SECTION 06900CPPR WOOD & PLASTIC RESTORATION

PART 1 - GENERAL

1.01 This section shall include performance level standards for materials and procedures of restoration, repair and cleaning.

1.02 A cost and time evaluation by a Brown University Project Manager shall determine when to repair or replace. The percentage of material to be restored and the historical nature of the building shall also be considered at this time.

1.03 The general rule shall be replace. Only a small sill repair or historically significant work shall be repaired with a Brown University Project Manager’s approval.

1.04 All areas not to be replaced and not acceptable for smooth paint coatings because of rot, checks, cracks, chips and weathering are to be repaired in accordance with this section and reference to the exterior painting section.

1.05 RELATED WORK

A. Section 00100 General Conditions for as-built samples

PART 2 - PRODUCTS

2.01 Advance Repair Technology “Primatrate” epoxy primer and “Flex-Tec HV” epoxy shall be used because it is a flexible epoxy that acts more like wood. Other acceptable manufacturers include the following:

ABATRON
REPAIR CARE
WEST SYSTEM

2.02 PAINT STRIPPERS

A. ProSoCo Inc. Enviro Strip #3 or approved equal shall be used.

B. Chemical stripping agent shall be compatible with the primary epoxy repair system, and shall provide a completely neutralized condition suitable for the epoxy repair system.

C. Long period soaking in stripping agent shall be avoided.

2.03 Dutchman or solid wood fill for exterior or opaque finished repairs shall be compatible with existing wood system so they receive the coating in the same manner.
PART 3 - EXECUTION

3.01 PREPARATION

A. Remove unsound, rotted or rotting wood to a clean, clear, sound substrate.

B. Epoxy consolidation of rotting, punky or otherwise unsound wood shall not be allowed.

END OF SECTION