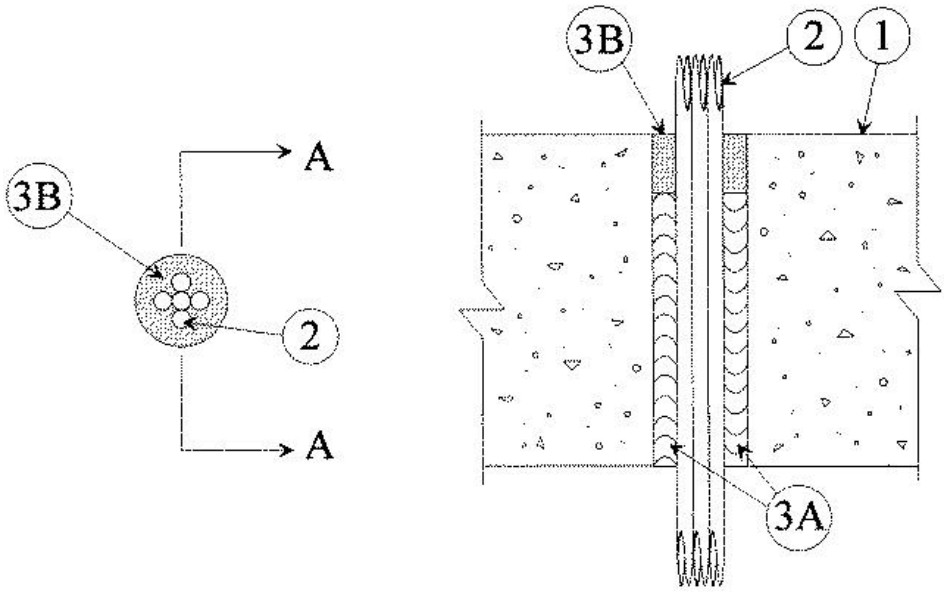
F Rating — 3 Hr
T Rating — 1 Hr



SECTION A-A

1. **Floor or Wall Assembly —** Min 4-1/2 in. thick reinforced lightweight or normal weight (100-150 pcf) concrete floor or min 5-1/2 in. thick reinforced lightweight or normal weight concrete wall. Wall may also be constructed of any UL Classified **Concrete Blocks*.** Max diam of opening is 2-1/2 in.
See **Concrete Blocks** (CAZT) category in the Fire Resistance Directory for names of manufacturers.

2. **Cables —** Aggregate cross-sectional area of cables in opening to be max 10 percent of the aggregate cross-sectional area of the opening. The space between cables and periphery of opening shall be min 1/2 in. to max 1 in. Cables to be rigidly supported on both sides of floor or wall assembly. The following type and size of copper conductor cables may be used:
A. Max 25 pair No. 24 AWG (or smaller) polyvinyl chloride (PVC) insulated and jacketed telephone cables.

3. **Firestop System —** The firestop system shall consist of the following:
A. **Packing Material —** Min 3-1/2 in. thickness of min 4.0 pcf mineral wool batt insulation firmly packed into opening as a permanent form. Packing material to be recessed from top surface of floor or from both surfaces of wall as required to accommodate the required thickness of fill material.

B. **Fill, Void or Cavity Material* — Putty —** Min 1 in. thickness of fill material applied within the annulus, flush with top surface of floor or with both surfaces of wall. Putty to be forced into interstices of cable group to max extent possible.
RECTORSEAL — Metacaulk Fire Rated Putty

*,+ 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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