

SECTION 12511

MAILROOM FURNITURE

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Incoming processing, with dump station, primary sort station, and fine sort stations.
- B. Reader station.
- C. Satellite mail stations.
- D. Outgoing processing, with branch mail, outgoing dump, preparation, weighing, postage sort, metering, manifest, and zip code presort stations.

E. Supervisor station.

F. Storage units.

1.2 SUBMITTALS

A. Submit under provisions of Section 01300.

B. Product Data: Manufacturer's specification data on products.

C. Shop Drawings: Complete, detailed layout with model numbers and complete dimensioning information for installation.

D. Selection Samples: Color card of laminate finishes, for selection of colors.

E. Verification Samples: Actual laminate samples for verification of selected colors.

F. Maintenance Data: Ordering information on optional components.

1.3 DELIVERY, STORAGE, AND HANDLING

A. Do not deliver furniture until spaces where it is to be installed are complete and cleaned.

1.4 WARRANTY

- A. Manufacturer's limited lifetime warranty.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Acceptable Manufacturer: Southwest Solutions Group, Inc. Phone 800-803-1083. southwestsolutions.com

2.2 FURNITURE COMPONENTS

- A. Provide Hamilton Sorter "Mail Center and Communications Furniture" series components, fully modular and reconfigurable.
 - 1. Select type and size of units and accessories to provide the functionality indicated on drawings.
 - 2. Laminate Colors: As selected by Architect from manufacturer's standard range of colors.
 - 3. Laminate Colors: As selected by Architect from manufacturer's full range of standard and special colors.
 - 4. Laminate Colors: As indicated on drawings.
 - 5. Laminate Colors:
 - a. Bases, Verticals and Work Surfaces: Antique White (013).
 - b. Bases, Verticals and Work Surfaces: Natural Almond (031).
 - c. Bases, Verticals and Work Surfaces: Grey Moss (090).
 - d. Bases, Verticals and Work Surfaces: Fashion Grey (035).

- e. Bases, Verticals and Work Surfaces: Dove Grey (002).
 - f. Bases, Verticals and Work Surfaces: Slate Grey (068).
 - g. Bases, Verticals and Work Surfaces: Shadow (096).
 - h. Bases, Verticals and Work Surfaces: Ingot Grey (006).
 - i. Bases, Verticals and Work Surfaces: Black (007).
 - j. Bases, Verticals and Work Surfaces: Graphite Nebula (030).
 - k. Bases, Verticals and Work Surfaces: Canyon Zephyr (093).
 - l. Bases, Verticals and Work Surfaces: Kensington Maple (036).
 - m. Bases, Verticals and Work Surfaces: Solar Oak (089).
 - n. Bases, Verticals and Work Surfaces: Hampton Maple (098).
 - o. Bases, Verticals and Work Surfaces: Oiled Cherry (055).
 - p. Bases, Verticals and Work Surfaces: Empire Mahogany (078).
 - q. Bases, Verticals and Work Surfaces: Windsor Mahogany (001).
 - r. Bases, Verticals and Work Surfaces: Woodlawn Cherry (003).
 - s. Bases, Verticals and Work Surfaces: Cognac (091).
 - t. Bases, Verticals and Work Surfaces: Shaker Cherry (097).
 - u. Bases, Verticals and Work Surfaces: Cafelle (099).
 - v. Designer Work Surfaces: White Nebula (086).
 - w. Designer Work Surfaces: Desert Zephyr (095).
 - x. Designer Work Surfaces: Misted Zephyr (094).
 - y. Designer Work Surfaces: Twilight Zephyr (092).
 - z. Module Shelves and Shelf Supports: Brown (004).
 - aa. Module Shelves and Shelf Supports: Grey (002).
 - bb. Module Shelves and Shelf Supports: Black (007).
 - cc. Module Shelves and Shelf Supports: Transparent (CLR).
- 6. Aluminum: Natural anodized, satin finish.
 - 7. Aluminum: Powder coated, textured black.
 - 8. Aluminum: Powder coated, copper vein.

