

ARCHITECTURE

SECTION 10550

POSTAL SPECIALTIES

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. This Section includes the following:
 - 1. Vertical mailboxes, front loading.

1.3 SUBMITTALS

- A. General: submit under provisions of Section 01340 – Submittals.
- B. Product Data: For each type of postal specialty specified. Include details of construction relative to materials, dimensions of individual components, profiles, and finishes.
 - 1. Provide manufacturer's certification that equipment proposed complies with USPS regulations and has been approved by the Postmaster General.
 - 1. Shop Drawings: Show details of fabrication and installation. Include plans, elevations, sections, and attachments to other work. Actual numbering for the mailboxes on the drawings.
 - a. Each box to have a box number. Number the boxes from left to right.
 - 2. Submit box arrangement to local postmaster for approval.

1.4 QUALITY ASSURANCE

- A. Requirements of Regulatory Agencies: Comply with USPS requirements for construction and installation of units served by USPS.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Available Manufacturers: Subject to compliance with requirements, manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:
 - 1. Vertical Mailboxes:
 - a. Auth-Florence Manufacturing Company, 1250 Series.
 - b. Bommer Industries, Inc., 4B+ Series.
 - d. Salisbury Industries, 3500 Series.
 - e. Security Manufacturing, 6000 Series.
- B. Substitutions: Under the provisions of Section 01630 "Product Options and Substitutions."

2.2 METALS

- A. Aluminum: Alloy and temper best suited for the intended use and finish indicated.
 - 1. Plate and Sheet: ASTM B 209, mill finish, where not exposed.
 - 2. Extruded Bars and Shapes: ASTM B 221.

2.3 VERTICAL MAILBOXES

- A. General: Provide recessed, vertical-type, front loading mailboxes complying with USPS Publication 17 in size and with features indicated.
 - 1. Door Size: 16" high x 5-1/2" high x 6-1/2" deep behind the lock unit.
 - 2. Unit to be seven (7) boxes wide with one of the boxes designated for outgoing mail.
- B. Front-Loading Door: Manufacturer's standard unit, braced and framed to hold box doors in open position while mail is deposited. Fabricated from extruded aluminum finished to match front of unit with continuous stainless-steel piano hinge on bottom and positive latching system at the top.
 - 1. Tenant locks must not exceed 67" above finished floor nor be lower than 28" above finished floor.
 - 2. Locking: Construct mailboxes to receive 5-pin tumbler, cylinder cam locks capable of at least 1000 key changes; with 2 keys for each compartment door. Key each compartment differently. Coordinate keying with building keying system.
- C. Mail Compartments and Wall Receptacles: Fabricate concealed components of units from manufacturer's standard aluminum or steel sheet. Equip each compartment to receive tenant's name card.
- D. Compartment Doors and Trim: Fabricate doors and trim from extruded aluminum to suit type of installation and loading method.
 - 2. Identification: Engraved metal placard on each door with background material in same as mailboxes. Engraved numbers to be black. For sorting, provide slots and clear plastic openings to receive tenants' name cards.

2.4 METAL FINISHES

- A. Exposed Aluminum Finish: Clear Anodized Brushed Aluminum

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine mailbox areas and conditions for compliance with clearances and roughing-in requirements affecting installation of postal specialties. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 PREPARATION

- A. In addition to requirements of these Specifications, comply with manufacturer's written instructions and recommendations for preparing substrates, installing anchors, and applying postal specialty units.

3.3 INSTALLATION

- A. Install postal specialties level and plumb, according to manufacturer's written instructions, roughing-in drawings, original design, and referenced standards.
 - 2. Final acceptance depends on compliance with USPS requirements.

3.4 PROTECTION

- A. Provide final protection and maintain conditions, in a manner acceptable to manufacturer and Installer that ensure postal specialties are without damage or deterioration at the time of Substantial Completion.

END OF SECTION 10550