





*Department of Housing*



*Owner Occupied and Scattered Site Rehabilitation Programs*

Addendum #1– Attachment 1

“Section 08 50 00 – Windows”

SECTION 08 50 00

WINDOWS

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Awning Window Units.
- B. Casement Window Units.
- C. Double-Hung Window Units.
- D. Fixed Window Units.
- E. Related Accessories.

1.2 REFERENCES

- A. American Architectural Manufacturers Association (AAMA).
- B. American National Standards Institute (ANSI/ASSE).
- C. ASTM International (ASTM).
- D. Insulating Glass Certification Council (IGCC).
- E. Occupational Safety and Health Administration (OSHA).
- F. Underwriters Laboratories (UL).
- G. Window and Door Manufacturers of America (WDMA).

1.1 SUBMITTALS

- A. Submit under provisions of Section 01 33 00.
- B. Manufacturer's data sheets on each product to be used, including:
  - 1. Material descriptions, dimensions, and profiles.
  - 2. Preparation instructions and recommendations.
  - 3. Storage and handling requirements and recommendations.
  - 4. Installation methods.
- C. Submit Material Safety Data Sheets (MSDS) prior to commencement of work for review and for filing at job site as required.
- D. Selection Samples: For each finish product specified, a complete set of color chips representing manufacturer's full range of available colors.
- E. Hardware Selection: Submit complete descriptive literature, including finishes, for each type of new door hardware and accessory.

- H. Operation and Maintenance Data: Include methods for maintaining installed products and precautions against cleaning materials and methods detrimental to finishes and performance.

#### 1.1 DELIVERY, STORAGE, AND HANDLING

- A. Deliver windows, materials and components in Manufacturer's original, unopened, undamaged containers with identification labels intact.
- B. Store window units as recommended by Manufacturer.

#### 1.1 WARRANTY

- A. Provide Manufacturer's standard warranty.

### PART 2 PRODUCTS

#### 1.2 MANUFACTURERS

- A. Acceptable Manufacturers: Subject to compliance with requirements, available manufactures offering products that may incorporated into the Work include the following:
  - 1. Marvin Windows and Doors – Wood Ultimate Double Hung Collection
- B. Substitutions: or equal.
- C. Requests for substitutions will be considered in accordance with Section 01 33 00.
  - 1. When submitting request for substitution, provide complete product data and MSDS sheet for each substitute product.

#### 2.1 WINDOW UNITS

- A. Frame: Match existing materials and finishes.
- B. Sash: Match existing materials and finishes.
- C. Exterior Trim: Match existing materials.
- D. Factory Applied Extension Jambs: Provide on four sides of frame interior, if required to match existing installation.
- E. Weatherstripping: Match existing materials.
- F. Hardware: Match existing materials.
- G. Glazing: Match existing type and coating.
  - 1. Tempered insulating glass units certified through the Insulating Glass Certification Council as conforming to the requirements of IGCC. Provide dual sealed units consisting of polyisobutylene primary seal and silicone secondary seal. Provide metal spacers with bent or soldered corners.
- H. Finish: Match existing finish and color, as approved by Owner.

#### 2.2 WINDOW ACCESSORIES

- A. Insect Screens: Match existing materials, if required.
- B. Grilles: Match existing materials.
- C. Flashing: Match existing materials, or as per Manufacturer recommendations.
- D. Sealants: Provide manufacturer recommended sealants maintain watertight conditions.

### PART 3 EXECUTION

#### 3.1 PREPERATION

- A. Inspect rough opening for compliance with window manufacturer recommendations. Verify rough opening conditions are within recommended tolerances.

#### 3.2 INSTALLATION

- A. Install window unit assembly per Manufacturer's instructions.
  - 1. Install window unit level and plumb. Center window unit in opening and secure window unit by nailing through nail fin and screw through jambs as indicated in manufacturer's instructions.
  - 2. Apply sealant around perimeter of window unit between nail fin and exterior sheathing of wall.
  - 3. Flash window in accordance with AAMA's "Standard Practice for Installation of Windows with a Mounting Flange in Stud Frame Construction".
  - 4. Insulate between window frame and rough opening with insulation type that complies with Manufacturer's recommendation.
  - 5. Refer to, and comply with, additional requirements in manufacturer's installation guides for all applied finishes.
  - 6. Clean units using cleaning material and methods specifically recommended by window manufacturer.
  - 7. Install optional hardware and unit accessories after cleaning.
  - 8. Adjust hardware and accessories for smooth operation and per the approval of Owner.

END OF SECTION