



Correspondence Between Staff and Applicant

Approval Letter

Denial Letter

## COMMENT RESPONSE FORM

### Disposition Codes:

- A. Will Comply
- B. Consultant to Evaluate
- C. Client to Evaluate
- D. No Further Action
- E. City to Evaluate

### 10-UP-2020 – Multi-Use Sports Fields

MUMSP Submittal Review Comments - Dated: 10-12-20

Disposition / Response by Gavan & Barker

Item No.	Comment No.	Location (sheet/DWG#)	Reviewer	Review Comment	Code	Response
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<b>General Comments</b>						
1)	1		Preliminary review	<p>Setbacks:</p> <ul style="list-style-type: none"> <li>• Per 11-Z-86-stipulation #10, “when non-residential uses abuts residential uses” a non-residential parcel shall be subject to a 50-foot building setback, service areas screened and the maximum height of exterior lighting shall be 18 feet within 150 feet of the residential parcel. Currently, it appears the fields are approximately 30 feet.</li> <li>• Please identify and dimension the required 50-foot-wide setback along the northern property line that abuts the existing R-5 District (Desert Park Vistas).</li> <li>• Please identify and dimension the required 150-foot lighting setback where the use abuts the R-5 residential district. Please demonstrate that the proposed recreation field lights located within 150 feet of the abutting R-5 residential district are no taller than 18 feet.</li> <li>• Please provide a 50-foot-wide desert buffer setback along E. Bell Road and N. 94th Street per the 2001 General Plan.</li> </ul>	A	

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Item No.	Comment No.	Location (sheet/DWG#)	Reviewer	Review Comment	Code	Response
2)	2	-	Preliminary review	<p>Vista Corridor/Washes:</p> <ul style="list-style-type: none"> <li>• Per 11-Z-86 Stipulations #1 (Environment) the major wash crossing Parcel 23 shall be designated with a Vista Corridor. A scenic easement with an average width of 100 feet shall be provided along this wash concurrent any other easements. Please identify and dimension the Vista Corridor to protect environmental features such as native plants, boulders, washes etc.</li> <li>• Please preserve existing washes that are greater than 50 cfs within a drainage easement and/or NAOS easement (ZO Section 6.1010). Please identify and dimension proposed easements over the existing 50 cfs or greater washes.</li> <li>• In the event a 50 cfs wash requires modification, redirection or diversion a wash modification application is required and shall be designed in accordance to the Scottsdale Revised Code and Design Standards and Policy Manual. Please let us know if you need a checklist.</li> </ul>	A	<ul style="list-style-type: none"> <li>• Vista corridor identified</li> <li>• Drainage easements identified. Dimensions vary greatly. Large east wash shown in conjunction with Vista Corridor with 100-ft min. width.</li> <li>• Both washes over 50 CFS are crossed only. Redirection or diversion not required.</li> </ul>

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Item No.	Comment No.	Location (sheet/DWG#)	Reviewer	Review Comment	Code	Response
3)	3		Preliminary review	<p>NAOS/Slope Analysis:</p> <ul style="list-style-type: none"> <li>• Please revise a NAOS analysis plan with proposed civil improvements such as the concrete sidewalk along N. 94th Street. All man-made structures such as headwalls, box culverts, rip-rap shall be excluded from NAOS. Please update the NAOS exhibit and calculations accordingly.</li> <li>• Please address if there are any excavations cuts and fills that exceed six feet. Please provide a cuts and fills exhibit and a grading and drainage plan to determine if there will be any disturbance to future NAOS or Vista Corridors. Please update the NAOS exhibit, calculations and Native Plant Plan accordingly.</li> <li>• Please indicate locations of walls, fence, retaining wall and headwalls and indicate 5 feet of revegetated NAOS along the entire length and on both sides of the wall. Please update the NAOS exhibit, calculations and Native Plant Plan accordingly.</li> </ul>	A	

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4)	4		Preliminary review	<p>Circulation:</p> <ul style="list-style-type: none"> <li>Please identify and dimension a non-motorized public access easement along 94th street to accommodate a future concrete sidewalk. Please identify and dimension a Non-motorized Public access easement in locations where the sidewalk is located on-site. Concrete sidewalks are excluded from NAOS. Please update the NAOS exhibit, calculations and Native Plant Plan accordingly.</li> <li>Per 11-ZN-86 (Circulation) Stipulation #7, within the transmission line easement, provide a 15-foot wide equestrian trail easement. On revised plans, please identify and dimension a Non-Motorized Public Access Easement.</li> </ul>	A	
5)	5	SE5.1-2	Preliminary review	Exterior lighting/Cut sheets/Photometrics	A	Please see attached comment response from Wright Engineering address exterior lighting .

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Item No.	Comment No.	Location (sheet/DWG#)	Reviewer	Review Comment	Code	Response
6)	6		Preliminary review	<p>Landscaping (DSPM Section 8-2.208):</p> <ul style="list-style-type: none"> <li>• Please provide caliper inch for single and multi-trunk trees</li> <li>• Please provide gallon size of shrubs (min 5 gallons) and groundcover</li> <li>• Please identify and dimension site distance standards Refer to DSPM Section 5-3, and 8.1400.</li> <li>• Please identify and dimension existing and proposed easements ie Desert Buffer Setback, Vista Corridor, Drainage Easements, NMPAE etc.</li> <li>• ½ inch Decomposed Granite and Desert Gold. Please reference DG color.</li> <li>• Please refer to the ESL Indigenous Plant List and replace the following; <ul style="list-style-type: none"> <li>○ Acacia smalii/Sweet Acacia</li> <li>○ Caesalpinia cacalaco/Smoothie</li> <li>○ Caesalpinia gilliesi/Yellow Bird of Paradise</li> <li>○ Chilosis linearis/Desert Willow</li> <li>○ Asclepias subulate/Desert Milkweed</li> <li>○ Chrysactinia Mexicana/Daminiata</li> <li>○ Eremophila hygrophana/Blue Bells</li> <li>○ Hesperaloe parviflora/Brakelights</li> <li>○ Muhlenbergia rigida 'Nashville'/Muhly Grass</li> <li>○ Yucca rupicola/Twisted Leaf Yucca</li> </ul> </li> </ul>	A	Note: Chilopsis linearis (Desert Willow) is on the ESL plant list, therefore plant remained on plans. A good portion of the ESL plant list is not on the approved APS plant list, therefore the reason for the plant palette change under the transmission lines.
7)	7	-	Preliminary review	<p>Parking:</p> <ul style="list-style-type: none"> <li>• Pursuant to Zoning Ordinance 9.105 and DSPM, four percent of the provided standard parking shall be accessible. Please revise the site plan by identifying and dimensioning accessible parking stalls and updated accessible parking calculations accordingly.</li> </ul>	A	A minimum of four percent of the require parking is identified to be accessible parking. Dimensions added.

