

# **BULLET RESISTANT STEEL DOORS**

## **SECTION 08 3950**

### **PART 1 – GENERAL**

#### **1.01 SUMMARY**

- A. This section includes:
  - 1. Bullet Resistant Steel Door and frame systems
  - 2. Door hardware for bullet resistant steel door and frame systems.

#### **1.02 SUBMITTALS**

- A. Product Data: Submit Manufacturer's technical product data substantiating that products comply.
- B. Shop drawings: Submit for fabrication and installation of windows. Include details, elevations and installation requirement of finish hardware and cleaning.
- C. Certification: Provide printed data in sufficient detail to indicate compliance with the contract documents.

#### **1.03 DELIVERY, STORAGE, AND HANDLING**

- A. Deliver doors crated to provide protection during transit and job storage
- B. Inspect doors upon delivery for damage. Unless minor defects can be made to meet the Architect's specifications and satisfaction, damaged parts should be removed and replaced.
- C. Store doors at building site under cover in dry location.

#### **1.04 PROJECT CONDITIONS**

- A. Field measurements: Check opening by accurate field measurement before fabrication. Show recorded measurements on shop drawings. Coordinate fabrication schedule with construction progress to avoid delay of work.

#### **1.05 WARRANTY**

All material and workmanship shall be warranted against defects for a period of one (1) year from the original date of purchase.

#### **1.06 SYSTEM DESCRIPTION**

- A. Design requirements: Comply with applicable recommendations of the following:
  - 1. AISC manual of Steel Construction

### **PART 2 - PRODUCTS**

#### **2.01 ACCEPTABLE MANUFACTURER'S**

- A. Basis of design: Design is based on Steel Bullet Resistant Doors, manufactured by **C.R. Laurence Co., Inc. (800) 421-6144**

#### **2.02 MATERIALS**

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- A. Frames: 14 gauge steel bullet resistant frame modules shall be to the standards established by U.L. 752 Protection Level \_\_\_\_ (specify level 1, or 3). Door: 16 gauge steel.  
MUST UTILIZE TESTING RECOGNIZED UNDER THE STANDARDS ESTABLISHED BY U.L. 752 FOR BULLET RESISTANT COMPONENTS.  
Alternate U.L. 752 Protection Levels available upon request.
- B. Finish: Both frame and door to be prime painted.
- C. Glazing: The glazing must be in accordance with U.L. 752 testing standards  
Level \_\_\_\_ (specify level 1, or 3). Bullet resistant laminated glass,
- D. (Options include: Door with vision lite, or no vision lite. Standard sizes are 36" w x 84" h.  
(Custom sizes available upon request.) Must specify door swing either left handed or right handed.

### **PART 3 – EXECUTION**

#### **3.01 INSTALLATION**

- A. Install frames and door in accordance with manufacturer's printed instructions and recommendations. Repair damaged units as directed (if approved by the manufacturer and the architect) or replace with new units.

#### **3.02 CLEANING**

- A. Clean frame and glazing surfaces after installation, complying with requirements contained in the manufacturer's instructions. Remove excess glazing sealant compounds, dirt or other substances.

#### **3.03 PROTECTION**

- A. Institute protective measures required throughout the remainder of the construction period to ensure that all the windows do not incur any damage or deterioration, other than normal weathering, at the time of acceptance.

## **END OF SECTION**