



ALPINE ENGINEERED PRODUCTS INC
UL COORDINATOR
PO BOX 2225
POMPANO BEACH FL 33061

RE: Project Number(s) - 99NK5258

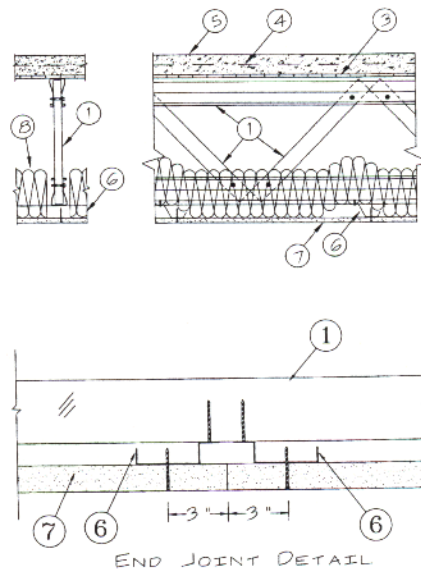
Your most recent listing is shown below. Please review this information and report any inaccuracies to the UL Engineering staff member who handled your project.

For information on placing an order for UL Listing Cards in a 3 x 5 inch format, please refer to the enclosed ordering information.

BXUV
Fire Resistance Ratings - ANSI/UL263

July 2, 1999

Design No. G542
Restrained Assembly Rating-1Hr.
Unrestrained Assembly Rating-1 Hr.



1. Structural Steel Members* — Pre-fabricated light gauge steel truss system consisting of cold-formed, galv steel chord and web sections. Trusses fabricated in various sizes, depths and from various steel thickness. Trusses spaced a max of 48 in. OC.
TRUSSTEEL, DIV OF
ALPINE ENGINEERED PRODUCTS INC — TRUSSTEEL
2. Bridging — (Not Shown)—Location of lateral bracing for truss chord and web sections to be specified on truss engineering.

3. **Metal Lath** — 3/8 in. rib, 3.4 lb/sq yd expanded steel lath tied to each truss at every other rib and midway between trusses at side laps with 18 SWG galv steel wire. As an alternate, the form material for the concrete may be corrugated steel deck, min 9/16 in. deep, 28 MSG galv steel, mechanically fastened to trusses 15 in. OC. The concrete topping thickness shall be measured to the top plane of the steel deck.
 4. **Welded Wire Fabric** — 6 by 6 in., 10/10 SWG.
 5. **Normal or Lightweight Concrete** — Carbonate or siliceous aggregate, 150 ± 3 pcf unit weight, 3000 psi compressive strength. Lightweight concrete, expanded shale, clay or slate aggregate by rotary kiln method, 117 ± 3 pcf unit weight, 3000 psi compressive strength.
 6. **Resilient Channels** — Formed of 25 MSG galv steel, installed perpendicular to the steel trusses, (Item 1), spaced a max of 16 in. OC when no insulation (Item 8) is fitted in the concealed spaced, or a max of 12 in. OC when insulation (Item 8) is fitted in the concealed space, draped over the resilient channel/gypsum wallboard ceiling membrane. Two courses of resilient channel positioned 6 in. OC at wallboard butt-joints (3 in. from each end of wallboard). Channels oriented opposite at wallboard butt-joints. Channel splices overlapped 4 in. beneath steel trusses. Channels secured to each truss with Type S12 by 1/2 in. long screws.
 7. **Wallboard Gypsum*** — One layer of nom 5/8 in. thick by 48 in. wide boards, installed with long dimensional parallel to trusses. Attached to the resilient channels using 1 in. long Type S bugle-head screws. Screws spaced a max of 12 in. OC along butted end-joints and in the field with no insulation (Item 8) is fitted in the concealed space, or a max of 8 in. OC along butted end-joints and in the field when insulation (Item 8) is fitted in the concealed space, draped over the resilient channel/gypsum wallboard ceiling membrane.
CANADIAN GYPSUM COMPANY CANADA L5B 3J1—TYPE C OR IP-X2
UNITED STATES GYPSUM CO —TYPE C OR IP-X2
YESO PANAMERICANO S A DE C V MEXICO—TYPE C OR IP-X2
 8. **Batts and Blankets*** — Optional—Any thickness mineral wool or glass fiber insulation bearing the UL Classification Marking for Surface Burning Characteristics, having a flame spread value of 25 or less and a smoke value of 50 or less. Insulation fitted in the concealed space, draped over the resilient channel/gypsum wallboard ceiling membrane.
 9. **Finishing System** — (Not Shown)—Vinyl, dry or premixed joint compound, applied in two coats to joints and screw-heads; paper tape, 2 in. wide, 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 wallboard.
- *Bearing the UL Classification Marking