9. Aluminum: Powder coated, silver vein.
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- B. Aluminum Framed Console: Extruded aluminum frame and legs, assembled with machine screws, designed to enclose all edges of panels; top front edge contoured, enclosing edge of work surface.
 1. Side Panels: 5/8 inch (16 mm) thick thermally fused laminate on core particle board.
 2. Modesty Panels: 3/8 inch (9.525 mm) thick thermally fused laminate on core particle board.
 3. Work Surfaces: 11/16 inch (17.5 mm) thick particleboard, backed with 0.027 inch (0.7 mm) phenolic backer.
 4. Work Surface Finish: Mar- and stain-resistant high pressure plastic laminate.
 5. Work Surface Finish: Impact-resistant ABS plastic where indicated.
 6. Work Surface Finish: Stainless steel where indicated.
 7. Configuration:
 - a. Basic (CT): Open frame.
 - b. Half-shelf (CH__24__): Includes a 12-inch (.30 m) deep half-shelf.
 - c. Half-shelf (CH__30__): Includes a 15-inch (.38 m) deep half-shelf.
 - d. Half-shelf (CH__36__): Includes an 18-inch (.46m) deep half-shelf.
 - e. Full Shelf (CS__24__): Includes a 12 inch (.30 m) deep full-shelf.
 - f. Full Shelf (CS__30__): Includes a 30 inch (.38 m) deep full-shelf.
 - g. Full Shelf (CS__36__): Includes a 36 inch (.46 m) deep full-shelf.
 - h. Cabinet (CC): Includes a full shelf and sliding doors.
 - i. Center Mounted Modesty (CX): Includes a center mounted modesty panel designed to support additional weight.
 - j. Manifest Shipping Console (MAN): Cabinet console with five grommets, 18 inch (457.4 mm) and articulating keyboard tray.
 - k. Crank Adjustable Console (CTwwddADJ): Basic console with crank adjustment that elevates the work surface height from 24 to 36 inches (.61 to .914 m). Rated to support up to 125 pounds (56.7 kg).

- i. Electrical Adjustable Console (CTwwddELE): Basic console with electrical adjustment that elevates the work surface height from 24 to 36 inches (.61 to .914 m). Rated to support up to 125 pounds (56.7 kg).
 - m. Adjustable Scale Console (SU): Basic console with a 6 inch drop down work surface, 24 inches by 30 inches (609 mm by 762 mm).
 - n. Console with Rollers (CR): Basic console fitted with 22 inch (.56 m) wide steel ball bearing rollers.
 8. Provide aluminum inserts in exposed faces of frame members.
 9. Provide adjustable legs, for total height of 28 to 32 inches (711 to 812 mm).
 10. Provide adjustable legs, for total height of 34 to 38 inches (711 to 812 mm).
 11. Provide wheels where indicated.
 12. Provide dump rims where indicated.
 13. Provide metal to metal connection of sort modules and risers to consoles.
 14. Provide cable cutouts with plastic grommets where indicated.
 15. Provide cable raceways where indicated.
 16. Provide fasteners to attach consoles to one another.
- C. All Laminate Console: All laminate panel construction connected with Hafele mini-fix cam hidden fastener system with metal-to-metal connection points. Parts shall be predrilled for uniformity and consistency.
 1. Leg: 1 inch (25.4 mm) thick thermal set decorative overlay on core particleboard, with matching edge banding.
 2. Modesty Panels: 1 inch (25.4 mm) thick thermally fused laminate on core particle board, with matching edge banding.
 3. Work Surfaces: 17/16 inch (26.99 mm) thick particleboard, backed with 0.027 inch (0.7 mm) phenolic backer, with matching edge banding.
 4. Work Surface Finish: Mar- and stain-resistant high pressure plastic laminate.
 5. Work Surface Finish: Impact-resistant ABS plastic where indicated.
 6. Work Surface Finish: Stainless steel where indicated.

