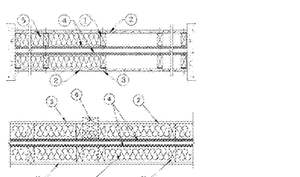

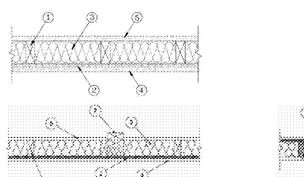

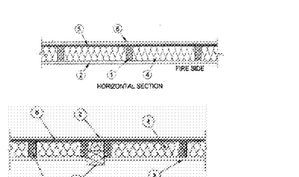

1 A0.14 U.L. DESIGN NO. U341

November 26, 2014
Bearing Wall Rating – 1 Hr.
Finish Rating – Hr 20 mn.

1. Hood Studs – Nom 2 by 4 in, spaced 24 in. OC max. Cross braced at mid-height and effectively firestopped at top and bottom of wall. No min. air space between stud row except to accommodate attachment of sheathing where required. See Items 4 and 5.

2. Gypsum Board* – Any 5/8 in. thick UL Classified Gypsum Board that is eligible for use in Design Nos. U301, U902 or U905. Nom 5/8 in. thick 4 ft. wide gypsum board or sag-resistant gypsum board applied horizontally or vertically, stress specified below, and nailed to studs and bearing plates 7 in. OC with bd cement coated nails, 1-7/8 in. long, 0.098 in. shank diam and 1/4 in. diam head. As an alternate, No. 8 bugle head drywall screws, 1-7/8 in. long may be substituted for the 6d cement coated nails.
When Steel Framing Members* (Item 6-8S) are used, wallboard attached to furring channels with 1 in. long Type S bugle-head steel screws spaced 12 in. OC.

When used in widths other than 48 in., gypsum board to be installed horizontally.
ACADIA DRYWALL SUPPLIES, LTD (View Classification) – CKNXR25970
AMERICAN GYPSUM CO (View Classification) – CKNXR14104
BELINO NEW BUILDING MATERIALS PUBLIC LTD CO – CKNXR18714
CERTAINTEED GYPSUM INC (View Classification) – CKNXR28560
GEC INC (View Classification) – CKNXR27511
CONTINENTAL BUILDING PRODUCTS OPERATING CO, L L C (View Classification) – CKNXR28462
GEORGIA-PACIFIC GYPSUM L L C (View Classification) – CKNXR27277
LOUGHMASTER SYSTEMS INC (View Classification) – CKNXR28504
NATIONAL GYPSUM CO (View Classification) – CKNXR28501
PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM (View Classification) – CKNXR27104
PANEL REY S A (View Classification) – CKNXR27116
SAINT-GYPSUM INDUSTRY (SARALBURG) CO LTD – CKNXR28262
THAI GYPSUM PRODUCTS PCL – CKNXR28104
UNITED STATES GYPSUM CO (View Classification) – CKNXR28141
USG BORAL DRYWALL SPZ LLC – CKNXR28430
USG MEXICO S A DE C V – CKNXR28504

2A. Gypsum Board* – (As an alternate to Item 2, not shown) – Nominal 5/8 in. thick, 4 ft. wide panels, applied vertically to studs and bearing plates on one side of the assembly with 1-5/8 in. long Type S screws spaced 12 in. OC at perimeter of panels and 8 in. OC in the field. Horizontal joints of vertically applied panels need not be backed by studs. Panel joints covered with paper tape and bed of joint compound. Screw-heads covered with bd layers of joint compound. Butts and blankets placed in stud cavities. Fire-rated Item 5 Mineral Fiber Batts. Not evaluated for use with Steel Framing Members or Furring Channels.
Fiber, Sprayed – See Item 5.
PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM – Type GuleRock GR-530 (Finish rating 25 mn).

2B. Gypsum Board* – (As an alternate to Item 2, not shown) – Any 5/8 in. thick gypsum panels that are eligible for use in Design No. U301, U902 or U905, assisted by the Classified Compositions listed below when in the Gypsum Board* (CKNX) category. Applied horizontally or vertically and attached to studs and bearing plates with 1-1/4 in. long Type S bugle-head steel screws spaced 8 in. OC. Panel joints covered with paper tape and bed of joint compound. Screw-heads covered with bd layers of joint compound. Butts and blankets placed in stud cavities. Fire-rated Item 5 Mineral Fiber Batts.
GEC Inc
UNITED STATES GYPSUM CO
USG BORAL DRYWALL SPZ LLC
USG MEXICO S A DE C V

