



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
 PG# 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
 10/01/12

- 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 joists 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*.



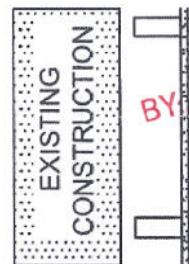
Two-Hour Ceiling
(Based on UL Design L556)

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 6" (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
106128
John L. Whitaker



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 EXIST WITNESS

NEWMAN
 TRANSPORT LLC.
 63336
 OLD MILITARY RD
 PEARL RIVER LA.

FLOOR
 PLAN

REV:

SCALE: AS NOTED
 JOB#: 2124

DATE: 10-19-11
 SHEET 3

A-1

OF 4

DOOR & HARDWARE SCHEDULE

MARK	SIZE	DOOR TYPE	FRAME	HWK. NO.	STC	REMARKS
EXTERIOR DOORS						
①	PR. 3'0x6'6"	FLUSH GALV. HOL. MET. STEEL INSUL.	GALV. PTD. HOL. MET.	1	NA	GALVANIZING TO BE G90
②	8' x 7'	ROLL-UP MTL. DR.	GALV. PTD. HOL. MET.	NA	NA	GALVANIZING TO BE G90
③	12' x 14'	ROLL-UP MTL. DR.	GALV. PTD. HOL. MET.	NA	NA	GALVANIZING TO BE G90

DOOR HARDWARE SCHEDULE:
 1. AUTO CLOSER, KEYS HANDLE, AIR RESISTANT METAL THRESHOLD, WEATHERSTRIP, RATED FOR 130MPH.

FASTENING SCHEDULE FOR WOOD STRUCTURAL PANELS

PASTER TYPE	PASTER SPACING	
	4 FOOT PANELS	8 FOOT PANELS
2-1/2" x 45 WOOD SCREWS	16"	12"
2-1/2" x 45 WOOD SCREWS	16"	12"

WINDBORNE DEBRIS PROTECTION:
 WINDBORNE DEBRIS PROTECTION SHALL BE PROVIDED FOR ALL WINDBORNE DEBRIS REGIONS SHALL HAVE GLAZED OPENINGS PROTECTED FROM WINDBORNE DEBRIS. (SEE STRUCTURAL DRAWINGS WITH A MIN. THICKNESS OF 7/16" AND A MAX. SPAN OF 8 FEET SHALL BE PERMITTED FOR OPENING PROTECTION IN ONE AND TWO STORY BUILDINGS. PANELS SHALL BE PRECUT TO COVER THE GLAZED OPENINGS WITH ATTACHMENT PROGRAMME PROVIDED.

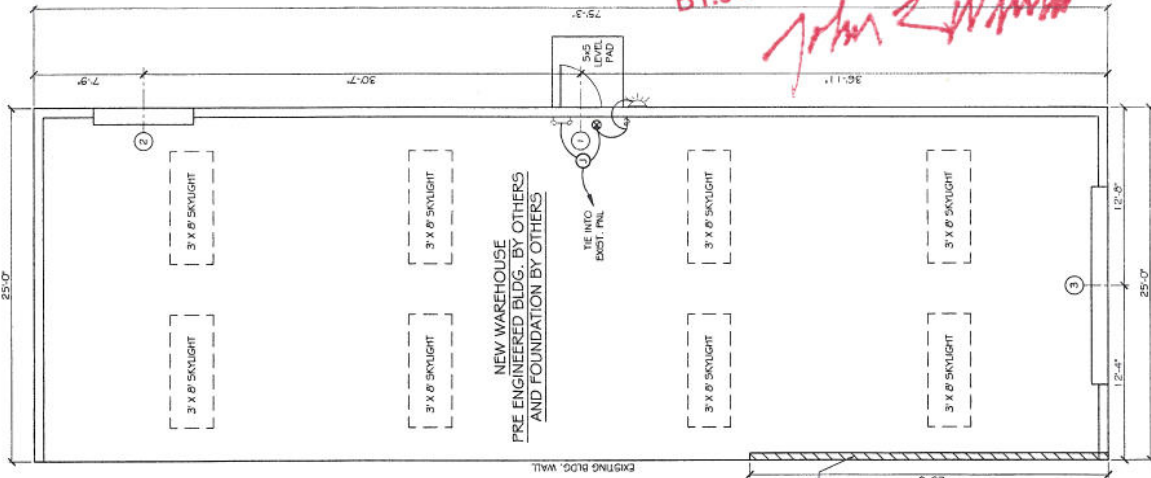
1 HOUR RATED FIREWALL

REF. DESIGN NO.	DESCRIPTION	SIC	TEST NO.
WH 631-0409/01	5/8" FIRE SHIELD TYPE X WALLBOARD SCREEN ATTACHED VERTICALLY TO BOTH SIDES OF 3-5/8" x 5/8" STEEL STUDS 16" O.C. WALLBOARD JOINTS STAGGERED.	40	BASED ON NCC E301
UL 1445	UL 1445	43	BASED ON NCC E302
UL 1445	2-1/2" FIBREGLASS INSULATION IN CAVITY		

