



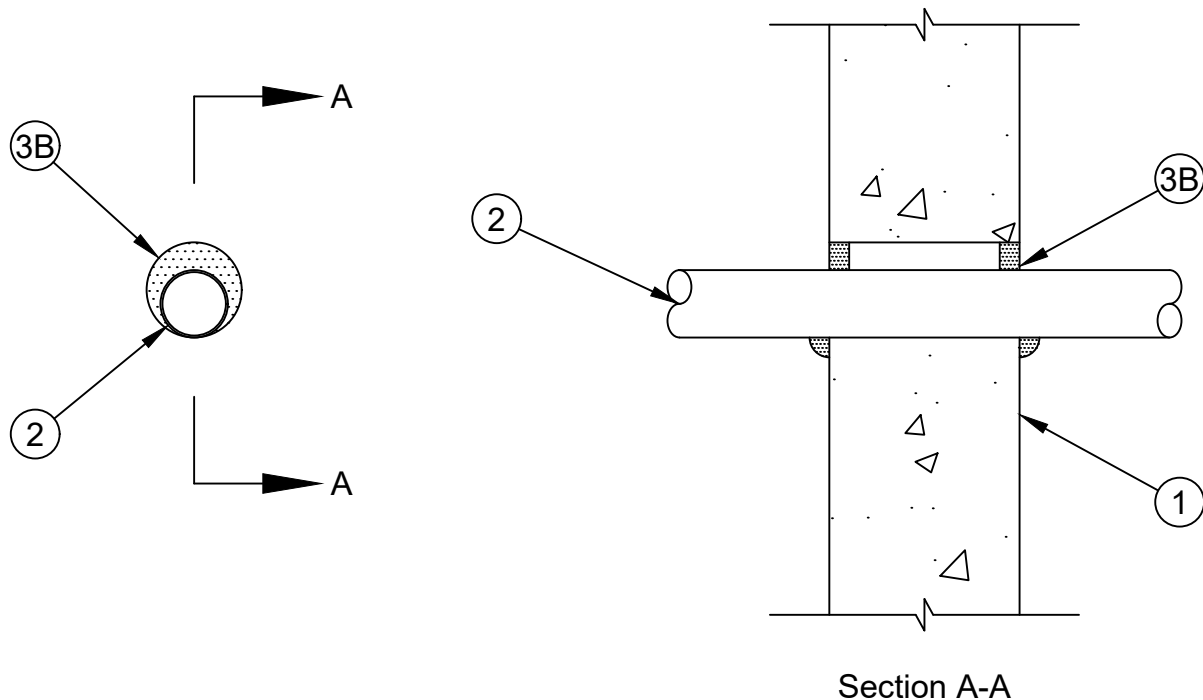
System No. W-J-2291

F Rating - 2 Hr

T Rating - 2 Hr

L Rating At Ambient - Less Than 1 CFM/sq ft

L Rating At 400 F - Less Than 1 CFM/sq ft



- 1. Wall Assembly** - Min 6 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 3 in.
See **Concrete Blocks** (CAZT) category in the Fire Resistance Directory for names of manufacturers.
- 2. Through Penetrant* - Cross Linked Polyethylene (PEX) Tubing** - Nom 2 in. (51 mm) diam (or smaller) SDR 9 PEX tubing for use in closed (process or supply) piping systems. One pipe to be installed concentrically or eccentrically within the firestop system. Annular space to be min 0 in. (point contact) to max 7/8 in. (22 mm). Penetrant to be rigidly supported on both sides of wall assembly.
- 3. Firestop System** - The firestop system shall consist of the following:
 - A. Packing Material** - (Optional, Not Shown) - Mineral wool batt insulation, foam backer rod or glass fiber insulation installed as a permanent form to facilitate installation of fill material (Item 3B). Packing material recessed from both surfaces of wall to accommodate the required thickness of fill material.
 - B. Fill, Void or Cavity Material* - Sealant** - Min 5/8 in. (16 mm) thickness of fill material applied within annulus, flush with both surfaces of wall assembly. At point contact location, min 3/8 in. (10 mm) diam bead of fill material applied at nonmetallic pipe/gypsum board interface on both surfaces of wall.

SPECIFIED TECHNOLOGIES INC - SpecSeal Series SSS Sealant or SpecSeal LCI Sealant

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



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