2C. Gypsum Board* – (As an alternate to Item 2, not shown) – 5/8 in. thick gypsum panels applied horizontally or vertically to studs with bd cement coated nails or bugle-head screws as described in Item 2 except gypsum panel steel screws spaced a max 8 in. OC with last screw 1 in. from edge of board. When used in widths other than 48 in., gypsum board to be installed horizontally.
AMERICAN GYPSUM CO – Type C or Type X or Type XP.
NATIONAL GYPSUM CO – Type Gold Bond Brand, Type FSH-5, Type FSH-5S, Type FSH-6, Type FSK-C, Type FSH-C, Type FSHR-C, Type FSH-6, Type FSL.
THAI GYPSUM PRODUCTS PCL – Type C or Type X.

2D. Gypsum Board* – (As an alternate to Items 2, 2A, 2B and 2C) – 5/8 in. thick gypsum panels, with square edges, applied either horizontally or vertically. Gypsum panels fastened to framing with 1-1/4 in. long Type M coarse thread gypsum panel steel screws spaced a max 8 in. OC, with last screw 1 in. from edge of board or fastened as described in Item 2, when used in widths other than 48 in., gypsum boards are to be installed horizontally.
PABCO BUILDING PRODUCTS L L C – GreenGlue Type X, Type GP66.

2E. Gypsum Board* – (As an alternate to Items 2 through 2D) – 5/8 in. thick, 4 ft. wide, paper surfaced, applied vertically only and secured as described in Item 2.
GEORGIA-PACIFIC GYPSUM L L C – Type X Comfortboard Sound Deadening Gypsum Board.

2F. Gypsum Board* – (As an alternate to Items 2 through 2D) – Installed as described in Item 2, 5/8 in. thick, 4 ft. wide, paper surfaced, applied vertically only, and fastened to the studs and plates with bd cement coated nails 1-7/8 in. long, 0.0915 in. shank diam and 1/4 in. diam heads, T in. OC. Not for use with Item 16.
NATIONAL GYPSUM CO – SoundBreak XP Type X Gypsum Board

2G. Gypsum Board* – (As an alternate to Items 2 through 2F) – Nominal 5/8 in. thick, 4 ft. wide panels, applied vertically and secured as described in Item 2.
PABCO BUILDING PRODUCTS L L C – Type GuleRock FS.

2H. Gypsum Board* – (As an alternate to Items 2 through 2G) – Installed as described in Item 2, 5/8 in. thick, 4 ft. wide, paper surfaced, applied vertically only, and fastened to the studs and plates with bd cement coated nails 1-7/8 in. long, 0.0915 in. shank diam and 1/4 in. diam heads, T in. OC. Not for use with Item 16.
GERTAINTEED GYPSUM INC – Type SilentFX

2I. Nail and Partition Facings and Accessories* – (As an alternate to Items 2 through 2H) – Nominal 5/8 in. thick, 4 ft. wide panels, applied vertically and secured as described in Item 2.
PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM – Type GuleRock GR-530 and GR-910.

2J. Gypsum Board* – (As an alternate to 5/8 in. Type FSH-1 in Item 2) – 2 layers nom. 5/16 in. thick gypsum panels, applied vertically, with joints of each layer staggered with joints of adjoining panels. Inner layer attached with 1-1/4 in. long Type G coarse thread gypsum panel screws spaced a max 16 in. OC. Outer layer attached with 1-5/8 in. long Type S bugle-head steel screws spaced 12 in. OC.

2K. Gypsum Board* – (As an alternate to Item 2) – 5/8 in. thick gypsum panels, with beveled, square, or tapered edges, applied either horizontally or vertically. Gypsum panels fastened to framing with 1-1/4 in. long Type G coarse thread gypsum panel screws spaced a max 12 in. OC with last screw 1 in. from edge of board. When used in widths other than 48 in., gypsum panels to be installed horizontally.
CONTINENTAL BUILDING PRODUCTS OPERATING CO, L L C – Types LGFC21, LGFC26A, LGFC-G, LGFC-GC and LGFC-GCA.
GEORGIA-PACIFIC GYPSUM L L C – Types 19-C, Type X, Veneer Plaster Base, Type X, Holzer Rated-Type X, Sheathing Type-X, Soffit-Type X, Type X Coreboard, Sag-Resistant, Type X, Fire-Shield, Type X, Fire-Shield Lite, Type X, Soffit-Type X, Fire-Shield Lite, Type X, Veneer Plaster Base-