



Unit 302, 6741 Cariboo Road  
Burnaby, BC Canada V3N 4A3  
Toll Free: 1.888.591.0106  
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## ARCHITECTURAL SPECIFICATIONS

**PASS – THRU WINDOWS**  
**DIVISION 08**  
**SECTION 08 5680**

DISPLAY HIDDEN NOTES FOR SPECIFIER BY GOING TO 'TOOLS' / 'OPTIONS' / 'VIEW' / AND SELECTING 'HIDDEN TEXT'

### 1.0: GENERAL

#### 1.1: SECTION INCLUDES

- A. Section 2.2: In-line sliding pass-thru windows. (SS100) (SS200) (SS300) (W100) (W200) (W300) (SB100) (SB200) (SBT100) (SBT200)
- B. Section 2.3: In-line vertical lift pass-thru windows. (IL200) (SUI100) (SUI200)
- C. Section 2.4: Projected pass-thru windows. (CSP100) (CSP200) (CSP300) (PSB100) (PSB200)
- D. Section 2.5: Oversize In-line pass-thru windows.) (PAND 200C) (PANU 200C)

#### 1.2: RELATED SECTIONS

- A. Section 07620 - Sheet Metal Flashings
- B. Section 07920 - Joint Sealers

#### 1.3: SUBMITTALS

- A. Submit under provisions of Section 01300.
- B. Manufacturer's data sheets on each product to be used, including:
  - 1. Preparation instructions and recommendations.
  - 2. Storage and handling requirements and recommendations.
- C. Installation methods.
- D. Operation and Maintenance Manual.
- E. Shop Drawings: Submit manufacturer's shop drawings, including plans, elevations, sections and details, indicating dimensions, tolerances, materials, fabrication, glazing, fasteners, hardware, finish, electrical diagrams, options and accessories.
- F. Certifications: Submit documentation attesting to or affirming results of the physical properties specified in this section.

#### 1.4: QUALITY ASSURANCE



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- A. **Manufacturer Qualifications: Manufacturer shall have 40 years' experience manufacturing and fabricating windows of similar type and scope as those specified in this section.**
- B. **Installer Qualifications: Installer shall have five years' experience installing windows of similar type and scope as those specified in this section.**
- C. **Mock-Up: Provide a mock-up for evaluation of surface preparation techniques and application workmanship.**
  - a) Finish areas designated by Architect.
  - b) Do not proceed with remaining work until workmanship, color, and sheen are approved by Architect.
  - c) Refinish mock-up area as required to produce acceptable work.

### 1.5: DELIVERY, STORAGE, AND HANDLING

- A. **Deliver materials to site in manufacturer's original unopened shipping containers and packaging, labeled to clearly identify product name and manufacturer.**
- B. **Store materials in a clean dry area, indoor until ready for installation.**

### 1.6: PROJECT CONDITIONS

- A. Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's absolute limits.

### 1.7: WARRANTY

- A. **At project close-out, provide to the Owner a copy of the manufacturer's standard Limited Material Warranty document. Pass-Thru windows shall be warranted as follows:**
  - a) One year limited warranty against defects in material and workmanship related to electronics and automatic window automation.
  - b) Five year warranty against glazing seal failure, glazing delamination and defects in glazing manufacturing.
  - c) Five year limited warranty against defects in material and workmanship related to the framing and mechanical components of the window



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- d) Five year limited warranty against defects in the anodized aluminum finish.
- e) Three year limited warranty from paint manufacturer for color and film integrity.

## 2.0: PRODUCTS

### 2.1: MANUFACTURERS

A. **Acceptable Manufacturer: Easi-Serv Products Inc. located at: 6741 Cariboo Rd. Unit 302 Bldg. D ; Burnaby, BC, ; Canada ; V3N 4A3. ASD. Toll Free Tel: +1-888-591-0106; Tel: 604-422-8611; Fax: 604-422-8376; Email: request info ([sales@easi-serv.com](mailto:sales@easi-serv.com) ); Web: www.easi-serv.com.**

B. **Substitutions: Not permitted.**

C. **Requests for substitutions will be considered in accordance with provisions of Section 01600.**

### 2.2: IN-LINE SIDE SLIDING PASS-THRU WINDOWS

A. **Product: SS100 Series In-Line Side-Slider - Automatic Electric Open/Close Window:**

#### 1. Unit Size:

- a) SS100-1 Unit Size: 50 inches wide x 38 inches high (1270 mm x 965 mm); Service Opening: 20-7/8 inches wide x 27-5/8 inches high (530 mm x 702 mm).
- b) SS100-2 Unit Size: 47-1/2 inches wide x 43-1/2 inches high (1207 mm x 1105 mm); Service Opening: 19-5/8 inches wide x 33-1/8 inches high (499 mm x 841 mm).
- c) SS100-3 Unit Size: 47-1/2 inches x 36 inches high (1207 mm x 914 mm); Service Opening: 19-5/8 inches wide x 25-5/8 inches high (499 mm x 651 mm).
- d) SS100-4 Unit Size: 39 inches wide x 38 inches high (991 mm x 965 mm); Service Opening: 15-3/8 inches wide x 27-7/8 inches high (397 mm x 708mm).
- e) SS100-5 Unit Size: 39 inches wide x 45 inches high (991 mm x 1143 mm); Service Opening: 15-3/8 inches wide x 34-5/8 inches high (499 mm x 880 mm).
- f) SS100-6 Unit Size: 36 inches wide x 20 inches high (914 mm x 508 mm); Service Opening: 13-7/8 inches wide x 12 7/8 inches high (352 x 327 mm)
- g) SS100-C Unit Size: Custom \_\_\_\_\_ inches wide x \_\_\_\_\_ inches high.

#### 2. Window Type: Side-sliding, one moving panel.



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3. Window Operation: Automatic electric motor driven open / close with optical sensor with three position logic lock. Fully automatic open/close, locked open, locked close.

4. Opening Direction (when viewed from outside) X is the moving panel:

- a) OX, Right panel slides to left.
- b) XO, Left panel slides to right.

5. Frame: Extruded Aluminum.

6. Bottom Sill:

- a) Standard Sill, angled downwards towards exterior, integral window guide track.
- b) Standard Sill, angled downwards towards exterior, integral window guide track, stainless steel sill cover.
- c) Standard Sill, angled downwards towards exterior, integral window guide track, stainless steel cover.
- d) Low profile rectangular sill profile, window guide block at interlocker.

7. Header:

- a) Standard 7 inch (178 mm) header and mechanical compartment.

8. Hardware:

- a) Security Bar: Drop down aluminum lock bar.

9. Fasteners: Robertson Head zinc plated self-tapping machine screws and stainless steel rivets.

10. Glazing:

- a) 1/4 inch (6 mm) clear tempered glass.
- b) 1/4 inch (6 mm) tinted tempered glass, specified tint: \_\_\_\_\_.
- c) 1/4 inch (6 mm) laminated glass (1/8 - .030 – 1/8 inch make-up).
- d) 1/4 inch (6 mm) custom laminate glass, specified tint \_\_\_\_\_ or interlayer \_\_\_\_\_
- e) 1/4 inch (6 mm) Clear Lexan.