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### 20212 – Multi-Use Sports Fields

Submittal Review Comments - Dated: 11-18-20

Item No.	Comment No.	Location (sheet/DWG#)	Reviewer	Review Comment	Code	Response
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	<b>General Comments</b>					
1)	1	SE3.3	Preliminary review	Per 11-Z-86-stipulation #10, max lighting height within 150-ft buffer shall not exceed 18 feet. ON sheets SE3.3 and G3.5, please provide an 18-foot-tall Field Light Detail and Area Lighting Detail and revise plans accordingly.	A	Musco lights removed. Area lights brought down to 18Ft per request.
2)	2	-	Preliminary review	Please compare the number of proposed sport field lights between the site plan and site lighting plan. Currently, there is a discrepancy as the site plan depicts a higher quantity of poles. Please clarify and revise plans accordingly.	A	The number of Sport field poles shown has been corrected to be 15 everywhere.
3)	3	SE3.3	Preliminary review	Please update the site lighting plan by providing the pole tag number as shown on the Sport Pole Table-Sheet 3.3. Please amend the table to indicate the light pole height of 18 feet for any poles located within the required 150-foot lighting buffer.	A	Musco poles in the buffer zone have been removed and sports poles have been labeled to match the Sports Pole Table on sheet SE3.3
4)	4	SE5.1-2	Preliminary review	The average constant light level is 30 foot-candles. Please revise the Lighting Level Summary, Calculation Grid accordingly	A	The 30-foot-candle average constant light level is shown on sheets SE5.1 & SE5.2 as the "Scan Average". All fields meet the 30-foot-candle average light level requirement.
5)	5	SE5.1-2	Preliminary review	Please demonstrate and note that no luminaires will be aimed less than 25 degrees below horizontal.	A	Musco has guaranteed no luminaires are aimed less than 25 degrees below horizontal and the attached Excel file shows this information in detail.
6)	6	SE3.3	Preliminary review	Poles should include a factory-installed mounting bracket for security lights 20 feet up the pole	A	See detail 3B for factory installed mounting bracket for lights.

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### 20212 – Multi-Use Sports Fields

#### Submittal Review Comments - Dated: 11-18-20

Item No.	Comment No.	Location (sheet/DWG#)	Reviewer	Review Comment	Code	Response
7)	7	-	Preliminary review	Per the Ambient Lighting Zone the site is designated E3-Horizontal Avg/max is 2.0 and 8.0 and the average Vertical is 0.8 (excluding the sport field). Please provide overall horizontal and vertical footcandles for the site, excluding the sport field.	A	Added spill light calculations all around the job site to show 0.8 maximum. Meeting all other averages as requested.
8)	8	SE3.3	Preliminary review	Please include the light fixture shown in detail number 3B on sheet SE3.3 into the photometric plan and provide cut sheets.	A	Light fixture shown in detail 3B is called out in photometric legend as Musco Side Mount and is a Cooper Gan Galleon light per cut sheet on SE3.4

Fixture Information:

Fixture / Lamp Type	ID	Tilt	Knuckle Tilt
TLC-LED-1500-19 LED 5700K - 75 CRI	1	35.5	31.5
TLC-LED-1500-19 LED 5700K - 75 CRI	2	25.7	21.7
TLC-LED-1500-19 LED 5700K - 75 CRI	3	26	22
TLC-LED-1500-19 LED 5700K - 75 CRI	4	25.5	21.5
TLC-LED-1500-19 LED 5700K - 75 CRI	5	25	21
TLC-LED-1500-19 LED 5700K - 75 CRI	6	25	21
TLC-LED-1500-19 LED 5700K - 75 CRI	7	25	21
TLC-LED-1500-19 LED 5700K - 75 CRI	8	25.7	21.7
TLC-LED-1500-19 LED 5700K - 75 CRI	9	25.7	21.7
TLC-LED-1500-19 LED 5700K - 75 CRI	10	25	21
TLC-LED-1500-19 LED 5700K - 75 CRI	11	25.4	21.4
TLC-LED-1500-19 LED 5700K - 75 CRI	12	34.3	30.3
TLC-LED-1500-19 LED 5700K - 75 CRI	13	31.1	27.1
TLC-LED-1500-19 LED 5700K - 75 CRI	14	26.5	22.5
TLC-LED-1500-19 LED 5700K - 75 CRI	15	27.1	23.1
TLC-LED-1500-19 LED 5700K - 75 CRI	16	26.6	22.6
TLC-LED-1500-19 LED 5700K - 75 CRI	17	25.7	21.7
TLC-LED-1500-19 LED 5700K - 75 CRI	18	27.8	23.8
TLC-LED-1500-19 LED 5700K - 75 CRI	19	30.3	26.3
TLC-LED-1500-19 LED 5700K - 75 CRI	20	25	21
TLC-LED-1500-19 LED 5700K - 75 CRI	21	25	21
TLC-LED-1500-19 LED 5700K - 75 CRI	22	25	21
TLC-LED-1500-19 LED 5700K - 75 CRI	23	25	21
TLC-LED-1500-19 LED 5700K - 75 CRI	24	27.9	23.9
TLC-LED-1500-19 LED 5700K - 75 CRI	25	31.3	27.3
TLC-LED-1500-19 LED 5700K - 75 CRI	26	26.3	22.3
TLC-LED-1500-19 LED 5700K - 75 CRI	27	27.3	23.3
TLC-LED-1500-19 LED 5700K - 75 CRI	28	26.3	22.3
TLC-LED-1500-19 LED 5700K - 75 CRI	29	25.7	21.7
TLC-LED-1500-19 LED 5700K - 75 CRI	30	27.4	23.4
TLC-LED-1500-19 LED 5700K - 75 CRI	31	38.4	34.4
TLC-LED-1500-19 LED 5700K - 75 CRI	32	25	21
TLC-LED-1500-19 LED 5700K - 75 CRI	33	25	21
TLC-LED-1500-19 LED 5700K - 75 CRI	34	25	21
TLC-LED-1500-19 LED 5700K - 75 CRI	35	29.6	25.6
TLC-LED-1500-19 LED 5700K - 75 CRI	36	32.4	28.4
TLC-LED-1500-19 LED 5700K - 75 CRI	37	26.2	22.2
TLC-LED-1500-19 LED 5700K - 75 CRI	38	26.9	22.9
TLC-LED-1500-19 LED 5700K - 75 CRI	39	27.6	23.6
TLC-LED-1500-19 LED 5700K - 75 CRI	40	27.3	23.3
TLC-LED-1500-19 LED 5700K - 75 CRI	41	30	26
TLC-LED-1500-19 LED 5700K - 75 CRI	42	26.5	22.5
TLC-LED-1500-19 LED 5700K - 75 CRI	43	25	21

