

**LEGEND**



Rezoning Site



Public/Private School

Jim Portner, Agent for Owner  
 PROJECTS INTERNATIONAL, INC.  
 10836 E. ARMADA LANE  
 TUCSON, ARIZONA 85749  
 520 850-0917



**Thornydale/Overton**  
 SEC THORNYDALE ROAD at OVERTON ROAD  
 (Ownership Entity: Wong Family Limited Partnership)  
 REZONING: SR to CR-5 & CB-1

EXHIBIT II-K.1  
 PUBLIC SCHOOLS



**GOVERNING BOARD**

Tom Carlson, President  
Maribel Lopez, Ed.D., Vice President  
Suzanne Hopkins, Member  
John Lewandowski, Member  
Dan Post, Member



**ADMINISTRATION**

Doug Wilson, Ed.D., Superintendent  
Carolyn Dumler, Ed.D., Assistant Superintendent  
Kristin Reidy, Assistant Superintendent  
Dan Contorno, Chief Financial Officer

January 24, 2018

Mr. Jim Portner  
PROJECTS INTERNATIONAL, INC.  
10836 E. Armada Lane  
Tucson, AZ 85749

**RE: Rezoning of property on SE Corner of Thornydale and Overton Roads within Marana Unified Schools**

Dear Mr. Portner,

Thank you for informing us of the 18-acre property on which KB Home is proceeding with a rezoning application to Pima County. Based on the KB Home's proposal you shared in your message; the site could be developed into 52 single family homes. Marana Unified School District currently uses a factor of .25 per home for elementary and .1 per home secondary. Your anticipated 52 homes could have a growth impact of 13 elementary students and 5 secondary students.

These students can be supported by the following schools with their current enrollment and capacity numbers shown Ironwood Elementary (649/766), Tortolita Middle School (786/1234), and Mountain View High School (1767/2257). All schools have capacity for the impact this proposed development may have on our student population under current conditions. Additionally, by your timeline of 2019 for the development, Marana Schools should have an additional K-8 school completed to help stay ahead of student capacity needs.

Thank you for developing homes and businesses in our community. Marana Unified School District knows that one of the keys to the continued success of our wonderful community is the quality of our children's education. This belief is held so strongly that we have multiple developers providing the school district with rooftop development funds as they increase the number of properties being built in our community. The district uses these funds to ensure as we grow they are able to provide the necessary infrastructure to support the presentation of an inspiring education. Your voluntary participation in this process is an invaluable investment in our community. Please contact the Marana Schools finance office at 520-682-4756 to learn more about participation.

Please contact Dan Contorno at 520-682-4756, or myself at 520-616-4521 if you have any further questions.

Sincerely,

Russell Federico, M.Ed.  
Executive Director of Operations  
Marana Unified School District

*Inspiring students to learn today and lead tomorrow.*

11279 W. Grier Road • Marana, Arizona 85653 • (520) 682-3243 • [www.maranausd.org](http://www.maranausd.org)

**Exhibit II-K.2  
Marana Unified School District Capacity Letter**

## **L. RECREATION & TRAILS**

### **1. On-Site Recreation Elements**

Due to the moderate number of residential lots (52) proposed in this subdivision, together with the nearby proximity of Arthur Pack Regional Park, the developer does not envision providing a private recreation facility within the proposed project. At the time of future subdivision platting, the developer will work with the Department of Natural Resources, Parks & Recreation (DNRPR) to evaluate the project vis-à-vis Pima County Zoning Code Section 18.69.060 and to determine whether the development of the designated Hardy Wash Trail No. 160 alignment through the site (a secondary trail) is deemed appropriate at this time by DNRPR, the amount of recreation in-lieu fees that are required, etc. No physical improvements for the Hardy Wash Trail presently exist anywhere in the project vicinity.

Any impacts of future designated-trail facilities on Conservation Lands System (CLS) natural areas will affect CLS compliance and will be compensated during finalization of the required off-site CLS mitigation at the time of subdivision platting.

