

Exhibit R.

Five Sisters Site Desktop Cultural Resources Analysis





September 14, 2023

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**Five Sisters Site
Desktop Cultural
Resources Analysis**

Mr. Lege,

All Phases Archaeology, LLC (APA) provides the following information concerning a literature review for the proposed Five Sisters Site project located in St. Martin Parish, Louisiana:

A literature and document search was conducted in order to gather pertinent background information regarding the subject property and its surroundings. This research included an online query of the Louisiana Division of Archaeology (LDOA) Cultural Resource Viewer (LDOA 2023) and the National Register of Historic Places (NRHP) (National Park Service 2023). The approximate 19.3 acre project area lies south of Interstate 10, east of U. S. Highway (US) 90 on the north side of Smede Highway/Louisiana 92-1 in Broussard, Louisiana (Figure 1). The project area is found within Section 11, Township 11 South, Range 5 East as seen on the 1983 Youngsville, Louisiana 7.5' USGS series topographic quadrangle (Figure 2).

Research of the site files (LDOA 2023) identified four previously recorded archaeological sites (Table 1) and five documented cultural resource reports (Table 2) within a mile of the proposed study area (see Figure 2). Background research revealed five recorded historic resources (Table 3) within a mile of the study area. An examination of the NRHP online files identified no National Register properties within the one mile search radius. Neither the sites, surveys nor the historic resources are located within the study area boundaries.

Historic maps were reviewed for structures within the proposed project area. The 1915 Lafayette Parish and the 1917 St. Martin Parish soil survey maps do not depict any structures within the proposed project area. The 1939 St. Martinsville 15' series topographic map shows four structures within the northern portion of the proposed project area and an unimproved road extending north to the structures along the eastern boundary of the study area (Figure 3). The 1957 and 1970 St. Martinsville 15' series topographic maps depict only one remaining structure in the study area (Figures 4 and 5). The 1983 Youngsville 7.5' series topographic map depicts a structure within the same general location in the project area (see Figure 2). As the study area has not been subjected to a cultural resources survey, it is unknown if historic properties exist here.

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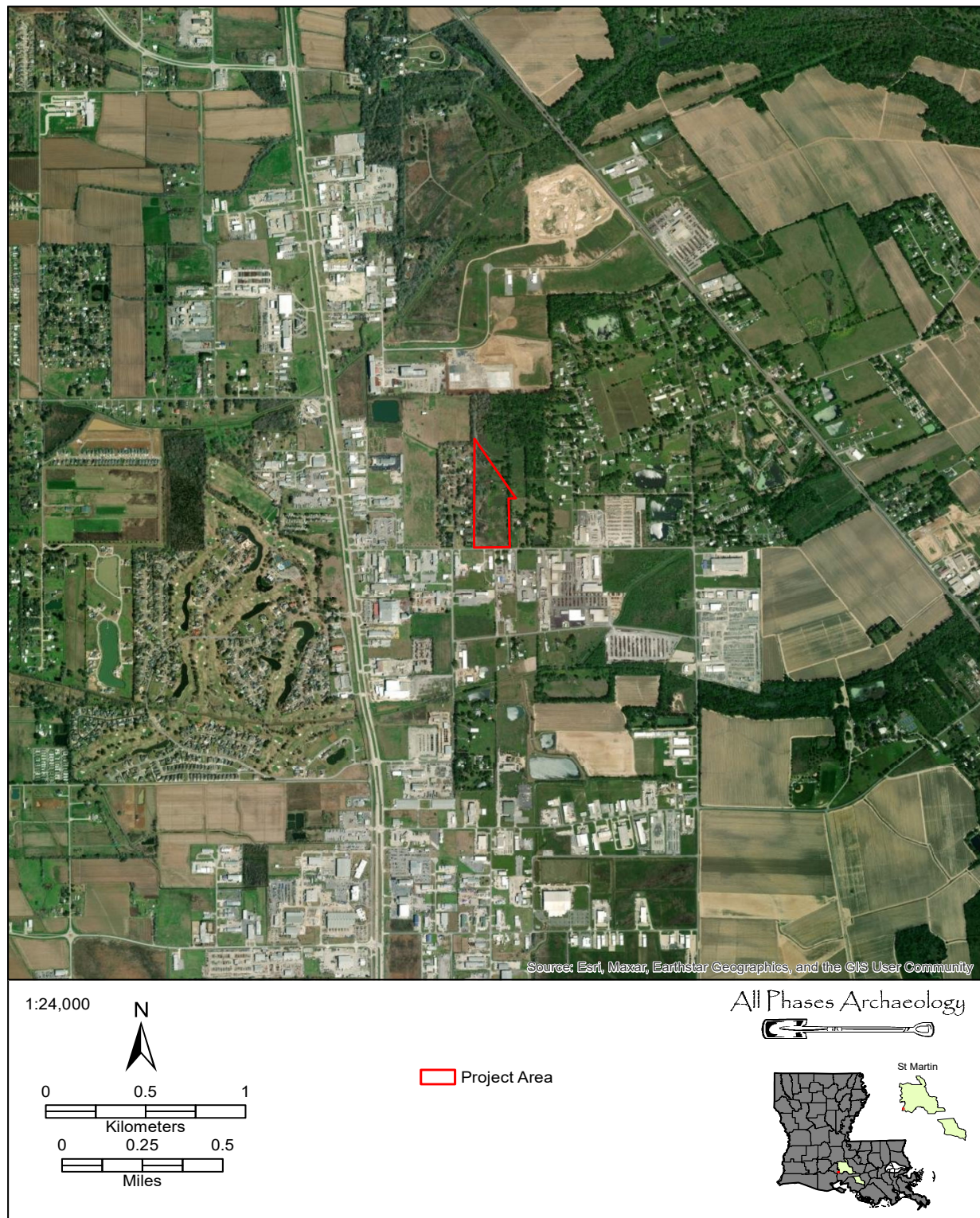


