System No. F-A-2406

ANSI/UL1479 (ASTM E814)
F Rating — 2 Hr
T Rating – 0 Hr
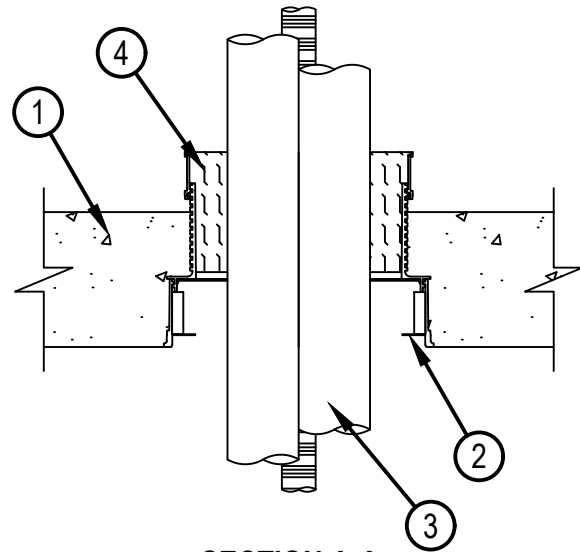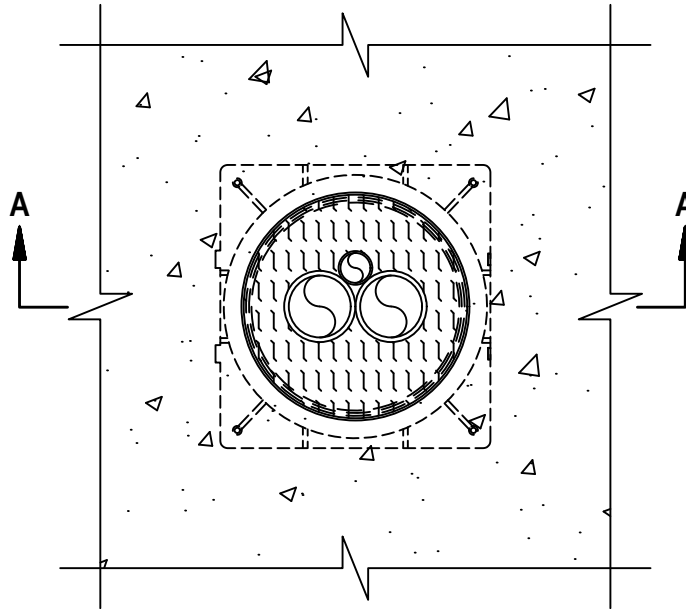
SECTION A-A

1. Floor Assembly — Min 4-1/2 in. (114 mm) thick reinforced lightweight or normal weight (100-150 pcf or 1600-2400 kg/m3) concrete.

2. Firestop Device* — Cast in place firestop device with optional accessories including sleeve extensions permanently embedded during concrete placement or grouted in concrete assembly in accordance with accompanying installation instructions with a max 2 in. (51 mm) projection above the top surface of the concrete.

    HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC — CFS-CID U 2", CFS-CID U 2" CA, CFS-CID U 3", CFS-CID U 4", CFS-CID U 6"

3. Through Penetrants — Nonmetallic pipe or conduit bundle consisting of max three nonmetallic pipes or conduit installed concentrically within the firestop system. Pipe or conduit to be rigidly supported on both sides of floor-ceiling assembly. The following types and sizes of nonmetallic pipes or conduits may be used:

    A. Polyvinyl Chloride (PVC) Pipe — Nom 2 in. (51 mm) diam (or smaller) Schedule 40 solid or cellular core PVC pipe for use in closed (process or supply) or vented (drain, waste or vent) piping systems.

    B. Chlorinated Polyvinyl Chloride (CPVC) Pipe — Nom 2 in. (51 mm) diam (or smaller) SDR13.5 CPVC pipe for use in closed (process or supply) piping systems.

    C. Electrical Nonmetallic Tubing (ENT)+ — Nom 1 in. (25 mm) diam (or smaller) ENT formed from PVC. ENT to be installed in accordance with Article 331 of the National Electrical Code (NFPA No. 70).

        See Electrical Nonmetallic Tubing (FKHU) category in the Electrical Construction Materials Directory for names of manufacturers.

4. Packing Material — Min 4 pcf (64 kg/m3) mineral wool batt insulation tightly packed into the device flush with the top surface of the device.

+Bearing the UL Listing Marking

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.