### **2. Ownership & Maintenance of Recreation Elements & Natural Areas**

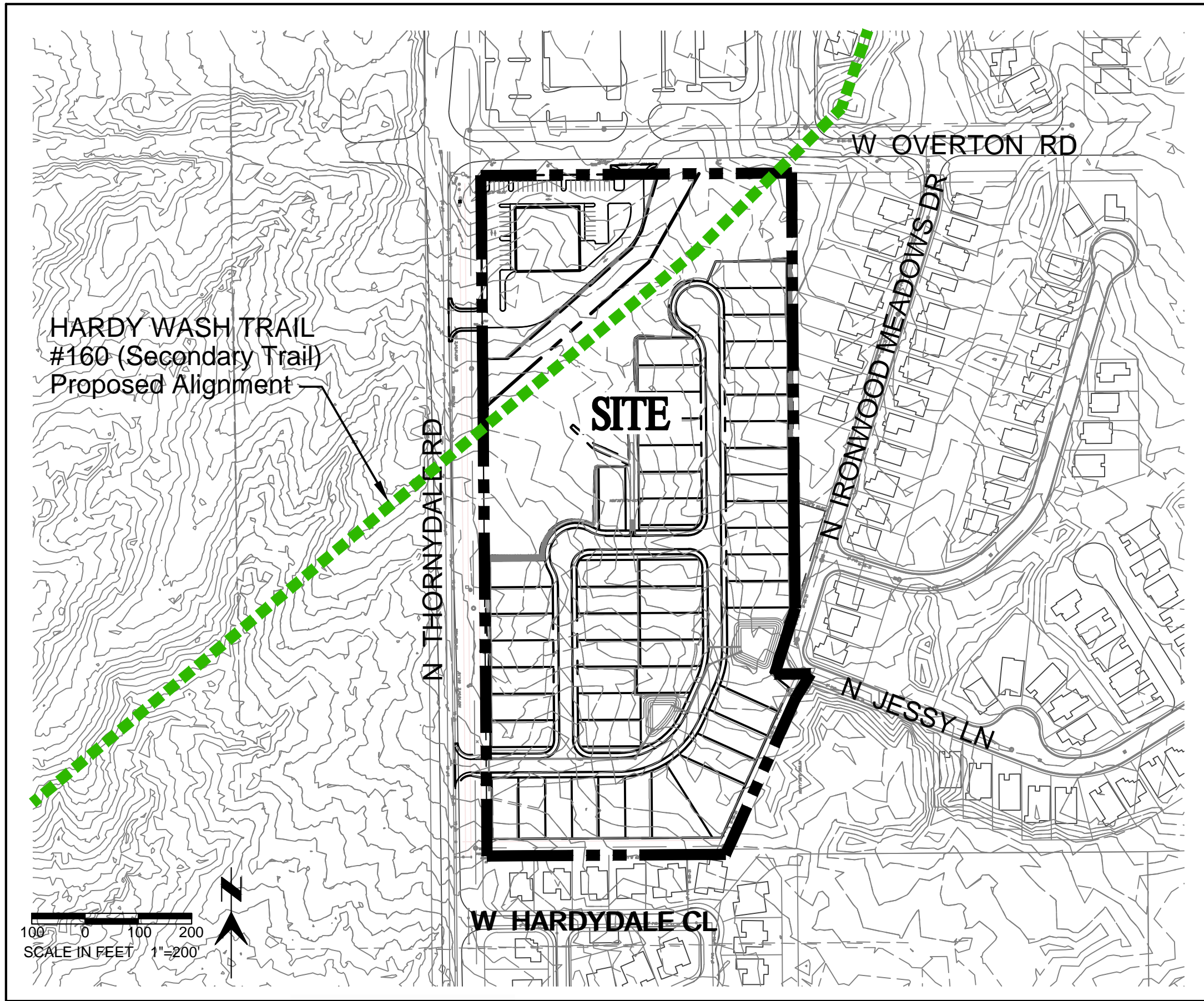
No formal private recreation area is contemplated for the new residential subdivision. Any minor recreation improvements that may be provided on-site (e.g. passive nature trails or play areas within detention basins), would be located within designated common areas and be owned and maintained by the subdivision's homeowners association (HOA).

### **3. Proposed Public Trails In or Adjacent to the Development**

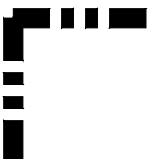

As shown on Exhibit II-L, the proposed Hardy Wash Trail No. 160 alignment is proposed within the onsite Hardy Wash corridor. NRPR indicates that there is presently no established timeframe from the ultimate construction of this regional trail.

In accordance with Pima Prospects Section 4.8 (Goal 1, Policy 3.e) and Section 4.10 (Goal 1, Policy 2.e), the Preliminary Development Plan (PDP) reflects the aforementioned regional trail alignment, together with sidewalks provided on both sides of the subdivision streets, to facilitate potential future access to the trail at which time it is ultimately constructed.

The developer will coordinate with the Department of Natural Resources, Parks and Recreation at the time of future subdivision platting to determine whether any associated trail easements will be required for Hardy Wash Trail #160.



**LEGEND**

-  PDP Boundary
-  Proposed Conceptual Alignment; Hardy Wash Trail No. 160

**NOTE:**

No private on-site recreation facilities are proposed with this project.

Jim Portner, Agent for Owner  
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 SEC THORNYDALE ROAD at OVERTON ROAD  
 (Ownership Entity: Wong Family Limited Partnership)  
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**EXHIBIT II-L**  
 ON-SITE RECREATION & TRAILS  
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**M. CULTURAL RESOURCES: ARCHAEOLOGICAL/HISTORIC SITES**

**1. Mitigation Measures for Already Identified/Known Resources**

As indicated in Section I-H of this Site Analysis, a records search was conducted for the site in November, 2017 by Westland Resources, Inc. No cultural resource sites have been documented on the property. No further archaeological surveys are recommended. The standard cautions and protocol are provided if future construction activities reveal sub-surface archaeological resources.

**2. Measures Employed if Archaeological Survey is Recommended**

Not applicable; no further surveys are recommended at this time.

**3. Submittal Timing, etc. of Mitigation Plan**

Not applicable; no resources have been identified.

a. Outline of Resource Assessment Program

Not applicable for the same reasons stated directly above.

b. Effective Preservation Plan or Data Recovery

Not applicable for the same reasons stated directly above.

c. Schedule of Mitigation Plan Implementation

Not applicable for the same reasons stated directly above.

**N. ENVIRONMENTAL QUALITY**

**1. Dust Control During Construction**

During construction, a Stormwater Pollution Prevention Plan (SWPPP), along with a Notice of Intent (NOI), will be prepared in accordance with Arizona Department of Environmental Quality (ADEQ) regulatory permit requirements. The SWPPP and NOI will discuss, among other items, the proposed dust-control and erosion-control measures that must be undertaken and suitably performed by the project's contractor as stipulations of the grading permit.

