



REQUEST FOR QUOTATION

PLEASE COMPLETE THE FOLLOWING CONTACT INFORMATION:

Company Name: _____

Address: _____

Contact Name: _____

Contact Title: _____

E-mail: _____

NOTES:

1. The County reserves the right to reject any and/or all quotes, to waive any technicalities in the quote, and to take whatever action is in the best interest of Washington County.
2. The County is exempt from State of Maryland Sales Tax. The County's Maryland Sales Tax Exemption Number is 30001292.

RETURN QUOTATIONS TO:

WASHINGTON COUNTY DIVISION OF PUBLIC WORKS

Attention: Andrew Eshleman – Director

Telephone Number: 240-313-2252

REQUEST FOR QUOTATION

DATE ISSUED

5/1/2020

DELIVERY WANTED

See Attachment

DESCRIPTION

BALLISTIC GLASS FOR TREASURER'S OFFICE
(See Attached Instructions & Specifications)

QUOTATION DUE: Wednesday, May 13th, 2020 no later than 4:00 P.M.
by e-mail (aeshleman@washco-md.net), or fax (240-313-2251).

Having received clarification on all items of conflict or upon which any doubt arose, the undersigned proposed to furnish all labor, materials and equipment called for by said specifications and instructions on the attached Quotation Proposal Form.

TOTAL NET PRICE

PRICE (See Form of Proposal)

Official Signature _____

Name Printed _____

Telephone Number _____

Acknowledge Addenda # _____ Date _____

_____ Date _____, # _____ Date _____

BALLISTIC GLASS FOR TREASURER'S OFFICE

NOTICE TO QUOTERS & INSTRUCTIONS

1. **QUOTATION SUBMISSION:** Quotations are due by e-mail (aeshleman@washco-md.net), or fax (240-313-2251). Please direct all general inquiries to Andrew Eshleman, Director. **Quotations must be received no later than Wednesday, May 13, 2020 at 4:00 P.M.**
2. **PRE-QUOTATION MEETING:** **A pre-quotation meeting will not be held for this project.**
3. **SITE VISITS:** It is strongly encouraged that each Bidder submitting a quotation for this work examine the site and thoroughly satisfy himself/herself to the conditions under which he/she will operate or that will in any manner affect any work under his/her contract. The Bidder shall accept the site as he/she finds them. All proposals shall take into consideration all conditions that may affect the work. No allowance shall be made to any Bidder for negligence in this respect. The building is currently closed to the public, and visitations are by appointment only between the hours of 7:00a-2:30p Monday through Friday before the quotation due date. It is the responsibility of the bidder to make the necessary arrangements to view the property.
4. **AWARD OF CONTRACT:** The Total Lump Sum base bid plus add alternatives selected will be used as a basis for evaluation of quotations and award of the Contract. If an award of Contract is made, it will be made to the responsible Bidder who submits the lowest, responsive quotation. Carelessness in quoting prices, or in preparation of quotation otherwise, will not relieve the Quoter. Erasures or changes in quotations must be initialed.
5. **DISPUTES:** In cases of disputes as to whether or not an item or service quoted or delivered meets specifications, the decision of the County Commissioners or authorized representative shall be final and binding on both parties.
6. **EQUAL OPPORTUNITY:** The Board of County Commissioners of Washington County, Maryland does not discriminate on the basis of race, color, national origin, sex, religion, age and disability in employment or the provision of services.
7. **EXCEPTION:** The submission of a quote shall be considered an agreement to all items, conditions, and specifications provided herein and in the various quotation documents unless specifically noted otherwise in the proposal.
8. **INSURANCE:** Upon request and prior to execution of contract, the successful contractor must show Evidence of Insurance as outlined in the attached copy of Washington County Policy No. P-4 (Attachment No. 1).
9. **INTERPRETATION, DISCREPANCIES, OMISSIONS:** Should any Bidder find discrepancies in, or omissions from the documents or be in doubt of their meaning, or feel that the specifications are discriminatory, he/she should at once request an interpretation, in writing, from:
Andrew Eshleman, Director
Washington County Division of Public Works
100 West Washington Street
Hagerstown, MD 21740
E-mail: aeshleman@washco-md.net and
Fax: 240-313-2251

All necessary interpretations will be issued to all bidders in the form of addenda to the specifications, and such addenda shall become part of the contract documents. Exceptions as taken in no way obligates the County to change the specifications. Failure of any Bidder to receive any such addendum or interpretation shall not relieve such Bidder from any obligation under his/her bid as submitted. The County will assume no responsibility for oral instructions or suggestions. **ORAL ANSWERS WILL NOT BE BINDING ON THE COUNTY. No questions received after 4:00 P.M., local time, Wednesday, May 6, 2020 will be considered.**

10. **TIME OF COMPLETION AND LIQUIDATED DAMAGES:** Bidder must agree to commence work within ten (10) calendar days of receipt of written "Notice to Proceed" by the County and to fully complete the project within **60** consecutive calendar days thereafter.

The bidder must agree to pay as liquidated damages, the sum of **\$50.00** for each consecutive calendar thereafter.

Time is an essential element of the Contract and it is important that the Work be vigorously prosecuted until Final Acceptance. The Contractor understands and agrees that the County and the general public will suffer financial loss and/or inconvenience if the Project is not substantially complete on the date set forth in the Contract Documents. The County and the Contractor agree that the amount of financial loss and/or inconvenience is not subject to accurate estimation and the actual damages are not easily ascertained. Therefore, the County and the Contractor agree that the amount of liquidated damages set forth in the Contract Documents is a reasonable forecast of the just and fair compensation for the harm that would result from the Contractor's failure to timely complete the work.

For each calendar day that the Work shall remain uncompleted beyond the Contract Time, the Contractor and/or the Surety shall be liable for liquidated damages in the amount provided for in the Contract Documents, provided, however, that due account shall be taken of any adjustment of the Contract time for completion of work as granted by approved equitable adjustments.

11. **DISPOSAL FEES:** Disposal of items shall be at an approved location or landfill and any fees for same must be included in the contractor's quotation.
12. **LUMP SUM PROPOSAL:** A lump sum proposal shall include all work described herein. The total sum for the work listed in the Task Order of Work/Specifications shall include the cost of any and all permits and/or fees, the cost of all applicable seals and other taxes required by Local, State and Federal laws, the cost of bonds and insurances required, the cost of all material, labor, tools, equipment, transportation, landfill users fees, superintending and other services and facilities of every nature whatsoever or as may be necessary to complete the work as described in the specifications. The County will waive the permit fees for permits issued under County jurisdiction.
13. **PAYMENT:** Payment will be made within thirty (30) days after satisfactory acceptance. Invoices shall be submitted in duplicate to Mr. Andrew Eshleman, Director, Washington County Division of Public Works, Hagerstown, Maryland 21740. Invoices submitted without clear, concise, readable, definitive information shall be returned for clarification, and may delay payment. Invoices must include the site name and the Washington County-issued Purchase Order (P.O.) number.

