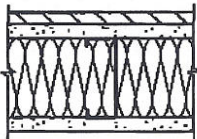
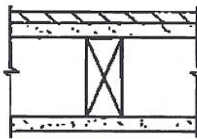


<b>EXTERIOR WALLS</b>																	
<b>GA FILE NO. WP 8006</b>	<b>PROPRIETARY*</b>	<b>1 HOUR FIRE</b>															
<p style="text-align: center;"><b>GYPSUM WALLBOARD, GLASS MAT GYPSUM SUBSTRATE, STEEL STUDS, MINERAL OR GLASS FIBER INSULATION</b></p> <p><b>EXTERIOR SIDE:</b> One layer 5/8" proprietary type X glass mat gypsum substrate (sheathing) applied parallel to 3 1/2" 20 gage steel studs 24" o.c. with 1" Type S-12, self-drilling, corrosion resistant, bugle head, drywall screws 12" o.c. Studs attached to both vertical legs of floor and ceiling runners either by welding or with 1/2" Type S-12 pan head screws. Mineral or glass fiber insulation friction fit into the stud space. Exterior cladding to be attached through glass mat gypsum panel to studs.</p> <p><b>INTERIOR SIDE:</b> One layer 5/8" proprietary type X gypsum board applied parallel to studs with 1" Type S-12 drywall screws 12" o.c.</p> <p><b>Bracing:</b> Lateral bracing spaced not over 40" o.c. shall be 1" by 18 gage steel straps attached to each side or channel bracing attached to each stud with a clip angle. For studs with holes or punch-outs in the web the "Q" factor shall be determined by means of stub column tests. Tested at 100 percent of design load. <b>(LOAD-BEARING)</b></p> <p style="text-align: center;"><b>PROPRIETARY GYPSUM PANEL PRODUCTS</b></p> <table border="0"> <tr> <td>BPB America Inc.</td> <td>-</td> <td>5/8" ProRoc® Type X Gypsum Panels</td> </tr> <tr> <td></td> <td>-</td> <td>5/8" GlasRoc® Sheathing Type X</td> </tr> <tr> <td>BPB Canada Inc.</td> <td>-</td> <td>5/8" ProRoc® Type X Gypsum Panels</td> </tr> <tr> <td>G-P Gypsum</td> <td>-</td> <td>5/8" ToughRock® Fireguard®</td> </tr> <tr> <td></td> <td>-</td> <td>5/8" DensGlass Gold® Fireguard®</td> </tr> </table>		BPB America Inc.	-	5/8" ProRoc® Type X Gypsum Panels		-	5/8" GlasRoc® Sheathing Type X	BPB Canada Inc.	-	5/8" ProRoc® Type X Gypsum Panels	G-P Gypsum	-	5/8" ToughRock® Fireguard®		-	5/8" DensGlass Gold® Fireguard®	 <p style="text-align: center;"><b>FIRE SIDE</b></p> <p>Thickness: 4 3/4"                  Approx. Weight: 6 psf                  Fire Test: UL R3660/R15187, 01NK21103, 2-4-02, UL Design U425</p>
BPB America Inc.	-	5/8" ProRoc® Type X Gypsum Panels															
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<b>GA FILE NO. WP 8105</b>	<b>GENERIC</b>	<b>1 HOUR FIRE</b>															
<p style="text-align: center;"><b>GYPSUM WALLBOARD, GYPSUM SHEATHING, WOOD STUDS</b></p> <p><b>EXTERIOR SIDE:</b> One layer 48" wide 5/8" type X gypsum sheathing applied parallel to 2 x 4 wood studs 24" o.c. with 1 3/8" galvanized roofing nails 4" o.c. at vertical joints and 7" o.c. at intermediate studs and top and bottom plates. Joints of gypsum sheathing may be left untreated. Exterior cladding to be attached through sheathing to studs.</p> <p><b>INTERIOR SIDE:</b> One layer 5/8" type X gypsum wallboard, water-resistant gypsum backing board, or gypsum veneer base applied parallel or at right angles to studs with 6d coated nails, 17/8" long, 0.0915" shank, 1/4" heads, 7" o.c. <b>(LOAD-BEARING)</b></p>		 <p>Thickness: Varies                  Approx. Weight: 7 psf                  Fire Test: See WP 3510 (UL R3501-47, -48, 9-17-65, UL Design U309; UL R1319-129, 7-22-70, UL Design U314)</p>															

\*Contact the manufacturer for more detailed information on proprietary products.