**PART 1-GENERAL**

**1.01 SUMMARY**

 A. This section includes:

 1. Aluminum, heavy-duty commercial sliding service windows as indicated in the drawings and in sections.

**1.02 SUBMITTALS**

 A. Product Data: Submit Manufacturer’s technical product data substantiating that the products comply.

 B. Shop drawings: Submit for fabrication and installation of windows. Include details, elevations and installation requirement of finish hardware and cleaning procedures.

 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. Contractor and the DSA Project Inspector will inspect upon delivery for damage. Unless minor defects can be made to meet the Architect’s satisfaction and project specification, damaged parts should be removed and replaced before installation.

**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 date of substantial completion.

**PART 2-PRODUCTS**

**2.01 ACCEPTABLE MANUFACTURER’S**

 A. Basis of design: Design is based on aluminum (DW) series, deluxe sliding service window manufactured by **C.R. Laurence Co., Inc. (800) 421-6144**

**2.02 MATERIALS**

 A. Frames: 4” Aluminum frame modules shall be constructed of 6063-T5 extruded aluminum. Replacement and servicing of glass shall be from the clerk/in side of the window by means of an access panel in the top header and does not require the removal of the frame from the opening. Window glides on the top-hung heavy-duty ball bearing slides. Poly-pile weather stripping and self-latching handle. Overall frame sizes are to be in accordance with the contract documents.

 B. Finish: All aluminum to be clear anodized.

 C. Glazing: The glazing is ¼” in thickness. Options-tempered or laminated glazing. No Wire Glass.

 D. Options: With burglar bar.

**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 and owner) 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.

**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 substantial completion.

**END OF SECTION**