

MODEL CDR

PART 1 – GENERAL

PART 2 – PRODUCTS

(2.01) DOOR/FRAME ASSEMBLIES: Standard CDR Commercial Door/Frame Assembly 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. Chicago Bullet Proof Systems Standard CDR Commercial Door/Frame Assembly with UL label for assembly. Door/Frame shall be constructed from UL listed Shot-Tex bullet-resistant steel and shall bear a UL label.
- B. Finish: Prior to pre-hanging door in frame, all exposed welds shall be ground smooth and assembly shall be given a spray coat of rust-inhibiting primer at the factory.
- C. Frame: Jamb opening shall be _____ inches wide by _____ inches high. Frame profile shall be double rabbeted and have a 2 inch face dimension by 5-1/2 inch depth. Corners shall be mitered, welded and ground smooth. Knock down frames are unacceptable. Door frames shall have 6 T-strap anchors for installation into new coursed masonry walls (or shall be prepped for existing masonry opening, or shall be prepped for built in stud wall installation).
- D. Doors: Doors shall be of all welded construction. Doors are 1-3/4 inches thick with 1/8 inches thick internal reinforcing channels.
- E. Preparation: Door/Frame assembly shall be mortised, reinforced, drilled and tapped at the factory in preparation for mortise lockset.
- F. Hardware and Accessories: Providing the assembly manufacturer's standard door package hardware and accessories, including:
 - 1. Sargent 8204 mortise lockset with LNJ lever trim or equal.
 - 2. A Yale 4400 heavy duty closer.
 - 3. Continuous CBP #12252 stainless steel bullet-resisting hinge shall be drilled and tapped at the factory.
 - 4. Other hardware shall include 3 Glynn-Johnson #64 silencers and 6 adjustable strap anchors for masonry walls.
 - 5. Other options: **Electric Strike**, Folger Adam 310-2-3/4, 24VAC. X LCBMA x (satin chromium) finish. (Note: Access control and transformer for electric strike are supplied by installer). **Insulation** is batt type fiberglass. **Threshold** of extruded aluminum with mill finish. **Weather-stripping** at head and jambs with self-adhesive silicone seal. **EMA prep:** manufacturer provides bolt and screw anchor preparation and proper frame reinforcement. (Note: Bolt or screw anchors are provided by installer).

- G. Vision panel: Vision panel shall be _____ inches wide by _____ inches high with flush appearance on threat side and applied glazing stops on the protected side. Stops shall have mitered corners and the same finish as the door.
- H. 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).

<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
	1-5/16"	Level 5
	2"	Level 8

- I. 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.
- J. 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.
- K. OPTIONAL: Chicago Bullet Proof Systems' standard PP with UL assembly in door below the window. Package passer shall be constructed from Chicago Bullet Proof's certified Shot-Tex bullet resistant steel and shall bear a UL label.
1. Size: Package passer shall have an interior clear dimension of 14-3/8 inches wide by 11-5/8 inches high by 12-5/8 inches deep. The required wall opening shall be 16-1/2 inches wide by 16 inches high. Maximum wall thickness shall not exceed 9-1/4 inches.
 2. Hardware: Package passer shall have mechanically interlocking doors permitting only one door to be opened at a time, and shall be complete with hardware consisting of:
 - a. **Hinges:** A continuous heavy duty hinge on both doors.
 - b. **Pull handles:** Stainless steel pull handle on exterior door and three position control handle on interior door permitting: exterior unlocked-interior locked, both doors locked, or exterior locked-interior unlocked.
 - c. **Closer:** Return spring closer on exterior door.
 - d. **Options:** Control handle with key lock and weather stripping for exterior doors.

3. Finish: Finish for package passer shall be _____ (select one from below).
 - a. All prime painted.
 - b. An exterior door and mounting frame of brushed stainless steel and the balance of the unit shall be prime painted.
 - c. All exposed surfaces of both doors, both mounting frames, body and interior shelf of brushed stainless steel and the balance of unit shall be prime painted.
4. Package passer 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).
- L. Commercial Door/Frame 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, level 4, level 5 *(w/o package passer)*, level 6 *(w/o package passer)*, or level 8 *(w/o package passer)*).

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

PART 3 – EXECUTION