12 20 00 – Window Treatments

1. A/E firm shall consult with UEVS Window Cleaning Specialist regarding maintenance of parameters for proposed windows, window treatments such as blinds, roller shades, sun shade fins and other features prior to design approval and installation.

2. General

   A. Finish Selections: All materials, colors, finishes, product specifications, applications and details are to be compiled and submitted by the Professional for approval of the Physical Plant Project Manager prior to the final development of the Construction Documents.

   B. All materials shall meet or exceed the Building Code and University use requirements for the area.

   C. In remodeled areas, repairs, or extension of existing furnishing systems, all material patches shall blend as close as possible including work to existing corners, room edges, or clearly defined transitions.

   D. LEED Policies: The University promotes energy efficient green design, construction and building operations. Whenever possible, materials are to be selected and specified following the United States Green Building Council LEED (Leadership in Energy and Environmental Design) Green Building Rating System® consensus-based national standard for developing high-performance, sustainable buildings. Refer to the website: http://www.usgbc.org/.

   E. The Professional shall specify only finishes that require minimal maintenance and can be easily maintained by the University.

3. Window Treatments

   A. Window Treatments

      1. Shades, Blinds, and/or Fabrics (curtains, draperies, etc.) shall be manufacturer’s standard light gray or light tan. Other colors may be used when approved by the Physical Plant.

         a. Requirements Window Treatments:

            (1) Code compliance for Flame and Smoke Spread ratings per the current building and regulatory agency codes.

   B. Window Shade Systems


C. Warranty

1. Roller shade hardware, chain and shade fabric: Manufacturer’s standard non-depreciating twenty-five year limited warranty.

2. Roller Shade Installation: One year from date of Substantial Completion, not including scaffolding, lifts or other means to reach inaccessible areas.

3. Store and handle shades to prevent damage to fabrics, finishes, and operators prior to installation.

D. Manufacturers


2. SWF Contract: www.swfcontract.com

3. Owner accepted equal

E. Shade Systems

1. Shade System: Manual window shades, single and double shades

2. Fabric

   a. Fabric: Double Shades and Solar Control Shades

      (1) Double shade: Basketweave

      (2) Single shade: Basketweave

F. Manually Operated Window Shade System Applications

1. Products:

   a. All classrooms: Double Shade #10 Bracket System (horizontal) with Fascia. Description: manual operating interior, chain drive “double” solar and room darkening blackout roller shades, operating independently of each other, in all exterior windows of classrooms shown on drawings, and related mounting systems and accessories.

   b. All office areas: shade with fascia. Description: manual operating, chain drive, sunscreen roller shades in all exterior windows of all offices and office areas as shown on the drawings.

2. Chain Operation: Bi-directional wrap spring clutch shall allow for shade to stop and hold at any position.
3. Chain Operator Position: Right-hand side, unless otherwise noted on drawings.
   a. Bead Chain: No. 10 stainless steel.

   a. Components fabricated from styrene-based plastics, polyesters or reinforced polyester are not acceptable.

5. Shade Components
   a. Rollers:
      (1) Shade roller tube shall be extruded aluminum of diameter and wall thickness required to support shade fabric. Maximum, allowable deflection L/700.
      (2) Rollers shall be easy to remove from support brackets.
   b. Mounting Brackets: Stamped steel, custom fabricated as required for mounting style indicated.
   c. Hem bar: Concealed.

6. Accessories
   a. Finish for accessories, unless otherwise noted: Clear anodized aluminum
   b. Fascia: L-shaped extruded aluminum shall conceal mounting hardware, roller tube, and fabric rolled on tube.
   c. Pocket: Extruded aluminum shall conceal mounting hardware, roller tube, and fabric rolled on tube.

7. Shade Fabrication
   a. Shades mounted inside window frame: Window shade system shall completely fill opening from head to sill. Provide 1/4-inch clearance between each side of the shade and jamb, unless indicated otherwise.