

SAMPLE-OUTLINE SPECIFICATION

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Specifications, Quality Assurance, Inspections & Investigations for Your Construction Projects

2231 ROUTE 50 | P.O. BOX 248 | TUCKAHOE, NJ 08250 | p: 609.628.2390 | f: 609.628.2393

6305 DEEP CREEK DRIVE | PROSPECT, KY 40059 | p: 502.228.9370

www.conspectusinc.com

SECTION 09 21 16

GYPSUM BOARD ASSEMBLIES

PART 1 GENERAL

1.1 SUMMARY

- A. Section includes:
 - 1. Metal stud wall framing.
 - 2. Metal channel ceiling framing.
 - 3. Direct suspension ceiling framing.
 - 4. Shaftwall wall system.
 - 5. Gypsum board and joint treatment.
 - 6. Tile backer board and joint treatment.
 - 7. Acoustic insulation.
 - 8. Reveal moldings.

1.2 REFERENCES

1.3 PERFORMANCE REQUIREMENTS

1.4 SUBMITTALS

1.5 SUSTAINABLE DESIGN SUBMITTALS

1.6 QUALITY ASSURANCE

1.7 QUALIFICATIONS

1.8 MOCK-UP

1.9 PRE-INSTALLATION MEETING

PART 2 PRODUCTS

2.1 GYPSUM BOARD ASSEMBLIES

- A. Metal Framing Manufacturers:
 - 1. Current member of SSMA.
- B. Direct Suspension System Manufacturers:
 - 1. United States Gypsum Company.
 - 2. Chicago Metallic Corp.
 - 3. Substitutions: Section 01 60 00 - Product Requirements.

- C. Gypsum Board and Joint Treatment Manufacturers:
 - 1. United States Gypsum Company.
 - 2. National Gypsum.
 - 3. Georgia Pacific.
 - 4. Lafarge North America.
 - 5. Substitutions: Section 01 60 00 - Product Requirements.

- D. Acoustic Insulation Manufacturers:
 - 1. Thermafiber; Thermafiber Sound Attenuation Fire Blankets (SAFB).
 - 2. Owens Corning; Sound Attenuation Batts (Mineral Wool) or Sound Attenuation Batts.
 - 3. CertainTeed; Thermafiber Sound Attenuation Fire Blankets (SAFB) or CertaPro AcoustaTherm Batts.
 - 4. Johns Manville; MinWool-1200 Sound Attention Fire Batts or Sound Control Batts.
 - 5. Substitutions: Section 01 60 00 - Product Requirements.

- E. Reveal Molding Manufacturers:
 - 1. Fry Reglet Corporation.
 - 2. Gordon, Inc.
 - 3. MM Systems Corporation.
 - 4. Pittcon Industries.
 - 5. Substitutions: Section 01 60 00 - Product Requirements.

2.2 COMPONENTS

- A. Framing Materials:
 - 1. Studs and Tracks: ASTM C645; galvanized sheet steel, size as indicated on Drawings, 'C' shape with the following minimum base metal thicknesses:
 - a. Studs with Tile Wall Finish: Minimum 30 mils (20 gage) (0.75 mm).
 - b. Other Studs: Minimum 18 mils (25 gage) (0.45 mm).

- B. Ceiling Suspension System Framing:
 - 1. Channels: Hot or cold rolled; G30 hot dipped galvanized steel channel; minimum 1-1/2 inches (38 mm) size and minimum 0.475 lb/ft (700 g/m) in accordance with ASTM C754.

- C. Direct Suspension System Framing:
 - 1. Grid Suspension System: ASTM C635; manufacturer's standard zinc coated system of interlocking furring runners, furring tees, and accessories designed for concealed modular supporting network for gypsum board ceilings.

- D. Gypsum Board Materials: ASTM C1396/C1396M. Type X fire resistant where indicated on Drawings.

- E. Tile Backer Boards: Thickness and fire resistance as indicated on Drawings.
 - 1. Gypsum Tile Backer Board: ASTM C1178/C1178M.
 - 2. Cementitious Tile Backer Board: ANSI A118.9; high density, glass fiber reinforced.

- F. Impact Resistant Boards:
 - 1. Impact Resistant Board: Fiberock AR, fire rated where indicated, manufactured by United States Gypsum Co.

2.3 ACCESSORIES

- A. Acoustic Insulation: ASTM C665, Type I, unfaced semi rigid mineral fiber or fiberglass batt.

- B. Acoustic Sealant: Nonsag, paintable, nonstaining, butyl-free, latex sealant. Furnish fire rated sealant for use in fire rated assemblies.
- C. Junction Box Pads: 6 x 8 inches in size, 1/8 inch thick, resilient sealer pads.
- D. Metal Trim: ASTM C1047; hot-dipped galvanized steel; with or without paper facing.
- E. Plastic Edge Trim:
 - 1. Premasked L Bead: Vinyl type with removable masking or tear away masking leg.
- F. Reveal Moldings: Extruded aluminum, 0.050 inch thick, type and size indicated.
- G. Joint Materials:
 - 1. For Cementitious Tile Backer Board: 2 inch (50 mm) wide, fiberglass mesh tape ; setting type joint compound; and tile setting material as specified in Section 09 30 00.
 - 2. For Gypsum Tile Backer Board: 2 inch (50 mm) wide, fiberglass mesh tape; tile setting material as specified in Section 09 30 00.
 - 3. For Other Gypsum Board: ASTM C475/C475M; reinforcing tape, joint compound, and water.
 - a. Use setting type joint compound for exterior locations.
- H. Fasteners: ASTM C1002, Type S12 and GA-216.

PART 3 EXECUTION

- 3.1 EXAMINATION
- 3.2 EXISTING WORK
- 3.3 INSTALLATION
- 3.4 ERECTION TOLERANCES
- 3.5 SCHEDULES

END OF SECTION