



## 478 Model- Wicket Door

11/8/2006

### Part 1 - GENERAL

#### 1.01 DESCRIPTION

- A. **Type:** Pass Doors for Rolling Steel Doors to be manufactured by Porvene Doors, Inc.
- B. **Application:** to be used in conjunction with a Rolling Steel Door Series 400.
- C. **Mounting:** to be interior face mounted on a prepared opening.

#### 1.02 RELATED WORK

- A. Opening preparation, access panels, finish or field painting is in the scope of the work of other sections or trades.

### Part 2 - PRODUCT

#### 2.01 PEDESTRIAN DOOR

- A. **Panel:** to be 18 gauge hollow metal door with a polystyrene slab core. Effective thermal insulating area to be R=4.16, (U=0.24).
- B. **Size:** to be 3'0" x 6'8" (914mm x 2032mm).

#### 2.02 WICKET FRAME

- A. **Frame:** to be 2" (50.8mm) welded structural steel tubing.
- B. **Threshold:** to be 1/4" (6.35mm) thick flat steel bar maximum. ADA compliant.

#### 2.03 TRANSOM PANEL

- A. **Panel:** to be 18 gauge metal sheet. Optional insulating polyisocyanurate panel to be sandwiched between two sheets. Effective thermal insulating area to be R=8.0, (U=0.125). Maximum flame spread and smoke-developed indexes comply with ASTM E 84 standards

#### 2.04 OPERATION

- A. **Chain Hoist:** to be cast iron reduction gear or roller chain reduction.
- B. **Hand Chain:** to be galvanized machine link. Pull not to exceed 35 lbs. (156 N).

#### 2.05 GUIDE ASSEMBLY

- A. **Wall Angles:** to be mounted onto 3-piece structural steel guides.
- B. **Guides:** to be roll formed 13 gauge galvanized steel channels.

#### 2.06 LOCKING

- A. **Hand Chain Lock:** bracket, to be mounted on guide angle or wall for chain operated doors.
- B. **Curtain Lock:** to be hardened galvanized steel slide bolts attached to bottom angle suitable for padlocking. (Padlock by others.)
- C. **Pedestrian Door:** to be key lock on exterior door cylinder. Choice of interconnected deadbolt with interchangeable core or panic hardware.
- D. **Wicket Frame:** to be 1/2" (12.7mm) diameter steel cane bolt.

#### 2.06 FINISH

- A. **Wicket Surfaces :** to be shop coated with rust inhibiting acrylic enamel to match color of Rolling Steel Door.

### Part 3 - EXECUTION

#### 3.01 INSTALLATION

- A. **Installation:** to be by Porvene Doors, Inc. authorized representative according to Porvene Doors, Inc. standards and instructions.

\*A.S.T.M. A653 is the new designation of ASTM A527