

Section 13070

PART 1 - GENERAL

1.01 SUMMARY

- A. Section Includes:
 - 1. Provide bullet resistant assemblies, complete including glazing, and bullet resistant armor panels for walls if applicable.
- B. Related Work:
 - 1. 08800 - Glazing
 - 2. 08100 - Door and Frame Schedule
 - 3. 08700 - Door Hardware
 - 4. 09900 - Painting

1.02 QUALITY ASSURANCE

- A. Manufacture: Products and bullet resistant assemblies of Chicago Bullet Proof Systems are specified to establish intended type and quality of the bullet resistant assemblies required for the work.
- B. UL Labels: Each assembly shall bear a UL label evidencing the ballistic rating of the assembly. Suppliers that "comply with" or "manufacture to meet the requirements of UL" are not acceptable. Fully Assembled product must bear the UL label. Each label shall provide the following information:
 - 1. The Underwriters Laboratories, Inc. registered trademark "UL" with the word "listed."
 - 2. Description of Assembly
 - 3. Model Number
 - 4. Ballistic Rating
 - 5. Date of Manufacture
 - 6. Manufacturer's UL Control Number
- C. Quality Standards: Work of this section shall conform to UL 752 Standard for Safety, Bullet Resisting Equipment as per the most recent revision.

1.03 REFERENCES

- A. Underwriters' Laboratories, Inc. - UL 752, Bullet-Resisting Equipment, 333 Pfingsten Rd., Northbrook, IL 60062-20906. Tel : 847.272.8800.

1.04 SUBMITTALS

- A. Product Data: Submit bullet resistant assembly manufacturer's detailed specifications and installation instructions.
- B. Shop Drawings: Submit for architect's approval drawings fully detailing all work of this section. Indicate dimensions, description of materials and finishes, general construction, specific modifications, component connections, and anchorage methods. Also, indicate UL labeling and required level of ballistic protection.

1.05 PRODUCT DELIVERY, STORAGE, AND HANDLING:

- A. Deliver all products under this section in manufacturer's standard factory packaging. Inspect promptly and store products within the building in a dry location. Use care in unpacking, assembly, and handling to prevent damage or defacement.

1.06 WARRANTY

- A. Product shall be warranted from defects in workmanship and materials for use under normal and proper usage for a period of one year from date of shipment.

PART 3 -EXECUTION

3.01 INSPECTION:

- A. Opening Size: Verify opening size to be equal to that recommended for product by Chicago Bullet Proof Systems.
- B. Fit: Verify flatness/plumb and levelness of surfaces.

3.02 STORAGE:

- A. It shall be the responsibility of the general contractor to see that any scratches or disfigurement caused in shipping or handling are promptly cleaned and touched up with a rust-inhibitive primer (for painted surfaces), and that materials are properly stored on planks or dunnage, in a dry location, and covered to protect them from damage. Nothing shall be stored on top of any bullet resistant equipment.
- B. Windows and transparent armor shall be stored in an upright position.

3.03 INSTALLATION: Install work of this section according to manufacturer's recommendations, installation instructions and approved submittals. Install frames plumb, rigid and in true alignment. Utilize temporary supports for frames installed prior to wall erection. Install glass armor with the specified rubber spacers only for seating and securing glass in the frames. Calk frames where necessary (vision windows only). Glazing shall occur after all masonry, ceiling, electrical, plumbing and/or finish painting have been accomplished in order not to damage the bullet resistant transparent armor.

3.03 ADJUSTING and CLEANING: Leave glass clean according to manufacturer's recommendations and free of lables. Leave shop primed surfaces clean and ready for finish paint.