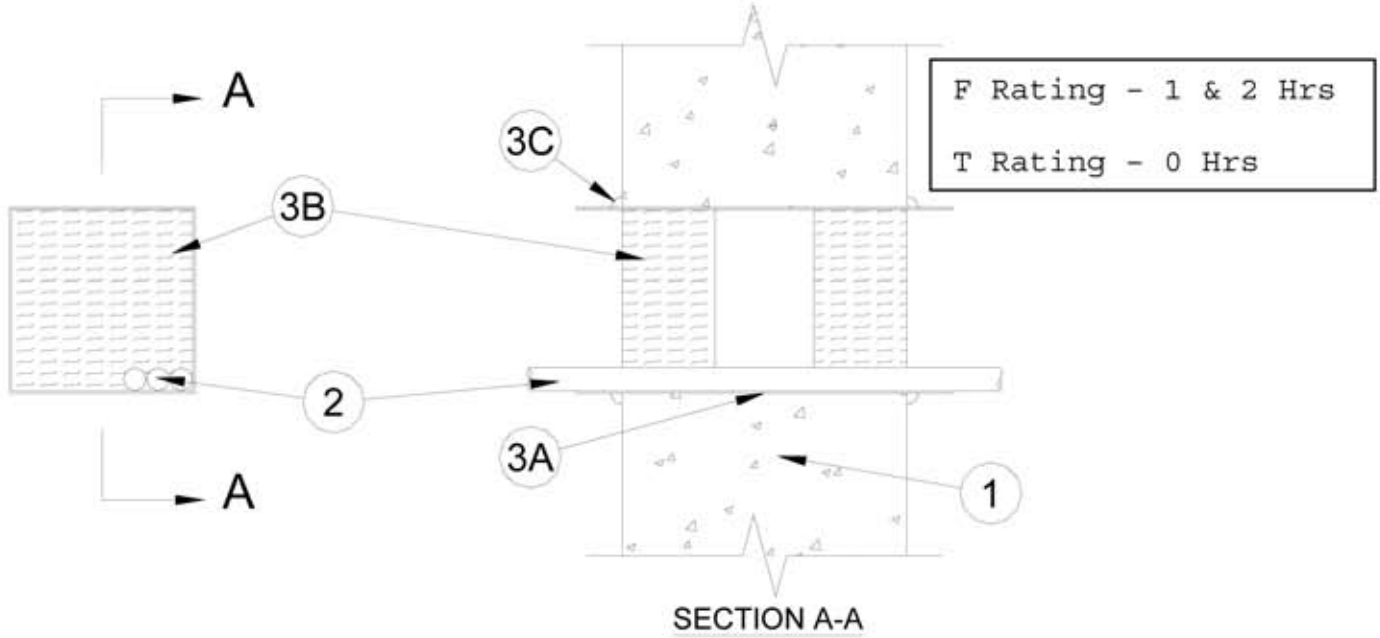
System No - W-J-3135



1. **Wall Assembly –** Min 4-7/8 in. or 6-1/8 in. thick lightweight or normal weight (100-150 pcf) concrete for 1 and 2 hr rated assemblies, respectively. Wall may also be constructed of any UL Classified **Concrete Blocks***. Max dimensions of opening are 4 in. by 4 in.

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

2. **Cables –** Aggregate cross-sectional area of cables in opening of firestop device (see item 3A) to be max 5 percent of the aggregate cross-sectional area of the device opening. Cables to be installed either concentrically or eccentrically within the device openings. The annular space shall be min 0 in. (point contact) to max 3-1/2 in. Cables to be rigidly supported on both sides of wall assembly. Any combination of the following types and sizes of cables may be used:
   A. Max 12/C No. 18 AWG (or smaller) cable with PVC insulation and jacket.
   B. Max 3/C No. 12 AWG (or smaller) with PVC insulation and jacket.
   C. Max 4 pair No. 24 AWG (or smaller) data cable with PVC insulation and jacket.
   D. Max 3 pair No. 2 AWG (or smaller) with PVC jacket and insulation.

3. **Firestop System –** The firestop system shall consist of the following:
   A. **Firestop Device* –** Galvanized steel cable transit interior-lined with an intumescent material sized to fit specific size of the opening installed in accordance with accompanying installation instructions.

   ABESCO LTD – CT120 Transit

   B. **Packing Material –** Min 2 in. thickness of nom 4.0 pcf mineral wool batt insulation firmly packed into the annulus between the cables and the transit flush with both surfaces of wall.
   C. **Fill, Void or Cavity Materials* –** Sealant - Min 1/4 in. thick bead of fill material applied around annulus at the firestop device / wall surface interface on both sides of wall.

   ABESCO LTD – FR Acrylic Intumescent Caulk

*Bearing the UL Classification Mark