

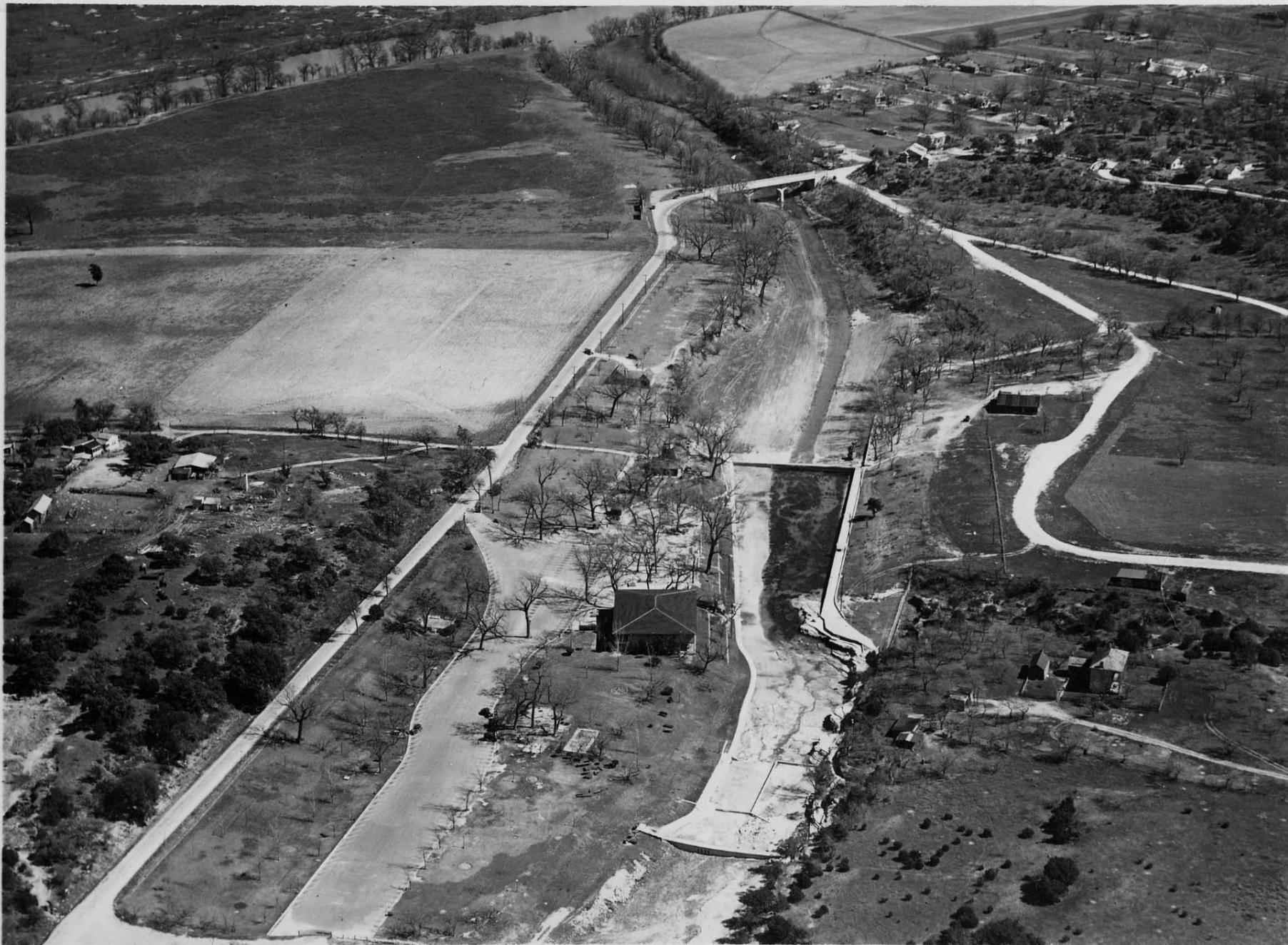


Barton Springs Pool

General Grounds Improvements



Photo
JORDAN Co.
Austin, Texas.
887



PICA 01036, Austin History Center, Austin Public Library

An aerial photograph of a rural landscape. A winding road or path runs through the center of the image, curving from the top left towards the bottom right. In the middle of the road, there is a house with a gabled roof. The surrounding area is a mix of open fields, scattered trees, and some other buildings in the distance. The overall scene is a typical rural setting.

General Grounds Improvements

1. Areas identified for improvement
2. Proposed site plan
3. Ordinance amendment & variance requests
4. Highlight specific project components













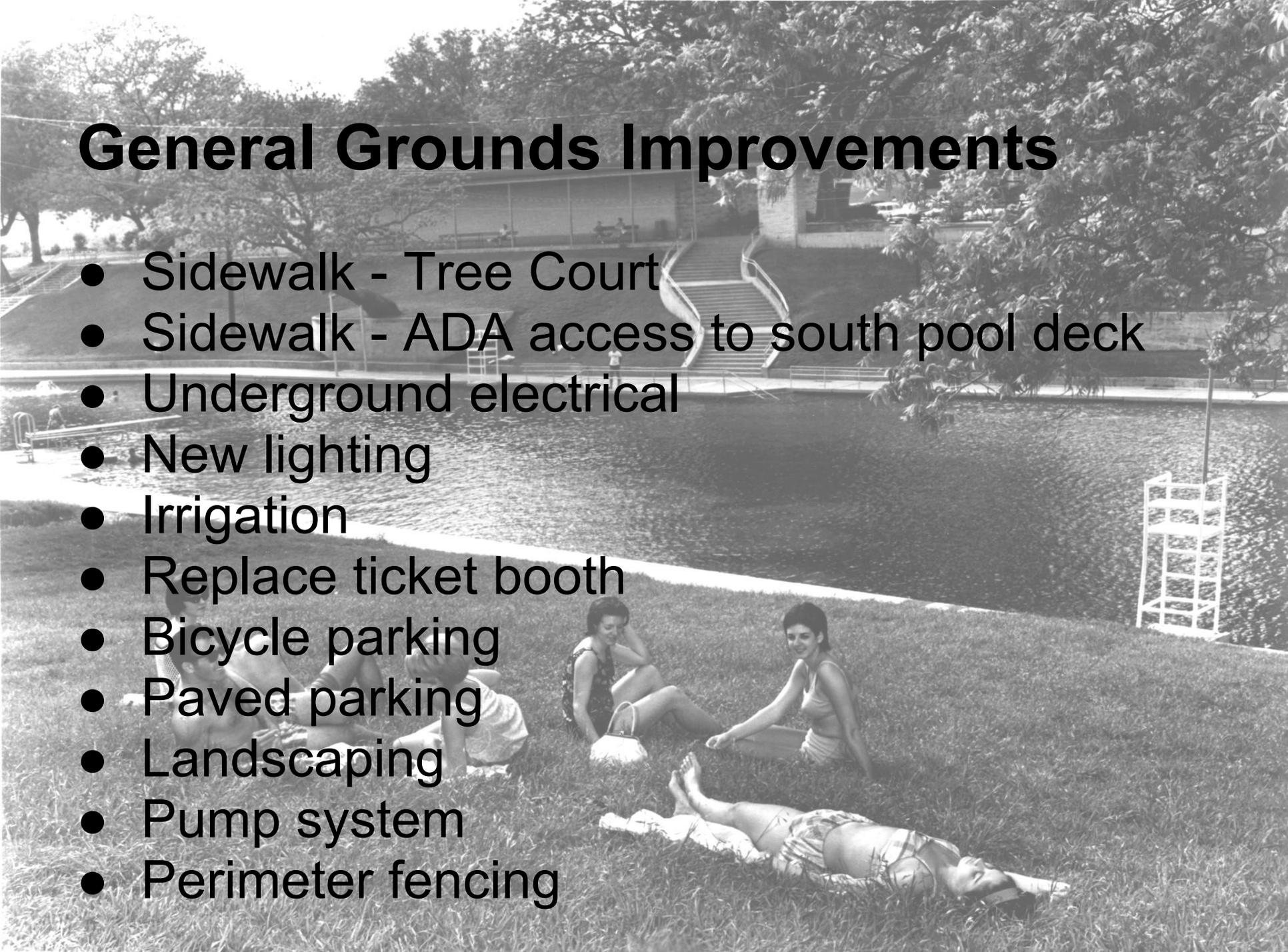




Design/Stakeholder Process

- 2006-2009 Master Plan process identified improvement projects
- Four Design Charrettes in 2010 prior to preliminary design
- Over 40 public input meetings
- Stakeholder surveys
- Multiple presentations to Joint Parks/ Environmental Board Committee with stakeholder input
- All aspects of plan approved by Joint Committee
- **Current plan considered all comments and is a product of the process**

