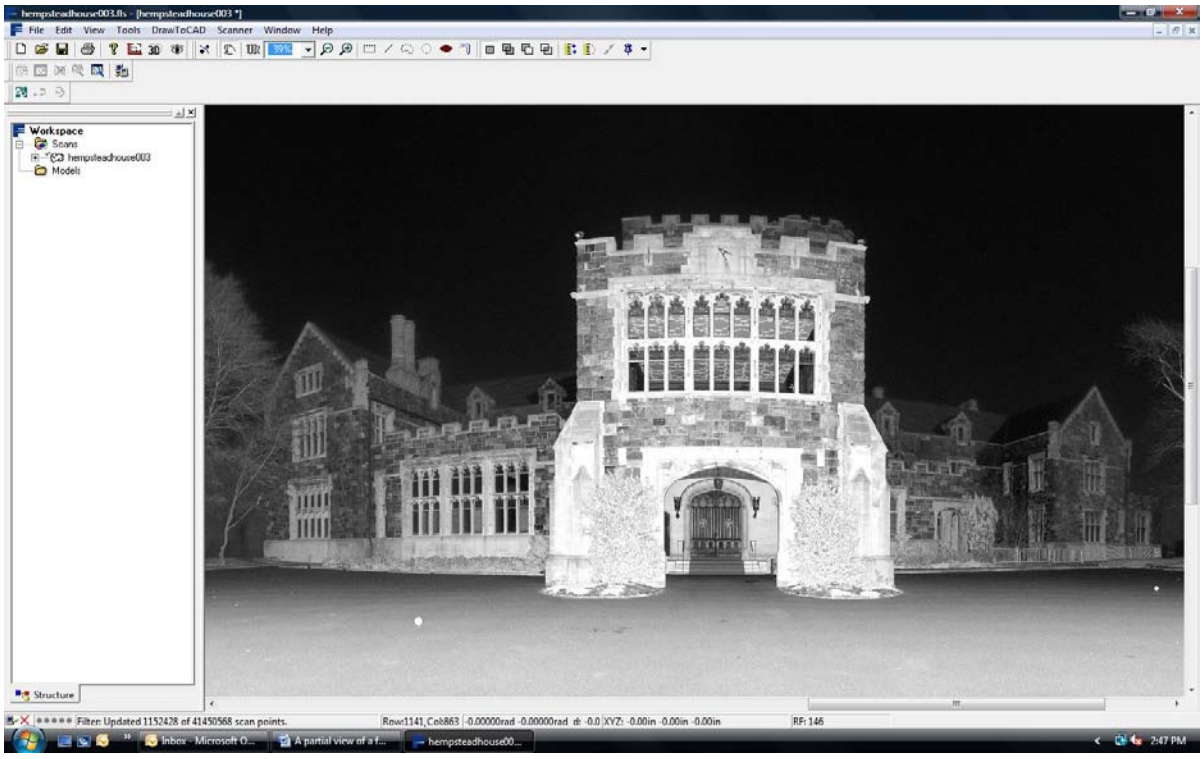
The scanner is setup outside the building, and once activated, scans a 360 degree area, often capturing the whole width of the building in a single scan.



This planar view shows the area of scan that captured the building.

