



PO406128 Rated wall change request
 Dammon Engineering to: 'john whitaker'
 Cc: n_transp, "Dammon Engineering"

10/01/2012 02:30 PM

Hi John,

On November-29-2011 you approved a package for us (PO406128), and now we would like to use a different UL# for the wall as noted on the approved dwgs. We would like to use UL#U301 (see attached) and not GA WP 1201. Also, we were removing the non rated door on that wall, now it has been decided to reinstall a 45 minute rated door in its place.

We would like your approval on this before we proceed. Please see the attached pdfs...new wall rating U301 and the approved letter and Fire Marshall dwgs showing the location of the wall and door in question.

Thanks, and please let me know if you have any questions or comments.

Chuck Dammon
 VP & Project Manager
 Dammon Engineering, Inc.
 Architects & Engineers
 554 Old Spanish Trail
 Slidell, La. 70458
 985-649-5832

LA. S.F.M. PLAN REVIEW
 PO# 406128 REVIEWER WHITAKER
 READING FILE DATE MO _____ YR _____
 ORIG TO _____
 SENDER _____ APPL. _____ OWNER _____
 CC'S _____
 COPY WHAT PGS. _____
 B.R. _____ N.O. _____ ALEX _____ LAF _____
 SHREVE _____ HO. FILE _____ HO DEPT. _____
 DET FILE _____ HR FILE _____ NON-REQ. SYST. _____
 OTHER _____

*SEE REVISED SHEETS
 C-1 + A-1*

John Whitaker
 10/1/12

- LETTER.pdf - UL design U 301.pdf - C-1.PDF - A-1.PDF

RECEIVED

OCT 01 2012

**STATE FIRE MARSHAL
 ARCHITECTURAL SECTION**

One-Hour Ceiling

(Based on GA File Nos. FC 5406 and RC 2601)

The ceiling membrane consists of two layers of 5/8" (15.9 mm) type X gypsum board directly applied to framing or furring. The base layer of gypsum board is applied at right angles to ceiling framing 24" (610 mm) o.c. and attached with 1" (25 mm) Type S or S-12 drywall screws (for steel framing) or 1-1/4" (32 mm) Type W or S drywall screws (for wood framing) spaced 24" (610 mm) o.c. The face layer of gypsum board is applied at right angles to the framing and attached with 1-5/8" (41 mm) Type S or S-12 drywall screws (for steel framing) or 1-7/8" (48 mm) Type W or S drywall screws (for wood framing) 12" (305 mm) o.c. at end joints and intermediate joints and 1-1/2" (38 mm) Type G drywall screws 12" (305 mm) o.c. placed 2" (50 mm) back on either side of end joints. Joints of the face layer are offset 24" (610 mm) from the joints in the base layer. Face layer joints and fasteners are finished to Level 1 as specified in GA-214, *Levels of Gypsum Board Finish*.



Two-Hour Ceiling

(Based on UL Design L556)

The ceiling membrane consists of four layers of 5/8" (15.9 mm) type X gypsum board applied to ceiling framing spaced 24" (610 mm) o.c. with a 7/8" (22 mm) hat-shaped steel furring channel located between the third and face layer. The base layer of gypsum board is applied at right angles to the ceiling framing and attached with 1-1/4" (32 mm) type S or W drywall screws spaced 12" (305 mm) o.c. The second layer of gypsum board is applied at right angles to the ceiling framing and attached with 2" (51 mm) type S or W drywall screws spaced 12" (305 mm) o.c. The third layer of gypsum board is applied at right angles to ceiling framing and attached with 2-1/2" (64 mm) type S or W drywall screws spaced 12" (305 mm) o.c. The joints in each layer are offset a minimum of 10" (250 mm) from the previous layer. The steel hat-shaped rigid furring channels are applied at right angles to the ceiling framing and spaced 24" (610 mm) o.c. The channels are attached to the ceiling framing at each framing member/furring channel intersection with two 2-1/2" (64 mm) Type S or W drywall screws. The face layer of gypsum board is applied at right angles to the furring channels and attached with 1-1/8" (28 mm) type S drywall screws spaced 12" (305 mm) o.c. Face layer joints and fasteners are finished to Level 1 as specified in GA-214, *Levels of Gypsum Board Finish*.



One-Hour Wall Membrane (Based on UL Design U 301)

The membrane consists of two layers of 5/8" (15.9 mm) type X gypsum board directly applied to framing or furring. The base layer of gypsum board is applied either parallel or at right angles to wall or partition framing 16" (406 mm) o.c. and attached with 1" (25 mm) Type S or S-12 drywall screws (for steel framing) or 1-7/8" (48 mm) nails or 1-1/4" (32 mm) Type W or S drywall screws (for wood framing) spaced 8" (150 mm) o.c. The face layer of gypsum board is applied either parallel or at right angles to the framing and attached with 1-5/8" (41 mm) Type S or S-12 drywall screws (for steel framing) or 2-3/8" (60 mm) nails or 1-7/8" (48 mm) Type W or S drywall screws (for wood framing) spaced 8" (203 mm) o.c. Joints of the face layer are offset 24" (610 mm) from the joints in the base layer. Face layer joints and fasteners are finished to Level 1 as specified in GA-214, *Levels of Gypsum Board Finish*.



REVIEWED FOR
STATE FIRE MARSHAL
AS PER REVIEW LETTER
BY JOHN L. WHITAKER, ARCHITECT

John L. Whitaker

128

