

Geospatial Modeling & Visualization

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GMV Geophysics GPS Modeling Digital Photogrammetry 3D Scanning Equipment Data and Projects by Region

University of Arkansas – Vol Walker Building – Interior Floor 2

Working with the University of Arkansas' Facilities Management and Planning Departments, CAST is documenting the historical Vol Walker Building and its renovation. Here are merged scans of the second floor of the interior, which were collected with the [Z+F 5005i Scanner](#). The project includes multiple floors within the building interior as well as the building exterior. Interior scans were collected with a point spacing that ranged from less than a centimeter at the most dense (at a range of < 1 meter) to approximately 5 cm at the least dense (at a range of 25 meters). These scans were then reduced to a more consistent point spacing of 1 cm for potential future use in historical preservation documentation. Exterior scans were collected with a point spacing of approximately 5-10 cm. The data sets have been separated due to file size and data density.



[Vol_Walker_Building_Interior_Floor_2.zip](#) (2.81 gb) (1 cm spacing in .pts file format)

[Sitemap_Vol_Walker_Floor_2.htm](#) -Explore the data set in Leica TruView, which requires Leica [TruView free viewer](#) and Internet Explorer. For instructions on using the free TruView data viewer and for a complete list of links to the TruView data related to this project, please see: [Accessing Vol Walker Interior TruViews](#).

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Credits:

Data was collected in collaboration with University of Arkansas Facilities Management, Operations and Maintenance and Campus Planning Divisions with outstanding assistance from Bob Harris, Construction Coordinator.

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