**O. AGREEMENTS**

**1. Specific Agreements with Neighboring Property Owners**

No specific or formal agreements are in place with any neighboring property owners at the time of this Site Analysis submittal. No registered neighborhood associations existing within the surrounding area. We have, however, identified individual homeowner association (HOA) representatives and leaders within the nearby existing residential neighborhoods.

Prior to any formal full-notice public neighborhood meeting on this rezoning, we will undertake individual discussions with these nearby HOA leaders so as to inform them of the proposed rezoning and its particulars, and to identify any salient issues prior to engaging their full memberships.

Pima County staff will be duly appraised as to the above neighborhood interactions as they proceed.

## Bibliography

Pima County Department of Transportation, Traffic Engineering Division website for current traffic counts; <http://dot.pima.gov/trafeng/trafcnt/adt.htm>.

Pima County Major Streets & Scenic Routes Plan. *Pima County Ordinance No. 1995-42, as amended. Case No. Co14-79.* Web address: <http://gis.pima.gov/maps/majscenic/mssr.pdf>

Institute of Transportation Engineers (ITE). 2008. *Trip Generation, 8<sup>th</sup> Edition: An ITE Informational Report.*

The Smart Growth Network website, *Smart Growth Principles*, <http://www.smargrowth.org/engine/index.php/principles>

## **APPENDICES**



**Appendix A:**  
**Cultural Resources Survey**

**A CLASS III CULTURAL RESOURCES INVENTORY OF  
18.3 ACRES AT THE SOUTHEAST CORNER OF  
THORNYDALE ROAD AND OVERTON ROAD  
IN UNINCORPORATED PIMA COUNTY, ARIZONA**

KB Home – Tucson Division

Prepared by:  
John M. D. Hooper

Reviewed and submitted by:  
Fred Huntington

Cultural Resources Report 2017-100

November 16, 2017

Project Number: 1111.02



WestLand Resources

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

**I. REPORT TITLE**

- Ia. Report Title:** A Class III Cultural Resources Inventory of 18.3 Acres at the Southeast Corner of Thornydale Road and Overton Road in Unincorporated Pima County, Arizona
- Ib. Report Author(s):** John M. D. Hooper
- Ic. Date:** November 16, 2017      **Id. Report No.:** 2017-100

**2. PROJECT REGISTRATION/PERMITS**

- 2a. ASM Accession Number:** None
- 2b. AAA Permit Number:** None (private land)
- 2c. ASLD Lease Application Number(s):** None
- 2d. Other Permit Number(s):** None

**3. ORGANIZATION/CONSULTING FIRM**

- 3a. Name:** WestLand Resources, Inc.
- 3b. Internal Project Number:** 1111.02
- 3c. Internal Project Name:** KB Home Thornydale/Overton Class III
- 3d. Contact Name:** Frederick W. Huntington
- 3e. Contact Address:** 4001 East Paradise Falls Drive, Tucson, Arizona 85712
- 3f. Contact Phone:** (520) 206-9585
- 3g. Contact Email:** fhuntington@westlandresources.com

**4. SPONSOR/LEAD AGENCY**

- 4a. Sponsor:** KB Home – Tucson Division
- 4b. Lead Agency:** Pima County
- 4c. Agency Project Number(s):** None
- 4d. Agency Project Name:** None
- 4e. Funding Source(s):** Private
- 4f. Other Involved Agencies:** None
- 4g. Applicable Regulations:** None



# STATE HISTORIC PRESERVATION OFFICE

## SURVEY REPORT SUMMARY FORM

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**5. DESCRIPTION OF PROJECT OR UNDERTAKING:** KB Home is performing due diligence prior to purchasing five parcels southeast of the intersection of Thornydale Road and Overton Road (within the Casas Adobes Census-designated Place) in unincorporated Pima County, Arizona.

**6. SURVEY AREA/AREA OF POTENTIAL EFFECTS:** The survey area consists of five contiguous parcels—Pima County Parcels 225-02-027F, 225-02-027G, 225-02-027H, 225-02-027J, and 225-03-492B—located southeast of the intersection of Thornydale Road and Overton Road. No project is proposed.

### 7. PROJECT LOCATION

**7a. Address:** Pima County Parcels 225-02-027F, 225-02-027G, 225-02-027H, 225-02-027J, and 225-03-492B

**7b. Route:** None **7c. Mileposts Limits:** None

**7d. Nearest City/Town:** Oro Valley **7e. County:** Pima

**7f. Project Locator UTM:** 495597 mE 3581827 mN **7g. NAD:** 83 **7h. Zone:** 12

**7i. Baseline & Meridian:** Gila and Salt River **7j. USGS Quadrangle(s):** Jaynes, Arizona

**7k. Legal Description(s):** Township 12 South, Range 13 East, SW¼ of Section 20

### 8. SURVEY AREA

**8a. Total Acres:** 18.3

**8b. Survey Area:**

1. Land Jurisdiction	2. Total Acres Surveyed	3. Total Acres Not Surveyed	4. Justification for Areas Not Surveyed
Private	18.3	None	n/a

### 9. ENVIRONMENTAL CONTEXTS

**9a. Landform:** Lower bajada/basin floor

**9b. Elevation:** 2,400 feet above mean sea level

**9c. Surrounding Topographic Features:** Cañada del Oro Wash is the nearest named topographic feature, located 2.7 km to the southeast.

**9d. Nearest Drainage:** An unnamed right-bank tributary of an unnamed right-bank tributary of the Santa Cruz River flows through the survey area.

