

**SECTION 12 22 16****CUBICLE CURTAIN, TRACK AND ACCESSORIES****PART 1 GENERAL****1.01 SECTION INCLUDES**

- A. Extruded aluminum Cubicle Tracking System.
  - 1. Overhead metal curtain track and guides.
  - 2. Track accessories and attachments
  - 3. Mesh topped Cubicle Curtains
- B. Nylon carriers, cords, and accessories.

**1.02 RELATED REQUIREMENTS****1.03 ADMINISTRATIVE REQUIREMENTS**

- A. Coordinate location and installation of concealed blocking for support of tracks.

**1.04 SUBMITTALS**

- A. Refer to General Conditions section for submittal procedures.
- B. Product Data: Provide track profiles and finishes available.
- C. Samples: Verification samples of cubicle track, 4" (102mm) long, in full size, with carriers and end cap.
- D. Shop Drawings: Indicate end track location, width of window opening, location of blocking for anchors, appurtenances and interferences, adjacent construction, operating hardware, and support bracket details.
- E. Maintenance Data: Include data for motor, shaft and gearing, lubrication frequency, control adjustments, spare part sources.
- F. Maintenance Materials: Furnish the following for Ohio Department of Rehabilitation & Correction's use in maintenance of project.
  - 1. Extra Carriers: Quantity equal to 5 percent of those installed.

**1.05 QUALITY ASSURANCE**

- A. Manufacturer: Company specializing in manufacturing the products specified in this section, with minimum three years of documented experience.

**PART 2 PRODUCTS****2.01 MANUFACTURERS**

- A. Medical Drapery Track: Standard: InPro Corporation, Optitrac w/ #CE 6026 Pop-Out Carriers
  - 1. C/S General Cubicle: [www.c-sgroup.com](http://www.c-sgroup.com)
  - 2. InPro Corporation: [www.inprocorp.com](http://www.inprocorp.com)
  - 3. Salisbury Industries: [www.hospitalhardware.com](http://www.hospitalhardware.com)
  - 4. Tana-Tex Inc.: [tana-tex.com](http://tana-tex.com)
  - 5. Refer to General Conditions section for substitution procedures.

**2.02 COMPONENTS**

- A. Tracks: Extruded aluminum cubicle track with white baked acrylic enamel finish
  - 1. Width: 1/2 inch (minimum).
  - 2. Height: 5/8 inch (minimum).

3. Bent sections: Provide factory bent track sections with one-foot radii to mate with straight track sections.
- B. Track Components:
1. Track Splice: Provide molded thermoplastic splice to join track sections.
  2. End Caps: Provide molded thermoplastic end caps for end of track section.
  3. Wands: Provide wand to move curtain along track.
    - a. Drapery Wand: 48 inch length
  4. Curtain Carriers: Provide non-binding carriers to accurately fit track. Carriers to be fitted to curtain to prevent accidental curtain removal. 2.2 carriers per lineal foot of track length, plus one extra carrier. Provide Pop-out carrier type.
  5. Adjustable Drop Chain: Provide drop chain and adjust on site to accommodate curtain at desired height for air/stream circulation. Chain to be break-away style.
- C. Track Brackets: Formed steel ceiling type, for surface installation, with screws and inserts for attachment.
- D. Carriers: Nylon roller 3 per foot, nylon axle with nylon wheels with nickel-plated brass chain and hook or plastic clip assembly type designed to "pop-out" .
- E. Cord: Braided nylon; continuous loop, free end weighted.
- F. Control Wand: Extruded hollow plastic; round shape; non-removable type; length of window opening height less 3 inches.
- G. Provide all cubicle tracking systems from a single source.
- H. Curtain Fabric:
1. 14" (min.) seamless integral mesh fabric top. Overlap seams and double-lock stitch to body of curtain.
  2. Drapery fabric washable to a temperature of 160 degrees F. EZE-Guard Intelligent Fabrics.
  3. Shower Curtain Fabric: As selected by Architect from manufacturer's full range of colors and patterns.
  4. Flame resistant and meets NFPA 701 as tested by UL or other acceptable testing and inspecting agency. Fabric to be identified with the appropriate labeling.
  5. Supplier is responsible for field verification of overall curtain length and width to accommodate the enclosure of the associated area.
  6. Provide at least one 45 inch wand per units.
  7. Provide fabric curtain tie back, 3 inch wide by 18 inch long
  8. Style and color to be selected by architect from manufacturer's full line of fabric selections.
  9. Provide a fabric product data sheet to the architect for use in submittal to local jurisdiction(s) as required.

