

STANDARDS AND SPECIFICATIONS

BULLET RESISTANT 3 SIDED

SLIDING TRANSACTION WINDOW

PART 1

1.1 REFERENCE

The publications below form a part of this specification.

UNDERWRITERS LABORATORY UL-7.52 9th edition,
STANDARD for Bullet Resistant Equipment (January 27, 1995).

1.2 SUBMITTALS

The following shall be submitted in accordance with Sections 08800 and 13700 and the SPECIAL CONTRACT REQUIREMENTS: Submit for approval prior to fabrication samples, brochures, specifications, **UL LISTING** and **UL-752 Current Test Results** as provided by Underwriters Laboratory, and printed data in sufficient detail to indicate compliance with the contract documents.

1.3 DESIGN

Through design, manufacturing and construction technique so that frame can be rated by the manufacturer to be "non-ricochet type" and "non-pop out type", which holds the glazing in place. *Frames with removable stops are not acceptable.

1.4 WARRANTY

All materials and workmanship shall be warranted against defects for a period of two (2) years from date of receipt at job site.

PART 2

2.1 MANUFACTURER

The transaction windows to be manufactured as indicated on the approved drawings by Protective Structures. Ltd., 7565 Industrial Court, Alpharetta, GA. 30004, (toll free) 888.521.8666, (fax) 770.521.2299, email: info@protectivestructures.com, Website: www.protectivestructures.com.

2.2 FRAMES

Frames to be deep capture with a minimum deep capture of one inch on all three sides of the window. Frames to be specifically extruded to allow all fasteners to be applied to the protected side of the frame. Frames to be made of 6063 Aluminum Alloy with a minimum wall thickness of .125". Frames to be lined with UL-752 bullet resistant fiberglass equal to the level of the glazing. (Specify level).

2.3 GLAZING

Windows to be glazed with UL listed materials (Specify level) such as acrylic, polycarbonate. The fixed panel shall not be moveable. The sliding panel shall rest in a U channel lined with polyethylene. All glazing panels shall be polished to a clear satin finish.

2.4 DEAL TRAY AND COUNTER

Provide a 2 ¼" thick counter top the full width of the window lined with UL-752 ballistic fiberglass, the same level of protection as the glazing. Counter to have built in stainless steel non-ricochet deal tray. Counter top can be made of wood and finished with plastic laminate or it can be made of stainless steel or solid surface such as corian.

2.5 VOICE PORT

Windows to have natural voice ports for sound transmission. Voice ports must be made of the same glazing material and must overlap the gap in the glazing a minimum of 2". Voice ports can be horizontal or vertical and can be made in any shape to match existing décor. Stainless steel voice ports of equal ballistic protection can be substituted.

PART 3

3.1 INSTALLATION

In accordance with manufacturer's instructions.

3.2 PROTECTION

It shall be the responsibility of the contractor to see that any scratches or damage caused in shipping or handling of the products are properly cleaned and touched up. Store the products in a dry, heated location, covered and ventilated to protect them from damage. Repair damaged units prior to completion and acceptance of the project or replace with new, as directed.

3.3 CLEANING

Upon completion, clean units thoroughly. Clean glazing products in accordance with the manufacturer's instructions.