SECTION 13 10 00

BULLET RESISTANT ARCHITECTURAL ASSEMBLIES

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\*\* NOTE TO SPECIFIER \*\* Chicago Bullet Proof Systems; Bullet resistant architectural assemblies.
This section is based on the products of Chicago Bullet Proof Systems, which is located at:2595 Bond St.University Park, IL 60484Tel: 708-534-9102Fax: 708-534-9132Email: [request info (max@chicagobulletproof.com)](https://arcat.com/rfi?action=email&company=Chicago%252BBullet%252BProof%252BSystems&message=RE%253A%2520Spec%2520Question%2520(13065cbp)%253A%2520&coid=31417&spec=13065cbp&rep=&fax=708-534-9132)
Web: <https://chicagobulletproof.com>
 [ [Click Here](https://arcat.com/company/chicago-bullet-proof-systems-31417) ] for additional information.
Chicago Bullet Proof Systems is a high quality designer and manufacturer of architectural products dedicated to providing the best protection available to the financial, government, commercial and private industries.
Established in 1912, Chicago Bullet Proof is a leader in the bullet resistant industry with innovative engineering, UL testing, and quality manufacturing.
Chicago Bullet Proof Systems' products are listed and labeled by Underwriters Laboratories, according to UL 752 Standards.

1. GENERAL
	1. SECTION INCLUDES

\*\* NOTE TO SPECIFIER \*\* Delete items below not required for project.

* + 1. Bullet Resistant Door and Frame Assemblies.
		2. Bullet Resistant Vision Windows.
		3. Bullet Resistant Transaction Windows.
		4. Bullet Resistant Devices.
			1. Package passer.
			2. Gun-ports.
			3. Money cart pass-thru.
			4. Louvers.
			5. Chutes.
			6. Drawers.
			7. Speak-thrus.
			8. Deal trays.
			9. Dip tray covers.
		5. Bullet Resistant Armors.
		6. Bullet Resistant Enclosures.
		7. Bullet Resistant Transparent Barrier Systems
	1. RELATED SECTIONS

\*\* NOTE TO SPECIFIER \*\* Delete any sections below not relevant to this project; add others as required.

* + 1. Section 05 10 00 - Structural Metal Framing.
		2. Section 05 50 00 - Metal Fabrications.
		3. Section 06 10 00 - Rough Carpentry.
		4. Section 08 71 00 - Door Hardware.
		5. Section 08 83 13 - Mirrored Glass Glazing.
		6. Section 09 90 00 - Painting and Coating.
	1. REFERENCES

\*\* NOTE TO SPECIFIER \*\* Delete references from the list below that are not actually required by the text of the edited section.

* + 1. ASTM International (ASTM):
			1. ASTM A 666
			2. ASTM B 209/B 209M
			3. ASTM E119
		2. Underwriters Laboratories (UL):
			1. UL 10B - Standard for Fire Tests of Door Assemblies.
			2. UL 752 - Standard for Bullet-Resisting Equipment.
		3. National Institute of Justice (NIJ):
			1. NIJ Standard 0108.01 -
	1. SUBMITTALS
		1. Submit under provisions of Section 01 30 00 - Administrative Requirements.
		2. Product Data:
			1. Manufacturer's data sheets on each product to be used.
			2. Preparation instructions and recommendations.
			3. Storage and handling requirements and recommendations.
			4. Typical installation methods.

\*\* NOTE TO SPECIFIER \*\* Delete selection samples if colors have already been selected.

* + 1. Selection Samples: For each finish product specified, two complete sets of color chips representing manufacturer's full range of available colors and patterns.
		2. Verification Samples: For each finish product specified, two samples, minimum size 6 inches (150 mm) square representing actual product, color, and patterns.
		3. Shop Drawings: Include details of materials, construction and finish. Include relationship with adjacent construction.
	1. QUALITY ASSURANCE
		1. Manufacturer Qualifications: Company specializing in manufacturing products specified in this section with a minimum five years documented experience.
		2. Installer Qualifications: Company specializing in performing Work of this section with minimum two years documented experience with projects of similar scope and complexity.
		3. Source Limitations: Provide each type of product from a single manufacturing source to ensure uniformity.
	2. PRE-INSTALLATION CONFERENCE
		1. Convene a conference approximately two weeks before scheduled commencement of the Work. Attendees shall include Architect, Contractor and trades involved. Agenda shall include schedule, responsibilities, critical path items and approvals.
	3. DELIVERY, STORAGE, AND HANDLING
		1. Store and handle in strict compliance with manufacturer's written instructions and recommendations.
		2. Protect from damage due to weather, excessive temperature, and construction operations.
	4. PROJECT CONDITIONS
		1. Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's recommended limits.
	5. SEQUENCING
		1. Ensure that products of this section are supplied to affected trades in time to prevent interruption of construction progress.
	6. WARRANTY
		1. Manufacturer's Warranty: Provide manufacturer's standard limited warranty.
1. PRODUCTS
	1. MANUFACTURERS
		1. Acceptable Manufacturer: Chicago Bullet Proof Systems, which is located at:2595 Bond St.University Park, IL 60484Tel: 708-534-9102Fax: 708-534-9132Email: [request info (max@chicagobulletproof.com)](https://arcat.com/rfi?action=email&company=Chicago%252BBullet%252BProof%252BSystems&message=RE%253A%2520Spec%2520Question%2520(13065cbp)%253A%2520&coid=31417&spec=13065cbp&rep=&fax=708-534-9132);Web: <https://chicagobulletproof.com>

\*\* NOTE TO SPECIFIER \*\* Delete one of the following two paragraphs; coordinate with requirements of Division 1 section on product options and substitutions.

* + 1. Substitutions: Not permitted.
		2. Requests for substitutions will be considered in accordance with provisions of Section 01 60 00 - Product Requirements.

\*\* NOTE TO SPECIFIER \*\* Delete article if not required.

* 1. BULLET RESISTANT DOOR AND FRAME ASSEMBLIES
		1. Door and Frame Assemblies:
			1. Door and frame assembly shall be UL listed in accordance with UL 752.
			2. Prior to pre-hanging door in frame, all exposed welds shall be ground smooth.

\*\* NOTE TO SPECIFIER \*\* Delete finish options not required.

* + - 1. Finish: Factory applied rust-inhibiting primer.
			2. Finish: Galvanized steel.
			3. Finish: Stainless steel.
			4. Frame:

\*\* NOTE TO SPECIFIER \*\* Delete opening size option not required.

* + - * 1. Opening Size: As indicated on Drawings.
				2. Opening Size (WxH, in/mm): \_\_\_\_\_\_.

\*\* NOTE TO SPECIFIER \*\* Delete profile options not required.

* + - * 1. Profile: Double rabbeted.

Profile Dimensions: As indicated on the Drawings.

Profile Dimensions: W x D (in/mm): \_\_\_\_\_\_.

* + - * 1. Profile: Single rabbeted.

Profile Dimensions: As indicated on the Drawings.

Profile Dimensions: W x D (in/mm): \_\_\_\_\_\_.

* + - * 1. Profile: Clamp-on frame.

Profile Dimensions: As indicated on the Drawings.

Profile Dimensions: W x D (in/mm): \_\_\_\_\_\_.

* + - * 1. Corners mitered, welded, and ground smooth.

\*\* NOTE TO SPECIFIER \*\* Delete anchoring options not required.

* + - * 1. Anchoring: Prepped with 6 T-strap anchors.
				2. Anchoring: Prepped for existing masonry opening.
				3. Anchoring: Prepped for stud wall installation.
			1. Doors:
				1. Welded construction.
				2. Thickness: 1-3/4 inches (44 mm).
				3. Internal Reinforcing: 1/8 inch (3 mm) thick reinforcing channels.
			2. Preparation: Door and frame assembly shall be mortised, reinforced, drilled, and tapped at the factory in preparation for mortise lockset.
			3. Vision Panel:
				1. Flush appearance on threat side and applied glazing stops on protected side.
				2. Stops: Mitered corners.

\*\* NOTE TO SPECIFIER \*\* Delete panel size not required.

* + - * 1. Panel Size: As indicated on Drawings.
				2. Panel Size (WxH, in/mm): \_\_\_\_\_\_.
			1. Glass Armor: UL 752 listed bullet resistant transparent armor.

\*\* NOTE TO SPECIFIER \*\* Delete basis of design options not required.

* + 1. Basis of Design: Bullet Resistant Door and Frame, Model DR; as manufactured by Chicago Bullet Proof Systems.
			1. Performance and Design Requirements:

\*\* NOTE TO SPECIFIER \*\* Delete bullet resistance options not required.

* + - * 1. Bullet Resistance: UL 752, Level 1.
				2. Bullet Resistance: UL 752, Level 2.
				3. Bullet Resistance: UL 752, Level 3.
				4. Bullet Resistance: UL 752, Level 4.
				5. Bullet Resistance: UL 752, Level 5.
				6. Bullet Resistance: UL 752, Level 6.
				7. Bullet Resistance: UL 752, Level 8.

\*\* NOTE TO SPECIFIER \*\* Delete configuration options not required.

* + - 1. Configuration: Single swing door.
			2. Configuration: Pair swing doors.
			3. Configuration: Vision panel.
			4. Configuration: Single sliding door.
			5. Configuration: Pair sliding doors.

