SECTION 064201 - ACOUSTIC SIMULATED WOOD WALL AND CEILING PANELING SYSTEM

PART 1 GENERAL

1.1 SECTION INCLUDES

A. Custom acoustic simulated wood wall and ceiling paneling system.

1.2 RELATED REQUIREMENTS

A. Section 061001 - Rough Carpentry - Architecture: Grounds and concealed blocking.

B. Section 099123 - Interior Painting: Painting adjacent surfaces.

1.3 REFERENCE STANDARDS

A. ANSI A208.1 - American National Standard for Particleboard.

B. ASTM E84 - Standard Test Method for Surface Burning Characteristics of Building Materials.

1.4 SUBMITTALS

A. See Section 013300 - Submittal Procedures for submittal procedures.

B. Product Data: Provide data materials and application instructions.

C. Shop Drawings: Indicate materials, component profiles, fastening methods, jointing details, and accessories.
   1. Scale of Drawings: 1-1/2 inch to 1 foot, minimum.
   2. Provide plan of panel number sequencing.

D. Samples: Submit two samples of simulated wood panel system 24 x 24 inch in size.

1.5 QUALITY ASSURANCE

A. Manufacturer Qualifications: Company specializing in manufacturing the products specified in this section with minimum three years of documented experience.
   1. Single Source Responsibility: Provide and install this work from single manufacturer.

1.6 MOCK-UP

A. Construct mock-up, 8 feet long by 8 feet wide, illustrating full panel sheet,

B. Locate where directed.

C. Mock-up may remain as part of the Work.

1.7 DELIVERY, STORAGE, AND HANDLING

A. Protect work from moisture damage.

B. Do not deliver wood materials to project site until building is fully enclosed and interior temperature and humidity are in accordance with manufacturer's recommendations.

PART 2 PRODUCTS

2.1 REGULATORY REQUIREMENTS

A. Comply with applicable codes for fire-retardant requirements incuding ASTM E84.

2.2 ACOUSTIC SIMULATED WOOD PANELS

A. Manufacturer:
   1. Basis of Design: EzoBord: www.ezobord.com.
   2. Substitutions: Section 016000 - Product Requirements.

B. Products:
   1. Basis of Design: EzoBord Balsa Acoustic Slat Wood Wall Panels
      a. Slat Size: 2 inch wide x 6 inch deep.
      b. Slat Spacing: 4 inch between slats.
      c. Slat Finish: EzoPrint wood print to coordinate with Formica 8908 "Storm Teakwood."
      d. Backer Panel: 9mm.
         1) Color: Black.
      e. Slats designed to be pressure-fit and to be scrwed in place under removable slat.
      f. Slats of wall and ceiling panels to be aligned.

2.3 WOOD-BASED MATERIALS - BACKER PANEL

A. Particleboard: Composed of wood chips, medium density, with waterproof resin binders; of grade to suit application; sanded faces; complying with ANSI A208.1.

2.4 ADHESIVES AND FASTENERS

A. Adhesives: Approved by the manufacturer and type suitable for intended purpose.

B. Fasteners: Of size and type to suit application; install in concealed locations.

2.5 FABRICATION

A. Shop prepare and identify panels for site erection.

B. Prepare panels for delivery to site, permitting passage through building openings.

C. When necessary to cut and fit on site, provide materials with ample allowance for cutting and scribing.

2.6 SHOP FINISHING

A. Sand work smooth.

2.7 ACCESSORIES

A. Lumber for Shimming, Blocking: Softwood lumber of any species.

PART 3 EXECUTION

3.1 EXAMINATION

A. Verify that field measurements are as indicated on shop drawings.

B. Verify adequacy of backing and support framing.

C. Verify mechanical, electrical, and building items affecting work of this section are placed and ready to receive this work.

3.2 INSTALLATION

A. Do not begin installation until materials have been fully acclimated to interior conditions.

B. Set and secure materials and components in place, plumb and level, using concealed fasteners wherever possible.

C. Where necessary to cut and fit on site, scribe work abutting other components. Do not use additional overlay trim to conceal gaps.

D. Install with hairline cracks between wall and ceiling members

E. Coordinate the installation of firestopping behind paneling.

F. Touch up damaged finish to match original, using materials provided by fabricator; replace components that cannot be refinished like new.

3.3 TOLERANCES

A. Maximum Variation from True Position: 1/16 inch.

B. Maximum Offset from True Alignment with Abutting Materials: 1/32 inch.

END OF SECTION 064201