TLC-LED-1500-19 LED 5700K - 75 CRI	44	25	21
TLC-LED-1500-19 LED 5700K - 75 CRI	45	25	21
TLC-LED-1500-19 LED 5700K - 75 CRI	46	39	35
TLC-LED-1500-19 LED 5700K - 75 CRI	47	27.7	23.7
TLC-LED-1500-19 LED 5700K - 75 CRI	48	25.9	21.9
TLC-LED-1500-19 LED 5700K - 75 CRI	49	26	22
TLC-LED-1500-19 LED 5700K - 75 CRI	50	28.3	24.3
TLC-LED-1500-19 LED 5700K - 75 CRI	51	27.8	23.8
TLC-LED-1500-19 LED 5700K - 75 CRI	52	34.2	30.2
TLC-LED-1500-19 LED 5700K - 75 CRI	53	25.7	21.7
TLC-LED-1500-19 LED 5700K - 75 CRI	54	25	21
TLC-LED-1500-19 LED 5700K - 75 CRI	55	25	21
TLC-LED-1500-19 LED 5700K - 75 CRI	56	25.9	21.9
TLC-LED-1500-19 LED 5700K - 75 CRI	57	25.9	21.9
TLC-LED-1500-19 LED 5700K - 75 CRI	58	34	30
TLC-LED-1500-19 LED 5700K - 75 CRI	59	32.1	28.1
TLC-LED-1500-19 LED 5700K - 75 CRI	60	25.8	21.8
TLC-LED-1500-19 LED 5700K - 75 CRI	61	25.6	21.6
TLC-LED-1500-19 LED 5700K - 75 CRI	62	25.3	21.3
TLC-LED-1500-19 LED 5700K - 75 CRI	63	25.2	21.2
TLC-LED-1500-19 LED 5700K - 75 CRI	64	25	21
TLC-LED-1500-19 LED 5700K - 75 CRI	65	25.6	21.6
TLC-LED-1500-19 LED 5700K - 75 CRI	66	25.5	21.5
TLC-LED-1500-19 LED 5700K - 75 CRI	67	25	21
TLC-LED-1500-19 LED 5700K - 75 CRI	68	26.2	22.2
TLC-LED-1500-19 LED 5700K - 75 CRI	69	27.1	23.1
TLC-LED-1500-19 LED 5700K - 75 CRI	70	30.8	26.8
TLC-LED-1500-19 LED 5700K - 75 CRI	71	25	21
TLC-LED-1500-19 LED 5700K - 75 CRI	72	25	21
TLC-LED-1500-19 LED 5700K - 75 CRI	73	25	21
TLC-LED-1500-19 LED 5700K - 75 CRI	74	25	21
TLC-LED-1500-19 LED 5700K - 75 CRI	75	25.9	21.9
TLC-LED-1500-19 LED 5700K - 75 CRI	76	32.7	28.7
TLC-LED-1500-19 LED 5700K - 75 CRI	77	30.6	26.6
TLC-LED-1500-19 LED 5700K - 75 CRI	78	25	21
TLC-LED-1500-19 LED 5700K - 75 CRI	79	25	21
TLC-LED-1500-19 LED 5700K - 75 CRI	80	25	21
TLC-LED-1500-19 LED 5700K - 75 CRI	81	26.5	22.5
TLC-LED-1500-19 LED 5700K - 75 CRI	82	25	21
TLC-LED-1500-19 LED 5700K - 75 CRI	83	32.3	28.3
TLC-LED-1500-19 LED 5700K - 75 CRI	84	25.5	21.5
TLC-LED-1500-19 LED 5700K - 75 CRI	85	25.1	21.1
TLC-LED-1500-19 LED 5700K - 75 CRI	86	25.2	21.2
TLC-LED-1500-19 LED 5700K - 75 CRI	87	25	21
TLC-LED-1500-19 LED 5700K - 75 CRI	88	25	21
TLC-LED-1500-19 LED 5700K - 75 CRI	89	26.3	22.3
TLC-LED-1500-19 LED 5700K - 75 CRI	90	26.2	22.2

TLC-LED-1500-19 LED 5700K - 75 CRI	91	26.1	22.1
TLC-LED-1500-19 LED 5700K - 75 CRI	92	28.4	24.4
TLC-LED-1500-19 LED 5700K - 75 CRI	93	28.7	24.7
TLC-LED-1500-19 LED 5700K - 75 CRI	94	36.8	32.8
TLC-LED-1500-19 LED 5700K - 75 CRI	95	25	21
TLC-LED-1500-19 LED 5700K - 75 CRI	96	25	21
TLC-LED-1500-19 LED 5700K - 75 CRI	97	25.2	21.2
TLC-LED-1500-19 LED 5700K - 75 CRI	98	25.1	21.1
TLC-LED-1500-19 LED 5700K - 75 CRI	99	25.5	21.5
TLC-LED-1500-19 LED 5700K - 75 CRI	100	32.3	28.3
TLC-LED-1500-19 LED 5700K - 75 CRI	101	35.6	31.6
TLC-LED-1500-19 LED 5700K - 75 CRI	102	29	25
TLC-LED-1500-19 LED 5700K - 75 CRI	103	29.6	25.6
TLC-LED-1500-19 LED 5700K - 75 CRI	104	26.6	22.6
TLC-LED-1500-19 LED 5700K - 75 CRI	105	26.2	22.2
TLC-LED-1500-19 LED 5700K - 75 CRI	106	26.3	22.3
TLC-LED-1500-19 LED 5700K - 75 CRI	107	42.1	38.1
TLC-LED-1500-19 LED 5700K - 75 CRI	108	27.2	23.2
TLC-LED-1500-19 LED 5700K - 75 CRI	109	27.1	23.1
TLC-LED-1500-19 LED 5700K - 75 CRI	110	25	21
TLC-LED-1500-19 LED 5700K - 75 CRI	111	25	21
TLC-LED-1500-19 LED 5700K - 75 CRI	112	25	21
TLC-LED-1500-19 LED 5700K - 75 CRI	113	27.7	23.7
TLC-LED-1500-19 LED 5700K - 75 CRI	114	26.3	22.3
TLC-LED-1500-19 LED 5700K - 75 CRI	115	25	21
TLC-LED-1500-19 LED 5700K - 75 CRI	116	25	21
TLC-LED-1500-19 LED 5700K - 75 CRI	117	25.6	21.6
TLC-LED-1500-19 LED 5700K - 75 CRI	118	29.4	25.4
TLC-LED-1500-19 LED 5700K - 75 CRI	119	36.5	32.5
TLC-LED-1500-19 LED 5700K - 75 CRI	120	25.8	21.8
TLC-LED-1500-19 LED 5700K - 75 CRI	121	25	21
TLC-LED-1500-19 LED 5700K - 75 CRI	122	25	21
TLC-LED-1500-19 LED 5700K - 75 CRI	123	25	21
TLC-LED-1500-19 LED 5700K - 75 CRI	124	25	21
TLC-LED-1500-19 LED 5700K - 75 CRI	125	26.3	22.3
TLC-LED-1500-19 LED 5700K - 75 CRI	126	26.6	22.6
TLC-LED-1500-19 LED 5700K - 75 CRI	127	28.4	24.4
TLC-LED-1500-19 LED 5700K - 75 CRI	128	28.9	24.9
TLC-LED-1500-19 LED 5700K - 75 CRI	129	27.2	23.2
TLC-LED-1500-19 LED 5700K - 75 CRI	130	30.1	26.1