\*\* NOTE TO SPECIFIER \*\* Delete sidelight and transom options not required.

* + - 1. Sidelight: Size as indicated on Drawings.
			2. Sidelight (in/mm): \_\_\_\_\_\_.
			3. Transom: Size as indicated on Drawings.
			4. Transom (in/mm): \_\_\_\_\_.
		1. Basis of Design: Bullet Resistant Wood Veneer Door and Frame, Model DRWV; as manufactured by Chicago Bullet Proof Systems.
			1. Performance and Design Requirements:

\*\* NOTE TO SPECIFIER \*\* Delete bullet resistance options not required.

* + - * 1. Bullet Resistance: UL 752, Level 1.
				2. Bullet Resistance: UL 752, Level 2.
				3. Bullet Resistance: UL 752, Level 3.
				4. Bullet Resistance: UL 752, Level 4.
				5. Bullet Resistance: UL 752, Level 6.
				6. Bullet Resistance: UL 752, Level 8.

\*\* NOTE TO SPECIFIER \*\* Delete configuration options not required.

* + - 1. Configuration: Single swing door.
			2. Configuration: Pair swing doors.
			3. Configuration: Vision panel.
			4. Configuration: Single sliding door.
			5. Configuration: Pair sliding doors.

\*\* NOTE TO SPECIFIER \*\* Delete sidelight and transom options not required.

* + - 1. Sidelight: Size as indicated on Drawings.
			2. Sidelight (in/mm): \_\_\_\_\_.
			3. Transom: Size as indicated on Drawings.
			4. Transom (in/mm): \_\_\_\_\_.
			5. Wood Veneer: Bonded to door interior side, exterior side, and latch edge with waterproof adhesive and sanded clean.
		1. Basis of Design: Dual Bullet Resistant Fire Rated Door and Frame, Model DL; as manufactured by Chicago Bullet Proof Systems.
			1. Performance and Design Requirements:

\*\* NOTE TO SPECIFIER \*\* Delete bullet resistance options not required.

* + - * 1. Bullet Resistance: UL 752, Level 4.
				2. Bullet Resistance: UL 752, Level 5.
				3. Bullet Resistance: UL 752, Level 8.
				4. Fire Resistance: 3 hours when tested in accordance with UL 10B.

\*\* NOTE TO SPECIFIER \*\* Delete configuration option not required.

* + - 1. Configuration: Single swing door.
			2. Configuration: Pair swing doors.
		1. Basis of Design: Detention Door and Frame, Model DT; as manufactured by Chicago Bullet Proof Systems.
			1. Performance and Design Requirements:

\*\* NOTE TO SPECIFIER \*\* Delete bullet resistance options not required.

* + - * 1. Bullet Resistance: UL 752, Level 1.
				2. Bullet Resistance: UL 752, Level 2.
				3. Bullet Resistance: UL 752, Level 3.
				4. Bullet Resistance: UL 752, Level 4.
				5. Bullet Resistance: UL 752, Level 6.
				6. Bullet Resistance: UL 752, Level 8.

\*\* NOTE TO SPECIFIER \*\* Delete configuration options not required.

* + - 1. Configuration: Single swing door.
			2. Configuration: Pair swing doors.
			3. Configuration: Vision panel.
			4. Configuration: Single sliding door.
			5. Configuration: Pair sliding doors.

\*\* NOTE TO SPECIFIER \*\* Delete food pass option if not required.

* + - 1. Food Pass: Southern Folger No. 262 Food Pass Assembly.
		1. Basis of Design: Bullet Resistant Door with Pass Thru and Transaction Capabilities, Model CDR; as manufactured by Chicago Bullet Proof Systems.
			1. Performance and Design Requirements:

\*\* NOTE TO SPECIFIER \*\* Delete bullet resistance options not required.

* + - * 1. Bullet Resistance: UL 752, Level 1.
				2. Bullet Resistance: UL 752, Level 2.
				3. Bullet Resistance: UL 752, Level 3.
				4. Bullet Resistance: UL 752, Level 4.
				5. Bullet Resistance: UL 752, Level 6.
			1. Transaction Window with vision opening of 15 x 29-9/16 inches (381 x 751 mm).
			2. Deal Tray and Sill for transacting items not to exceed 12-3/4 x 1-5/8 inches (324 x 41 mm).
				1. Material: Stainless steel with satin finish.

\*\* NOTE TO SPECIFIER \*\* Delete ledge option if not required.

* + - * 1. Provide with ledge.

\*\* NOTE TO SPECIFIER \*\* Delete package passer option if not required.

* + - 1. Provide with Package Passer, Model PP.

\*\* NOTE TO SPECIFIER \*\* Delete article if not required.

* 1. BULLET RESISTANT VISION WINDOWS

\*\* NOTE TO SPECIFIER \*\* Delete basis of design options not required.

* + 1. Basis of Design: Standard Vision Window, Model SVL; as manufactured by Chicago Bullet Proof Systems.
			1. Performance and Design Requirements:

\*\* NOTE TO SPECIFIER \*\* Delete bullet resistance options not required.

* + - * 1. Bullet Resistance: UL 752, Level 1.
				2. Bullet Resistance: UL 752, Level 2.
				3. Bullet Resistance: UL 752, Level 3.
				4. Bullet Resistance: UL 752, Level 4.
				5. Bullet Resistance: UL 752, Level 5.
				6. Bullet Resistance: UL 752, Level 6.
				7. Bullet Resistance: UL 752, Level 8.

\*\* NOTE TO SPECIFIER \*\* Delete finish option not required.

* + - 1. Finish: Factory applied rust-inhibiting primer.
			2. Finish: Stainless steel.
			3. Frame:

\*\* NOTE TO SPECIFIER \*\* Delete opening size not required.

* + - * 1. Opening Size: As indicated on Drawings.
				2. Opening Size (WxH, in/mm): \_\_\_\_\_\_ .
				3. Profile: Single rabbeted.

\*\* NOTE TO SPECIFIER \*\* Delete profile dimension option not required.

Profile Dimensions: As indicated on the Drawings.

Profile Dimensions: W x D (in/mm): \_\_\_\_\_\_.

* + - * 1. Corners mitered, welded, and ground smooth.
			1. Glass Armor: UL 752 listed bullet resistant transparent armor.
		1. Basis of Design: Standard Vision Window, Model SAVL; as manufactured by Chicago Bullet Proof Systems.
			1. Performance and Design Requirements:

\*\* NOTE TO SPECIFIER \*\* Delete bullet resistance options not required. Higher levels are achievable. Contact manufacturer for more information.

* + - * 1. Bullet Resistance: UL 752, Level 1.
				2. Bullet Resistance: UL 752, Level 2.
				3. Bullet Resistance: UL 752, Level 3.
				4. Bullet Resistance: UL 752, Level 4.

\*\* NOTE TO SPECIFIER \*\* Delete finish option not required.

* + - 1. Finish: Anodized. Satin.
			2. Finish: Anodized. Clear.
			3. Finish: Anodized. Dark bronze.
			4. Finish: Powder Coated. Color: Chosen from manufacturer's standard offering.
			5. Frame: Aluminum.

\*\* NOTE TO SPECIFIER \*\* Delete opening size not required.

* + - * 1. Opening Size: As indicated on Drawings.
				2. Opening Size (WxH, in/mm): \_\_\_\_\_\_ .
				3. Profile: 1-7/16 x 4-7/8 inch (37 x 124 mm).
				4. Corners mitered, welded, and ground smooth.
			1. Glass Armor: UL 752 listed bullet resistant transparent armor.
		1. Basis of Design: Narrow Profile Vision Window, Model NVL; as manufactured by Chicago Bullet Proof Systems.
			1. Performance and Design Requirements:

\*\* NOTE TO SPECIFIER \*\* Delete bullet resistance options not required.

* + - * 1. Bullet Resistance: UL 752, Level 1.
				2. Bullet Resistance: UL 752, Level 2.
				3. Bullet Resistance: UL 752, Level 3.
				4. Bullet Resistance: UL 752, Level 4.
				5. Bullet Resistance: UL 752, Level 6.

\*\* NOTE TO SPECIFIER \*\* Delete finish option not required.

* + - 1. Finish: Factory applied rust-inhibiting primer.
			2. Finish: Stainless steel.
			3. Frame:

\*\* NOTE TO SPECIFIER \*\* Delete opening size option not required.

* + - * 1. Opening Size: As indicated on Drawings.
				2. Opening Size (WxH, in/mm): \_\_\_\_\_\_ .

\*\* NOTE TO SPECIFIER \*\* Delete profile option not required. 3-3/4 inch depth is required for level 4 or higher.

* + - * 1. Profile: Single rabbeted with 1-1/4 inch (32 mm) face dimension and 3-1/4 inch (83 mm) depth.
				2. Profile: Single rabbeted with 1-1/4 inch (32 mm) face dimension and 3-3/4 inch (95 mm) depth.
				3. Corners mitered, welded, and ground smooth.
			1. Glass Armor: UL 752 listed bullet resistant transparent armor.
		1. Basis of Design: Clamp-On Vision Window, Model CVL; as manufactured by Chicago Bullet Proof Systems.
			1. Performance and Design Requirements:

\*\* NOTE TO SPECIFIER \*\* Delete bullet resistance options not required.