General Grounds Improvements

- Sidewalk - Tree Court
 - Sidewalk - ADA access to south pool deck
 - Underground electrical
 - New lighting
 - Irrigation
 - Replace ticket booth
 - Bicycle parking
 - Paved parking
 - Landscaping
 - Pump system
 - Perimeter fencing
- 



- A. South Entry Gate
- B. Combined ADA Path and Steps
- C. South Woods
- D. Connection to Pool Deck
- E. Overlook Area
- F. New Ornamental Perimeter Fence
- G. Relocated D. G. Trail
- H. South Parking Lot
- I. Planting on Slope
- J. Tree Court

Amendment to 25-8-514

(Pollution Prevention Required)

To allow construction of:

- Concrete ADA walkway to south pool deck
- Underground irrigation & electric
- Ticket booth at south entry
- Tree Court hardscape
- Water quality control for paved parking lot on south side

Variance to 25-8-482

(Critical Water Quality Zone)

To allow construction of:

- Concrete ADA walkway to south pool deck
- Underground irrigation & electric
- Ticket booth at south entry
- Tree Court hardscape
- Water quality control for paved parking lot on south side

EXHIBIT A - South Sidewalk Improvements

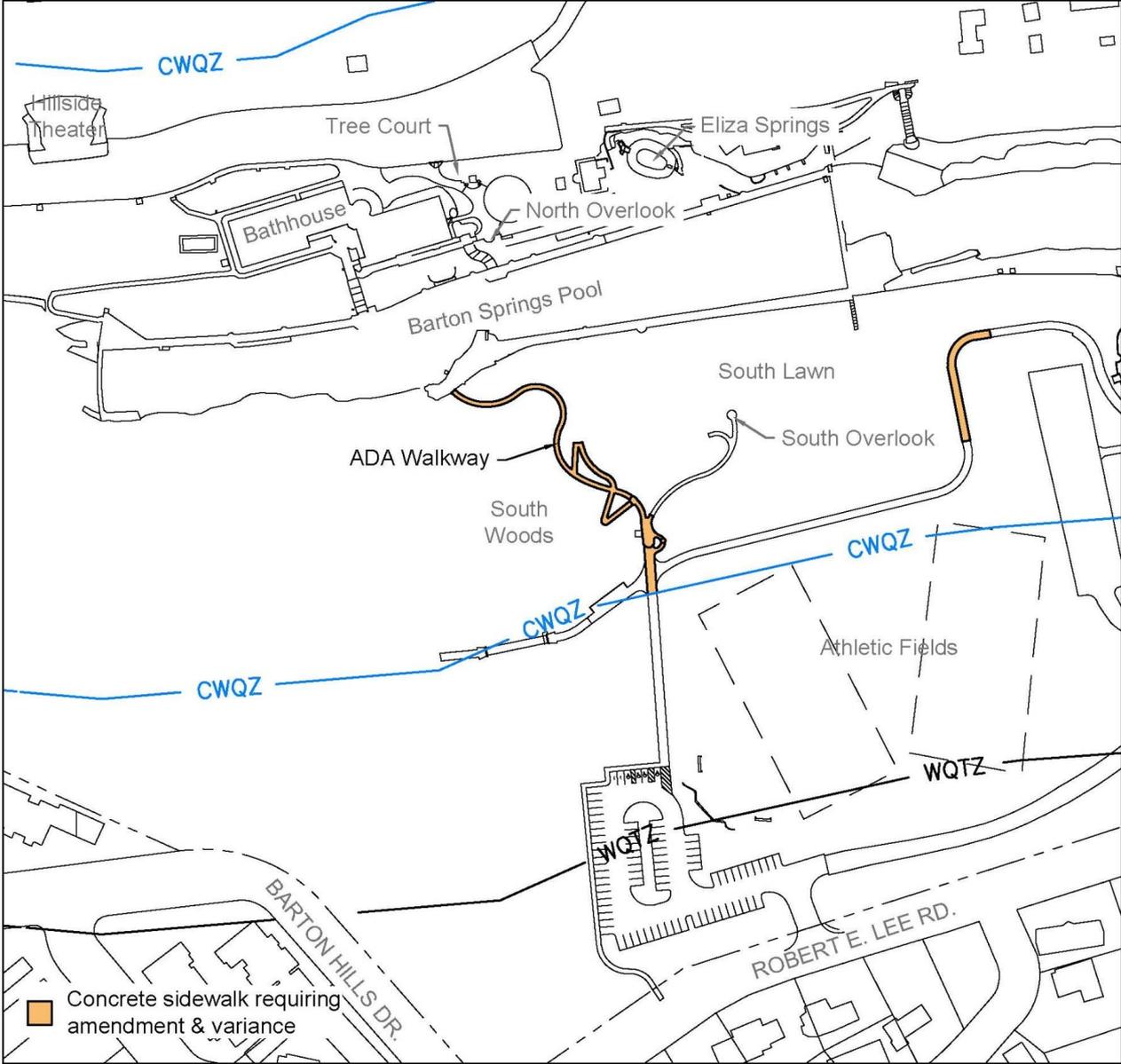
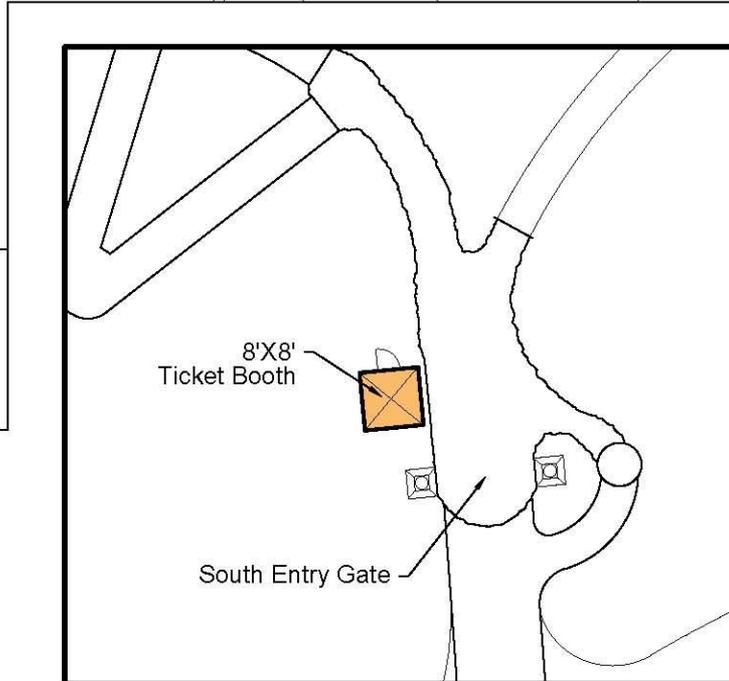
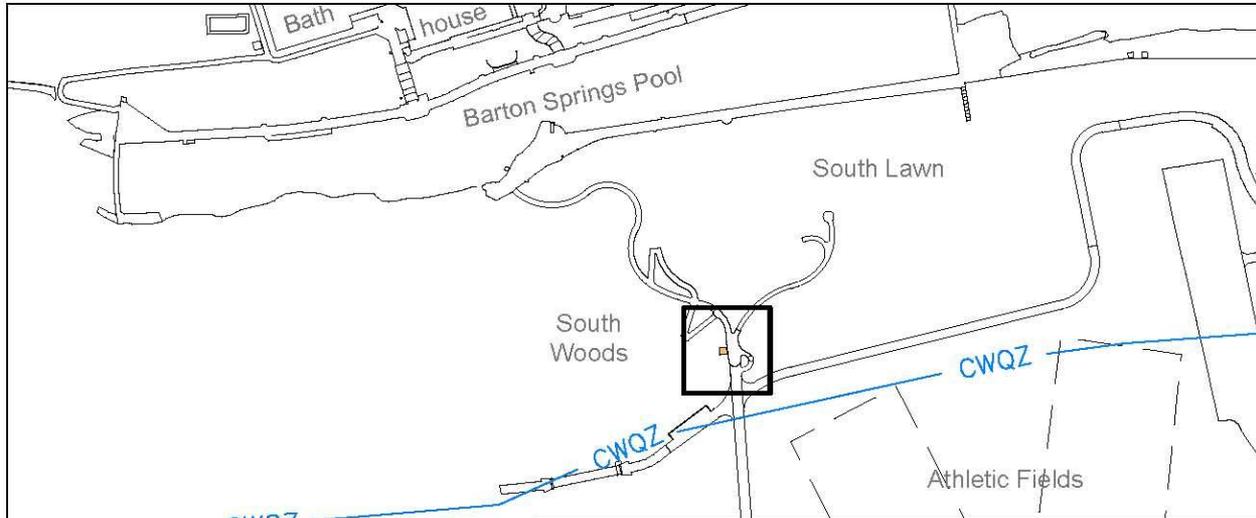