14. **PAYMENT OF COUNTY AND MUNICIPAL TAXES:** Effective October 1, 1993, in compliance with Section 1-106(b)(3) of the Code of the Public Local Laws of Washington County, Maryland, "If a Bidder has not paid all taxes owed to the County or a municipal corporation in the County, the County Commissioners may reject the Bidder's bid."
15. **POLITICAL CONTRIBUTION DISCLOSURE:** In accordance with Maryland Code, State Finance and Procurement Article, §17-402, the Bidder shall comply with Maryland Code, Election Law Article, Title 14, which requires that every person that enters into contracts, leases, or other agreements with the State, a county, or any incorporated municipality, or their agencies during a calendar year in which the person receives in the aggregate \$100,000 or more, shall file with the State Administrative Board of Election Laws a statement disclosing contributions in excess of \$500 made during the reporting period to a candidate for elective office in any primary or general election. The statement shall be filed with the State Administrative Board of Election Laws: (1) before a purchase or execution of a lease or contract by the State, a county, an incorporated municipality or their agencies, and shall cover the preceding two (2) calendar years; and (2) if the contribution is made after the execution of a lease or contract, then twice a year, throughout the contract term, on: (a) February 5, to cover the 6-month period ending January 31; and (b) August 5, to cover the 6-month period ending July 31.
16. **RESERVATIONS:** The Board of County Commissioners of Washington County, Maryland, reserves the right to accept or reject any or all quotes, to waive formalities, informalities and technicalities therein. The Board reserves the right to contact a Quoter for clarifications and may, at its sole discretion, allow a Quoter to correct any and all formalities, informalities and technicalities in the best interest of the Washington County.
17. **SALES TAX:** The County is exempt from State of Maryland Sales Tax. The County's Sales Tax Exemption Number is 3000129-2. The Bidder is responsible to make any necessary inquiries and investigations with regulating state agencies to obtain a determination of tax exemptions in his/her quotation.
18. **WORK SITE DAMAGES:** Any damage to finished surfaces, surrounding areas, building, etc., shall be repaired to the damaged party's satisfaction at the Contractor's expense.
19. **FINAL ACCEPTANCE SIGN-OFF:** Final acceptance shall take place after all deficiencies noted by the Washington County Project Manager have been corrected to his/her satisfaction.
20. **PRICES VALID:** All quoted prices shall be valid for ninety (90) consecutive calendar days after submission of quote.
21. **GENERAL CONDITIONS FOR CONSTRUCTION CONTRACTS:** Contractor advised that contract shall abide by Washington County General Conditions for Construction, October 2008.

Quotation

BALLISTIC GLASS FOR TREASURER'S OFFICE

TASK ORDER OF WORK

1. SUMMARY:

- A. This work includes providing all material, labor, equipment, tools, and incidentals necessary to complete the installation of new BALLISTIC GLASS in the Treasurer's Office located at 35 West Washington Street, Hagerstown, MD 21740. The Contractor shall submit all applicable material specifications and samples to the County for review and approval prior to the start of the work. Depending on the extent of COVID-19 related social distancing measures at the time of installation, the area may have limited essential staff present and installation may occur during normal business hours or need to be installed after office hours. Protected areas include the following:
- a. Base Bid: Office Counter Protection
 - i. Counter Area protection. Install 1 ¼" thick UL Level 3 bullet resistant LP-1250 glass spanning a three (3) station payment counter that is approximately 19'-5" w by variable height to the ceiling soffit. Framing attachments shall be BL3-1.75 and in a clear anodized finish.
 - ii. Install three (3) arched transaction windows at teller stations with three (3) 16" x 10" x ½" stainless steel recessed deal trays into the existing counter.
 - b. Alternate #1: Bullet Resistance Office Door
 - i. Install one (1) Security Door, 3' x 7', complete with door frame, wood core with UL Level 3 fiberglass liner, wood veneer finish, heavy duty closer, heavy duty select hinge system, an electric strike with button release, and a Simplex L1000 lockset installed. Price is for one (1) door, however, additional doors may be added at the owner's discretion prior to award based on the bid price.
 - c. Alternate #2: Bullet Resistant Panels:
 - i. UL Level 3 bullet resistant fiberglass panels installed behind the counter and walls as shown.
- B. Contractor is responsible for making all field measurements before manufacturing.
- C. Additional information is attached hereto for informational purposes:
- Attachment No. 1 – Insurance Requirements
 - Attachment No. 2 – Project Drawings
 - Attachment No. 3 – Material Specifications
 - Attachment No. 4 – Photos
- D. Unless otherwise advised, Danny Hixon, Deputy Director of Buildings, Grounds and Facilities, shall be the Owner's designated representative and point of contact for all matters relating to the performance of this work.

- E. The Contractor shall complete the work described herein within the time specified herein following receipt of a written notice to proceed (purchase order) from the Owner.
- F. All work associated with this proposal shall be completed in accordance with the applicable standards, codes, laws and regulations adopted by the Authority Having Jurisdiction (AHJ). This project is located within the State of Maryland, County of Washington, and the City of Hagerstown.
- G. The Contractor shall take all necessary precautions for the protection of the work and safety of the public, all as indicated in the MUTCD. Contractor must maintain pedestrian access along Washington Street and to the front and rear entrances of the building, including furnishing, installing, and maintaining temporary signs throughout the work zone per City of Hagerstown standards.
- H. The Contractor shall notify MISS UTILITY at (800) 257-7777 to arrange for stakeout of utilities at least five days before starting any construction.
- I. The location for the project is: 35 W. Washington Street, 1st Floor., Hagerstown MD.

FORM OF PROPOSAL

TO:

FROM:

**The Board of County Commissioners
of Washington County, Maryland
c/o Division of Public Works
100 West Washington Street
Hagerstown, MD 21740**

DATE: _____

**QUOTATION DUE: Wednesday May 13th, 2020
4:00 P.M.**

Ladies/Gentlemen:

We hereby submit our proposal for:

BALLISTIC GLASS FOR TREASURER’S OFFICE

Having examined the site and being familiar with pertinent local conditions affecting the work and having carefully examined the contents of this Quotation Package, Request for Quotation, Notice to Quoters/Instructions, and Task Order of Work/Specifications bearing the project title, and dated May 1, 2020, including

Addenda (if any):

Addendum No. _____ Dated _____

and having received clarification on all items of conflict or upon which any doubt arose, the undersigned proposes to furnish all labor, materials and equipment called for by the said documents for the entire work, in strict accordance with the specifications, for the stipulated total lump sum of:

Total Lump Sum Price:

Base Bid:

_____ DOLLARS (\$ _____)
Written Figures

Add Alternate #1: Office Door:

_____ DOLLARS (\$ _____)
Written Figures

Add Alternate #2: Bullet Resistant Panels:

_____ DOLLARS (\$ _____)
Written Figures

FIRM NAME AND ADDRESS: _____

BY (Signature): _____

NAME AND TITLE (Printed): _____

TELEPHONE NO: _____

FAX NUMBER: _____

E-MAIL ADDRESS: _____

DATE: _____

FEDERAL EMPLOYER'S IDENTIFICATION NUMBER: _____

POLICY TITLE: Insurance Requirements for Independent Contractors

POLICY NUMBER: P-4

ADOPTION DATE: August 29, 1989

EFFECTIVE DATE: September 1, 1989

FILING INSTRUCTIONS:

I. PURPOSE

To protect Washington County against liability, loss or expense due to damaged property, injury to or death of any person or persons and for care and loss of services arising in any way, out of, or in connection with or resulting from the work or service performed on behalf of Washington County.

