

Design No. L601

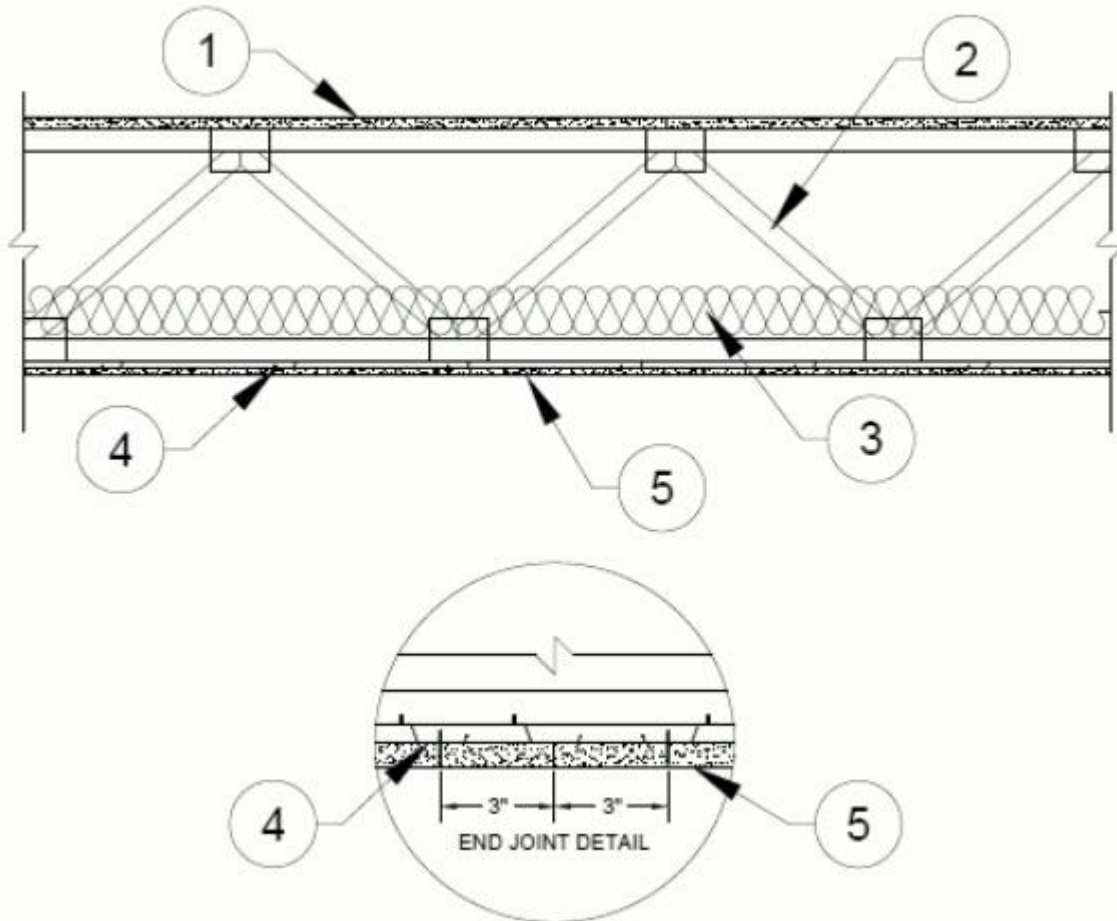
August 17, 2020

Unrestrained Assembly Rating — 1 Hr

Finish Rating — 14 Min

Restricted Load Condition — 90% maximum allowable truss load

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.



1. **Flooring System — Building Units*** — Nom 3/4 in. thick. Long dimension of panels to be perpendicular to trusses with end joints staggered a min of 4 ft. and joints centered over the trusses. Panels secured to wood trusses with 2 in. x 0.113 in. Ring Shank nails spaced a max of 12 in. OC in the field and on the perimeter. Nails located 2 in. from side edges, and 1/2 in. from butt joint edges.

EXTREMEGREEN BUILDING PRODUCTS LLC — Type 3/4 in. Shiplap Extremegreen™ Board

2. **Trusses** — Parallel chord trusses, spaced a max of 24 in. OC, fabricated from nom 2 by 4 lumber, with lumber oriented vertically or horizontally. Min truss depth is 16 in. Truss members secured together with min 20 gauge galv. steel plates.

