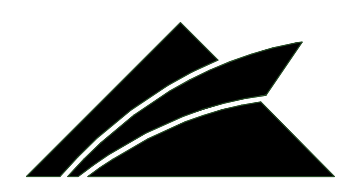


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D	<p>This detail has not been reviewed by the stamping party. Therefore, the stamping party makes no representation(s) with respect to its contents, and shall not be liable for such. This detail is for reference only. Any reliance on this detail shall be at the relying party(ies)'s own risk and hereby waives any and all claim(s) related to the existence of the stamp or otherwise.</p> <p>2K. Framing Members* — Steel Studs — As an alternate to Item 2 — For use with Item 1, channel shaped studs, fabricated from min 25 MSG corrosion-protected steel, min depth as indicated under Item 5, spaced a max of 24 in. OC. Studs to be cut 3/8 to 3/4 in. less than assembly height.</p> <p>EB METAL INC — NITROSTUD</p>																																																																																								
	<p>2L. Framing Members* — Steel Studs — As an alternate to Item 2 — For use with Item 1, channel shaped studs, fabricated from min 25 MSG corrosion-protected steel, min depth as indicated under Item 5, spaced a max of 24 in. OC. Studs to be cut 3/8 to 3/4 in. less than assembly height.</p> <p>OLMAR SUPPLY INC — PRIMESTUD</p>																																																																																								
	<p>2M. Framing Members* — Steel Studs — As an alternate to Item 2 — For use with Item 1, channel shaped studs, fabricated from min 25 MSG corrosion-protected steel, min depth as indicated under Item 5, spaced a max of 24 in. OC. Studs to be cut 3/8 to 3/4 in. less than assembly height.</p> <p>MARINO/WARE, DIV OF WARE INDUSTRIES INC — StudRite™</p>																																																																																								
C	<p>2N. Framing Members* — Steel Studs — As an alternate to Item 2 — proprietary channel shaped steel studs, min depth 3-1/2 in. and as indicated under Item 5, spaced a max of 24 in. OC, fabricated from min 0.018 in. thick galv steel. Studs cut 3/8 in. to 3/4 in. less in length than assembly height.</p> <p>RESCUE METAL FRAMING, L L C — AlphaSTUD</p>																																																																																								
	<p>2O. Framing Members* — Steel Studs — As an alternate to Item 2 — proprietary channel shaped steel studs, min width as indicated under Item 5, galv steel. Studs to be cut 3/8 to 3/4 in. less in lengths than assembly height. Spaced 24 in. OC max.</p> <p>RONDO BUILDING SERVICES PTY LTD — Rondo Lipped Wall Stud</p>																																																																																								
	<p>2P. Framing Members* — Steel Studs — As an alternate to Item 2 — proprietary channel shaped steel studs, min width as indicated under Item 5, min 25 MSG galv steel. Studs to be cut 3/8 to 3/4 in. less in lengths than assembly height. Spaced 24 in. OC max.</p> <p>OEG BUILDING MATERIALS — OEG Stud</p>																																																																																								
	<p>2Q. Framing Members* — Steel Studs — Not Shown — In lieu of Item 2 — For use with Item 1O, proprietary channel shaped steel studs, min depth as indicated under Item 5, spaced a max of 24 in. OC, fabricated from min 25 MSG (0.018 in. min. bare metal thickness). Studs cut 3/8 in. to 3/4 in. less in lengths than assembly heights.</p> <p>CALIFORNIA EXPANDED METAL PRODUCTS CO — Viper X</p>																																																																																								
