

## SECTION 08800

### GLAZING

#### PART 1 GENERAL

##### 1.01 DIVISION OF RESPONSIBILITIES TERMINOLOGY: **NOT USED**

##### 1.02 SUMMARY:

- A. The Contractor shall provide glazing and glazing accessories, where shown on the drawings, as specified in this Section, and as needed for a complete and proper installation.
  - 1. Glazing at Automatic Sliding Entrance Door/ Sidelite Units.
  - 2. Glazing at Exterior Storefront and Swinging Aluminum Doors.
  - 3. Glazing at Interior Windows and Interior Aluminum Door Lites.
  - 4. Applied Exterior Opaque Window Film at exterior glazing.
  - 5. **NOT USED**
  - 6. Transparent Mirror at interior glazing, where shown on the drawings

##### 1.03 RELATED WORK: Section 08410- Aluminum Entrance Doors & Storefront

##### 1.04 SUBMITTAL: No product submittal is required for the work of this Section IF provided per the construction documents. Any Request for Product Substitution must be submitted per Section 01340- Submittals.

##### 1.05 WARRANTY:

- A. The Contractor shall include the Glazing Manufacturer's Two (2) Year Warranty against defects on all glass products in the Building Maintenance Manuals per Section 01700- Contract Closeout.
- B. Installer's Warranty: The Contractor shall provide of the glazing installer's warranty for all work, for a term of 1 year after the Date of Substantial Completion, in the Building Maintenance Manuals per Section 01700- Contract Closeout

#### PART 2 PRODUCTS

##### 2.01 VISION GLASS:

- A. General: Provide the glass type and thickness shown on the drawings or specified in this Section.
- B. Tempered Glass: All tempered glass provided must comply with Fed. Spec. DD-G-1403 and ANSI Z97.1 and bear the appropriate permanent labels EXCEPT where temporary labels are specifically allowable by applicable code or allowable by the jurisdiction.
  - 1. General: Provide the glass type and thickness shown on the drawings or specified in this Section
  - 2. Provide 1/4-inch thickness Tempered Glass
  - 3. Insulating Glass Units (Exterior Storefront): Type G, SIGMA No. 64-7-2 double pane Clear Glass; outer pane 1/4 inch; inner pane 1/4 inch; and total unit thickness 1 inch. Clear insulating units shall have a maximum shading coefficient of 0.80 or less. Provide tempered insulated glazing where shown on the Drawings.

- C. Wire Glass: Provide Type III, Class 1, Kind A, Form 1, with pattern M3 wire mesh, 1/4 inch thickness. *(fire rated door assemblies, if applicable)*

#### 2.02 EXTERIOR OPAQUE WINDOW FILM:

- A. Provide Tinting Film equal to 3M Scotchcal Window Film, Color White OR as selected by the Landlord and/or the PETCO Project Manager, at the interior side of the exterior opaque glazing where shown on the drawings, by 3M Construction Products (877/ 777-7580 or 401/ 233-7800). The 3M Construction Products representative may furnish qualified local distributors and installers in this project locale.
- B. Product Mock-up: This product MUST be approved, on-site, by the PETCO Project Manager. This film must be opaque (not transparent or translucent), and shall completely conceal interior elements when viewed from the exterior, unless accepted by the PETCO Project Manager. Final product selection may be dictated by similar applications elsewhere in the shopping center vicinity; by the Landlord; or by local ordinance.

#### 2.03 TRANSPARENT MIRROR (CAGE ROOM DOORS):

- A. Provide Transparent Mirror (One-Way Glass) at the Grooming Reception-to-Cage Room door, and at the Grooming Salon-to-Cage Room door, equal to Pilkington Mirropane E.P., with reflective mirror coating facing towards the Grooming Salon side (at door to Grooming Salon) and at the Grooming Reception side (at door to Cage Room).
  - 1. Nominal Thickness 1/4"
  - 2. Glass Substrate: Pilkington Optifloat Grey Tinted glass.
  - 3. Visible Transmittance: 12%.
  - 4. Visible Reflectance: 60%.

### PART 3 EXECUTION

- 3.01 SURFACE CONDITIONS: The Contractor shall examine the areas and conditions under which work of this Section will be provided, shall correct conditions detrimental to timely and proper completion of the work, and shall NOT proceed until unsatisfactory conditions are corrected.
- 3.02 INSTALLATION: In addition to complying with pertinent codes and regulations of the local jurisdiction, the Contractor shall comply with pertinent recommendations contained in the Flat Glass Marketing Association's "Glazing Sealing Systems Manual", and "Glazing Manual".

END OF SECTION