The logo for SWCA (Southwest Consulting & Associates) is positioned vertically on the left side of the page. It consists of the letters 'S', 'W', 'C', and 'A' in a large, stylized, light blue font, stacked one above the other.

Cultural Resources Inventory of 8.1 Acres for the Fairmont Princess Temporary Parking Lot Project in Scottsdale, Maricopa County, Arizona

JULY 2023

PREPARED FOR

Lighthouse Partners, Inc.

&

FMT Scottsdale Owner, LLC

PREPARED BY

SWCA Environmental Consultants

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1. REPORT TITLE

1a. Report Title: Cultural Resources Inventory of 8.1 Acres for the Fairmont Princess Temporary Parking Lot Project in Scottsdale, Maricopa County, Arizona.

1b. Report Authors: Chris Whiting

1c. Date: 7/14/2023 **1d. Report No.:** 23-460

2. PROJECT REGISTRATION/PERMITS

2a. ASM Accession Number: 2023-TBD

2b. AAA Permit Number: 2023-050bl

2c. ASLD Lease Application Number(s): Not Applicable (N/A)

2d. Other Permit/Lease Number(s): N/A

3. ORGANIZATION/CONSULTING FIRM

3a. Name: SWCA Environmental Consultants (SWCA)

3b. Internal Project Number: 81468

3c. Internal Project Name: Fairmont Princess Temporary Parking Lot Project

3d. Contact Name: Andrew Vorsanger

3e. Contact Address: 20 East Thomas Road, Suite 1700, Phoenix, AZ 85012

3f. Contact Phone: (602) 274-3831

3g. Contact Email: Andrew.Vorsanger@swca.com

4. SPONSOR/LEAD AGENCY

4a. Sponsor: Lighthouse Partners, Inc. (LPI) and FMT Scottsdale Owner, LLC (FMT)

4b. Lead Agency: Arizona State Land Department (ASLD)

4c. Agency Project Number(s): N/A

4d. Agency Project Name: N/A

4e. Funding Source(s): Private

4f. Other Involved Agencies: City of Scottsdale (COS) Historic Preservation Office, Arizona State Museum (ASM)

4g. Applicable Regulations: Arizona Antiquities Act (AAA; Arizona Revised Statutes [ARS] § 41-841, et seq.); Arizona State Historic Preservation Act (SHPA; ARS § 41-861 et seq.); COS Historic Preservation Ordinance 3242 (Scottsdale Revised Code [SRC] Appendix B, Article VI, Supplementary Districts); Protection of Archaeological Resources Ordinance (SRC Chapter 46, Article VI).

5. DESCRIPTION OF PROJECT OR UNDERTAKING: LPI contracted SWCA on behalf of FMT to conduct a cultural resources inventory in support of obtaining a temporary lease for a parking lot for the Fairmont Princess Hotel. The proposed lease area covers approximately 8.1 acres of State

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Trust Land northwest of the intersection of East Princess Boulevard and East Princess Drive in Scottsdale, Maricopa County, Arizona (Figure 1 and Figure 2). This work will be used to evaluate whether the proposed development project has the potential to affect historic properties (i.e., cultural properties listed in or eligible for listing in the Arizona Register of Historic Places [ARHP], the National Register of Historic Places [NRHP], or the COS Historic Register).

6. PROJECT AREA: The project area consists of approximately 8.1 acres, with maximum dimensions of 214 × 155 meters (m), of land managed by the ASLD and within the COS, which requires compliance with State and municipal environmental laws. The project area is noted as containing portions of Maricopa County Assessor parcel numbers 215-07-14B, and 215-07-15C.

7. PROJECT LOCATION

7a. Address: N/A

7b. Route: N/A

7c. Mileposts Limits: N/A

7d. Nearest City/Town: Scottsdale

7e. County: Maricopa

7f. Project Locator UTM: 414767 m E, 3723632 m N **7g. NAD 83** **7h. Zone:** 12

7i. Baseline & Meridian: Gila and Salt River

7j. USGS Quadrangle(s): Curry's Corner, AZ

7k. Legal Description(s): NW ¼ Section 35, Township 4 North, Range 4 East.

8. PROJECT AREA

8a. Total Acres: 8.1 acres

8b. Survey Area.

