

SECTION 08380

DOUBLE ACTING IMPACT TRAFFIC DOORS

Part 1 GENERAL

Section 1.01 SUMMARY

- A. This section includes double acting impact traffic doors.
- B. Related sections: Include appropriate section below indicating proper frame/jamb details. Recommended jamb is 1/4" thick and 4" wide minimum steel frame.

Section 1.02 SUBMITTALS

- A. Product data: Submit manufacturer's data indicating products provided.
- B. Shop drawings: Submit indicating locations of required block outs, frame fabrication requirements, sizes, elevations, and other related items.

Section 1.03 DELIVERY, STORAGE AND HANDLING

- A. Packing and shipping: Deliver work packaged for protection.
- B. Acceptance at site: Inspect work upon delivery for damage; rejecting any damaged items.
- C. Storage and protection: Store materials under cover, 4" off floor, minimum, raised platforms, in vertical position with minimum 1/4" space between doors. Avoid use of non vented plastic or canvas shelters creating humidity chambers. Immediately remove wet wrappers.

Part 2 PRODUCTS

Section 1.04 MANUFACTURERS

- A. Acceptable Manufacturers:
  - 1. Products specified as standard of quality are manufactured by:

*National Access Design, LLC*  
1924 Losantiville Ave  
Cincinnati, OH. 45237  
1-513-351-3400  
[www.nationalaccessdesign.com](http://www.nationalaccessdesign.com)

- ~~2.~~ Substitutions: Not permitted.

Section 1.05 MANUFACTURED UNITS

- A. Traffic Doors:
  - 1. Acceptable product: National Access Design, LLC Model 500SS
  - 2. Traffic type: Retail/Commercial, personnel and cart traffic.
  - 3. Sizes: As indicated on drawings (door schedule).

4. **Panels:**
  - a. **Constructed of 20 GA polished and brushed stainless steel panel, with leading edge structurally formed for added strength. Jamb edge of panel reinforced with a 7" wide 3/8" plywood on both sides clad with .020 stainless steel.**
  
5. **Hinges:**
  - a. **Hinges are G.S. style with hardened rollers, hinge covers and \*bottom pin system\*.**
  - b. **Or \*10" jamb guard\*.** (If not used should be removed at final draft)
  - c. **Door panels 36" wide bi-parting and smaller will utilize café/gate style hinges.**
  
6. **Vision Area:**
  - a. **9" X 14" clear vision panels held securely in place by a gasket style custom rubber extrusion.**
  - b. **Or 6" x 12" (If panels are 36" bi-parting or smaller) (If not used should be removed at final draft)**
  - c. **Or 14" x 16" (If not used should be removed at final draft)**
  - d. **Or 22" x 22" (If not used should be removed at final draft)**
  - e. **Or 10" X 30" ADA**
  
7. **Panel Protection: Impact Plates, Plastic or Stainless Steel**
  - a. **None**
  - b. **Or 12" high Impact plate (If not used should be removed at final draft)**
  - c. **Or 18" high Impact plate (If not used should be removed at final draft)**
  - d. **Or 24" high Impact plate (If not used should be removed at final draft)**
  - e. **Or 36" high Impact plate (If not used should be removed at final draft)**
  - f. **Or 42" high Impact plate (If not used should be removed at final draft)**
  - g. **Or 48" high Impact plate (If not used should be removed at final draft)**

### **Part 3 EXECUTION**

#### **Section 1.06 EXAMINATION**

- A. **Verification of conditions:**
  1. **Verify traffic door frames are in accord with reviewed shop drawings.**
  2. **Examine conditions and substrates under which products of this section are to be installed; submit written notification of unacceptable conditions or substrates.**
  3. **Submit copy of installer's report to Architect of record within 72 hours of report receipt.**
  4. **Proceeding with construction activity of this section:**
    - a. **Prior to correction of unacceptable conditions or substrates are prohibited.**
    - b. **Indicated installer's acceptance of condition of product and substrates.**

#### **Section 1.07 INSTALLATION**

- A. **Steel tube frames: Or minimum double 2 X 4 wood, C-channel or reinforced hollow metal frames. Installed in Metal Fabrication section.**

- B. Traffic doors:**
- 1. Install in prepared openings in accordance with reviewed shop drawings and manufacturer's Installation instructions**
  - 2. Plumb and level units.**
  - 3. Adjust for proper operation.**
- C. Clean surfaces per manufacturer's instructions just prior to Date of Substantial Completion.**

**++ END OF SECTION ++**