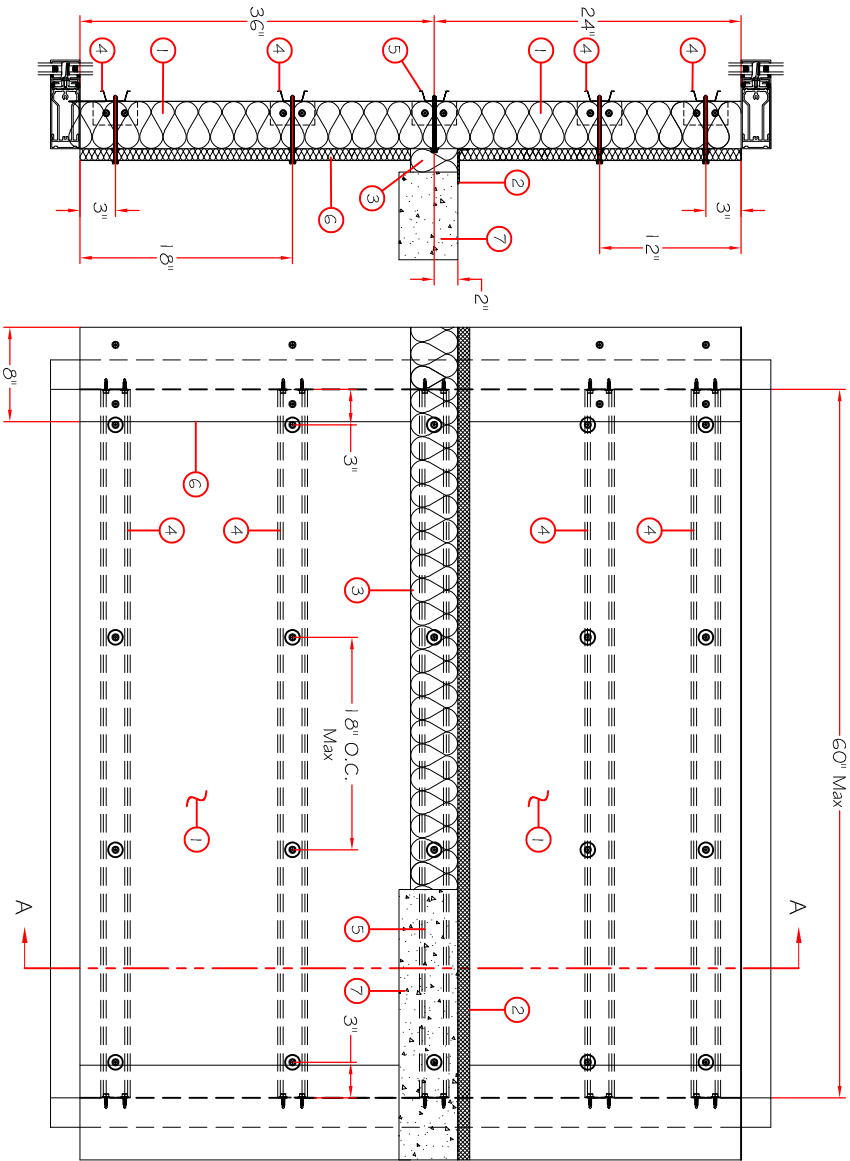




Cross Section View A-A

Elevation View

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Reference Design: CW-D-2057

DATE APPV: / /

Drawn By: SPR

Dimensions
± 3/32"

Angle
± 2°

DATE: 10/10/2024

Date
Rev.
Num.

Description

Job Name:

Location: City and State:

Item Number

Description

1 4" Thick Owens Corning™ Thermafiber® Firespan® 40 mineral wool insulation. insulation panels secured to each hat channel with min 4 1/2" long steel screws with min. 1 1/2" diameter galv steel clinch shields spaced 3" from each mullion and spaced maximum 18" O.C. between mullions.

2 Min 5/8" wet thickness of fill material spray-applied over top of forming material and lapping min 1/4" onto the top surface of the floor and onto the curtain wall insulation and mullion covers. When SpecSeal Fast Tack Spray is used, wet and dry thickness of spray is min 5/8". SPECIFIED TECHNOLOGIES INC. - SpecSeal AS200 Elastomeric Spray, SpecSeal Sating Spray or SpecSeal Fast Tack Spray

3 Owens Corning® Thermafiber® Sating™ mineral wool insulation cut to a 4" width and stacked to a thickness which is min 20% percent greater than the width of the linear gap between the curtain wall insulation and the edge of the concrete floor slab. The forming material is compressed and inserted cut-edge-first into linear gap such that its top surface is flush with the top surface of the floor assembly. A max of one tightly-buttred seam is permitted between mullions. Additional piece of forming material to be friction-fit into gap between batt sections above mullion mounting clip at each mullion location.

4 Steel Hat Channels 2 1/2" wide by 7/8" deep No. 24 gauge galvanized steel (or heavier) hat channel installed to span from mullion-to-mullion for attachment of curtain wall insulation. Hat channels to be cut min. 4" longer than on center spacing of mullions. Ends of hat channels cut, flattened and bent 90° to form min. 2" long tabs for screw-attachment to mullions with No. 10 by 1" long self-drilling, self-tapping steel screws. Hat channels installed max 3" above top of vision panel, max 3" below bottom of vision panel and spaced max 24" O.C. A minimum of two hat channels are required to be installed between the top of the floor and the bottom of vision panel. Hat channels screw-attached to mullions along sides of each spandrel panel with No. 10 by 1" long self-drilling, self-tapping steel screws.

5 Stiffener Channel One nom 2 1/2" wide by 5/8" deep by 24 gauge steel hat-channel installed to span between mullions at each floor level to restrain curtain wall insulation against outward movement when forming material is installed. Stiffener channel to be cut min. 4" longer than on center spacing between mullions. Ends of stiffener channel cut, flattened and bent 90° to form min. 2" long tabs for screw-attachment to the mullion mounting clips with No. 10 by 3/4" long self-drilling, self-tapping steel screws. Each stiffener channel shall be located with its stem centerline at an elevation 2" below the top plane of the floor.

6 Mullion Covers - Owens Corning® Thermafiber® Firespan® 90 1" thick mineral wool insulation faced on one side with aluminum foil-scrum vapor retarder. Nom 8" wide strips to be centered over mullions and secured to the steel hat channels with min. 5 1/2" long steel screws. Framing covers on mullions to abut the mineral wool batt sating material above and below floor.

7 2-Hour fire resistance rated concrete floor assembly.

DRAWING NUMBER:

CW-D-2057