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- f) 1 inch (25 mm) Insulated 1/8 - 3/4 -1/8 inch (3-19-3 mm) clear tempered glass.
- g) 1 inch (25 mm) insulated glass custom make-up, specified glass type, thickness, tints and/or coatings \_\_\_\_\_

### 11. Weatherproofing:

- a) Interlocking jambs between moving panel and frame.
- b) Interlocking jambs between moving panel and fixed panel.
- c) Double mohair seals on all edges of moving panel.

### 12. Glazing Sealant:

- a) Face Vinyl - Extruded Polymers for Glazing, Inc. FC-120 Silicon.
- b) Glazing Sealant: CR Laurence Category 33S.

### 13. Electrical:

- a) 110-120V 60Hz 15A circuit.
- b) 220-240V 50/60Hz 15A circuit.

## **B. Product: SS200 Series In-Line Side-Slider - Manual Open/Manual Close Window:**

### 1. Size:

- a) SS200-1 Unit Size: 50 inches wide x 38 inches high (1270 mm x 965 mm); Service Opening: 20-7/8 inches wide x 27-5/8 inches high (530 mm x 702 mm).
- b) SS200-2 Unit Size: 47-1/2 inches wide x 43-1/2 inches high (1207 mm x 1105mm); Service Opening: 19-5/8 inches wide x 33-1/8 inches high (499 mm x 841mm).
- c) SS200-3 Unit Size: 47-1/2 inches x 36 inches high (1207 mm x 914 mm); Service Opening: 19-5/8 inches wide x 25-5/8 inches high (499 mm x 651 mm).
- d) SS200-4 Unit Size: 39 inches wide x 38 inches high (991 mm x 965 mm); Service Opening: 15-3/8 inches wide x 27-7/8 inches high (391mm x 708 mm).
- e) SS200-5 Unit Size: 39 inches wide x 45 inches high (991 mm x 1143 mm); Service Opening: 15-3/8 inches wide x 34-5/8 inches high (499 mm x 880 mm).



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f) SS200-6 Unit Size: 36 inches wide x 20 inches high (914 mm x 610 mm); Service Opening: 13-7/8 inches wide x 12-7/8 inches high (352 mm x 327 mm).

g) SS200-C Unit Size: Custom \_\_\_\_\_ inches wide x \_\_\_\_\_ inches high.

2. Window Type: Side-sliding, one moving panel.

3. Window Operation: Manual open, manual close.

4. Opening Direction (when viewed from outside): X is the moving panel

a) OX, Right panel slides to left.

b) XO, Left panel slides to right.

5. Frame: Extruded Aluminum.

6. Bottom Sill:

a) Standard Sill, angled downwards towards exterior, integral window guide track.

b) Standard Sill, angled downwards towards exterior, integral window guide track, stainless steel sill cover.

c) Standard Sill, angled downwards towards exterior, integral window guide track, stainless steel cover.

d) Low profile rectangular sill profile, window guide block at interlocker.

7. Header:

a) Standard 3 3/4" inch (95 mm) header and mechanical compartment.

8. Hardware:

a) Handle: 7 inch (178 mm) Aluminum Handle Taymor Industries 25-4007.

b) Security Lock: Automatic self locking Adams Rite Deadlatch MS1848-11 with aluminum spring loaded thumb latch Adams-Rite 1000-21-23.

c) Security Bar: Drop down aluminum lock bar.



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- d) Fasteners: Robertson Head zinc plated self-tapping machine screws and stainless steel rivets.

### 9. Glazing:

- a) 1/4 inch (6 mm) clear tempered glass.
- b) 1/4 inch (6 mm) tinted tempered glass, specified tint: \_\_\_\_\_.
- c) 1/4 inch (6 mm) laminated glass (1/8 - .030 – 1/8 inch make-up).
- d) 1/4 inch (6 mm) custom laminate glass, specified tint \_\_\_\_\_ or interlayer \_\_\_\_\_.
- e) 1/4 inch (6 mm) Clear Lexan.
- f) 1 inch (25 mm) Insulated 1/8 - 3/4 - 1/8 inch (3-19-3 mm) clear tempered glass.
- g) 1 inch (25 mm) insulated glass custom make-up, specified glass type, thickness, tints and/or coatings \_\_\_\_\_.

### 10. Weatherproofing:

- a) Interlocking jambs between moving panel and frame.
- b) Interlocking jambs between moving panel and fixed panel.
- c) Double mohair seals on all edges of moving panel.

### 11. Glazing Sealant:

- a) Face Vinyl - Extruded Polymers for Glazing, Inc. FC-120.
- b) Silicon Glazing Sealant : CR Laurence Category 33S.

### C. Product: SS300 Series In-Line Side-Slider - Manual Open/Self-Closing Window:

#### 1. Size:

- a) SS300-1 Unit Size: 50 inches wide x 38 inches high (1270 mm x 965 mm); Service Opening: 20-7/8 inches wide x 27-5/8 inches high (530 mm x 702 mm).
- b) SS300-2 Unit Size: 47-1/2 inches wide x 43-1/2 inches high (1207 mm x 1105mm); Service Opening: 19-5/8 inches wide x 33-1/8 inches high (499 mm x 841mm).



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- c) SS300-3 Unit Size: 47-1/2 inches x 36 inches high (1207 mm x 914 mm); Service Opening: 19-5/8 inches wide x 25-5/8 inches high (499 mm x 651 mm).
- d) SS300-4 Unit Size: 39 inches wide x 38 inches high (991 mm x 965 mm); Service Opening: 15-3/8 inches wide x 27-7/8 inches high (391mm x 708 mm).
- e) SS300-5 Unit Size: 39 inches wide x 45 inches high (991 mm x 1143 mm); Service Opening: 15-3/8 inches wide x 34-5/8 inches high (499 mm x 880 mm).
- f) SS300-6 Unit Size: 36 inches wide x 20 inches high (914 mm x 610 mm); Service Opening: 13-7/8 inches wide x 12-7/8 inches high (352 mm x 327 mm).
- g) SS300-C Unit Size: Custom \_\_\_\_\_ inches wide x \_\_\_\_\_ inches high.

2. Window Type: Side-sliding, one moving panel.

3. Window Operation: Manual open / Self-Closing Panel

4. Opening Direction (when viewed from outside): X is the moving panel

- a) OX, Right panel slides to left.
- b) XO, Left panel slides to right.

5. Frame: Extruded Aluminum.

6. Bottom Sill:

- a) Standard Sill, angled downwards towards exterior, integral window guide track.
- b) Standard Sill, angled downwards towards exterior, integral window guide track, stainless steel sill cover.
- c) Standard Sill, angled downwards towards exterior, integral window guide track, stainless steel cover.
- d) Low profile rectangular sill profile, window guide block at interlocker.

