SECTION 102115

TOILET COMPARTMENTS

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**NOTE TO SPECIFIER**

*Use this Specification Section for Mail Processing Facilities.*

***This is a Type 1 Specification with completely editable text; therefore, any portion of the text can be modified by the A/E preparing the Solicitation Package to suit the project.***

*For Design/Build projects, do not delete the Notes to Specifier in this Section so that they may be available to Design/Build entity when preparing the Construction Documents.*

*For the Design/Build entity, this specification is intended as a guide for the Architect/Engineer preparing the Construction Documents.*

*The MPF specifications may also be used for Design/Bid/Build projects. In either case, it is the responsibility of the design professional to edit the Specifications Sections as appropriate for the project.*

*Text shown in brackets must be modified as needed for project specific requirements.* *See the “Using the USPS Guide Specifications” document in Folder C for more information.*

*The last date that USPS revised this standard specification section occurs in two places, at the end of this section and in the Table of Contents. If the date in this section matches the date in the Table of Contents, then you are using the latest version. Do not delete or revise the “last revised” date at the end of the section during the development of the Project Manual.*

*The footer in this section should be edited to replace the text, “USPS MPF SPECIFICATION” with the project name, and the blank date in the center should be replaced with the submission date, for interim design reviews, or the issue date of the completed Project Manual.*

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1. GENERAL

1.1 SUMMARY

* + 1. Work Includes:
       1. Solid plastic toilet compartments, floor mounted, head rail braced.
       2. Solid plastic urinal screens, wall mounted.
       3. Attachment hardware.
  1. REFERENCES
     1. American National Standards Institute (ANSI):
        1. ANSI A117.1 - Specifications for Making Buildings and Facilities Accessible To and Usable by Physically Handicapped People.
     2. American Society for Testing and Materials (ASTM):
        1. ASTM A 167 - Specification for Stainless and Heat-Resisting Chromium-Nickel Steel Plate, Sheet and Strip.
        2. ASTM E-84 – Standard Test Method for Surface Burning Charactereistics of Building Matrials.
  2. QUALITY ASSURANCE
     1. Regulatory Requirements:
        1. Conform to ANSI A117.1 code for access for the handicapped operation of toilet compartment door and hardware.
        2. IBC 2006 for Flame Spread/Smoke Development requirements.
  3. ENVIRONMENTAL REQUIREMENTS
     1. Resource Management:
        1. Recycled Content: Provide solid plastic compartments and screens with core manufactured from minimum 50 percent recycled plastic.

1. PRODUCTS
   1. MANUFACTURERS
      1. Subject to compliance with project requirements, manufacturers offering specified items which may be incorporated in the Work include the following:
         1. Capitol Partitions, Incorporated, Columbia, MD (410) 740-8870.
         2. Comtec Industries, Moosic, PA (717) 348-0997 or (800) 551-6993.
         3. Metpar, Corporation, Westbury, NY (516) 333-2600.
         4. Scranton Products, Scranton, PA (800) 368-5002 or (717) 343-7921.
   2. MATERIALS
      1. Solid plastic compartments and screens: water resistant; graffiti resistant; non-absorbent; with plastic face sheets permanently fused to plastic core.
         1. Panels: 1 inch thickness, manufacturers standard height except not less than 55 inches.
         2. Doors: 1 inch thickness, manufacturers standard height except not less than 55 inches.
         3. Pilasters: 1 inch thickness.
         4. Urinal screens: 1 inch thickness, 24 inches in depth, 42 inches in height, wall mounted.
      2. Pilaster Shoes: 3 inches high and one of the following:
         1. One piece molded polypropylene or high density polyethylene (HDPE).
         2. 20 gage stainless steel.
      3. Attachments:
         1. Screws, and Bolts: Stainless steel; tamper proof type.
         2. Wall Mounting Brackets: Continuous, full height heavy duty plastic or bight anodized aluminum brackets in accordance with toilet compartment manufacturer's instructions.
      4. Hardware: Chrome plated non‑ferrous cast pivot hinges, gravity type, adjustable for door close positioning; nylon bearings; black anodized aluminum door latch; door strike and keeper with rubber bumper; cast alloy chrome plated coat hook and bumper.
   3. FABRICATION
      1. Solid Plastic: 1/4 inch radius beveled edges.
      2. Hardware and Attachments: Pre-drilled by manufacturer; provide for protection of dissimilar metals.
         1. Floor Mounted Anchorage: Corrosion-resistant anchoring assemblies with threaded rods, lock washers, and leveling adjustment nuts at pilasters for structural connection to floor. Provide shoes at pilasters to conceal anchorage.

PART 3 – EXECUTION

3.1 Install all products in accordance with manufacturer’s guidelines and printed instructions.

END OF SECTION

USPS MPF Specification Last Revised: 10/1/2022