

## **BANNERS**

### **PART ONE: GENERAL**

#### **1.1 Description**

1.1.1 Work of this Section, as shown or specified, shall be provided by the Interior Contractor and shall be in accordance with the requirements of the Contract Documents.

1.1.2 The work shall include fabrication of Banners as indicated on drawings and specifications and as specified herein including labor, all materials and equipment related to the fabrication, delivery and complete installation. The work shall also include procurement of specified fabrics unless indicated otherwise.

1.1.3 Related work in other sections:

- a. Section 12540 - Drapery.

#### **1.2 Submittals**

1.2.1 All submittals shall be made according to Section 01300 and as specified herein.

1.2.2 Submit the following to the Consultant for approval prior to fabrication or installation of the project Banners:

- a. Shop drawings of all areas to receive Banners and related items. These drawings shall indicate:
  - 1. Plan or plans showing the location of all Banners and attachment locations.
  - 2. Details and elevations of all Banners showing seaming, hemming, pleating if required, and locations of weights.

3. Indicate required anchorage and accessory items, field dimensions, finishes, and methods of all hardware attachment and installation.
  - b. Two (2) samples of each Banner fabric specified, of sufficient size that will show one full repeat of any repeated pattern or design, but at least 18" x 18" (450 x 450 mm) in size (minimum).
  - c. Sample of any hardware to be used prior to installation.
- 1.2.3 Review of samples will be for color and texture only. Compliance with other requirements is responsibility of Interior Contractor.
- 1.2.4 All Banners delivered and installed shall match the applicable samples.

### **1.3 Quality Assurance**

- 1.3.1 All workmanship shall be of the highest grade and quality of fabrication and installation. Work shall be done by skilled, experienced, competent and responsible workmen, exemplifying the best standard of workmanship. All materials and methods used in the fabrication and installation of Banners shall be of the highest quality and standard.
- 1.3.2 All work and materials shall conform to the drawings and specifications; any changes or deviations in materials or methods must be approved by the Consultant.
- 1.3.3 All Banners shall be of the finest contract quality and shall be fabricated to withstand dry cleaning and indicated use. All soil marks; flaws or other defects shall be eliminated, removed or repaired as directed by the Owner prior to final acceptance. All patterns must be matched at seams.

- 1.3.4 All measurements and yardages quantities listed herein are approximate. The Interior Contractor shall be responsible for taking accurate job-site measurements for all dimensions for fabric yardage Banner attachment and Banner panel widths and heights prior to fabric purchase, fabrication or installation of Banners. Each room shall be measured individually.
- 1.3.5 Interior Contractor shall be responsible for securing approval when required from the State Fire Marshal on all materials to be used. A letter from the Fire Marshal's office shall be sent to the Owner indicating such approval where required.
- 1.3.6 All materials and labor must be warranted by the successful bidder for a period of three years with pro rata replacement unless materials are damaged through abuse or misuse.
- 1.3.7 The Interior Contractor shall supply the yardage figure per fabric required for the entire job to the Owner and to the Consultant.
- 1.3.8 The Interior Contractor shall examine all conditions pertaining to the installation of Banners and shall provide all coordination as required to achieve the proper and timely completion of the installation.
- 1.3.9 The Interior Contractor will not change source or brands of materials during course of fabrication, unless approved by Consultant.
- 1.3.10 Advise General Contractor of requirements relating to his placement of any blocking or supports which are to be used for anchoring or supporting Banners.

## **1.4 Deliveries, Storage and Handling**

1.4.1 Use all means necessary to protect the materials and work of this Section before, during and after installation and to protect the work and materials of all other trades.

1.4.2 In the event of damage immediately make all repairs and replacements needed to the approval of the Owner and with no additional cost to the Owner.

## **1.5 Job Conditions**

1.5.1 Install Banners only when normal temperature and humidity conditions that will exist when the space is occupied.

1.5.2 Banner lengths and other applicable fabrication factors to allow for expected temperature and humidity levels of the project.

## **PART TWO: PRODUCTS**

### **2.1 Fabric**

2.1.1 When fabric is specified as purchased/supplied by Owner, such fabric may be substituted with other similar fabrics with no additional cost for fabrication, due to such substitution. Notify Consultant prior to proceeding with any such substitution.

2.1.2 When fabric is indicated as provided by Interior Contractor, such fabrics shall be as specified.

2.1.3 Interior Contractor shall receive fabric, whether supplied by Owner or by Interior Contractor, and shall immediately upon receipt inspect fabric for manufacturing defects or flaws and verify type and quantity. Any damage defects, flaws or discrepancies in type or yardage shall be reported to the Owner immediately and prior to cutting.

2.1.4 Interior Contractor shall appropriately store, protect and secure Owner supplied fabric until required for fabrication.

2.1.5 All finish materials shall be treated with flame retardant process where required by local code. Should

flame retardant process cause change in color and effect on finish material, Interior Contractor shall notify Consultant immediately. Certificate of Flameproofing shall be provided to the Owner according to Section 01720.

2.1.6 Interior Contractor shall be required to submit certification from the manufacturers stated herein that the fabrics provided are preshrunk and have a zero percent shrinkage.

## **2.2 Hardware**

2.2.1 All hardware shall be as specified and appropriate to the Banner weight, Banner construction specified, and job conditions; hardware shall be provided complete with all required fittings and components for total installation.

2.2.2 All hardware shall be installed according to manufacturer's recommendations.

2.2.3 All hardware shall be manufacturer's standard off white finish unless indicated otherwise in drawings or specifications.

