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## Product Guide Specification

Specifier Notes: This product guide specification is written according to the Construction Specifications Institute (CSI) 3-Part Format, including *MasterFormat*, *SectionFormat*, and *PageFormat*, as described in *The Project Resource Manual—CSI Manual of Practice*.

The section must be carefully reviewed and edited by the Architect to meet the requirements of the project and local building code. Coordinate this section with other specification sections and the Drawings. Delete all "Specifier Notes" when editing this section.

Section numbers and titles are from *MasterFormat* 1995 Edition, with numbers and titles from *MasterFormat* 2004 Edition in parentheses. Delete version not required.

### SECTION 08582 (08 56 19)

#### PASS-THRU WINDOWS

Specifier Notes: This section covers Ready Access flush-mount and bump-out pass-thru windows. Consult Ready Access for assistance in editing this section for the specific application.

#### PART 1 GENERAL

##### 1.1 SECTION INCLUDES

- A. Pass-thru windows.

##### 1.2 RELATED SECTIONS

Specifier Notes: Edit the following list of related sections as required for the project. List other sections with work directly related to this section.

- A. Section 07620 (07 62 00) - Sheet Metal Flashing and Trim.
- B. Section 07920 (07 92 00) - Joint Sealants.

Specifier Notes: Delete the following sentence if electrical power is not required to operate the pass-thru windows.

- C. Section 16100 (26 05 00) - Wiring Methods (Common Work Results for Electrical).

### 1.3 REFERENCES

Specifier Notes: List standards referenced in this section, complete with designations and titles. This article does not require compliance with standards, but is merely a listing of those used.

- A. ASTM A 240 - Heat-Resisting Chromium and Chromium-Nickel Stainless Steel Plate, Sheet, and Strip for Pressure Vessels.
- B. ASTM A 653 - Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process.
- C. ASTM B 209 - Aluminum and Aluminum-Alloy Sheet and Plate.
- D. ASTM B 221 - Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes.
- E. ASTM C 1048 - Heat-Treated Flat Glass--Kind HS, Kind FT Coated and Uncoated Glass.

### 1.4 SUBMITTALS

- A. Comply with Section 01330 (01 33 00) - Submittal Procedures.
- B. Product Data: Submit manufacturer's product data, including materials, components, fabrication, finish, and installation instructions.

Specifier Notes: Delete electrical wiring diagrams from shop drawings requirements if electrical power is not required to operate the pass-thru windows.

- C. Shop Drawings: Submit manufacturer's shop drawings, including plans, elevations, sections, and details, indicating dimensions, tolerances, materials, fabrication, glazing, fasteners, hardware, finish, electrical wiring diagrams, options, and accessories.
- D. Samples: Submit manufacturer's samples of standard finishes.
- E. Manufacturer's Certification: Submit manufacturer's certification that materials comply with specified requirements and are suitable for intended application.
- F. Manufacturer's Project References: Submit list of successfully completed pass-thru window projects, including project name and location, name of architect, and type and quantity of pass-thru windows installed.

Specifier Notes: Delete electrical wiring diagrams from operation and maintenance manual requirements if electrical power is not required to operate the pass-thru windows.

- G. Operation and Maintenance Manual: Submit manufacturer's operation and maintenance manual, including operation, maintenance, adjustment, and cleaning instructions, trouble

shooting guide, parts list, and electrical wiring diagrams.

H. Warranty: Submit manufacturer's standard warranty.

## 1.5 QUALITY ASSURANCE

A. Manufacturer's Qualifications: Minimum of 25 years successful experience continuously manufacturing pass-thru windows.

## 1.6 DELIVERY, STORAGE, AND HANDLING

A. Delivery: Deliver materials to site in manufacturer's original, unopened containers and packaging, with labels clearly identifying product name and manufacturer.

B. Storage: Store materials in clean, dry area indoors in accordance with manufacturer's instructions.

C. Handling: Protect materials and finish from damage during handling and installation.

## PART 2 PRODUCTS

### 2.1 MANUFACTURER

A. Ready Access, Inc., 1815 Arthur Drive, West Chicago, Illinois 60185. Toll Free (800) 621-5045. Phone (630) 876-7766. Fax (630) 876-7767. Web Site [www.ready-access.com](http://www.ready-access.com). E-Mail [ready@ready-access.com](mailto:ready@ready-access.com).

