PART 1 GENERAL

1.01 SECTION INCLUDES
A. A site installed wall upholstery system that is stretched over a continuous, concealed fastening system.

1.02 RELATED REQUIREMENTS
A. Section 01270 - Unit Prices: Descriptions of unit price items, administrative requirements.
B. Section 01230 - Alternates: Descriptions of items, administrative requirements.
C. Section 01300 - Administrative Requirements: Submittal procedures, project meetings, progress schedules and documentation, reports, coordination.
D. Section 01355 - LEED Certification Procedures.
E. Section 01600 - Product Requirements: Fundamental product requirements, substitutions and product options, delivery, storage, and handling.
F. Section 01700 - Execution Requirements: Examination, preparation, and general installation procedures; pre-installation meetings; cutting and patching; cleaning and protection; starting of systems; demonstration and instruction.

1.03 Allowances:
A. See Section 01210 - Allowances, for cash allowances affecting this section.

1.04 Unit Prices:
A. See Section 01270 - Unit Prices, for additional unit price requirements.
   1. Provide the work under the unit price method.
   2. Measure panel area by the square foot (meter).
B. Alternates:
   1. See Section 01230 - Alternates, for product alternatives affecting this section.

1.05 REFERENCE STANDARDS

1.06 ADMINISTRATIVE REQUIREMENTS
A. Pre-installation Meeting: Conduct a pre-installation meeting at the project site, one week prior to the start of the work of this section; require attendance by all of the following:
   1. Owners Representative.
   3. Manufacturer’s Representative.
   4. Other Trades affected by the work of this section.

1.07 SUBMITTALS
A. See Section 01300 - Administrative Requirements, for submittal procedures.
B. Product Data: Submit manufacturers’ material specifications and installation instructions for handling, storage, protection and maintenance.
C. Shop Drawings: Indicate elevation views, of each panel configuration, layout and installation details.
D. Samples: Submit two panel samples, 12” x 12” in size, illustrating assembled upholstered wall fabric, construction and core materials.
E. Certificate: Certify that products of this section meet or exceed specified fire performance characteristics.
F. Test Reports: Indicate ASTM E 84 - Flame Spread Index, Smoke Developed Value
G. Warranty: Submit manufacturer warranty and ensure that forms have been completed in Owners name and registered with manufacturer.
H. Maintenance Materials: Furnish the following for use in maintenance of project.
   1. See Section 01600 - Product Requirements, for additional provisions.
   2. Extra Stock Materials: 5% of gross wall area of each color pattern and type installed.
   3. Stock shall be packaged with protective coating and identified with appropriate labels and delivered to job site after move in.

1.08 QUALITY ASSURANCE
A. Manufacturer Qualifications: Company specializing in manufacturing products specified in this section, with not less than five years of documented experience.
B. Installer Qualifications: Company specializing in performing the work of this section with minimum five years of experience.

1.09 MOCK-UP
A. Provide stretched fabric mock-up, long by 4’ long x 4’ wide, illustrating upholstery and construction.
B. Locate where directed.
C. Mock-up may remain as part of the Work.

1.10 DELIVERY, STORAGE, AND HANDLING
A. Deliver materials to project site in protective wrapping.
B. Store materials in a dry place.
C. Do not deliver materials to site prior to completion of wet work.

1.11 WARRANTY
A. See Section 01780 - Closeout Submittals, for additional warranty requirements.
B. Provide two-year manufacturer warranty against defects in materials and workmanship.
C. Correct defective Work within a two-year period after Date of Substantial Completion.

PART 2 PRODUCTS

2.01 MANUFACTURERS
B. Substitutions: See Section 01600 - Product Requirements.

2.02 MATERIALS
A. Upholstered Wall Systems: Manufacturers standard field assembled
upholstered wall systems consisting of a perimeter frame, core materials and
specified fabric
   1. Track to be formed with an extruded polystyrene material TM Styron
      natural polystyrene.
   2. Track dimension to be a 1” square depth with a .03125 slight eased
      contour
   3. Track compression to generate enough pressure to hold fabric from
      .010 - .10 exclusive of a liner of .010
   4. Panels to conform to drawings including diagonal panels, irregular
      shapes, and contoured radius panels.
   5. Core materials.
      a. Tackable core shall be Micore CV 230 by USG Interiors, Inc.,
         with NRC rating of 0.35 per ASTM C 423, 1” inch nominal
         thickness.
      b. Acoustical Quiet Core substrate is an acoustical inorganic glass fibers
         compressed to 7 lbs per cu. ft. bonded by a thermosetting agent with an
         NCR rating of 0.80. 1” inch nominal thickness.
      * c. ECOSE acoustical fill meets Greenguard Gold standard rated by UL
         environment. The 1” acoustical substrate uses a glass mineral wool with
         a plant based sustainable binding process. ECOSE is 50% recycled post-
         consumer glass (sand), contains no harmful materials or chemicals
         evaluated by the International Living Building Institute. Acoustical rating
         of .80 and meets all ASTM E 84 and California title 24 requirements

B. Fabric: Shall be upholstered so that the fabric is taut and all vertical and
horizontal patterns match. Fabric shall be tested for suitability and stability.
Proper backing shall be applied if required.

PART 3 EXECUTION

3.01 EXAMINATION
   A. Inspect conditions and substrates under which the work of this section will be
      performed.
   B. Verify that the installation may commence.
   C. Work shall not proceed until unsatisfactory conditions have been fully resolved.

3.02 INSTALLATION
   A. Install upholstered wall system plumb, in proper alignment and in strict
      accordance with manufacturers’ instructions.
   B. Tackable and acoustical core materials shall be provided as specified, located
      as indicated on drawings.
   C. Install the fabric square and free of ripples and distortions.
   D. Stretch fabric over the frame with sufficient tension to avoid sagging under
      year-round temperature and humidity conditions.
   E. Install the fabric level and true with pattern. Texture and grain of the fabric
      shall perfectly align at the seams.
   F. Stretch the fabric taut so as to not puddle or dent when touched or leaned
      upon. Installed so that the fabric shall be self-healing when pushed, punched
      or hit, reverting back to its original finished condition.
G. Install the frame or mounting member in order to eliminate telescoping through the face of the fabric.
H. Install the fabric as a monolithic system with seams seamless continuous runs and/or vertical or horizontal butt joints as indicated on drawings.

3.03 CLEANING
A. Content of fabric shall be submitted along with manufacturers cleaning instructions.

END OF SECTION