Figure 1. Aerial image of the project area.

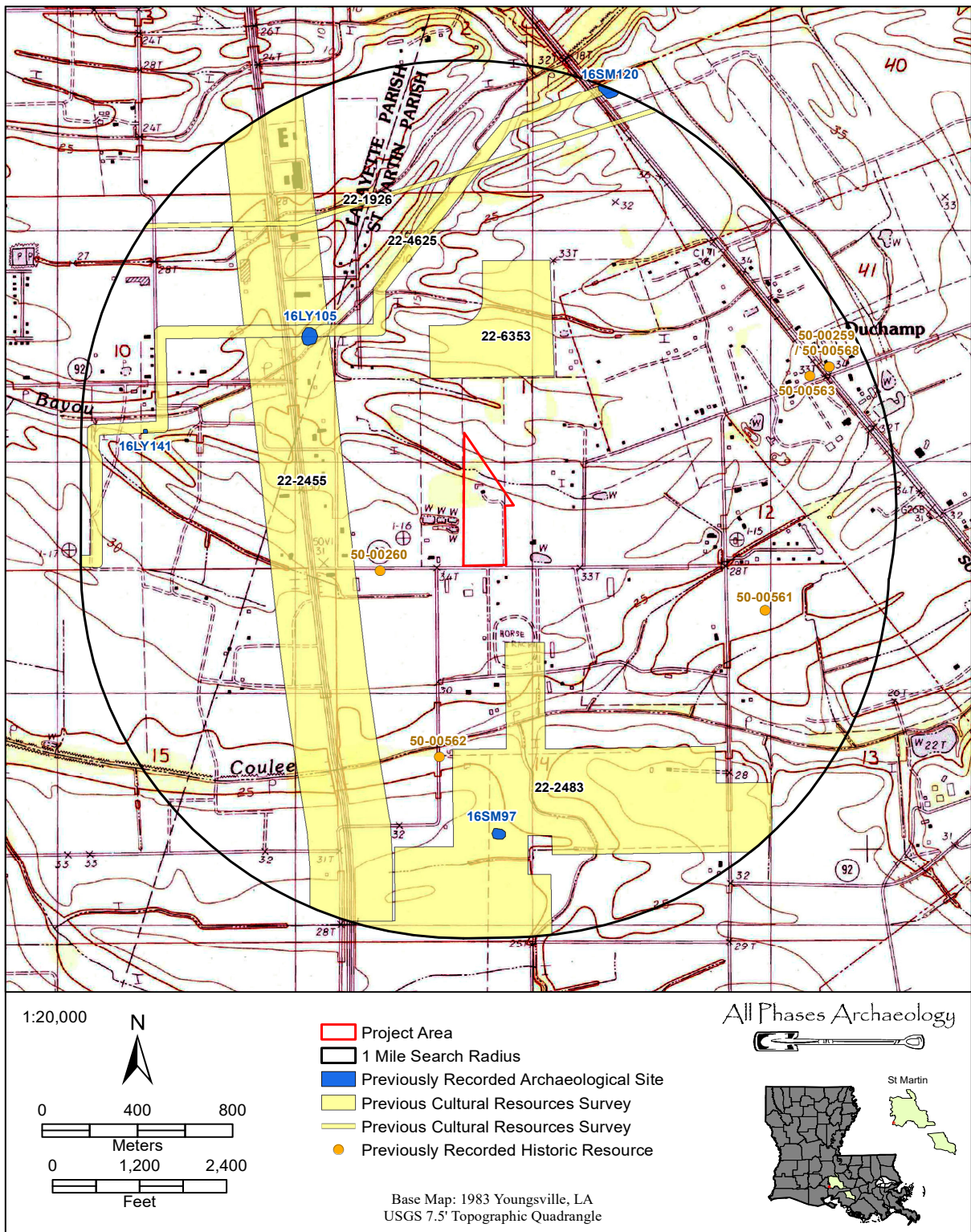


Figure 2. Map showing cultural resource surveys, archaeological sites and historic resources within a one-mile search radius as seen on the 1983 Youngville, LA 7.5' topographic quadrangle.

Table 1. Previously recorded archaeological sites within one mile of the project area.			
Site ID	Resource Name/ Description	Components	NRHP Status
16LY105	Cypress Bayou Site	War and Aftermath, Industrial Modern	Unevaluated
16LY141	Historic scatter	Unknown historic	Ineligible
16SM97	SMEDA Site 1	Industrial and Modern	Ineligible
16SM120	Historic scatter	War and Aftermath, Industrial Modern	Ineligible

Table 2. Previous surveys within one mile of the project area.		
Survey Number	Report Title	Author
22-1926	<i>A Cultural Resources Survey from Sorrento, Louisiana to Mont Belvieu, Texas</i>	Skinner et al. 1995
22-2455	<i>Intensive Cultural Resources Survey I-49 South Route US 90</i>	South et al. 2004