* + - * 1. Bullet Resistance: UL 752, Level 1.
				2. Bullet Resistance: UL 752, Level 2.
				3. Bullet Resistance: UL 752, Level 3.
				4. Bullet Resistance: UL 752, Level 4.
				5. Bullet Resistance: UL 752, Level 6.

\*\* NOTE TO SPECIFIER \*\* Delete finish option not required.

* + - 1. Finish: Factory applied rust-inhibiting primer.
			2. Finish: Stainless steel.
			3. Frame:

\*\* NOTE TO SPECIFIER \*\* Delete opening size not required.

* + - * 1. Opening Size: As indicated on Drawings.
				2. Opening Size (WxH in/mm): \_\_\_\_\_\_.

\*\* NOTE TO SPECIFIER \*\* Delete profile type and options not required.

* + - * 1. Profile: Adjustable frame.

Adjustable Frame Face Dimensions: As indicated on the Drawings.

Adjustable Frame Face Dimensions: W x D (in/mm): \_\_\_\_\_\_.

Adjustable Depth: Adjustable for wall thickness as indicated on the Drawings.

Adjustable Depth: W x D (in/mm): \_\_\_\_\_\_.

* + - * 1. Profile: Clamp-on frame.
			1. Glass Armor: UL 752 listed bullet resistant transparent armor.
		1. Basis of Design: Clamp-On Drive-Up Vision Window, Model CVL; as manufactured by Chicago Bullet Proof Systems.
			1. Performance and Design Requirements:

\*\* NOTE TO SPECIFIER \*\* Delete bullet resistance options not required.

* + - * 1. Bullet Resistance: UL 752, Level 1.
				2. Bullet Resistance: UL 752, Level 2.
				3. Bullet Resistance: UL 752, Level 3.
				4. Bullet Resistance: UL 752, Level 4.
				5. Bullet Resistance: UL 752, Level 6.

\*\* NOTE TO SPECIFIER \*\* Delete finish option not required.

* + - 1. Finish: Factory applied rust-inhibiting primer.
			2. Finish: Stainless steel.
			3. Frame:

\*\* NOTE TO SPECIFIER \*\* Delete opening size option not required.

* + - * 1. Opening Size: As indicated on Drawings.
				2. Opening Size (WxH, in/mm): \_\_\_\_\_\_ .
				3. Profile: Adjustable frame with 2 inch (51 mm) face dimension and depth adjustable from 8 to 11 inches (203 to 279 mm).
			1. Glass Armor:
				1. UL 752 listed bullet resistant transparent armor.
				2. Retained within subframe inclined 5 degrees to vertical, slanting away from protected side of the window.
		1. Basis of Design: Sliding Vision Window, Model SLDVL; as manufactured by Chicago Bullet Proof Systems.
			1. Performance and Design Requirements:

\*\* NOTE TO SPECIFIER \*\* Delete bullet resistance options not required.

* + - * 1. Bullet Resistance: UL 752, Level 1.
				2. Bullet Resistance: UL 752, Level 2.
				3. Bullet Resistance: UL 752, Level 3.
				4. Bullet Resistance: UL 752, Level 4.
				5. Bullet Resistance: UL 752, Level 5.
				6. Bullet Resistance: UL 752, Level 6.
				7. Bullet Resistance: UL 752, Level 8.

\*\* NOTE TO SPECIFIER \*\* Select finish option not required.

* + - 1. Finish: Factory applied rust-inhibiting primer.
			2. Finish: Stainless steel.

\*\* NOTE TO SPECIFIER \*\* Delete configuration options not required.

* + - 1. Configuration: Single sliding panel, left to right.
			2. Configuration: Single sliding panel, right to left.
			3. Configuration: Double sliding panel, primary sliding panel left to right.
			4. Configuration: Double sliding panel, primary sliding panel right to left.

\*\* NOTE TO SPECIFIER \*\* Delete profile dimension option not required.

* + - 1. Profile Dimensions: As indicated on the Drawings.
			2. Profile Dimensions: W x D (in/mm): \_\_\_\_\_\_.
			3. Frame:

\*\* NOTE TO SPECIFIER \*\* Delete opening size option not required.

* + - * 1. Opening Size: As indicated on Drawings.
				2. Opening Size (WxH, in/mm): \_\_\_\_\_\_ .
				3. Corners mitered, welded, and ground smooth.
			1. Glass Armor: UL 752 listed bullet resistant transparent armor.

\*\* NOTE TO SPECIFIER \*\* Delete article if not required.

* 1. BULLET RESISTANT TRANSACTION WINDOWS

\*\* NOTE TO SPECIFIER \*\* Delete basis of design paragraphs if not required.

* + 1. Basis of Design: Standard Transaction Window, Model STW; as manufactured by Chicago Bullet Proof Systems.
			1. Performance and Design Requirements:

\*\* NOTE TO SPECIFIER \*\* Delete bullet resistance options not required.

* + - * 1. Bullet Resistance: UL 752, Level 1.
				2. Bullet Resistance: UL 752, Level 2.
				3. Bullet Resistance: UL 752, Level 3.
				4. Bullet Resistance: UL 752, Level 4.
				5. Bullet Resistance: UL 752, Level 5.
				6. Bullet Resistance: UL 752, Level 6.
				7. Bullet Resistance: UL 752, Level 8.

\*\* NOTE TO SPECIFIER \*\* Delete finish option not required.

* + - 1. Finish: Factory applied rust-inhibiting primer.
			2. Finish: Stainless steel.
			3. Frame:

\*\* NOTE TO SPECIFIER \*\* Delete opening size option size not required.

* + - * 1. Opening Size: As indicated on Drawings.
				2. Opening Size (WxH, in/mm): \_\_\_\_\_\_ .
				3. Profile: Single rabbeted..

\*\* NOTE TO SPECIFIER \*\* Delete profile dimension option not required.

* + - * 1. Profile Dimensions: As indicated on the Drawings.
				2. Profile Dimensions (WxH, in/mm): \_\_\_\_\_\_ .
				3. Three sided frame bolted to deal tray and voice panel sill.
				4. Corners mitered, welded, and ground smooth.

\*\* NOTE TO SPECIFIER \*\* Delete sill option not required.

* + - 1. Sill: Standard sill:
				1. Material: Stainless steel.
				2. Integral deal tray and voice panel.
				3. Profile: 3 x 11 inches (76 x 279 mm) deep by width of window.
				4. Bolted to window frame.
			2. Sill: Mortise sill:
				1. Material: Stainless steel.
				2. Integral deal tray and natural voice transmission.
				3. Profile: 3 x 9 inches (76 x 229 mm) deep by width of window.
				4. Recessed into countertop.

\*\* NOTE TO SPECIFIER \*\* Delete tray option not required.

* + - 1. Deal Tray and Voice Panel Sill:
				1. Single deal tray with voice panels adjacent to deal tray in sill.
				2. Deal tray sized to pass items not exceeding 12-3/4 x 1-5/8 inches (324 x 41 mm).
				3. Voice panel shall include an acoustically balanced natural voice transmission system.
				4. Material: Stainless steel.
			2. Drop-in Tray: Modified non-labeled assembly with 3-sided frame:
				1. Natural voice transmission spacers.
				2. Stainless steel glass channel.
				3. Deal Tray: Model NDT, bullet resistant non-ricochet drop-in deal tray, 16-3/8 x 11 x 1-5/8 inches (416 x 279 x 41 mm).
			3. Writing Ledge: Stainless steel writing ledge:
				1. Integral to sill.
				2. Size: 6-1/2 inches (165 mm) by width of window.

\*\* NOTE TO SPECIFIER \*\* Delete ledge installation location options not required.

* + - * 1. Ledge Installation Location: Threat side.
				2. Ledge Installation Location: Non-threat side.
				3. Ledge Installation Location: Threat side and non-threat side.
			1. Glass Armor: UL 752 listed bullet resistant transparent armor.
		1. Basis of Design: Standard Aluminum Transaction Window, Model SATW; as manufactured by Chicago Bullet Proof Systems.
			1. Performance and Design Requirements:

\*\* NOTE TO SPECIFIER \*\* Delete bullet resistance options not required. Higher levels are achievable. Contact manufacturer for more information.

* + - * 1. Bullet Resistance: UL 752, Level 1.
				2. Bullet Resistance: UL 752, Level 2.
				3. Bullet Resistance: UL 752, Level 3.
				4. Bullet Resistance: UL 752, Level 4.

\*\* NOTE TO SPECIFIER \*\* Delete finish option not required.

* + - 1. Finish: Anodized. Satin.
			2. Finish: Anodized. Clear.
			3. Finish: Anodized. Dark bronze.
			4. Finish: Powder Coated.
			5. Frame: Aluminum.

\*\* NOTE TO SPECIFIER \*\* Delete opening size option size not required.

* + - * 1. Opening Size: As indicated on Drawings.
				2. Opening Size (WxH, in/mm): \_\_\_\_\_\_ .
				3. Profile: 1-7/16 x 4-7/8 inch (37 x 124 mm).
				4. Three sided frame bolted to deal tray and voice panel sill.
				5. Corners mitered, welded, and ground smooth.