Specifier Notes: Specify the required pass-thru windows and delete the others. Consult Ready Access for assistance in determining pass-thru windows for the specific application.

Specify the service opening size, opening direction, clear or tinted glass, and color of the silicone glazing sealant for each pass-thru window. Custom service opening sizes are available.

### 2.2 FLUSH-MOUNT PASS-THRU WINDOWS

- A. Flush-Mount Pass-Thru Windows: 275 Single Panel Manual Open/Self-Closing Slider Window.
1. Service Opening: [19 inches wide by 36 inches high] [19 inches wide by 28 inches high] [19 inches wide by 22 inches high] [ \_\_\_\_\_ inches wide by \_\_\_\_\_ inches high].
  2. Door Operation:
    - a. Open: Manual.
    - b. Close: Manual or self-closing.
  3. Door Type: Sliding, 1 door panel.
  4. Opening Direction: [Right to left] [Left to right].
  5. Frame: Extruded aluminum, ASTM B 221, Alloy 6063-T6 and 6063-T52.
  6. Aluminum Sheet: ASTM B 209, Alloy 5005-AQ-H34.
  7. Galvanized Steel Sheet: ASTM A 653, G90.
  8. Bottom Sill: Angled downward, track-free.

Specifier Notes: Delete the optional security bar set if not required.

9. Security: Automatically locks each time door closes. [Security bar set.]
10. Security Lock: Aluminum bar extrusion with sliding spring-loaded locking clip.
11. Fasteners: Stainless steel rivets and hex-head zinc-plated self-threading machine screws.
12. Handle: Black Delrin handle with pressed-in stainless steel spring pins. Stainless steel handle mounting bracket. Stainless steel spring-loaded mounting base.
13. Glazing: 1/4-inch tempered glass, ASTM C 1048, [clear] [tinted].
14. Silicone Glazing Sealant: Dow Corning 999A, [bronze] [aluminum] [champagne].

B. Flush-Mount Pass-Thru Windows: 275 M.O.E.R. Single Panel Manual Open/Electronic Release Slider Window.

1. Service Opening: [19 inches wide by 36 inches high] [19 inches wide by 28 inches high] [19 inches wide by 22 inches high] [ \_\_\_\_\_ inches wide by \_\_\_\_\_ inches high].
2. Door Operation:
  - a. Open: Manual.
  - b. Close: Magnetic release with electronic presence sensor.
3. Door Type: Sliding, 1 door panel.
4. Opening Direction: [Right to left] [Left to right].
5. Frame: Extruded aluminum, ASTM B 221, Alloy 6063-T6 and 6063-T52.
6. Aluminum Sheet: ASTM B 209, Alloy 5005-AQ-H34.
7. Galvanized Steel Sheet: ASTM A 653, G90.
8. Bottom Sill: Angled downward, track-free.

Specifier Notes: Delete the optional security bar set if not required.

9. Security: Automatically locks each time door closes. [Security bar set.]
10. Security Lock: Aluminum bar extrusion with sliding spring-loaded locking clip.
11. Fasteners: Stainless steel rivets and hex-head zinc-plated self-threading machine screws.
12. Handle: Black Delrin handle with pressed-in stainless steel spring pins. Stainless steel handle mounting bracket. Stainless steel spring-loaded mounting base.
13. Glazing: 1/4-inch tempered glass, ASTM C 1048, [clear] [tinted].
14. Silicone Glazing Sealant: Dow Corning 999A, [bronze] [aluminum] [champagne].
15. Electrical: 104/120 V, 3 A, 60 Hz.

C. Flush-Mount Pass-Thru Windows: 275 Single Panel Electric Slider Window.

1. Service Opening: [19 inches wide by 36 inches high] [19 inches wide by 28 inches high] [19 inches wide by 22 inches high] [ \_\_\_\_\_ inches wide by \_\_\_\_\_ inches high].
2. Door Operation: Fully automatic with electronic presence sensor.
3. Door Type: Sliding, 1 door panel.
4. Opening Direction: [Right to left] [Left to right].
5. Frame: Extruded aluminum, ASTM B 221, Alloy 6063-T6 and 6063-T52.
6. Aluminum Sheet: ASTM B 209, Alloy 5005-AQ-H34.
7. Galvanized Steel Sheet: ASTM A 653, G90.
8. Bottom Sill: Angled downward, track-free.