II. ACTION

The following should be inserted in all Independent Contractor Contracts:

"The Contractor shall procure and maintain at his sole expense and until final acceptance of the work by the County, insurance as hereinafter enumerated in policies written by insurance companies admitted in the State of Maryland, have A.M. Best rating of A- or better or its equivalent, and acceptable to the County."

1. **Workers Compensation:** The Contractor agrees to comply with Workers Compensation laws of the State of Maryland and to maintain a Workers Compensation and Employers Liability Policy.

Minimum Limits Required:

Workers Compensation -	Statutory
Employers Liability -	\$100,000 (Each Accident)
	\$500,000 (Disease - Policy Limit)
	\$100,000 (Disease - Each Employee)

2. **Comprehensive General Liability Insurance:** The Contractor shall provide Comprehensive General Liability including Products and Completed Operations.

Minimum Limits Required:

\$1,000,000 combined single limit for Bodily Injury and Property Damage.

Such insurance shall protect the County, its agents, elected and appointed officials, commission members and employees, and name Washington County on the policy as additional insured against liability, loss or expense due to damaged property (including loss of use), injury to or death of any person or persons and for care and loss of services arising in any way, out of, or in connection with or resulting from the work of service performed on behalf of Washington County.

The Contractor is ultimately responsible that Subcontractors, if subcontracting is authorized, procure and maintain at their sole expense and until final acceptance of the work by the County, insurance as hereinafter enumerated in policies written by insurance companies admitted in the State of Maryland, have A.M. Best rating of A- or better or its equivalent, and acceptable to the County.

3. **Business Automobile Liability:** The Contractor shall provide Business Auto Liability including coverage for all leased, owned, non-owned and hired vehicles.

Minimum Limits Required:

\$1,000,000 combined single limit for Bodily Injury or Property Damage.

Certificate(s) of Insurance: The Contractor shall provide certificates of insurance requiring a 30 day notice of cancellation to the Insurance Department, Board of County Commissioners of Washington County prior to the start of the applicable project.

Approval of the insurance by the County shall not in any way relieve or decrease the liability of the Contractor. It is expressly understood that the County does not in any way represent that the specified limits of liability or coverage or policy forms are sufficient or adequate to protect the interest or liabilities of the Contractor.

All responsibility for payment of any sums resulting from any deductible provisions, corridor, or self-insured retention conditions of the policy or policies shall remain with the Contractor.

General Indemnity: The Contractor shall indemnify, defend and save harmless the Board of County Commissioners of Washington County, its appointed or elected officials, commission members, employees and agents for any and all suits, legal actions, administrative proceedings, claims, demands, damages, liabilities, interest, attorneys fees, costs and expenses of whatsoever kind of nature, whether arising before or after final acceptance and in any manner directly or indirectly caused, occasioned or contributed to in whole or in part by reason of any act, error or omission, fault or negligence whether active or passive by the Contractor, or any one acting under its direction, control or on its behalf in connection with or incident to its performance of the Contract.

Revision Date: August 27, 1991
Effective Date: August 27, 1991
Revision Date: March 4, 1997
Effective Date: March 4, 1997

Quick Tips

Washington County, Maryland

Understanding the Acord Certificate of Insurance

ACORD - CERTIFICATE OF INSURANCE

ISSUE DATE (MM/DD/YY) 09/02/99

PRODUCER: Bill Jones Insurance Agency, License #0C32505, 40 E. Main St., Ste. 1100, Baltimore, MD 21405, Ph.#: 800/583-005

INSURED: XYZ Construction, P. O. Box 41229, Hagerstown, MD 21740

COMPANIES AFFORDING COVERAGE: TRAVELERS INDEMNITY OF WISCONSIN, RELIANCE INSURANCE OF PENNSYLVANIA, STATE INSURANCE COMPANY

CODE	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	ALL LIMITS (IN THOUSANDS)
A	GENERAL LIABILITY <input checked="" type="checkbox"/> DOMESTIC GENERAL LIABILITY <input type="checkbox"/> CLAIMS MADE <input checked="" type="checkbox"/> OCCURRENCE <input type="checkbox"/> CONTRACTORS & CONTRACTOR'S PROFIT	NGA0105086-09	10/1/06	10/1/07	GENERAL AGGREGATE \$1,000,000 PRODUCTS-COMPOS AGGREGATE \$1,000,000 PERSONAL & ADVERTISING LIABILITY \$1,000,000 EACH OCCURRENCE \$1,000,000 FIRE DAMAGE (Any one fire) \$ MEDICAL EXPENSE (Any one person) \$ Exclud.
B	AUTOMOBILE LIABILITY <input type="checkbox"/> OWN AUTO <input checked="" type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> UNOWNED AUTOS <input checked="" type="checkbox"/> GARAGE LIABILITY	0105081-RDS	4/7/07	4/7/08	UNINSURED MOTORIST \$1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ PROPERTY DAMAGE \$
C	EXCESS LIABILITY <input checked="" type="checkbox"/> UMBRELLA FORM <input type="checkbox"/> OTHER THAN UMBRELLA FORM	46699898	1/10/07	1/10/08	EXCESS OCCURRENCE \$1,000,000 AGGREGATE \$
B	WORKERS' COMPENSATION AND EMPLOYER'S LIABILITY	JKA010-9087654	4/7/07	4/7/08	STATUTORY LIMITS \$1,000,000 (EACH ACCIDENT) \$1,000,000 (PER EMPLOYEE) \$1,000,000 (PER YEAR EACH EMPLOYER)

DESCRIPTION OF OPERATIONS: The Board of County Commissioners, Washington County, MD, its appointed or elected officials, officers, agents, and employees are named as additional insureds.

CERTIFICATE HOLDER: Board of County Commissioners of Washington County, MD, 100 W. Washington St., Hagerstown, MD 21740. Attn: County Dept.

CANCELLATION: SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING COMPANY WILL endeavor TO MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO MAIL SUCH NOTICE SHALL IMPROVE NO OBLIGATION OF LIABILITY OF ANY KIND UPON THE COMPANY, ITS AGENTS OR REPRESENTATIVES.

AUTHORIZED REPRESENTATIVE: Bill Jones

ACORD 25-S (3/98) ©ACORD CORPORATION 1998

1. PRODUCER Insurance Agent/Broker who issues certificate.

2. NAME OF INSURED Must be the legal name of the contracting party.

3. TYPES OF INSURANCE Must include the types of insurance required by contract.

4. POLICY FORM "Claims made" or "occurrence" form

5. NAMED ADDITIONAL INSURED The Board of County Commissioners of Washington County, MD must be named as additional insured.

6. CERTIFICATE HOLDER Must be Board of County Commissioners of Washington County MD

7. POLICY EFFECTIVE DATE

Must be prior to or coincidental with effective date of contract.

8. POLICY EXPIRATION DATE

If occurrence form, date must be on or after termination of contract

9. LIMITS OF INSURANCE

Must be the same or greater than required by contract. See minimums below.

10. DESCRIPTION OF OPERATIONS

The County is named additional insured here; place & event sometimes described here.