EXHIBIT B - Irrigation and Electrical Improvements

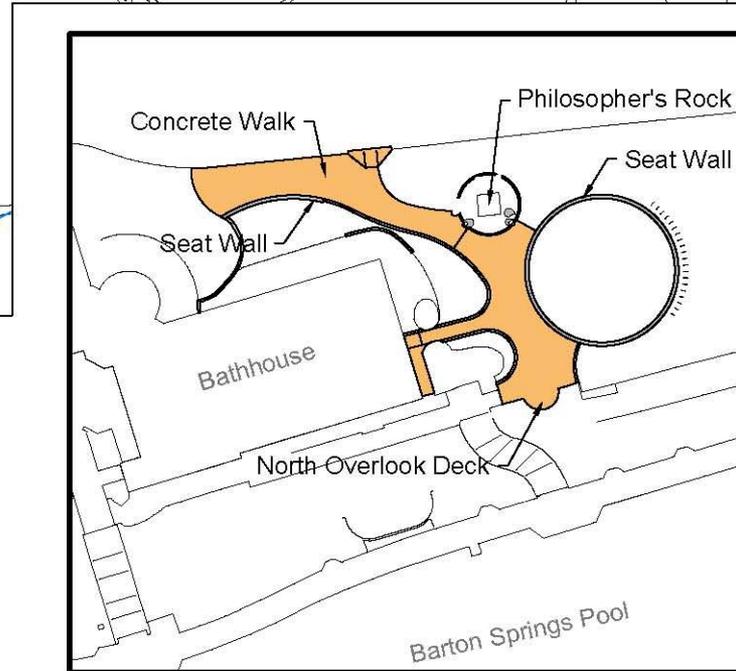
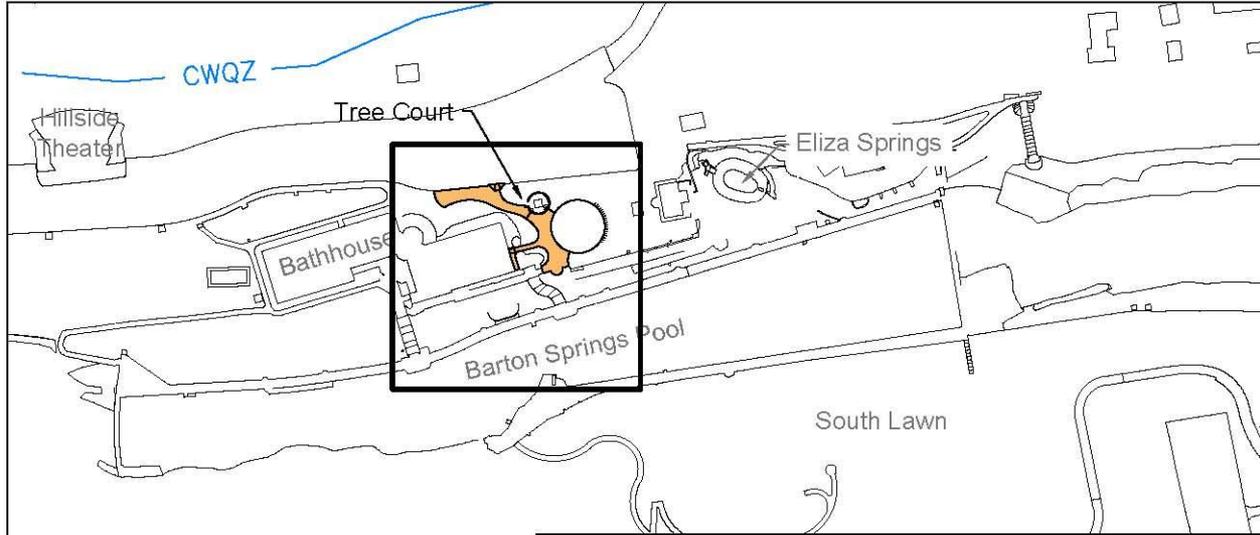


EXHIBIT C - South Gate Ticket Booth



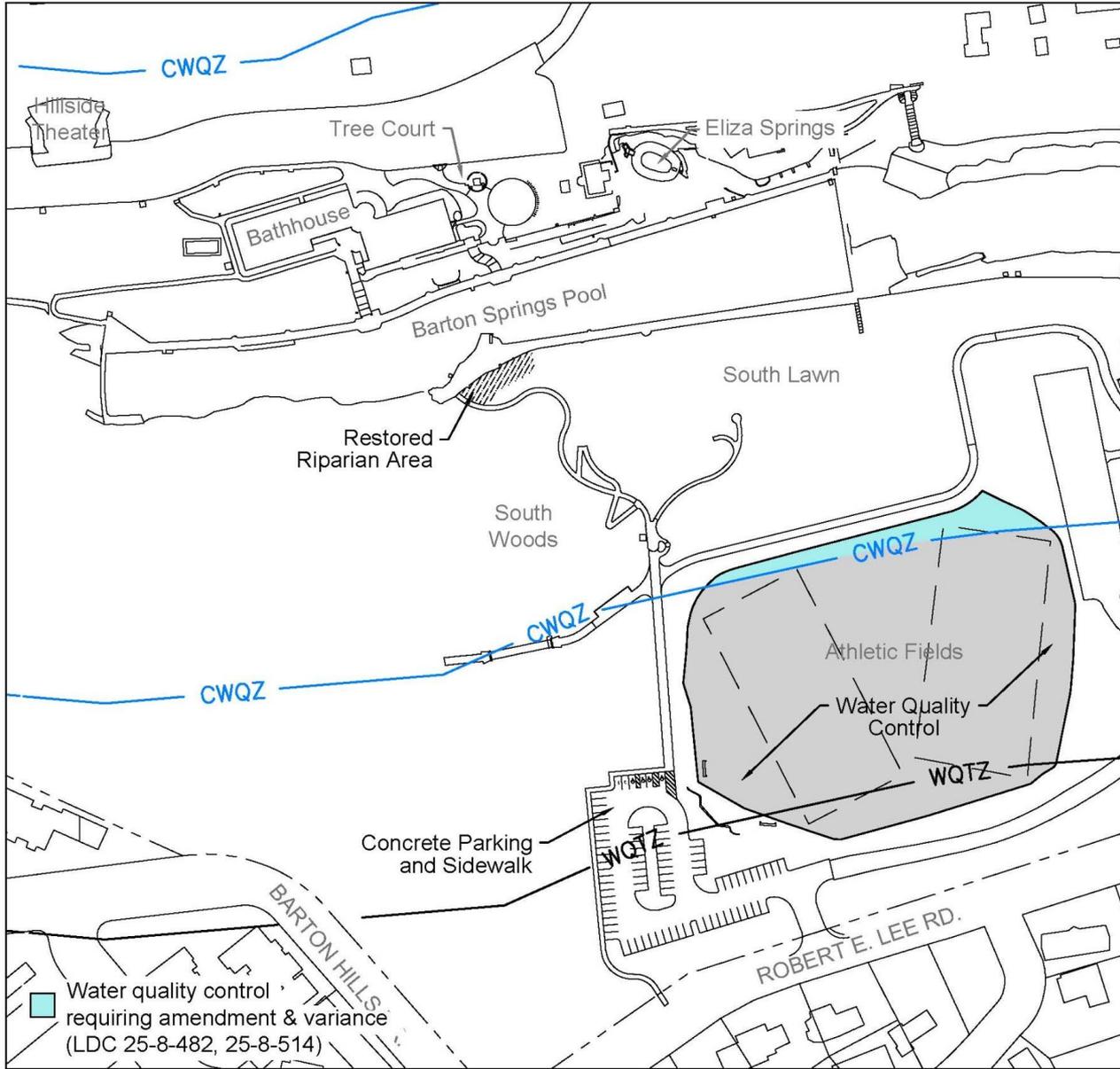
 Ticket booth requiring amendment & variance