Specifier Notes: Delete the optional security bar set if not required.

9. Security: Automatically locks each time door closes. [Security bar set.]
10. Security Lock: Aluminum bar extrusion with sliding spring-loaded locking clip.
11. Fasteners: Stainless steel rivets and hex-head zinc-plated self-threading machine screws.
12. Handle: Black Delrin handle with pressed-in stainless steel spring pins. Stainless steel handle mounting bracket. Stainless steel spring-loaded mounting base.

13. Glazing: 1/4-inch tempered glass, ASTM C 1048, [clear] [tinted].
14. Silicone Glazing Sealant: Dow Corning 999A, [bronze] [aluminum] [champagne].

Specifier Notes: Specify one of the following electrical requirements.

15. Electrical: [115 V, 60 Hz, with 15 A branch circuit] [220 V, 50/60 Hz, with 8 A branch circuit].

D. Flush-Mount Pass-Thru Windows: 375 Double Panel Slider Window.

1. Service Opening: [26 inches wide by 34 inches high] [26 inches wide by 26 inches high] [26 inches wide by 20 inches high] [ \_\_\_\_\_ inches wide by \_\_\_\_\_ inches high].
2. Door Operation: Manual.
3. Door Type: Telescoping, sliding, 2 door panels.
4. Opening Direction: [Right to left] [Left to right].
5. Frame: Extruded aluminum, ASTM B 221, Alloy 6063-T6 and 6063-T52.
6. Aluminum Sheet: ASTM B 209, Alloy 5005-AQ-H34.
7. Galvanized Steel Sheet: ASTM A 653, G90.
8. Bottom Sill: Angled downward, track-free.

Specifier Notes: Delete the optional security bar set if not required.

9. Security: Automatically locks each time door is closed. [Security bar set.]
10. Fasteners: Stainless steel rivets and hex-head zinc-plated self-threading machine screws.
11. Handle: Stainless steel.
12. Lock: Self-latching Adams Rite MS1847 Series with Adams Rite 1000 Series turn.
13. Glazing: 1/4-inch tempered glass, ASTM C 1048, [clear] [tinted].
14. Silicone Glazing Sealant: Dow Corning 999A, [bronze] [aluminum].

E. Flush-Mount Pass-Thru Windows: 131 Bi-Parting Slider Window.

1. Service Opening: [18 inches wide by 31 inches high] [18 inches wide by 37 inches high] [ \_\_\_\_\_ inches wide by \_\_\_\_\_ inches high]. Adjustable to 18 inches or 12 inches wide.
2. Door Operation: [Manual] [Fully automatic with electronic presence sensor].
3. Door Type: Bi-parting, sliding, 2 door panels.
4. Frame: Extruded aluminum, ASTM B 221, Alloy 6063-T6 and 6063-T52.
5. Aluminum Sheet: ASTM B 209, Alloy 5005-AQ-H34.
6. Galvanized Steel Sheet: ASTM A 653, G90.
7. Bottom Sill: Track-free.

Specifier Notes: Delete the optional security bar set if not required.

8. Security: Automatically locks each time door closes. Manual security locks. [Security bar set.]
9. Fasteners: Stainless steel rivets and hex-head zinc-plated self-threading machine screws.
10. Handle: Black Delrin handle. Stainless steel handle mounting bracket.
11. Lock: Self-latching Adams Rite MS1847 Series with Adams Rite 1000 Series turn.
12. Glazing: 1/4-inch tempered glass, ASTM C 1048, [clear] [tinted].
13. Silicone Glazing Sealant: Dow Corning 999A, [bronze] [aluminum].

Specifier Notes: Specify one of the following electrical requirements for fully automatic door operation.

14. Electrical: [115 V, 60 Hz, with 15 A branch circuit] [220 V, 50/60 Hz, with 8 A branch circuit].

F. Flush-Mount Pass-Thru Windows: Flushmount 3 Window.

1. Service Opening: [18 inches wide by 18 inches high] [ \_\_\_\_\_ inches wide by \_\_\_\_\_ inches high].
2. Door Operation:
  - a. Open: Manual.
  - b. Close: Manual or self-closing.
3. Door Type: Bi-parting, folding outward, 2 door panels.
4. Frame: Extruded aluminum, ASTM B 221, Alloy 6063-T6 and 6063-T52.
5. Aluminum Sheet: ASTM B 209, Alloy 5005-AQ-H34.
6. Galvanized Steel Sheet: ASTM A 653, G90.
7. Bottom Sill: Track-free.

