



CITY OF
TUCSON

EPA Brownfields

Cleanup Grant

Old Fort Lowell Restoration Project

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Environmental Services Department



Former Adkins Property Site History



1873 Fort Lowell established, included 30 adobe buildings

1891 Ft Lowell abandoned by U.S. Department of the Interior



Former Adkins Property Site History

- 1900 Three officers' quarters and their kitchens were purchased for use as a tuberculosis sanitarium
- 1928 Adkins family purchased sanitarium and began operating the Adkins Steel and Tank Manufacturing Company from 1934 until 2006

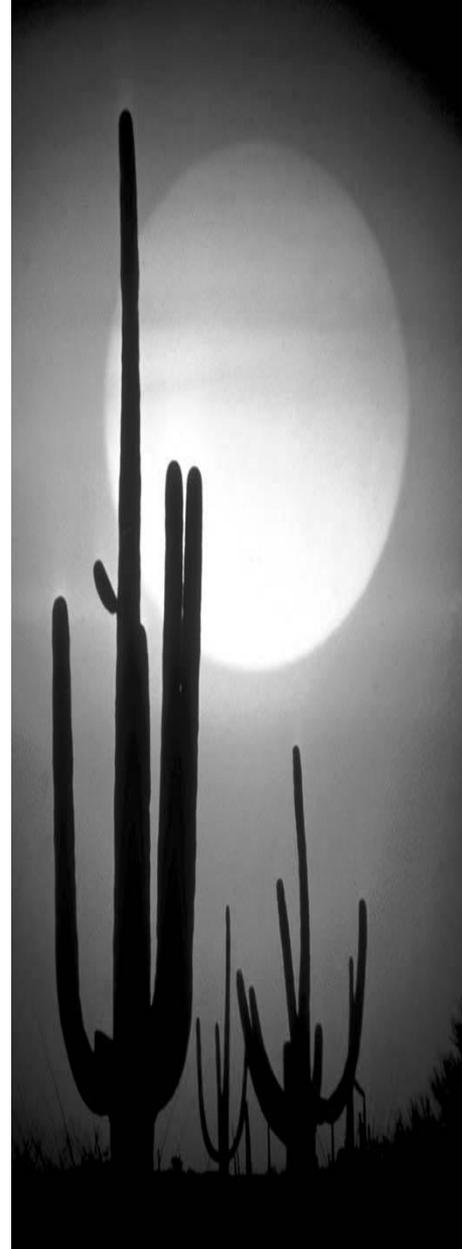






Environmental Assessment and Findings

- Assessment included:
 - Removal of two USTs
 - Investigation into cesspool, dry well, and septic systems
 - Soil Investigation
- Findings include:
 - Soil impacted by lead, polynuclear aromatic hydrocarbons, and arsenic





















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Planting pits for Officer's Quarters Garden











