

General Grounds Improvements for Barton Springs Pool

Austin, Texas

Urban Forestry Board Meeting

August 15, 2012



Larson Burns & Smith

Landscape Architects / Planners

Stansberry Engineering

Civil Engineers

Saenz + Bury

MEP Engineers

Frank Lam & Associates

Structural Engineers



Barton Springs Pool – General Grounds Improvements – Existing Aerial View



A. South Entry Gate

See Options below for South Entry Gate
 New Ticket Booth
 New Bike Parking

B. Combined ADA Path and Steps

Access to Pool Deck
 5' Wide Warm Tone Concrete with Handrails
 Accented with Limestone
 Weathered Limestone Boulders along Path

C. South Woods

Plant Native Vegetation on Slopes and Drainage Way

D. Connection to Pool Deck

Access to Pool Deck and South Lawn Area

E. Overlook Area

Decomposed Granite (D.G.) Pathway to Overlook
 Access to South Lawn Area
 Access to Historic Monument
 Seating Provided

F. New Ornamental Perimeter Fence

G. Relocated D. G. Trail

H. South Parking Lot

Accessible Parking Spaces Provided in Base Bid
 Expanded Concrete Paved Lot Provided in Add Alternate Bid
 Pathway Connection Provided to Robert E. Lee

I. Planting on Slope

Planted with Native Vegetation

J. Tree Court

A Portion of the Walkway is Elevated over Existing Pecan Tree Root Zone
 Overlook Area
 Informal Seating
 Native Plantings

