

## MODEL CTW

### PART 1 – GENERAL

### PART 2 – PRODUCTS

**(2.01) BULLET RESISTANT CLAMP-ON SERVICE WINDOW:** Model CTW, Service Window with UL label by Chicago Bullet Proof Systems, 2595 Bond Street, University Park, IL 60484, tel: (708)-534-9102. *Non-UL labeled assemblies are not acceptable.*

- A. Frame: Chicago Bullet Proof Systems Model CTW, Clamp-on Service Window with UL label for assembly. Service windows shall be constructed from Chicago Bullet Proof's certified Shot-Tex bullet-resistant steel and shall bear a UL label. Service window shall be complete with adjustable frame for wall thicknesses from 4-1/2 inches to 8-1/2 inches with applied glazing stop on the protected side. Frame shall be three-sided with mitered and fully welded corners. Frames shall be bolted to the deal tray/voice panel sill. Exposed welds shall be ground smooth and finished flush with adjoining surfaces, free of holes or defects. *Two-sided frames with glass channel tops are not acceptable.*
- B. Service window shall be Model CTW with overall size of \_\_\_\_\_ inches wide by \_\_\_\_\_ inches high.
- C. Frame Finish: Finish for clamp-on service window frame shall be \_\_\_\_\_. (prime painted or stainless steel with brushed finish).
- D. Sill: Sill shall be stainless steel with integral deal tray and voice panel and shall be 3 inches high by the width of the window by 11 inches. Sill is bolted to three sided window frame.
- E. Deal Tray/Voice Panel Sill: Window shall be single deal tray type with voice panels adjacent to the deal tray in sill. Deal tray shall be sized to pass items not exceeding 12-3/4" width and 1-5/8" height and shall be mortised and integral to sill. Voice panels shall include an acoustically balanced natural voice transmission system. Deal tray and voice panels shall be of stainless steel with brushed finish.  
  
*Over 60 inch wide unites may have 2 deal tray openings and 4 voice panels in one sill.*
- F. Writing Ledge: 6-1/2 inch deep by full window width, stainless steel writing ledge is integral to sill. (Specify which side writing ledge is to be installed, threat side, non-threat side, or both sides).

- G. Glass Armor: UL 752 listed bullet resistant transparent armor (Laminated Glass or Glass Clad Polycarbonate) of \_\_\_\_\_(see below) thickness and UL listed level \_\_\_\_\_(see below). Manufacturer shall furnish acoustic rubber spacers. All other glazing materials shall be provided by glazier.

<u>Laminated Glass Thickness</u>	<u>Glass Clad Polycarbonate Thickness</u>	<u>UL level*</u>
1-1/4"	3/4"	Level 1
	15/16"	Level 2
1-3/4"	1-1/8"	Level 3
	1-3/16"	Level 4

- H. Service window assembly shall be UL listed and labeled to ballistic levels defined in the Standard for Safety UL 752 for level\* \_\_\_\_\_. (select one: level 1, level 2, level 3, or level 4)

***\*Consult CBP's list of UL label definitions to select the best level for your application.***

- Notes:**
1. *Modifications can be done to units for exterior installations, contact manufacturer.*
  2. *A 96 inch wide unit has one 2 inch wide vertical division mullion dividing frame into two equal transparent panels.*
  3. *Special frame, glass, and size conditions are available, contact manufacturer.*

### **PART 3 – EXECUTION**