	<p>3. Wood Structural Panel Sheathing — (Optional, For use with Item 5 Only) — (Not Shown) — 4 ft wide, 7/16 in. thick oriented strand board (OSB) or 15/32 in. thick structural 1 sheathing (plywood) complying with DOC PS1 or PS2, or APA Standard PRP-108, manufactured with exterior glue, applied horizontally or vertically to the steel studs. Vertical joints centered on studs, and staggered one stud space from wallboard joints. Attached to studs with flat-head self-drilling tapping screws with a min. head diam. of 0.292 in. at maximum 6 in. OC. in the perimeter and 12 in. OC. in the field. When used, gypsum panels attached over OSB or plywood panels and fastener lengths for gypsum panels increased by min. 1/2 in.</p>																																																																																								
	<p>4. Batts and Blankets* — (Required as indicated under Item 5) — Mineral wool batts, friction fitted between studs and runners. Min nom thickness as indicated under Item 5.</p>																																																																																								
B	<p>See Batts and Blankets (BKNV or BZIJ) Categories for names of Classified companies.</p>																																																																																								
	<p>4A. Batts and Blankets* — (Optional) — Placed in stud cavities, any glass fiber or mineral wool insulation bearing the UL Classification Marking as to Surface Burning Characteristics and/or Fire Resistance.</p> <p>See Batts and Blankets (BKNV or BZIJ) Categories for names of Classified companies.</p>																																																																																								
	<p>4B. Fiber, Sprayed* — (Optional, for use with Type ULIX) Where insulation is required - Spray applied granulated mineral fiber material. The fiber is applied with adhesive at a minimum density of 4.0 pcf to completely fill the wall cavity in accordance with the application instructions supplied with the product. See Fiber, Sprayed (CCA2).</p> <p>AMERICAN ROCKWOOL MANUFACTURING, LLC — Type Rockwool Premium Plus</p>																																																																																								
A	<p>5. Gypsum Board* — Gypsum panels with beveled, square or tapered edges, applied vertically or horizontally. Vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Vertical joints in adjacent layers (multilayer systems) staggered one stud cavity. Horizontal joints need not be backed by steel framing. Horizontal edge joints and horizontal butt joints on opposite sides of studs need not be staggered. Horizontal edge joints and horizontal butt joints in adjacent layers (multilayer systems) staggered a min of 12 in. Horizontal edge joints and horizontal butt joints in adjacent layers (multilayer systems) with Type ULIX need not be staggered. The thickness and number of layers for the 1 hr, 2 hr, 3 hr and 4 hr ratings are as follows:</p> <table><tr><th colspan="4">Gypsum Board Protection on Each Side of Wall</th></tr><tr><th>Rating, Hr</th><th>Min Stud Depth, in. Items 2, 2C, 2D, 2F, 2G, 2O</th><th>No. of Layers & Thkns of Panel</th><th>Min Thkns of Insulation (Item 4)</th></tr><tr><td>1</td><td>3-1/2</td><td>1 layer, 5/8 in. thick</td><td>Optional</td></tr><tr><td>1</td><td>2-1/2</td><td>1 layer, 1/2 in. thick</td><td>1-1/2 in.</td></tr><tr><td>1</td><td>1-5/8</td><td>1 layer, 3/4 in. thick</td><td>Optional</td></tr><tr><td>2</td><td>1-5/8</td><td>2 layers, 1/2 in. thick</td><td>Optional</td></tr><tr><td>2</td><td>1-5/8</td><td>2 layers, 5/8 in. thick</td><td>Optional</td></tr><tr><td>2</td><td>3-1/2</td><td>1 layer, 3/4 in. thick</td><td>3 in.</td></tr><tr><td>3</td><td>1-5/8</td><td>3 layers, 1/2 in. thick</td><td>Optional</td></tr><tr><td>3</td><td>1-5/8</td><td>2 layers, 3/4 in. thick</td><td>Optional</td></tr><tr><td>3</td><td>1-5/8</td><td>3 layers, 5/8 in. thick</td><td>Optional</td></tr><tr><td>4</td><td>1-5/8</td><td>4 layers, 5/8 in. thick</td><td>Optional</td></tr><tr><td>4</td><td>1-5/8</td><td>4 layers, 1/2 in. thick</td><td>Optional</td></tr><tr><td>4</td><td>2-1/2</td><td>2 layers, 3/4 in. thick</td><td>2 in.