

**BXUV.U375
Fire Resistance Ratings - ANSI/UL 263**

Page Bottom

Design/System/Construction/Assembly Usage Disclaimer

- Authorities Having Jurisdiction should be consulted in all cases as to the particular requirements covering the installation and use of UL Listed or Classified products, equipment, system, devices, and materials.
- Authorities Having Jurisdiction should be consulted before construction.
- Fire resistance assemblies and products are developed by the design submitter and have been investigated by UL for compliance with applicable requirements. The published information cannot always address every construction nuance encountered in the field.
- When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product manufacturer noted for the design. Users of fire resistance assemblies are advised to consult the general Guide Information for each product category and each group of assemblies. The Guide Information includes specifics concerning alternate materials and alternate methods of construction.
- Only products which bear UL's Mark are considered as Classified, Listed, or Recognized.

Fire Resistance Ratings - ANSI/UL 263

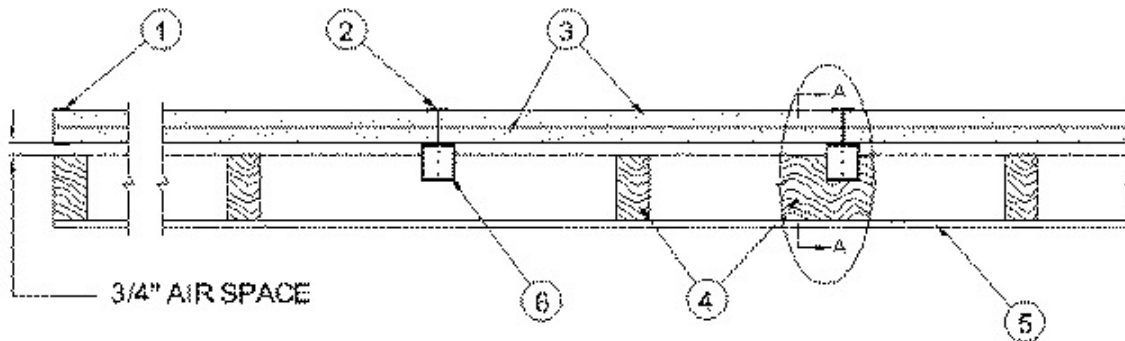
See General Information for Fire Resistance Ratings - ANSI/UL 263

Design No. U375

August 14, 2009

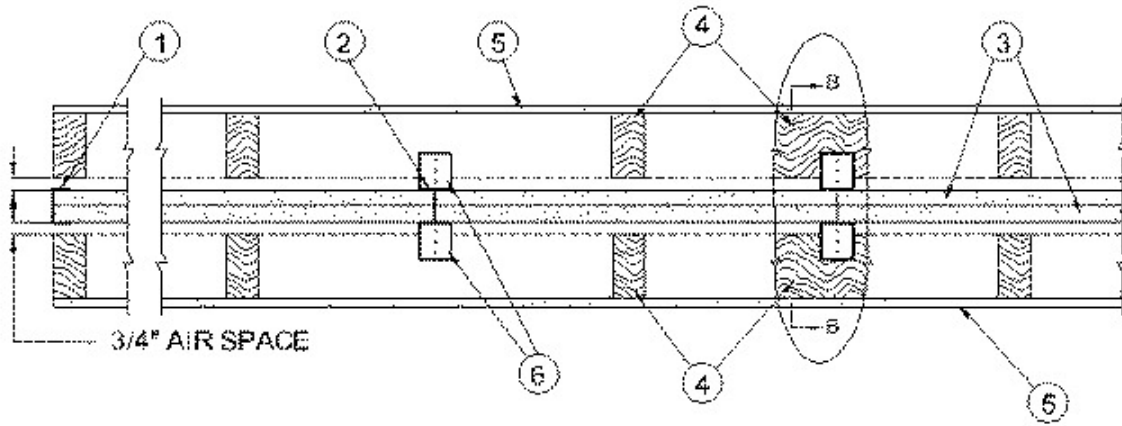
NonBearing Wall Rating - 2 HR

Finish Rating - (See Item 6)