7. Hinged Doors: 5/8 inch (15.9 mm) thick thermal set decorative overlay on core particleboard; with matching edge banding, hinged with black elliptical handles. Where indicated.
 8. Sliding Doors: 3/8 inch (9.5 mm) thick thermally fused laminate on core particle board; with matching edge banding, sliding with black elliptical handles. Where indicated
 9. Shelves: 1 inch (25.4 mm) thick thermally fused laminate on core particle board, with matching edge banding, with adjustable supports; one per storage section. Where indicated.
 10. 3 inch recessed kick plate where indicated.
 11. Provide matching laminate inserts in exposed faces of frame members.
 12. Provide cable cutouts with plastic grommets where indicated.
 13. Provide cable raceways where indicated.
- D. Sort Modules: Thermally fused laminate on core particle board; 1 inch (25.4 mm) thick vertical ends and 5/8 inch (16 mm) thick top, bottom, and interior partitions; concealed fasteners; locking to console frame.
1. Sort module size configuration as indicated on drawings.
 - a. Standard size: 10-13/16 by 11-3/4 inch (274.6 by 299 mm) deep shelves.
 - b. Legal size: 10-13/16 by 15-7/8 inch (274.6 by 403 mm) deep shelves.
 - c. Oversize: 12-13/16 by 15-7/8 inch (325.4 by 403 mm) deep shelves.
 2. Fit each vertical section with full depth injection molded rigid PVC plastic shelf supports, at 1 inch on center.
 3. Adjustable Plastic Shelving: Removable and interchangeable polyethylene shelves of 1/8 inch (3.175 mm) polyethylene with memory retention, with full width aluminum indexing support channel front and back, rated capacity of minimum of 35 pounds (13.6 kg); manufacturer's standard quantity for unit size.
 4. Adjustable Wood Shelving: Removable and interchangeable wood shelves of 5/8 inch (15.875 mm) thick matching thermally fused laminate on core particle board with 0.059 inch (1.5 mm) PVC edge banding, rated capacity of

minimum of 50 pounds (22.68 kg); manufacturer's standard quantity for unit size.

5. Indexing channels covered with removable clear plastic cover, holding paper index strips.
6. Integral platforms where platform space is indicated.
7. Provide open back modules with clear acrylic plastic doors on back where indicated.
8. Provide clear acrylic plastic doors on front where indicated.
9. Provide open back platform where indicated.
10. Provide clear acrylic display boards mounted at angle at top of modules.
11. Provide drawers and file hangers where indicated.
12. Provide tack board where indicated; fabric: Guilford of Maine range # 2314, 3496, 3497, 3499 or 4145.
13. Provide task lights where indicated.

E. Freestanding Modules: Same construction and finish as sort modules, with feet for floor installation.

1. Sort module size configuration as indicated on drawings.
 - a. Standard size: 10-13/16 by 11-3/4 inch (274.6 by 299 mm) deep shelves.
 - b. Legal size: 10-13/16 by 15-7/8 inch (274.6 by 403 mm) deep shelves.
 - c. Oversize: 12-13/16 by 15-7/8 inch (325.4 by 403 mm) deep shelves.
2. Provide matching solid doors where indicated.
3. Provide bottom storage area without shelves where indicated.
4. Provide slide out shelf where indicated.
5. Provide sliding 3/8 inch (9.5 mm) thick sliding doors where indicated.
6. Provide 12 inch (304.8 mm) high kick plate where indicated.

2.3 MATERIALS

- A. Particleboard: Industrial grade, 40 to 50 pcf (640 to 800 kg/cu m), substrate.
- B. Door Handles: Aluminum, with matching finish.
- C. High Pressure Plastic Laminate: WilsonArt, Pionite, or Formica.

PART 3 EXECUTION

3.1 EXAMINATION

- A. Do not begin installation until spaces to receive furniture have been completed and cleaned.

3.2 INSTALLATION

- A. Install furniture and accessories as indicated on drawings, level and plumb, with separate units securely anchored.
- B. Adjust legs to height required.

END OF SECTION