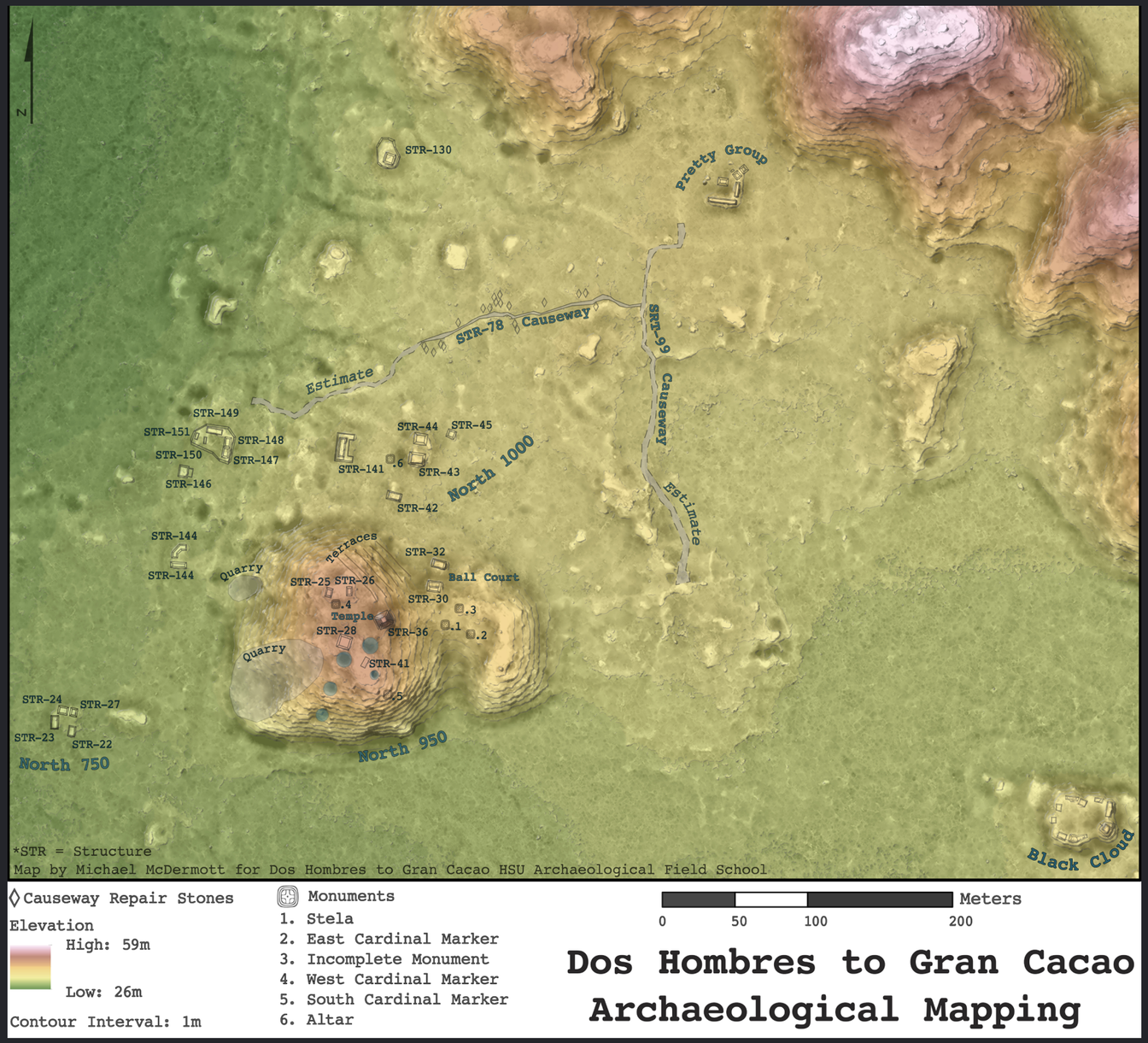
Michael McDermott is a senior Geography, GIS, and Anthropology student at Humboldt State University. For the past year, Michael has been involved with the Humboldt State Archaeology Laboratory, working on GIS projects for the Dos Hombres to Gran Cacao Archaeology Project (DH2GC) directed by Dr. Marisol Cortes-Rincon in northwestern Belize. Michael's recent interests include Maya Archaeology and understanding the cultural modified landscapes of Mesoamerica. He is also passionate about exploring and mapping the forest and trails of Humboldt County.

MICHAEL MCDERMOTT



This map displays the spatial relationships and distribution of residential features throughout a portion of the Maya hinterlands near the site of Dos Hombres in Northwest Belize. Combining high resolution LiDAR data with detailed archaeology field data has allowed for accurate mapping of the features in this Mayan landscape. A unique aspect of this particular site is the presence of a causeway or "sacbe" which was used by the ancient Mayan people to distribute resources and move throughout their environment. The background terrain was created by manipulating the LiDAR data to generate a unique visualization that displays the human modified features throughout the terrain.