7. Header:

- a) Standard 7 inch (178 mm) header and mechanical compartment.

8. Hardware:





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- a) Handle: 7 inch (178 mm) Aluminum Handle Taymor Industries 25-4007.
- b) Security Lock: Automatic self-locking Adams Rite Deadlatch MS1848-11 with aluminum spring loaded thumb latch Adams-Rite 1000-21-23.
- c) Security Bar: Drop down aluminum lock bar.

9. Fasteners: Robertson Head zinc plated self-tapping machine screws and stainless steel rivets.

### 10. Glazing:

- a) 1/4 inch (6 mm) clear tempered glass.
- b) 1/4 inch (6 mm) tinted tempered glass, specified tint: \_\_\_\_\_.
- c) 1/4 inch (6 mm) laminated glass (1/8 - .030 - 1/8 inch make-up).
- d) 1/4 inch (6 mm) custom laminate glass, specified tint \_\_\_\_\_ or interlayer \_\_\_\_\_.
- e) 1 inch (25 mm) Insulated 1/8 - 3/4 - 1/8 inch (3-19-3 mm) clear tempered glass.
- f) 1 inch (25 mm) insulated glass custom make-up, specified glass type, thickness, tints and/or coatings \_\_\_\_\_.

### 11. Weatherproofing:

- a) Interlocking jambs between moving panel and frame.
- b) Interlocking jambs between moving panel and fixed panel.
- c) Double mohair seals on all edges of moving panel.

### 12. Glazing Sealant:

- a) Face Vinyl - Extruded Polymers for Glazing, Inc. FC-120.
- b) Silicon Glazing Sealant: CR Laurence Category 33S.

## **D.Product: W100 Series In-Line Side-Slider with Transom - Automatic Electric Open/Close Window:**

### 1. Unit Size:



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- a) W100-1 Unit Size: 50 inches wide x 54 inches high (1270 mm x 1372 mm); Slider unit 38 inches (965 mm) high; Transom 16 inches (406 mm) high; Service Opening: 20-7/8 inches wide x 27-5/8 inches high (530 mm x 702 mm).
- b) W100-2 Unit Size: 47-1/2 inches wide x 59-1/2 inches high (1207 mm x 1511 mm); Slider unit 43-1/2 inches high (1105 mm); Transom 16 inches (406 mm) high; Service Opening: 19-5/8 inches wide x 33-1/8 inches high (499 mm x 841 mm).
- c) W100-3 Unit Size: 47-1/2 inches wide x 52 inches high (1207 mm x 1321 mm), Slider unit 36 inches high (914 mm); Transom 16 inches (406 mm) high; Service Opening: 19-5/8 inches wide x 25-5/8 inches high (499 mm x 651 mm).
- d) W100-4 Unit Size: 39 inches wide x 54 inches high (991 mm x 1372 mm); Slider unit 38 inches high (965 mm); Transom 16 inches (406 mm) high; Service Opening: 15-3/8 inches wide x 27-7/8 inches high (391 mm x 708 mm).
- e) W100-5 Unit Size: 39 inches wide x 61 inches high (991 mm x 1549 mm), Slider unit 45 inches high (1143 mm); Transom 16 inches (406 mm) high; Service Opening: 15-3/8 inches wide x 34-5/8 inches high (499 mm x 880 mm).
- f) W100-C Unit Size: Custom \_\_\_\_\_ inches wide x \_\_\_\_\_ inches high; Slider \_\_\_\_\_ inches high; Transom \_\_\_\_\_ inches high. Note Slider height + Transom height must equal Unit height.

2. Window Type: Side-sliding, one moving panel.

3. Window Operation: Automatic electric motor driven open / close with optical sensor with three position logic lock. Fully automatic open/close, locked open, locked close.

4. Opening Direction (when viewed from outside): X is the moving panel

- a) OX, Right panel slides to left.
- b) XO, Left panel slides to right.

5. Frame: Extruded Aluminum.

6. Bottom Sill:



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- a) Standard Sill, angled downwards towards exterior, integral window guide track.
- b) Standard Sill, angled downwards towards exterior, integral window guide track, stainless steel sill cover.
- c) Standard Sill, angled downwards towards exterior, integral window guide track, stainless steel cover.
- d) Low profile rectangular sill profile, window guide block at interlocker.

### 7. Header:

- a) Standard 7 inch (178 mm) header and mechanical compartment.

### 8. Hardware:

- a) Security Bar: Drop down aluminum lock bar.

### 9. Fasteners: Robertson Head zinc plated self-tapping machine screws and stainless steel rivets.

### 10. Glazing:

- a) 1/4 inch (6 mm) clear tempered glass.
- b) 1/4 inch (6 mm) tinted tempered glass, specified tint: \_\_\_\_\_.
- c) 1/4 inch (6 mm) laminated glass (1/8 - .030 – 1/8 inch make-up).
- d) 1/4 inch (6 mm) custom laminate glass, specified tint \_\_\_\_\_ or interlayer \_\_\_\_\_.
- e) 1/4 inch (6 mm) Clear Lexan.
- f) 1 inch (25 mm) Insulated 1/8 - 3/4 - 1/8 inch (3-19-3 mm) clear tempered glass.
- g) 1 inch (25 mm) insulated glass custom make-up, specified glass type, thickness, tints and/or coatings \_\_\_\_\_.

### 11. Weatherproofing:

- a) Interlocking jambs between moving panel and frame.
- b) Interlocking jambs between moving panel and fixed panel.



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- c) Double mohair seals on all edges of moving panel.

### 12. Glazing Sealant:

- a) Face Vinyl - Extruded Polymers for Glazing, Inc. FC-120 Silicon.
- b) Glazing Sealant : CR Laurence Category 33S.

### 13. Electrical:

- a) 110-120V 60Hz 15A circuit.
- b) 220-240V 50/60Hz 15A circuit.

### E. Product: W200 Series In-Line Side-Slider with Transom - Manual Open/Manual Close Window:

#### 1. Size:

- a) W200-1 Unit Size: 50 inches wide x 54 inches high (1270 mm x 1372 mm); Slider unit 38 inches (965 mm) high; Transom 16 inches (406 mm) high; Service Opening: 20-7/8 inches wide x 27-5/8 inches high (530 mm x 702 mm).
- b) W200-2 Unit Size: 47-1/2 inches wide x 59-1/2 inches high (1207 mm x 1511 mm); Slider unit 43-1/2 inches high (1105mm); Transom 16 inches (406 mm) high; Service Opening: 19-5/8 inches wide x 33-1/8 inches high (499 mm x 841 mm).
- c) W200-3 Unit Size: 47-1/2 inches high x 52 inches high (1207mm x 1321 mm), Slider unit 36 inches high (914 mm); Transom 16 inches (406 mm) high; Service Opening: 19-5/8 inches wide x 25-5/8 inches high (499 mm x 651mm).
- d) W200-4 Unit Size: 39 inches wide x 54 inches high (991 mm x 1372 mm); Slider unit 38 inches high (965 mm); Transom 16 inches (406 mm) high; Service Opening: 15-3/8 inches wide x 27-7/8 inches high (391 mm x 708 mm).
- e) W200-5 Unit Size: 39 inches wide x 61 inches high (991 mm x 1549 mm), Slider unit 45 inches high (1143 mm); Transom 16 inches (406 mm) high; Service Opening: 15-3/8 inches wide x 34-5/8 inches high (499 mm x 880 mm).



