

Solution Sheet

Historic Preservation



NEED: Following Hurricane Katrina, preservation boards around the Gulf of Mexico counted their losses and those that were spared looked for ways to prepare for the next disaster. Galveston Island is built on the remains of a community devastated by the Hurricane of 1900. The few surviving structures are of immense value and needed to be documented in case they were destroyed by future storms.

SOLUTION: GDM worked along with Grenland/AsIs to perform a “Scan & Can” of the Ashton Villa mansion covering the entire structure inside and out. The intent was to collect enough data that the interior components (furniture, artwork, etc.) could be located and archived. Additionally, enough data was captured that architectural building plans could be created if they were needed.

SPECIFICATIONS: Scanworlds- 13 Exterior & 35 Interior
Control- 160 Points
Fieldtime- 2 Days Exterior & 3 Days Interior
Client- Test Project for Galveston Historical Foundation



To view a project overview
of Ashton Villa go to:
<http://www.geosim3d.com/samples.htm>
and choose “Historic Preservation”

Historic Preservation (Ashton Villa, Galveston, TX)