Average Tilt = 27.3

Max Tilt = 42.1

Min Tilt = 25.0

**STATE HISTORIC PRESERVATION OFFICE  
SURVEY REPORT SUMMARY FORM**

1

**1. REPORT TITLE**

- 1a. Report Title:** *Cultural Resources Survey of 44 Acres for the City of Scottsdale Multi-Use Sports Fields at Bell Road and 94th Street, Scottsdale, Maricopa County, Arizona*
- 1b. Report Author:** Pamela J. Rainey
- 1c. Date:** September 2020      **1d. Report No.:** 20-715

**2. PROJECT REGISTRATION/PERMITS**

- 2a. Arizona State Museum (ASM) Accession No.:** 2020-0291
- 2b. Arizona Antiquities Act Permit No.:** 2020-056bl
- 2c. Arizona State Land Department Lease Application No.:** Not applicable (N/A)
- 2d. Other Permit No.:** N/A

**3. ORGANIZATION/CONSULTING FIRM**

- 3a. Name:** EcoPlan Associates, Inc. (EcoPlan)
- 3b. Internal Project No.:** 20-715
- 3c. Internal Project Name:** City of Scottsdale Multi-Use Sports Fields
- 3d. Contact Name:** Jay D. Franklin, PhD
- 3e. Contact Address:** 701 W. Southern Ave., Suite 203, Mesa, AZ 85210
- 3f. Contact Phone:** (480) 733-6666, ext. 106
- 3g. Contact Email:** jfranklin@ecoplanaz.com

**4. SPONSOR/LEAD AGENCY**

- 4a. Sponsor:** Gavan & Barker, Inc.
- 4b. Lead Agency:** City of Scottsdale
- 4c. Agency Project No.:** N/A
- 4d. Agency Project Name:** City of Scottsdale Multi-Use Sports Fields
- 4e. Funding Source:** Private
- 4f. Other Involved Agency:** ASM
- 4g. Applicable Regulations:** Arizona Revised Statutes (ARS) §41-841 et seq., §41-844, and §41-865; Scottsdale Revised Code, Chapter 46, Article VI

- 5. DESCRIPTION OF PROJECT OR UNDERTAKING:** The City of Scottsdale is planning to construct a multi-use sports complex at the northwest corner of 94th Street and Bell Road. The purpose of the intensive pedestrian (Class III) cultural resources survey reported here was to identify cultural resources within the project area, assess their eligibility for listing

**STATE HISTORIC PRESERVATION OFFICE  
SURVEY REPORT SUMMARY FORM**

2

in the National Register of Historic Places (NRHP) in accordance with 36 Code of Federal Regulations 60.4, and make a recommendation concerning the potential effect of the proposed undertaking on cultural resources listed in or eligible for listing in the NRHP.

6. **PROJECT AREA:** The project area is at the northwest corner of Bell Road and 94th Street in Scottsdale, Maricopa County, Arizona. It encompasses 44 acres of undeveloped desert owned by the City of Scottsdale.

7. **PROJECT LOCATION**

- 7a. **Address:** N/A
- 7b. **Route:** N/A
- 7c. **Milepost Limits:** N/A
- 7d. **Nearest City/Town:** Scottsdale
- 7e. **County:** Maricopa
- 7f. **Project Locator Universal Transverse Mercator (UTM):** 418293m Easting  
3722831m Northing
- 7g. **North America Datum:** 83
- 7h. **Zone:** 12
- 7i. **Meridian and Base Line:** Gila and Salt River
- 7j. **US Geological Survey Quadrangle:** Currys Corner
- 7k. **Legal Description:** Township 4 North, Range 5 East, Section 31

8. **SURVEY AREA**

- 8a. **Total Acres:** 44

8b. **Survey area:**

1. Land Jurisdiction	2. Total Acres Surveyed	3. Total Acres Not Surveyed	4. Justification for Areas Not Surveyed
City of Scottsdale right-of-way	44	0	N/A

9. **ENVIRONMENTAL CONTEXTS**

- 9a. **Landform:** Fan terraces
- 9b. **Elevation:** 1,575 feet above mean sea level
- 9c. **Surrounding Topographic Feature:** The McDowell Mountains are approximately 2 miles to the east.
- 9d. **Nearest Drainage:** Unnamed north-south wash in the east portion of the project area.
- 9e. **Local Geology:** The survey area is within the Basin and Range Province of Arizona (Chronic 1983). The local geology consists of Holocene surficial deposits made up of

**STATE HISTORIC PRESERVATION OFFICE  
SURVEY REPORT SUMMARY FORM**

3

primarily fine-grained, well-sorted sediment on alluvial plains and gravelly channel, terrace, and alluvial fan deposits on middle and upper piedmont (Richard et al. 2000).

- 9f. Vegetation:** Lower Colorado Subdivision, Sonoran Desertscrub (Turner and Brown 1994). Vegetation observed within the project area included saguaro and cholla cacti, paloverde, mesquite, creosote, and various annuals and grasses.
- 9g. Soils/Deposition:** Soils within the project area consist of well-drained gravelly sandy loam of the Momoli gravelly sandy loam complex that forms on fan terraces (Natural Resources Conservation Service 2019).
- 9h. Buried Deposits:** Not likely
- 9i. Justification:** Portions of the project area have been disturbed by the construction of a transmission line. Inspection of spoil piles and wash banks did not locate any artifacts.
- 10. BUILT ENVIRONMENT:** The project area is bordered by apartment and commercial buildings to the north, 94th Street to the east, Bell Road to the south, and transmission lines to the west.
- 11. INVENTORY CLASS COMPLETED**
- 11a. Class I Inventory:** ☐
- 11b. Researcher:**
- 11c. Class II Survey:** ☐
- 11d. Sampling Strategy:**
- 11e. Class III Inventory:** ☒
- 12. BACKGROUND RESEARCH SOURCES**
- 12a. AZSITE (2020):** ☒
- 12b. ASM Archaeological Records Office:** ☒
- 12c. State Historic Preservation Office (SHPO) Inventories and/or SHPO Library:** ☒
- 12d. NRHP Database:** ☒
- 12e. Arizona Department of Transportation Portal:** ☐
- 12f. General Land Office (GLO) Maps:** Township 4 North, Range 5 East, Gila and Salt River Meridian and Base Line, filed February 26, 1921; no potential resources were observed within the project area.
- 12g. Land-Managing Agency Files:** N/A
- 12h. Tribal Cultural Resources Files:** N/A
- 12i. Local Government Websites:** N/A
- 12j. Other:** N/A