**9e. Local Geology:** The survey area is located on a rolling lower bajada/basin floor landform. The area rests on 0- to 2-million-year-old surficial Quaternary deposits consisting of unconsolidated to strongly consolidated alluvial and aeolian deposits (Arizona Geological Survey 2005).

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

**9f. Vegetation:** The area lies within the Arizona Upland subdivision of the Sonoran Desertscrub biotic community (Brown and Lowe 1994). In the survey area, there is a well-developed overstory of ironwood, palo verde, mesquite, and saguaro and an understory of various grasses, creosotes, chollas, and shrubs.

**9g. Soils/Deposition:** The Natural Resources Conservation Service's Web Soil Survey (NRCS 2017) defines the surface sedimentation in the area as belonging to the Anthony and Sonoita soil series, consisting of well-drained sandy loam sediments.

**9h. Buried Deposits:** Not likely

**9i. Justification:** There is little potential for buried deposits given the relatively recent landform and the lack of deposition. However, no caliche or consolidated sediments were observed in the drainage profiles, so the exact depth of deposition is uncertain.

**10. BUILT ENVIRONMENT:** To the south and east of the survey area are recently constructed (1990s and newer) single-family homes in two planned communities. To the north and west, the survey area is bounded by Overton Road and Thornydale Road, respectively, both paved two-lane through-roads. North, beyond Overton Road, is a commercial development. West, beyond Thornydale Road, is Arthur Pack Regional Park.

**II. INVENTORY CLASS COMPLETED**

**I 1a. Class I Inventory:**

**I 1b. Researcher(s):** Christine Jerla

**I 1c. Class II Survey:**

**I 1d. Sampling Strategy:**

**I 1e. Class III Inventory:**

**12. BACKGROUND RESEARCH SOURCES**

**12a. AZSITE:**  (Date of AZSITE records search: 11/13/17)

**12b. ASM Archaeological Records Office:**

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

**12d. NRHP Database:**  (Date of NRHP database search: 11/13/17)

**12e. ADOT Portal:**

**12f. GLO Maps:** T12S, R13E of the G&SRBM, filed Jan 13, 1912

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SURVEY REPORT SUMMARY FORM**

**I2g. Land-Managing Agency Files:**

**I2h. Tribal Cultural Resources Files:**

**I2i. Local Government Websites:**

**I2j. Other:**

- Jaynes, Arizona 1:24,000 Series USGS Quadrangle edition of 1968
- Cortaro, Arizona 1:62,500 Series USGS Quadrangle editions of 1947 and 1957
- Tucson, Arizona 1:250,000 Series USGS Quadrangle editions of 1956, 1959, and 1962

**13. BACKGROUND RESEARCH RESULTS**

**I3a. Previous Projects within Study Area** (study area = the survey area\* + a 1.6-km [1-mile] buffer):

<b>1. Project Reference No.</b>	<b>2. Project Name</b>	<b>3. Author(s)</b>	<b>4. Year</b>
1981-174.ASM	The Northern Tucson Basin Survey: Phase I	Fish et al.; Madsen et al.	1992; 1993
1988-200.ASM	CAP Northwest, Phase III	Mary Lou Heuett	1988
1975-36.ASM	Not on file	Not recorded	Not recorded
1979-17.ASM	Cella, Barr, Evans & Associates, Countryside Development Survey	Not recorded	Not recorded
1979-21.ASM	Wood Brothers Homes-Orangewood North II Survey	Not recorded	Not recorded
1980-150.ASM	Linda Vista Terrace	Sharon Urban	1980
1981-49.ASM	Villa de Miranda	Sharon Urban	1981
1985-75.ASM	RA Homes Tract by Camino del Fierro and Overton Rd	Carol S. Weed	1985
1985-89.ASM	Cella Barr Associates	David A. Phillips	1985a
1985-93.ASM	RA Homes – Kachina Meadows	David A. Phillips	1985b
1985-96.ASM	Not on file	Not recorded	Not recorded
1986-33.ASM	WLB Survey	Linda Mayro	1986
1989-159.ASM	Oasis “A” Zone Reservoir Survey	Laurie V. Slawson	1989
1994-196.ASM	Arthur Pack Regional Park (Area A)	Joseph Howell	1994a
1994-197.ASM	Arthur Pack Regional Park (Area B-1)	Joseph Howell	1994b
1994-198.ASM	Arthur Pack Regional Park (Area B-2)	Joseph Howell	1994c



**STATE HISTORIC PRESERVATION OFFICE  
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<b>1. Project Reference No.</b>	<b>2. Project Name</b>	<b>3. Author(s)</b>	<b>4. Year</b>
1994-199.ASM	Arthur Pack Regional Park (Area C)	Joseph Howell	1994d
1995-36.ASM	Shannon-Overton Survey	Jeffrey T. Jones	1995
1995-334.ASM	Cortaro Farms/Thornydale Survey	Deborah L. Swartz	1995
1996-22.ASM	Overton Road Survey	John P. Carpenter	1996
1997-108.ASM	Thornydale/Cortaro Farms Survey	Mark D. Elson	1997
2001-42.ASM	Cortaro Farms Survey	Michael Brack	2001
2001-583.ASM	Qwest Shannon	Megan Fuller	2001
2001-661.ASM	Crescent Ridge Apartments	David V. M. Stephen	2001a
2003-22.ASM	Linda Vista Transmission Main Survey	Jerome S. Hesse	2003
2005-511.ASM	Overton and Shannon Survey	Shannon Twilling	2005
2008-538.ASM	Camino del Sur Survey	Joseph Howell	2008
2012-717.ASM	Atlas 0654 Survey	David P. Doak	2012
2014-69.ASM	Atlas 0674	Jeffrey T. Jones	2014
SHPO-2001-50	Crescent Ridge Apartments, Tucson, Arizona	David V. M. Stephen	2001b
SHPO-2001-1169	Section 106 Review – Proposed Communication Antenna Installation for Tucson Electric Power Company	Melissa Keane	2001

\* The projects that intersect the survey area are highlighted in **bold**.

