



System No. CW-D-2013

F Ratings - 1-1/2 and 2 Hr (See Item 2B)

T Ratings - 0 and 1/4 Hr (See Item 2B)

Integrity Ratings - 1-1/2 and 2 Hr (See Item 2B)

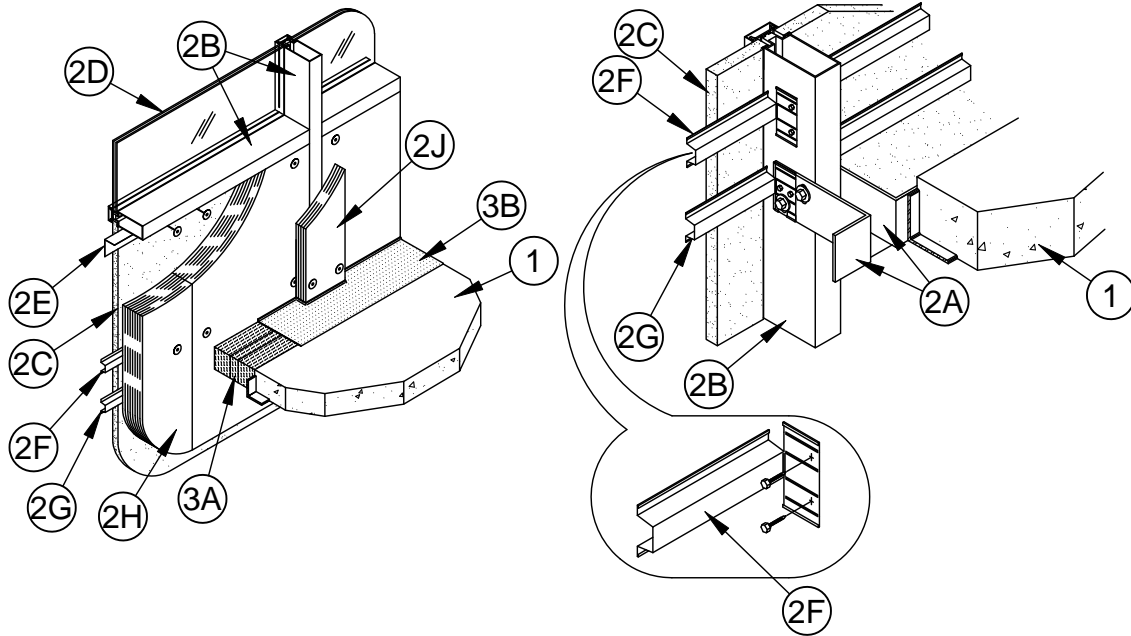
Insulation Ratings - 0 and 1/4 Hr (See Item 2B)

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

Class II Movement Capabilities-5% Vertical Shear (See Item 3)



1. **Floor Assembly** - Min 4-1/2 in. thick reinforced lightweight or normal weight (100-150 pcf) structural concrete. Perimeter of floor assembly to be provided with min 3 by 3 by 1/4 in. 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 Angles** - Min 4 in. long angles with one nom 4 in. leg for attachment to edge of floor assembly and with one leg approx 4 in. longer than distance to nearest face of mullion. Clips to be formed of min 1/4 in. 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. Each clip to be provided with elongated holes to accommodate designed amount of movement. Top edge of each clip to be recessed min 1/2 in. below top surface of floor.
 - B. **Framing** - The rectangular tubing mullions (vertical members) and transoms (horizontal members) shall be min 2-1/2 in. wide by 5 in. deep and shall be formed from min 0.085 in. thick aluminum. Mullions spaced max 60 in. OC and secured to mullion mounting clips (Item 2A) at each floor level with two 3/8-16 by 4 in. long hex head steel bolts in conjunction with steel nuts and washers. Interior face of mullions to be max 8 in. from edge of floor assembly. Transoms to be spaced min 60 in. OC. The Insulation and Integrity Ratings are dependent upon the spandrel panel height (center-to-center of transoms) and the min height from the top of the floor to the bottom of the vision panel sill, as tabulated below:

Min Spandrel Panel Height, in.	Min Vision Panel Sill Height, in.	Integrity Rating, Hr	Insulation Rating, Hr
60	24	1-1/2	0
69	34	2	1/4



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Created or Revised: May 21, 2008

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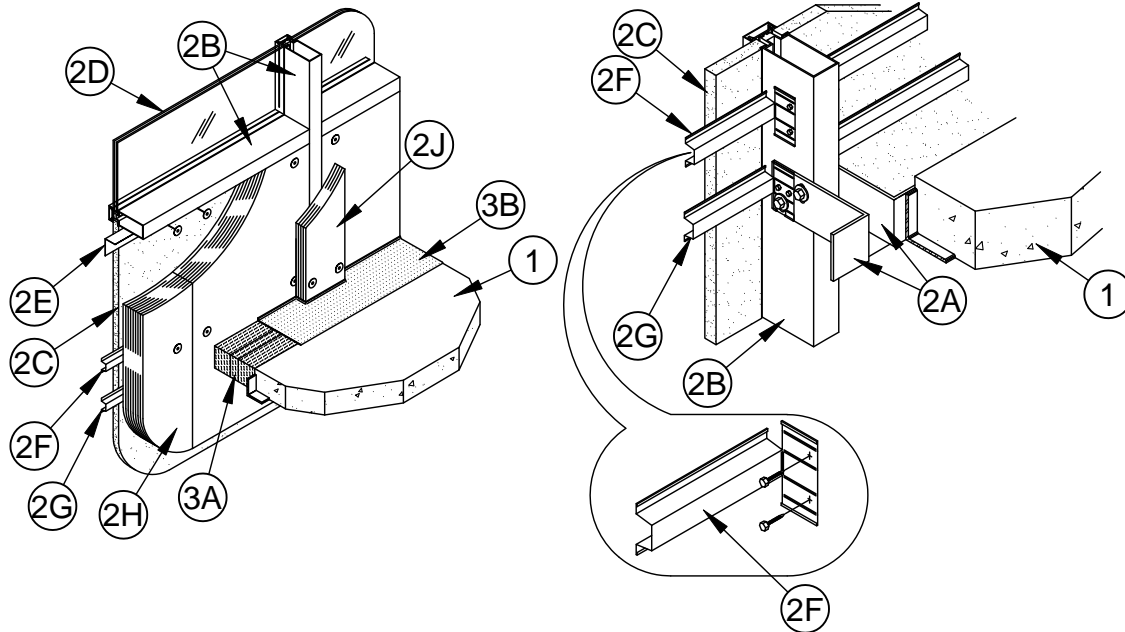
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