

SECTION 10190 - CUBICLES

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. This Section includes the following:

1. Curtain tracks and curtain carriers.
2. IV tracks and hangers.
3. Cubicle, dressing area, tub and shower curtains.

- B. Related Sections include the following:

1. Division 6 Section "Rough Carpentry" for wood blocking for mounting items requiring anchorage.
2. Division 9 Section "Gypsum Board Assemblies and Acoustical Panel Ceilings" for metal framing and furring for mounting items requiring anchorage.

1.3 DEFINITIONS

- A. IV: Intravenous.

1.4 PERFORMANCE REQUIREMENTS

- A. Curtains: Provide curtain fabrics with the following characteristics:

1. Fabrics are launderable to a temperature of not less than 160 deg F.
2. Fabrics are flame resistant and are identical to those that have passed NFPA 701 when tested by a testing and inspecting agency acceptable to authorities having jurisdiction.
 - a. Identify fabrics with appropriate markings of applicable testing and inspecting agency.

1.5 SUBMITTALS

- A. Shop Drawings: Show layout and types of cubicles, sizes of curtains, number of carriers, anchorage details, and conditions requiring accessories. Indicate dimensions taken from field measurements.

1. Include details on blocking above ceiling.
- B. Coordination Drawings: Reflected ceiling plans drawn to scale and coordinating penetrations and ceiling-mounted items. Show the following:
 1. Ceiling suspension assembly members.
 2. Method of attaching track hangers to building structure.
 3. Ceiling-mounted items including light fixtures, diffusers, grilles, speakers, sprinklers, and access panels.
- C. Samples for Verification: Full-size units of each type of the following products:
 1. Curtain Track: Not less than 4 inches (100 mm) long.
 2. Curtain Carrier: Full-size unit.
 3. IV Track: Not less than 4 inches (100 mm) long.
 4. IV Hanger: Full-size unit.
 5. Curtain Fabric: 12 inch square swatch of larger Sample as required to show complete pattern repeat, from dye lot used for the Work, with specified treatments applied. Mark top and face of material.
- D. Cubicle Schedule: Use same room designations as indicated on Drawings.
- E. Product Certificates: Signed by manufacturers of tracks and curtains certifying that products furnished comply with requirements.
- F. Maintenance Data: For tracks and curtains to include in maintenance manuals specified in Division 1.

1.6 QUALITY ASSURANCE

- A. Mockups: Build mockups to verify selections made under Sample submittals and to demonstrate aesthetic effects and qualities of materials and execution.
 1. Build mockups of typical cubicle, complete with curtain track, and IV hanger, as shown on Drawings.
 2. Approved mockups may become part of the completed Work if undisturbed at time of Substantial Completion.

1.7 PROJECT CONDITIONS

- A. Environmental Limitations: Do not install cubicles until spaces are enclosed and weatherproof, wet work in spaces is complete and dry, work above ceilings is complete, and ambient temperature and humidity conditions are maintained at the levels indicated for Project when occupied for its intended use.
- B. Field Measurements: Where cubicles are indicated to fit to other construction, verify dimensions of other construction by field measurements before fabrication and indicate

measurements on Shop Drawings. Coordinate fabrication schedule with construction progress to avoid delaying the Work.

1.8 EXTRA MATERIALS

- A. Furnish extra materials described below, that match products installed and that are packaged with protective covering for storage and identified with labels describing contents.
1. Curtain Carriers and Track End Caps: Full-size units equal to 3 percent of amount installed for each size indicated, but not less than 10 units.
 2. Curtains: Full-size units equal to 10% of amount installed for each size indicated, but not less than 2 units.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Available Manufacturers: Subject to compliance with requirements, manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:
1. ADC Hospital Equipment, Division of Automatic Devices Company.
 2. Creative Healthcare Products Inc.
 3. General Cubicle Company Inc.
 4. Imperial Fastener Company.
 5. Kirsch.
 6. A. R. Nelson Co.
 7. Pryor Products.
 8. Salsbury Industries.
 - a. Basis of Design: Products as manufactured by General Cubicle Company, Inc.
 - 1) Surface Mounted Cubicle Track: Model No. 6062 (1 3/8" x 3/4" deep with a minimum wall thickness of .062").
 - 2) Cubicle Track Carriers: General Carrier Model No. 1062N (with 18" beaded chain drop).
 - 3) I.V. Track: Model No. 17000 I.V. Track (1 3/8" x 3/4" self-lubricating extruded aluminum).
 - 4) I.V. Carrier: Model No. 17200 self locking I.V. carriage.
 - 5) Hospital I.V. Pendants: Model No. 17150 Deluxe I.V. Pendant.
 - 6) Cubicle and Dressing Curtains: Polyester (Designer Cloth).
 - 7) Tub and Shower Curtains: Sure Chek, Polyester reinforced vinyl.

