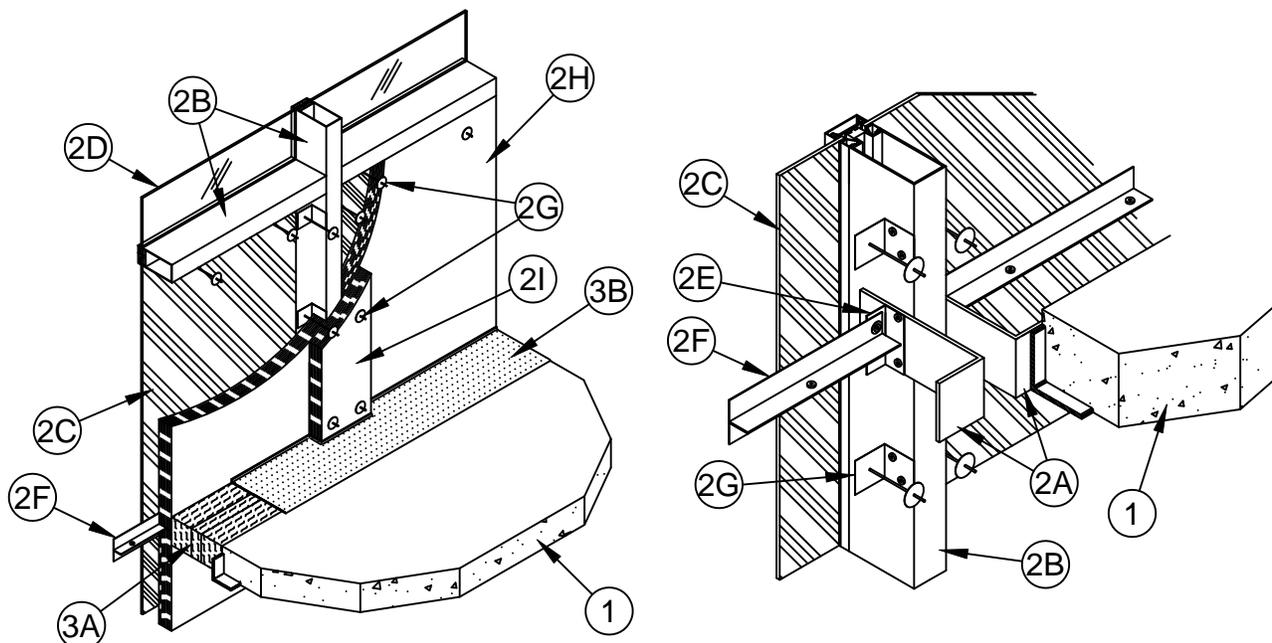


System No. CW-S-2071

F Rating - 3 Hr
T Rating - 1/4 Hr
Integrity Rating - 3 Hr
Insulation Rating - 1/4 Hr
Linear Opening Width - 8 In. Max
L Rating At Ambient - Less Than 1 CFM/Lin Ft
L Rating At 400°F - Less Than 1 CFM/Lin Ft



- 1. Floor Assembly** - Min 4-1/2 in. (114 mm) thick reinforced lightweight or normal weight (100-150 pcf or 1600-2400 kg/m³) structural concrete. Perimeter of floor assembly to be provided with min 3 by 3 by 1/4 in. (76 by 76 by 6 mm) thick cast-in-place structural steel angle for weld-attachment of mullion mounting clips (Item 2A).
- 2. Curtain Wall Assembly** - The curtain wall assembly shall incorporate the following construction features:
 - A. Mullion Mounting Brackets** - Nom 4 in. (102 mm) long angles with one nom 4 in. (102 mm) leg for attachment to edge of floor assembly and with one leg approx 4 in. (102 mm) longer than the distance from the floor edge to the mullion. Clips to be formed of min 1/4 in. (6 mm) thick steel. Clips welded to steel angle at edge of floor assembly (Item 1) on each side of vertical mullion (Item 2B) at each floor level. Top edge of each clip to be recessed min 1/2 in. (13 mm) below top surface of floor.
 - B. Framing** - The rectangular tubing mullions (vertical members) and transoms (horizontal members) shall be min 2-1/2 in. (64 mm) wide by 5 in. (127 mm) deep and shall be formed from min 0.100 in. (2.5 mm) thick aluminum. Mullions spaced max 60 in. (1524 mm) OC and secured to mullion mounting clips (Item 2A) at each floor level with two 3/8-16 by 4 in. (10-16 by 102 mm) long hex head steel bolts in conjunction with steel nuts and washers. Interior face of mullions to be max 8 in. (203 mm) from edge of floor assembly. Transoms to be spaced min 66 in. (1676 mm) OC. The minimum height from the top of the floor to the bottom of the vision panel sill is 33 in. (838mm).
 - C. Spandrel Panels** - The spandrel panels shall consist of one of the following types:
 - a. Glass Panels** - Nom 1/4 in. (6 mm) thick or nom 1 in. (25 mm) thick (double pane) heat-strengthened glass panels. Each panel installed on silicone rubber setting blocks and secured in position with aluminum pressure plates in conjunction with glazing gaskets and steel screws.
 - b. Aluminum Panels** - Nom 1/8 in. (3.2 mm) thick aluminum panels with 1/4 in. (6 mm) thick edges. Each panel installed on silicone rubber setting blocks and secured in position with aluminum pressure plates in conjunction with glazing gaskets and steel screws.
 - c. Stone Panels** - Nom 1-3/16 in. (30 mm) thick polished granite panels with 1 in. (25 mm) thick edges. Each panel installed on silicone rubber setting blocks and secured in position with aluminum pressure plates in conjunction with glazing gaskets and steel screws.



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