**I3b. Previously Recorded Cultural Resources in the 1-Mile Buffer\* Surrounding the Survey Area:**

<b>1. Site No./Name</b>	<b>2. Affiliation</b>	<b>3. Site Type</b>	<b>4. Eligibility Status</b>	<b>5. Associated Reference(s)</b>
AZ AA:12:749(ASM)	Euroamerican	Habitation and associated artifact scatter	Considered eligible	Howell 1994d
AZ AA:12:1121(ASM)/ Thornydale Road	Euroamerican	Transportation	Not on file	Deaver 2010

\* No previously recorded archaeological sites are located in the survey area.

**I3c. Historic Buildings/Districts/Neighborhoods:**

<b>1. Property Name or Address</b>	<b>2. Year</b>	<b>3. Eligibility Status</b>
None	n/a	n/a

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

**I4. CULTURAL CONTEXTS**

- I4a. Prehistoric Culture: None known
- I4b. Protohistoric Culture: None known
- I4c. Indigenous Historic Culture: None known
- I4d. Euro-American Culture: Euroamerican

**I5. FIELD SURVEY PERSONNEL**

- I5a. Principal Investigator: William L. Deaver
- I5b. Field Supervisor: John M. D. Hooper
- I5c. Crew: Stephanie Brown
- I5d. Fieldwork Date(s): November 14, 2017

**I6. SURVEY METHODS**

- I6a. Transect Intervals: 20 m apart
- I6b. Coverage (%): 100%
- I6c. Site Recording Criteria: Arizona State Museum
- I6d. Ground Surface Visibility: 75 to 90%
- I6e. Observed Disturbances: One two-track road and seven small recent mechanical excavations at the southern end of the survey area. Area along the margins of Thornydale and Overton Roads is disturbed by road construction and parking.

**I7. FIELD SURVEY RESULTS**

- I7a. No Cultural Resources Identified:
- I7b. Isolated Occurrences (IOs) Only:
- I7c. Number of IOs Recorded: 0

**I7d. Table of IOs:**

1. IO No.	2. Description	3. Date Range	4. UTM's
None	n/a	n/a	n/a

**I8. COMMENTS:** No cultural resources were observed in the survey area. WestLand Resources, Inc., recommends no further archaeological work in the area if a project is proposed.

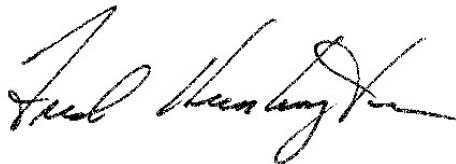
STATE HISTORIC PRESERVATION OFFICE  
SURVEY REPORT SUMMARY FORM

**19. ATTACHMENTS**

- 19a. Project Location Map:**  Figure 1. Vicinity map
- 19b. Land Jurisdiction Map:**  Figure 2. Project location showing surface management
- 19c. Background Research Map(s):**  Figure 3. Previously recorded archaeological sites and projects within 1.6 km (1 mile) of the survey area
- 19d. GLO Map(s):**
- 19e. References:**  Page 8

**SECTION 20. CONSULTANT CERTIFICATION:**

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



**Date:** November 16, 2017

**Signature**

Frederick W. Huntington  
Archaeology Program Director

**Title**

**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 Arizona or National Register of Historic Places in consultation with the lead agency, the SHPO, and 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 meters (100 feet) of the discovery and the area must be secured. The Arizona State Museum, lead agency, SHPO, and appropriate Tribes must be notified of the discovery. All discoveries will be treated in accordance with NAGPRA (Public Law 101-601; 25 U.S.C. 3001-3013) or Arizona Revised Statutes (A.R.S. § 41-844 and A.R.S. § 41-865), as appropriate, and work must not resume in this area without authorization from ASM and the lead agency.



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SURVEY REPORT SUMMARY FORM**

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**REFERENCES:**

Arizona Geological Survey

2005 Digital Geologic Map of Arizona. Electronic document: <http://data.azgs.az.gov/geologic-map-of-arizona>. Accessed November 13, 2017.

Brack, M. L.

2001 *A Cultural Resources Survey of Cortaro Farms Road between US Interstate 10 and Thornydale Road, Pima County, Arizona*. Project Report 00-131. Desert Archaeology, Inc., Tucson.

Brown, David E., and Charles Lowe

1994 *Biotic Communities of the Southwest (Map)*. University of Utah Press, Salt Lake City.

Carpenter, John P.

1996 *An Archaeological Assessment for a US West Communications Fiber Optics Cable Alignment along Overton Road and La Cholla Boulevard in Tucson, Pima County, Arizona*. Technical Report No. 95-5. Tierra Archaeological and Environmental Consultants, Tucson.

Deaver, William L.

2010 *A Cultural Resources Inventory of Approximately 10 Miles of Tangerine Road, Pima County, Arizona*. Cultural Resources Report No. 2010-25. WestLand Resources, Inc., Tucson.

Doak, David P.

2012 *A Class III Archaeological Survey of Approximately 2.9 km (1.8 Miles) of 4.6-m-wide (15-foot-wide) Natural Gas Line Corridors along Shannon Road, Lobo Road, Hardy Road, Loeffler Road, and Hopdown Avenue in Unincorporated Pima County, Arizona*. Tierra Right of Way Services, Tucson.