Specifier Notes: Delete the optional security bar set if not required.

8. Security bar set.
9. Security Lock: Aluminum bar extrusion with sliding spring-loaded locking clip.
10. Fasteners: Stainless steel rivets and hex-head zinc-plated self-threading machine screws.
11. Handle: Stainless steel.
12. Glazing: 1/4-inch tempered glass, ASTM C 1048, [clear] [tinted].
13. Silicone Glazing Sealant: Dow Corning 999A, [bronze] [aluminum].

Specifier Notes: Delete the optional shelf if not required.

14. Shelf: Exterior/interior, stainless steel, 28 inches wide by 10 inches deep.

G. Flush-Mount Pass-Thru Windows: Flushmount 3X Window.

1. Service Opening: [18 inches wide by 18 inches high] [ \_\_\_\_\_ inches wide by \_\_\_\_\_ inches high].
2. Door Operation:
  - a. Open: Manual.
  - b. Close: Manual or self-closing.
3. Door Type: Bi-parting, folding outward, 2 door panels.
4. Frame: Extruded aluminum, ASTM B 221, Alloy 6063-T6 and 6063-T52.
5. Aluminum Sheet: ASTM B 209, Alloy 5005-AQ-H34.
6. Galvanized Steel Sheet: ASTM A 653, G90.
7. Bottom Sill: Track-free.

Specifier Notes: Delete the optional security bar set if not required.

8. Security bar set.
9. Security Lock: Aluminum bar extrusion with sliding spring-loaded locking clip.
10. Fasteners: Stainless steel rivets and hex-head zinc-plated self-threading machine screws.
11. Handle: Stainless steel.
12. Glazing: 1/4-inch tempered glass, ASTM C 1048, [clear] [tinted].
13. Silicone Glazing Sealant: Dow Corning 999A, [bronze] [aluminum].

Specifier Notes: Delete the optional shelf if not required.

14. Shelf: Exterior, stainless steel, 28 inches wide by 10 inches deep.

H. Flush-Mount Pass-Thru Windows: Flushmount 3T Window.

1. Service Opening: [18 inches wide by 33 inches high] [ \_\_\_\_\_ inches wide by \_\_\_\_\_ inches high].
2. Door Operation:
  - a. Open: Manual.
  - b. Close: Manual or self-closing.
3. Door Type: Bi-parting, folding outward, 2 door panels.
4. Frame: Extruded aluminum, ASTM B 221, Alloy 6063-T6 and 6063-T52.
5. Aluminum Sheet: ASTM B 209, Alloy 5005-AQ-H34.
6. Galvanized Steel Sheet: ASTM A 653, G90.
7. Bottom Sill: Track-free.

Specifier Notes: Delete the optional security bar set if not required.

8. Security bar set.
9. Security Lock: Aluminum bar extrusion with sliding spring-loaded locking clip.
10. Fasteners: Stainless steel rivets and hex-head zinc-plated self-threading machine screws.
11. Handle: Stainless steel.
12. Glazing: 1/4-inch tempered glass, ASTM C 1048, [clear] [tinted].
13. Silicone Glazing Sealant: Dow Corning 999A, [bronze] [aluminum].

Specifier Notes: Delete the optional shelf if not required.

14. Shelf: Exterior, stainless steel, 28 inches wide by 10 inches deep.

### 2.3 BUMP-OUT PASS-THRU WINDOWS

A. Bump-Out Pass-Thru Windows: Bump-Out 10 Window.

1. Service Opening: [18 inches wide by 23 inches high] [ \_\_\_\_\_ inches wide by \_\_\_\_\_ inches high]. Adjustable to 18 inches or 12 inches wide.
2. Door Operation: [Manual] [Fully automatic with electronic presence sensor].
3. Door Type: Bi-parting, sliding, 2 door panels.
4. Frame: Extruded aluminum, ASTM B 221, Alloy 6063-T6 and 6063-T52.
5. Aluminum Sheet: ASTM B 209, Alloy 5005-AQ-H34.
6. Galvanized Steel Sheet: ASTM A 653, G90.
7. Counter Top: Stainless steel, ASTM A 240, Type 304, No.4 finish. Track-free.