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f) W200-C Unit Size: Custom \_\_\_\_\_ inches wide x \_\_\_\_\_ inches high; Slider \_\_\_\_\_ inches high; Transom \_\_\_\_\_ inches high. Note Slider height + Transom height must equal Unit height.

2. Window Type: Side-sliding, one moving panel.

3. Window Operation: Manual open, manual close.

4. Opening Direction (when viewed from outside): X is the moving panel

a) OX, Right panel slides to left.

b) XO, Left panel slides to right.

5. Frame: Extruded Aluminum.

6. Bottom Sill:

a) Standard Sill, angled downwards towards exterior, integral window guide track.

b) Standard Sill, angled downwards towards exterior, integral window guide track, stainless steel sill cover.

c) Standard Sill, angled downwards towards exterior, integral window guide track, stainless steel cover.

d) Low profile rectangular sill profile, window guide block at interlocker.

7. Header:

a) Standard 2 inch (51 mm) header and mechanical compartment.

8. Hardware:

a) Handle: 7 inch (178 mm) Aluminum Handle Taymor Industries 25-4007.

b) Security Lock: Automatic self locking Adams Rite Deadlatch MS1848-11 with aluminum spring loaded thumb latch Adams-Rite 1000-21-23.



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c) Security Bar: Drop down aluminum lock bar.

9. Fasteners: Robertson Head zinc plated self-tapping machine screws and stainless steel rivets.

### 10. Glazing:

- a) 1/4 inch (6 mm) clear tempered glass.
- b) 1/4 inch (6 mm) tinted tempered glass, specified tint: \_\_\_\_\_.
- c) 1/4 inch (6 mm) laminated glass (1/8 - .030 – 1/8 inch make-up).
- d) 1/4 inch (6 mm) custom laminate glass, specified tint \_\_\_\_\_ or interlayer \_\_\_\_\_.
- e) 1/4 inch (6 mm) Clear Lexan.
- f) 1 inch (25 mm) Insulated 1/8 - 3/4 - 1/8 inch (3-19-3 mm) clear tempered glass.
- g) 1 inch (25 mm) insulated glass custom make-up, specified glass type, thickness, tints and/or coatings \_\_\_\_\_.

### 11. Weatherproofing:

- a) Interlocking jambs between moving panel and frame.
- b) Interlocking jambs between moving panel and fixed panel.
- c) Double mohair seals on all edges of moving panel.

### 12. Glazing Sealant:

- a) Face Vinyl - Extruded Polymers for Glazing, Inc. FC-120.
- b) Silicon Glazing Sealant : CR Laurence Category 33S.

## F. Product: W300 Series In-Line Side-Slider with Transom - Manual Open / Self-Closing Panel:

### 1. Size:

- a) W300-1 Unit Size: 50 inches wide x 54 inches high (1270 mm x 1372 mm); Slider unit 38 inches (965 mm) high; Transom 16 inches (406 mm) high; Service Opening: 20-7/8 inches wide x 27-5/8 inches high (530 mm x 702 mm).



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- b) W300-2 Unit Size: 47-1/2 inches wide x 59-1/2 inches high (1207mm x 1511mm); Slider unit 43-1/2 inches high (1105 mm); Transom 16 inches (406 mm) high; Service Opening: 19-5/8 inches wide x 33-1/8 inches high (499 mm x 841 mm).
- c) W300-3 Unit Size: 47-1/2 inches high x 52 inches high (1207 mm x 1321 mm), Slider unit 36 inches high (914 mm); Transom 16 inches (406 mm) high; Service Opening: 19-5/8 inches wide x 25 5/8 inches high (499 mm x 651 mm).
- d) W300-4 Unit Size: 39 inches wide x 54 inches high (991 mm x 1372 mm); Slider unit 38 inches high (965 mm); Transom 16 inches (406 mm) high; Service Opening: 15-3/8 inches wide x 27-7/8 inches high (391 mm x 708 mm).
- e) W300-5 Unit Size: 39 inches wide x 61 inches high (991 mm x 1549 mm), Slider unit 45 inches high (1143 mm); Transom 16 inches (406 mm) high; Service Opening: 15-3/8 inches wide x 34-5/8 inches high (499 mm x 880 mm).
- f) W300-C Unit Size: Custom \_\_\_\_\_ inches wide x \_\_\_\_\_ inches high; Slider \_\_\_\_\_ inches high; Transom \_\_\_\_\_ inches high. Note Slider height + Transom height must equal Unit height.

### 2. Opening Direction (when viewed from outside):

- a) OX, Right to Left.
- b) XO, Left to Right.

### 3. Window Type: Side-sliding, one moving panel.

### 4. Window Operation: Manual open / Self-Closing Moving Panel

### 5. Frame: Extruded Aluminum.

### 6. Bottom Sill:

- a) Standard Sill, angled downwards towards exterior, integral window guide track.
- b) Standard Sill, angled downwards towards exterior, integral window guide track, stainless steel sill cover.
- c) Standard Sill, angled downwards towards exterior, integral window guide track, stainless steel cover.



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d) Low profile rectangular sill profile, window guide block at interlocker.

### 7. Header:

a) Standard 7 inch (178 mm) header and mechanical compartment.

### 8. Hardware:

a) Handle: 7 inch (178 mm) Aluminum Handle Taymor Industries 25-4007.

b) Security Lock: Automatic self locking Adams Rite Deadlatch MS1848-11 with aluminum spring loaded thumb latch Adams-Rite 1000-21-23.

c) Security Bar: Drop down aluminum lock bar.

9. Fasteners: Robertson Head zinc plated self-tapping machine screws and stainless steel rivets.

### 10. Glazing:

a) 1/4 inch (6 mm) clear tempered glass.

b) 1/4 inch (6 mm) tinted tempered glass, specified tint: \_\_\_\_\_.

c) 1/4 inch (6 mm) laminated glass (1/8 - .030 - 1/8 inch make-up).

d) 1/4 inch (6 mm) custom laminate glass, specified tint \_\_\_\_\_ or interlayer \_\_\_\_\_.

e) 1 inch (25 mm) Insulated 1/8 - 3/4 - 1/8 inch (3-19-3 mm) clear tempered glass.

f) 1 inch (25 mm) insulated glass custom make-up, specified glass type, thickness, tints and/or coatings \_\_\_\_\_.