## 2.03 FINISHES

- A. Exposed Surfaces: Baked enamel, white.

## PART 3 EXECUTION

### 3.01 EXAMINATION

- A. Verify that concealed anchors are in correct position.

### 3.02 INSTALLATION

- A. Install curtain tracks in accordance with manufacturer's instructions.

### 3.03 ADJUSTING

- A. Adjust curtain hardware for smooth operation.

**SECTION 12 36 00****COUNTERTOPS****PART 1 GENERAL****1.01 SECTION INCLUDES**

- A. Countertops for architectural cabinetwork.
- B. Countertops for manufactured casework.

**1.02 REFERENCE STANDARDS**

- A. ANSI A208.1 - American National Standard for Particleboard; 1999.
- B. ANSI A208.2 - American National Standard for Medium Density Fiberboard for Interior Use; 2002.
- C. ANSI Z124.3 - American National Standard for Plastic Lavatories; 2005.
- D. ASTM E 84 - Standard Test Method for Surface Burning Characteristics of Building Materials; 2008.
- E. AWI/AWMAC (QSI) - Quality Standard Illustrated; Architectural Woodwork Institute and Architectural Woodwork Manufacturers Association of Canada; 2005, 8th Ed., Version 2.0.
- F. ISSFA-2 - Classification and Standards for Solid Surfacing Material; International Solid Surface Fabricators Association; 2001 (2002)
- G. NEMA LD 3 - High-Pressure Decorative Laminates; 2005.
- H. PS 1 - Structural Plywood; 2007.

**1.03 SUBMITTALS**

- A. See Section 01 30 00 - Administrative Requirements, for submittal procedures.
- B. 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. Specimen warranty.
- C. Shop Drawings: Complete details of materials and installation; combine with shop drawings of cabinets and casework specified in other sections.
- D. Selection Samples: For each finish product specified, color chips representing manufacturer's full range of available colors and patterns.
- E. Verification Samples: For each finish product specified, minimum size 6 inches square, representing actual product, color, and patterns.
- F. Test Reports: Chemical resistance testing, showing compliance with specified requirements.
- G. Installation Instructions: Manufacturer's installation instructions and recommendations.
- H. Maintenance Data: Manufacturer's instructions and recommendations for maintenance and repair of countertop surfaces.

**1.04 QUALITY ASSURANCE**

- A. Fabricator Qualifications: Same fabricator as for cabinets on which tops are to be installed.
- B. Installer Qualifications: Fabricator.

**1.05 DELIVERY, STORAGE, AND HANDLING**

- A. Store products in manufacturer's unopened packaging until ready for installation.
- B. Store and dispose of solvent-based materials, and materials used with solvent-based materials, in accordance with requirements of local authorities having jurisdiction.

#### 1.06 FIELD CONDITIONS

- A. Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's absolute limits.