Specifier Notes: Delete the optional security bar set if not required.

8. Security: Fully automatic door operation automatically locks each time door closes. [Security bar set.]
9. Fasteners: Stainless steel rivets and hex-head zinc-plated self-threading machine screws.
10. Handle: Black Delrin handle. Stainless steel handle mounting bracket.
11. Lock: Self-latching Adams Rite MS1847 Series with Adams Rite 1000 Series turn.
12. Glazing: 1/4-inch tempered glass, ASTM C 1048, [clear] [tinted].

13. Silicone Glazing Sealant: Dow Corning 999A, [bronze] [aluminum].

Specifier Notes: Specify one of the following electrical requirements for fully automatic door operation.

14. Electrical: [115 V, 60 Hz, with 15 A branch circuit] [220 V, 50/60 Hz, with 8 A branch circuit].

B. Bump-Out Pass-Thru Windows: Bump-Out 10 RX Window.

1. Service Opening: [18 inches wide by 23 inches high] [ \_\_\_\_\_ inches wide by \_\_\_\_\_ inches high]. Adjustable to 18 inches or 12 inches wide.
2. Door Operation: [Manual] [Fully automatic with electronic presence sensor].
3. Door Type: Bi-parting, sliding, 2 door panels.
4. Frame: Extruded aluminum, ASTM B 221, Alloy 6063-T6 and 6063-T52.
5. Aluminum Sheet: ASTM B 209, Alloy 5005-AQ-H34.
6. Galvanized Steel Sheet: ASTM A 653, G90.
7. Counter Top: Stainless steel, ASTM A 240, Type 304, No.4 finish. Track-free.
8. Drop Box: Exterior hinged flap, angled tunnel, 10-inch wide by 6-inch high by 10-inch deep reservoir bin.

Specifier Notes: Delete the optional security bar set if not required.

9. Security: Fully automatic door operation automatically locks each time door closes. [Security bar set.]
10. Fasteners: Stainless steel rivets and hex-head zinc-plated self-threading machine screws.
11. Handle: Black Delrin handle. Stainless steel handle mounting bracket.
12. Lock: Self-latching Adams Rite MS1847 Series with Adams Rite 1000 Series turn.
13. Glazing: 1/4-inch tempered glass, ASTM C 1048, [clear] [tinted].
14. Silicone Glazing Sealant: Dow Corning 999A, [bronze] [aluminum].

Specifier Notes: Specify one of the following electrical requirements for fully automatic door operation.

15. Electrical: [115 V, 60 Hz, with 15 A branch circuit] [220 V, 50/60 Hz, with 8 A branch circuit].

C. Bump-Out Pass-Thru Windows: Bump-Out 2 Window.

1. Service Opening: [19 inches wide by 18 inches high] [ \_\_\_\_\_ inches wide by \_\_\_\_\_ inches high].
2. Door Operation: [Semi-automatic with padded plunger] [Fully automatic with electronic light beam].
3. Door Type: Bi-parting, folding inward, 2 door panels.
4. Frame: Extruded aluminum, ASTM B 221, Alloy 6063-T6 and 6063-T52.
5. Aluminum Sheet: ASTM B 209, Alloy 5005-AQ-H34.
6. Galvanized Steel Sheet: ASTM A 653, G90.
7. Counter Top: Stainless steel, ASTM A 240, Type 304, No.4 finish. Track-free.

Specifier Notes: Delete the optional security bar set if not required.

8. Security bar set.
9. Security Lock: Aluminum bar extrusion with sliding spring-loaded locking clip.
10. Fasteners: Stainless steel rivets and hex-head zinc-plated self-threading machine screws.



11. Handle: Stainless steel.
12. Glazing: 1/4-inch tempered glass, ASTM C 1048, [clear] [tinted].
13. Silicone Glazing Sealant: Dow Corning 999A, [bronze] [aluminum].

Specifier Notes: Specify one of the following electrical requirements for fully automatic door operation.