### 11. Weatherproofing:

a) Interlocking jambs between moving panel and frame.

b) Interlocking jambs between moving panel and fixed panel.

c) Double mohair seals on all edges of moving panel.

### 12. Glazing Sealant:

a) Face Vinyl - Extruded Polymers for Glazing, Inc. FC-120.





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b) Silicon Glazing Sealant: CR Laurence Category 33S.

### G. Product: SB100 Series In-Line Bi-Parting Side-Slider Automatic Electric Open/Close Window:

#### 1. Size:

- a) SB100-1 Unit Size: 53-1/2 inches wide x 37-1/2 inches high (1359 mm x 953 mm); Service Opening: 22-1/4 inches wide x 27-5/8 inches high (565 mm x 702 mm).
- b) SB100-C Unit Size : \_\_\_\_\_ inches wide x \_\_\_\_\_ inches high.

2. Window Operation: Automatic electric motor driven open / close with optical sensor and three position logic lock. Fully automatic open/close, locked open, locked close.

3. Window Type: Bi-parting, Side-sliding, dual moving panels, linked operation.

4. Frame: Extruded Aluminum.

#### 5. Bottom Sill:

- a) Standard Sill, angled downwards towards exterior, integral window guide track.
- b) Standard Sill, angled downwards towards exterior, integral window guide track, stainless steel sill cover.
- c) Standard Sill, angled downwards towards exterior, integral window guide track, stainless steel cover.
- d) Low profile rectangular tube sill profile, window guide block at interlocker.

#### 6. Header:

- a) Standard 7 inch (178 mm) header and mechanical compartment.

#### 7. Hardware:

- a) Security Bar: Drop down aluminum lock bars.

8. Fasteners: Robertson Head zinc plated self-tapping machine screws and stainless steel rivets.



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### 9. Glazing:

- a) 1/4 inch (6 mm) clear tempered glass.
- b) 1/4 inch (6 mm) tinted tempered glass, specified tint: \_\_\_\_\_.
- c) 1/4 inch (6 mm) laminated glass (1/8 - .030 – 1/8 inch make-up).
- d) 1/4 inch (6 mm) custom laminate glass, specified tint \_\_\_\_\_ or interlayer \_\_\_\_\_.
- e) 1/4 inch (6 mm) Clear Lexan.
- f) 1 inch (25 mm) Insulated 1/8 - 3/4 - 1/8 inch (3-19-3 mm) clear tempered glass.
- g) 1 inch (25 mm) insulated glass custom make-up, specified glass type, thickness, tints and/or coatings \_\_\_\_\_.

### 10. Weatherproofing:

- a) Interlocking jambs between moving panel and frame.
- b) Interlocking jambs between moving panel and fixed panel.
- c) Double mohair seals on all edges of moving panel.

### 11. Glazing Sealant:

- a) Face Vinyl - Extruded Polymers for Glazing, Inc. FC-120.

### 12. Silicon Glazing Sealant: CR Laurence Category 33S.

### 13. Electrical:

- a) 110-120V 60Hz 15A circuit.
- b) 220-240V 50/60Hz 15A circuit.

### H. Product: SB200 Series In-Line Bi-Parting Side-Slider Manual Open/Close Window:



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### 1. Size:

- a) SB200-1 Unit Size: 53-1/2 inches wide x 37-1/2 inches high (1359 mm x 953 mm); Service Opening: 22-1/4 inches wide x 27-5/8 inches high (565 mm x 702 mm).
- b) SB200-C Unit Size : \_\_\_\_\_ inches wide x \_\_\_\_\_ inches high.

### 2. Window Operation: Manual open / close - Bi-parting.

### 3. Window Type: Side-sliding, two moving panels, linked operation.

### 4. Frame: Extruded Aluminum.

### 5. Bottom Sill:

- a) Standard Sill, angled downwards towards exterior, integral window guide track.
- b) Standard Sill, angled downwards towards exterior, integral window guide track, stainless steel sill cover.
- c) Standard Sill, angled downwards towards exterior, integral window guide track, stainless steel cover.
- d) Low profile rectangular sill profile, window guide block at interlocker.

### 6. Header:

- a) Standard 7 inch (178 mm) header and mechanical compartment.

### 7. Hardware:

- a) Handle: 7 inch (178 mm) Aluminum Handle Taymor Industries 25-4007.
- b) Security Lock: Automatic self locking Adams Rite Deadlatch MS1848-11 with aluminum spring loaded thumb latch Adams-Rite 1000-21-23.
- c) Security Bar: Drop down aluminum lock bar.

### 8. Fasteners: Robertson Head zinc plated self-tapping machine screws and stainless steel rivets.



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### 9. Glazing:

- a) 1/4 inch (6 mm) clear tempered glass.
- b) 1/4 inch (6 mm) tinted tempered glass, specified tint:\_\_\_\_\_.
- c) 1/4 inch (6 mm) laminated glass (1/8 - .030 – 1/8 inch make-up).
- d) 1/4 inch (6 mm) custom laminate glass, specified tint \_\_\_\_\_ or interlayer\_\_\_\_\_
- e) 1/4 inch (6 mm) Clear Lexan.
- f) 1 inch (25 mm) Insulated 1/8 - 3/4 -1/8 inch (3-19-3 mm) clear tempered glass.
- g) 1 inch (25 mm) insulated glass custom make-up, specified glass type, thickness, tints and/or coatings\_\_\_\_\_

### 10. Weatherproofing:

- a) Interlocking jambs between moving panel and frame.
- b) Interlocking jambs between moving panel and fixed panel.
- c) Double mohair seals on all edges of moving panel.

### 11. Glazing Sealant:

- a) Face Vinyl - Extruded Polymers for Glazing, Inc. FC-120.
- b) Silicon Glazing Sealant : CR Laurence Category 33S.

### I. **Product: SBT100 Series In-Line Bi-Parting Side-Slider Automatic Electric Open/Close Window with Transom:**

#### 1. Size:

- a) SBT100-1 Unit Size: 53-1/2 inches wide x 54 inches high (1359 mm x 1371 mm); Service Opening: 22-1/4 inches wide x 27-5/8 inches high (565 mm x 702 mm).
- b) SBT-C Unit Size : \_\_\_\_\_ inches wide x \_\_\_\_\_ inches high.