### PART 2 PRODUCTS

#### 2.01 COUNTERTOP ASSEMBLIES

- A. Plastic Laminate Countertops: High pressure decorative laminate sheet bonded to substrate.
  - 1. Laminate Sheet, Unless Otherwise Indicated: NEMA LD 3 Grade HGS, 0.048 inch nominal thickness.
    - a. Surface Burning Characteristics: Flame spread 25, maximum; smoke developed 450, maximum; when tested in accordance with ASTM E 84.
    - b. Wear Resistance: In addition to specified grade, comply with NEMA LD 3 High Wear Grade requirements for wear resistance.
    - c. Finish: Matte or suede, gloss rating of 5 to 20.
    - d. Surface Color and Pattern: To be selected from manufacturer's full line.
    - e. Manufacturers:
      - 1) Formica Corporation: [www.formica.com](http://www.formica.com).
      - 2) Lamin-Art, Inc: [www.laminart.com](http://www.laminart.com).
      - 3) Panolam Industries International, Inc\Pionite: [www.pionitelaminates.com](http://www.pionitelaminates.com).
      - 4) Wilsonart International, Inc: [www.wilsonart.com](http://www.wilsonart.com).
  - 2. Exposed Edge Treatment: Square plastic edge banding, extruded PVC, convex shaped, smooth finish, with self locking serrated tongue, of width to match component thickness: 1/2 inch thick. Provide eased edges; color as selected from manufacturer's full range of colors to match laminate. Standard: Outwater Plastics # 304-812.
  - 3. Back and End Splashes: Same material and construction as counter.
  - 4. Fabricate in accordance with AWI/AWMAC Quality Standards Illustrated Premium Grade.

#### 2.02 ACCESSORY MATERIALS

- A. Wood-Based Components:
  - 1. Wood fabricated from old growth timber is not permitted.
  - 2. Provide sustainably harvested wood, certified or labeled as specified in Section 01 60 00.
- B. Plywood for Supporting Substrate: PS 1 Exterior Grade, A-C veneer grade, minimum 5-ply; minimum 3/4 inch thick; join lengths using metal splines.
- C. Particleboard for Supporting Substrate: ANSI A208.1 Grade 2-M-2, 45 pcf minimum density; minimum 3/4 inch thick; join lengths using metal splines.
- D. Medium Density Fiberboard for Supporting Substrate: ANSI A208.2.
- E. Adhesives: Chemical resistant waterproof adhesive as recommended by manufacturer of materials being joined.
- F. Cove Molding for Top of Splashes: Rubber with semi-gloss finish and T-spline to fit between splash and wall; 1/2 inch by 1/2 inch.
- G. Joint Sealant: Mildew-resistant silicone sealant, white.

#### 2.03 FABRICATION

- A. Fabricate in accordance with standards governing fabrication quality that are specified in Section

06 4100.

- B. Fabricate tops and splashes in the largest sections practicable, with top surface of joints flush.
  - 1. Join lengths of tops using best method recommended by manufacturer.
  - 2. Fabricate to overhang fronts and ends of cabinets 1 inch except where top butts against cabinet or wall.
  - 3. Prepare all cutouts accurately to size; replace tops having improperly dimensioned or unnecessary cutouts or fixture holes.
- C. Provide back/end splash wherever counter edge abuts vertical surface unless otherwise indicated.
  - 1. Secure to countertop with concealed fasteners and with contact surfaces set in waterproof glue.
  - 2. Height: 4 inches, unless otherwise indicated.
- D. Solid Surfacing: Fabricate tops up to 144 inches long in one piece; join pieces with adhesive sealant in accordance with manufacturer's recommendations and instructions.

### **PART 3 EXECUTION**

#### **3.01 EXAMINATION**

- A. Do not begin installation until substrates have been properly prepared.
- B. If substrate preparation is the responsibility of another installer, notify Jester Jones Schifer Architects of unsatisfactory preparation before proceeding.
- C. Verify that wall surfaces have been finished and mechanical and electrical services and outlets are installed in proper locations.

#### **3.02 PREPARATION**

- A. Clean surfaces thoroughly prior to installation.
- B. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.

#### **3.03 INSTALLATION**

- A. Securely attach countertops to cabinets using concealed fasteners. Make flat surfaces level; shim where required.
- B. Attach plastic laminate countertops using screws with minimum penetration into substrate board of 5/8 inch.
- C. Seal joint between back/end splashes and vertical surfaces.
  - 1. Where indicated use rubber cove molding.
  - 2. Where applied cove molding is not indicated use specified sealant.

#### **3.04 CLEANING AND PROTECTION**

- A. Clean countertops surfaces thoroughly.
- B. Protect installed products until completion of project.
- C. Touch-up, repair or replace damaged products before Substantial Completion.

**END OF SECTION**