11. NOTICE OF CANCELLATION

Must be modified as indicated; 30 days required.

12. AUTHORIZED REPRESENTATIVE

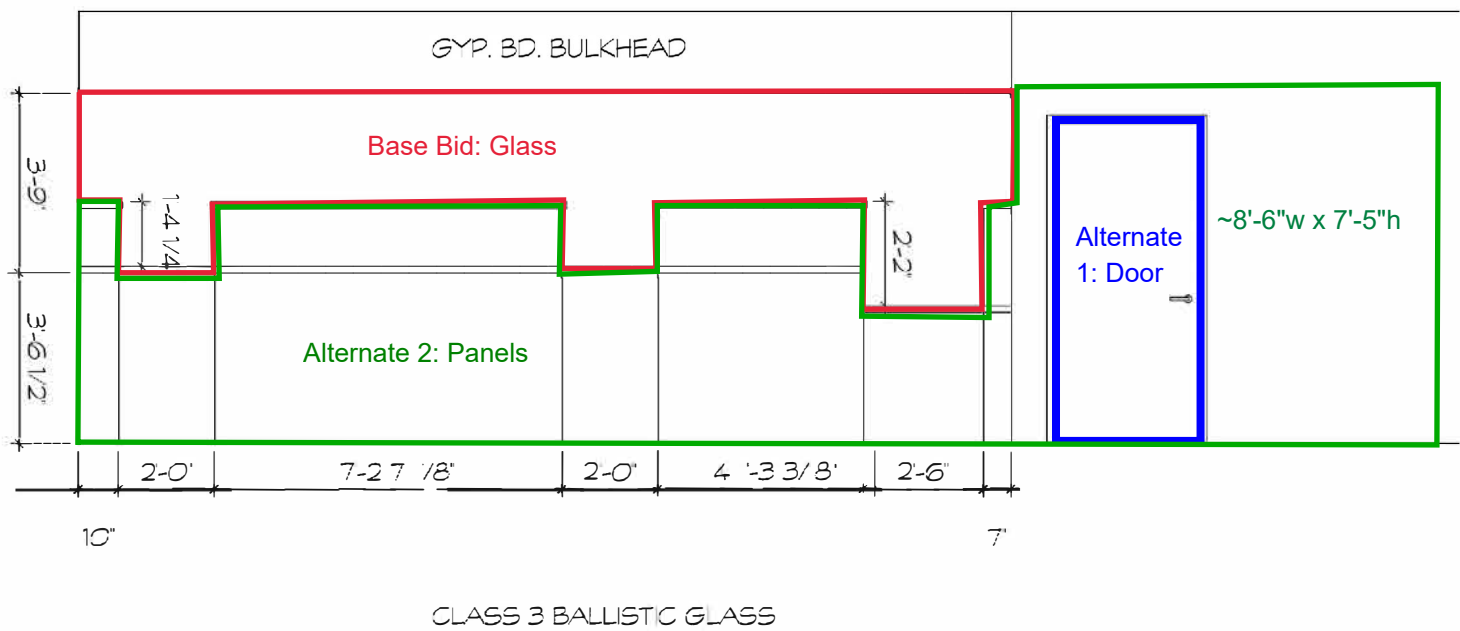
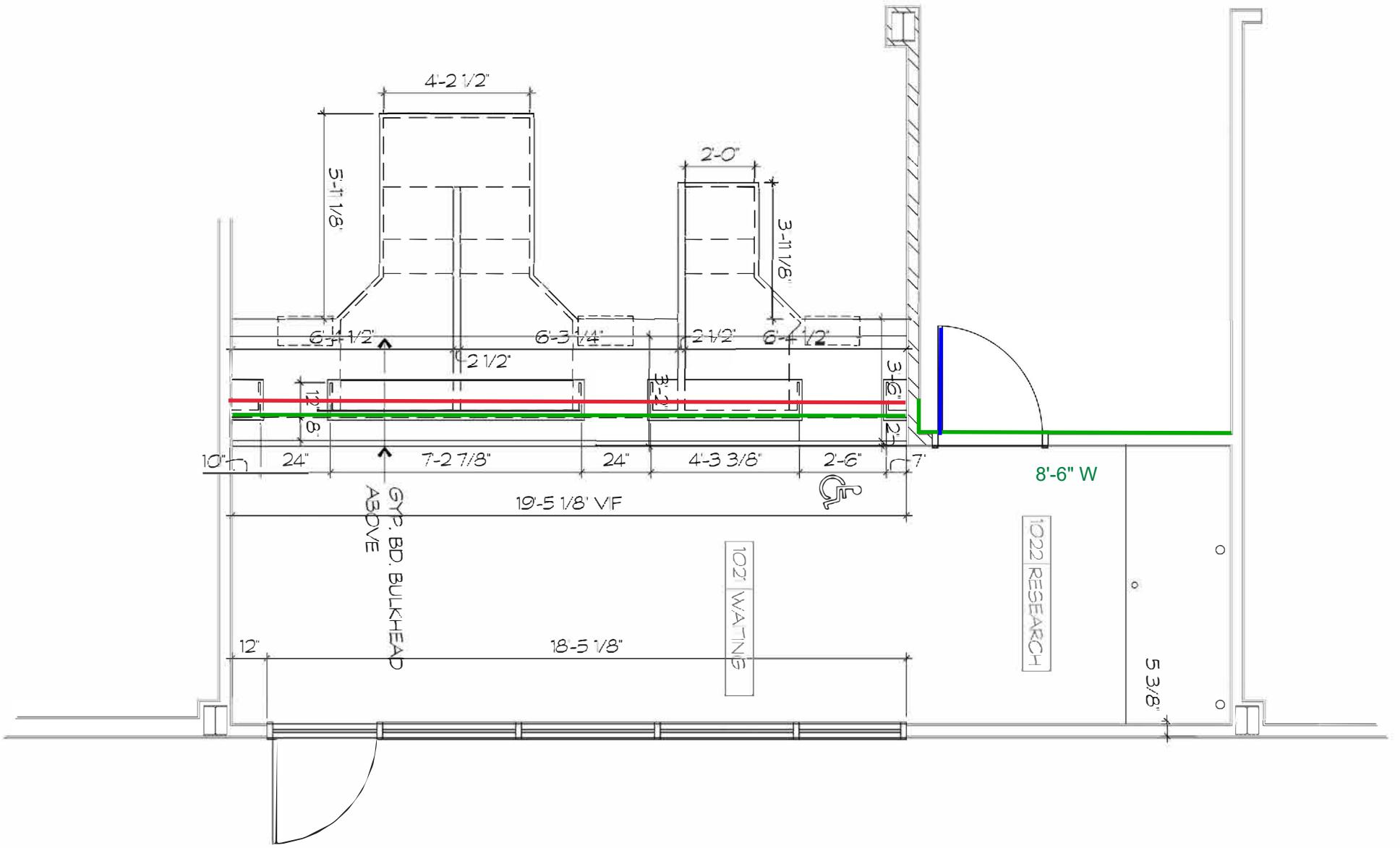
Must be signed, not stamped.

