SECTION 088000

GLAZING

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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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PART 1 – GENERAL

1.1 SUMMARY

1. Insulating glass units for entrances, storefronts and windows.
2. Wall vision glazing panels.
3. Door vision glazing panels.
4. Glazing compounds and accessories.

1.2 SUBMITTALS

1. Product Data: Required.
2. Samples: Required

1.3 QUALITY ASSURANCE

1. Perform Work in accordance with FGMA Glazing Manual and ANSI Z97.1.
2. Special Warranty for sealed glass units from seal failure, interpane dusting or misting: 10 years.
3. Tempered glass glazing to be identified permanently by manufacturer.

PART 2 – PRODUCTS

2.1 MANUFACTURERS/PRODUCTS

A. Source: Vitro, Viracon, Pilkington or approved equal.

B. Insulated Glass Units: Comply with glazing and low E requirements defined in the MPF Design Criteria for the following:

1. Insulating glass units.

2. Safety insulating glass units if required by applicable codes and regulations.

3. Insulating glass units with security film.

C. Tempered Glass: Clear or tinted, fully tempered, 1/4” thick, complying with ASTM C 1048.

D. Wire Glass: (Fire and Impact Safety Rated) Comply with NFPA 257, ASTM E2010-01, ANSI Z97.1 and UL listings for fire rated door and wall vision panels.

E. One - Way Reflective Mirror Glass: Insulated glass unit to improve sound attenuation. Unit to comply with ASTM C1036.

F. Laminated Insulated Burglary Resistant Glass Units: Low E, double pane units with inner pane of clear tempered glass and outer pane of tinted tempered or annealed laminated glass, conforming to: UL972 or ASTM F1233 Class Three Standard Test Method for Security Glazing and Systems.

G. Bullet-resistant Glass complying with UL 752 “Standard for Bullet Resisting Equipment”.

H. Glazing Compounds and Accessories recommended by glazing manufacturer.

PART 3 – EXECUTION

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

END OF SECTION

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