EXHIBIT D - Tree Court Improvements



 Elevated concrete walkway requiring amendment & variance

EXHIBIT E - South Entry Parking Lot and Water Quality Improvements



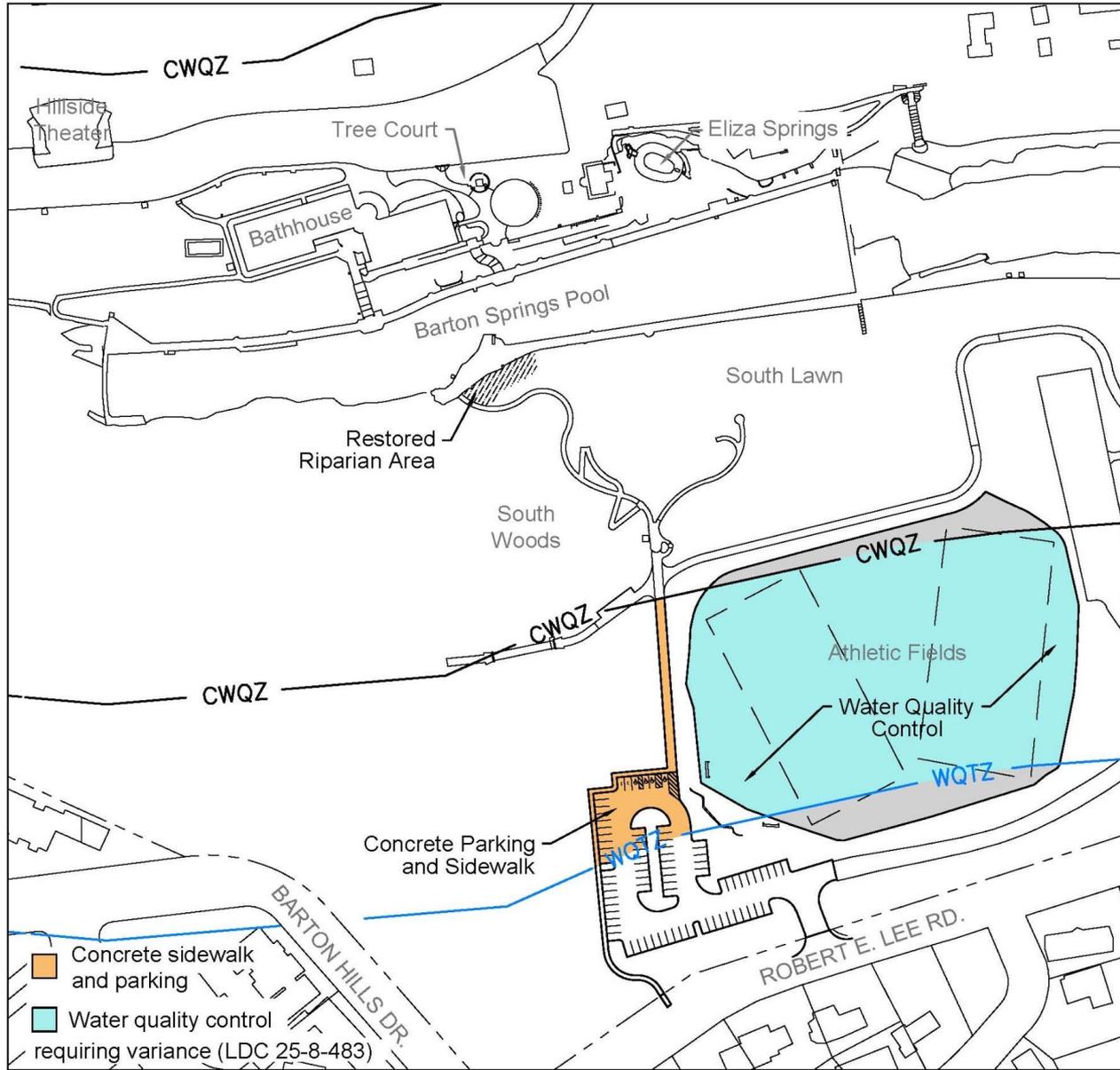
Variance to 25-8-483

(Water Quality Transition Zone)

To allow construction of:

- Concrete ADA walkway
- Concrete parking
- Water quality control for paved parking lot on south side

EXHIBIT E - South Entry Parking Lot and Water Quality Improvements

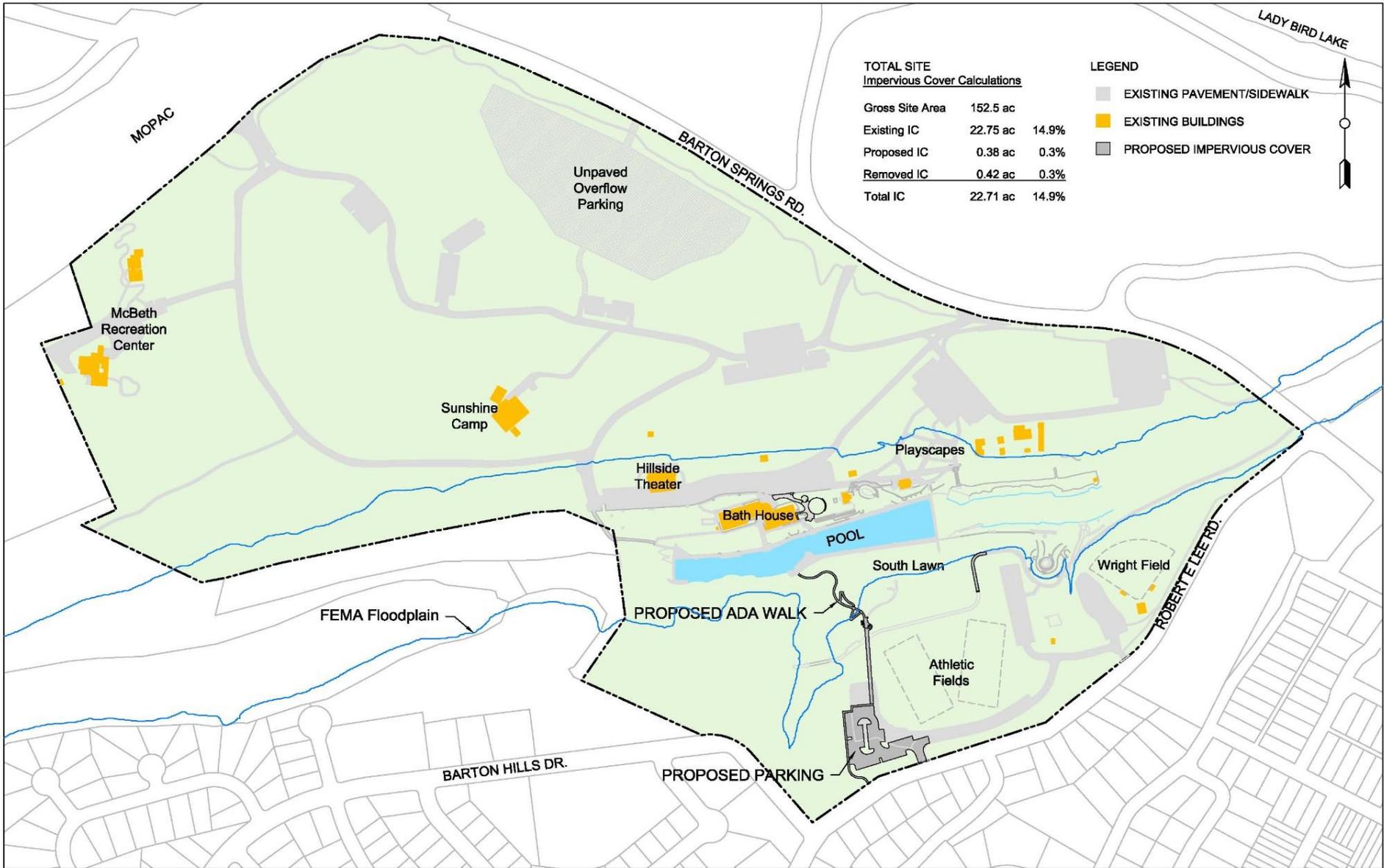


Amendment to 25-8-514

(Pollution Prevention Required)

SOS Initiative prohibits impervious cover in excess of 15% of net site area in the Barton Springs Zone

- Existing impervious cover in Barton Springs Zone of Zilker Park is 48%
- **Project decreases existing impervious cover by 1,600 sq. ft., (0.10%)**



