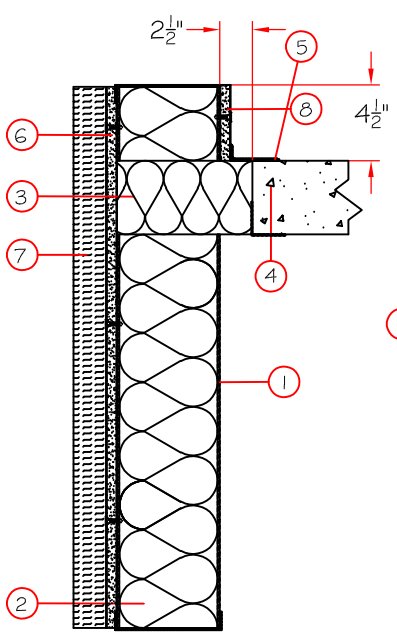
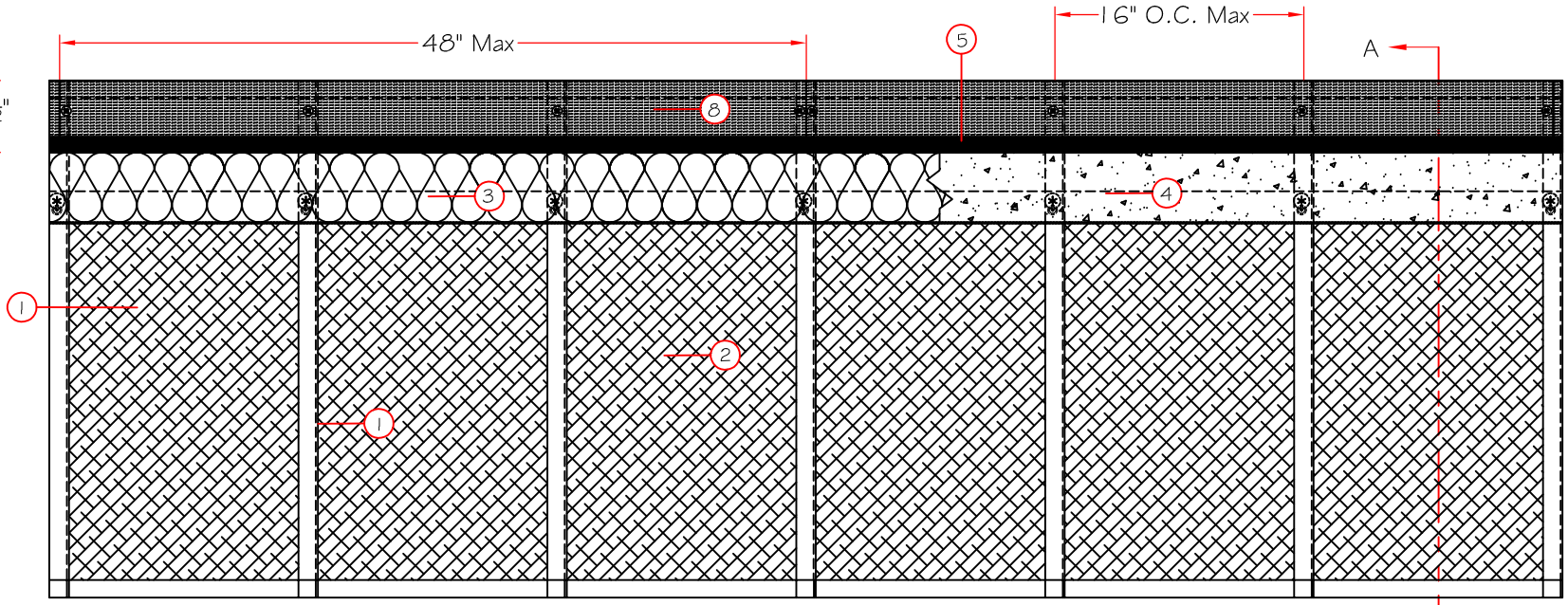
| Item Number | Description |
|---|---|
| 1 | C-Shaped studs formed from min 0.059 in. thick galv steel. The steel studs shall be min 6" wide x 1¼" deep with 5/16" wide stiffening flanges and shall be assembled using runner channels formed from min 0.059 in. thick galv steel. Studs spaced max 16" O.C. and welded, bolted or screwed to mounting angles at each floor level. To allow for designed amount of movement, elongated holes may be integrated into either the mounting angle or the stud. Interior face of studs to be max 2½" from edge of floor assembly. Studs reinforced by means of nom 1½" wide by 9/16" deep min 0.059 in. thick cold rolled steel channels inserted through steel stud keyways on max 48" centers and welded to steel studs. |
| 2 | Any glass fiber insulation bearing the UL Classification Marking as to fire resistance or surface burning characteristics, of a width and thickness to completely fill stud cavity. Insulation friction fit to completely fill all stud cavities of curtain wall above the top of the fill material and below the forming material. |
| 3 | Nom 4 pcf density mineral wool batt insulation. Batt sections to be cut to a min width of 4" and stacked to a thickness which is 25% greater than the width of linear gap between the gypsum sheathing and the edge of the concrete floor to attain a min 20% compression in the thickness direction when installed. The forming material is compressed and inserted cut-edge-first into linear gap between edge of floor slab and sheathing material such that its top surface is flush with the top surface of the floor assembly. Length of batt to be equal to on-center spacing of steel studs such that it is friction-fitted between studs and mounting angles without seams. Additional pieces of mineral wool batt to be stuffed inside the channel of each steel stud throughout the thickness of the forming material. Owens Corning™ Thermafiber® Safing™ Insulation |
| 4 | 4½" min. thick 2-hour fire resistance rated concrete floor assembly. |

| Item Number | Description |
|---|---|
| 5 | Min ⅛" wet thickness of fill material spray-applied over top of forming material and lapping min ½" onto the top surface of the floor and onto the gypsum sheathing and steel studs. When SpecSeal Fast Tack Spray is used, wet and dry thickness of spray is min 5/64".<br>SPECIFIED TECHNOLOGIES INC — SpecSeal AS200 Elastomeric Spray, SpecSeal Safing Spray or SpecSeal Fast Tack Spray |
| 6 | Gypsum Board one layer of nom ⅝" thick, 48" wide gypsum sheathing installed to cover entire exterior surface of wall. Sheathing applied with joints centered over studs and secured to steel studs with min 1" long bugle head steel screws spaced max 8" O.C. and along the edges max 12" O.C. |
| 7 | Exterior Insulation nom 2" thick extruded polystyrene Foamed Plastic insulation bearing the UL Classification Marking, attached over sheathing and finished with coating system, or Portland cement or synthetic stucco systems, in accordance with manufacturer's instructions. |
| 8 | Gypsum Board one layer of nom ⅝" thick, 48" wide gypsum board applied with joints centered over studs. Gypsum board secured to steel studs on interior surface of curtain wall with min 1" long bugle head steel screws spaced max 8" O.C. along the edges and max 12" O.C. in the field of each sheet. Gypsum board installed to cover interior surface of wall above the top of the floor slab for a min distance of 4½". Gypsum board is optional below floor assembly. |




Cross Section View A-A




Elevation View



| Date | Rev. Num. | Description |
|---|---|---|
| | | |
| | | |
| | | |
| | | |

Job Name:

Location: City and State:

DRAWING NUMBER: CW-D-1011

Reference Design: CW-D-1011

DATE APRV: / /

Drawn By: SPR

Dimensions ± 1/32"

Angle ± 2°

DATE: 07/31/2025

OWENS CORNING® THERMAFIBER®