HOMEER 5
ALL-PURPOSE
BUCKET



Metate with Pestle





Numerous shards discovered

Prehistoric Hohokam Pit Structure



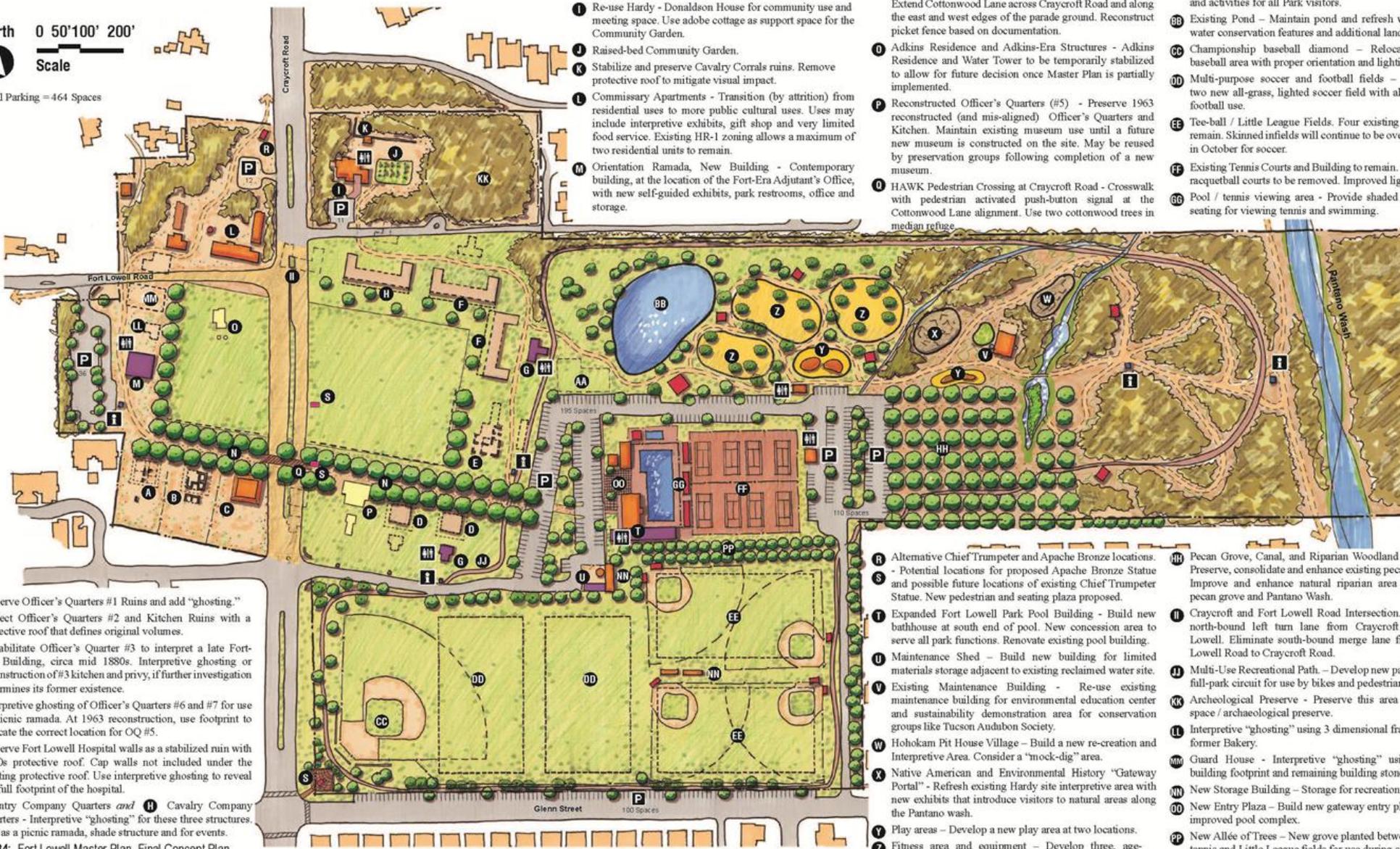


Prehistoric Hohokam Pit
Structure

Lowell Park Master Plan, Final Concept Plan

Scale 0 50' 100' 200'

Parking = 464 Spaces



Re-use Officer's Quarters #1 Ruins and add "ghosting."
 Re-use Officer's Quarters #2 and Kitchen Ruins with a protective roof that defines original volumes.
 Stabilize Officer's Quarter #3 to interpret a late Fort-Lowell Building, circa mid 1880s. Interpretive ghosting or reconstruction of #3 kitchen and privy, if further investigation confirms its former existence.
 Interpretive ghosting of Officer's Quarters #6 and #7 for use as a picnic ramada. At 1963 reconstruction, use footprint to locate the correct location for OQ #5.
 Interpretive ghosting of Fort Lowell Hospital walls as a stabilized ruin with a protective roof. Cap walls not included under the existing protective roof. Use interpretive ghosting to reveal full footprint of the hospital.
 Re-use Company Quarters and Cavalry Company Quarters - Interpretive "ghosting" for these three structures, as a picnic ramada, shade structure and for events.

14: Fort Lowell Master Plan, Final Concept Plan.

- G Contemporary building, at the location of a Fort-Era building, to serve as public restrooms and storage.
- I Re-use Hardy - Donaldson House for community use and meeting space. Use adobe cottage as support space for the Community Garden.
- J Raised-bed Community Garden.
- K Stabilize and preserve Cavalry Corrals ruins. Remove protective roof to mitigate visual impact.
- L Commissary Apartments - Transition (by attrition) from residential uses to more public cultural uses. Uses may include interpretive exhibits, gift shop and very limited food service. Existing HR-1 zoning allows a maximum of two residential units to remain.
- M Orientation Ramada, New Building - Contemporary building, at the location of the Fort-Era Adjutant's Office, with new self-guided exhibits, park restrooms, office and storage.

- N Cottonwood Lane - Transition existing misaligned rows to the correct location with selective removal and replanting. Extend Cottonwood Lane across Craycroft Road and along the east and west edges of the parade ground. Reconstruct picket fence based on documentation.
- O Adkins Residence and Adkins-Era Structures - Adkins Residence and Water Tower to be temporarily stabilized to allow for future decision once Master Plan is partially implemented.
- P Reconstructed Officer's Quarters (#5) - Preserve 1963 reconstructed (and mis-aligned) Officer's Quarters and Kitchen. Maintain existing museum use until a future new museum is constructed on the site. May be reused by preservation groups following completion of a new museum.
- Q HAWK Pedestrian Crossing at Craycroft Road - Crosswalk with pedestrian activated push-button signal at the Cottonwood Lane alignment. Use two cottonwood trees in median refuge.