The ACORD Certificate of Insurance

1. THE PRODUCER: Produces or orders Certificate for insured; answers questions, revises certificate to meet contract requirements.
2. NAME OF INSURED: Must be legal name of contracting party.
3. TYPES OF INSURANCE: Must include types required by contract.
4. POLICY FORM: Will indicate claims-made or occurrence form; see "8. Policy Expiration Date" and Glossary for additional information.
5. NAMED ADDITIONAL INSURED: The Certificate must state, either under Description of Operations or by attached endorsement, that Board of County Commissioners is additional insured.
6. CERTIFICATE HOLDER: Must be Board of County Commissioners of Washington County, MD -- include department, contact person.
7. POLICY EFFECTIVE DATE: Must be prior to or coincidental with effective date of contract.
8. POLICY EXPIRATION DATE: For "occurrence" form coverage, date should be on or after the termination date of contract; if "claims-made coverage," coverage must survive for a period not less than three years following termination of contract and shall provide for a retroactive date of placement prior to or coinciding with the effective date of contract.
9. LIMITS OF INSURANCE: Must be same or greater than required by contract.
10. DESCRIPTION OF OPERATIONS: Review information in this section to determine it is consistent with contract.
11. NOTICE OF CANCELLATION: This language must be modified to read: "Should any of the above described policies be cancelled before the expiration date thereof, the issuing company will mail 30 days notice to the certificate holder named to the left."
12. AUTHORIZED REPRESENTATIVE: Must be signed by an authorized representative of Producer.

Quick Tips: Understanding the Acord Certificate of Insurance • 07/07

ATTACHMENT NO. 2

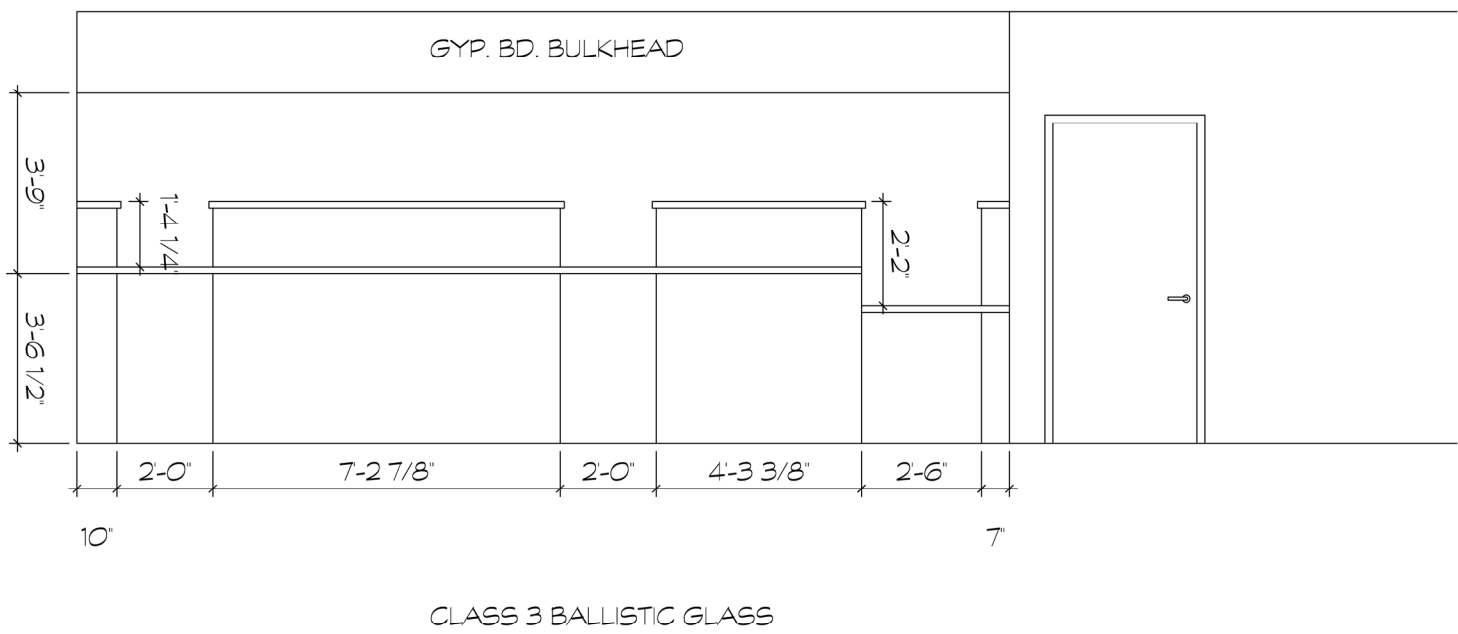
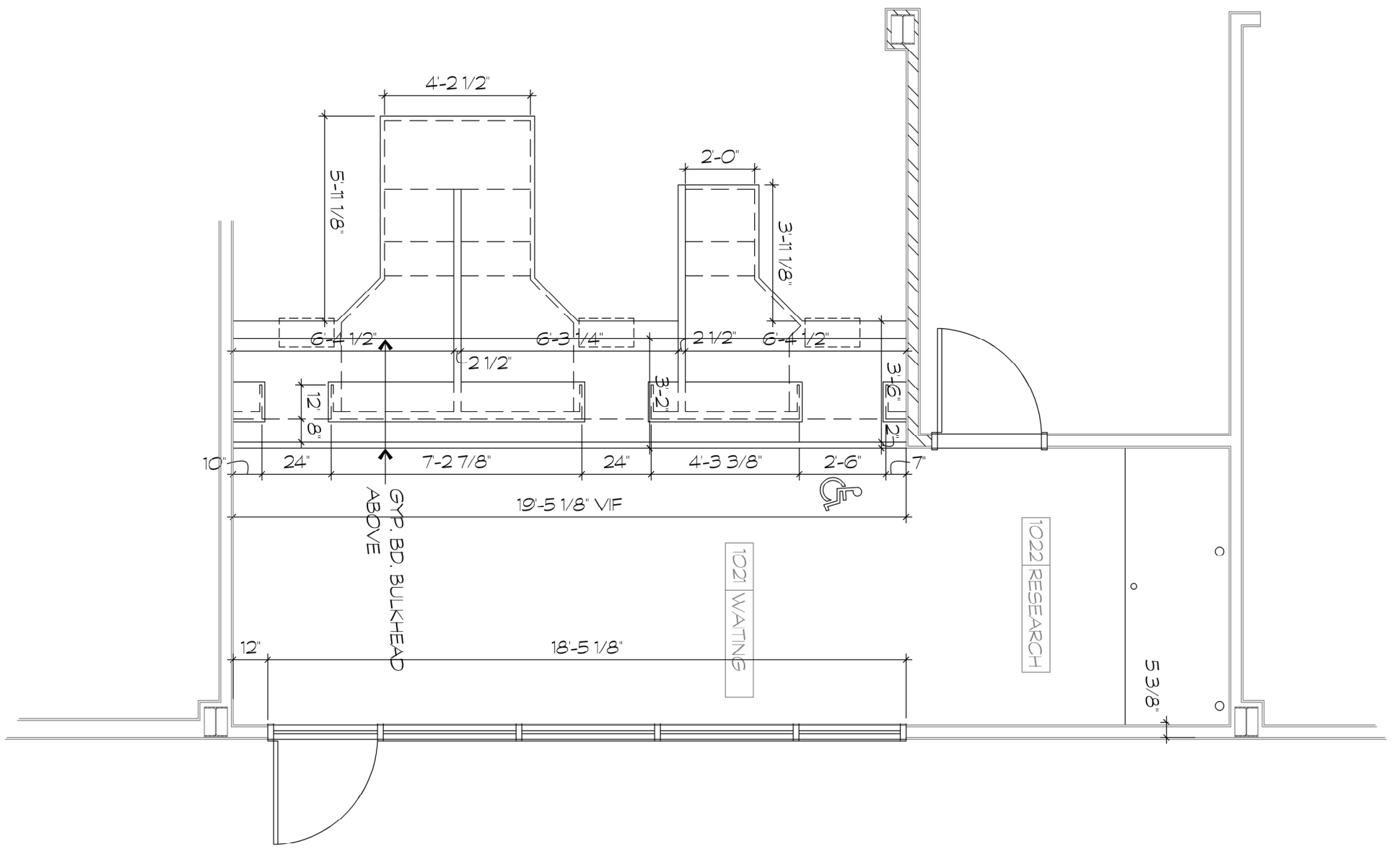