\*\* NOTE TO SPECIFIER \*\* Delete sill option not required.

* + - 1. Sill: Standard sill:
				1. Material: Stainless steel.
				2. Integral deal tray and voice panel.
				3. Profile: 3 x 11 inches (76 x 279 mm) deep by width of window.
				4. Bolted to window frame.
			2. Sill: Mortise sill:
				1. Material: Stainless steel.
				2. Integral deal tray and natural voice transmission.
				3. Profile: 3 x 9 inches (76 x 229 mm) deep by width of window.
				4. Recessed into countertop.

\*\* NOTE TO SPECIFIER \*\* Delete tray option not required.

* + - 1. Deal Tray and Voice Panel Sill:
				1. Single deal tray with voice panels adjacent to deal tray in sill.
				2. Deal tray sized to pass items not exceeding 12-3/4 x 1-5/8 inches (324 x 41 mm).
				3. Voice panel shall include an acoustically balanced natural voice transmission system.
				4. Material: Stainless steel.
			2. Drop-in Tray: Modified non-labeled assembly with 3-sided frame:
				1. Natural voice transmission spacers.
				2. Stainless steel glass channel.
				3. Deal Tray: Model NDT, bullet resistant non-ricochet drop-in deal tray, 16-3/8 x 11 x 1-5/8 inches (416 x 279 x 41 mm).
			3. Writing Ledge: Stainless steel writing ledge:
				1. Integral to sill.
				2. Size: 6-1/2 inches (165 mm) by width of window.

\*\* NOTE TO SPECIFIER \*\* Delete ledge installation location options not required.

* + - * 1. Ledge Installation Location: Threat side.
				2. Ledge Installation Location: Non-threat side.
				3. Ledge Installation Location: Threat side and non-threat side.
			1. Glass Armor: UL 752 listed bullet resistant transparent armor.

\*\* NOTE TO SPECIFIER \*\* Composed of bullet resistant glazing materials and framing but do not meet all aspects of UL 752 standards and will not bear a UL label. Glazing materials are tested in 12 inch square samples and three test rounds are fired into a four inch triangle for each respective ballistic level; Level : 9 mm 124 gr. FMJ lead core. Level 2: .357 mag. 240 gr. JSP. Level 3: .44 mag. 240 gr. Gas Checked SWC.

* + 1. Basis of Design: Bullet Resistant Baffle Transaction Window, Model BFLTW; as manufactured by Chicago Bullet Proof Systems. Transparent armor panels arranged in baffle configuration.
			1. Performance and Design Requirements:

\*\* NOTE TO SPECIFIER \*\* Delete bullet resistance options not required.

* + - * 1. Bullet Resistance: Level 1.
				2. Bullet Resistance: Level 2.
				3. Bullet Resistance: Level 3.

\*\* NOTE TO SPECIFIER \*\* Delete finish option not required.

* + - 1. Finish: Factory applied rust-inhibiting primer.
			2. Finish: Stainless steel.
			3. Frame:

\*\* NOTE TO SPECIFIER \*\* Delete opening size option size not required.

* + - * 1. Opening Size: As indicated on Drawings.
				2. Opening Size (WxH, in/mm): \_\_\_\_\_\_ .
				3. Profile: Single rabbeted..

\*\* NOTE TO SPECIFIER \*\* Delete profile dimension option not required.

* + - * 1. Profile Dimensions: As indicated on the Drawings.
				2. Profile Dimensions (WxH, in/mm): \_\_\_\_\_\_ .
				3. Three sided frame bolted to deal tray and voice panel sill.
				4. Corners mitered, welded, and ground smooth.

\*\* NOTE TO SPECIFIER \*\* Delete sill option not required.

* + - 1. Sill: Standard sill:
				1. Material: Stainless steel.
				2. Integral deal tray and voice panel.
				3. Profile: 3 x 11 inches (76 x 279 mm) deep by width of window.
				4. Bolted to window frame.
			2. Sill: Mortise sill:
				1. Material: Stainless steel.
				2. Integral deal tray and natural voice transmission.
				3. Profile: 3 x 9 inches (76 x 229 mm) deep by width of window.
				4. Recessed into countertop.

\*\* NOTE TO SPECIFIER \*\* Delete tray option not required.

* + - 1. Deal Tray and Voice Panel Sill:
				1. Single deal tray with voice panels adjacent to deal tray in sill.
				2. Deal tray sized to pass items not exceeding 12-3/4 x 1-5/8 inches (324 x 41 mm).
				3. Voice panel shall include an acoustically balanced natural voice transmission system.
				4. Material: Stainless steel.
			2. Drop-in Tray: Modified non-labeled assembly with 3-sided frame:
				1. Natural voice transmission spacers.
				2. Stainless steel glass channel.
				3. Deal Tray: Model NDT, bullet resistant non-ricochet drop-in deal tray, 16-3/8 x 11 x 1-5/8 inches (416 x 279 x 41 mm).
			3. Writing Ledge: Stainless steel writing ledge:
				1. Integral to sill.
				2. Size: 6-1/2 inches (165 mm) by width of window.

\*\* NOTE TO SPECIFIER \*\* Delete ledge installation location options not required.

* + - * 1. Ledge Installation Location: Threat side.
				2. Ledge Installation Location: Non-threat side.
				3. Ledge Installation Location: Threat side and non-threat side.
			1. Glass Armor: UL 752 listed bullet resistant transparent armor.
		1. Basis of Design: Narrow Profile Transaction Window, Model NTW; as manufactured by Chicago Bullet Proof Systems.
			1. Performance and Design Requirements:

\*\* NOTE TO SPECIFIER \*\* Delete bullet resistance options not required.

* + - * 1. Bullet Resistance: UL 752, Level 1.
				2. Bullet Resistance: UL 752, Level 2.
				3. Bullet Resistance: UL 752, Level 3.
				4. Bullet Resistance: UL 752, Level 4.
				5. Bullet Resistance: UL 752, Level 6.

\*\* NOTE TO SPECIFIER \*\* Delete finish option not required.

* + - 1. Finish: Factory applied rust-inhibiting primer.
			2. Finish: Stainless steel.
			3. Frame:

\*\* NOTE TO SPECIFIER \*\* Delete opening size option not required.

* + - * 1. Opening Size: As indicated on Drawings.
				2. Opening Size (WxH, in/mm): \_\_\_\_\_\_ .

\*\* NOTE TO SPECIFIER \*\* Delete profile option not required. 3-3/4 inch (95 mm) depth is required for level 4 or higher.

* + - * 1. Profile: Single rabbeted with 1-1/4 inch (32 mm) face dimension and 3-1/4 inch (83 mm) depth.
				2. Profile: Single rabbeted with 1-1/4 inch (32 mm) face dimension and 3-3/4 inch (95 mm) depth.
				3. Three-sided frame bolted to deal tray and voice panel sill.
				4. Corners mitered, welded, and ground smooth.

\*\* NOTE TO SPECIFIER \*\* Delete sill option not required.

* + - 1. Sill: Standard sill:
				1. Material: Stainless steel.
				2. Integral deal tray and voice panel.
				3. Profile: 3 x 11 inches (76 x 279 mm) deep by width of window.
				4. Bolted to window frame.
			2. Sill: Mortise sill:
				1. Material: Stainless steel.
				2. Integral deal tray and natural voice transmission.
				3. Profile: 3 x 9 inches (76 x 229 mm) deep by width of window.
				4. Recessed into countertop.

\*\* NOTE TO SPECIFIER \*\* Delete tray option not required.

* + - 1. Deal Tray and Voice Panel Sill:
				1. Single deal tray with voice panels adjacent to deal tray in sill.
				2. Deal tray sized to pass items not exceeding 12-3/4 x 1-5/8 inches (324 x 41 mm).
				3. Voice panel shall include an acoustically balanced natural voice transmission system.
				4. Material: Stainless steel.
			2. Drop-in Tray: Modified non-labeled assembly with 3-sided frame:
				1. Natural voice transmission spacers.
				2. Stainless steel glass channel.
				3. Deal Tray: Model NDT, bullet resistant non-ricochet drop-in deal tray, 16-3/8 x 11 x 1-5/8 inches (416 x 279 x 41 mm).
			3. Writing Ledge: Stainless steel writing ledge:
				1. Integral to sill.
				2. Size: 6-1/2 inches (165 mm) by width of window.

\*\* NOTE TO SPECIFIER \*\* Delete ledge installation location options not required.

* + - * 1. Ledge Installation Location: Threat side.
				2. Ledge Installation Location: Non-threat side.
				3. Ledge Installation Location: Threat side and non-threat side.
			1. Glass Armor: UL 752 listed bullet resistant transparent armor.
		1. Basis of Design: Clamp-On Transaction Window, Model CTW; as manufactured by Chicago Bullet Proof Systems.
			1. Performance and Design Requirements:

\*\* NOTE TO SPECIFIER \*\* Delete bullet resistance options not required.

* + - * 1. Bullet Resistance: UL 752, Level 1.
				2. Bullet Resistance: UL 752, Level 2.
				3. Bullet Resistance: UL 752, Level 3.
				4. Bullet Resistance: UL 752, Level 4.