## **2.3 Other Materials**

2.3.1 All trim or other materials shall be provided as specified and shall be of the highest quality.

# **PART THREE: EXECUTION**

## **3.1 Fabrication**

3.1.1 Contiguous Banner panels shall be fabricated from the same weaving or dye lots to insure matching with regard to weave textures, pattern and color. Where one width is joined to another the selvage edge shall be removed and a French seam (or a Sew and Serge Machine) used. All Banners shall hang as indicated on contract documents with no pulling or puckering or fabric or loose threads. No panels showing defects shall be permitted.

3.1.2 All patterns shall be matched exactly at each vertical seam. All vertical seams shall be surged and free

from puckering.

- 3.1.3 All threads shall match, as closely as possible, the material on which it is to be used.
- 3.1.4 Lined Banners shall have lining sewn so only lining material is seen from the "back" or lining side of the Banner. (See 3.1.13)
- 3.1.5 Open ends of hems are to be closed by hand with blind stitching.
- 3.1.6 All Banner weights shall be of appropriate size and weight for Banner fabric and construction to assure proper hanging of Banners with no sagging or pulling.
- 3.1.7 All fabric shall be cut on the thread and table square to insure proper "square ness".
- 3.1.8 All trimming is to be hand or machine sewn as detailed.
- 3.1.9 All hems and/or seams shall be in such a manner as to appear finished, clean and neat on both sides; No stitching shall show on the face of the fabric unless otherwise specified. All hems/seams shall be stitched with the proper tension so that there shall be no puckering.

- 3.1.10 Where patterns with repeats are specified and are used at more than one location per room/area or in more than one room/area, Banner fabric shall be cut individually per location, so that all Banners match in pattern at top and bottom, unless specified otherwise.
- 3.1.11 Upon approval by Consultant, fabric may be railroaded to avoid vertical seams when such orientation does not result in horizontal seams and when pattern does not require vertical orientation. All Banners of the same fabric in a room/area shall have the same fabric orientation.
- 3.1.12 Where single faced banners are indicated, Banners shall be of single fabric thickness, with the "right" side of the fabric oriented at installation as indicated on drawings and specifications. Edge hem at side/end of Banner panel shall be 1/2" (12 mm) single turned hem, unless otherwise specified.
- 3.1.13 Where double-faced Banners are indicated, Banners shall be of double fabric thickness, with the "right" side of the fabric visible from each side of the Banner at installation. Side/end edge seam shall occur exactly along banner edge such that fabric of one side of Banner is not visible from the other side (See 3.1.4).
- 3.1.14 Banner panels whose fabric is not railroaded are to be composed of fabric widths to achieve required Banner width as follows, unless indicated otherwise on drawings or specifications:
- a. When an even number of full fabric widths is required, center the seam on the centerline of the Banner panel width with equal number of widths occurring at each side.

- b. When an odd number of full fabric widths are required, center one full width on the centerline of Banner panel width with equal number of widths occurring at each side.
  - c. When full and partial fabric widths are required, center one full width on the centerline of Banner panel width with equal number of full and/or partial widths occurring at each side.
  - d. Do not use less than 1/2 full fabric width for partial widths unless approved by Consultant.
  - e. Submit proposed seam locations to Consultant for approval prior to cutting fabric.
- 3.1.15 Unless indicated otherwise on drawings or specifications, all Banners shall have a bottom hem of minimum dimension required to receive 1/8" (3 mm) diameter rod and a top hem of minimum dimension required to receive diameter rod required for support of Banner panel weight and installation conditions.
- 3.1.16 Where "notches" or similar shaping occurs at tops of Banners to facilitate installation methods, such notches, etc., shall on single faced Banners be single turned and hemmed or shall be stitched with buttonhole stitch; on double faced Banners the two faces shall be seamed so that seam follows the notch, etc. edge exactly and neither face is visible from the opposite side.
- 3.1.17 Each Banner shall have one continuous rod support running horizontally through a sleeve at the upper extremity of the Banner, and one continuous rod (1/8" [3 mm] diameter) running horizontally, placed at the lower extremity of the Banner. Sleeves shall be stitched at each end to insure rod placement. Rod support at top shall be steel of minimum diameter required for the Banner weight and installation conditions to prevent sagging.

## **3.2 Installation**

- 3.2.1 After fabrication all Banners panels shall be pressed smoothly, packaged, tagged indicating final



location and delivered to the site. Banners shall be finally installed in such a manner that the heading and edges shall not touch or scrape against ceiling, walls, vertical pocket surfaces, or other similar objects when installed.

3.2.2 All installations shall be done in a workmanlike manner consistent with the standards of the industry and shall be guaranteed for one year.

3.2.3 All hardware shall be installed at each area using appropriate fastening device. Interior Contractor shall submit shop drawings on exact method of installation.

3.2.4 Interior Contractor shall provide rods of appropriate diameter and quality of rod supports to assure proper support for banner weight and installation condition.

3.2.5 All Banners shall be pressed or dressed down properly after installation.

3.2.6 The Interior Contractor shall check and verify fit, size, location, and appropriate attachment/support of all banners once installed.

3.2.7 The Interior Contractor shall correct any installation defects within a reasonable period of time.

3.2.8 The Interior Contractor shall be responsible for cleaning up any debris resulting from his work.

3.2.9 Written maintenance instructions on laundering and dry cleaning are to be provided to the Owner at the time of final installation or delivery, and in accordance with Section 01720.

3.2.10 The Interior Contractor shall protect all finished surfaces until the work is completed and accepted by the Owner

**END OF SECTION**