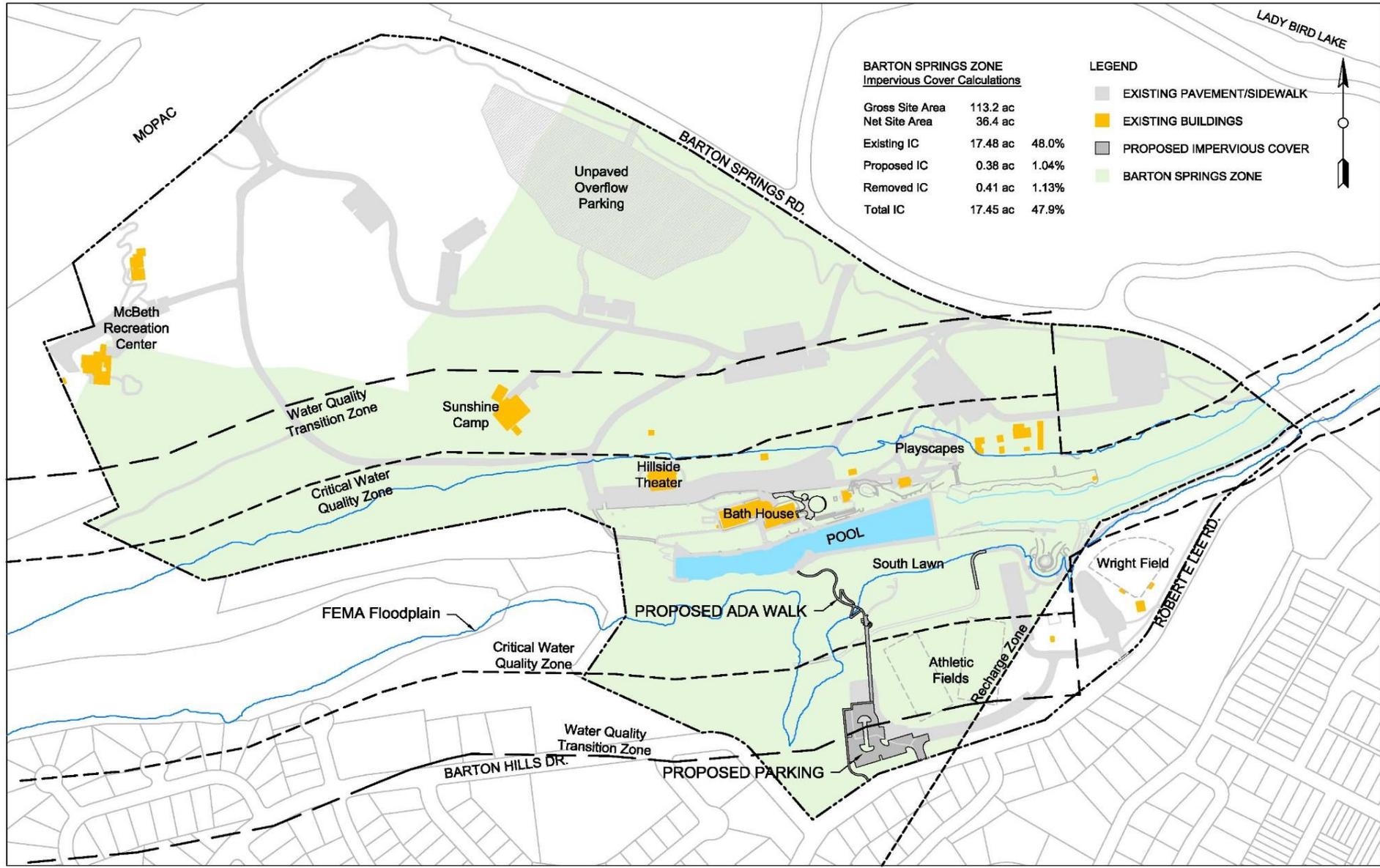
**TOTAL SITE
Impervious Cover Calculations**

Gross Site Area	152.5 ac	
Existing IC	22.75 ac	14.9%
Proposed IC	0.38 ac	0.3%
Removed IC	0.42 ac	0.3%
Total IC	22.71 ac	14.9%

LEGEND

- EXISTING PAVEMENT/SIDEWALK
- EXISTING BUILDINGS
- PROPOSED IMPERVIOUS COVER





BARTON SPRINGS ZONE
Impervious Cover Calculations

Gross Site Area	113.2 ac	
Net Site Area	36.4 ac	
Existing IC	17.48 ac	48.0%
Proposed IC	0.38 ac	1.04%
Removed IC	0.41 ac	1.13%
Total IC	17.45 ac	47.9%

LEGEND

- EXISTING PAVEMENT/SIDEWALK
- EXISTING BUILDINGS
- PROPOSED IMPERVIOUS COVER
- BARTON SPRINGS ZONE

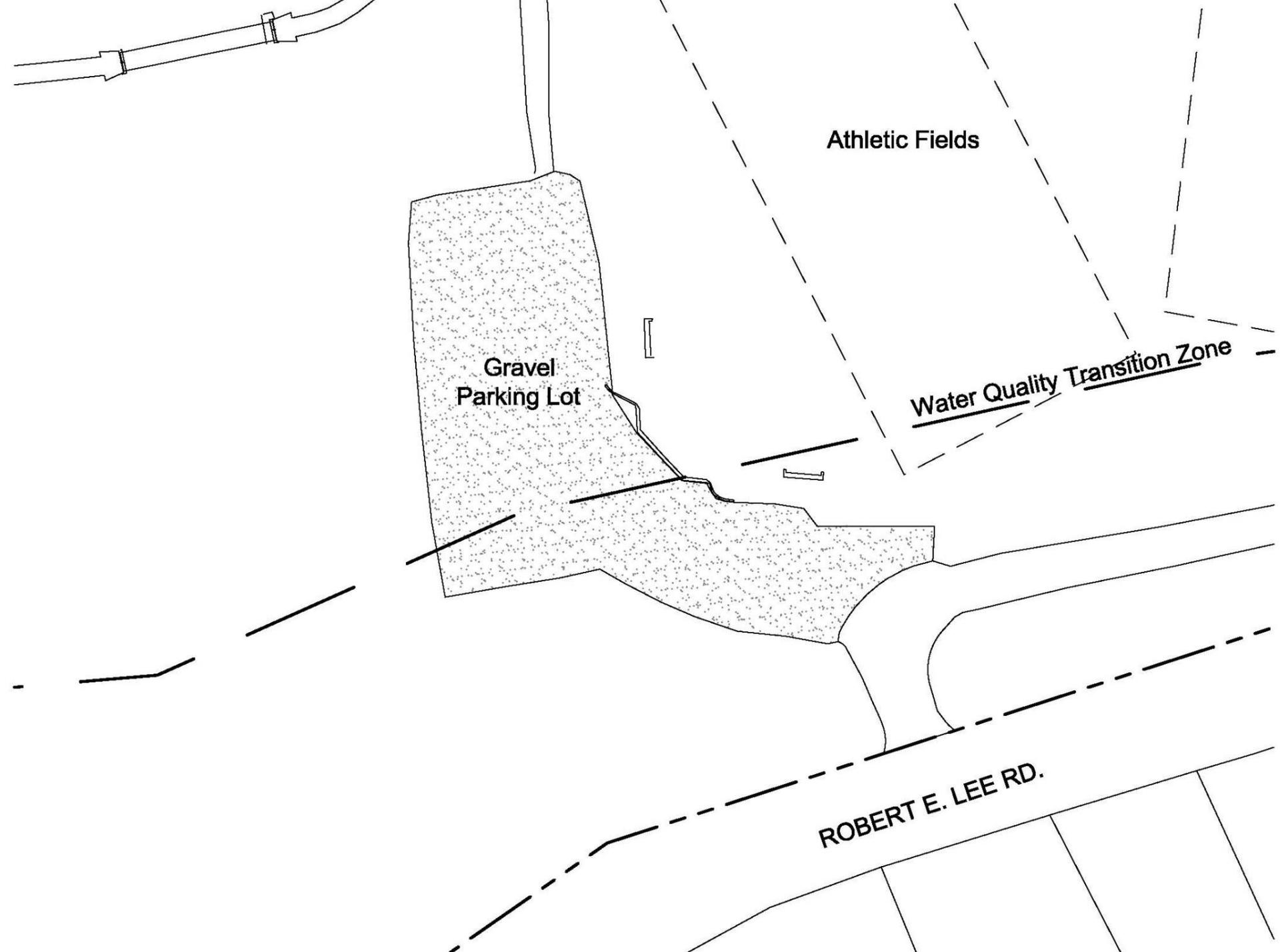


Ordinance Conditions

- Remove existing impervious cover to result in "no net increase" in the Barton Springs Zone
- Maintain water quality control per maintenance agreement
- Provide 2,000 sq. ft. of restored riparian area upstream of the main spring
- Provide increased bicycle parking
- Provide 15,000 sq. ft. of additional landscape area using native plants

Parking Lot Paving

- Existing gravel parking lot does not meet current code
- Stormwater runoff and dust issues
- Multiple options considered as part of stakeholder process
- 124 space parking lot selected by the Joint Parks/Environmental Board Committee