**STATE HISTORIC PRESERVATION OFFICE  
SURVEY REPORT SUMMARY FORM**

4

**13. BACKGROUND RESEARCH RESULTS**

**13a. Previous Cultural Resource Investigations That Intersect the Project Area.**

<b>1. Project Reference No.</b>	<b>2. Project Name</b>	<b>3. Author(s)</b>	<b>4. Year</b>
1986-46.ASM	Jones Development Survey (3)	Myers	1986
1995-297.ASM	DC Ranch/DMB Survey (155-163)	Owens	1995
2004-634.ASM	80ac at 94th Street and Bell	North et al.	2004
2008-524.ASM	Core South 22 Parcel	Bellavia and Mitchell	2007
2010-522.ASM	APS 69kV Transmission Line	Watkins	2011
2014-217.ASM	Raintree to East End 69kV Line Siting	Unknown	Unknown
2015-604.ASM	Pinnacle Peak to Rogers 230kV Transmission Line	Schaafsma and Howard	2016

**13b. Previously Recorded Cultural Resources That Intersect the Project Area.**

<b>1. Site No./Name</b>	<b>2. Cultural/Temporal Affiliation</b>	<b>3. Site Type</b>	<b>4. NRHP Status</b>	<b>5. Associated Reference(s)</b>
N/A	N/A	N/A	N/A	N/A

**13c. Historic Buildings/Districts/Neighborhoods.**

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

**14. CULTURAL CONTEXTS**

**14a. Prehistoric Cultures:** Paleoindian, Archaic, Hohokam

**14b. Protohistoric Culture:** Akimel O'odham

**14c. Indigenous Historic Culture:** Akimel O'odham

**14d. Euroamerican Culture:** AD 1598–1950

**15. FIELD SURVEY PERSONNEL**

**15a. Principal Investigator:** Jay D. Franklin, PhD

**15b. Field Supervisor:** Pamela J. Rainey

**15c. Crew:** Andrew D. Lack

**15d. Fieldwork Date:** September 3, 2020

**STATE HISTORIC PRESERVATION OFFICE  
SURVEY REPORT SUMMARY FORM**

5

**16. SURVEY METHODS**

**16a. Transect Intervals:** 15 m

**16b. Coverage (%):** 100

**16c. Site Recording Criteria:** ASM

**16d. Ground Surface Visibility (%):** 80–90

**16e. Observed Disturbances:** Various two-track and bladed dirt roads crisscross the project area, and multiple mounds of rubble were noted throughout and especially near the transmission lines along the west edge of the project area. Both the roads and the rubble mounds are likely associated with the construction and maintenance of the transmission lines and the use of recreational vehicles.

**17. FIELD SURVEY RESULTS**

**17a. No Cultural Resources Identified:** ☐

**17b. Historical In-Use Structures Identified:** ☐; **Form(s) Attached:** ☐

**17c. No. of Isolated Occurrences (IOs) Recorded:** 1

**17d. Table of IOs.**

1. IO No.	2. Description	3. Date Range	4. UTM
1	Underground storage tank, approximately 6.5 x 6.25 x 3 feet (L x W x D)	Late historic or modern	418515mE 3722969 mN

**18. COMMENTS:**

The City of Scottsdale is planning to construct a multi-use sports complex at the northwest corner of 94th Street and Bell Road. EcoPlan conducted a Class III survey of the project area to identify and record any cultural resources that may be eligible for inclusion in the NRHP. One IO, an underground storage tank of indeterminate age and function, was located. The tank is most likely late historic to modern in age and is not eligible for inclusion in the NRHP. EcoPlan does not recommend any further archaeological investigations within the project area.

**19. ATTACHMENTS**

**19a. Project Location Map:** ☒ (Figure 1)

**19b. Land Jurisdiction Map:** ☒ (Figure 2)

**19c. Background Research Map:** ☒ (Figure 4)

**19d. GLO Map:** ☐

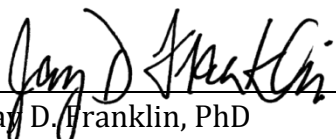
**19e. References:** ☒

**STATE HISTORIC PRESERVATION OFFICE  
SURVEY REPORT SUMMARY FORM**

6

**20. CONSULTANT CERTIFICATION**

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

**Signature:**       **Date:** September 11, 2020  
**Name:** Jay D. Franklin, PhD  
**Title:** Principal Investigator

**21. DISCOVERY CLAUSE**

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

If human remains are encountered during ground-disturbing activities, all work must immediately cease within 30 m (100 feet) of the discovery, and the area must be secured. The ASM, lead agency, SHPO, and appropriate tribes must be notified of the discovery. All discoveries would be treated in accordance with Native American Graves Protection and Repatriation Act (Public Law 101-601; 25 USC 3001-3013) or the ARS (§ 41-844 and § 41-865), as appropriate, and work must not resume in this area without authorization from the ASM and the lead agency.