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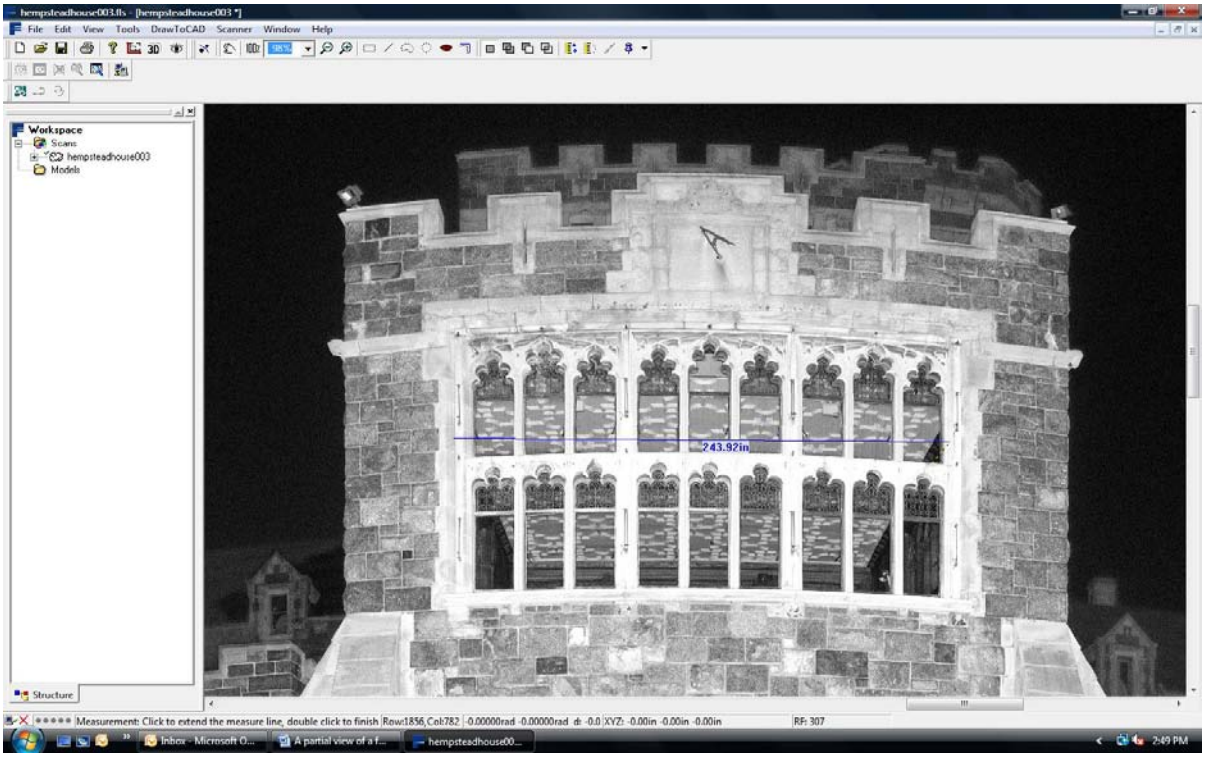
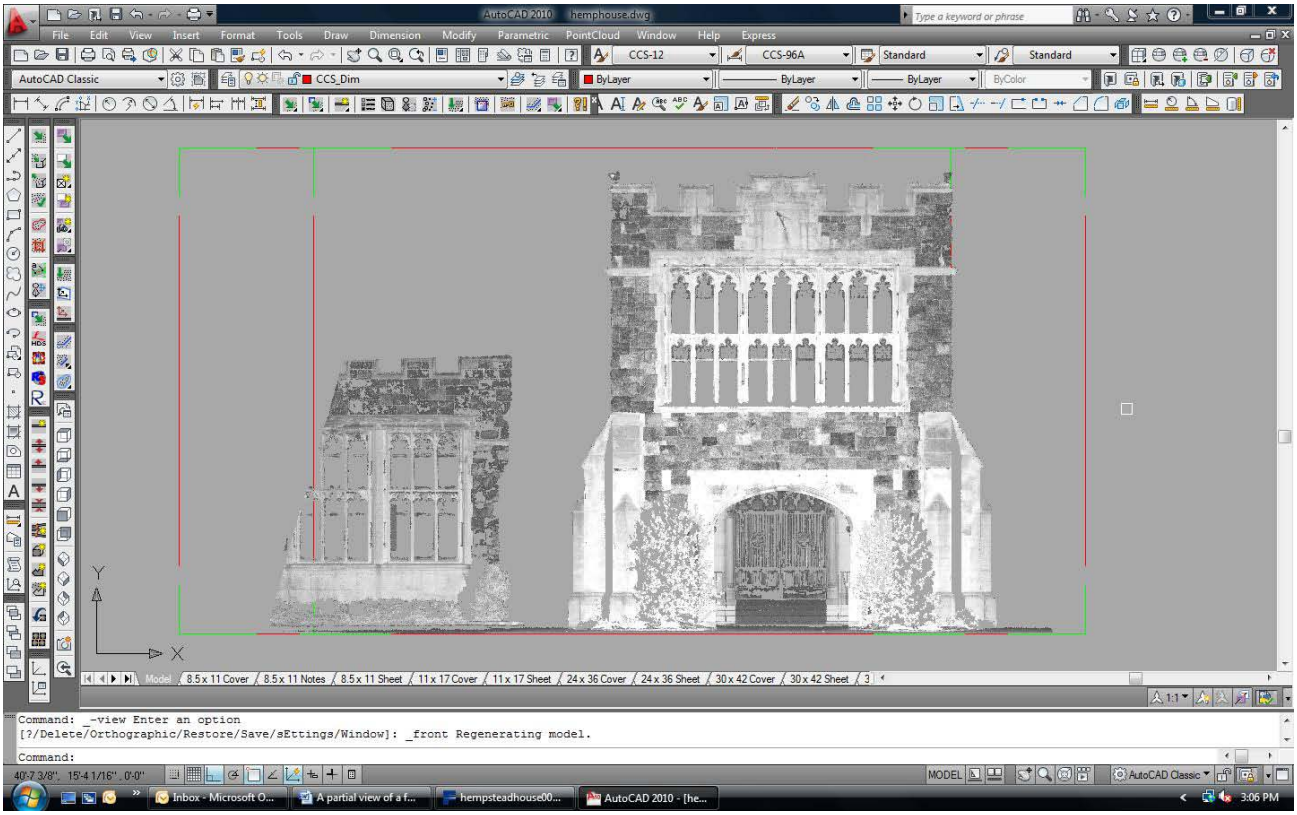


