

SECTION 10672

WIRE CLOSET AND UTILITY SHELVING

PART 1 - GENERAL

1.1 SUMMARY

- A. Section Includes:
 - 1. Guest Room Shelving:
 - a. Wire Closet Shelving
- B. Related Sections:
 - 1. Section 06100 - Rough Carpentry

1.2 SUBMITTALS

- A. Submit "Letter of Conformance" in accordance with Section 01320 with the following supporting data:
 - 1. Mark each copy to identify applicable products, characteristics, models, options and other supplemental data to clearly communicate information specific to this project.
 - 2. Color Chart: Each product specified.

1.3 QUALITY ASSURANCE

- A. Installer Qualifications: Manufacturer's authorized representative who is trained and approved for installation of units required for this Project.
- B. Source Limitations: Obtain metal storage shelving through one source from a single manufacturer.

1.4 DELIVERY, STORAGE, AND HANDLING

- A. Deliver storage shelving palleted, wrapped, or crated to provide protection during transit and Project-site storage.

1.5 PROJECT CONDITIONS

- A. Environmental Limitations: Do not deliver or install metal storage shelving until spaces are enclosed and weatherproof, wet work in spaces is completed and dry, and ambient temperature is being maintained at the levels indicated for Project when occupied for its intended use.

1.6 COORDINATION

- A. Coordinate locations and installation of shelving that may interfere with ceiling systems including lighting, HVAC, and sprinklers.

- B. Coordinate sizes and locations of blocking and backing required for installation of metal storage shelving attached to partition assemblies.

PART 2 - PRODUCTS

2.1 WIRE CLOSET SHELVES

- A. Approved Manufacturers:
 - 1. Clairson International, ClosetMaid (800-874-0008)
 - a. Standard Apartment: "7305" shelf with hanging rod.
 - 2. Or equal
- B. Design Apartments:
 - 1. Wire Shelves: One (1) shelf to be provided. Top Shelf to be full width of closet mounted at 68 inches above finished floor, with rods spaced at 1-inch centers.
 - a. Shelf Depth: 12 inches.
 - 2. ADA Apartments Wire Shelves: Two (2) shelves to be provided. Top Shelf to be full width of closet mounted at 68 inches above finished floor and bottom shelf to be 16 inches long mounted at 48 inches above finished floor, with rods spaced at 1-inch centers.
 - a. Shelf Depth: 12 inches.
- D. Components:
 - 1. Rods: All rods shall be Grade "C" Cold-drawn rod conforming to ASTM A29, Grade C1008, and 100,000 PSI tensile strength.
 - a. Front Rods: 0.306 inch diameter
 - b. Back Rods: 0.243 inch diameter
 - 2. Protective Coating: White epoxy coating (applied to a thickness of 3 to 5 mills) custom formulated baked-on anti marring hybrid epoxy.
 - 3. Mounting Hardware: Manufacturer's standard components including anchor clips, end brackets, angled support braces and end caps.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Install in accordance with manufacturer's published instructions, square and plumb, secured rigidly in position.
 - 1. Install Anchor Clip a minimum of 11 inches on center starting 1-1/2" from side walls at level height. Install an inverted Anchor Clip above every Angled Support Brace.
 - 2. Install End Brackets on return walls at front edge of shelf. Secure end brackets to wall as recommended by manufacturer.
 - 3. Install Angled Support Brace at each open end of shelf and every 42 inches of shelf length. Secure Angled Support Brace to wall as recommended by manufacturer.
 - 4. All cut edges of shelving to be capped with plastic end caps.
 - 5. All open ends of shelving to be capped with plastic Double End Caps.

END OF SECTION