1. Land Jurisdiction	2. Total Acres Surveyed	3. Total Acres Not Surveyed	4. Justification for Areas Not Surveyed
ASLD	8.1	0	-

9. ENVIRONMENTAL CONTEXTS

9a. Landform: Bajada within Paradise Valley

9b. Elevation: 1,560 feet above mean sea level

9c. Surrounding Topographic Features: The project area is located approximately 3 miles west of the edge of the McDowell Mountains.

9d. Nearest Drainage: Unnamed drainages surround the project area. Indian Bend Wash is located approximately 5.3 miles southwest of the project area.

9e. Local Geology: Holocene surficial deposits characterized by fine-grained, well-sorted sediment on alluvial plains, but also includes gravelly channel, terrace, and alluvial fan deposits on middle and upper piedmonts (Richard et al. 2000).

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9f. Vegetation: Vegetation in the project area is primarily characteristic of the Lower Colorado subdivision of the Sonoran Desertscrub biotic community (Brown 1994). Plant types observed during the survey included palo verde, creosote bush, and desert grasses.

9g. Soils/Deposition: Soils within the project area are predominately mapped as Gilman loamy upland, Gilman limy fan, and Momoli gravelly sandy loam (Natural Resources Conservation Service 2023).

9h. Buried Deposits: Unlikely

9i. Justification: No cultural resources were observed on the surface. Cutbanks of washes that run through the project area were examined for cultural resources and none were found.

10. BUILT ENVIRONMENT: The Fairmont Princess resort is directly south of the project area. The modern Central Arizona Project Canal is located approximately 0.8 miles south of the project area.

11. INVENTORY CLASS COMPLETED

11a. Class I Inventory: ☐

11b. Researcher(s):

11c. Class II Survey: ☐

11d Sampling Strategy:

11e. Class III Inventory: ☒

12. BACKGROUND RESEARCH SOURCES

12a. AZSITE: ☒

12b. ASM Archaeological Records Office: ☒

12c. SHPO Inventories and/or SHPO Library: ☐

12d. NRHP Database: ☒

12e. ADOT Portal: ☐

12f. GLO Maps: The General Land Office (GLO) survey plat map of Township 4 North, Range 4 East, filed in 1916, does not depict historical resources within the project area, but depicts a ROAD TO FRAZIER SPRING outside of the project area (Figure 4).

12g. Land-Managing Agency Files: N/A

12h. Tribal Cultural Resources Files: N/A

12i. Local Government Websites: The Scottsdale Historic Register does not list any nearby properties (COS 2023).

12j. Other: The 1904 USGS Camelback, Arizona, 15-minute topographic quadrangle depicts no historical resources within the project area. Within the 1-mile review area, an unimproved road is visible. The 1964 USGS Curry's Corner, Arizona 7.5-minute topographic quadrangle depicts no historical resources in the project area. Within the 1-mile review area, it depicts four unimproved roads, a well, the Old Verde Canal, and an unnamed structure found southeast of the project area.

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The earliest available historical aerial imagery of the project area is from 1949. The imagery depicts at least one unimproved road and the Old Verde Canal (Maricopa County 2023). The project area appears to be undeveloped desert, with no visible disturbance on historic maps or aerial photographs.

13. BACKGROUND RESEARCH RESULTS

13a. Previous Projects that Intersect or Abut the Project Area.

Within 1-mile of the project area, 40 previous projects have been conducted from 1972 to 2021. These surveys were conducted for residential development, transportation improvements, electrical transmission line maintenance, and city park development. Of these, only one survey intersects and covers the entire project area (See Figure 3 and table below). 1986-46.ASM was a land development survey completed in 1986 (Myers 1986).

1. Project Reference Number	2. Project Name	3. Author(s)	4. Year
1986-46.ASM	Janus Development Survey	Myers	1986

The SHPO has provided guidance for the reliance on survey data that is 10 years or older (SHPO 2004). The entire project area was previously surveyed (1986-46.ASM) in 1986 by Janus Associates (Myers 1986). The current definition for what constitutes an archaeological site was created by the ASM in 1995 (ASM 1995). This survey pre-dates that definition, therefore SWCA believes this survey cannot be relied upon for current inventory purposes.

