## PART 1 - GENERAL

### 1.01 SECTION INCLUDES

A. Factory assembled low-maintenance PVC double hung sash kits, operable hardware, weatherstripping, insect screen, and [grilles].
B. Anchorages, attachments, and accessories.

### 1.02 RELATED SECTIONS

A. Section 01340 - Shop Drawings, Product Data, and Samples.
B. Section 01610 - Delivery, Storage, and Handling.
C. Section 01710 - Final Cleaning.
D. Section 07200 - Batt and Blanket Insulation.
E. Section 07920 - Sealants and Caulking.
F. Section 08800 - Glass and Glazing.

### 1.03 REFERENCES

A. NATIONAL WOOD WINDOW AND DOOR ASSOCIATION (NWWDA):
   1. AAMA / NWWDA 101-I.S.2 - 97 Voluntary Specifications for Aluminum, Vinyl (PVC) and Wood Windows and Glass Doors.
   2. NWWDA I.S-4-81 - Industry Standard for Water-Repellent Preservative Treatment for Millwork
B. AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI).

### 1.05 SUBMITTALS

A. Shop drawings shall be submitted in accordance with Section 01340.
B. Product data in the form of general catalogs, test lab reports, product performance, and warranty information shall be submitted in accordance with Section 01340.
C. Samples showing glazing, quality of construction, and finish shall be submitted in accordance with Section 01340.

### 1.06 DELIVERY, STORAGE, AND HANDLING

A. In compliance with Section 01610, window units shall be delivered undamaged and with protective packaging. Complete installation and finishing instructions shall be included.
B. Store units in a clean, dry place off the ground in an upright position.

## PART 2 - PRODUCTS

### 2.01 MANUFACTURER

A. Legend Series Double Hung Sash Kits as manufactured by Windsor Windows & Doors.

### 2.02 MATERIALS

A. Sash: Shall be low-maintenance cellular PVC material, with a sash thickness of 1 3/8". Sash corners shall be mortised and tenoned, and fastened with screws. Both the upper and lower sash shall be tilt-removable from the inside. Top and bottom rails utilize a full width finger pull to allow sash to easily operate without the use of additional hardware. No finger pull on the bottom rail is standard for DP Upgrade units and optional for standard units. Rails shall be reinforced with extruded aluminum. Stiles are also reinforced when DP Upgrade.

B. Finish: Shall be one coat latex redi-finish topcoat applied to exterior surfaces only of the frame and interior and exterior surfaces of the sash. This finish can be left as-is or repainted if other color is desired.

C. Glazing: Shall be 3/4" double pane LoE 366 insulating glass as standard, glazed with a full perimeter bead of silicone to the interior. Glass held in place with exterior cellular PVC stops. A wide array of other glass options is offered including clear, tinted, tempered, and obscure. Cardinal's Preserve™ option is available on all LoE 366 glass. It is a removable, factory-applied protective film adhered to both interior and exterior surfaces of the glass.

D. Weatherstripping: Shall be a closed foam bulb weatherstrip installed at head, check rail, and sill. Jambliner provides a tight seal at the stiles.

E. Hardware: Extruded vinyl jambliner with dual hinged leaf compression legs; white jambliner and parting stop are standard. Balance system consists of a block and tackle with a locking shoe that allows for easy cleaning and removal; where required by sash weight a double spring balance will be substituted. Surface mounted cam action sash lock, keeper and tilt latches with baked on white enamel finish. One lock is used on unit widths 20" and below. Two locks are used on unit widths of 24" on up.

F. Screens: Shall be fiberglass screen set in painted aluminum frame. BetterVue™ Sreen option is available. Screens are full height of opening. Screens available in white, bronze, tan, ivory, hunter green, cinnamon, or black. The screen is intended to allow air and light in and keep insects out. The screen is not intended to stop children, adults or animals from falling out an open window.

G. Grilles: (Extra when specified) White, cinnamon, bronze, tan, ivory, hunter green, or black aluminum inner grilles (in air space) are available in 13/16" flat, 3/4" profiled or 1" profiled. Two-toned inner grilles **(¾" profiled only)** are available with a white interior, and a bronze, green, tan, ivory, or black exterior. Windsorlite (WDL) simulates true divided lite, but is created by adhesively fixing cellular PVC exterior and interior bars to the surfaces of the insulated glass. WDL is available in 5/8" Putty, 7/8" Putty, 7/8" Windsorlite, and 1 1/4" Windsorlite widths. Available in white color only. Also available with or without inner bar between the glass.

## PART 3 – EXECUTION

### 3.01 EXAMINATION

A. Verify that there is no visible damage to the unit before installation.

### 3.02 INSTALLATION

A. Verify the rough opening is of the recommended size and that it is plumb, level, and square.
B. Install the window unit in accordance with the manufacturer's recommendations.
C. Install sealant, backing material, and insulation around opening perimeter in accordance with Section 07900 and Section 07920.

### 3.03 ADJUSTMENT AND CLEANING

A. Operate unit and verify that all hardware operates freely. Make any adjustments necessary.
B. Cover the window unit to avoid damage due to spray paint, plaster, and other construction operations.
C. Remove all visible labels and instructions.
D. Final cleaning of glass in accordance of Section 01