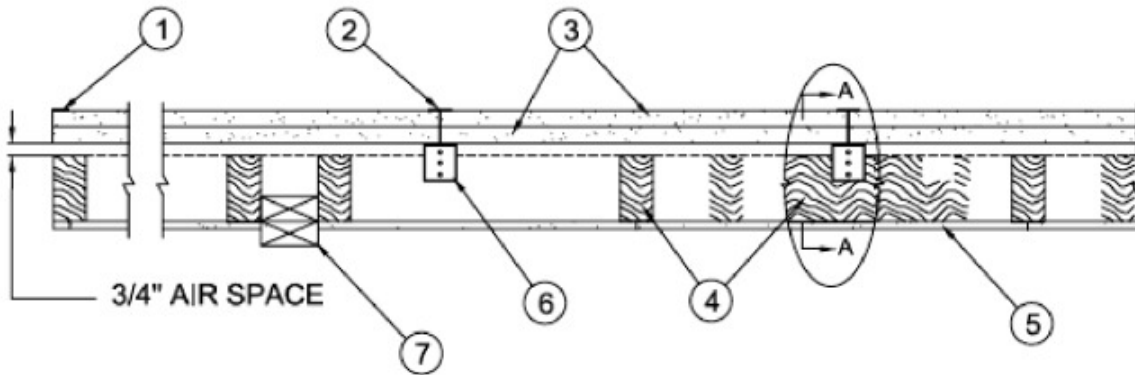
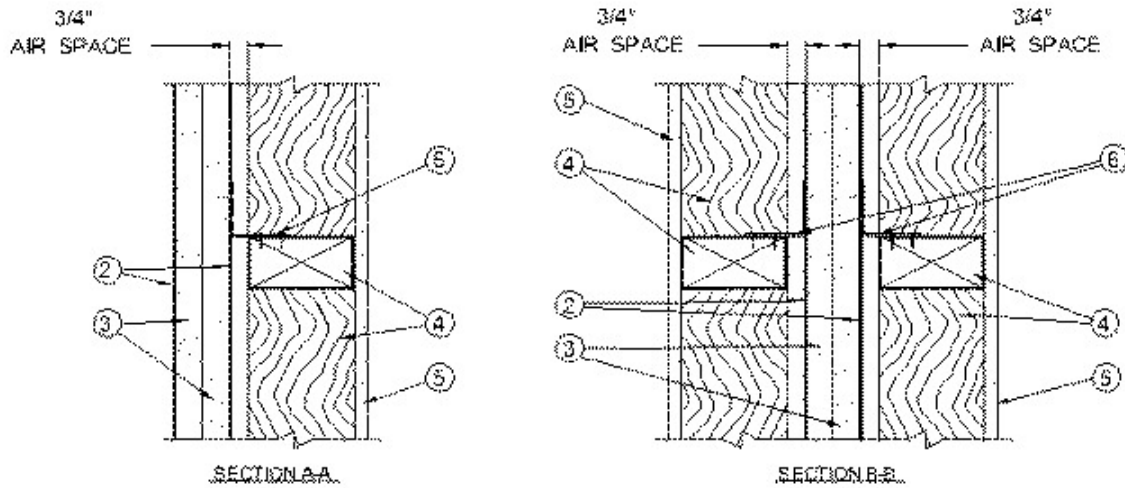
CONFIGURATION A