14. Electrical: [115 V, 60 Hz, with 15 A branch circuit] [220 V, 50/60 Hz, with 8 A branch circuit].

D. Bump-Out Pass-Thru Windows: Bump-Out 4 Window.

1. Service Opening: [19 inches wide by 32 inches high] [ \_\_\_\_\_ inches wide by \_\_\_\_\_ inches high].
2. Door Operation: [Semi-automatic with padded plunger] [Fully automatic with electronic presence sensor].
3. Door Type: Bi-parting, folding inward, 2 door panels.
4. Frame: Extruded aluminum, ASTM B 221, Alloy 6063-T6 and 6063-T52.
5. Aluminum Sheet: ASTM B 209, Alloy 5005-AQ-H34.
6. Galvanized Steel Sheet: ASTM A 653, G90.
7. Counter Top: Stainless steel, ASTM A 240, Type 304, No.4 finish. Track-free.

Specifier Notes: Delete the optional security bar set if not required.

8. Security bar set.
9. Security Lock: Aluminum bar extrusion with sliding spring-loaded locking clip.
10. Fasteners: Stainless steel rivets and hex-head zinc-plated self-threading machine screws.
11. Handle: Stainless steel.
12. Glazing: 1/4-inch tempered glass, ASTM C 1048, [clear] [tinted].
13. Silicone Glazing Sealant: Dow Corning 999A, [bronze] [aluminum].

Specifier Notes: Specify one of the following electrical requirements for fully automatic door operation.

14. Electrical: [115 V, 60 Hz, with 15 A branch circuit] [220 V, 50/60 Hz, with 8 A branch circuit].

## 2.4 FABRICATION

- A. Assembly: Factory assembled, factory glazed.

## 2.5 ALUMINUM FINISH

Specifier Notes: Specify one of the following anodized finishes or the powder coat painted finish for each pass-thru window.

Model 275 Single Panel Electric Slider Window is the only pass-thru window available in Statuary Bronze and clear anodized, and powder coat painted.

- A. Anodized:
  1. Statuary Bronze, AA-M10-C12-C22-A44, ASTM B 580.
  2. Clear, AA-M10-C12-C22-A31, ASTM B 680.

- B. Powder Coat Painted:
1. Paint: Tiger Drylac Series 49.
  2. System: Heated phosphate-cleaned, electrostatic powder-coated, infrared oven-cured.

Specifier Notes: Consult Ready Access for availability of custom colors.

3. Color: \_\_\_\_\_ .

### **PART 3 EXECUTION**

#### **3.1 EXAMINATION**

- A. Examine areas to receive pass-thru windows. Notify Architect of conditions that would adversely affect installation or subsequent use. Do not proceed with installation until unsatisfactory conditions are corrected.

#### **3.2 PREPARATION**

- A. Ensure openings to receive pass-thru windows are plumb, level, square, accurately aligned, correctly located, and in tolerance.

#### **3.3 INSTALLATION**

- A. Install pass-thru windows in accordance with manufacturer's instructions.
- B. Install pass-thru windows plumb, level, square, true to line, and without warp or rack.
- C. Install pass-thru window components weathertight.
- D. Anchor pass-thru windows securely in place to supports. Use attachment methods permitting adjustment for construction tolerances, irregularities, alignment, and expansion and contraction.
- E. Separate aluminum from other metal surfaces with bituminous coatings or other means approved by Architect.
- F. Sheet Metal Flashing: Install sheet metal flashing as specified in Section 07620 (07 62 00).
- G. Joint Sealants: Install joint sealants as specified in Section 07920 (07 92 00).

Specifier Notes: Delete the following sentence if electrical power is not required to operate the pass-thru windows.

- H. Electrical: Install electrical power as specified in Section 16100 (26 05 00).
- I. Repair minor damages to finish in accordance with manufacturer's instructions and as approved by Architect.
- J. Remove and replace damaged components that cannot be successfully repaired as determined by Architect.

### **3.4 ADJUSTING**

- A. Adjust doors to be weathertight in closed position.
- B. Adjust doors and operating hardware to function properly and for smooth operation without binding.

### **3.5 CLEANING**

- A. Clean pass-thru windows promptly after installation in accordance with manufacturer's instructions.
- B. Remove excess joint sealant in accordance with sealant manufacturer's instructions.
- C. Do not use harsh cleaning materials or methods that would damage glazing or finish.

### **3.6 PROTECTION**

- A. Protect installed pass-thru windows to ensure that, except for normal weathering, pass-thru windows will be without damage or deterioration at time of substantial completion.

**END OF SECTION**