STATE HISTORIC PRESERVATION OFFICE  
SURVEY REPORT SUMMARY FORM

7

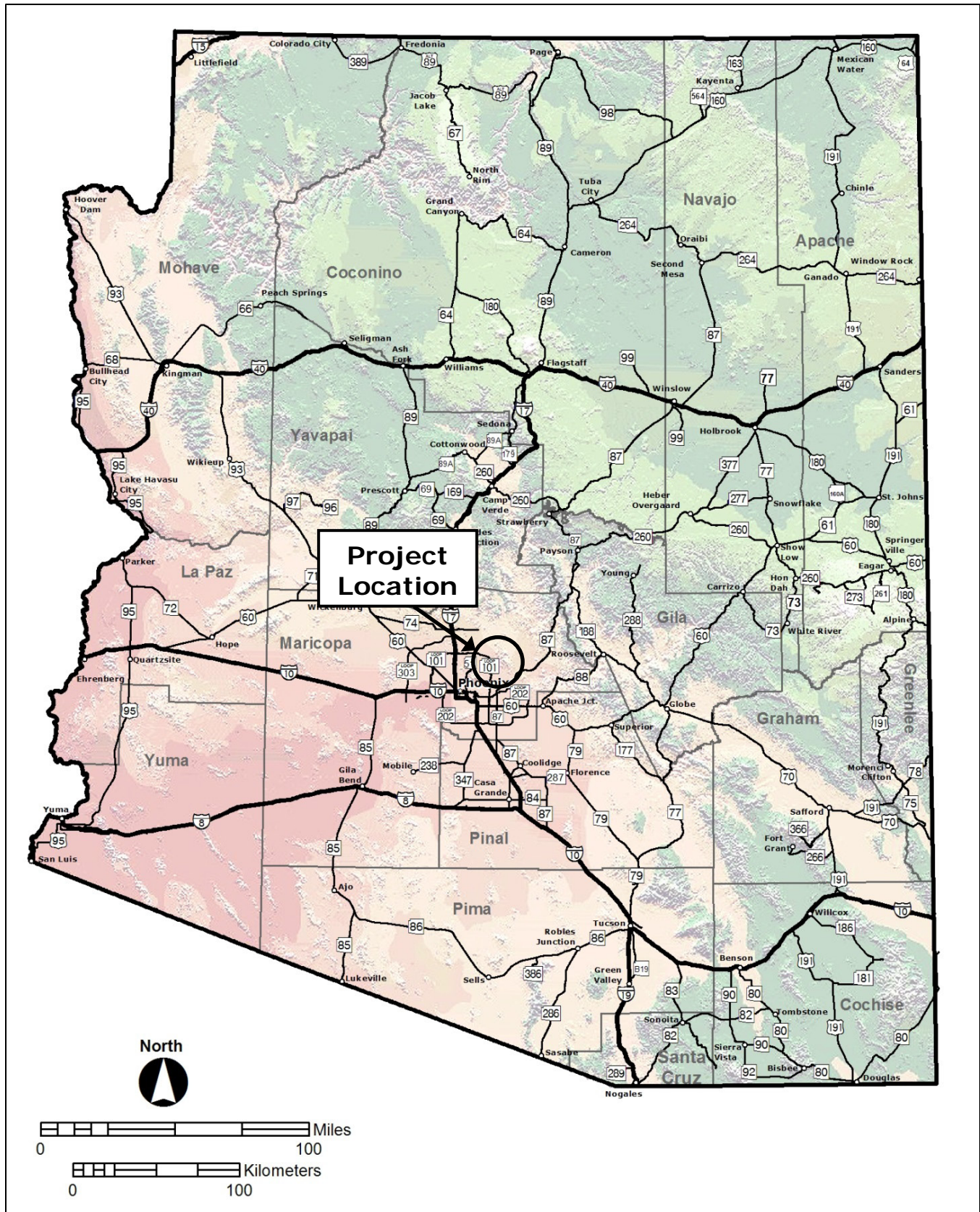
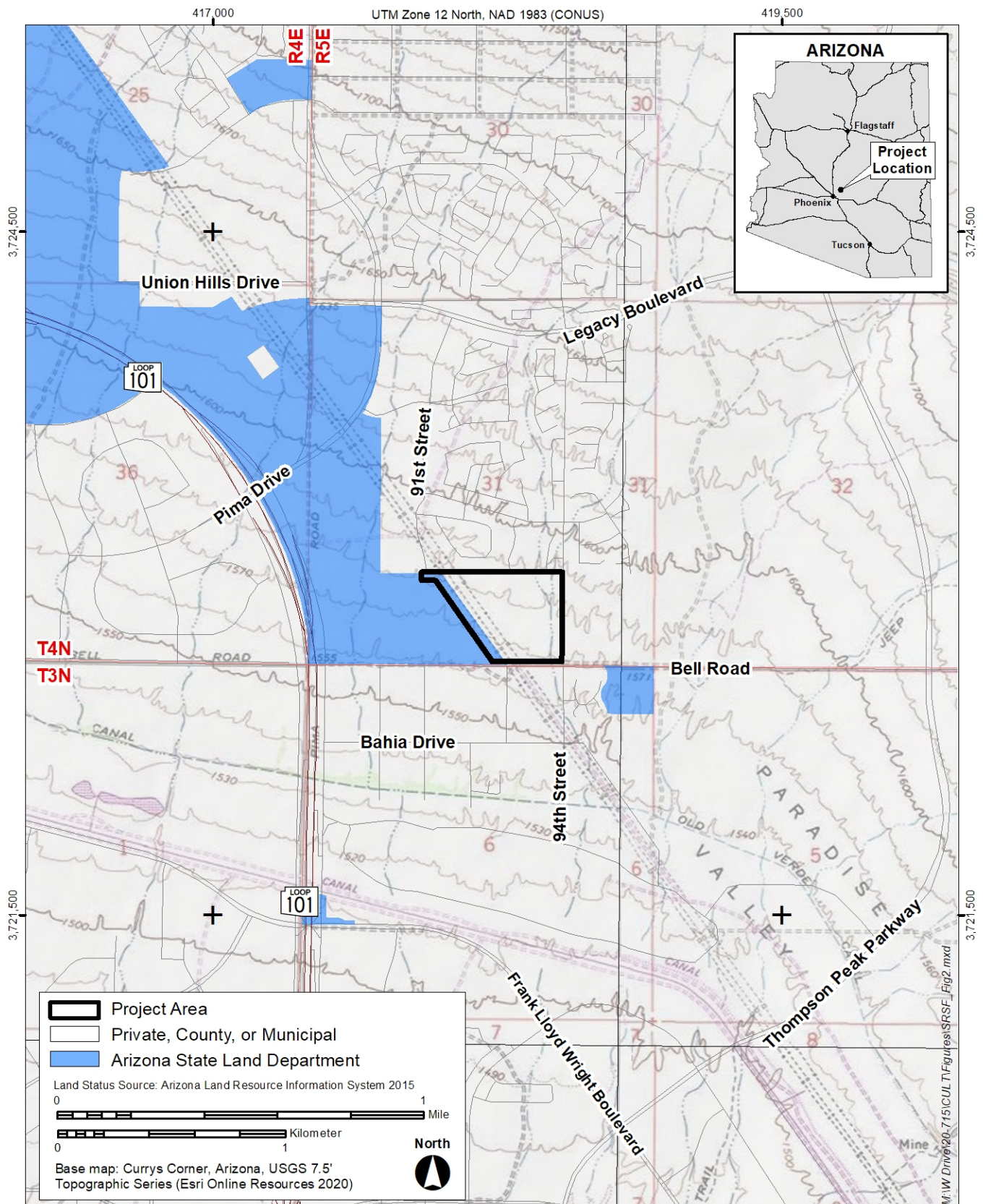