Elson, Mark D.

1997 *An Archaeological Survey and Testing Plan for Thornydale Road between Ina Road and Cortaro Farms Road, Pima County, Arizona*. Letter Report 96-159. Desert Archaeology, Tucson.

Fish, Suzanne K., Paul R. Fish, and John Madsen (eds.)

1992 *The Marana Community in the Hobokam World*. Anthropological Papers of the University of Arizona 56. University of Arizona Press, Tucson.

Fuller, Megan S.

2001 *A Cultural Resource Assessment of a Proposed Qwest Trenching Location on Shannon Drive in Oro Valley, Pima County, Arizona*. Engineering and Environmental Consultants, Tucson.

Hesse, S. Jerome

2003 *The Linda Vista Transmission Main Cultural Resource Survey, Pima County, Arizona*. Cultural Resource Report No. 03-32. SWCA Environmental Consultants, Tucson.

Heuett, Mary Lou

1988 *An Archaeological Survey of 3.1 Miles of a Right-of-way for CAP Northwest Phase III along Cortaro Farms, Thornydale and Oasis Roads*. Project 88-019. Cultural & Environmental Systems, Tucson.

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SURVEY REPORT SUMMARY FORM**

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Howell, Joseph

- 1994a *A Class III Archaeological Survey for a Proposed Development within Arthur Pack Regional Park (Area A), in Pima County, Arizona.* Cultural and Environmental Systems, Tucson.
- 1994b *A Class III Archaeological Survey for a Proposed Development within Arthur Pack Regional Park (Area B-1), in Pima County, Arizona.* Cultural and Environmental Systems, Tucson.
- 1994c *A Class III Archaeological Survey for a Proposed Development within Arthur Pack Regional Park (Area B-2), in Pima County, Arizona.* Cultural and Environmental Systems, Tucson.
- 1994d *A Class III Archaeological Survey for a Proposed Development within Arthur Pack Regional Park (Area C), in Pima County, Arizona.* Cultural and Environmental Systems, Tucson.
- 2008 *A Class III Cultural Resource Survey of a 805-m-long (2,640-foot-long) Water Line Easement within the West Freer Drive and West Camino del Sur Right-of-way in Pima County, Arizona.* Archaeological Report No. 2008-123. Tierra Right of Way Services, Tucson.

Jones, Jeffrey T.

- 1995 *Archaeological Survey of Parcel 7171 Located in the N1/2 NW1/4 SW1/4 of Section 21, T12S, R13E, G&SRB&M, for RDBR Investment and Management.* Letter Report No. 95-5. Old Pueblo Archaeology Center, Tucson.
- 2014 *A Class III Cultural Resource Survey of Proposed Natural Gas Line Rights-of-way along Lambert Lane, Thornydale Road, Orange Ranch Road, and Oasis Drive for Southwest Gas in Pima County, Arizona.* Archaeological Report No. 2014-13. Tierra Right of Way Services, Tucson.

Keane, Melissa

- 2001 *An Archaeological Survey of a 300 Square Foot Corridor Associated with a Cellular Phone Tower on West Sumter Drive, Pima County, Arizona.*

Madsen, John N., Paul R. Fish, and Suzanne K. Fish (eds.)

- 1993 *The Northern Tucson Basin Survey: Research Directions and Background Studies.* Arizona State Museum Archaeological Series 182. University of Arizona, Tucson.

Mayro, Linda

- 1986 *Archaeological Survey of the Northpoint Ridge Addition Lots 1-16.* Project 86-106. Institute for American Research, Tucson.

Natural Resources Conservation Service (NRCS)

- 2017 Web Soil Survey. Electronic document: <https://websoilsurvey.sc.egov.usda.gov/App/HomePage.htm>. Accessed November 13, 2017.

Phillips, David A.

- 1985a Letter to Mr. Don Laidlaw, Cella Barr Associates, from David A. Phillips, New World Research, Inc.
- 1985b Letter to Ms. Eileen Wilson of RA Homes, Inc., from David A. Phillips, New World Research, Inc.

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

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Slawson, Laurie V.

1989 *An Archaeological Survey for the Oasis A Zone Reservoir Pima County, Arizona.* Cultural and Environmental Systems, Tucson.

Stephen, David V. M.

2001a *Letter Report for Crescent Ridge Apts. Archaeological Survey.* Report No. 011316. Professional Archaeological Services and Technologies, Tucson.

2001b *Report for Crescent Ridge Apts. Archaeological Survey.* Professional Archaeological Services and Technologies, Tucson.

Swartz, Deborah L.

1995 *An Archaeological Survey of a Parcel at Thornydale and Cortaro Farms Road.* Letter Report No. 95-153. Desert Archaeology, Tucson.

Twilling, Shannon

2005 *A Class III Cultural Resources Survey of the Intersection of Shannon Road and Overton Road, Pima County, Arizona.* Project 05-097. Harris Environmental Group, Tucson.

Urban, Sharon F.

1980 *Linda Vista Terrace & L.V. Estates.* Clearinghouse 81-85-0187, -0186. Arizona State Museum.