FIRST FLOOR
BALLISTIC GLASS
33/35 W. WASHINGTON ST.

WASHINGTON COUNTY, MARYLAND
DIVISION OF ENGINEERING &
CONSTRUCTION MANAGEMENT
Washington County Administrative Annex, Building
80 W. Baltimore St., Hagerstown, MD 21740
Phone: 240-313-2460 Fax: 240-313-2401

DESIGNED BY:	NO.	REVISION DESCRIPTION	BY	DATE
DRAWN BY:				
JVR				
CHECKED BY:				
DATE:				
09/20/2019				

SCALE
1/2" = 1'-0"
SHEET NO.
1 OF 1
PROJECT NO.
N/A



**FIRST FLOOR
BALLISTIC GLASS
33/35 W. WASHINGTON ST.**

WASHINGTON COUNTY, MARYLAND
DIVISION OF ENGINEERING &
CONSTRUCTION MANAGEMENT



Washington County Administrative Annex. Building
80 W. Baltimore St., Hagerstown, MD 21740
Phone: 240-313-2460 Fax: 240-313-2401

DESIGNED BY:	NO.	REVISION DESCRIPTION	BY	DATE
DRAWN BY: JVR				
CHECKED BY:				
DATE: 09/20/2019				

SCALE
1/2" = 1'-0"
SHEET NO.
1 OF 1
PROJECT NO.
N/A

ATTACHMENT NO. 3: SPECIFICATIONS

BULLET RESISTANT POLYCARBONATE LP 1250 SECURITY GLAZING

PART 1 GENERAL

1.1 REFERENCE

- A. Underwriters Laboratory UL 752-Standard for Bullet Resisting Equipment, ASTM C 1172 - Standard Specification for Laminated Architectural Flat Glazing, NIJ Standard 0108.01 - (National Institute of Justice) Standard for Ballistic Resistant Protective Materials (September, 1985).

1.2 SUBMITTALS

- A. The following shall be submitted by the manufacturer in accordance with Sections 13070 and any Special Contract Requirements: Submit for approval prior to fabrication: samples, product data (including preparation, storage and installation methods), cuts & anchor spacing, reinforcement & location , product specifications, shop drawings, test reports (current UL Listing Verification & UL 752 Test Results as provided by Underwriters Laboratories), and printed data in sufficient detail to indicate compliance with the contract documents.
- B. Manufacturer's instructions for installation and cleaning of Bullet Resistant Polycarbonate. All required submittals shall be approved prior to installation.

1.3 DESIGN PERFORMANCE

- A. Through the design, manufacturing techniques and material application the Bullet Resistant Polycarbonate Security Glazing shall be constructed of Laminated Acrylic/Polycarbonate sheets with a UL Standard 752 Level 3 rating.
- B. Light Transmission in excess of 90%.
- C. UL Level 3 to be 1.25" thickness.

1.4 QUALITY ASSURANCE

- A. Manufacturer shall be a Company that specializes in manufacturing products of the specified type with a minimum of five years' experience. Installer shall be a Company that specializes in product type specified. Manufacturer shall provide a sample with color/finish to the Architect for approval prior to start of work.

1.5 DELIVERY, STORAGE & HANDLING

- A. Deliver the materials to the project with the manufacturer's UL Listed Labels intact and legible. Handle the materials with care to prevent damage. Store materials inside and under cover, stack flat and off floor. Project conditions (temperature, humidity, and ventilation) shall be within the maximum limit recommendations set by manufacturer. Do not install products that are under conditions outside these limits.

1.6 WARRANTY

- A. All materials shall be warranted against defects for a period of 1 year for the date of receipt at the project site. . Certificates of manufacturer's standard limited warranty shall be provided at project completion.

PART 2 PRODUCTS

2.1 ACCEPTABLE MANUFACTURERS

A. Manufacturers must meet or exceed referenced standards

2.2 PRODUCT: BULLET RESISTANT POLYCARBONATE SECURITY GLAZING.

A. Product to be Laminated Polycarbonate LP 1250 BR 1 1/4"

PART 3 EXECUTION

3.1 PREPARATION

A. Prior to installing the bullet resistant material, the contractor shall verify that all supports have been installed as required by the contract documents and architectural drawings, and approved shop/CAD drawings, if required. Installer shall notify architect of any unsatisfactory preparation that is responsibility of another installer.

B. Clean and prepare all surfaces per manufacturers recommendations for achieving the best results for the substrate under the project conditions.

3.3 POST APPLICATION

A. Inspection and Cleaning: Verify installation is complete and complies with manufacturer's requirements. Clean product and accessories, removing excess sealant, labels and protective covers.

B. Product Warranty: Applicable warranty shall be issued to owner upon final release of completed project.

end of section

BULLET RESISTANT WOOD DOOR & FRAME ASSEMBLY

PART 1 GENERAL

1.1 REFERENCE

- A. Underwriters Laboratory UL 752-Standard for Bullet Resisting Equipment, ASTM C 1172 - Standard Specification for Laminated Architectural Flat Glass, NIJ Standard 0108.01 - (National Institute of Justice) Standard for Ballistic Resistant Protective Materials (September, 1985).

1.2 SUBMITTALS

- A. The following shall be submitted by the manufacturer in accordance with Sections 13070 and any Special Contract Requirements: Submit for approval prior to fabrication: samples, product data (including preparation, storage and installation methods), cuts & anchor spacing, reinforcement & location, product specifications, shop drawings, test reports (current UL Listing Verification & UL 752 Test Results as provided by Underwriters Laboratories), and printed data in sufficient detail to indicate compliance with the contract documents.
- B. Provide manufacturer's instructions for installation and cleaning of Bullet Resistant Wood Door Assemblies. All required submittals shall be approved prior to installation.