\*\* NOTE TO SPECIFIER \*\* Delete finish option not required.

* + - 1. Finish: Factory applied rust-inhibiting primer.
			2. Finish: Stainless steel.
			3. Frame:

\*\* NOTE TO SPECIFIER \*\* Delete opening size not required.

* + - * 1. Opening Size: As indicated on Drawings.
				2. Opening Size (WxH, in/mm): \_\_\_\_\_\_ .
				3. Profile: Adjustable frame with 2 inch (51 mm) face dimension and depth adjustable from 4-1/2 to 8-1/2 inches (114 to 216 mm).
				4. Three sided frame bolted to deal tray and voice panel sill.
				5. Corners mitered, welded, and ground smooth.

\*\* NOTE TO SPECIFIER \*\* Delete sill option not required.

* + - 1. Sill: Standard sill:
				1. Material: Stainless steel.
				2. Integral deal tray and voice panel.
				3. Profile: 3 x 11 inches (76 x 279 mm) deep by width of window.
				4. Bolted to window frame.
			2. Sill: Mortise sill:
				1. Material: Stainless steel.
				2. Integral deal tray and natural voice transmission.
				3. Profile: 3 x 9 inches (76 x 229 mm) deep by width of window.
				4. Recessed into countertop.

\*\* NOTE TO SPECIFIER \*\* Delete tray option not required.

* + - 1. Deal Tray and Voice Panel Sill:
				1. Single deal tray with voice panels adjacent to deal tray in sill.
				2. Deal tray sized to pass items not exceeding 12-3/4 x 1-5/8 inches (324 x 41 mm).
				3. Voice panel shall include an acoustically balanced natural voice transmission system.
				4. Material: Stainless steel.
			2. Drop-in Tray: Modified non-labled assembly with 3-sided frame:
				1. Natural voice transmission spacers.
				2. Stainless steel glass channel.
				3. Deal Tray: Model NDT, bullet resistant non-ricochet drop-in deal tray, 16-3/8 x 11 x 1-5/8 inches (416 x 279 x 41 mm).
			3. Writing Ledge: Stainless steel writing ledge:
				1. Integral to sill.
				2. Size: 6-1/2 inches (165 mm) by width of window.

\*\* NOTE TO SPECIFIER \*\* Delete ledge installation location options not required.

* + - * 1. Ledge Installation Location: Threat side.
				2. Ledge Installation Location: Non-threat side.
				3. Ledge Installation Location: Threat side and non-threat side.
			1. Glass Armor: UL 752 listed bullet resistant transparent armor.
		1. Basis of Design: Sliding Transaction Window, Model SLDTW; as manufactured by Chicago Bullet Proof Systems.
			1. Performance and Design Requirements:

\*\* NOTE TO SPECIFIER \*\* Delete bullet resistance options not required.

* + - * 1. Bullet Resistance: UL 752, Level 1.
				2. Bullet Resistance: UL 752, Level 2.
				3. Bullet Resistance: UL 752, Level 3.
				4. Bullet Resistance: UL 752, Level 4.
				5. Bullet Resistance: UL 752, Level 5.
				6. Bullet Resistance: UL 752, Level 6.
				7. Bullet Resistance: UL 752, Level 8.

\*\* NOTE TO SPECIFIER \*\* Delete finish option not required.

* + - 1. Finish: Factory applied rust-inhibiting primer.
			2. Finish: Stainless steel.

\*\* NOTE TO SPECIFIER \*\* Delete configuration options not required.

* + - 1. Configuration: Single sliding panel, left to right.
			2. Configuration: Single sliding panel, right to left.
			3. Configuration: Double sliding panel, primary sliding panel left to right.
			4. Configuration: Double sliding panel, primary sliding panel right to left.

\*\* NOTE TO SPECIFIER \*\* Delete profile dimension option not required.

* + - 1. Profile Dimensions: As indicated on the Drawings.
			2. Profile Dimensions: W x D (in/mm): \_\_\_\_\_\_.
			3. Frame:

\*\* NOTE TO SPECIFIER \*\* Delete opening size option not required.

* + - * 1. Opening Size: As indicated on Drawings.
				2. Opening Size (WxH, in/mm): \_\_\_\_\_\_ .
				3. Corners mitered, welded, and ground smooth.

\*\* NOTE TO SPECIFIER \*\* Delete sill option not required.

* + - 1. Sill: Standard sill:
				1. Material: Stainless steel.
				2. Integral deal tray and voice panel.
				3. Profile: 3 x 11 inches (76 x 279 mm) deep by width of window.
				4. Bolted to window frame.
			2. Sill: Mortise sill:
				1. Material: Stainless steel.
				2. Integral deal tray and natural voice transmission.
				3. Profile: 3 x 9 inches (76 x 229 mm) deep by width of window.
				4. Recessed into countertop.

\*\* NOTE TO SPECIFIER \*\* Delete tray option not required.

* + - 1. Deal Tray and Voice Panel Sill:
				1. Single deal tray with voice panels adjacent to deal tray in sill.
				2. Deal tray sized to pass items not exceeding 12-3/4 x 1-5/8 inches (324 x 41 mm).
				3. Voice panel shall include an acoustically balanced natural voice transmission system.
				4. Material: Stainless steel.
			2. Drop-in Tray: Modified non-labeled assembly with 3-sided frame:
				1. Natural voice transmission spacers.
				2. Stainless steel glass channel.
				3. Deal Tray: Model NDT, bullet resistant non-ricochet drop-in deal tray, 16-3/8 x 11 x 1-5/8 inches (416 x 279 x 41 mm).
			3. Writing Ledge: Stainless steel writing ledge:
				1. Integral to sill.
				2. Size: 6-1/2 inches (165 mm) by width of window.

\*\* NOTE TO SPECIFIER \*\* Delete ledge installation location options not required.

* + - * 1. Ledge Installation Location: Threat side.
				2. Ledge Installation Location: Non-threat side.
				3. Ledge Installation Location: Threat side and non-threat side.
			1. Glass Armor: UL 752 listed bullet resistant transparent armor.

\*\* NOTE TO SPECIFIER \*\* Delete article if not required.

* 1. BULLET RESISTANT DEVICES

\*\* NOTE TO SPECIFIER \*\* Delete paragraphs not required.

* + 1. Package Passer:
			1. Basis of Design: Bullet Resistant Package Passer, Model PP; as manufactured by Chicago Bullet Proof Systems.
			2. Performance and Design Requirements:

\*\* NOTE TO SPECIFIER \*\* Delete bullet resistance options not required.

* + - * 1. Bullet Resistance: UL 752, Level 1.
				2. Bullet Resistance: UL 752, Level 2.
				3. Bullet Resistance: UL 752, Level 3.
				4. Bullet Resistance: UL 752, Level 4.
				5. Bullet Resistance: UL 752, Level 8.

\*\* NOTE TO SPECIFIER \*\* Delete finish options not required.

* + - 1. Finish: Factory applied rust-inhibiting primer, all surfaces.
			2. Finish: Exterior door and mounting frame to be brushed stainless steel, balance of unit prime painted.
			3. Finish: Exposed surfaces to be brushed stainless steel, balance of unit prime painted.

\*\* NOTE TO SPECIFIER \*\* Delete unit size option not required.

* + - 1. Unit Size, Standard:
				1. Interior Clear Dimensions (WxHxD): 14-3/16 x 11-5/8 x 12-5/8 inches (356 x 295 x 321 mm) deep.
				2. Wall Opening (WxH): 16-1/2 x 16 inches (419 x 406 mm).
				3. Maximum Wall Thickness: 9-1/4 inches (235 mm).
			2. Unit Size, Custom (in/mm): \_\_\_\_\_\_.
			3. Doors: Interlocking doors permitting only one door to be opened at a time.
		1. Gun-Port, Round:
			1. Basis of Design: Bullet Resistant Gunport, Model GP3; as manufactured by Chicago Bullet Proof Systems.
			2. Performance and Design Requirements:

\*\* NOTE TO SPECIFIER \*\* Delete bullet resistance options not required.

* + - * 1. Bullet Resistance: UL 752, Level 3.
				2. Bullet Resistance: UL 752, Level 4.
				3. Bullet Resistance: UL 752, Level 5.
				4. Bullet Resistance: UL 752, Level 8.

\*\* NOTE TO SPECIFIER \*\* Delete mounting option not required.

* + - 1. Mounting: Wall mounted.
			2. Mounting: Glass mounted.

\*\* NOTE TO SPECIFIER \*\* Delete finish options not required.

* + - 1. Finish: Factory applied rust-inhibiting primer.
			2. Finish: Stainless steel cover plate.
			3. Finish: Brushed chrome cover plate.

\*\* NOTE TO SPECIFIER \*\* Delete weapon opening option not required.

* + - 1. Weapon Opening: 3 inch (76 mm) diameter.
			2. Weapon Opening, Custom (in/mm): \_\_\_\_\_\_.
			3. Trigger Plate:
				1. Vertically acting and spring-loaded.
				2. Automatically covers the firing port when not in use.
				3. Tamper-resistant from threat side.
		1. Gun-Port, Rectangular:
			1. Basis of Design: Bullet Resistant Gun-Port, Model GP4; as manufactured by Chicago Bullet Proof Systems.
			2. Performance and Design Requirements:

\*\* NOTE TO SPECIFIER \*\* Delete bullet resistance not required.