- AA New Fort Lowell Museum at Phase 3. A complete site history museum. Building may contain food and activities for all Park visitors.
- BB Existing Pond - Maintain pond and refresh water conservation features and additional landscaping.
- CC Championship baseball diamond - Relocate baseball area with proper orientation and lighting.
- DD Multi-purpose soccer and football fields with two new all-grass, lighted soccer field with all-weather football use.
- EE Tee-ball / Little League Fields. Four existing fields remain. Skinned infields will continue to be used in October for soccer.
- FF Existing Tennis Courts and Building to remain. racquetball courts to be removed. Improved lighting.
- GG Pool / tennis viewing area - Provide shaded seating for viewing tennis and swimming.

- R Alternative Chief Trumpeter and Apache Bronze locations.
- S Potential locations for proposed Apache Bronze Statue and possible future locations of existing Chief Trumpeter Statue. New pedestrian and seating plaza proposed.
- T Expanded Fort Lowell Park Pool Building - Build new bathhouse at south end of pool. New concession area to serve all park functions. Renovate existing pool building.
- U Maintenance Shed - Build new building for limited materials storage adjacent to existing reclaimed water site.
- V Existing Maintenance Building - Re-use existing maintenance building for environmental education center and sustainability demonstration area for conservation groups like Tucson Audubon Society.
- W Hohokam Pit House Village - Build a new re-creation and Interpretive Area. Consider a "mock-dig" area.
- X Native American and Environmental History "Gateway Portal" - Refresh existing Hardy site interpretive area with new exhibits that introduce visitors to natural areas along the Pantano wash.
- Y Play areas - Develop a new play area at two locations.
- Z Fitness area and equipment - Develop three, age-differentiated fitness areas for people of all ages.

- HH Pecan Grove, Canal, and Riparian Woodland Preserve, consolidate and enhance existing peccan. Improve and enhance natural riparian area peccan grove and Pantano Wash.
- II Craycroft and Fort Lowell Road Intersection, north-bound left turn lane from Craycroft Road. Eliminate south-bound merge lane from Lowell Road to Craycroft Road.
- JJ Multi-Use Recreational Path - Develop new path full-park circuit for use by bikes and pedestrians.
- KK Archeological Preserve - Preserve this area as space / archaeological preserve.
- LL Interpretive "ghosting" using 3 dimensional framing former Bakery.
- MM Guard House - Interpretive "ghosting" using building footprint and remaining building structure.
- NN New Storage Building - Storage for recreation equipment.
- OO New Entry Plaza - Build new gateway entry plaza improved pool complex.
- PP New Allée of Trees - New grove planted between tennis and Little League fields for use during special events such as the Fort Lowell Soccer Shootout.



**FORT LOWELL MUSEUM
← AND HISTORIC SITE**

Tucson Clean & Beautiful Inc.
Adopt - A - Park
Fort Lowell Park
Sponsored By:
In Balance
Tucson Parks and Recreations



FORT LOWELL HOSPITAL

THESE INTERPRETIVE SIGNS ARE PLACED AROUND THE PERIMETER OF THE FORT LOWELL HISTORIC PARKLANDS.

TO START YOUR TOUR, CHECKED BY THE FORT LOWELL HISTORIC PARKLANDS.

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FORT LOWELL, 1875-1881

Fort Lowell was built in 1875 as a military installation for the U.S. Army. It was one of the largest and most expensive military installations of its time. The fort was built on a hillside overlooking the city of Phoenix, Arizona. It was named after General Henry H. Lowell, who was the first commander of the fort. The fort was used for military purposes until 1881, when it was abandoned. Today, the site is a National Historic Landmark and is open to the public as a park.

WATER DISTRIBUTION

The water distribution system at Fort Lowell was one of the most advanced of its time. It was designed to provide water to the fort and the surrounding area. The system consisted of a series of pipes and valves that were controlled by a central station. The water was pumped from a well and distributed to the fort and the surrounding area. The system was used until 1881, when it was abandoned. Today, the site is a National Historic Landmark and is open to the public as a park.

PHOTO COURTESY OF THE ARIZONA HISTORICAL SOCIETY



VIEW OF FORT LOWELL PERIMETER



QUESTIONS ????

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