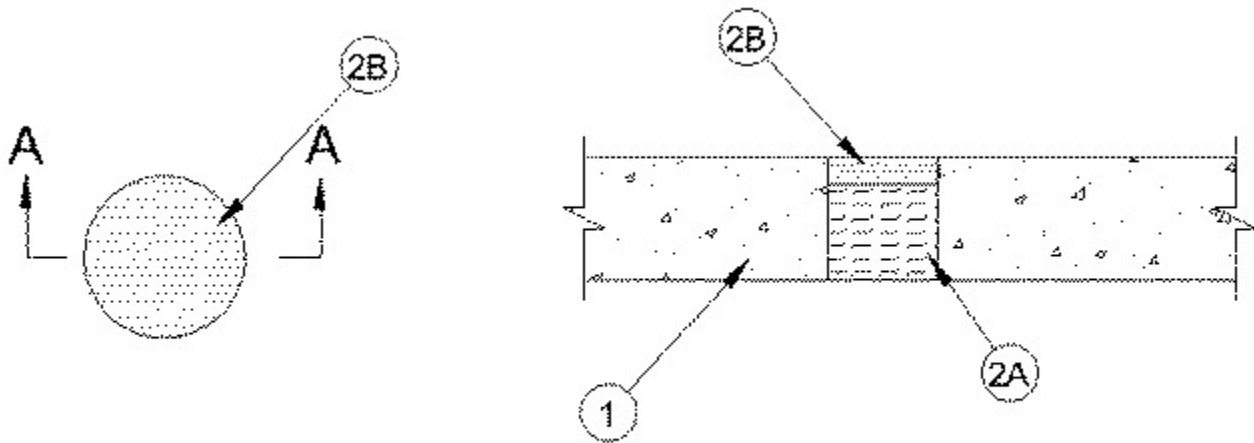


System No. C-AJ-0121

October 11, 2005

F Rating — 2 Hr

T Rating — 2 Hr



SECTION A-A

1. **Floor or Wall Assembly** — Min 4-1/2 in. (114 mm) thick reinforced lightweight or normal weight (100-150 pcf or 1600-2400 kg/m³) concrete floor or min 5-1/2 in. (140 mm) thick reinforced lightweight or normal weight (100-150 pcf or 1600-2400 kg/m³) concrete wall. Wall may also be constructed of any UL Classified **Concrete Blocks***. Max diameter of opening is 4 in. (102 mm).

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

2. **Firestop System** — The firestop system shall consist of the following:
- A. **Packing Material** — Min 3-1/2 in. (89 mm) thickness of 6 pcf (96 kg/m³) mineral wool batt insulation tightly packed into the opening as a permanent form. Packing material to be recessed from top surface of floor or both surfaces of wall to accommodate the required thickness of fill material.
 - B. **Fill Void or Cavity Material*** — Min 1 in. (25 mm) thickness of fill material applied within the annulus, flush with top surface of floor or both surfaces of wall.

FLAME TECH INC — Fire Seal 136 Caulk or Flame Guard - 814 Caulk

*Bearing the UL Classification Mark