extent possible on both surfaces of wall. Additional fill material to be installed such that a min 1/4 in. crown is formed around the cable bundle and lapped over the steel sleeve.
HILTI CONSTRUCTION CHEMICALS, DIV OF
HILTI INC — CP618 Firestop Putty Stick

*Bearing the UL Classification Mark

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November 10, 1998