</td></tr></table> <p>CGC INC — 1/2 in. thick Type C, IP-X2 or IPC-AR; WRC, 5/8 in. thick Type AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, ULIX, WRX or WRC; 3/4 in. thick Types IP-X3 or ULTRACODE</p> <p>THE SIAM GYPSUM INDUSTRY (SONGKHLA) CO — 1/2 in. thick Type C and 5/8 in. thick Type SCX</p> <p>UNITED STATES GYPSUM CO — 1/2 in. thick Type C, IP-X2, IPC-AR or WRC; 5/8 in. thick Type SCX, SGX, SHX, ULIX, WRX, IP-X1, AR, C, WRC, FRX-G, IP-AR, IP-X2, IPC-AR; 3/4 in. thick Types IP-X3 or ULTRACODE</p> <p>USG BORAL DRYWALL SFZ LLC — 1/2 in. Type C; 5/8 in. Types C, SCX, SGX, ULTRACODE</p> <p>USG MEXICO S A DE C V — 1/2 in. thick Type C, IP-X2, IPC-AR or WRC; 5/8 in. thick Type AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, WRX, WRC or; 3/4 in. thick Types IP-X3 or ULTRACODE</p> <p>When Item 7B, Steel Framing Members*, is used, Nonbearing Wall Rating is limited to 1 Hr. Min. stud depth is 3-1/2 in., min. thickness of insulation (Item 4) is 3 in., and two layers of gypsum board panels (1/2 in. or 5/8 in. thick) shall be attached to furring channels as described in Item 6. One layer of gypsum board panels (1/2 in. or 5/8 in. thick) attached to opposite side of stud without furring channels as described in Item 6.</p> <p>5A. Gypsum Board* — (As an alternate to Item 5) — 5/8 in. thick, 24 to 54 in. wide, applied horizontally as the outer layer to one side of the assembly. Secured as described in Item 6.</p> <p>CGC INC — Type SHX.</p> <p>UNITED STATES GYPSUM CO — Type FRX-G, SHX.</p> <p>USG MEXICO S A DE C V — Type SHX.</p> <p>5B. Gypsum Board* — (Not Shown) — As an alternate to Item 5 when used as the base layer on one or both sides of wall when 5/8 in or 3/4 in. thick products are specified. For direct attachment only to steel studs Item 2A, (not to be used with Item 3) — Nom 5/8 in. or 3/4 in. may be used as alternate to all 5/8 in. or 3/4 in. shown in Item 5, Wallboard Protection on Each Side of Wall table. Nom 5/8 in. or 3/4 in. may be used as alternate to all 5/8 in. or 3/4 in. shown in Item 5, Wallboard Protection on Each Side of Wall table. Nom 5/8 in. or 3/4 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over 20 MSG steel studs and staggered min 1 stud cavity on opposite sides of studs. Wallboard secured to studs with 1-1/4 in. long Type S-12 steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. Gypsum board secured to 20 MSG steel studs Item 2A with 1-1/4 in. long Type S-12 steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. To be used with Lead Batten Strips (see Item 11) or Lead Discs or Tabs (see Item 12).</p> <p>RAY-BAR ENGINEERING CORP — Type RB-LBG</p> <p>5C. Gypsum Board* — (For Use With Item 2B) — Rating Limited to 1 Hour. 5/8 in. thick, 48 in. wide, Gypsum panels with beveled, square or tapered edges, applied vertically or horizontally. (Vertical Application) - The gypsum board is to be installed on each side of the studs with 1 in. long Type S coated steel screws spaced 8 in. OC starting 4 in. from the edge of the board at the vertical edges and 12 in. OC starting 6 in. from the edge of the board at the center of each board. Gypsum boards are to be secured to the top and bottom track with screws spaced 8 in. OC starting 4 in. from the board edge. Fasteners shall not penetrate through both the stud and the track at the same time. Vertical joints are to be centered over studs and staggered one stud cavity on opposite sides of studs. (Horizontal Application) - The gypsum board is to be installed on each side of the studs with 1 in. long Type S coated steel screws spaced 8 in. OC starting 4 in. from the edge of the board at the vertical edges and 12 in. OC starting 6 in. from the edge of the board at the center of each board. Gypsum boards are to be secured to the top and bottom track with screws spaced 8 in. OC starting 4 in. from the board edge. Fasteners shall not penetrate through both the stud and the track at the same time. All horizontal joints are to be backed as outlined under section VI of Volume 1 in the Fire Resistive Directory.