* + - * 1. Bullet Resistance: UL 752, Level 4.
				2. Bullet Resistance: UL 752, Level 8.

\*\* NOTE TO SPECIFIER \*\* Delete weapon opening options not required.

* + - 1. Weapon Opening: 3-3/8 inch (86 mm) wide by 4 inch (102 mm) high with 8 inches (203 mm) of horizontal travel.
			2. Weapon Opening: 3-3/8 inch (86 mm) wide by 4 inch (102 mm) high with 12 inches (305 mm) of horizontal travel.
			3. Weapon Opening, Custom (in/mm): \_\_\_\_\_.
			4. Provides panning action for automatic weapons, shotguns, tear gas launchers, and other weapons for a greater field of fire.
			5. Trigger Plate:
				1. Horizontally acting and spring-loaded.
				2. Automatically covers the firing port when not in use.
				3. Tamper-resistant from threat side.
			6. Finishes:
				1. Gunport Cover: Satin stainless steel.
				2. Slide and Mounting Plate: Prime painted steel.
		1. Money Cart Pass Thru:
			1. Basis of Design: Bullet Resistant Money Cart Pass Thru, Model MCPT; as manufactured by Chicago Bullet Proof Systems.
			2. Performance and Design Requirements:

\*\* NOTE TO SPECIFIER \*\* Delete bullet resistance options not required.

* + - * 1. Bullet Resistance: UL 752, Level 1.
				2. Bullet Resistance: UL 752, Level 2.
				3. Bullet Resistance: UL 752, Level 3.
				4. Bullet Resistance: UL 752, Level 4.
			1. Clear Dimensions (WxH): 34-1/2 x 39 inches (876 x 991 mm) high.
			2. Thickness: 1-3/4 inches (44 mm).
			3. Unit Size, Custom (in/mm): \_\_\_\_\_\_.
			4. Doors: Interlocking doors permitting only one door to be opened at a time.
		1. Louver, Peaked Blades:
			1. Basis of Design: Louver Panel, Model LVD; as manufactured by Chicago Bullet Proof Systems.
			2. Performance and Design Requirements:

\*\* NOTE TO SPECIFIER \*\* Delete bullet resistance not required.

* + - * 1. Bullet Resistance: UL 752, Level 1.
				2. Bullet Resistance: UL 752, Level 2.
				3. Bullet Resistance: UL 752, Level 3.
			1. Blades:
				1. Double sided peaked design.
				2. Height: 1-1/2 inches (38 mm).
		1. Louver, U Blades:
			1. Basis of Design: Louver Panel, Model LVU; as manufactured by Chicago Bullet Proof Systems.
			2. Performance and Design Requirements:

\*\* NOTE TO SPECIFIER \*\* Delete bullet resistance options not required.

* + - * 1. Bullet Resistance: UL 752, Level 1.
				2. Bullet Resistance: UL 752, Level 2.
				3. Bullet Resistance: UL 752, Level 3.
				4. Bullet Resistance: UL 752, Level 4.
			1. Blades:
				1. U shaped design, both sides of louver.
				2. Width: 2 inches (51 mm) with 1/2 inch (13 mm) spacing.
		1. Louver, Z Blades:
			1. Basis of Design: Louver Panel, Model LVZ; as manufactured by Chicago Bullet Proof Systems.
			2. Performance and Design Requirements:

\*\* NOTE TO SPECIFIER \*\* Delete bullet resistance options not required.

* + - * 1. Bullet Resistance: UL 752, Level 1.
				2. Bullet Resistance: UL 752, Level 2.
				3. Bullet Resistance: UL 752, Level 3.
			1. Blades:
				1. Z shaped design, overlapping.
				2. Height: 2-1/4 inches (57 mm) with 1-1/2 inch (38 mm) overlap.
		1. Chute:
			1. Basis of Design: Chute, Model CH; as manufactured by Chicago Bullet Proof Systems.
			2. Performance and Design Requirements:

\*\* NOTE TO SPECIFIER \*\* Delete bullet resistance options not required.

* + - * 1. Bullet Resistance: UL 752, Level 1.
				2. Bullet Resistance: UL 752, Level 2.
				3. Bullet Resistance: UL 752, Level 3.
				4. Bullet Resistance: UL 752, Level 4.
			1. Allows package or pill drop.
			2. Door:
				1. Opens 90 degrees on public side.
				2. Includes 135 degree arc for package drop.
				3. Handle: Pull handle welded on public side.
			3. Includes interior cover of armored material.
		1. Drawers:
			1. Basis of Design: Shuresafe Bullet Resistant Security Drawers; as supplied by Chicago Bullet Proof Systems.
			2. Performance and Design Requirements: Bullet Resistance:

\*\* NOTE TO SPECIFIER \*\* Models 672356, 672357, 372358, 672359, 672300, and 672301 are only available in Level 3. Delete options not required.

* + - * 1. Bullet Resistance: UL 752, Level 3.
				2. Bullet Resistance: UL 752, Level 4.
				3. Bullet Resistance: UL 752, Level 5.
				4. Bullet Resistance: UL 752, Level 8.

\*\* NOTE TO SPECIFIER \*\* Delete model options not required.

* + - 1. Model 670330:
				1. Overall Size: 24 x 10 x 18-1/16 inches (610 x 254 x 459 mm).
				2. Transfer Area: 13-3/4 x 6-1/8 x 10-3/8 inches (349 x 156 x 264 mm).
				3. Internal speaker.
			2. Model 670331:
				1. Overall Size: 24 x 10 x 18-1/16 inches (610 x 254 x 459 mm).
				2. Transfer Area: 13-3/4 x 6-1/8 x 10-3/8 inches (349 x 156 x 264 mm).
				3. Internal speaker with PTT intercom.
			3. Model 670333:
				1. Overall Size: 24 x 10 x 18-1/16 inches (610 x 254 x 459 mm).
				2. Transfer Area: 13-3/4 x 6-1/8 x 10-3/8 inches (349 x 156 x 264 mm).
				3. Internal speaker with HF intercom.
			4. Model 670150:
				1. Overall Size: 18 x 5 x 25 inches (457 x 127 x 635 mm).
				2. Transfer Area: 13-3/4 x 4-1/8 x 20 inches (349 x 105 x 508 mm).
				3. Removable deal tray revealing a 4 inch high (102 mm) transfer area for passing larger products up to 13 x 20 inches (330 x 508 mm).
			5. Model 670160:
				1. Overall Size: 18 x 5 x 25 inches (457 x 127 x 635 mm).
				2. Transfer Area: 13-3/4 x 4-1/8 x 20 inches (349 x 105 x 508 mm).
				3. Double hinged lid prevents simultaneous customer and operator access to transfer area.
			6. Model 672350:
				1. Overall Size: 12 x 3-3/4 x 16-3/4 inches (305 x 95 x 425 mm).
				2. Transfer Area: 9-5/8 x 1 x 5-1/2 inches (244 x 25 x 140 mm).
				3. Extension: 11 inch (279 mm) deal tray extension.
			7. Model 672353:
				1. Overall Size: 12 x 3-3/4 x 24 inches (305 x 95 x 610 mm).
				2. Transfer Area: 9-5/8 x 1 x 5-1/2 inches (244 x 25 x 140 mm).
				3. Extension: 14 inch (356 mm) deal tray extension.
			8. Model 672354:
				1. Overall Size: 12 x 3-3/4 x 24 inches(305 x 95 x 610 mm).
				2. Transfer Area: 9-5/8 x 1 x 5-1/2 inches (244 x 25 x 140 mm).
				3. Extension: 17 inch (432 mm) deal tray extension.
			9. Model 672319:
				1. Overall Size: 18 x 8-5/8 x 25 inches (457 x 219 x 635 mm).
				2. Transfer Area: 13-3/4 x 7-7/8 x 9-5/8 inches (349 x 200 x 244 mm).
				3. Removable deal tray.
			10. Model 670198:
				1. Overall Size: 18 x 9 x 25 inches (457 x 229 x 635 mm).
				2. Transfer Area: 13-5/8 x 8-5/8 x 17-3/4 inches (346 x 219 x 451 mm).
				3. Removable deal tray.
			11. Model 992217:
				1. Overall Size: 24 x 10 x 31 inches (610 x 254 x 787 mm).
				2. Transfer Area: 13-3/4 x 6-1/8 x 11-1/4 inches (349 x 156 x 286 mm).
				3. Internal speaker.
				4. Removable deal tray.
			12. Model 992218:
				1. Overall Size: 24 x 10 x 31 inches (610 x 254 x 787 mm).
				2. Transfer Area: 13-3/4 x 6-1/8 x 10-3/8 inches (349 x 156 x 264 mm).
				3. Internal speaker with PTT intercom.
				4. Removable deal tray.
			13. Model 992219:
				1. Overall Size: 24 x 10 x 31 inches (610 x 254 x 787 mm).
				2. Transfer Area: 13-3/4 x 6-1/8 x 10-3/8 inches (349 x 156 x 264 mm).
				3. Internal speaker with HF intercom.
				4. Removable deal tray.
			14. Model 672356:
				1. Overall Size: 36 x 12 x 16-3/4 inches (914 x 305 x 425 mm).
				2. Transfer Area: 32-5/8 x 9-9/16 x 13-1/4 inches (829 x 243 x 337 mm).
			15. Model 672357:
				1. Overall Size: 48 x 12 x 16-3/4 inches (1219 x 305 x 425 mm).
				2. Transfer Area: 44-5/8 x 9-9/16 x 13-1/4 inches (1133 x 243 x 337 mm).
			16. Model 672358:
				1. Overall Size: 60 x 12 x 16-3/4 inches (1524 x 305 x 425 mm).
				2. Transfer Area: 56-5/8 x 9-9/16 x 13-1/4 inches (1438 x 243 x 337 mm).
			17. Model 672359:
				1. Overall Size: 72 x 12 x 16-3/4 inches (1829 x 305 x 425 mm).
				2. Transfer Area: 68-5/8 x 9-9/16 x 13-1/4 inches (1743 x 243 x 337 mm).
			18. Model 672300:
				1. Overall Size: 21-3/4 x 14-15/16 x 16-3/4 inches (552 x 379 x 425 mm).
				2. Transfer Area: 18-15/64 x 9-1/2 x 14-9/32 inches (463 x 241 x 362 mm).
				3. Right hand operation.
			19. Model 672301:
				1. Overall Size: 21-3/4 x 14-15/16 x 16-3/4 inches (552 x 379 x 425 mm).
				2. Transfer Area: 18-15/64 x 9-1/2 x 14-9/32 inches (463 x 241 x 362 mm).
				3. Left hand operation.
		1. Speak-Thru:
			1. Basis of Design: Round Bullet Resistant Speak-Thru, Model N666; as supplied by Chicago Bullet Proof Systems.
			2. Performance and Design Requirements: Bullet Resistance: Tested according to UL 752, Level 3.
			3. Diameter: 6 inches (152 mm).
			4. Material: Heavy stainless steel.
			5. Glazing Thickness: 1-3/16 to 1-7/8 inches (33 to 48 mm).
			6. Gasket: Cork.
			7. Spacer Rings: For use with glazing less than 1-3/16 inches (33 mm) thick.

