SECTION 08550CP -- WOOD WINDOWS

PART 1 - GENERAL

1.01 This section includes wood hung, casement, awning, dormer and basement windows.

1.02 Wood windows shall be used for restoration and custom-made replacement sashes.

1.03 All hung and projected windows require air infiltration, water resistance, uniform load structural, condensation resistance, and thermal transmittance tests.

1.04 Contractor shall submit shop drawings, finish samples, test reports, and warranties.

1.05 Samples shall be required to show fabrication techniques, workmanship, and design of hardware and accessories.

1.06 For wood window restorations mockups are required for each type of repair system specified, to demonstrate materials, methods and finished product.

1.07 The contractor shall warranty the work for a period of two (2) years from the date of acceptance by the Owner.

1.08 Defective repairs including uncured or improperly installed epoxy repairs, or millwork not properly matched to historic materials shall be removed and replaced by the contractor at no expense to the owner.

1.09 RELATED WORK

A. Section 00100 General Conditions for as-built samples

PART 2 - PRODUCTS

2.01 Windows shall be single hung.

2.02 All muntins shall be true divided light.

2.03 Renovated and historic buildings shall use appropriate hardware to match original.

2.04 Minimal hardware is the goal.

2.05 Rabbet finger pulls shall be used over pull handles or match existing.

2.06 Casement and awning windows shall be avoided in dormitories.
2.07 A jamb liner with block and tackle balance shall be used in non-historic buildings.

2.08 Catch locks that spring clear of the upper sash are required over traditional cam locks.

2.09 Weights and chains shall be considered for historic windows.

2.10 In historically significant buildings any rope attached to window weights shall be replaced with brass chains.

2.11 Mahogany shall be used for replacement windows.

2.12 No finger joints are allowed.

PART 3 - EXECUTION

3.01 All unused cavities around frames and rough openings shall be insulated with sprayable closed cell foam Icynene or approved equal.

3.02 Entire window opening and sash shall receive new interlocking weather-seals.

3.03 In historic buildings with counterweights it shall be ensured that the weights are sufficient to properly counter the weight of the new sash. Proper balancing shall be demonstrated.

END OF SECTION