



Cross Section View AA

Elevation View

Item Number	Description
1	Min. 3" Thick Owens Corning® Thermafiber® Fireseal® 90 mineral wool insulation
2	Owens Corning® Thermafiber® Safing™ Insulation Nom. 4 pcf density mineral wool insulation cut to a min. 4" width 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. 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.
3	20 ga. galvanized C-shaped Studs 3½" to 6" wide by 1½" deep spaced max 24" O.C.
4	Approved Smoke Sealant spray-applied Min. ½" thickness, over the top of forming material and lapping ½" onto the top surface of the floor and onto the gypsum sheathing and steel studs.
5	Gypsum Board one layer of nom ½" 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. along the edges and max 12" O.C. in the field of each sheet.
6	Cementitious Backer Units as an alternate to the gypsum sheathing, nom ½" or ¾" thick square-edge boards attached to studs with 1½" long corrosion resistant self-tapping water-head steel screws spaced 6" O.C. Joints covered with glass fiber mesh tape.
7	Floor Assembly Min. 4½" thick reinforced lightweight or normal weight (100-150 pcf) structural concrete.
8	Gypsum Board one layer of nom ½" 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 fill material and below the forming material.
8	Steel Struts - Short lengths of steel stud used to brace each steel stud against lateral movement. One end of strut bolted, screwed or welded to steel stud beneath plane of floor assembly. Opposite end of strut anchored to underside of floor.

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Date	Rev. Num.	Description

Job Name: _____
 Location: City and State: _____
 Angle ±2°

DATE: _____
 Drawn By: SPR
 Dimensions ± 3/16"

Reference UL Design: _____ CW-S-1016

DRAWING NUMBER: _____