13b. Previously Recorded Cultural Resources Within Study Area—1.0-mile Radius of Project Area.

Five sites have been recorded within a 1-mile radius around the project area, none of which intersect the project area (See table below; Figure 3). These sites consist of one Hohokam temporary or limited use area, a historic-era canal, and three Hohokam artifact scatters.

1. Site Number/ Name	2. Affiliation	3. Site Type	4. Eligibility Status	5. Associated Reference(s)
AZ T:8:65(ASM)	Euro-American/ 1894-1902	Rio Verde Canal	Determined not eligible	Bellavia and Mitchell 2007
AZ U:5:13(ASM)	Prehistoric Hohokam	Artifact scatter	Not evaluated	Myers 1986
AZ U:5:35(ASM)/AZ U:5:4(ARS)/#4 ARS	Prehistoric Hohokam	Artifact scatter	Determined eligible, Criterion D	Woodall et al. 1993
AZ U:5:37(ASM)	Prehistoric Hohokam	Temporary camp/ Artifact scatter	Determined eligible, Criterion D	Breternitz 1989
AZ U:5:69(ASU)	Prehistoric Indeterminate	Artifact scatter	Recommended eligible, Criterion D	Brown 1978

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13c. Historic Buildings/Districts/Neighborhoods.

1. Property Name or Address	2. Year	3. Eligibility Status
N/A	N/A	N/A

14. CULTURAL CONTEXTS

14a. Prehistoric Culture: Hohokam

14b. Protohistoric Culture: O'odham, Maricopa

14c. Indigenous Historic Culture: O'odham, Maricopa

14d. Euro-American Culture: 1850–1970

15. FIELD SURVEY PERSONNEL

15a. Principal Investigator: Jerome Hesse

15b. Field Supervisor: Chris Whiting

15c. Crew: N/A

15d. Fieldwork Date(s): June 28, 2023

16. SURVEY METHODS

16a. Transect Intervals: 20 meters.

16b. Coverage (%): 100%

16c. Site Recording Criteria: ASM

16d. Ground Surface Visibility: 50-90%

16e. Observed Disturbances: Some heavy erosion due to natural washes, especially along the western edge of the project area. A small amount of modern trash was visible throughout the project area. Two modern, unnamed dirt roads crossed the project area from southeast to northwest.

17. FIELD SURVEY Results

17a. No Cultural Resources Identified: ☐

17b. Isolated Occurrences (IOs): ☒

17c. Number of IOs Recorded: 2

17d. Table of IOs Recorded

IO No.	IO Description	Date Range	UTMs (NAD 83, Zone 12)
IO-1	One crushed sanitary can, indeterminate size.	post-1900	414746 m E 3723720 m N

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IO No.	IO Description	Date Range	UTMs (NAD 83, Zone 12)
IO-2	Crushed steel can or flask with screw on metal lid on one side. Rectangular shaped can is approximately 6 inches tall by 5 inches wide with an indeterminate thickness. The lid is approximately 1 inch across.	post-1900	414791 m E 3723657 m N

17e. In-use Historical Structures: ☐

17f. Number of In-use Historical Sites and Features Recorded: 0

18. COMMENTS: LPI contracted SWCA on behalf of FMT to conduct a cultural resources inventory in support of obtaining a temporary lease for a parking lot for the Fairmont Princess Hotel. The proposed lease area covers approximately 8.1 acres of State Trust Land in Scottsdale, Maricopa County, Arizona

The project area was completely surveyed in 1986 (Myers 1986), and an evaluation of this survey indicated the results could not be relied upon. SWCA surveyed the project area and recorded two historic-era IOs, but these artifacts are not eligible for listing in the NRHP, ARHP, or COS Historic Register. SWCA recommends no further work required at this time.

SECTION 19. ATTACHMENTS

19a. Project Location Map: ☒ See Figure 2

19b. Land Jurisdiction Map: ☒ See Figure 2

19c. Background Research Map: ☒ See Figure 3

19d. GLO Map: ☒ See Figure 4

19e. References: ☒

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SECTION 20. CONSULTANT CERTIFICATION

I certify that the information provided herein has been reviewed for content and accuracy and all work meets applicable agency standards.



