

SECTION 105500.13 – UNITED STATES POSTAL SERVICE – DELIVERY POSTAL SPECIALTIES

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:

1. Mail receptacles.
2. Parcel lockers.
3. Accessories.

B. Related Sections:

1. Section 042000 – Unit Masonry
2. Section 054000 – Cold-Formed Metal Framing.
3. Section 055000 – Metal Fabrications.
4. Section 061000 – Rough Carpentry.
5. Section 092300 – Gypsum Plastering.
6. Section 092900 – Gypsum Board.

C. Reference and Industry Standards

1. The following reference standards shall be applicable to this Section:
 - a. United States Postal Service Standard STD-4B+ for wall-mounted or recessed centralized mailboxes that replace existing horizontal or vertical mailboxes.
 - b. United States Postal Service Standard STD-4C for wall-mounted or recessed horizontal or vertical centralized mailboxes in new construction or when existing rough opening dimensions are to be made in replacement applications.

1.2 ACTION SUBMITTALS

- A. Product Data: For each type of product.
- B. Shop Drawings: For postal specialties. Include plans, elevations, sections, and attachment details.
- C. Samples: For each type of exposed finish.

1.3 INFORMATIONAL SUBMITTALS

- A. Sample warranty.

1.4 DELIVERY, STORAGE, AND HANDLING

- A. Furnish lock keys according to USPS requirements; with temporary identification for their respective locks, bagged, and securely taped inside the collection compartment for shipping.

1.5 WARRANTY

- A. Special Warranty: Manufacturer agrees to repair or replace components of postal specialties that fail in materials or workmanship within specified warranty period.

1. Warranty Period: Five (5) years from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 MAIL RECEPTACLES

- A. Front-Loading Mail Receptacles: USPS-STD-4B+; consisting of multiple compartments with fixed, solid compartment backs, enclosed within a recessed wall box.

1. Front-Loading Master Door: Fabricated from extruded aluminum and braced and framed to hold compartment doors; prepared to receive master-door lock.

- a. Master-Door Lock: Door prepared to receive lock provided by local postmaster.

2. Compartments: **[Number and size as follows:] [As indicated on Drawings, of the following sizes:] [As indicated on Drawings.]**

- a. Type I: A group of mail receptacles in single-column configuration with single master door, **<Insert number up to eight>** mail compartments not less than 3 inches high by 12 inches wide by 15 inches deep, one outgoing mail collection compartment prepared for master-door lock, and one parcel-locker compartment 15 inches high by 12 inches wide by 15 inches deep.

- b. Type II: A group of mail receptacles in double-column configuration with double master door, **<Insert number up to 16>** mail compartments not less than 3 inches high by 12 inches wide by 15 inches deep, one outgoing mail collection compartment prepared for master-door lock, and **[one] [two]** parcel-locker compartment(s): **[15 inches high by 12 inches wide by 15 inches deep] [and] [18 inches high by 12 inches wide by 15 inches deep]**.

- c. Type III: A group of mail receptacles in double-column configuration with single master door, **<Insert number up to 16>** mail compartments not less than 3 inches high by 12 inches wide by 15 inches deep, one outgoing mail collection compartment prepared for master-door lock, and **[one] [two]** parcel-locker compartment(s): **[15 inches high by 12 inches wide by 15 inches deep] [and] [18 inches high by 12 inches wide by 15 inches deep]**.

3. Compartment Doors: Fabricated from extruded aluminum. Equip each with lock and tenant identification as required by USPS-STD-4B+. **[Provide mail slot in the compartment with master-door lock.]**

- a. Compartment-Door Locks: USPS-L-1172C; with three keys for each compartment door.

- b. Parcel-Locker-Compartment-Door Locks: Two-key security system in which control key provides access to parcel-locker-compartment key, which opens compartment and is retained once opened.

4. Frames: Extruded aluminum or aluminum sheet; ganged and nested units, with cardholder and blank cards for tenant's identification within each compartment.
5. Concealed Components and Mounting Frames: Aluminum or steel sheet.
6. Exposed Aluminum Finish:
 - a. Baked-Enamel or Powder-Coated Finish: **[Silver] [Black] [Medium bronze] [Dark bronze] [Gold [Color as selected by Design-Professional-of-Record from manufacturer's full range] [Color as selected by Owner from manufacturer's full range].**
7. Tenant Identification: Number **[engraved into face] [applied into recess]** of compartment door.
8. Compartment-Door Locks: USPS-L-1172C; with three keys for each compartment door.
9. Parcel-Locker-Compartment-Door Locks: Two-key security system in which control key provides access to parcel-locker-compartment key, which opens compartment and is retained once opened.