</p> <p>CGC INC — Type SCX, ULIX.</p> <p>THE SIAM GYPSUM INDUSTRY (SONGKHLA) CO — Type SCX</p> <p>UNITED STATES GYPSUM CO — Type SCX, SGX, ULIX.</p> <p>USG BORAL DRYWALL SFZ LLC — Type SCX</p> <p>USG MEXICO S A DE C V — Type SCX</p> <p>5D. Gypsum Board* — (As an alternate to Item 5) — 5/8 in. thick, 48 in. wide, applied vertically or horizontally. Secured as described in Item 6. For use with Items 1 and 2 only.</p> <p>CGC INC — Type USGX.</p> <p>UNITED STATES GYPSUM CO — Type USGX</p> <p>USG BORAL DRYWALL SFZ LLC — Type USGX</p> <p>USG MEXICO S A DE C V — Type USGX</p> <p>5E. Gypsum Board* — (Not Shown) — (As an alternate to Item 5 when used as the base layer on one or both sides of wall when 1/2 in. or 5/8 in. thick products are specified, For direct attachment only to steel studs Item 2A, not to be used with Item 3). Nominal 5/8 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Wallboard secured to studs with 1-1/4 in. long Type S-12 (or No. 6 by 1-1/4 in. long bugle head fine drillr) steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field.</p> <p>NEW ENGLAND LEAD BURNING CO INC, DBA NELCO — Nelco</p> <p>5F. Gypsum Board* — (As an alternate to Item 5) — For use with Items 1E and 2E and limited to 1 Hour Rating only, Gypsum panels with beveled, square or tapered edges, applied vertically, and fastened to the steel studs with 1 in. long Type S screws spaced 8 in. OC along vertical and bottom edges and 12 in. OC in the field. Vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Steel stud depth shall be a minimum 3-5/8 in.</p> <p>THE SIAM GYPSUM INDUSTRY (SONGKHLA) CO — Type SCX</p> <p>UNITED STATES GYPSUM CO — 5/8 in. thick Type SCX, SGX, ULIX</p> <p>USG BORAL DRYWALL SFZ LLC — 5/8 in. thick Type SCX, SGX</p> <p>5G. Gypsum Board* — (As an alternate to Item 5) — For use with Items 1E and 2E only, Gypsum panels with beveled, square or tapered edges, applied vertically or horizontally, as specified in the table below and fastened to the steel studs as described in Item 6. Vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Vertical joints in adjacent layers (multilayer systems) staggered one stud cavity. Horizontal joints need not be backed by steel framing. Horizontal edge joints and horizontal butt joints on opposite sides of studs need not be staggered. Horizontal edge joints and horizontal butt joints in adjacent layers (multilayer systems) staggered a min of 12 in. The thickness and number of layers for the 2 hr, 3 hr and 4 hr ratings are as follows:</p> <table><tr><th colspan="4">Gypsum Board Protection on Each Side of Wall</th></tr><tr><th>Rating, Hr</th><th>Min Stud Depth, in. Item 2E</th><th>No. of Layers & Thickness of Panel</th><th>Min Thkns of Insulation (Item 4)</th></tr><tr><td>2</td><td>1-5/8</td><td>2 layers, 1/2 in. thick</td><td>Optional</td></tr><tr><td>2</td><td>1-5/8</td><td>2 layers, 5/8 in. thick</td><td>Optional</td></tr><tr><td>3</td><td>1-5/8</td><td>3 layers, 1/2 in. thick</td><td>Optional</td></tr><tr><td>3</td><td>1-5/8</td><td>3 layers, 5/8 in. thick</td><td>Optional</td></tr><tr><td>4</td><td>1-5/8</td><td>4 layers, 5/8 in. thick</td><td>Optional</td></tr></table> <p>CGC INC — 1/2 in. thick Type C, IP-X2 or IPC-AR; WRC, 5/8 in. thick Type AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, ULIX, WRX or WRC; 3/4 in. thick Types IP-X3 or ULTRACODE</p> <p>THE SIAM GYPSUM INDUSTRY (SONGKHLA) CO — 1/2 in. thick Type C and 5/8 in. thick Type SCX</p> <p>UNITED STATES GYPSUM CO — 1/2 in. thick Type C, IP-X2, IPC-AR or WRC; 5/8 in. thick Type SCX, SGX, SHX, ULIX, WRX, IP-X1, AR, C, WRC, FRX-G, IP-AR, IP-X2, IPC-AR; 3/4 in. thick Types IP-X3 or ULTRACODE</p> <p>USG BORAL DRYWALL SFZ LLC — 1/2 in. Type C; 5/8 in. Types C, SCX, SGX, ULTRACODE</p> <p>USG MEXICO S A DE C V — 1/2 in. thick Type C, IP-X2, IPC-AR or; 5/8 in. thick Type AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, or; 3/4 in. thick Types IP-X3 or ULTRACODE</p> <p>5H. Gypsum Board* — (Not Shown) — (As an alternate to Item 5 when used as the base layer on one or both sides of wall when 5/8 or 3/4 in. thick products are specified. For direct attachment only to steel studs Item 2A, (not to be used with Item 3) - Nom 5/8 or 3/4 in. may be used as alternate to all 5/8 or 3/4 in. shown in Item 5, Wallboard Protection on Each Side of Wall table. Nom 5/8 or 3/4 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over 20 MSG steel studs and staggered min 1 stud cavity on opposite sides of studs. Wallboard secured to studs with 1-1/4 in. long Type S-12 steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. Gypsum board secured to 20 MSG steel studs Item 2B with 1-1/4 in. long Type S-12 steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. For Joint Compound see Item 5. To be used with Lead Batten Strips (see Item 11A) or Lead Discs (see Item 12A).</p> <p>MAYCO INDUSTRIES INC — Type X-Ray Shielded Gypsum</p> <p>5I. Gypsum Board* — (As an alternate to Item 5) — Nom. 5/8 in. thick gypsum panels with beveled, square or tapered edges installed as described in Item 5. Steel stud minimum depth shall be as indicated in Item 5.</p> <p>CGC INC — Type ULIX, ULX</p> <p>UNITED STATES GYPSUM CO — Type ULIX, ULX</p> <p>USG MEXICO S A DE C V — Type ULX</p> <p>5J. Gypsum Board* — (Not Shown) — (As an alternate to Item 5 when used as the base layer on one or both sides of wall when 1/2 in. or 5/8 in. thick products are specified. For direct attachment only to steel studs Item 2A, not to be used with Item 3). Nom 5/8 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Wallboard secured to studs with 1-1/4 in. long Type S-12 steel screws gypsum panel steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. Lead batten strips required behind vertical joints of lead backed gypsum wallboard and optional at remaining stud locations. Lead batten strips, min 2 in. wide, max 8 ft long with a max thickness of 0.14 in. placed on the face of studs and attached to the stud with construction adhesive and two 1 in. long Type S-12 pan head steel screws, one at the top of the strip and one at the bottom of the strip. Lead discs, nominal 3/8 in. diam by max 0.085 in. thick. Compression fitted or adhered over the screw heads. Lead batten strips and discs to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C".</p> <p>RADIATION PROTECTION PRODUCTS INC — Type RPP - Lead Lined Drywall</p> <p>6. Fasteners — (Not Shown) — For use with Items 2 and 2F - Type S or S-12 steel screws used to attach panels to studs (Item 2) or furring channels (Item 7). Single layer systems: 1 in. long for 1/2 and 5/8 in. thick panels or 1-1/4 in. long for 3/4 in. thick panels, spaced 8 in. OC when panels are applied horizontally, or 8 in. OC along vertical and bottom edges and 12 in. OC in the field when panels are applied vertically. Single layer system with Type ULIX: 1 in. long, spaced 12 in. OC in the field and perimeter, when panels are applied horizontally or vertically. Two layer systems: First layer- 1 in. long for 1/2 and 5/8 in. thick panels or 1-1/4 in. long for 3/4 in. thick panels, spaced 16 in. OC. Second layer- 1-5/8 in. long for 1/2 in. 5/8 in. thick panels or 2-1/4 in. long for 3/4 in. thick panels, spaced 16 in. OC with screws offset 8 in. from first layer. Three layer systems: First layer- 1 in. long for 1/2 in., 5/8 in. thick panels, spaced 24 in. OC. Second layer- 1-5/8 in. long for 1/2 in., 5/8 in. thick panels, spaced 24 in. OC. Third layer- 2-1/4 in. long for 1/2 in., 5/8 in. thick panels or 2-5/8 in. long for 5/8 in. thick panels, spaced 12 in. OC. Screws offset min 6 in. from layer below. Four-layer systems: First layer- 1 in. long for 1/2 in., 5/8 in. thick panels, spaced 24 in. OC. Second layer- 1-5/8 in. long for 1/2 in., 5/8 in. thick panels, spaced 24 in. OC. Third layer- 2-1/4 in. long for 1/2 in. thick panels or 2-5/8 in. long for 5/8 in. thick panels, spaced 24 in. OC. Fourth layer- 2-5/8 in. long for 1/2 in. thick panels or 3 in. long for 5/8 in. thick panels, spaced 12 in. OC. Screws offset min 6 in. from layer below.