Principal Investigator-Jerome Hesse

SECTION 21. DISCOVERY CLAUSE

In the event that previously unreported cultural resources are encountered during ground-disturbing activities, all work must immediately cease within 30 meters (100 feet) until a qualified archaeologist has documented the discovery and evaluated its eligibility for the ARHP or NRHP in consultation with the lead agency, the COS Historic Preservation Office (COSHPO), and Tribes, as appropriate. Work must not resume in this area without the approval of the lead agency.

If human remains are encountered during ground-disturbing activities, all work must immediately cease within 30 meters (100 feet) of the discovery and the area must be secured. The ASM, lead agency, COSHPO, and appropriate Tribes must be notified of the discovery. All discoveries will be treated in accordance with Arizona Revised Statutes (ARS § 41-844), and work must not resume in this area without authorization from the ASM and the lead agency.

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Figure 1. Project area facing southwest.

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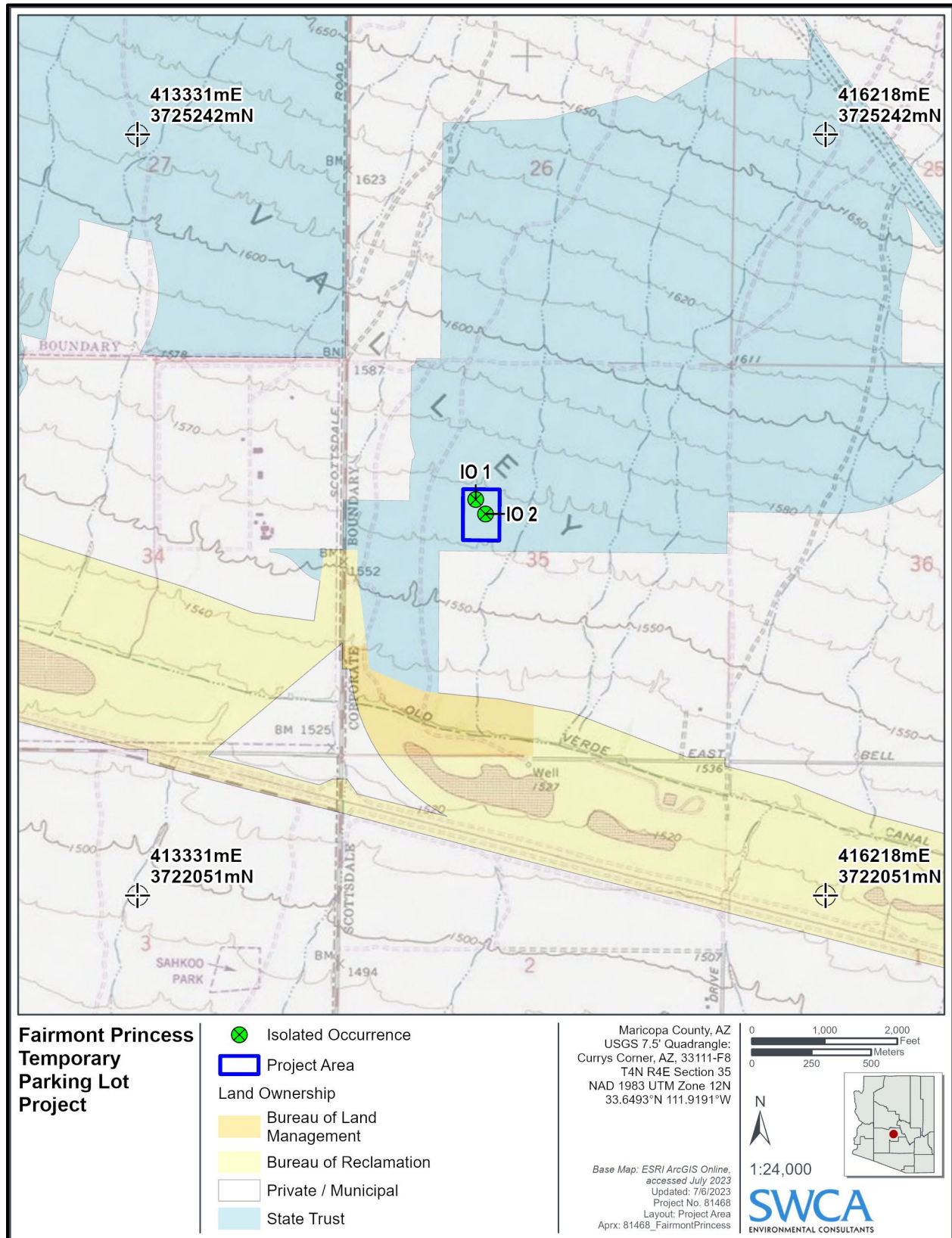


Figure 2. Project area and jurisdiction.

