

**ALUMINUM FRAMED
BI-FOLD SERVICE WINDOW**

SECTION 08 5680

PART 1 – GENERAL

1.01 SUMMARY

- A. This section includes:
 - 1. Aluminum, heavy-duty commercial Bi-fold Service Windows as indicated in drawings and in sections.

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 windows crated to provide protection during transit and job storage
- B. Inspect windows 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 windows 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.

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SECTION 08 5680

PART 2 - PRODUCTS

2.01 ACCEPTABLE MANUFACTURER'S

- A. Basis of design: Design is based on (BFW) Series, manual Aluminum Framed Bi-fold Service Window manufactured by:

**C.R. Laurence Co., Inc. (CRL)
(800) 421-6144
www.crlaurence.com**

2.02 MATERIALS

- A. Frames: Aluminum frame modules shall be constructed of 6063-T5 extruded aluminum. Replacement and servicing of glass shall be from the clerk side of the window and does not require the removal of the overall frame from the opening. The assembly consists of (2) swinging window panels, opening outward from the center. Window pivots on top and bottom heavy-duty sealed ball bearings. Poly-pile weather stripping and burglar bar. Overall frame sizes are to be in accordance with the contract drawings.
- B. Sizes: Stock frame sizes are: 24"W x 38-1/2"H Flush mount model (BFW1)
27-3/4"W x 40"H Projected model (BFW2)
- C. Finish: All aluminum to be clear anodized, duranodic bronze, powder or Kynar painted (*specify color*).
- D. Glazing: The glazing is 1/4" in thickness. Options include tempered, wire, laminated, and tinted glass (*specify type of glazing material desired*).
- E. Options: Stainless steel shelf, slide locks, and custom sizes (*specify desired options*).

PART 3 – EXECUTION

3.01 INSTALLATION

- A. Install window 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.

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SECTION 08 5680

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