

**SECTION 10 21 23.16
CUBICLE TRACK AND HARDWARE**

PART 1 GENERAL**1.1 SUBMITTALS**

Government approval is required for submittals with a "G" designation; submittals not having a "G" designation are for Contractor Quality Control approval. The following shall be submitted in accordance with Section 01 33 00 SUBMITTAL PROCEDURES:

SD-02 Shop Drawings

Cubicle track layout; G

SD-03 Product Data

Carrier unit; G

SD-08 Manufacturer's Instructions

Cubicle track installation

1.2 DRAWING REQUIREMENTS

Submit cubicle track layout drawings. Include ceiling, surface-mounted installation details, and overlay drawing showing other trades installation within area.

1.3 DELIVERY AND STORAGE

Deliver cubicle tracks to site in unopened containers clearly labeled with manufacturer's name and contents. Store in safe, dry, and clean location. Do not open containers until contents are to be installed.

1.4 QUALITY CONTROL

Allow smooth, rapid, and complete screening with no gaps at corners or ends of track. The track of a standard 8 by 8 foot cubicle shall have no joints. Form corner bends in a single continuous piece on a 12 inch radius to exactly 90 degrees. Other track lengths to 16 feet shall have no joints.

PART 2 PRODUCTS**2.1 MATERIALS AND COMPONENTS**

1. Item A1160, Track, IV, Oval, Ceiling Mounted, 4 feet x 7 feet
Oval, IV track, ceiling mounted. Anodized aluminum; corrosion resistant trolley with self locking hinge and stainless steel spiral hook for attaching bottle hanger. Size: 48 inches by 84 inches long

2. Item A1165, Straight IV track
Straight IV track, ceiling mounted. Anodized aluminum; corrosion resistant trolley with self locking hinge and stainless steel spiral hook for attaching bottle hanger. Size: 84 inches long

3. Item A5180A, Cubical track

Cubical track, surface mounted: Extruded aluminum track, self lubricating carriers, and beaded drop chain hooks; removable end caps. Size and configuration as indicated on drawings.

2.1.1 IV (intravenous) Track and Hanger: Heavy-duty type, Ceiling surface

mounted.

2.1.1.1 Hangers and Accessories: Fabricate from polished stainless steel.

1. IV tree: 5 bottle capacity on five spiral safety hooks, minimum length of 24 inches. Provide 2 trees per location. Text

2.1.2 Cubicle Track and Carrier Unit: Heavy-duty type, ceiling surface mounted. Bends: minimum 18 inches radius.

2.1.3 Curtain: Not a part of this contract

2.2 CARRIER UNIT

Silent type with double canted wheel carrier. Wheels shall have nylon on stainless steel chromium plated steel hooks with swivel to support the curtain. Carriers shall be removable only through access aperture or through end-cap that provides room for insertion or removal of carrier. Provide 2.2 carriers for every foot of track length, plus one additional carrier. Provide a safety loading unit at one end of the channel track consisting of a section of channel track equipped with a hinge and end latch to permit lowering for installation of or removal of curtains from hooks without the use of a step-ladder and without removing carriers from track. Rivet moveable end of safety loading unit to be riveted to the hinge. Latching end of safety loading unit with a double locking fail-proof locking device for safety. Safety loading unit to be four feet in length of an 8 foot ceiling installation so latch end lowers to four feet from floor, for installation or removal of curtain without the use of a step-ladder. Increase length of safety loading unit to be increased according to ceiling height. Provide a key wand for every 20 units.

2.3 END STOP AND PULL-OUT

Fabricate from aluminum or nylon with an anodized finish matching the track finish.

2.4 FASTENERS

Stainless steel.

2.5 FINISH

Satin, clear anodized.

PART 3 EXECUTION

3.1 INSTALLATION

Verify dimensions prior to installation. Install cubicle track after painting and finishing operations are complete. Provide labor and all materials indicated, specified or necessary for a complete finished installation. Install track plumb, level and true, and securely anchored to the ceiling to form a neat, rigid installation. Remove damaged or defective components and replace with new components.

3.1.1 Installation Details

Install heavy-duty cubicle tracks ceiling surface mounted. Install cubicle tracks where indicated. Install carrier units at 6 inches on center maximum. Install end cap at each end of the track and pull-out at the end where curtains are stacked to permit insertion and removal of carrier units. Securely fasten end stops to prevent their being forced out by striking weight of carrier units.

FY2012 - BUILDING 4

RENOVATION

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