



The University of Iowa President's Residence

The University of Iowa President's Residence stands on a bluff overlooking the Iowa River. This neo-Georgian home was completed in 1909. The original home contained 16 rooms and four bathrooms. The house now offers over 12,000 square feet of living area.

Over 100 University functions are held in the house each year. While the President's Residence has retained its overall original design, several renovation projects have occurred since the original construction in 1908.

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View of the beginning of the work to be done on the President's Residence. Some of the windows have been removed and boarded up to keep out the elements during the renovation.



Completed work on the President's Residence. This beautiful structure has been enhanced by all the work done on it and remains a stable reminder of the rich history of this Iowa school.

Project Details

There were a number of different elements that we provided for this renovation, including 43 energy-efficient double-hung windows with low-E insulated glass and divided lites fabricated from African mahogany, quarter circle windows, entry doors, interior doors, and brickmould.



Existing Quarter Round Window

The next photos will highlight the process on recreating the quarter round windows located on the back side of the house. We measured and duplicated the shape of the window to create the sash.

Adams improved the efficiency of these windows by using insulated glass in the fabrication process. These two windows include insulated glass with spacers where the muntin bars are placed. It is imperative that the interior spacers are accurately aligned to match the muntin bar

placement that we designed to match the existing windows.



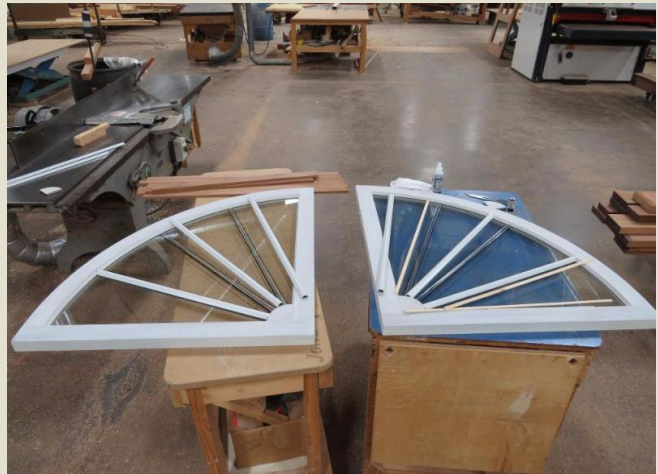
Assembling the Frame



Completed Frame of the Quarter Round Window (left)



Construction of the Window with Spacers Visible



Placing Muntin Bars



View of the Quarter Round Windows from the Interior



View of the Residence Facing the Iowa River

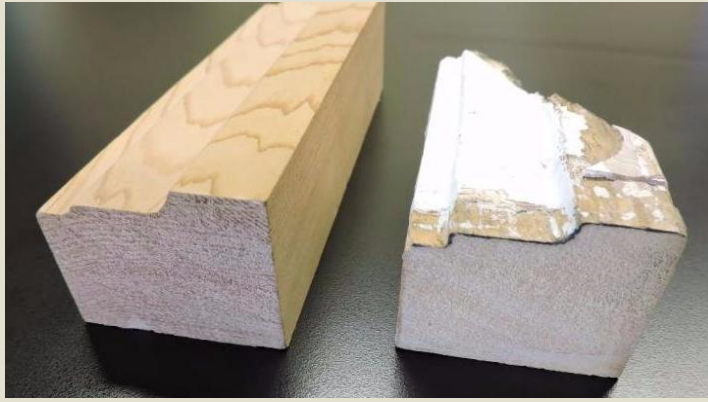


One of the entrance doors that includes a mail slot was another component of this project. The far right image shows the machining for commercial hardware that we completed on our CNC machine.

The architectural details are part of the charm within any historic building and we are happy to report that the President's Residence is no different. These are the lifts on the double hung sash. This detail is carried through on interior doors as well.



(Left) Existing window on front of residence; (Right) New windows that will provide more efficiency while still maintaining a consistent look similar to the original windows.



In addition to windows being replaced, the brickmould throughout the house was showing signs of its age. We were able to replicate the existing brickmould profile and supply it for all windows in the President's Residence manufactured from Cedar.

This is not the first time we have worked on the President's Residence. In 2004, we provided the windows for the west porch, pictured below.



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