22-2483	<i>A Phase I Cultural Resources Management Survey for the Proposed St. Martin Parish Business and Industrial Park St. Martin Parish, Louisiana</i>	Barber et al. 2002
22-4625	<i>A Phase I Cultural Resources Survey for the Proposed Aegis Ethane Header Pipeline Project, Segment 2 Calcasieu, Jefferson Davis, Acadia, Vermillion, Lafayette and St. Martin Parishes, Louisiana</i>	Schubert et al. 2015
22-6353	<i>A Phase I Cultural Resources Survey for the Proposed Spanish Trail Industrial Park in St. Martin Parish, Louisiana</i>	Carruth 2019

Table 3. Previously recorded historic resources within one mile of the project area.				
Site ID	Resource Name	Description	Year Built	NRHP Status
50-00259/ 50-00568	Mrs. Paula Bourque Home	Traditional with Italianate features	circa (c.) 1860-80	Unknown
50-00260	Unnamed	Bungalow/Heavily Altered	c. 1930	Unknown
50-00561	Mike Reed Home	Victorian/Moved	c. 1880-90	Unknown
50-00562	Dr. Richard Hughes Home	Victorian	c. 1870-90	Unknown
50-00563	Fanning Home	Victorian	c. 1870-90	Unknown

Please feel free to contact me at 205-242-8898 should you have any questions or need for additional information.