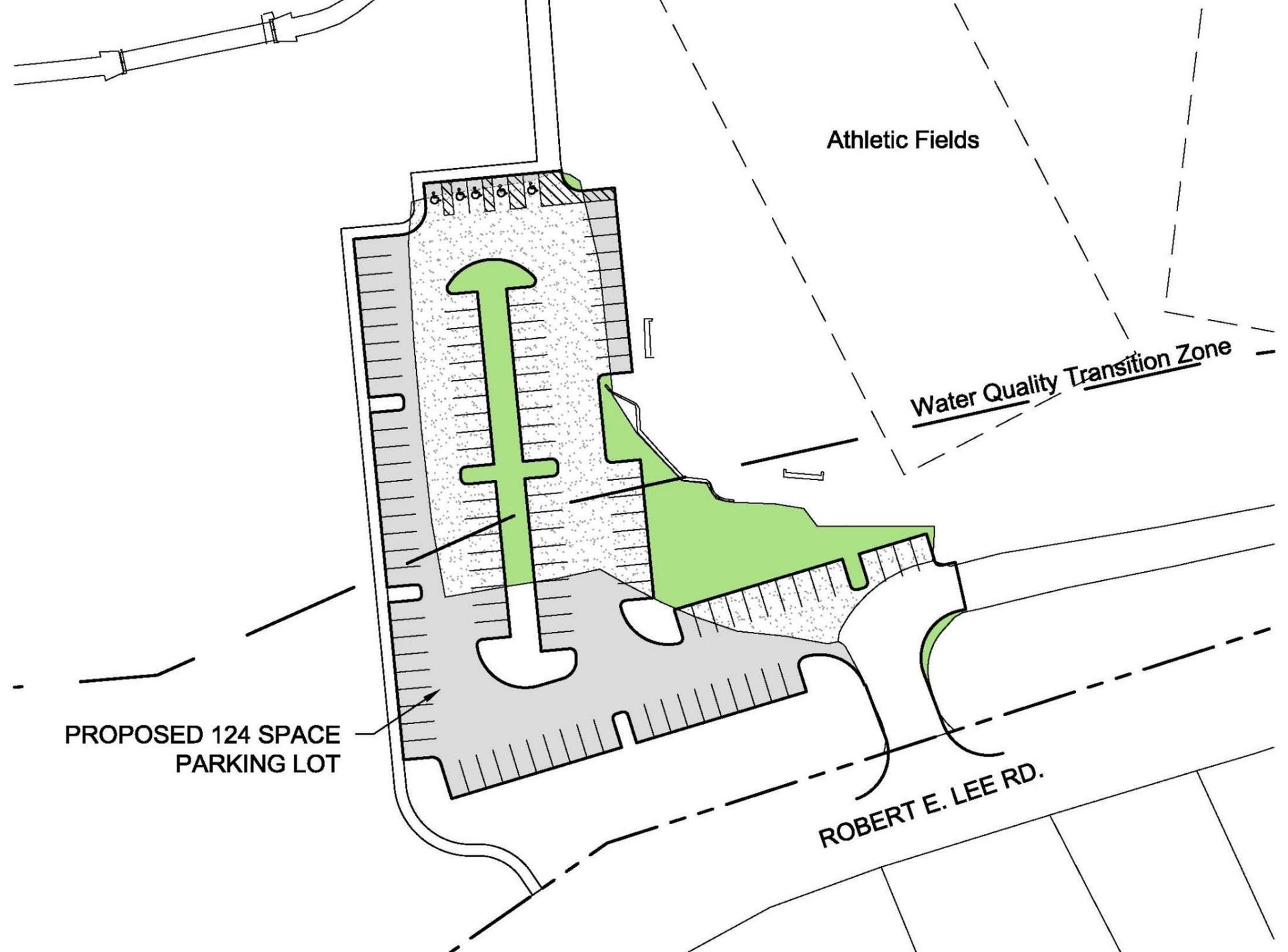


Athletic Fields

Gravel
Parking Lot

Water Quality Transition Zone

ROBERT E. LEE RD.



Athletic Fields

Water Quality Transition Zone

PROPOSED 124 SPACE
PARKING LOT

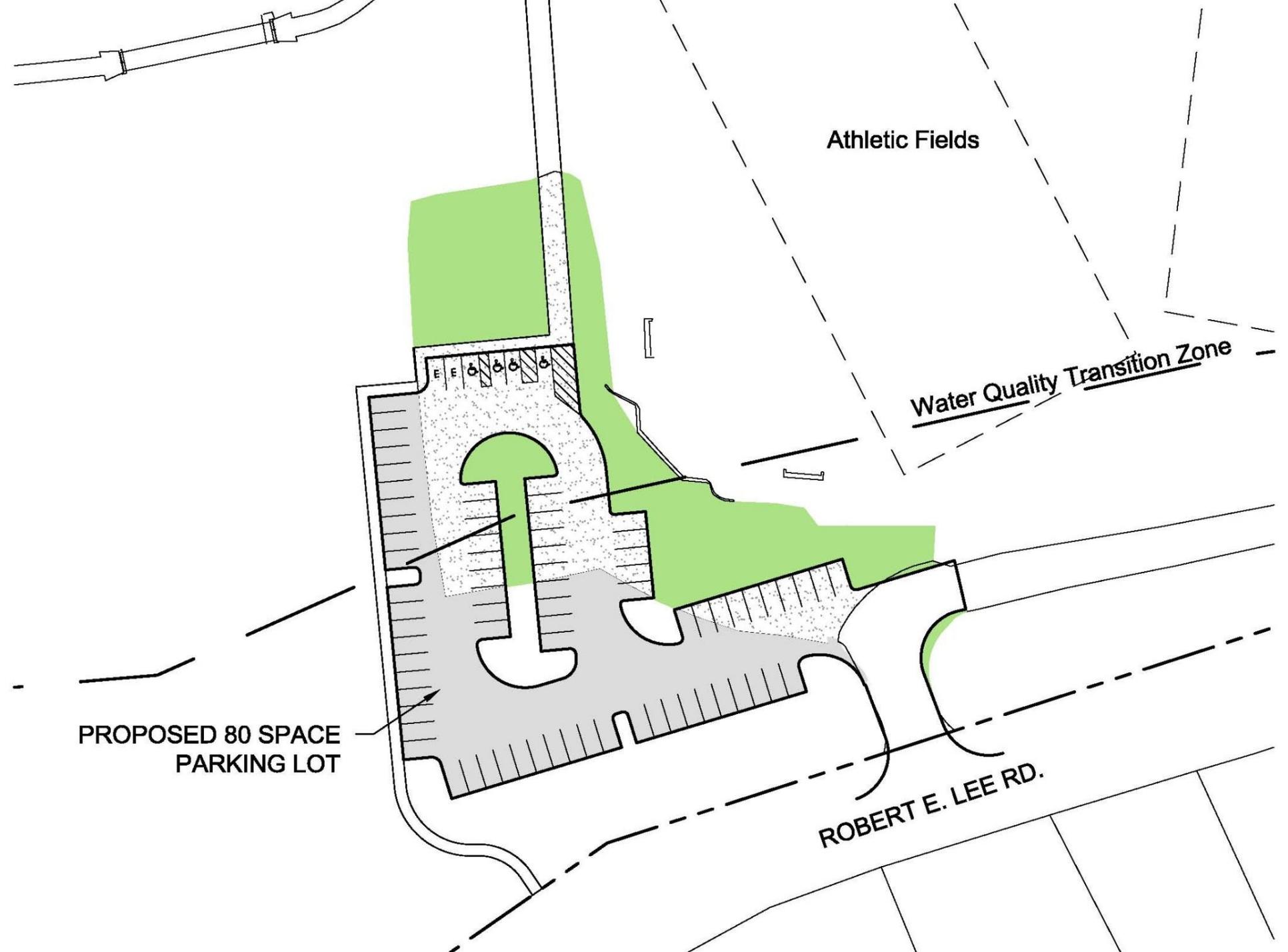
ROBERT E. LEE RD.

Athletic Fields

Water Quality Transition Zone

PROPOSED 80 SPACE
PARKING LOT

ROBERT E. LEE RD.