EXPOSED TO FIRE FROM AREA SEPARATION WALL SIDE ONLY

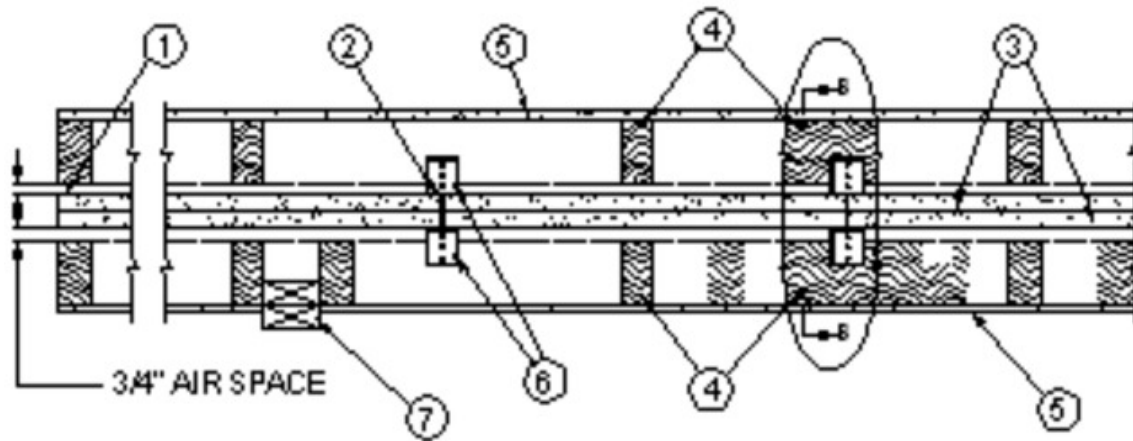


CONFIGURATION B

EXPOSED TO FIRE FROM EITHER SIDE



Configuration C



CONFIGURATION D
EXPOSED TO FIRE FROM EITHER SIDE

AREA SEPARATION WALL: — (Max Height - 66 ft)

1. **Floor, Intermediate or Top Wall Track** — 2 in. wide channel shaped with 1 in. long legs formed from No. 25 MSG galv steel, secured with suitable fasteners spaced 24 in. OC.

2. **Steel Studs** — Steel members formed from No. 25 MSG galv steel having "H" - shaped flanged spaced 24 in. OC; overall depth 2 in. and flange width 1-3/8 in.

3. **Gypsum Board*** — Two layers of 1 in. thick gypsum board liner panels, supplied in nom 24 in. widths. Vertical edges of panels friction fitted into "H" - shaped studs.

AMERICAN GYPSUM CO — Types AG-S

TEMPLE-INLAND FOREST PRODUCTS CORP — Type TP-6

PROTECTED WALL: — (Bearing or Nonbearing Wall)

4. **Wood Studs** — Nom 2 by 4 in. max spacing 24 in. OC. Studs cross-braced at mid-height where necessary for clip attachment. Min 3/4 in. separation between wood framing and area separation wall.

5. **Gypsum Board** — Classified or Unclassified - Min 1/2 in thick, 4 ft wide, applied either horizontally or vertically. Gypsum board attached to studs with 1-1/4 in. long steel drywall nails space 8 in. OC or 1 in. long Hi-Lo steel screws spaced 12 in. OC. Vertical joints located over studs. Joints may or may not be covered with paper tape and joint compound. Nail or screw heads may or may not be covered with joint compound.

6. **Attachment Clips** — Aluminum angle, min. 0.063 in. thick, min 2 in. wide with min 2 in. and 2-1/4 in. legs or min. 0.050 in. thick, min. 2 in. wide with min 2 in. and 2-1/2 in. legs. Clips secured with Type S screws 3/8 in. long to "H" studs and with Type W screws 1-1/4 in. long to wood framing through holes provided in clip.

| System No. | Height Limitation |
|------------|-------------------|
| 1 | 23 ft |
| 2 | 44 ft |
| 3 | 66 ft |

The Finish Rating of the various Configurations is 120 minutes, unless Configuration A or C are used at a height exceeding 44 ft., in which case the Finish Rating is 115 min.

System 1

6A. Clip placement (Item 6) for separation walls up to 23 ft high: Space clips a max of 10 ft OC vertically between wood framing and "H" studs.

System 2

6B. Clip placement (Item 6) for separation walls up to 44 ft high. Space clips as described in Item 6A for upper 24 ft. Remaining wall area below requires clips spaced a max 5 ft OC vertically between wood framing and "H" studs.

System 3

6C. Clip placement (Item 6) for separation walls up to 66 ft high: Space clips as described in Item 6A for upper 24 ft. Space clips as described in item 6B for next 20 ft. below the upper 24 ft. Remaining wall area below requires clips spaced a max of 40 in. OC vertically between wood framing and "H" studs.

7. **Non-Bearing Wall Partition Intersection** — (Optional) Two nominal 2 by 4 in. stud or nominal 2 by 6 in. stud nailed together with two 3in. long 10d nails spaced a max. 16 in. OC. vertically and fastened to one side of the minimum 2 by 4 in. stud with 3 in. long 10d nails spaced a max 16 in. OC. vertically. Intersection between partition wood studs to be flush with the 2 by 4 in. studs. The wall partition wood studs are to be framed with a second 2 by 4 in. wood stud fastened with 3 in. long 10d nails spaced a max. 16 in. OC. vertically. Maximum one non-bearing wall partition intersection per stud cavity. Non-bearing wall partition stud depth shall be at a minimum equal to the depth of the wall.

*Bearing the UL Classification Mark

Last Updated on 2009-08-14

Questions?

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Page Top

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