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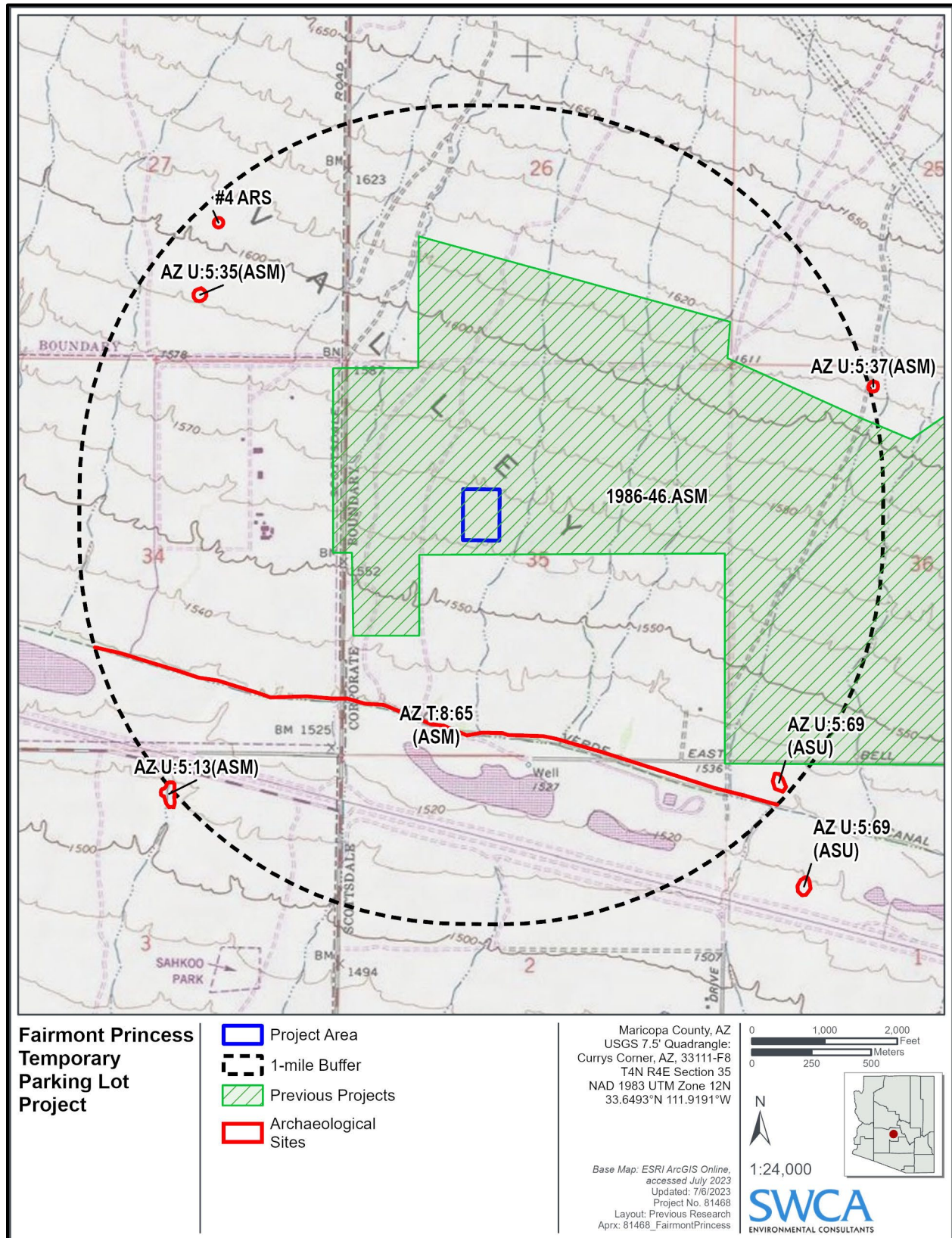


Figure 3. Previously recorded sites and surveys conducted within 1 mile of the project area.