</p> <p>7. Furring Channels — (Optional, Not Shown, for single or double layer systems) — Resilient furring channels fabricated from min 25 MSG corrosion-protected steel, spaced vertically a max of 24 in. OC. Flange portion attached to each intersecting stud with 1/2 in. long Type S-12 steel screws. Not for use with Item 5A.</p> <p>7A. Framing Members* — (Optional on one or both sides, not shown, for single or double layer systems) — As an alternate to Item 7, furring channels and Steel Framing Members as described below:</p> <p>a. Furring Channels — Formed of No. 25 MSG galv steel. 2-9/16 in. or 2-23/32 in. wide by 7/8 in. deep, spaced max. 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Gypsum board attached to furring channels as described in Item 6. Not for use with Item 5A.</p> <p>b. Steel Framing Members* — Used to attach furring channels (Item 7Aa) to studs (Item 2). Clips spaced max. 48 in. OC. RSIC-1 and RSIC-1 (2.75) clips secured to studs with No. 8 x 1-1/2 in. minimum self-drilling, S-12 steel screw through the center grommet. RSIC-V and RSIC-V (2.75) clips secured to studs with No. 8 x 9/16 in. minimum self-drilling, S-12 steel screw through the center hole. Furring channels are friction fitted into clips. RSIC-1 and RSIC-V clips for use with 2-9/16 in. wide furring channels. RSIC-1 (2.75) and RSIC-V (2.75) clips for use with 2-23/32 in. wide furring channels.</p> <p>PAC INTERNATIONAL L L C — Types RSIC-1, RSIC-V, RSIC-1 (2.75), RSIC-V (2.75).</p> <p>7B. Framing Members* — (Optional, Not Shown) — As an alternate to Item 7, for single or double layer systems, furring channels and Steel Framing Members on only one side of studs as described below:</p> <p>a. Furring Channels — Formed of No. 25 MSG galv steel, spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Batts and Blankets placed in stud cavity as described in Item 5. Two layers of gypsum board attached to furring channels as described in Item 5. Not for use with Item 5A.</p> <p>b. Steel Framing Members* — Used to attach furring channels (Item 7Ba) to one side of studs (Item 2) only. Clips spaced 48 in. OC., and secured to studs with two No. 8 x 2-1/2 in. coarse drywall screws, one through the hole at each end of the clip. Furring channels are friction fitted into clips.</p> <p>KINETICS NOISE CONTROL INC — Type Isomax</p> <p>7C. Framing Members* — (Not Shown) — (Optional on one or both sides, not shown, for single or double layer systems) — As an alternate to Item 7, furring channels and Steel Framing Members as described below:</p> <p>a. Furring Channels — Formed of No. 25 MSG galv steel. 2-3/8 in. wide by 7/8 in. deep, spaced max. 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Gypsum board attached to furring channels as described in Item 6. Not for use with Item 5A.</p> <p>b. Steel Framing Members* — Used to attach furring channels (Item 7Ca) to studs (Item 2). Clips spaced max. 48 in. OC. GENIECLIPS secured to studs with No. 8 x 1-1/2 in. minimum self-drilling, S-12 steel screw through the center grommet. Furring channels are friction fitted into clips.</p> <p>PLITEQ INC — Type GENIECLIP</p>					Gypsum Board Protection on Each Side of Wall				Rating, Hr	Min Stud Depth, in. Items 2, 2C, 2D, 2F, 2G, 2O	No. of Layers & Thkns of Panel	Min Thkns of Insulation (Item 4)	1	3-1/2	1 layer, 5/8 in. thick	Optional	1	2-1/2	1 layer, 1/2 in. thick	1-1/2 in.	1	1-5/8	1 layer, 3/4 in. thick	Optional	2	1-5/8	2 layers, 1/2 in. thick	Optional	2	1-5/8	2 layers, 5/8 in. thick	Optional	2	3-1/2	1 layer, 3/4 in. thick	3 in.	3	1-5/8	3 layers, 1/2 in. thick	Optional	3	1-5/8	2 layers, 3/4 in. thick	Optional	3	1-5/8	3 layers, 5/8 in. thick	Optional	4	1-5/8	4 layers, 5/8 in. thick	Optional	4	1-5/8	4 layers, 1/2 in. thick	Optional	4	2-1/2	2 layers, 3/4 in. thick	2 in.	