

Section 3 Date: October 5, 2005

Glazing muntin in the roof and wall are largely sound, but the exterior portion that is exposed between the glass is eroded due to weathering. The pointing and glazing of section 2 was difficult due to the low profile and irregular shape of the weathered muntin.

Context

Build up using epoxy resulted in improved but irregular brittle support for glazing points and putty.

Initial observations

The shoulders of the glazing muntin are generally uniform and sound due to the cover of glass and caulking. If the weathered nosing is removed, the remaining body of the glazing strip can be built up with new material.

Proposed practice

Some of the wood muntins will be modified to allow new material to be laminated onto to original cypress muntin

Results from third section

Yellow cedar strips fabricated on site, are applied to the cypress base to build up the profile to original dimensions. The use of Titebond III adhesive with stainless brad nails creates a permanent lamination. The rehabbed muntins provide reinforced strength, full depth of relief for putty application, and a strong, straight line for the very prominent projection of the muntin between rows of glass.



Recommended practice

Based on a dramatic improvement in glazing, we will set up to remove and replace muntin nosing through out the balance of the project. Deteriorated condition of about 20% of original material will necessitate complete replacement.

Conservation practice

Most of the wood original fabric will be preserved and with uniform glazing, be protected from exposure to rain for years to come.



Project priorities

Effort is being made to conserve as much of the wooden fabric as possible. This modification will be applied to the curved eave muntins using steam bent pieces. The over all result is greatly reduced replacement.



Future caretaking

The most critical factor to the maintenance of the exposed wood and glazing putty is maintenance of the paint finish. Seasonal inspection and spot repairs will support a bi-annual re-coating of exterior wood surfaces.