1.3 DESIGN PERFORMANCE

- A. Through the design, manufacturing techniques and material application the Bullet Resistant Wood Door shall be constructed of a wood core lined with a sheet of fiberglass. With a UL Standard 752 Level 3 rating. Door frame to have no exposed fasteners, all joint connections to have concealed clips to provide rigid assembly when installed. Exterior plastic laminated wood finish to match customer specification. Frames are non-rated, with option for ballistic rated tube. Assembly to include, anti-jimmy plate, overhead surface closer, heavy duty continuous hinge, and Simplex L1000 lever lockset. Door system to be available in Right hand, left hand and reverse swings.

1.4 QUALITY ASSURANCE

- A. Manufacturer shall be a Company that specializes in manufacturing products of the specified type with a minimum of five years experience. Installer shall be a Company that specializes in product type specified. Manufacturer shall provide a sample with color/finish to the Architect for approval prior to start of work.

1.5 DELIVERY, STORAGE & HANDLING

- A. Delivery the materials to the project with the manufacturer's UL Listed Labels intact and legible. Handle the materials with care to prevent damage. Store materials inside and under cover, stack flat and off floor. Project conditions (temperature, humidity, and ventilation) shall be within the maximum limit recommendations set by manufacturer. Do not install products that are under conditions outside these limits.

1.6 WARRANTY

- A. All materials shall be warranted against defects for a period of 1 year for the date of receipt at the project site. . Certificates of manufacturer's standard limited warranty shall be provided at project completion.

PART 2 PRODUCTS

2.1 ACCEPTABLE MANUFACTURERS

- A. Manufacturers must meet or exceed referenced standards.

2.2 PRODUCT: BULLET RESISTANT WOOD DOORS

- A. Product to be Bullet Resistant Wood Door: Door Frame Construction: Frames shall be a non-rated Aluminum 1 3/4" x 4" tube with a ballistic rated tube. Door hardware includes: HD continuous hinge, overhead closer, Simplex L1000 lever lockset, anti-jimmy plate, and electric strike with button release, and 2-piece door stops. Shipped fabricated and ready for field installation.
- B. Frame Finish: Anodized aluminum. Continuous hinge is clear anodized.
- C. Door Size: 36" x 84" (finish opening 40" x 86"), Jamb Tube 1 3/4" x 4"

- 1) Swing direction: LH
- 2) Factory Finish: Plastic Laminate

PART 3 EXECUTION

3.1 PREPARATION

A. Prior to installing the bullet resistive material, the contractor shall verify that all supports have been installed as required by the contract documents and architectural drawings, and approved shop/CAD drawings, if required. Installer shall notify architect of any unsatisfactory preparation that is responsibility of another installer.

B. Clean and prepare all surfaces per manufacturers recommendations for achieving the best results for the substrate under the project conditions.

3.2 INSTALLATION

A. Do not begin installation until openings have been verified and surfaces properly prepared in accordance with Drawings. Install in accordance with manufacturer's instructions and UL 752. Set all equipment plumb.

B. Bullet Resistant Wood Doors can be installed using industrial adhesive, mastic, screws and bolts. Method of application shall maintain bullet resistive rating at junctures with concrete floor, door and window frames and other penetrations. Installation tolerance shall not exceed 1/16th (1.6mm) for squareness, alignment, twist and plumb. Install hardware as specified.

3.3 POST APPLICATION

A. Bullet Resistant Wood Doors shall be installed in accordance with manufacturer's printed recommendations, including adhering to anchoring and finishing details. Method of application shall maintain the bullet resistive rating at junctures with wood floor, roof, the bullet resistive door frames, the bullet resistive window frames and all required penetrations.

B. Inspection and Cleaning: Verify installation is complete and complies with manufacturer's requirements. Clean product and accessories, removing excess sealant, labels and protective covers.

C. Touch-up, repair or replace damaged products before Substantial Completion.

D. Product Warranty: Applicable warranty shall be issued to owner upon final release of completed project.

end of section

ARCHED TRANSACTION WINDOW ASSEMBLY

PART 1 GENERAL

1.1 REFERENCE

- A. Underwriters Laboratory UL 752-Standard for Bullet Resisting Equipment & ASTM E119-98- Standard Test Methods for Fire Tests of Building Construction and Materials, NIJ Standard 0108.01-(National Institute of Justice) Standard for Ballistic Resistant Protective Materials, ASTM B 209/B 209M- Standard Specification for Aluminum and Aluminum Alloy Sheet and Plate, ASTM A 666-Standard Specification for Annealed or Cold-Worked Austenitic Stainless Steel Sheet, Strip, Plate and Flat Bar..

1.2 SUBMITTALS

- A. The following shall be submitted by the manufacturer in accordance with Sections 13070 and any Special Contract Requirements and coordinate with Sections 01340: Submit for approval prior to fabrication: samples, product data (including preparation, storage and installation methods), cuts & anchor spacing, reinforcement & location , product specifications, shop drawings, test reports (current UL Listing Verification & UL 752 Test Results as provided by Underwriters Laboratories), and printed data in sufficient detail to indicate compliance with the contract documents.
- B. Manufacturer's Instructions for installation and cleaning of TSS Arched Transaction Window Assemblies. All required submittals shall be approved prior to installation.

1.3 DESIGN PERFORMANCE

- A. Through the design, manufacturing techniques and material application the Arched Transaction Window shall be of the "non-ricochet" type. This design is intended to permit the encapture and retention of an attacking projectile lessening the potential of a random injury or lateral penetration. This assembly shall provide single or multiple transaction positions utilizing the "natural voice" baffle configuration. This design shall employ offset vertical standing vision panels and 5" baffles to complete the "natural voice" design as well as to protect against angled ballistic penetrations. Each transaction position shall have a stainless steel dip tray. Components must be manufactured in strict accordance with the specifications, design and details. All vision panels and baffles shall be cut to size with all exposed edges polished. Necessary holes shall be pre drilled and tapped where required. Stainless Steel assembly screws and acrylic spacers shall be provided. Clear anodized angles and channels shall be provided in field lengths. Anchor screws shall be provided by the installer.
- B. No field alterations to the construction of the units fabricated under the acceptable standards shall be allowed unless approved by the manufacturer and the architect. Standard manufacturing tolerances shall be +/- 1/16".
- C. Materials shall meet or exceed UL 752 requirements.

1.4 QUALITY ASSURANCE

- A. Manufacturer shall be a Company that specializes in manufacturing products of the specified type with a minimum of five years experience. Installer shall be a Company that specializes in product type specified and Certified for the installation by the manufacturer. Manufacturer shall provide a Mock-up, if required, for evaluation of surface preparation and application workmanship and color/finish to the Architect for approval prior to start of work.

1.5 DELIVERY, STORAGE & HANDLING

- A. Handle the materials with care to prevent damage. Store materials inside and under cover, stack flat and off floor. Project conditions (temperature, humidity, and ventilation) shall be within the maximum limit recommendations set by manufacturer. Do not install products that are under conditions outside these limits.

1.6 WARRANTY

- A. All materials shall be warranted against defects for a period of 1 year for the date of receipt at the project site. Certificates of manufacturer's standard limited warranty shall be provided at project completion.

