

SECTION 09 21 16

GYPSUM BOARD ASSEMBLIES

This document is intended to note the Owners Design Requirements (ODR) for the titled specification section. Design professional to review and integrate ODR into the project's technical specifications. This ODR document should not be viewed as a standalone technical specification.

PART 1 - GENERAL REQUIREMENTS

N/A

PART 2 - PRODUCTS AND MATERIALS

- ◆ Acceptable Manufacturers - gypsum board system
 - United States Gypsum Co.
 - Celotex.
 - Georgia Pacific.
 - Pabco.
 - James Hardie Gypsum
- ◆ Framing Materials
 - Studs and Tracks: ANSI/ASTM C645; galvanized, sizes and shapes shown on the drawings. Provide 20 gauge C studs unless noted otherwise. Framing shown as 18 gauge or heavier is specified under Section 05 40 00 - Cold Formed Metal Framing.
 - Backing: Galvanized sheet metal, 20 gauge.
 - Resilient Channels: 25 ga. hat shaped formed steel.
 - Furring Channels: 20 ga., 7/8" hat shaped formed steel.
 - Ceiling Channels: 16 ga., 1-1/2" cold rolled galvanized steel.
 - Hanger Wire: 8 ga. galvanized steel.
 - Ceiling Struts: Pre-manufactured struts, specifically designed for horizontal restraint of suspended ceiling systems, similar to USG'S Donn Compression Posts.
 - Ceiling Edge Reveal: 20 gage sheet metal in size and configuration as shown on drawings.
 - Shaft Wall Systems: Materials and methods in accordance with agency rating requirements.
- ◆ GYPSUM BOARD MATERIALS
 - Gypsum Board: ANSI/ASTM C36; fire resistive type X, UL rated; 5/8 inch, maximum permissible length; ends square cut, tapered edges.
 - Moisture Resistant Gypsum Board: ANSI/ASTM C630; 5/8 inch, maximum permissible length; ends square cut, tapered edges.
 - Gypsum Sheathing Board: ASTM C79, moisture resistant type, 1/2 inch thick, maximum permissible lengths, square cut ends and edges, water repellent paper faces.
 - Gypsum Liner Panels: ANSI/ASTM C36, fire resistive type X, UL rated; 1 inch thick.
 - Cement board: 1/2 inch thick.
- ◆ ACCESSORIES
 - Acoustical Sealant: Non-hardening, permanently resilient and non-skinning, for use in conjunction with gypsum board.
 - Corner Beads: Metal. (No paper)
 - Joint Materials: ANSI/ASTM C475; reinforcing tape, joint compound, adhesive, water, and fasteners.
 - Control Joint: USG 093.
 - Texture Material: Spray-applied, compatible with joint system. Provide "Orange Peel" texture

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- unless noted otherwise. Texture to match existing finish.
- Fasteners: Type S self tapping screws in size and spacing as required by IBC or rating of gypsum board wall system.
- Duct Liner: Manufacturer's standard 2 inch thick black faced duct liner; 1.5 pcf to 3 pcf. Acoustical performance: Minimum NRC 0.95 (ASTM C423) when tested with Type A mount (ASTM E795).
- Outlet Acoustical Box Pad: Self adhesive polybutenebutyl pads.

PART 3 - EXECUTION

N/A

END OF SECTION