



Historic Home Renovation

Adams Architectural was requested to build historically accurate sash for an historic home renovation.

The homeowner wanted to keep the same look as the original windows, but wanted the efficiency of insulated glass. To preserve the same look as the original, we had to fabricate a thicker window sash to maintain the same depth of the muntin bar.



Before photo, showing original windows.

Window/Project Details

- New 2-1/4" thick sash (standard sash thickness is 1-3/8" or 1-3/4")

- Windows fabricated from Vertical Grain Douglas Fir
- Insulated glass with restoration glass
- Simulated divided lite muntin bars to match the profiles and design of the original windows
- Over 40 windows were replaced



A closer view of the existing windows.

Original Windows

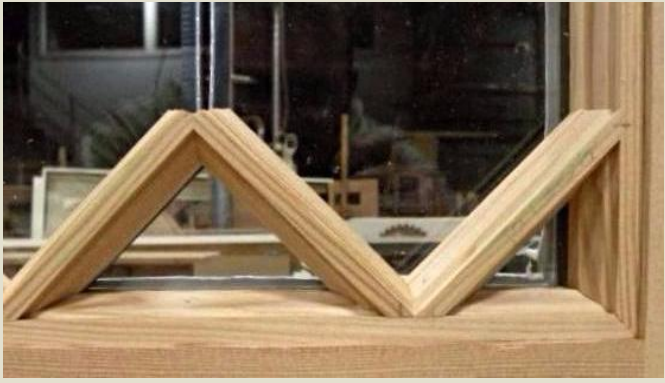
The original windows were in decent condition. The frames of the windows were in great shape and salvageable. Originally, the windows were constructed with a single pane of glass and true-divided lites. The house also had storm windows that protected them from the elements and were a main component in why the original windows were found to be in such good condition.



Installing the Glass into the Window Sash

It took a great deal of experience and patience to cope and mitre the simulated divided lite muntin bars at several different angles to make them fit properly. Our craftsmen did a great job as seen in the images below which document the progress.





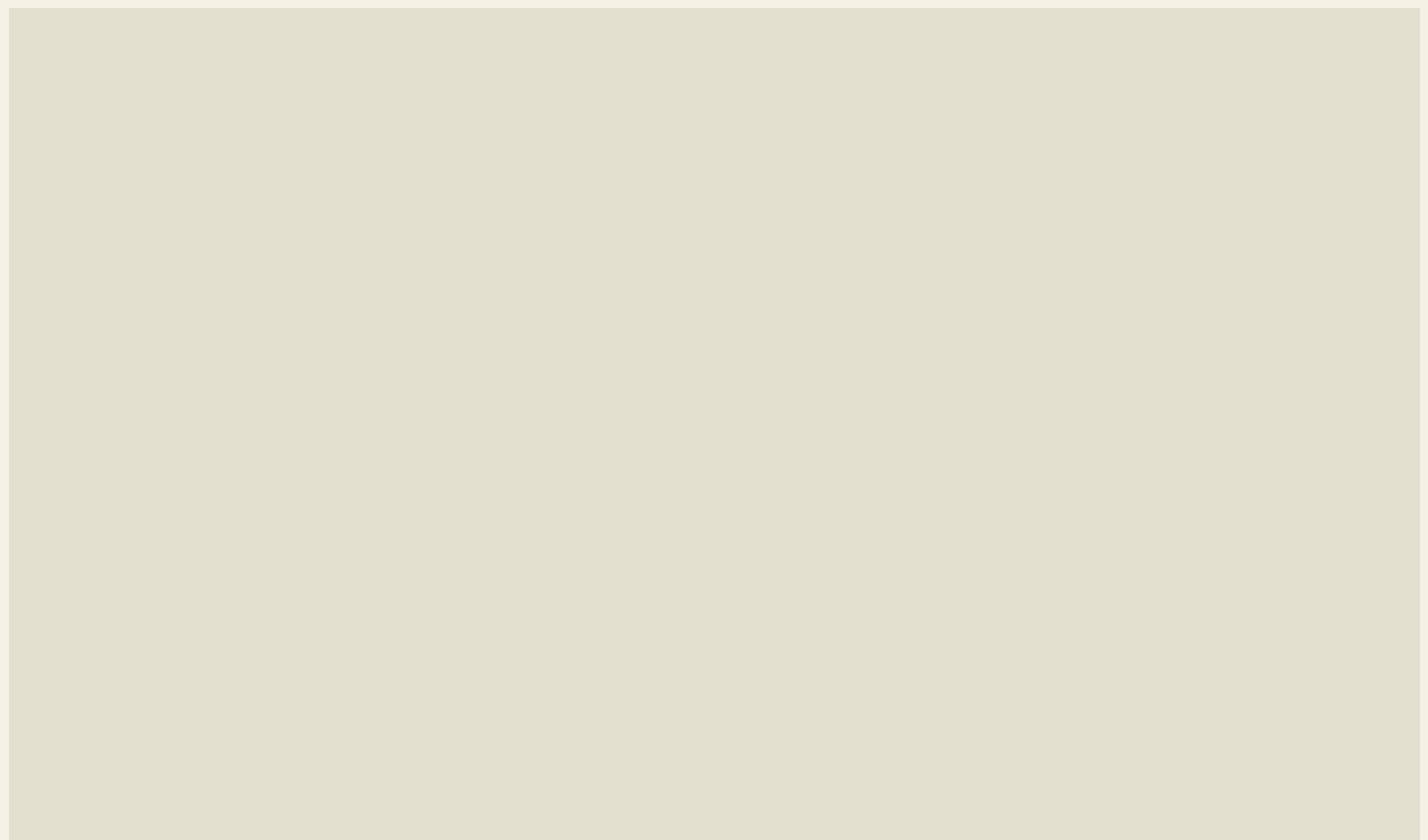
Installing Simulated Divided Lites into a Half Round Top Transom

Another example of the time and detail it took our craftsman to cut, fit, and place all the muntin bars onto the glass. Once one side is complete, it is necessary to perform the same tasks to the opposite side of the window.





Windows Being installed and Completed Photos





View with new windows installed.



Exterior View



Interior View



Exterior View



Interior View



Casement windows in the main level.



Divided lites in the main level showing both traditional and diamond styling.

Variety of Work

The photos below portray a variety of work in windows and doors that were created for this house.





If you are an architect, contractor, or an owner of a historical building or home who is looking to renovate a property, we want to assist you with your architectural millwork needs.



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