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2. Window Operation: Automatic electric motor driven open / close with optical sensor and three position logic lock. Fully automatic open/close, locked open, locked close.
  3. Window Type: Bi-parting, Side-sliding, dual moving panels, linked operation.
  4. Frame: Extruded Aluminum.
  5. Bottom Sill:
    - a) Standard Sill, angled downwards towards exterior, integral window guide track.
    - b) Standard Sill, angled downwards towards exterior, integral window guide track, stainless steel sill cover.
    - c) Standard Sill, angled downwards towards exterior, integral window guide track.
    - d) Standard Sill, angled downwards towards exterior, integral window guide track, stainless steel cover.
    - e) Low profile sill, rectangular tube profile, window guide block at interlocker.
  6. Header:
    - a) Standard 7 inch (178 mm) header and mechanical compartment.
  7. Hardware:
    - a) Security Bar: Drop down aluminum lock bars.
  8. Fasteners: Robertson Head zinc plated self-tapping machine screws and stainless steel rivets.
  9. Glazing:
    - a) 1 inch (25 mm) Insulated 1/8 - 3/4 -1/8 inch (3-19-3 mm) clear tempered glass.
    - b) 1 inch (25 mm) insulated glass custom make-up, specified glass type, thickness, tints and/or coatings\_\_\_\_\_.
  10. Weatherproofing:



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- a) Interlocking jambs between moving panel and frame.
- b) Interlocking jambs between moving panel and fixed panel.
- c) Double mohair seals on all edges of moving panel.

### 11. Glazing Sealant:

- a) Face Vinyl - Extruded Polymers for Glazing, Inc. FC-120.

### 12. Silicon Glazing Sealant : CR Laurence Category 33S.

### 13. Electrical:

- a) 110-120V 60Hz 15A circuit.
- b) 220-240V 50/60Hz 15A circuit.

### J. Product: SBT200 Series In-Line Bi-Parting Side-Slider Manual Open/Close Window with Transom:

#### 1. Size:

- a) SBT200-1 Unit Size: 53-1/2 inches wide x 54 inches high (1359 mm x 1371 mm); Service Opening: 22-1/4 inches wide x 27-5/8 inches high (565 mm x 702 mm).
- b) SBT-C Unit Size : \_\_\_\_\_ inches wide x \_\_\_\_\_ inches high.

#### 2. Window Operation: Manual Open / manual close

#### 3. Window Type: Bi-parting, Side-sliding, dual moving panels, linked operation.

#### 4. Frame: Extruded Aluminum.

#### 5. Bottom Sill:

- a) Standard Sill, angled downwards towards exterior, integral window guide track.
- b) Standard Sill, angled downwards towards exterior, integral window guide track, stainless steel sill cover.
- c) Standard Sill, angled downwards towards exterior, integral window guide track.



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- d) Standard Sill, angled downwards towards exterior, integral window guide track, stainless steel cover.
- e) Low profile sill, rectangular tube profile, window guide block at interlocker.

### 6. Header:

- a) Standard 7 inch (178 mm) header and mechanical compartment.

### 7. Hardware:

- a) Security Bar: Drop down aluminum lock bars.

### 8. Fasteners: Robertson Head zinc plated self-tapping machine screws and stainless steel rivets.

### 9. Glazing:

- a) 1 inch (25 mm) Insulated 1/8 - 3/4 -1/8 inch (3-19-3 mm) clear tempered glass.
- b) 1 inch (25 mm) insulated glass custom make-up, specified glass type, thickness, tints and/or coatings\_\_\_\_\_.

### 10. Weatherproofing:

- a) Interlocking jambs between moving panel and frame.
- b) Interlocking jambs between moving panel and fixed panel.
- c) Double mohair seals on all edges of moving panel.

### 11. Glazing Sealant:

- a) Face Vinyl - Extruded Polymers for Glazing, Inc. FC-120.

### 12. Silicon Glazing Sealant : CR Laurence Category 33S.

## 2.3 IN-LINE VERTICAL LIFT PASS-THRU WINDOWS

### K. Product: IL200 Series In-Line Vertical Lift Manual Open/Close Window:

#### 1. Size:

- a) IL200-1 Unit Size: 24 inches wide x 48 inches high (610 mm x 1220 mm); Service Opening: 20-1/2 inches wide x 18-5/8 inches high (521 mm x 473 mm).



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b) IL200-C Unit Size: \_\_\_\_\_ inches wide x \_\_\_\_\_ inches high.

2. Window Operation: Manual open / close.

3. Window Type: Vertical lift, one moving panel.

4. Frame: Extruded Aluminum.

5. Bottom Sill:

a) Rectangular aluminum tube, track free.

b) No Sill.

6. Hardware:

a) Security Lock: Spring loaded plunger lock.

7. Fasteners: Robertson Head zinc plated self-tapping machine screws and stainless steel rivets.

8. Handle: 3 inch (76 mm) formed aluminum handle.

9. Glazing:

a) 1/4 inch (6 mm) clear tempered glass.

b) 1/4 inch (6 mm) tinted tempered glass, specified tint: \_\_\_\_\_.

c) 1/4 inch (6 mm) laminated glass (1/8 - .030 – 1/8 inch make-up).

d) 1/4 inch (6 mm) custom laminate glass, specified tint \_\_\_\_\_ or interlayer \_\_\_\_\_.

e) 1/4 inch (6 mm) Clear Lexan.

10. Weatherproofing:

a) Mohair seals on all edges of moving panels.

11. Glazing Sealant:

a) Face Vinyl - Extruded Polymers for Glazing, 1nc. FC-120.

b) Silicon Glazing Sealant: CR Laurence Category 33S.

**L. Product: SUI100 Series In-Line Vertical Lift Automatic Electric Open/Close Window:**





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### 1. Size:

- a) SUI100-1 Unit Size: 24 inches wide x 48 inches high (610mm x 1220mm); Service Opening: 20 inches wide x 17 3/4 inches high (508 mm x 451 mm).
- b) SUI100-C Unit Size: \_\_\_\_\_ inches wide x \_\_\_\_\_ inches high.

2. Window Operation: Automatic electric motor driven open / close with optical sensor with three position logic lock. Fully automatic open/close, locked open, locked close.

3. Window Type: Vertical lift, one moving panel.

4. Frame: Extruded Aluminum.

### 5. Bottom Sill:

- a) Rectangular aluminum tube, track free.
- b) No Sill.

6. Fasteners: Robertson Head zinc plated self-tapping machine screws and stainless steel rivets.

### 7. Glazing:

- a) 1/4 inch (6 mm) clear tempered glass.
- b) 1/4 inch (6 mm) tinted tempered glass, specified tint: \_\_\_\_\_.
- c) 1/4 inch (6 mm) laminated glass (1/8 - .030 – 1/8 inch make-up).
- d) 1/4 inch (6 mm) custom laminate glass, specified tint \_\_\_\_\_ or interlayer \_\_\_\_\_
- e) 1/4 inch (6 mm) Clear Lexan.
- f) 1 inch (25 mm) Insulated 1/8 - 3/4 - 1/8 inch (3-19-3 mm) clear tempered glass.
- g) 1 inch (25 mm) insulated glass custom make-up, specified glass type, thickness, tints and/or coatings \_\_\_\_\_

### 8. Weatherproofing:

- a) Interlocking jambs between moving panel and frame.
- b) Interlocking jambs between moving panel and fixed panel.



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- c) Double mohair seals on all edges of moving panel.

### 9. Glazing Sealant:

- a) Face Vinyl - Extruded Polymers for Glazing, Inc. FC-120.