Gypsum Board Protection on Each Side of Wall				Rating, Hr	Min Stud Depth, in. Item 2E	No. of Layers & Thickness of Panel	Min Thkns of Insulation (Item 4)	2	1-5/8	2 layers, 1/2 in. thick	Optional	2	1-5/8	2 layers, 5/8 in. thick	Optional	3	1-5/8	3 layers, 1/2 in. thick	Optional	3	1-5/8	3 layers, 5/8 in. thick	Optional	4	1-5/8	4 layers, 5/8 in. thick	Optional
	Gypsum Board Protection on Each Side of Wall																																																																																								
	Rating, Hr	Min Stud Depth, in. Items 2, 2C, 2D, 2F, 2G, 2O	No. of Layers & Thkns of Panel	Min Thkns of Insulation (Item 4)																																																																																					
1	3-1/2	1 layer, 5/8 in. thick	Optional																																																																																						
1	2-1/2	1 layer, 1/2 in. thick	1-1/2 in.																																																																																						
1	1-5/8	1 layer, 3/4 in. thick	Optional																																																																																						
2	1-5/8	2 layers, 1/2 in. thick	Optional																																																																																						
2	1-5/8	2 layers, 5/8 in. thick	Optional																																																																																						
2	3-1/2	1 layer, 3/4 in. thick	3 in.																																																																																						
3	1-5/8	3 layers, 1/2 in. thick	Optional																																																																																						
3	1-5/8	2 layers, 3/4 in. thick	Optional																																																																																						
3	1-5/8	3 layers, 5/8 in. thick	Optional																																																																																						
4	1-5/8	4 layers, 5/8 in. thick	Optional																																																																																						
4	1-5/8	4 layers, 1/2 in. thick	Optional																																																																																						
4	2-1/2	2 layers, 3/4 in. thick	2 in.																																																																																						
Gypsum Board Protection on Each Side of Wall																																																																																									
Rating, Hr	Min Stud Depth, in. Item 2E	No. of Layers & Thickness of Panel	Min Thkns of Insulation (Item 4)																																																																																						
2	1-5/8	2 layers, 1/2 in. thick	Optional																																																																																						
2	1-5/8	2 layers, 5/8 in. thick	Optional																																																																																						
3	1-5/8	3 layers, 1/2 in. thick	Optional																																																																																						
3	1-5/8	3 layers, 5/8 in. thick	Optional																																																																																						
4	1-5/8	4 layers, 5/8 in. thick	Optional																																																																																						

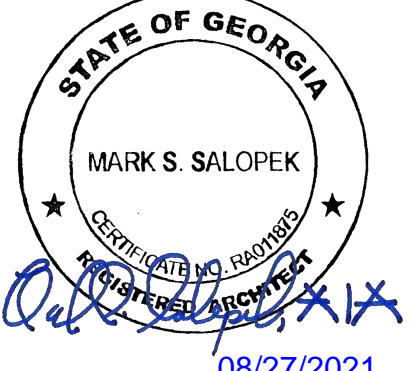


GPD GROUP
Professional Corporation
520 S. MAIN ST.
SUITE 2531
AKRON, OH 44311
PHONE: 330.572.2100
FAX: 330.572.2101

DESCRIPTION

DATE

REV.



STATE OF GEORGIA
MARK S. SALOPEK
GOVERNOR
08/27/2021

MARIETTA HWY & I-575
5068 MARIETTA HIGHWAY
CANTON, GA 30114

UL DETAILS

	DATE
ISSUED FOR CONSTRUCTION	
BID	
PROJECT MANAGER	DESIGNER
AK	DB

JOB NO.

2020379.07

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