3. **Batts and Blankets*** — 3-1/2 in. thick, min 0.62 pcf glass fiber batt insulation draped over the resilient channels. Any glass fiber batt insulation bearing the UL Classification Marking for Surface Burning Characteristics or fire Resistance may be used. See **Batts and Blankets* (BKNV or BZJZ)** category in the Fire Resistance Directory for names of manufacturers.

4. **Resilient Channels** — Formed from min 25 MSG galv steel, 1/2 in. deep, spaced max 12 in. OC, installed perpendicular to trusses. Channels secured to each truss with one #6 1-1/4 in. long coarse thread drywall screws. Channels overlapped 4 in. at splices under the trusses. Additional channels installed 3 in. from board end joints and secured to adjacent trusses.

4A. **Steel Framing Members*** — (Optional, Not Shown) — Used as an alternate method to attach resilient channels to structural members. A resilient sound isolation accessory shall be used at each attachment point of the resilient channels and spaced max 24 in. O.C. Channel ends butted and centered under the structural members and attached with one accessory at each end. Additional accessories used to hold resilient channels that support the ceiling system end joints. The accessory envelops the mounting edge of the resilient channel. The accessory and resilient channel are fastened to the structural members with the screws supplied with the accessory and per the accessory manufacturer's installation instructions.

PAC INTERNATIONAL L L C — Type RC-1 Boost

5. **Ceiling System — Building Units*** — Nom 1/2 in. thick. Long dimension of panels to be perpendicular to resilient channels with end joints staggered a min of 2 ft. Side joints of board shall be a minimum of 7 in. from edge of trusses (Item 2). Panels secured to resilient channels with #6 by 1-1/4 in. long coarse thread drywall screws spaced a max of 6 in. OC. in the field with screws located 1 in. from side edges and 3 in. from end joints.

EXTREMEGREEN BUILDING PRODUCTS LLC — Type 1/2 in. Tapered Extremegreen™ Board

5A. **Gypsum Board*** — (As an alternate to item 5) - One layer of nom 5/8 in. thick, 4 ft wide gypsum board, installed with long dimension perpendicular to resilient channels with end joints staggered a min of 2 ft. Side joints of board shall be a minimum of 7 in. from edge of trusses (Item 2). Gypsum board secured with 1 in. long No. 6 Type S bugle head steel screws spaced 8 in. OC and located a min of 1 in. from side joints and 3 in. from end joints.

AMERICAN GYPSUM CO — Type AG-C

CERTAINTED GYPSUM INC — Type C

CGC INC — Types C, IP-X2, IPC-AR

CONTINENTAL BUILDING PRODUCTS OPERATING CO, L L C — Type LGFC-C/A

GEORGIA-PACIFIC GYPSUM L L C — Types 5, DAPC, TG-C

NATIONAL GYPSUM CO — Types eXP-C, FSK-C, FSW-C, FSW-G

PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Type C

THAI GYPSUM PRODUCTS PCL — Type C

UNITED STATES GYPSUM CO — Types C, IP-X2, IPC-AR

USG BORAL DRYWALL SFZ LLC — Type C

USG MEXICO S A DE C V — Types C, IP-X2, IPC-AR

6. **Joint Tape** — (Not Shown) — Nom 2-1/16 in. wide FibaFuse tape embedded in first layer of setting compound over all joints.

7. **Setting Compound — Wall and Partition Facings and Accessories*** — (Not Shown) — Dry setting compound mixed with water and applied in two coats to joints and screw-heads. Upon completion of finishing board joints and screw heads, a skim coat of setting compound shall be applied to the entire surface of ceiling board.

EXTREMEGREEN BUILDING PRODUCTS LLC — Extremegreen™ Fire Set 60

7A. **Finishing System** — (Not Shown - For Use with Item 5A) — Vinyl, dry or premixed joint compound, applied in two coats to joints and screw-heads. Nom 2 in. wide paper tape embedded in first layer of compound over all joints. As an alternate, nom 3/32 in. thick veneer plaster may be applied to the entire surface of gypsum board.

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**

