

## PART 1 - GENERAL

### 1.1 SUMMARY

1. Section Includes:
  1. Casework hardware, including drawer hardware,
2. Related Work:
  1. Casework and architectural millwork.

### 1.2 ACTION SUBMITTALS

1. Product Data: For each type of casework hardware and accessories.
2. Samples:
  1. Exposed casework hardware and accessories, one unit for each type and finish.

### 1.3 COORDINATION

1. Coordinate hardware requirements with fabricators of cabinets and architectural millwork.

## PART 2 - PRODUCTS

### 2.1 CASEWORK HARDWARE AND ACCESSORIES

1. General: Provide casework hardware and accessory materials associated with architectural cabinets except for items specified in Division 08 Section *Door Hardware*.
2. Drawer and Door Handles:
  1. If not otherwise indicated provide Richelieu 3487181, 14 mm round x 261 mm long stainless steel pull; or equivalent.
3. Frameless Concealed Hinges (European Type):
  1. If not otherwise indicated provide to BHMA A156.9, B01602, 135 degrees of opening, self-closing.
4. Catches: Magnetic catches: BHMA A156.9, B03141.
5. Adjustable Shelf Standards and Supports:
  1. If not otherwise indicated provide to BHMA A156.9, B04071; with shelf rests, B04081.
6. Adjustable Shelf pegs and Hole Liners
  1. 6 mm shelf pegs with integral "L"-shaped shelf support with hole for optional screw attachment, with metal hole liners, nickel plated finish.
7. Shelf Rests:
  1. If not otherwise indicated provide to BHMA A156.9, B04013; metal.
8. Aluminum Slides for Sliding Glass Doors: BHMA A156.9, B07063.
9. Closet Rods and Flanges

1. Clothes Rods of 33diameter chrome-plated steel tubes.
  2. Rod Flanges of chrome-plated steel or stainless steel.
10. Drawer Slides: BHMA A156.9, B05091.
1. For cabinets used as part of a domestic kitchen cabinet arrangement or kitchenette arrangement in staff rooms, lunch rooms, board rooms, and other similar locations:
    1. Standard Duty (Grade 1, Grade 2, and Grade 3): Side mounted and extending under bottom edge of drawer; partial-extension type; epoxy-coated steel with polymer rollers.
    2. Trash Bin Slides for trash bins not more than 500 mm high and 400 mm wide: Grade 1HD-200.
  2. For all other millwork:
    1. Drawers 610 mm wide or less: full extension all ball bearing, rail mount, full extension + 25 mm over travel slides, hold-in detent, 45 kg load rating, and progressive movement.
    2. Drawers 762 mm wide or less: fully concealed under-mount slide with ball bearing and polymer rollers, full extension, 45 kg load rating.
    3. Drawers 1067 mm wide or less or designated for files: all ball bearing, rail/bracket mount, full extension + 25 mm over travel slides, hold-in detent, 91 kg load rating, and sequential movement.
    4. Speciality Slides, as required, complete with ball-bearing glides.
11. Swing Gate Hardware
1. Single Direction Swing Hinges
    1. Toilet partition hardware - surface hinge in stainless, Richelieu #71130-170/71230-170; or equivalent.
  2. Latch
    1. Reversible secret latch, Richelieu 600100; or equivalent.
12. Locks
1. For Door: BHMA A156.11, E07121.
  2. For Drawer: BHMA A156.11, E07041.
  3. Master key all locks located in each millwork item (i.e. reception desk, bar, kitchenette, etc.)
  4. Provide 2 keys per lock.
13. Grommets for Cable Passage through Countertops
1. 51mm outside diameter, black, moulded-plastic grommets and matching plastic caps with slot for wire passage.
14. Cutlery Tray
1. Moulded polystyrene cutlery tray, custom cut to fit drawer size.
15. Hardware Finishes
1. Exposed Hardware: If not otherwise indicated provide Satin Stainless Steel: BHMA 630 to BHMA A156.18.
  2. Concealed Hardware: Provide manufacturer's standard finish that complies with product class requirements in BHMA A156.9.
16. Door and Drawer Bumpers
1. Plastic, polyurethane, neoprene or similar bumper, c/w tack or similar, but not of the self-adhesive type.
17. Float Glass for Cabinet Doors
1. To CAN/CGSB-12.3, clear, transparent, not less than 4.0 mm thick.
18. Safety Glass, when specifically noted

1. To CAN/CGSB 12.1-M90, clear, transparent, not less than 4.0 mm thick. Provide one of the following, unless noted otherwise.
  1. Laminated glass.
  2. Tempered glass.
  
19. Miscellaneous Hardware:
  1. Refer to drawings for other specific hardware required.
  2. Provide other hardware as required, of not less than the same finish and quality as other hardware specified.

### PART 3 - EXECUTION

#### 3.1 INSTALLATION

1. Install hardware in accordance with manufacturer's written installation instructions.
2. Install cable grommets in locations shown and in other locations determined on site by Public Works Representative up to 60 days after the date for Substantial Completion.
3. Install one cutlery tray in each set of cabinets located in a staff room, kitchenette, or other similar condition.
4. For each set of cabinets, provide locks on one upper and one base cabinet per set; unless noted otherwise.
5. Provide shelf standards and shelf clips for all adjustable shelves unless noted otherwise.
  1. Provide shelf pegs and hole liners where specifically indicated. Space holes with liners 32 mm on centre and running full height of cabinet. Locate holes 40 mm back from the front and back edges of adjustable shelves.

#### 3.2 ADJUSTING AND CLEANING

1. Clean, lubricate, and adjust hardware.

**END OF SECTION**