J.L. Whitaker

ELECTRICAL LEGEND

- ⊕ EXTERIOR LIGHT FIXTURE WITH 90 MIN. EMERGENCY LIGHTING WITH 90 MINUTE BATTERY BACKUP.
- ⊕ WALL OR CEILING MOUNTED EMERGENCY EXIT LIGHT WITH 90 MIN. BATTERY BACKUP
- ⊕ WALL MOUNTED LIGHT SWITCH.
- ⊕ JUNCTION BOX



NEW WAREHOUSE
 PRE ENGINEERED BLDG. BY OTHERS
 AND FOUNDATION BY OTHERS

406128
 REVIEWED FOR
 STATE FIRE MARSHAL
 AS PER REVIEW LETTER
 BY: JOHN L. WHITAKER, ARCHITECT

GENERAL NOTES

1. INSULATION AND INSULATION ASSEMBLIES SHALL MEET THE REQUIREMENTS OF SECTION 7119 COMBUSTIBLE (WOOD FRAME) CONSTRUCTION.
2. PROVIDE 5/8" LAMINOS, LEVEL WITH FINISHED FLOOR, OUTSIDE EXTERIOR DOORS ON WEST SIDE OF BUILDING. THRESHOLDS SHALL BE NOT MORE THAN 1/2" IN HEIGHT AND SHALL BE DEVELED IF MORE THAN 1/4".
3. MATERIALS SHALL BE NEW AND U.L. LISTED.
4. MATERIALS SHALL BE NEW AND U.L. LISTED.
5. NO WORK SHALL BE CONCEALED UNTIL APPROVED BY LOCAL INSPECTORS.
6. CONSTRUCTION SHALL COMPLY WITH ALL PARISH, STATE, AND LOCAL CODES.
7. CONTRACTOR SHALL GUARANTEE WORK FOR ONE YEAR.
8. CONTRACTOR SHALL PROVIDE WATER AND POWER FROM EXISTING SOURCES.
9. PAINT GRADE TO SHALL BE SHERWIN WILLIAMS OR EQUIVALENT. ALL WORK TO RECEIVE 3 COATS. COLOR SELECTION BY OWNER.
10. PROVIDE CLEANUP ON A REGULAR BASIS. NO TRASH STORED IN BUILDING.
11. ALL BATT INSULATION SHALL HAVE A CLASS "A" (0-23) FLAME SPREAD IN COMPLIANCE WITH APPLICABLE CODE.
12. USE 6" STUDS, OR 4" STAGGERED STUDS AT ALL PLUMBING WALLS.
13. PROVIDE PROTECTIVE COVERING FOR EXISTING WORK.
14. ALL CORNERS SHALL BE PROPERLY BRACED FOR WIND LOADS. LOG SHEATHING SHALL BE PROVIDED EVERY 20 FEET OF WALL LENGTH.
15. INTERIOR DOORS ON DOORS IN MEANS OF EGRESS SHALL NOT REQUIRE THE USE OF A KEY, SPECIAL KNOWLEDGE, OR SPECIAL DEVICE TO OPEN IN THE DIRECTION OF EGRESS. ALL DOORS SHALL HAVE LEVER TYPE HANDLES.
16. INTERIOR WALLS AND CEILINGS SHALL HAVE A FLAME SPREAD OF 0-200 AND A SMOKE DEVELOPMENT RATING OF 0-450.
17. ALL WORK SHALL COMPLY WITH THE LATEST EDITION OF ALL LOCAL, STATE, AND NATIONAL CODES COVERING THE TYPE OF WORK BEING PROVIDED.
18. PROVIDE PORTABLE FIRE EXTINGUISHERS IN ACCORDANCE WITH NFPA 101. SEE APPENDIX 'E' OF NFPA 101 FOR DISTRIBUTION OF EXTINGUISHERS.
19. ALL FIRE WALLS SHALL EXTEND TIGHT TO ROOF DECK, AND BE SEALED WITH AN APPROVED FIRE CAULK.
20. ALL ELECTRICAL, MECHANICAL, AND PLUMBING MATERIALS PENETRATING FIRE WALLS SHALL BE FIRE CALKED. PENETRATIONS THROUGH RATED CONSTRUCTION SHALL BE SEALED WITH A MATERIAL CAPABLE OF PREVENTING THE PASSAGE OF FLAMES AND HOT GASES WHEN EXPOSED TO FIRE.
21. SERVICE COUNTER SHALL HAVE A HCP ACCESSIBLE WRITING SURFACE, MAX. 5" FROM F.F. (ADAAG MANUAL 1998, PG. 135)

FLOOR PLAN
 SCALE: 1/4" = 1'