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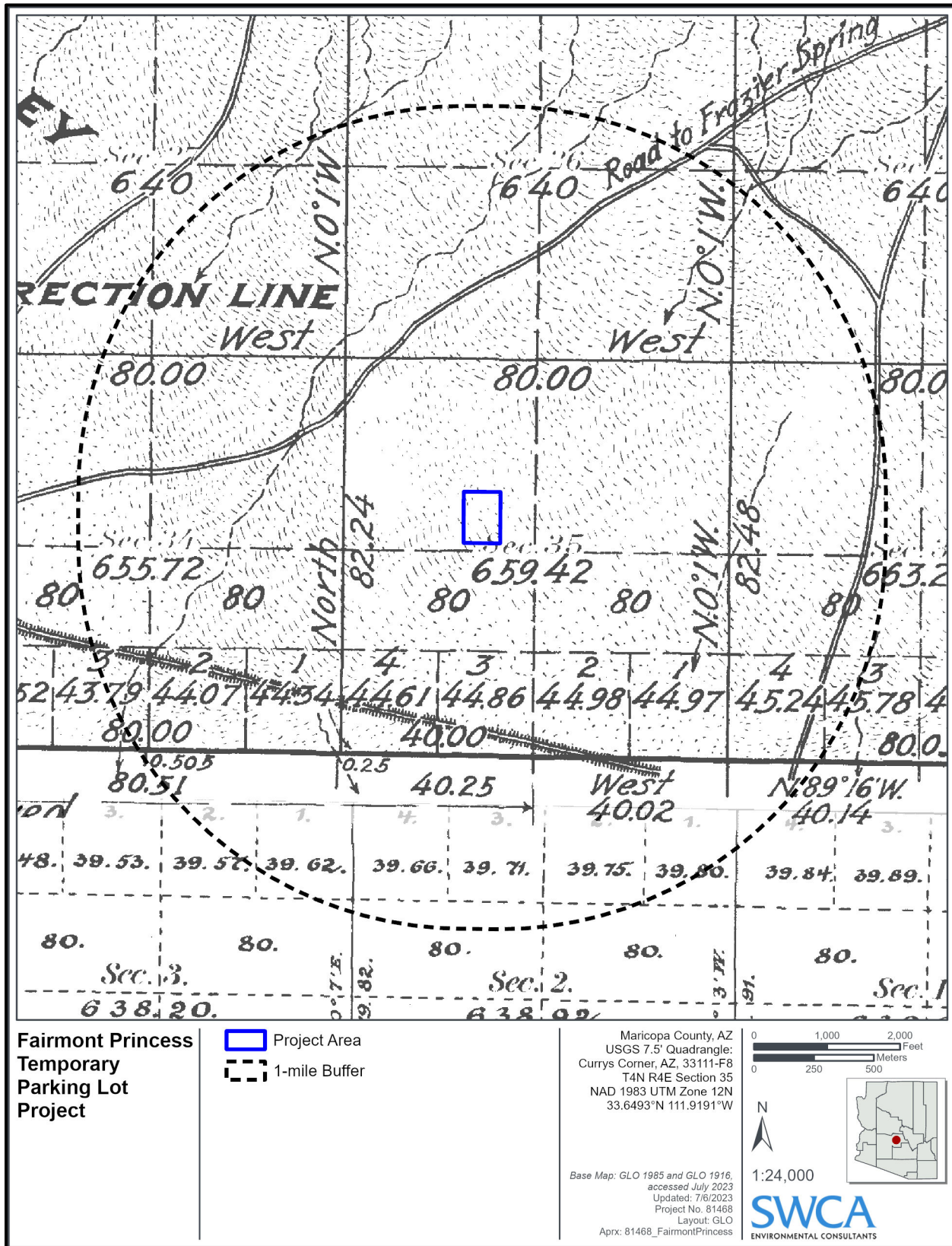


Figure 4. 1916 GLO Map for Township 4 North, Range 4 East.

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