\*\* NOTE TO SPECIFIER \*\* Delete spacer options not required.

* + - * 1. Spacer: SR666212. Two 1/2 inch (13 mm) thick.
				2. Spacer: SR666238. Two 3/8 inch (10 mm) thick.
				3. Spacer: SR666214. Two 1/4 inch (6 mm) thick.
				4. Spacer: SR666114. One 1/4 inch (6 mm) thick.
		1. Speak-Thru:
			1. Basis of Design: Shot-Tex Bullet Resistant Steel Armored Speak-Thru, Model SPT1; as manufactured by Chicago Bullet Proof Systems.
			2. Performance and Design Requirements: Bullet Resistance:

\*\* NOTE TO SPECIFIER \*\* Delete bullet resistance options not required.

* + - * 1. Bullet Resistance: UL 752, Level 4.
				2. Bullet Resistance: UL 752, Level 8.
			1. Diameter: 6 inches (152 mm).
			2. Material: 1/2 inch (13 mm) thick Shot-Tex.
			3. Gasket: Cork.
		1. Speak-Thru:
			1. Basis of Design: Shot-Tex Bullet Resistant Steel Armored Speak Hole Cover, Model SSP5; as manufactured by Chicago Bullet Proof Systems.
			2. Performance and Design Requirements: Bullet Resistance:

\*\* NOTE TO SPECIFIER \*\* Delete bullet resistance options not required.

* + - * 1. Bullet Resistance: UL 752, Level 1.
				2. Bullet Resistance: UL 752, Level 2.
				3. Bullet Resistance: UL 752, Level 3.
			1. Diameter: 5 inches (127 mm).
			2. Material: Shot-Tex.
			3. Gasket: Cork.
		1. Speak-Thru:
			1. Basis of Design: Bullet Resistant Intercom, Model TTU-1; as supplied by Chicago Bullet Proof Systems.
			2. Performance and Design Requirements: Bullet Resistance: Tested according to UL 752, Level 3.
			3. Permits clear, 2-way, hands-free communication between the attendant and the customer.
			4. Automatically attenuates outside channel, reducing volume to approximately 70 percent when not used for 30 seconds.
			5. Microphone: Removable XLR.
			6. Rugged, tamper-resistant materials.
			7. Equipped with audio jack.
			8. Diameter: 5 inches (127 mm).
			9. Face Plate Material: Anodized aluminum.
		2. Deal Tray:
			1. Basis of Design: Bullet Resistant Non-Ricochet Deal Tray, Model NDT; as manufactured by Chicago Bullet Proof Systems.
			2. Performance and Design Requirements:

\*\* NOTE TO SPECIFIER \*\* Delete bullet resistance options not required.

* + - * 1. Bullet Resistance: UL 752, Level 1 Shot-Tex Steel.
				2. Bullet Resistance: UL 752, Level 2 Shot-Tex Steel.
				3. Bullet Resistance: UL 752, Level 3 Shot-Tex Steel.
			1. Finish: Brushed stainless steel.
			2. Overall Size: 16.37 x 11 x 1.62 inches (416 x 279 x 41 mm).
		1. Dip Tray Cover:
			1. Basis of Design: Hinged Locking Dip Tray Cover; as manufactured by Chicago Bullet Proof Systems.
			2. Material: Stainless steel.
			3. Size: 19 x 4-1/4 inches (483 x 108 mm).

\*\* NOTE TO SPECIFIER \*\* Composed of bullet resistant glazing materials but do not meet all aspects of UL 752 standards and will not bear a UL label. Glazing materials are tested in 12 inch square samples and three test rounds are fired into a four inch triangle for each respective ballistic level; Level : 9 mm 124 gr. FMJ lead core. Level 2: .357 mag. 240 gr. JSP. Level 3: .44 mag. 240 gr. Gas Checked SWC.

* + 1. Bullet Resistant Transparent Barrier Systems:
			1. Basis of Design: Model BRTBS as manufactured by Chicago Bullet Proof Systems.
			2. Performance and Design Requirements:

\*\* NOTE TO SPECIFIER \*\* Delete bullet resistance options not required.

* + - * 1. Bullet Resistance: Level 1 Acrylic 1-1/4 inch ( mm).
				2. Bullet Resistance: Level 2 Acrylic 1-3/8 inch ( mm).
				3. Bullet Resistance: Level 3 Acrylic 1-5/8 inch ( mm).
				4. Bullet Resistance: Level 1, Laminated Polycarbonate 1 Acrylic 3/4 inch ( mm).
				5. Bullet Resistance: Level 2, Laminated Polycarbonate 2 Acrylic 1 inch ( mm).
				6. Bullet Resistance: Level 3, Laminated Polycarbonate 3 Acrylic 1-3/4 inch ( mm).

\*\* NOTE TO SPECIFIER \*\* Delete configuration options not required.

* + - 1. Configuration: Baffled.
			2. Configuration: Hole and backer.
			3. Configuration: Arched hole and backer.

\*\* NOTE TO SPECIFIER \*\* Delete sheet sizes option not required. Contact manufacturer to assist in design to reduce material waste and cost.

* + - 1. Sheet Sizes (WxH in/mm): \_\_\_\_\_\_\_\_.
			2. Sheet Size: As detailed on the Drawings.

\*\* NOTE TO SPECIFIER \*\* The snapsash perimeter frame is optional. Delete if not required.

* + - 1. Snap Sash Perimeter Frame:

\*\* NOTE TO SPECIFIER \*\* Delete article if not required.

* 1. BULLET RESISTANT ARMORS

\*\* NOTE TO SPECIFIER \*\* Delete paragraphs not required.

* + 1. Bullet Resistant Fiberglass Armor:
			1. Basis of Design: Fibre-Tex; as manufactured by Chicago Bullet Proof Systems.

\*\* NOTE TO SPECIFIER \*\* Delete bullet resistance options not required.

* + - 1. Bullet Resistance: UL 752, Level 1.
				1. Thickness: 1/4 inch (6 mm).
			2. Bullet Resistance: UL 752, Level 2.
				1. Thickness: 3/8 inch (10 mm).
			3. Bullet Resistance: UL 752, Level 3.
				1. Thickness: 1/2 inch (13 mm).
			4. Bullet Resistance: UL 752, Level 4.
				1. Thickness: 1-3/16 inch (33 mm).
			5. Bullet Resistance: UL 752, Level 5.
				1. Thickness: 1-3/8 inch (35 mm).
			6. Bullet Resistance: UL 752, Level 6.
				1. Thickness: 3/8 inch (10 mm).
			7. Bullet Resistance: UL 752, Level 7.
				1. Thickness: 1-1/16 inch (27 mm).
			8. Bullet Resistance: UL 752, Level 8.
				1. Thickness: 1-7/16 inch (36 mm).

\*\* NOTE TO SPECIFIER \*\* Delete size options not required.