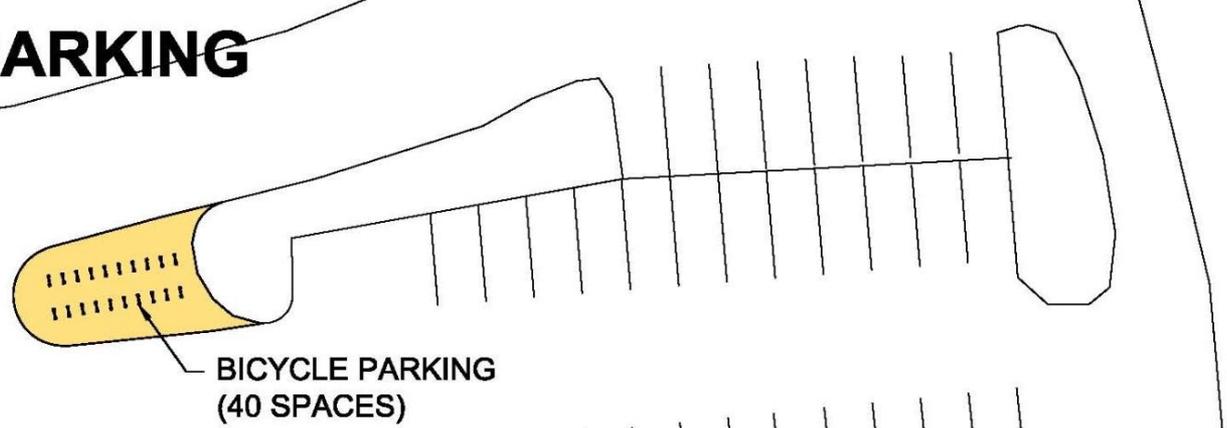


Benefits of Paved Parking

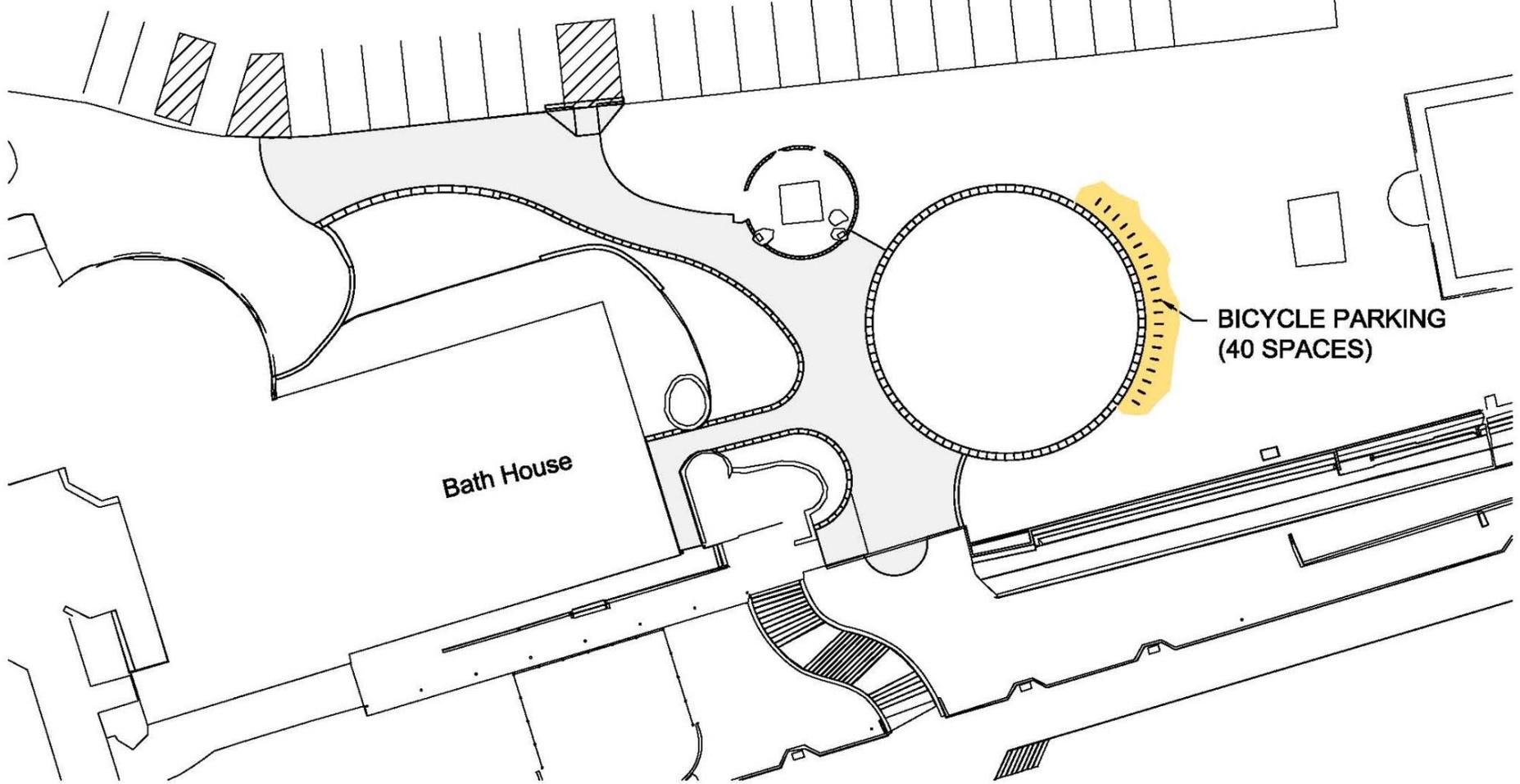
- ADA parking on south side
- Landscape (reduce urban heat island)
- Improved stormwater runoff and dust control
- Water quality compliant with SOS requirements
- Controlled vehicle maneuvering
- Emergency vehicle access

BICYCLE PARKING

Tree Court



BICYCLE PARKING
(40 SPACES)

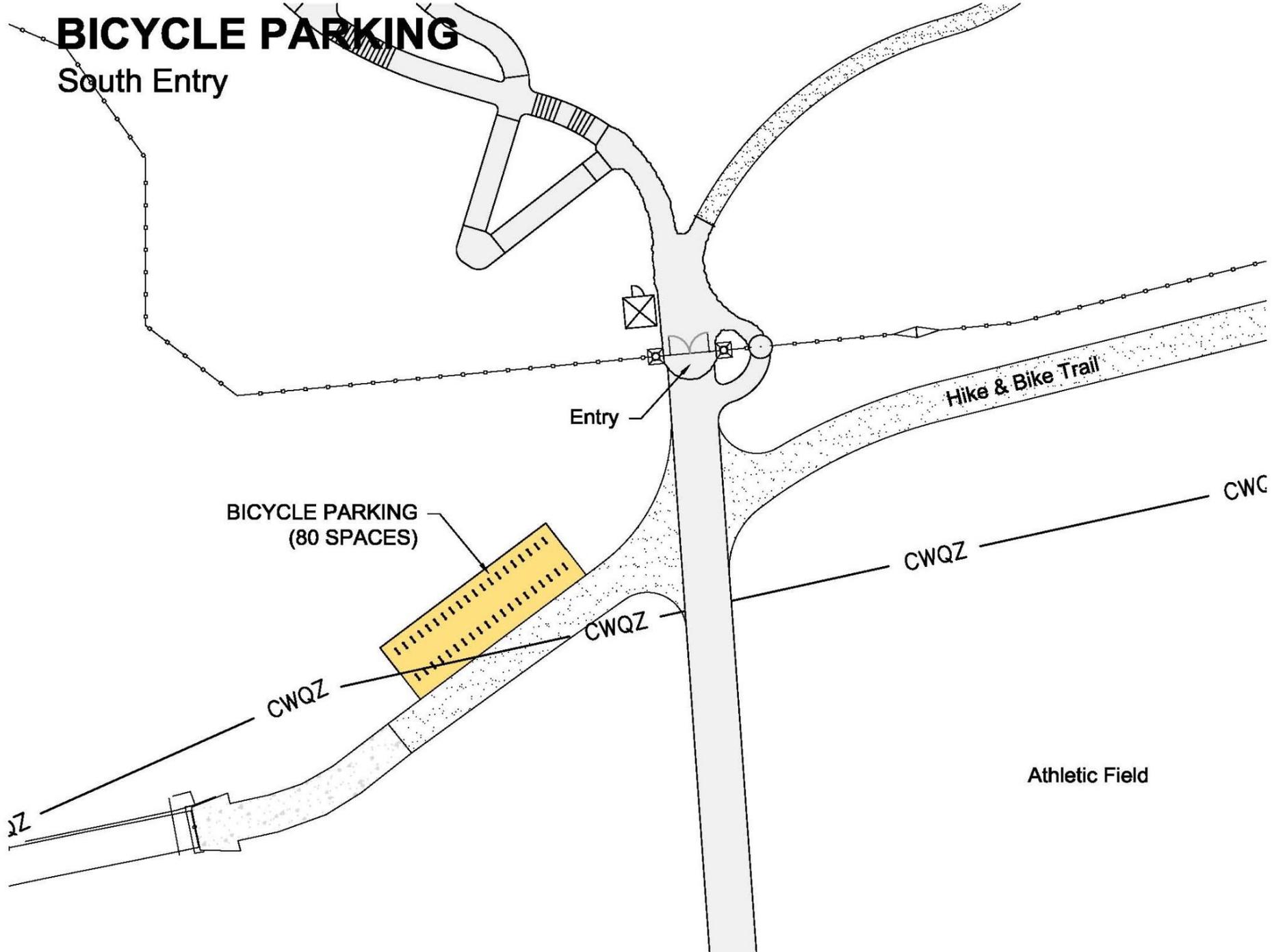


Bath House

BICYCLE PARKING
(40 SPACES)

BICYCLE PARKING

South Entry



Entry

BICYCLE PARKING
(80 SPACES)

Hike & Bike Trail

CWC

CWQZ

CWQZ

CWQZ

Athletic Field

Z

South Overlook Trail

- Variance or ordinance amendment not required
- Decomposed granite
- Provides accessibility to an "experience" (historical marker and view of pool)
- Controlled path to direct users to south lawn important to prevent erosion and tree root compaction