Sincerely,



Jon Glass, RPA
All Phases Archaeology

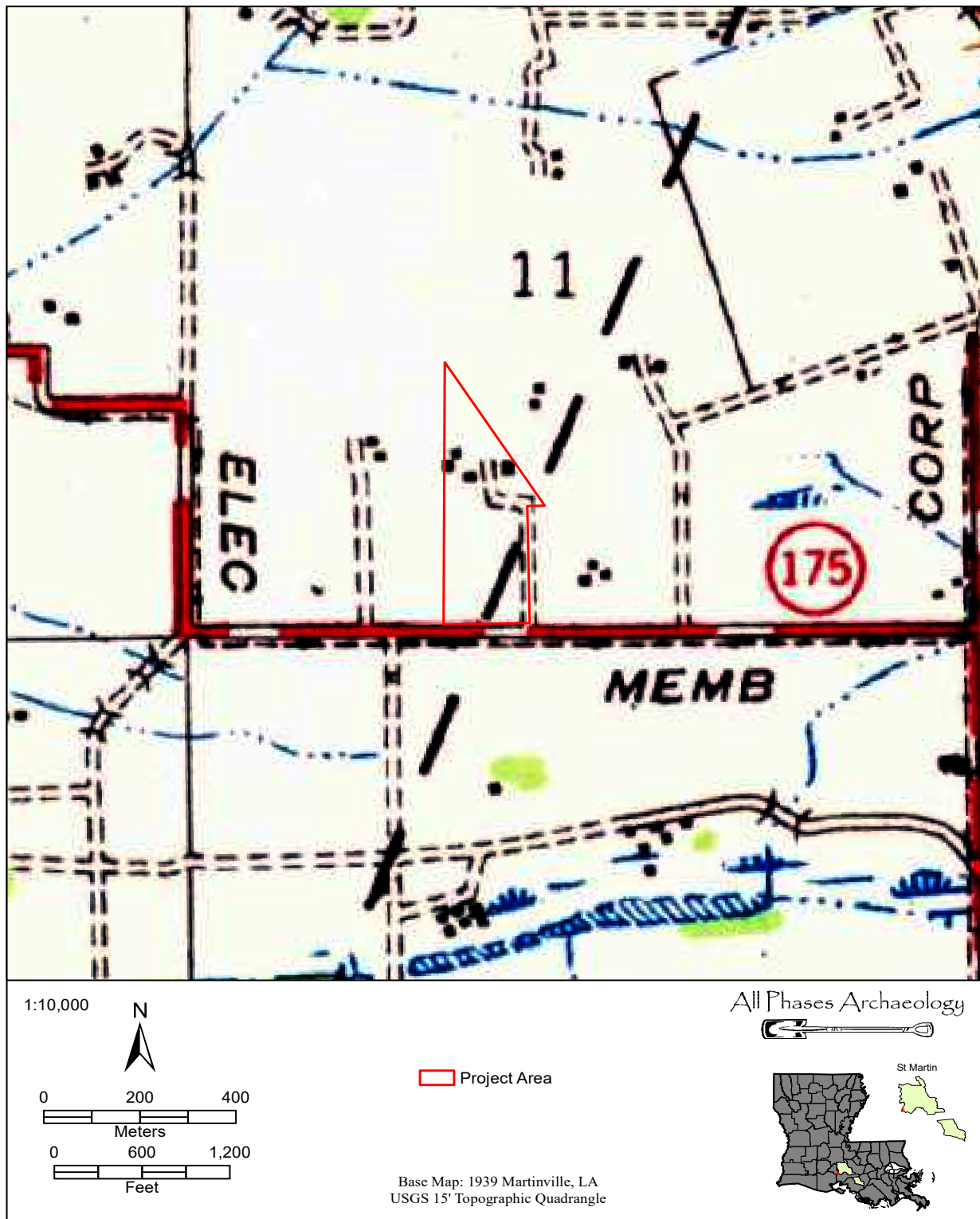


Figure 3. Historic 1939 map showing structures in the study area.