Figure 1. Project location

# STATE HISTORIC PRESERVATION OFFICE SURVEY REPORT SUMMARY FORM

8



**Figure 2. Project location and land jurisdiction**

**STATE HISTORIC PRESERVATION OFFICE  
SURVEY REPORT SUMMARY FORM**

9



**Figure 3. Project area overview, view southwest**

# STATE HISTORIC PRESERVATION OFFICE SURVEY REPORT SUMMARY FORM

10

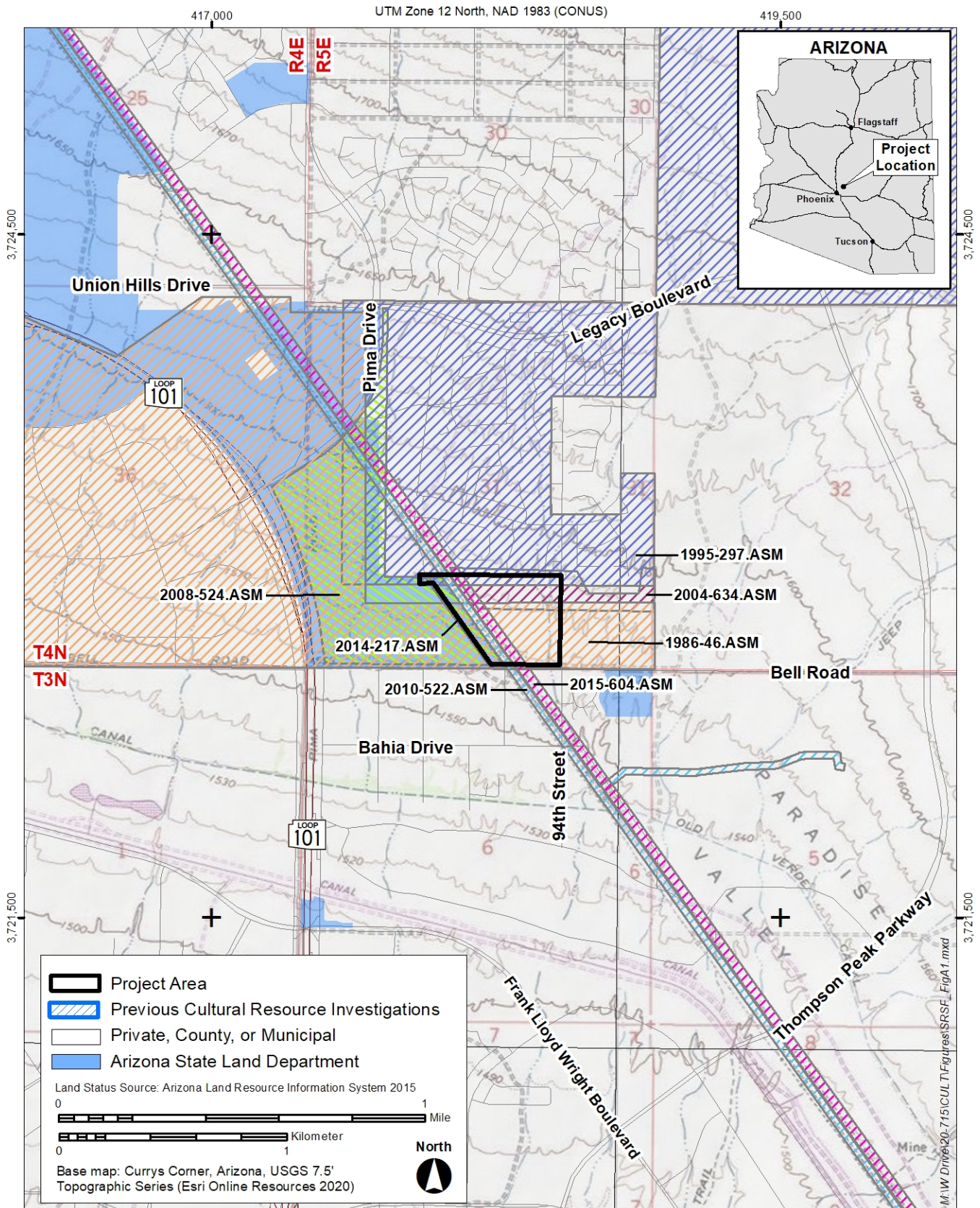


Figure 4. Background research

# STATE HISTORIC PRESERVATION OFFICE SURVEY REPORT SUMMARY FORM

11

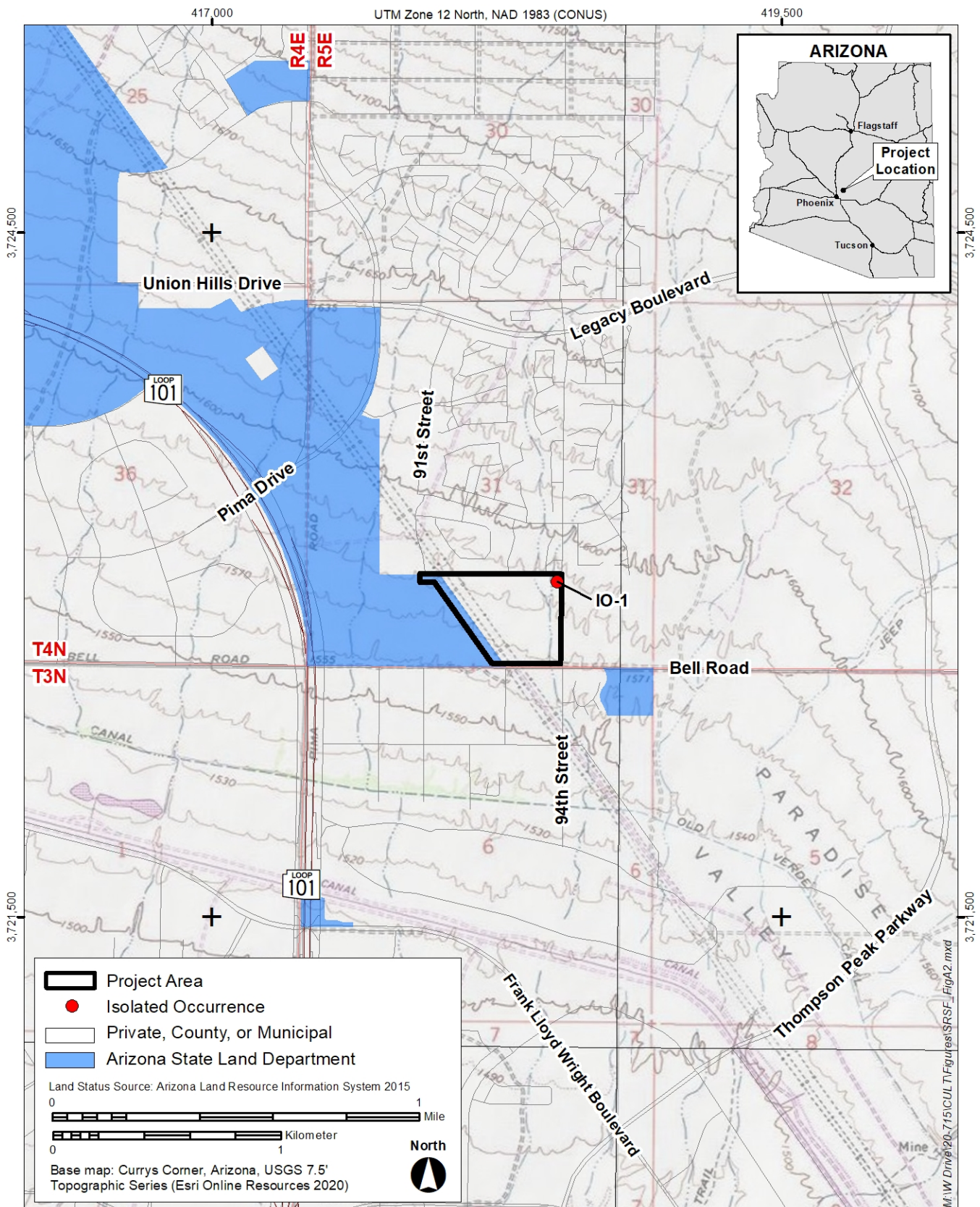


Figure 5. Survey Results

**STATE HISTORIC PRESERVATION OFFICE  
SURVEY REPORT SUMMARY FORM**

12

**References**

AZSITE

- 2020 Arizona's Cultural Resource Inventory. Cultural resources database managed by the Arizona State Museum, University of Arizona, Tucson, Arizona. <http://azsite3.asurite.ad.asu.edu/azsite/>, accessed September 1, 2020.

