

## SECTION 062023 - INTERIOR FINISH CARPENTRY

### PART 1 - GENERAL

#### 1.1 SUMMARY

- A. Section Includes:
  - 1. Closet Shelving and clothes rods .
  - 2. Storage Shelving.
  - 3. Found Property Shelving.
  - 4. Pantry Shelving.

#### 1.2 ACTION SUBMITTALS

- A. Product Data: For each type of process and factory-fabricated product.
- B. Samples: For each exposed product and for each color and texture specified.

### PART 2 - PRODUCTS

#### 2.1 SHELVING AND CLOTHES RODS FOR 2'-2 ½" CLOSETS WITH THE SHELF AND ROD SYMBOL ON PLANS:

- A. Single White Melamine Faced Shelf ¾" x 16" with applied-PVC White Edge.
- B. Shelf Brackets with Rod Support: BHMA A156.16, B04051; prime-painted formed steel.
- C. Metal Clothes Rods: 1-5/16-inch- diameter, color-coated-white steel tubes. Set rod at 5'-6" above the finished floor.
- D. Contractor is to provide submittal for proposed exact assembly for approval by owner and design team (Architect and Lead Design Professional).

#### 2.2 STORAGE SHELVING FOR 2'-2 ½" CLOSETS WITH 16" SHELVES SHOWN ON PLANS:

- A. Four White Melamine Faced Shelves ¾" x 16" with applied-PVC White Edge.
- B. Wall Mounted Heavy Duty Adjustable Shelving System.
- C. Contractor is to provide submittal for proposed exact assembly for approval by owner and design team (Architect and Lead Design Professional).

2.3 FOUND PROPERTY SHELVING:

- A. Three White Melamine Faced Shelves  $\frac{3}{4}$ " x 16" with applied-PVC White Edge.
- B. Wall Mounted Heavy Duty Shelf Bracket: BHMA A156.16, B04051; prime-painted formed steel.
- C. Contractor is to provide submittal for proposed exact assembly for approval by owner and design team (Architect and Lead Design Professional).

2.4 PANTRY SHELVING:

- A. White Melamine Faced Shelves  $\frac{3}{4}$ " x 16" with applied-PVC White Edge or approved alternate. Use four shelves vertically or approved alternate spacing.
- B. Wall Mounted Adjustable Shelving System appropriate for a Kitchen Pantry.
- C. Contractor is to provide submittal for proposed exact assembly for approval by owner and design team (Architect and Lead Design Professional).

2.5 STORAGE SHELVING (POLICE DEPARTMENT BUILDING REAR ROOM 162 AND 163):

- A. Three Unfinished Exterior Grade Medium Density Overlay Shelves  $\frac{3}{4}$ " x 16" with  $\frac{3}{4}$ " x 1  $\frac{1}{2}$ " vertical shelf face edge of poplar or radiata pine species wood.
- B. Wall Mounted Heavy Duty Shelf Brackets: BHMA A156.16, B04051; galvanized zinc coated formed steel. Heavy Duty Shelf Brackets with attachment to every stud (16" O.C. Maximum Spacing) in this area.
- C. Contractor is to provide submittal for proposed exact assembly for approval by owner and design team (Architect and Lead Design Professional).

2.6 MISCELLANEOUS MATERIALS

- A. Fasteners for Interior Finish Carpentry: Nails, screws, and other anchoring devices of type, size, material, and finish required for application indicated to provide secure attachment, concealed where possible.
- B. Glue: Aliphatic-resin, polyurethane, or resorcinol wood glue recommended by manufacturer for general carpentry use.
- C. Multipurpose Construction Adhesive: Formulation, complying with ASTM D3498, that is recommended for indicated use by adhesive manufacturer.

## PART 3 - EXECUTION

### 3.1 PREPARATION

- A. Clean substrates of projections and substances detrimental to application.
- B. Before installing interior finish carpentry, condition materials to average prevailing humidity in installation areas for a minimum of 24 hours.

### 3.2 INSTALLATION, GENERAL

- A. Install interior finish carpentry level, plumb, true, and aligned with adjacent materials.
  - 1. Use concealed shims where necessary for alignment.
  - 2. Scribe and cut interior finish carpentry to fit adjoining work. Refinish and seal cuts as recommended by manufacturer.
  - 3. Where face fastening is unavoidable, countersink fasteners, fill surface flush, and sand unless otherwise indicated.
  - 4. Install to tolerance of 1/8 inch in 96 inches for level and plumb. Install adjoining interior finish carpentry with 1/32-inch maximum offset for flush installation and 1/16-inch maximum offset for reveal installation.
  - 5. Coordinate interior finish carpentry with materials and systems in or adjacent to it. Provide cutouts for mechanical and electrical items that penetrate interior finish carpentry.

### 3.3 INSTALLATION OF SHELVING AND CLOTHES RODS

- A. Cut shelf cleats at ends of shelves about 1/2 inch less than width of shelves and sand exposed ends smooth.
  - 1. Install shelf cleats by fastening to framing or backing with finish nails or trim screws, set below face and filled.
  - 2. Space fasteners not more than 16 inches o.c. Use two fasteners at each framing member or fastener location for cleats 4 inches nominal in width and wider.
  - 3. Apply a bead of multipurpose construction adhesive to back of shelf cleats before installing.
  - 4. Remove adhesive that is squeezed out after fastening shelf cleats in place.
- B. Install shelf brackets according to manufacturer's written instructions, spaced not more than 32 inches o.c. Fasten to framing members, blocking, or metal backing.
- C. Install standards for adjustable shelf supports according to manufacturer's written instructions. Fasten to framing members, blocking, or metal backing, or use toggle bolts or hollow wall anchors. Space fasteners not more than 12 inches o.c.
- D. Install standards for adjustable shelf brackets according to manufacturer's written instructions, spaced not more than 32 inches o.c. and within 6 inches of ends of shelves. Fasten to framing members, blocking, or metal backing, or use toggle bolts or hollow wall anchors.

- E. Cut shelves to neatly fit openings with only enough gap to allow shelves to be removed and reinstalled.
  - 1. Install shelves, fully seated on cleats, brackets, and supports.
  - 2. Fasten shelves to cleats with finish nails or trim screws, set flush.
  - 3. Fasten shelves to brackets to comply with bracket manufacturer's written instructions.
- F. Install rod flanges for rods as indicated.
  - 1. Fasten to shelf cleats, framing members, blocking, or metal backing, or use toggle bolts or hollow wall anchors.
  - 2. Install rods in rod flanges.

END OF SECTION 062023