2.2 PARCEL LOCKERS

- A. Front-Loading Parcel Lockers, Recessed: USPS-STD-4B+; consisting of single or multiple compartments enclosed within a larger enclosure of type indicated below.
 1. Enclosure Type: Recessed.
 2. Compartments: **[Number and size as follows:] [As indicated on Drawings, of the following sizes:] [As indicated on Drawings.]**
 - a. Type X, Parcel Only: Single parcel receptacle **[15 inches high by 12 inches wide by 15 inches deep] [18 inches high by 12 inches wide by 15 inches deep]** without a master door.
 - b. Type X, Parcel Only: A group of parcel receptacles in single-column configuration without a master door; **[one] [two]** compartment(s) 18 inches high by 12 inches wide by 15 inches deep **[and] [one compartment 15 inches high by 12 inches wide by 15 inches deep].**
 - c. Type XI, Parcel Only: A group of parcel receptacles in single-column configuration with single master door prepared for master-door lock; **[one] [two] [compartment(s) 15 inches high by 12 inches wide by 15 inches deep] [and] [one] [two] [compartment(s) 18 inches high by 12 inches wide by 15 inches deep].**
 3. Front-Loading Master Door: Fabricated to hold compartment doors; prepared to receive master-door lock provided by local postmaster.
 4. Compartment Doors and Frames: Fabricated from same material and finish as adjacent mail receptacles. Equip each compartment door with lock; identification; and concealed, full-length, spring-loaded, flush hinge on right side.
 - a. Compartment Identification: Black, sequential numbers **[engraved into] [stamped onto]** recess in face of compartment door.

- b. Compartment-Door Locks: Dual-lock security system in which master lock provides access to customer lock (USPS-L-1172C) and parcel-locker key opens compartment and is retained once opened.
- 5. Aluminum Finish:
 - a. Baked-Enamel or Powder-Coated Finish: **[Silver] [Black] [Medium bronze] [Dark bronze] [Gold] [Color as selected by Design-Professional-of-Record from manufacturer's full range] [Color as selected by Owner from manufacturer's full range]**.

2.3 ACCESSORIES

- A. Key Keeper: Consisting of single compartment with door; interior compartment size not less than **[4-3/4 inches wide by 2-1/4 inches high by 1-1/2 inches deep]** <Insert dimensions>, USPS approved.
 - 1. Mounting: **[Recessed] [Surface mounted]**.
 - 2. Style: Compartment door **[set within face frame] [extending full width and height of unit, with no exposed frame]**.
 - 3. Type of Operation: **[Loose key in box] [Retractor reel with minimum 20-inch-long chain] [Push-button, 24-V switch in box]**.
 - 4. Door Lock: Door prepared to receive lock furnished by local postmaster.
 - 5. Exposed Materials:
 - a. Anodic Finish: **[Clear]** <Insert color>.
 - b. Baked-Enamel or Powder-Coated Finish: <Insert color>.

2.4 FABRICATION

- A. Form postal specialties to required shapes and sizes, with true lines and angles, square, rigid, and without warp, and with metal faces flat and free of dents or distortion. Make exposed metal edges and corners free of sharp edges and burrs and safe to touch. Fabricate doors of postal specialties to preclude binding, warping, or misalignment.
- B. Preassemble postal specialties in shop to greatest extent possible to minimize field assembly.
- C. Where dissimilar metals contact each other, protect against galvanic action by painting contact surfaces with bituminous coating or by applying other permanent separation as recommended by manufacturers of dissimilar metals.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Mail Receptacles: Install mail receptacles with center of tenant-door lock cylinders and bottom of compartments at the maximum and minimum heights above finished floor established by the USPS and manufacturer's written instructions.

3.2 FIELD QUALITY CONTROL

- A. Arrange for local United States Postal Services (USPS) personnel to examine and test postal specialties served by the USPS after they have been installed according to USPS regulations.

END OF SECTION 105500.13