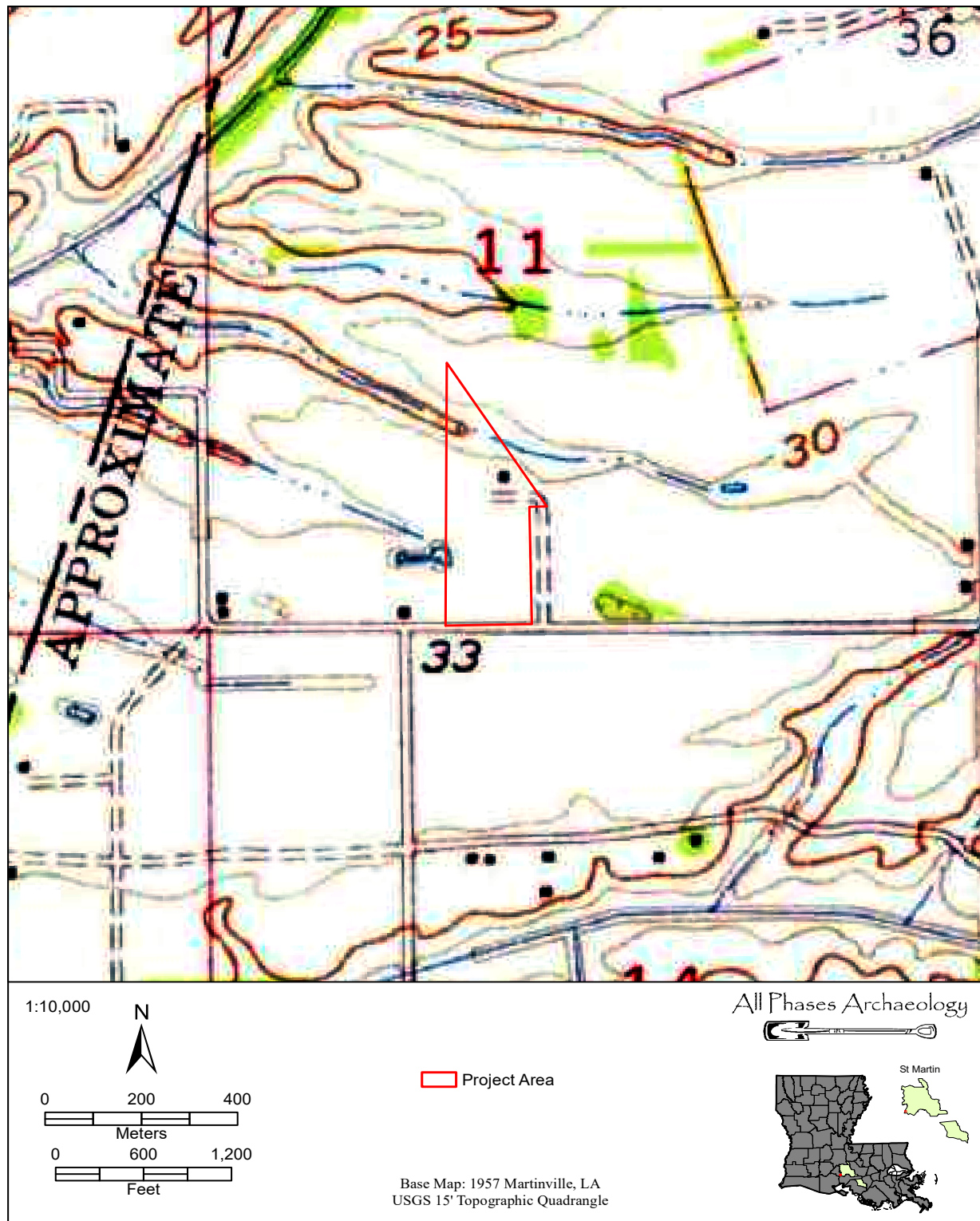


Figure 4. Historic 1957 map showing a structure within the study area.