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- 2007 *A Cultural Resources Survey of 130 Acres for the Core South 22 Parcel in Scottsdale, Maricopa County, Arizona*. Cultural Resources Report No. 07-70. SWCA Environmental Consultants, Tucson, Arizona.

Chronic, Halka

- 1983 *Roadside Geology of Arizona*. Mountain Press, Missoula, Montana.

Myers, Cindy L.

- 1986 Forest City, Scottsdale Company, Scottsdale Princess Partnership, The Eagle Partnership. Janus Associates, Inc., Arizona.

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- 2019 Web Soil Survey. US Department of Agriculture. <http://websoilsurvey.sc.egov.usda.gov/App/WebSoilSurvey.aspx>, accessed September 3, 2020.

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- 2004 *Archaeological Survey of 80 Acres near 94th Street and Bell Road, Scottsdale, Maricopa County, Arizona*. Cultural Resources Report No. 04-200. SWCA Environmental Consultants, Phoenix, Arizona.

Owens, Jeffrey D.

- 1995 *A Cultural Resources Survey of Sections 29 and 31 of the DC Ranch Property, North Scottsdale, Maricopa County, Arizona*. Technical Report No. 95-12. Soil Systems, Inc., Phoenix, Arizona.

Richard, S. M., S. J. Reynolds, J. E. Spencer, and P. A. Pearthree

- 2000 Geologic Map of Arizona: Arizona Geological Survey Map 35, 1 sheet scale 1:1,000,000.

Schaafsma, Hoski, and Alexandra Howard

- 2016 *Cultural Resources Survey of the Pinnacle Peak to Rogers 230kV Transmission Line, Maricopa County, Arizona*. Report No. 15-545001. EcoPlan Associates, Inc., Mesa, Arizona.

Turner, Raymond M., and David E. Brown

- 1994 *Biotic Communities of the American Southwest—United States and Mexico*, edited by David E. Brown, Vol. 4. University of Arizona Press, Tucson, Arizona.

**STATE HISTORIC PRESERVATION OFFICE**  
**SURVEY REPORT SUMMARY FORM**

13

Watkins, Christopher N.

- 2011    *A Cultural Resources Survey of 7.34 Miles (92.27 Acres) of State and Federal Land for the Arizona Public Service 230-6 and 230-7 (Ocotillo-Pinnacle Peak) 230-kV and M-36 (Cactus-Pinnacle Peak) 69-kV Transmission Lines in Maricopa County, Arizona.* Logan Simpson Design, Inc., Tempe, Arizona.

**From:** Venker, Steve  
**Sent:** Monday, August 24, 2020 2:55 PM  
**To:** Phillips, Joe  
**Cc:** Tessier, Meredith; Hardy, Wendy  
**Subject:** RE: COS Sports Park Project (20-715)

Hi Joe,

Sorry about the confusion regarding the Archaeology Survey and Report requirement for this project. We have recently worked on updating this application checklist and Item 17 Archaeological Resources appears to need revision.

Ecoplan is correct. An Archaeology Survey and Report (ASR) will be required because we don't have an ASR in our records for parcel 215-07-023D. Also, the previous ASRs are more than ten years old and the State Historic Preservation Office has provided guidance to the effect that during the years since those ASRs aspects of the parcel might have changed due to water and wind erosion, and sometimes a wildfire, that might expose artifacts that were not visible previously. So, an ASR will be required.

Thank you.

Steve Venker  
City Archaeologist

---

**From:** Phillips, Joe <[JPhillips@Scottsdaleaz.gov](mailto:JPhillips@Scottsdaleaz.gov)>  
**Sent:** Monday, August 24, 2020 9:34 AM  
**To:** Venker, Steve <[SVenker@Scottsdaleaz.gov](mailto:SVenker@Scottsdaleaz.gov)>  
**Subject:** FW: COS Sports Park Project (20-715)

Hello Steve,

Can we set up a meeting with you to discuss the effort Ecoplan will need to put together for this report?  
Is there someone else I should include in this meeting?

---

**From:** John Barker <[jbarker@gavanbarker.com](mailto:jbarker@gavanbarker.com)>  
**Sent:** Monday, August 24, 2020 8:19 AM  
**To:** Phillips, Joe <[JPhillips@Scottsdaleaz.gov](mailto:JPhillips@Scottsdaleaz.gov)>  
**Subject:** FW: COS Sports Park Project (20-715)

**⚠ External Email: Please use caution if opening links or attachments!**

Joe,

Please see Ecoplan's question below regarding level of effort required for the Archaeological resources checklist item #17.

If you could please check with Planning and let me know.

Thanks,  
John

---

**From:** Maria Altemus <[maltemus@ecoplanaz.com](mailto:maltemus@ecoplanaz.com)>  
**Sent:** Friday, August 21, 2020 2:05 PM  
**To:** John Barker <[jbarker@gavanbarker.com](mailto:jbarker@gavanbarker.com)>  
**Cc:** Lindsey Zurcher <[lzurcher@ecoplanaz.com](mailto:lzurcher@ecoplanaz.com)>; Jay Franklin <[jfranklin@ecoplanaz.com](mailto:jfranklin@ecoplanaz.com)>; Pamela Rainey <[prainey@ecoplanaz.com](mailto:prainey@ecoplanaz.com)>  
**Subject:** RE: COS Sports Park Project (20-715)

Hi John,

We can prepare a proposal, and get it to you early next week. Can you verify with the City what they need in terms of deliverables for the project? The two checklists that you sent are a little confusing as far as what exactly is needed, as one seems to indicate that a records check (Class I) is needed, whereas the other checklist seems to indicate that a survey is also needed (Class III survey and report). Our Assistant Director of Cultural Resources (Pam Rainey) believes a survey will be needed because the project area was previously surveyed by two surveys, over ten years ago.

I discussed the tentative schedule with the Pam. If we get the NTP by 8/28, for the more involved Class III fieldwork survey and report, we can get folks in the field the first week of September and get you a cultural report the week of 9/14. If only a Class I records check is needed, we can likely get that to you a bit sooner.

Let me know if that will work.

All the best,

**Maria M. Altemus | EcoPlan Associates, Inc.**

**O:** (520) 624-4326, ext. 111 | **C:** (520) 624-4326, ext. 211