2.2 CURTAIN TRACKS

- A. Extruded-Aluminum Track: Not less than 1-1/4 inches wide by 3/4 inch high with minimum wall thickness of 0.062 inch.
 - 1. Curved Track: Factory fabricated 14-inch radius bends.
 - 2. Finish: Satin anodized.
- B. Track Accessories: Fabricate splices, end caps, connectors, end stops, coupling and joining sleeves, wall flanges, brackets, ceiling clips, and other accessories from same material and with same finish as track.
- C. Curtain Carriers: Two nylon rollers and nylon axle with nickel plated brass bead chain and polished aluminum hook assemblies.
- D. Exposed Fasteners: Stainless steel.
- E. Concealed Fasteners: Stainless steel.

2.3 CURTAINS

- A. Cubicle/Dressing Curtain Fabric: Cubicle manufacturer's standard, as follows:
 - 1. Color: As selected by Architect from manufacturer's full range.
 - 2. Fiber Content: 100 percent polyester, inherently and permanently flame resistant.
- B. Shower Curtain Fabric: Cubicle manufacturer's standard, as follows:
 - 1. Fiber Content: Polyester reinforced vinyl.
- C. Curtain Grommets: Two-piece, rolled-edge, rustproof, nickel-plated brass; spaced not more than 6 inches o.c.; machined into top hem.
- D. Beaded Chain Curtain Drop: 18 inches long; nickel-plated steel, with aluminum hook.
- E. Curtain Tieback: Nickel-plated brass chain; one at each curtain termination.

2.4 CURTAIN FABRICATION

- A. Fabricate curtains to comply with the following requirements:
 - 1. Width: Equal to track length from which curtain is hung plus 10 percent added fullness, but not less than 12 inches added fullness.
 - 2. Length: Equal to floor-to-ceiling height minus 18 inches from finished ceiling at top, and minus distance above finished floor at bottom as follows:
 - a. Cubicle Curtains: 12 inches.

- b. Dressing Area Curtains: 4 inches.
 - c. Tub Curtains: 6 inches.
 - d. Shower Curtains: 1/2 inch.
3. Top Hem: Not less than 1 inch and not more than 1-1/2 inches wide, triple thickness, reinforced with integral web, and double lock stitched.
 4. Bottom Hem: Not less than 1 inch and not more than 1-1/2 inches wide, double thickness and double lock stitched.
 5. Side Hems: Not less than 1/2 inch and not more than 1-1/4 inches wide, with double turned edges, and single lock stitched.
 6. Vertical Seams: Not less than 1/2 inch wide, double turned and double stitched.

2.5 IV SUPPORT SYSTEMS

- A. Extruded-Aluminum IV Track: Not less than 1-1/4 inches wide by 3/4 inch high; with minimum wall thickness of 0.062 inch.
 1. Curved Track: Factory fabricated 14-inch radius bends.
 2. Finish: Satin anodized.
- B. IV Carriers: Four nylon rollers and steel or stainless-steel axles, with ball bearings, with hanger loop fabricated from 1/4-inch- diameter stainless steel.
- C. Telescoping IV Hangers range 26" to 42" overall height with a 3/4-inch stainless-steel main shaft and a 3/8-inch stainless-steel inner shaft, vertically adjustable 16 inches; with 4 folding 1/4-inch stainless-steel arms with loops and a stainless-steel top loop to attach to carrier.
 1. Top Loop: Coated for non-conductivity.
 2. Adjustment Control: Push button or Release ring.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. General: Install tracks level and plumb, according to manufacturer's written instructions. Provide track fabricated from one continuous length up to 16 feet.
 1. Curtain Track Mounting: Surface.
 2. IV Track Mounting: Surface.
- B. Surface Track Mounting: Fasten surface-mounted tracks at intervals of not less than 24 inches. Fasten support at each splice and tangent point of each corner. Center fasteners in track to ensure unencumbered carrier operation. Attach track to ceiling as follows:
 1. Mechanically fasten to suspended ceiling grid with screws.

- C. Track Accessories: Install splices, end caps, connectors, end stops, coupling and joining sleeves, and other accessories as required for a secure and operational installation.
- D. IV Hangers: Unless otherwise indicated, install one IV hook on each IV track and hang one IV hanger.
- E. Curtain Carriers: Provide curtain carriers adequate for 6-inch spacing along the full length of the curtain plus an additional carrier.

3.2 PROTECTION

- A. Protect installed recessed track openings with non-residue adhesive tape to prevent debris from ceiling finishing operations from impeding carrier operation.

END OF SECTION 10190