### 10. Silicon Glazing Sealant: CR Laurence Category 33S.

### 11. Electrical:

- a) 110-120V 60Hz 15A circuit.
- b) 220-240V 50/60Hz 15A circuit.

### **M. Product: SUI200 Series In-Line Vertical Lift Manual Open/Manual Close Window:**

#### 1. Size:

- a) SU200-1 Unit Size: 24 inches wide x 48 inches high (610 mm x 1220 mm); Service Opening: 20 inches wide x 19 3/8 inches high (508 mm x 492 mm).
- b) SUI200-C Unit Size: \_\_\_\_\_ inches wide x \_\_\_\_\_ inches high.

#### 2. Window Operation: Manual open, manual close.

#### 3. Frame: Extruded Aluminum.

#### 4. Bottom Sill:

- a) Rectangular aluminum tube, track free.
- b) No Sill.

#### 5. Hardware:

- a) Handle: 7 inch (178 mm) Aluminum Handle Taymor Industries 25-4007.

#### 6. Fasteners: Robertson Head zinc plated self-tapping machine screws and stainless steel rivets.

#### 7. Glazing:

- a) 1/4 inch (6 mm) clear tempered glass.
- b) 1/4 inch (6 mm) tinted tempered glass, specified tint: \_\_\_\_\_.



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- c) 1/4 inch (6 mm) laminated glass (1/8 - .030 – 1/8 inch make-up).
- d) 1/4 inch (6 mm) custom laminate glass, specified tint \_\_\_\_\_ or interlayer \_\_\_\_\_.
- e) 1/4 inch (6 mm) Clear Lexan.
- f) 1 inch (25 mm) Insulated 1/8 - 3/4 -1/8 inch (3-19-3 mm) clear tempered glass.
- g) 1 inch (25 mm) insulated glass custom make-up, specified glass type, thickness, tints and/or coatings \_\_\_\_\_.

### 8. Weatherproofing:

- a) Interlocking jambs between moving panel and frame.
- b) Interlocking jambs between moving panel and fixed panel.
- c) Double mohair seals on all edges of moving panel.

### 9. Glazing Sealant:

- a) Face Vinyl - Extruded Polymers for Glazing, Inc. FC-120.
- b) Silicon Glazing Sealant : CR Laurence Category 33S.

## 2.4 PROJECTED PASS-THRU WINDOWS

### N. Product: CSP200 Series Side Slider Manual Open/Close Window:

#### 1. Size:

- a) CSP200-1 Unit Size: 47-5/8 inches wide by 56-1/2 inches high Project 19 inches; Service Opening: 18 3/4 inches wide x 36-1/4 inches high (476 mm x 921mm).

#### 2. Window Type: Side-sliding, one moving panel.

#### 3. Window Operation: Manual open, manual close.

#### 4. Opening Direction (when viewed from outside): X is the moving panel

- a) OX, Right panel slides to left.
- b) XO, Left panel slides to right.



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5. Frame: Extruded Aluminum.
6. Hood: Sheet steel, powder coat to match window finish.
7. Bottom Sill:
- a) Integral stainless steel sill, window guide block at interlocker.
8. Hardware:
- a) Handle: 7 inch (178 mm) Aluminum Handle Taymor Industries 25-4007.
  - b) Security Lock: Automatic self locking Adams Rite Deadlatch MS1848-11 with aluminum spring loaded thumb latch Adams-Rite 1000-21-23.
  - c) Security Bar: Drop down aluminum lock bar.
9. Fasteners: Robertson Head zinc plated self-tapping machine screws and stainless steel rivets.
10. Glazing:
- a) 1/4 inch (6 mm) clear tempered glass.
  - b) 1/4 inch (6 mm) tinted tempered glass, specified tint: \_\_\_\_\_.
  - c) 1/4 inch (6 mm) laminated glass (1/8 - .030 – 1/8 inch make-up).
  - d) 1/4 inch (6 mm) custom laminate glass, specified tint \_\_\_\_\_ or interlayer \_\_\_\_\_.
  - e) 1/4 inch (6 mm) Clear Lexan.
  - f) 1 inch (25 mm) Insulated 1/8 - 3/4 - 1/8 inch (3-19-3 mm) clear tempered glass.
  - g) 1 inch (25 mm) insulated glass custom make-up, specified glass type, thickness, tints and/or coatings \_\_\_\_\_.
11. Weatherproofing:
- a) Interlocking jambs between moving panel and frame.
  - b) Interlocking jambs between moving panel and fixed panel.
  - c) Double mohair seals on all edges of moving panel.



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### 12. Glazing Sealant:

- a) Face Vinyl - Extruded Polymers for Glazing, Inc. FC-120.
- b) Silicon Glazing Sealant : CR Laurence Category 33S.

### O. Product: PSB100 Series Projected Bi-parting Automatic Electric Open/Close Window:

#### 1. Size:

- a) PSB100-1 Unit Size: 53-1/2 inches wide by 56-1/2 inches high, projected 19 inches (1359 mm x 1435 mm x 483 mm); Service Opening: 21 1/2 inches wide x 35 3/4 inches high (546 mm x 908 mm).

2. Window Operation: Automatic electric motor driven open / close with optical sensor with three position logic lock. Fully automatic open/close, locked open, locked close.

3. Window Type: Bi-parting, Side-sliding, dual moving panels, linked operation.

4. Frame: Extruded Aluminum.

5. Hood: Sheet steel, powder coat to match window finish.

#### 6. Bottom Sill:

- a) Integral stainless steel sill, window guide block at interlocker.

#### 7. Hardware:

- a) Handle: 7 inch (178 mm) Aluminum Handle Taymor Industries 25-4007.
- b) Security Lock: Automatic self-locking Adams Rite Deadlatch MS1848-11 with aluminum spring loaded thumb latch Adams-Rite 1000-21-23.
- c) Security Bar: Drop down aluminum lock bar.

8. Fasteners: Robertson Head zinc plated self-tapping machine screws and stainless steel rivets.

#### 9. Glazing:

- a) 1/4 inch (6 mm) clear tempered glass.



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- b) 1/4 inch (6 mm) tinted tempered glass, specified tint: \_\_\_\_\_.
- c) 1/4 inch (6 mm) laminated glass (1/8 - .030 – 1/8 inch make-up).
- d) 1/4 inch (6 mm) custom laminate glass, specified tint \_\_\_\_\_ or interlayer \_\_\_\_\_.
- e) 1/4 inch (6 mm) Clear Lexan.
- f) 1 inch (25 mm) Insulated 1/8 - 3/4 -1/8 inch (3-19-3 mm) clear tempered glass.
- g) 1 inch (25 mm) insulated glass custom make-up, specified glass type, thickness, tints and/or coatings \_\_\_\_\_.

### 10. Weatherproofing:

- a) Interlocking jambs between moving panel and frame.
- b) Interlocking jambs between moving panel and fixed panel.
- c) Double mohair seals on all edges of moving panel.