* + - 1. Size: 3 x 8 feet (914 x 2438 mm).
			2. Size: 3 x 9 feet (914 x 2743 mm).
			3. Size: 4 x 8 feet (1219 x 2438 mm).
			4. Size: 4 x 9 feet (1219 x 2743 mm).
			5. Size: As indicated on Drawings.
			6. Size (in/mm): \_\_\_\_\_.
		1. Bullet Resistant Steel Armor:
			1. Basis of Design: Shot-Tex; as manufactured by Chicago Bullet Proof Systems.

\*\* NOTE TO SPECIFIER \*\* Delete bullet resistance options not required.

* + - 1. Bullet Resistance: UL 752, Level 1.
				1. Thickness: 1/8 inch (3 mm).
			2. Bullet Resistance: UL 752, Level 2.
				1. Thickness: 3/16 inch (5 mm).
			3. Bullet Resistance: UL 752, Level 3.
				1. Thickness: 1/4 inch (6 mm).
			4. Bullet Resistance: UL 752, Level 4.
				1. Thickness: 3/8 inch (9 mm).
			5. Bullet Resistance: UL 752, Level 8.
				1. Thickness: 3/8 inch (9 mm).

\*\* NOTE TO SPECIFIER \*\* Delete size option not required.

* + - 1. Size: As indicated on Drawings.
			2. Size (in/mm): \_\_\_\_\_.

\*\* NOTE TO SPECIFIER \*\* Delete article if not required.

* 1. BULLET RESISTANT ENCLOSURES

\*\* NOTE TO SPECIFIER \*\* MGE is a modular system of wall panels which can be connected to create continuous walls or enclosures. Panels are easier to carry into buildings and down narrow passage ways. They can be disassembled and rearranged if desired for relocation. MGEs can also be used to create large guard enclosures which could not be shipped prefabricated. Delete paragraph if not required.

* + 1. Modular Guard Enclosures:
			1. Basis of Design: Modular Guard Enclosure, Model MGE; as manufactured by Chicago Bullet Proof Systems.
			2. Performance and Design Requirements:

\*\* NOTE TO SPECIFIER \*\* Delete bullet resistance options not required.

* + - * 1. Bullet Resistance: UL 752, Level 1.
				2. Bullet Resistance: UL 752, Level 2.
				3. Bullet Resistance: UL 752, Level 3.
				4. Bullet Resistance: UL 752, Level 4.
			1. Fully enclosed or self-contained bullet resistant rooms or buildings.
			2. Panels:

\*\* NOTE TO SPECIFIER \*\* Delete panel options not required.

* + - * 1. Panels: Flush.
				2. Panels: With vision windows.
				3. Panels: With teller window.
				4. Panels: With door.
				5. Panels: Ceiling.
				6. Corner posts.

\*\* NOTE TO SPECIFIER \*\* Delete size option not required. Maximum recommend size is 36 x 120 inches.

* + - * 1. Size: As indicated on Drawings.
				2. Size (in/mm): \_\_\_\_\_.
			1. Finish: Rust-inhibiting primer.

\*\* NOTE TO SPECIFIER \*\* Delete article if not required.

* 1. BULLET RESISTANT TRANSPARENT BARRIER SYSTEMS
		1. Basis of Design: Bullet Resistant Transparent Barrier Systems with Vertical Baffle; as manufactured by Chicago Bullet Proof Systems.
			1. Custom prefabricated bullet resistant panels with secure air passage as required for voice transmission. Aluminum frame, with a recessed cash tray. Accessories for installation are included.
			2. Standards Compliance:
				1. ASTM A 666 for Stainless Steel Sheet, Strip, Plate and Flat Bar.
				2. ASTM B 209/B 209M for Aluminum and Aluminum Alloy Sheet and Plate.
				3. ASTM E119 for Fire Tests of Building Construction and Materials.
				4. NIJ Standard 0108.01-National Institute of Justice.
				5. Underwriters Laboratory UL 752
			3. Bullet-Resisting Glazing Material Options:
				1. Bullet Resistant: UL 752, Level 1.

LP 750 Laminated: 3/4 inch (19 mm) thick.

Uncoated Acrylic: 1-1/4 inch (32 mm) thick.

* + - * 1. Bullet Resistant: UL 752, Level 2.

LP 1000 Laminated: 1 inch ( 25 mm) thick.

Uncoated Acrylic: 1-3/8 inch (38 mm) thick.

* + - * 1. Bullet Resistant: UL 752, Level 3.

LP 1250 Laminated: 1-1/4 inch (32 mm) thick.

* + 1. Basis of Design: Bullet Resistant Transparent Barrier with Hole and Backer; as manufactured by Chicago Bullet Proof Systems.
			1. Custom prefabricated bullet resistant wall section panels with secure air passage through the window transaction point as required for voice transmission. Aluminum channel, acrylic mounting clips, acrylic buttresses and accessories for installation are included.
			2. Standards Compliance:
				1. ASTM A 666 for Stainless Steel Sheet, Strip, Plate and Flat Bar.
				2. ASTM B 209/B 209M for Aluminum and Aluminum Alloy Sheet and Plate.
				3. ASTM E119 for Fire Tests of Building Construction and Materials.
				4. NIJ Standard 0108.01-National Institute of Justice.
				5. Underwriters Laboratory UL 752
			3. Bullet-Resisting Glazing Material Options:
				1. Bullet Resistant: UL 752, Level 1.

LP 750 Laminated: 3/4 inch (19 mm) thick.

Uncoated Acrylic: 1-1/4 inch (32 mm) thick.

* + - * 1. Bullet Resistant: UL 752, Level 2.

LP 1000 Laminated: 1 inch ( 25 mm) thick.

Uncoated Acrylic: 1-3/8 inch (38 mm) thick.

* + - * 1. Bullet Resistant: UL 752, Level 3.

LP 1250 Laminated: 1-1/4 inch (32 mm) thick.

* + 1. Basis of Design: Bullet Resistant Transparent Systems with Arched Hole and Backer; as manufactured by Chicago Bullet Proof Systems.
			1. Custom prefabricated bullet resistant wall section panels with secure air passage through the arched window transaction point as required for voice transmission. Aluminum channel, acrylic mounting clips, acrylic buttresses and accessories for installation are included. Available finishes include clear anodized or powder coated.
			2. Standards Compliance:
				1. ASTM A 666 for Stainless Steel Sheet, Strip, Plate and Flat Bar.
				2. ASTM B 209/B 209M for Aluminum and Aluminum Alloy Sheet and Plate.
				3. ASTM E119 for Fire Tests of Building Construction and Materials.
				4. NIJ Standard 0108.01-National Institute of Justice.
				5. Underwriters Laboratory UL 752
			3. Bullet-Resisting Glazing Material Options:
				1. Bullet Resistant: UL 752, Level 1.

LP 750 Laminated: 3/4 inch (19 mm) thick.

Acrylic: 1-1/4 inch (32 mm) thick.

* + - * 1. Bullet Resistant: UL 752, Level 2.

LP 1000 Laminated: 1 inch ( 25 mm) thick.

Acrylic: 1-3/8 inch (38 mm) thick.

* + - * 1. Bullet Resistant: UL 752, Level 3.

LP 1250 Laminated: 1-1/4 inch (32 mm) thick.

1. EXECUTION
	1. EXAMINATION
		1. Do not begin installation until substrates have been properly constructed and prepared.
		2. If substrate preparation is the responsibility of another installer, notify Architect in writing of unsatisfactory preparation before proceeding.
	2. PREPARATION
		1. Clean surfaces thoroughly prior to installation.
		2. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.
	3. INSTALLATION
		1. Install in accordance with manufacturer's instructions, approved submittals, and UL 752, and in proper relationship with adjacent construction.
		2. Install all equipment plumb, level, rigid and in true alignment.
		3. Set equipment in accordance with the manufacturer's printed recommendations. Use proper anchoring devices for the material to be anchored to. All exposed anchor holes shall be used for anchoring.
		4. Anchor frames securely in place to supports. Use attachment methods permitting adjustment for construction tolerances, irregularities, alignment, and expansion and contraction.
		5. Installation tolerances: Do not exceed the following installation tolerances:
			1. Squareness: Plus or minus 1/16 inch (1.6 mm) measured on a line, 90 degrees from one jamb, at the upper corner of the frame at the other jamb.
			2. Alignment: Plus or minus 1/16 inch (1.6 mm) measured on jambs on a horizontal line parallel to the plane of the wall
			3. Twist: Plus or minus 1/16 inch (1.6 mm) measured at face corners of jambs on parallel lines perpendicular to the plane of the wall.
			4. Plumb: Plus or minus 1/16 inch (1.6 mm) measured on the jamb at the floor.
		6. Adjust installed doors for correct function and smooth operation.
	4. FIELD QUALITY CONTROL
		1. Field Inspection: Coordinate field inspection in accordance with appropriate sections in Division 01.

\*\* NOTE TO SPECIFIER \*\* Include if manufacturer provides field quality control with onsite personnel for instruction or supervision of product installation, application, erection or construction. Delete if not required.

* + 1. Manufacturer's Services: Coordinate manufacturer's services in accordance with appropriate sections in Division 01.
	1. CLEANING AND PROTECTION
		1. Clean products in accordance with the manufacturers recommendations.
		2. Touch-up, repair or replace damaged products before Substantial Completion.
		3. Protect installed products until completion of project.

END OF SECTION