Elevation datums and dimensions can be accessed in this view, allowing study of the façade elements.



The elevation can be imported into a CAD drawing, for development of as-built construction or design documents

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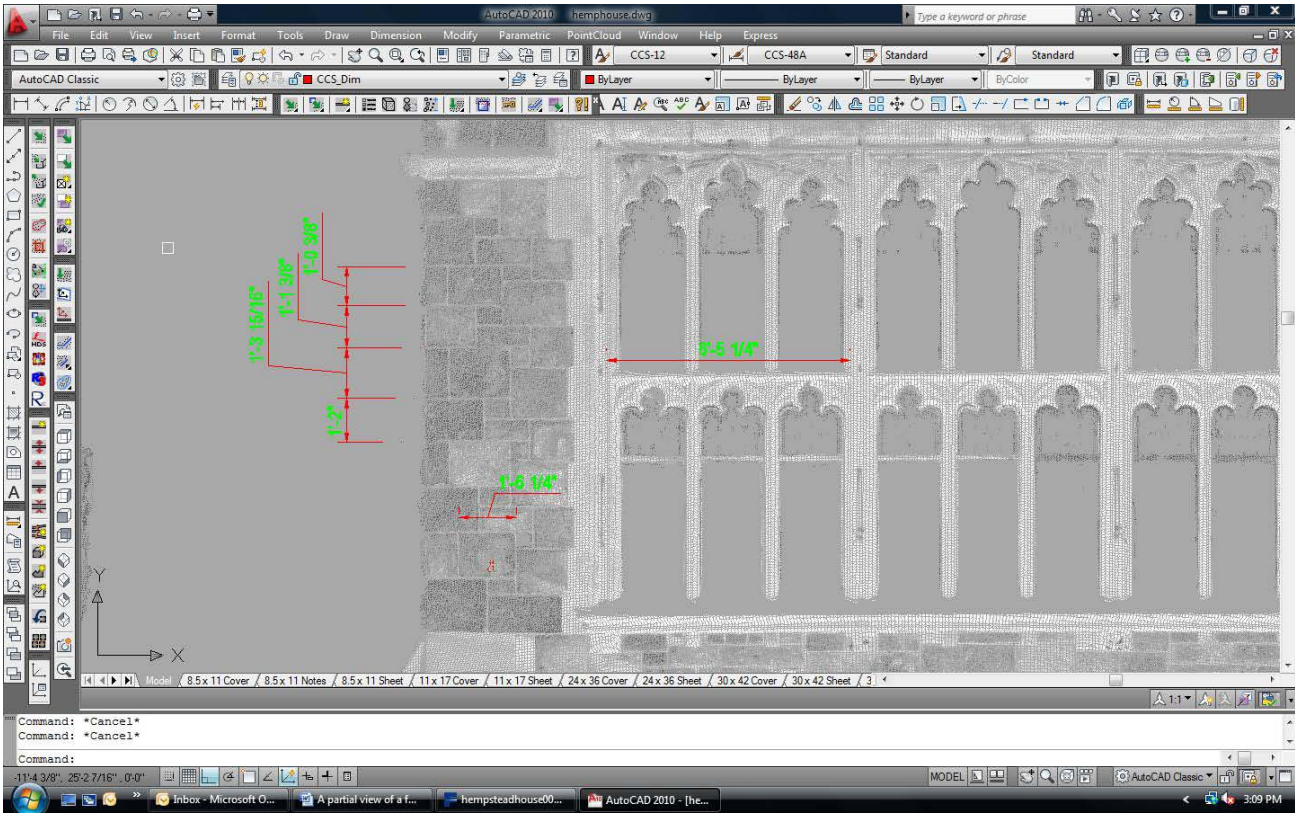
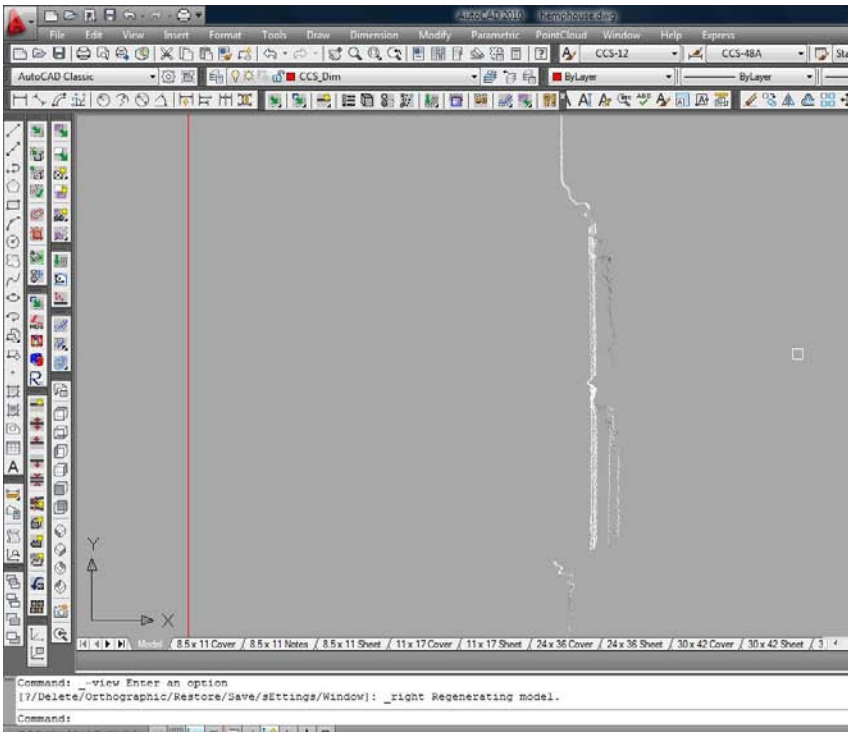


A closer view reveals details, and precise dimensions can be determined for the façade's masonry and ornamentation. CAD drawing overlays can begin to form as-built or shop drawings for replacement parts.