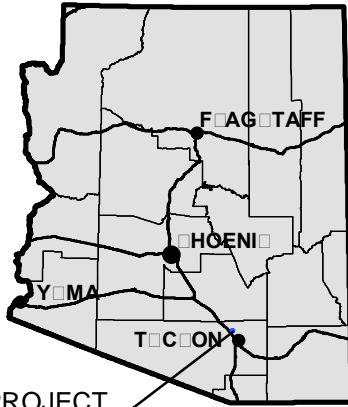
1981 *Villa de Miranda Survey.* Clearinghouse 81-85-0083. Arizona State Museum.

Weed, Carol S.

1985 A Letter to Ms. Eileen Wilson, RA Homes, Inc., dated April 27, 1985.

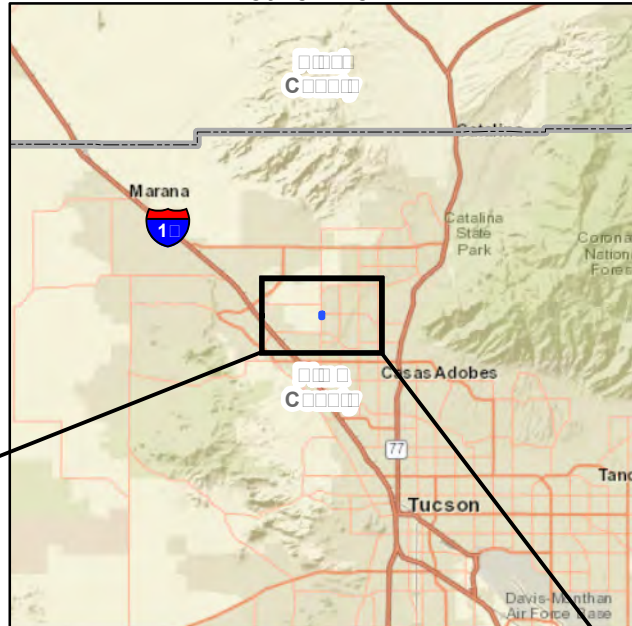


### ARIZONA



PROJECT LOCATION

### PROJECT VICINITY



Approximate Scale 1 Inch = 10 Miles



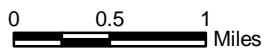
T12S, R13E, a Portion of Section 20,  
 Pima County, Arizona  
 Silverbell Mountains USGS 1:100,000 Quadrangle  
 Projection: UTM NAD83, Zone 12  
 Data Source: ArcGIS Online World Streetmap