BARTON SPRINGS BATHING POOL
AUSTIN, TEXAS

PHOTO
ELLISON
- Austin -

South Overlook Trail

- Layout has gone through stakeholder process with both support and opposition
- Same site plan presented to all Boards and Commissions
- Recommendations are provided
- 6 of 11 Committees, Boards, or Commissions recommended approval
- 5 of 11 recommended removal

BARTON SPRINGS BATHING POOL
AUSTIN, TEXAS

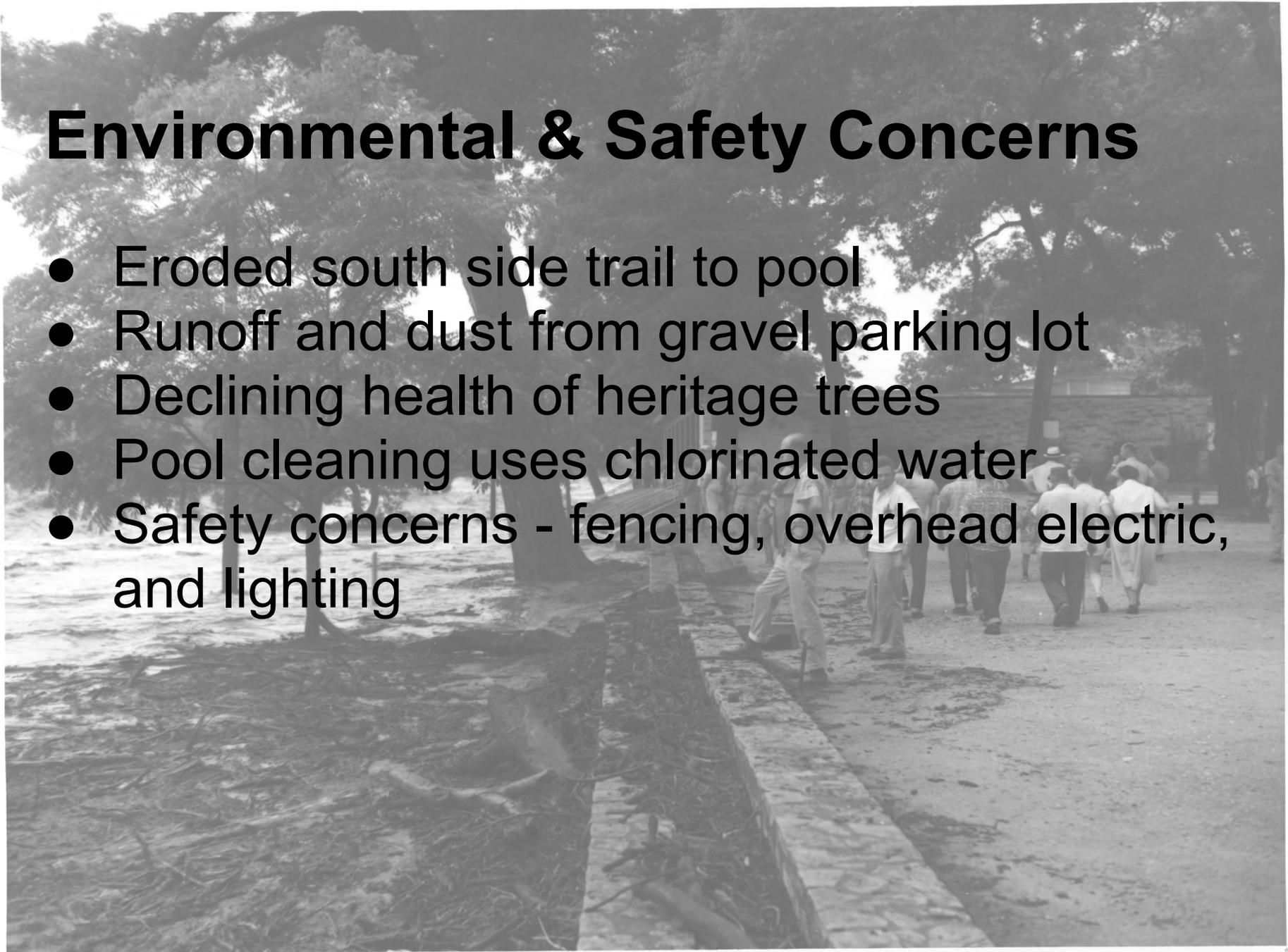
PHOTO
ELLISON
- Austin -





Environmental & Safety Concerns

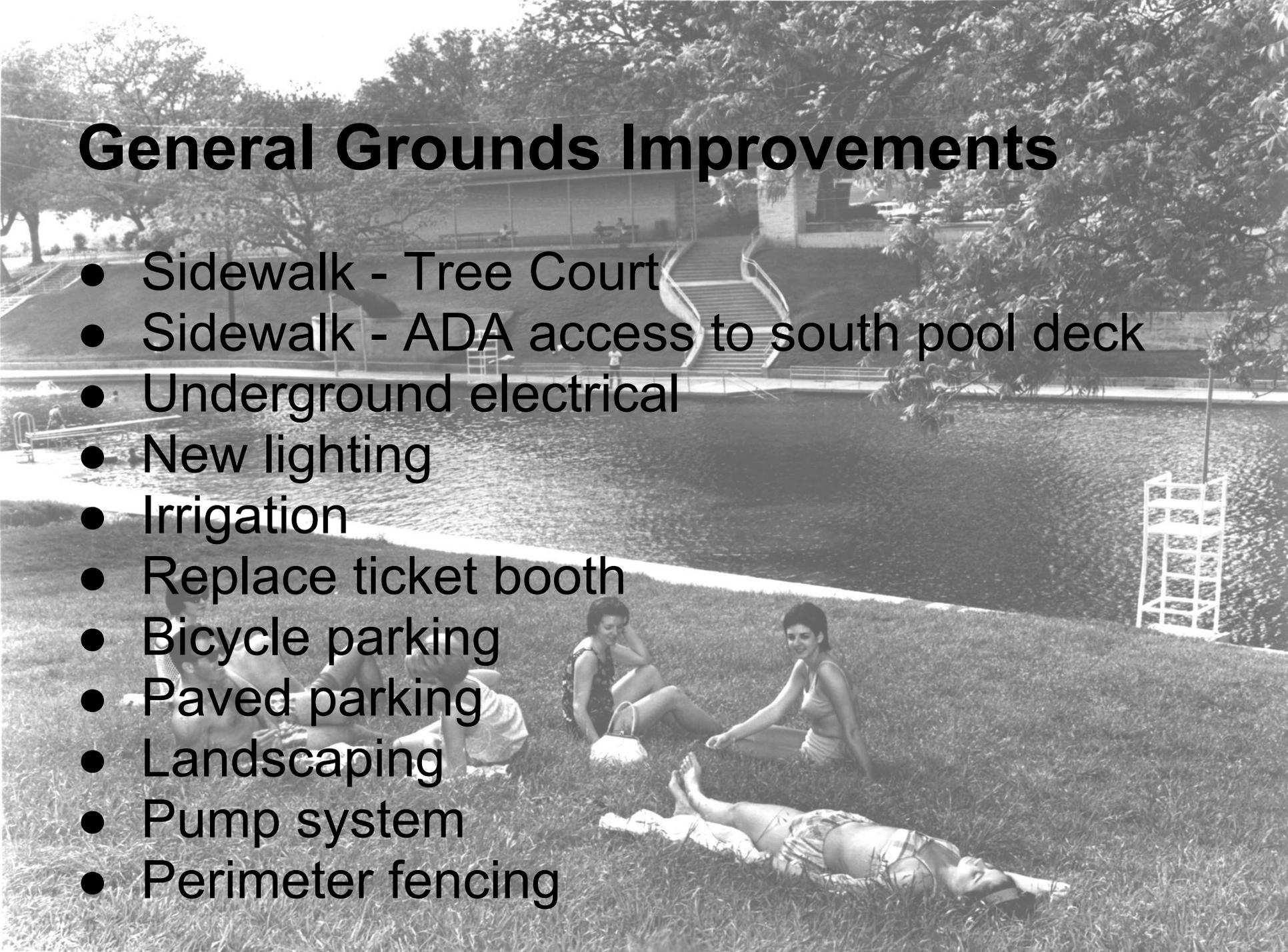
- Eroded south side trail to pool
- Runoff and dust from gravel parking lot
- Declining health of heritage trees
- Pool cleaning uses chlorinated water
- Safety concerns - fencing, overhead electric, and lighting



Environmental & Safety Benefits

- Improved turf and additional landscaping
 - Improved water quality to pool and Barton Creek
 - Dust control
 - Improved health to heritage trees
 - Partial riparian restoration
 - Accessibility
 - Decreased use of potable water
 - Improved safety - secure fencing, underground electric, and improved lighting
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