A slice through the windows, turned 90 degrees, reveals the profile of the stone window surrounds and ornamental molding.

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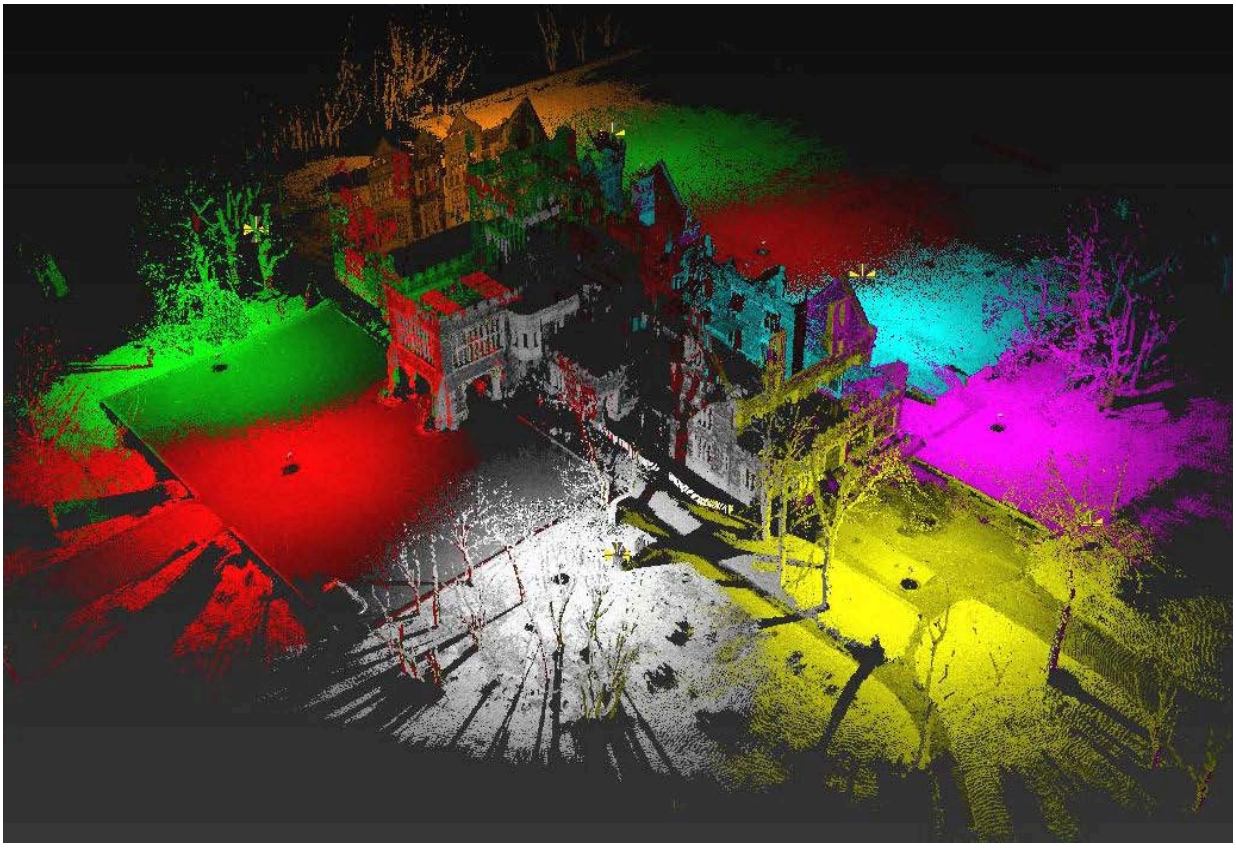

Multiple scans of the building can be aligned, creating a 3D image useful for study and animation graphics. Each scan in this picture is shown in a separate color, overlapping of scans increases accuracy of data.

The resulting 3D image can be viewed from any angle, providing a digital database of the building for archive and future reference use in restoration and repair programs.

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