PART 2 PRODUCTS

2.1 ACCEPTABLE MANUFACTURERS

- A. Manufacturers must meet or exceed referenced standards

2.2 BULLET RESISTANT ARCHED TRANSACTION WINDOW

- A. Product shall be: Arched Style Transaction Window: The Arched Window System consists of custom prefabricated bullet resistant panels with secure air passage as required for voice transmission. Aluminum frame and recessed cash tray. All accessories for installation are included. Available finishes include clear anodized.
- B. Glazing Panels shall be:

Bullet Resistant Level 3

- 1 1/4" LP 1250 Laminated

- C. Cash tray: Brushed Stainless Steel Recessed

1) Cash tray to be 18 ga. stainless steel, # 4 finish, 16" x 10" from the outside edge of flanges with a clear opening

- D. Provide a shelf 1 1/2" thick with a recessed cash tray. The shelf to be full width of window, 18" deep, centered under the glazing and covered with a black high pressure laminate. (Optional stainless steel 18 ga. #4 finish).
- E. Aluminum frame sections to be manufactured in accordance with ASTM B209, extruded aluminum alloy 6063 T5 Anodized finish and be free of sharp edges or burrs when in place. Glazing Channel: U-Channel specifically designed for securing transparencies tightly in place. Angles and stops are only acceptable for top attachment.
- 1) Frame to be anodized aluminum. The bottom of the glazing to be capped with corresponding material on the frame.

PART 3 EXECUTION

3.1 PREPARATION

- A. Prior to installing the bullet resistive material, the contractor shall verify that all supports have been installed as required by the contract documents and architectural drawings, and approved shop/CAD drawings, if required. Installer shall notify architect of any unsatisfactory preparation that is responsibility of another installer.
- B. Clean and prepare all surfaces per manufacturers recommendations for achieving the best results for the substrate under the project conditions.

3.2 INSTALLATION

- A. Do not begin installation until openings have been verified and surfaces properly prepared in accordance with Drawings. Install in accordance with manufacturer's instructions and UL 752. Set all equipment plumb. All product shall be installed per installation instructions.

3.3 POST APPLICATION

- A. Arched Transaction Window shall be installed in accordance with manufacturer's printed recommendations, including adhering to anchoring and finishing details.
- B. Inspection and Cleaning: Verify installation is complete and complies with manufacturer's requirements. Clean product and accessories, removing excess sealant, labels and protective covers.
- C. Touch-up, repair or replace damaged products before Substantial Completion.
- D. Product Warranty: Applicable warranty shall be issued to owner upon final release of completed project.

*****end of section*****

BULLET RESISTANT FIBERGLASS

PART 1 GENERAL

1.1 REFERENCE

- A. Underwriters Laboratory UL 752-Standard for Bullet Resisting Equipment & ASTM E119-98-Standard Test Methods for Fire Tests of Building Construction and Materials, NIJ Standard 0108.01-(National Institute of Justice) Standard for Ballistic Resistant Protective Materials, MIL-P-46593A-Numerical simulation of ballistic impact on composite laminates, MIL-STD-622F-V50 Ballistic Test for Armor.

1.2 SUBMITTALS

- A. The following shall be submitted by the manufacturer in accordance with Sections 13070 and any Special Contract Requirements: Submit for approval prior to fabrication: samples, test reports, shop drawings (dimensioned profiles including anchorage and finishes), product specifications, test reports (current UL Listing Verification & UL 752 Test Results as provided by Underwriters Laboratories), and printed data in sufficient detail to indicate compliance with the contract documents. ASTM E119-98 One Hour Fire Rating of Building and Construction Materials. Manufacturer's Instructions for installation of Bullet Resistant Fiberglass Panels. All required submittals shall be approved prior to installation.

1.3 DESIGN

- A. Through the design, manufacturing techniques and material application the Bullet Resistant Fiberglass shall be of the "non-ricochet" type. This design is intended to permit the encapture and retention of an attacking projectile, lessening the potential of a random injury or lateral penetration.

1.4 QUALITY ASSURANCE

- A. Manufacturer shall be a Company that specializes in manufacturing products of the specified type with a minimum of five years' experience. Installer shall be a Company that specializes in product type specified. Manufacturer shall provide a sample with finish to the Architect for approval prior to start of work.

1.5 DELIVERY, STORAGE & HANDLING

- A. Handle the materials with care to prevent damage. Store materials inside and under cover, stack flat and off floor. Project conditions (temperature, humidity, and ventilation) shall be within the maximum limit recommendations set by manufacturer. Do not install products that are under conditions outside these limits.

1.6 WARRANTY

- A. All materials shall be warranted against defects for a period of 1 year from the date of receipt at the project site. Certificates of manufacturer's standard limited warranty shall be provided at project completion.

PART 2 PRODUCTS

2.1 ACCEPTABLE MANUFACTURERS

A. Manufacturers must meet or exceed referenced standards.

2.2 PRODUCT: BULLET RESISTANT FIBERGLASS.

A. Composite Panel Product: Bullet Resistant Fiberglass Panel, shall be selected from the chart below. Panels shall be made of multiple layers of woven roving ballistic grade fiberglass cloth impregnated with a thermoset polyester resin and compressed into flat rigid sheets.

BULLET RESISTANT FIBERGLASS PANELS

PRODUCT	TEST CRITERIA/PERFORMANCE LEVEL	BALLISTIC DATA	NOMINAL THICKNESS	LBS/SQ FT
	UL 752/Level 3 (UL Listed)	44 Mag, 240 Gr, 1350 Ft. Sec, SWC	1/2"	5.0
	NIJ 0108.01 / Level IIIA	44 Mag, 158 Gr, 1400Ft. Sec, SWC		

2.3 SECURITY LEVEL

A. Bullet Resistant Fiberglass will be rated and tested for UL 752 and NIJ—0108.01 at the Level indicated by the product selected.

PART 3 EXECUTION

3.1 CONTRACT DOCUMENTS

A. Prior to installing the bullet resistant material, the contractor shall verify that all supports have been installed as required by the contract documents, architectural drawings, and approved shop/CAD drawings, if required.

3.2 INSTALLATION

- A. Do not begin installation until openings have been verified and surfaces properly prepared in accordance with Drawings. Prepare all surfaces per recommendations of manufacturer. Install in accordance with manufacturer's instructions and UL 752. Set all equipment plumb. Fire rated assemblies in accordance with NFPA80.
- B. Bullet Resistant Fiberglass panels can be installed using industrial adhesive, mastic, screws and bolts. Typical installation Method of application shall maintain bullet resistant rating at junctures with concrete floor, door and window frames and other penetrations. Installation tolerance shall not exceed 1/16th of an inch (1.6mm) for square-ness, alignment, twist and plumb. Install hardware as specified.
- C. Fiberglass can be painted or laminated. Refer to the Bullet Resistant Fiberglass instructions by Total Security Solutions.

3.3 JOINTS

- A. All joints shall be reinforced by a back-up layer of bullet resistant material that shall be 4" (2" on each panel) or a 2" overlap minimum.
- B. The bullet resistance of the joint, as reinforced, shall be at least equal to that of the panel.

3.4 POST APPLICATION

- A. Inspection and Cleaning: Verify installation is complete and complies with manufacturer's requirements. Clean product and accessories, removing excess sealant, labels and protective covers.
- B. Touch-up, repair or replace damaged products before Substantial Completion.
- C. Product Warranty: Applicable warranty shall be issued to owner upon final release of completed project.

end of section

Attachment No. 4: Photos