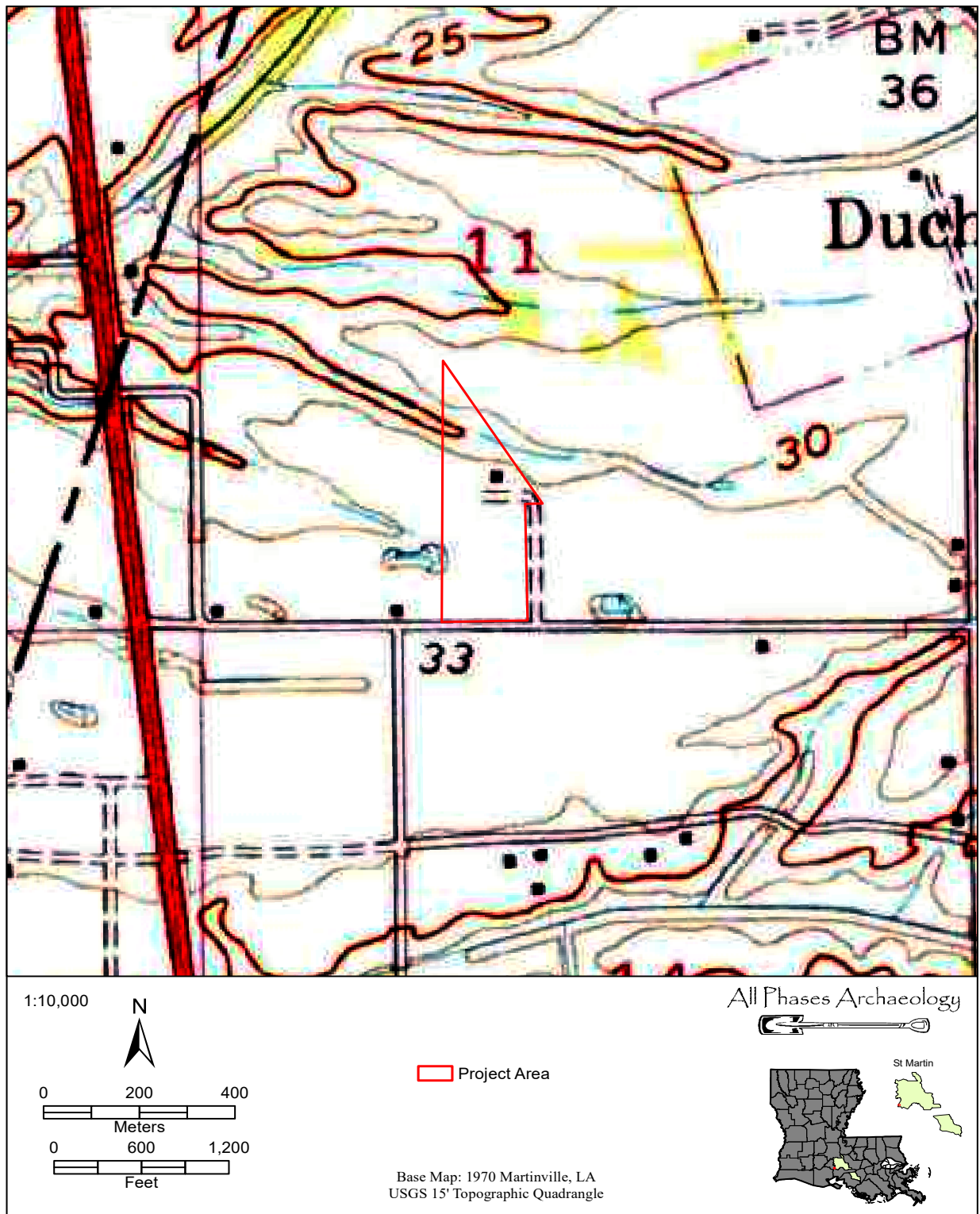


Figure 5. Historic 1970 map showing a structure within the study area.

REFERENCES

Louisiana Division of Archaeology (LDOA)

2023 Louisiana Archaeological Site Files. Louisiana Division of Archaeology, Baton Rouge, Louisiana. Accessed on September 2023.

National Park Service

2023 National Register of Historic Places. Department of the Interior, Washington, D.C. Available online at www.cr.nps.gov/nr. Accessed on September 2023.