### 11. Glazing Sealant:

- a) Face Vinyl - Extruded Polymers for Glazing, Inc. FC-120.
- b) Silicon Glazing Sealant : CR Laurence Category 33S.

### 12. Electrical:

- a) 110-120V 60Hz 15A circuit.
- b) 220-240V 50/60Hz 15A circuit.

### P. Product: PSB200 Series Side Slider Manual Open/Close Window:

#### 1. Size:

- a) PSB200-1 Unit Size: 53-1/2 inches wide by 56-1/2 inches high, projected 19 inches (1359 mm x 1435 mm x 483 mm); Service Opening: 21 1/2 inches wide x 35 3/4 inches high (546 mm x 908 mm).

2. Window Type: Bi-parting, Side-sliding, dual moving panels, linked operation.

3. Window Operation: Manual open, manual close.



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4. Frame: Extruded Aluminum.
  5. Hood: Sheet steel, powder coat to match window finish.
  6. Bottom Sill:
    - a) Integral stainless steel sill, window guide block at interlocker.
  7. Hardware:
    - a) Handle: 7 inch (178 mm) Aluminum Handle Taymor Industries 25-4007.
    - b) Security Lock: Automatic self locking Adams Rite Deadlatch MS1848-11 with aluminum spring loaded thumb latch Adams-Rite 1000-21-23.
    - c) Security Bar: Drop down aluminum lock bar.
  8. Fasteners: Robertson Head zinc plated self-tapping machine screws and stainless steel rivets.
  9. Glazing:
    - a) 1/4 inch (6 mm) clear tempered glass.
    - b) 1/4 inch (6 mm) tinted tempered glass, specified tint: \_\_\_\_\_.
    - c) 1/4 inch (6 mm) laminated glass (1/8 - .030 – 1/8 inch make-up).
    - d) 1/4 inch (6 mm) custom laminate glass, specified tint \_\_\_\_\_ or interlayer \_\_\_\_\_.
    - e) 1/4 inch (6 mm) Clear Lexan.
    - f) 1 inch (25 mm) Insulated 1/8 - 3/4 - 1/8 inch (3-19-3 mm) clear tempered glass.
    - g) 1 inch (25 mm) insulated glass custom make-up, specified glass type, thickness, tints and/or coatings \_\_\_\_\_.
  10. Weatherproofing:
    - a) Interlocking jambs between moving panel and frame.
    - b) Interlocking jambs between moving panel and fixed panel.
    - c) Double mohair seals on all edges of moving panel.



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### 11. Glazing Sealant:

- d) Face Vinyl - Extruded Polymers for Glazing, Inc. FC-120.
- e) Silicon Glazing Sealant : CR Laurence Category 33S.

## 2.5 OVERSIZED VERTICAL LIFT PASS-THRU WINDOWS

### Q. Product: PAND200-C Drop-down Vertical Lift Window:

#### 1. Size:

- a) PAND-200C Nominal Unit Size: \_\_\_\_\_ inches wide x \_\_\_\_\_ inches high.

2. Window Operation: Manual Open/Close. Moving panels shall be counterbalanced and guided with UHMW blocks.

3. Window Type: Vertical lift, upper panel drop down, bottom panel fixed.

4. Frame: Extruded Aluminum.

#### 5. Hardware:

- a) Security Lock: Spring loaded plunger lock.

6. Fasteners: Robertson Head zinc plated self-tapping machine screws and stainless steel rivets.

7. Handle: 3 inch (76 mm) formed aluminum handle.

#### 8. Glazing:

- a) 1 inch (25 mm) insulated tempered glass unit. Constructed with 1/8 inch (3 mm) tempered glass each side with sealed air space.
- b) Appearance: Clear glass unit.
- c) Appearance: Tinted glass unit.
- d) Provide Low-E coating.

#### 9. Weatherproofing:

- a) Windows shall be weatherproof and built with interlocking jambs and sills.





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### R. Product: PANU200-C Lift Up Vertical Lift Window:

1. Size:

a) PANU-200C Nominal Unit Size: \_\_\_\_\_ inches wide x \_\_\_\_\_ inches high.

2. Window Operation: Manual Open/Close. Moving panels shall be counterbalanced and guided with UHMW blocks.

3. Window Type: Vertical lift, bottom panel lift up, upper panel fixed.

4. Frame: Extruded Aluminum.

5. Hardware:

a) Security Lock: Spring loaded plunger lock.

6. Fasteners: Robertson Head zinc plated self-tapping machine screws and stainless steel rivets.

7. Handle: 3 inch (76 mm) formed aluminum handle.

8. Glazing:

a) 1 inch (25 mm) insulated tempered glass unit. Constructed with 1/8 inch (3 mm) tempered glass each side with sealed air space.

1) Appearance: Clear glass unit.

2) Appearance: Tinted glass unit.

3) Provide Low-E coating.

9. Weatherproofing:

a) Windows shall be weatherproof and built with interlocking jambs and sills

### 2.6: FINISH

A. Anodized:

a) Clear Anodized, AA-M10-C22-A31 Class II.

b) Statuary Dark Bronze, AA-M10-C22-A34 Class II.



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c) Black Anodized, AA-M10-C22-A34 Class II.

B. Custom Color:

C. Powder Coat Painted: Sherwin Williams POWDURA Polyester TGIC Powder Coating or equivalent.

D. Baked Enamel System – 2 Stage Duranar.

a) High Performance Baked Enamel.

b) \*\* NOTE TO SPECIFIER \*\* Insert specified color, or remove if color is to be selected.

c) Specified custom color by RAL number - \_\_\_\_\_ or provide color sample to match.

### 3.0: 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.
- B. If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.

#### 3.2: PREPARATION

- A. Clean surfaces thoroughly prior to installation.
- B. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.
- C. Ensure openings to receive pass thru windows are plumb, level, square, accurately aligned, correctly located and within manufacturer's tolerances.

#### 3.3: INSTALLATION

- A. Install all products in this section in accordance with manufacturer's instructions.
- B. Install windows plumb, level, square, true to line, and without warp or rack.



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- C. Anchor windows securely in place to supports. Use attachment methods permitting adjustment for construction tolerances, irregularities, alignment, expansion and contraction.
- D. Separate aluminum from other metal surfaces using bituminous coatings or other means approved by Architect.
- E. Install metal flashings as specified in Section 07620.
- F. Install joint sealers as specified in Section 07920.
- G. Connect electrical power as specified in Section 16100.

### 3.4: ADJUSTING

- A. Adjust moving panels to be weathertight in closed position.
- B. Adjust moving panels hardware to function properly for smooth operation without binding

### 3.5: CLEANING

- A. Clean units and remove all excess joint sealers before project closeout using cleaning agents and methods approved by the manufacturer.

### 3.6: PROTECTION

- A. Protect installed products until completion of project.
- B. Touch-up, repair or replace damaged products before Substantial Completion.

**END OF SECTION**