1. Section 122116   
   Vertical Louver Blinds
   1. PART 1  GENERAL
      1. DEFINITIONS
         1. Light and Privacy Scale:
            1. Level One (1):  Reduces glare and still reveals considerable details to the outside, provides no privacy.
            2. Level Two (2):  Softens the light and still reveals some details to the outside.  Provides moderate privacy.
            3. Level Three (3):  Softens the light but reveals shadow-like outlines to the outside, provides substantial privacy.
            4. Level Four (4):  Diffuses the light and reveals no shape or details to the outside.  Provides complete privacy and room-darkening options.
            5. Level Five (5):  Blocks virtually all the light and provides the most privacy and light control available.
      2. REFERENCE STANDARDS
         1. WCMA A100.1 - Standard for Safety of Window Covering Products; 2022.
         2. NFPA 701 - Standard Methods of Fire Tests for Flame Propagation of Textiles and Films; 2023, with Errata.
      3. SUBMITTALS
         1. See Section 013000 - Administrative Requirements, for submittal procedures.
         2. Product Data:  Manufacturer's data sheets on each product to be used, including:
            1. Preparation instructions and recommendations.
            2. Storage and handling requirements and recommendations.
            3. Installation methods.
         3. Certification:  Provide certification that product complies with WCMA A100.1.
         4. Shop Drawings:  Indicate headrail location and schematic wire diagram of electronic controls and motors.
   2. PART 2  PRODUCTS
      1. BLINDS AND BLIND COMPONENTS
         1. Vertical Louver Blinds:  Horizontally traveling, vertical vane louver units with tracks, pivot and traversing mechanisms, and accessories:
            1. Vanes:  PVC vanes of the size indicated.
            2. Operation:  Manual.
            3. Direction of Travel:  ​Draw back to right​.
            4. Mounting:  Inside (between jambs).
            5. Cord Operation:  Braided nylon, continuous loop with restraining device; comply with WCMA A100.1.
            6. Wand Operation:  Extruded hollow plastic; square shape; nonremovable type; 30 inches long.
         2. Tracks:  Channel tracks as required for type of operation, extruded aluminum with clear anodized finish, with end caps.
            1. Vane Rotation:  Chain driven direct rotation by activating tilt gear within end cap assembly in turn actuating tilt rod and worm-and-spur gears in carrier trucks.
            2. Operating Components:  Internally mounted heavy-duty extruded aluminum tilt rod, vane carriers, and other components required for proper performance and designed for smooth, quiet, trouble free operation.
            3. Pivot Mechanism:  Geared for synchronous 180 degrees rotation of vanes and type of operation indicated.
            4. Vane Carriers:  Metal carriers with ball-bearing wheels or thermoplastic trucks, equipped with linkages or other devices to ensure positive spacing of vanes.
            5. Tilt Chain:  Nickel plated brass beaded ball chain, minimum 1/8 inch diameter; locate at drawback side of units as indicated.
         3. PVC Vanes:  Integrally colored, extruded PVC; flat, 2 inches (50mm) wide.
            1. Flammability:  Comply with NFPA 701.
            2. Texture:  Smooth.
         4. Brackets and Mounting Hardware:  As recommended by manufacturer for the mounting configuration and span indicated; provide manufacturer’s standard L- bracket with clip for outside mounting and clip only for inside mounting.
      2. FABRICATION
         1. Field measure finished openings prior to ordering or fabrication.
         2. Fabricate blinds to fit openings within specified tolerances.
            1. Vertical Dimensions:  Fill openings from head to sill with 1/2 inch space between bottom of vanes and finish floor.
            2. Horizontal Dimensions - Inside Mounting:  Fill openings from jamb to jamb.
         3. Dimensional Tolerances:  Fabricate blinds to within plus/minus 1/8 inch of intended dimensions.
   3. PART 3  EXECUTION
      1. EXAMINATION
         1. Do not start installation before openings are finished and all finishes have been completed; do not install until painting is completed.
         2. Field measure finished openings prior to ordering or fabrication.
      2. INSTALLATION
         1. Install in accordance with manufacturer's instructions using mounting style as indicated.
         2. Installation Tolerances:
            1. Maximum Offset From Level:  1/16 inch.
         3. Adjust blinds for smooth operation.
         4. Replace blinds that exceed specified dimensional tolerances at no extra cost to Owner.
2. END OF SECTION