SECTION 12492 - HORIZONTAL LOUVER BLINDS

PART 1 GENERAL

1.01 SECTION INCLUDES

A.   Horizontal slat louver blinds.

B.   Operating hardware.

1.02 RELATED SECTIONS

A.   Section 06114 (06 10 54) - Wood Blocking and Curbing: Concealed wood blocking for attachment of headrail brackets.

1.03 SUBMITTALS

A.   See Section 01300 (01 30 00) - Administrative Requirements, for submittal procedures.

B.   Product Data: Provide data indicating physical and dimensional characteristics.

C.   Shop Drawings: Indicate opening sizes, tolerances required, method of attachment, clearances, and operation.

D.   Samples: Submit two samples, inch long illustrating slat materials and finish, color, cord type and color.

E.   Manufacturer's Installation Instructions: Indicate special procedures.

1.04 QUALITY ASSURANCE

A.   Manufacturer Qualifications: Company specializing in manufacturing the Products specified in this section with minimum three years documented experience.

1.05 PROJECT CONDITIONS

A.   Coordinate the work with window installation and placement of concealed blocking to support blinds.

B.   Take field measurements to determine sizes required.

1.06 EXTRA MATERIALS

A.   See Section 01600 (01 60 00) - Product Requirements, for additional provisions.

B.   Provide ten additional slats.

C.   Provide two additional complete blind assemblies of each size.

D.   Provide six extra lift cords.

PART 2 PRODUCTS

2.01 MANUFACTURERS

A.   Horizontal Louver Blinds:
    1.   Hunter Douglas Window Fashions: www.hunterdouglas.com.
    2.   Levolor Contract, division of Newell Rubbermaid, Inc: www.levolorcontract.com.
    3.   Graber, division of Springs Industries, Inc: www.graberblinds.com.
    4.   Substitutions: See Section 01600 (01 60 00) - Product Requirements.

2.02 BLINDS AND BLIND COMPONENTS

A. Blinds: Horizontal slat louvers hung from full-width headrail with full-width bottom rail; manual control of raising and lowering by cord with full range locking; blade angle adjustable by control wand.

B. Metal Slats: Spring tempered pre-finished aluminum; radiused slat corners, with manufacturing burrs removed.
    1. Width: 1 inch.
    2. Thickness: 0.008 inch.
    3. Color: As selected.

C. Slat Support: Woven polypropylene cord, ladder configuration.

D. Head Rail: Pre-finished, formed aluminum box, with end caps; internally fitted with hardware, pulleys, and bearings for operation; same depth as width of slats

E. Bottom Rail: Pre-finished, formed steel with top side shaped to match slat curvature; with end caps. Color: Same as headrail.

F. Lift Cord: Braided nylon; continuous loop.
    1. Free end weighted.
    2. Color: As selected.

G. Control Wand: Extruded hollow plastic; hexagonal shape.
    1. Removable type.
    2. Length of window opening height less 30 inches.
    3. Color: As selected .

H. Headrail Attachment: Wall brackets.

I. Accessory Hardware: Type recommended by blind manufacturer.

2.03 FABRICATION

A. Fabricate blinds to fit within openings with uniform edge clearance of 1/2 inch.

B. Fabricate blinds to cover window frames completely.

C. At openings requiring multiple blind units, provide separate blind assemblies with space of 1/2 inch between blinds, located at window mullion centers.

PART 3 EXECUTION

3.01 EXAMINATION

A. Verify that openings are ready to receive the work.

B. Ensure structural blocking and supports are correctly placed.

3.02 INSTALLATION

A. Install blinds in accordance with manufacturer's instructions.

B. Secure in place with flush countersunk fasteners.

C. Place intermediate head supports at _____ inch on center.

3.03 INSTALLATION TOLERANCES

A. Maximum Variation of Gap at Window Opening Perimeter: 1/4 inch.

B. Maximum Offset From Level: 1/8 inch.

3.04 ADJUSTING

A. Adjust blinds for smooth operation.

3.05 CLEANING

A. Clean blind surfaces just prior to occupancy.

3.06 SCHEDULE

END OF SECTION