□□□□d

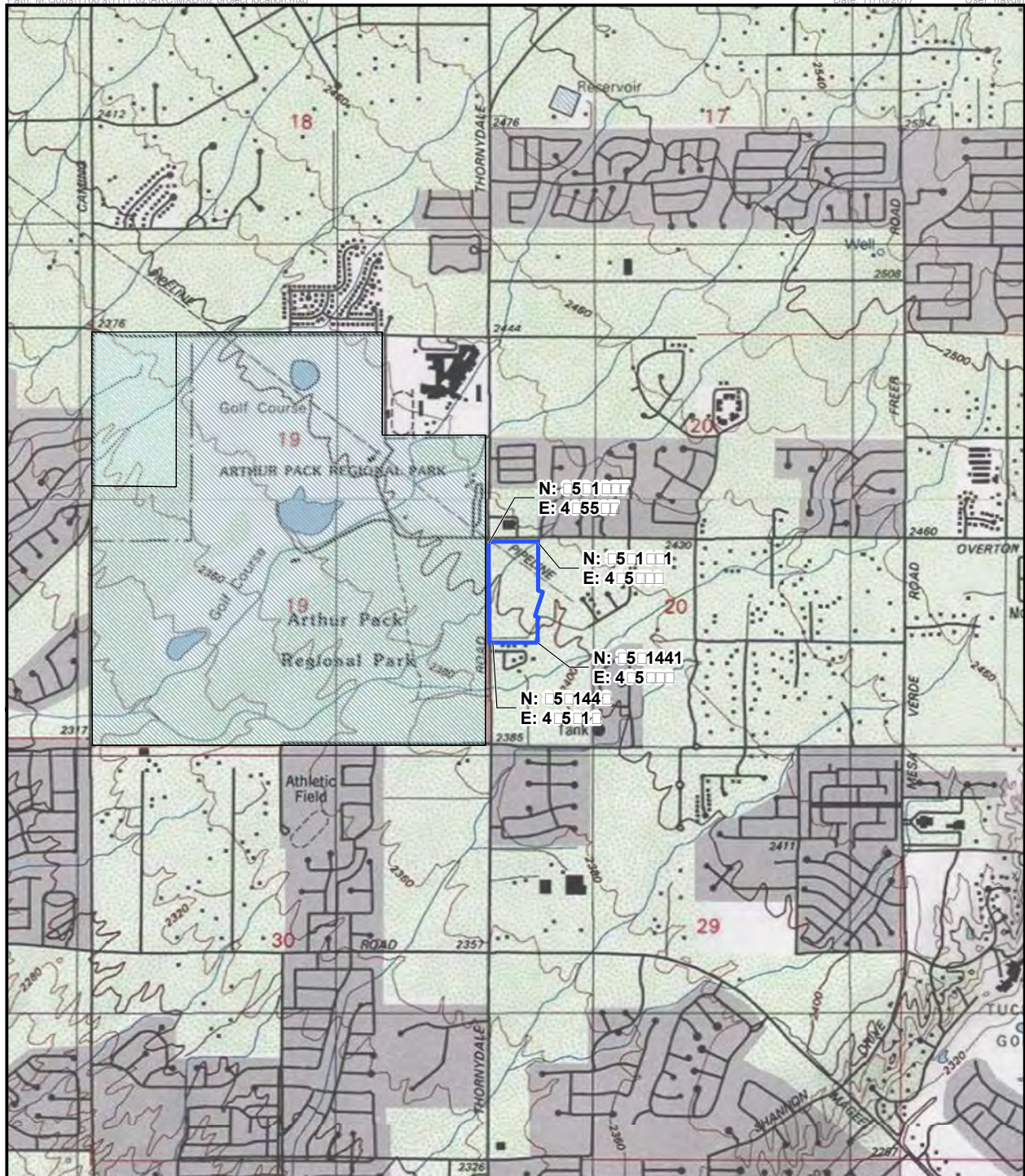
▭ Survey Area



WestLand Resources










T12S, R13E, a Portion of Section 20,  
 Pima County, Arizona  
 Jaynes USGS 7.5' Quadrange  
 Projection: UTM NAD83, Zone 12  
 Data Source: BLM Surface Management (2017)

□□□□d

 Survey Area

□□r□□□M□□□□□□□□

 Local or State Parks

 Private Land (No Color)

 State Trust Land

WestLand Resources

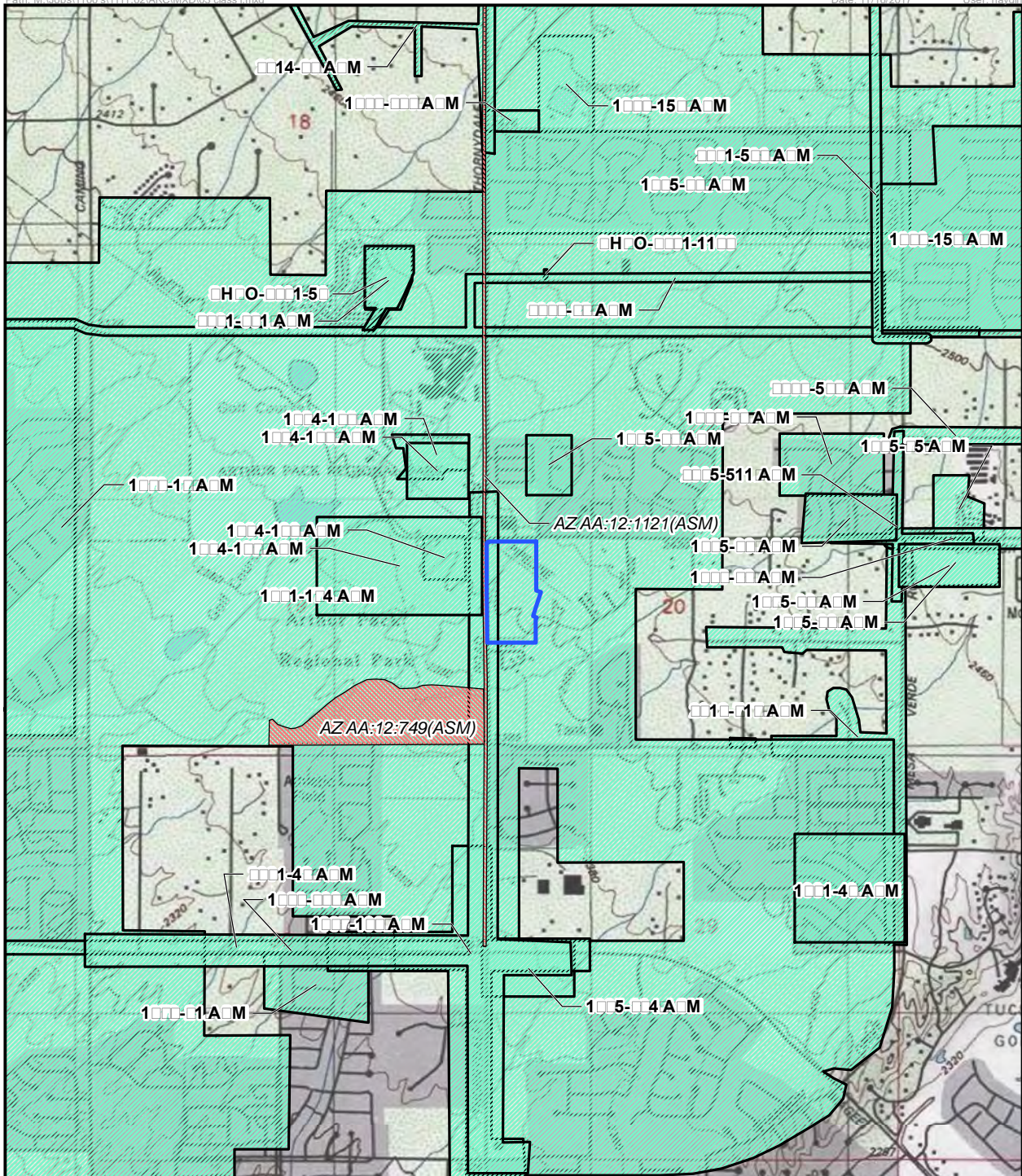
0 1,000 2,000 Feet

0 500 1,000 Meters



F□□r□□□ Survey location showing surface management





T12S, R13E, a Portion of Section 20,  
 Pima County, Arizona  
 Jaynes, AZ USGS 7.5' Quadrangle  
 Projection: UTM NAD83, Zone 12

□□□□d

- Survey Area
- Archaeological Site
- Previous Survey

WestLand Resources

0 1,000 2,000  
 Feet

0 500 1,000  
 Meters



□□□□□□ Previously recorded archaeological sites and projects within 1.6 km (1 mile) of the survey area