General Grounds Improvements

1. Tree Court
2. South Trail
3. Landscape
4. Perimeter Fencing
5. Electrical Upgrades and Water
6. South Parking Lot

August 13, 2012

Stansberry Engineering



Existing Aerial View



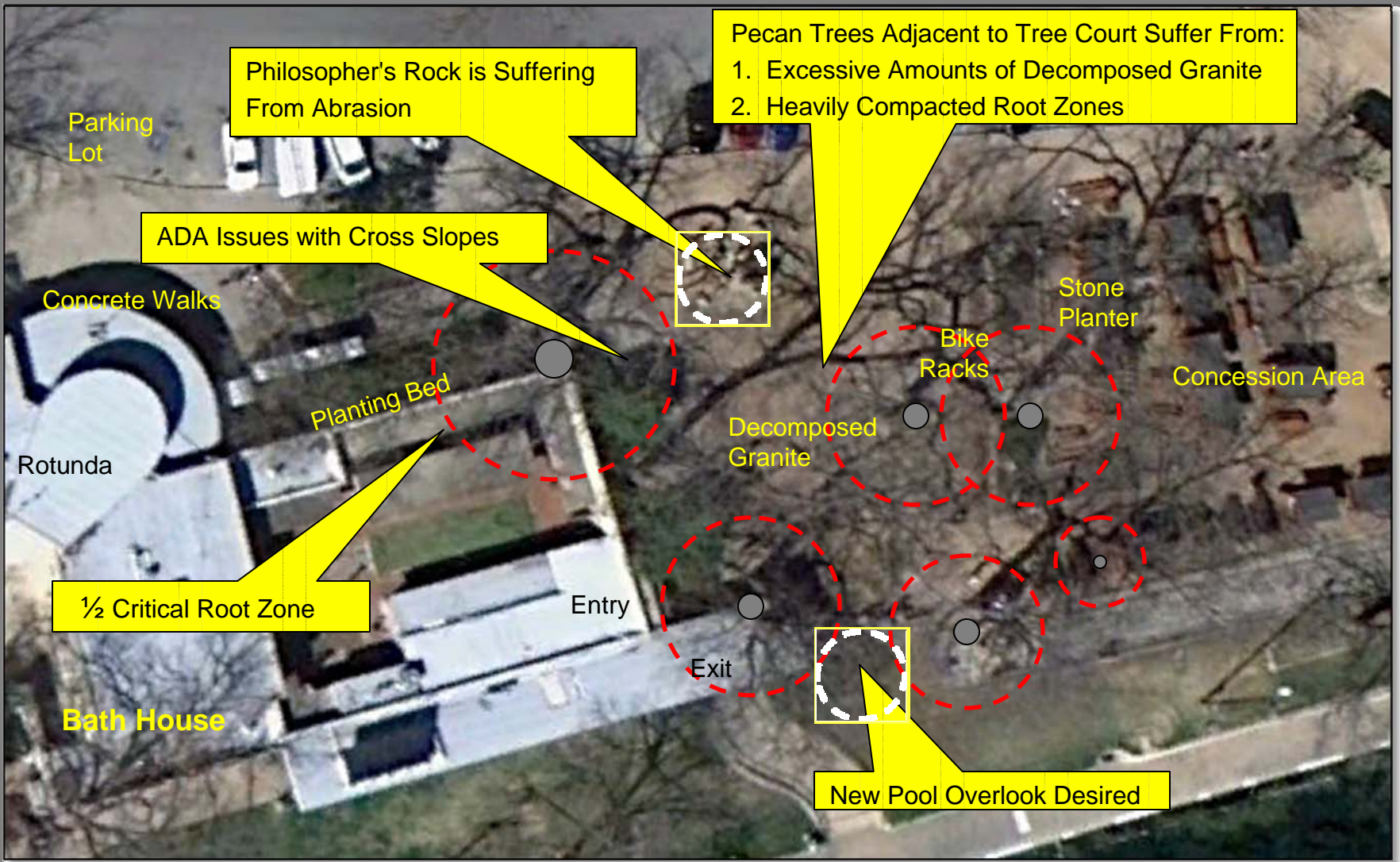
Barton Springs Pool

Tree Court Improvements



Stansberry Engineering

Existing Conditions Plan



Tree Court Improvements



Arborist's Recommendations for Tree Care:

*From Don Gardner's Tree Care Option Letter dated March 27, 2011

- ***Overall Objective - "Reinvigorate the Root System of the Pecan Trees"***

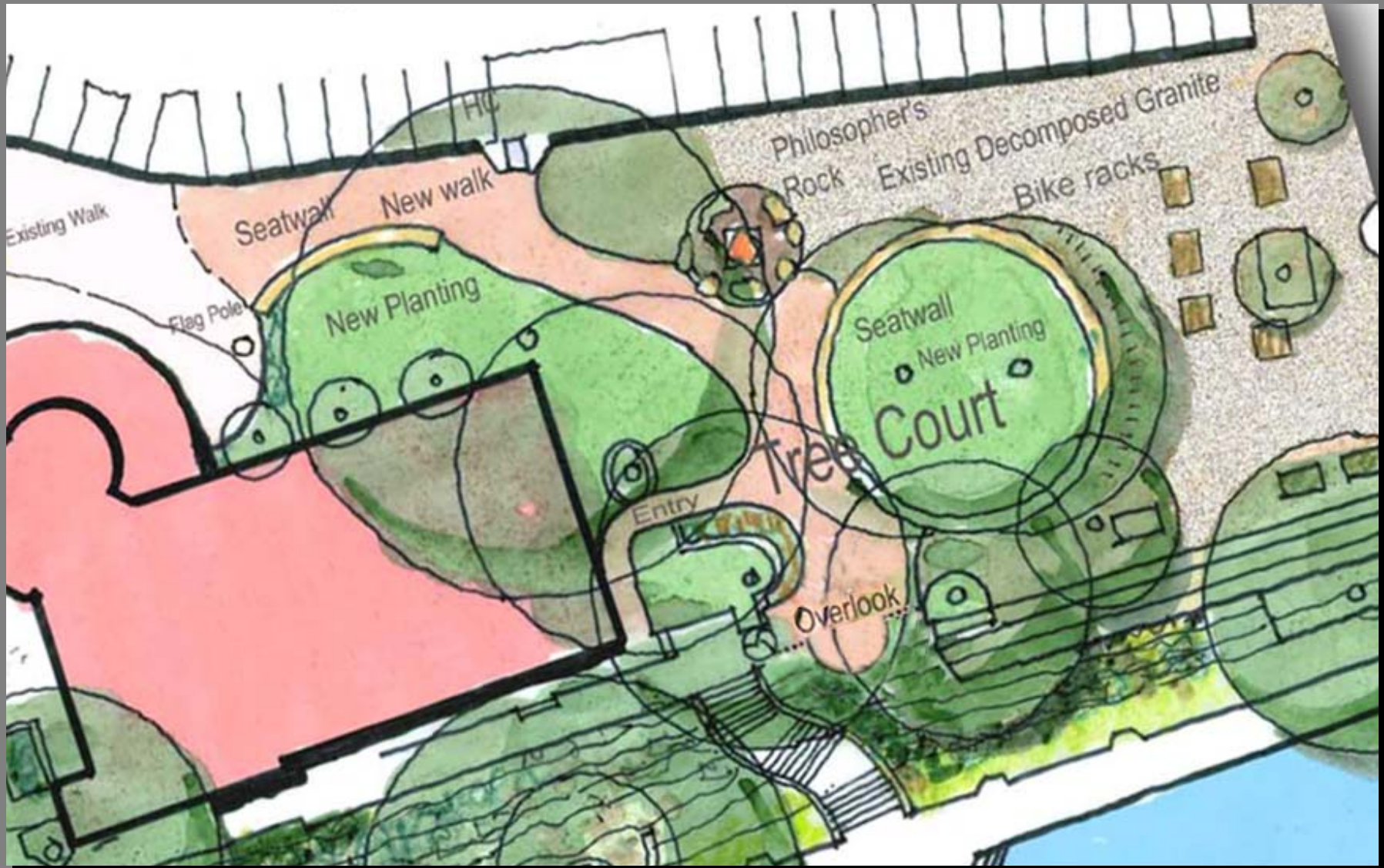
Recommended Treatments Include:

- 1. Remove the layer of Decomposed Granite (DG) approx. 12 inches deep***
- 2. Perform root invigoration work by using an air spade to loosen soil and adding compost***
- 3. Retain permanent planting and mulched areas as "dedicated tree root areas"***
- 4. These dedicated tree root areas should be a significant percentage (50%) of Tree Court area***
- 5. Dedicated tree root areas should be maintained regularly (compost, mulch and irrigation)***

Additional Recommendations Include:

- 1. Remove existing sidewalk that curves around the building at the entrance. The walk sits on one of the best areas to create root growth.***
- 2. Slightly elevate the new walk over the tree root area.***
- 3. Additional new trees (two to four) should be planted now for the future.***

Proposed Improvements Plan



Barton Springs Pool

Tree Court Improvements



Stansberry Engineering



Before

Barton Springs Pool

Tree Court Improvements

Stansberry Engineering

LARSON
BURNS
SMITH



After

©

Barton Springs Pool

Tree Court Improvements

Stansberry Engineering

LARSON
BURNS
SMITH



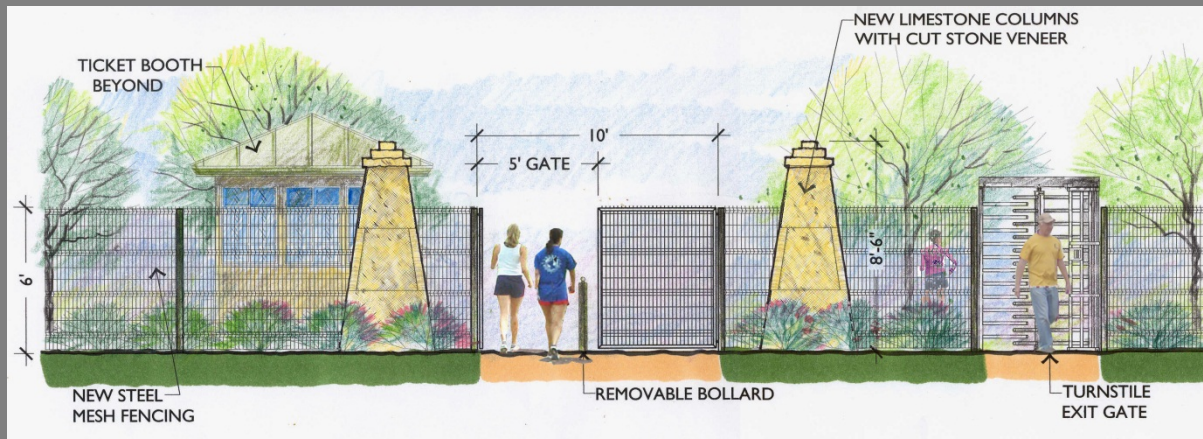
Plan Detail South Woods and South Lawn Area



Proposed Ticket Booth



Section – South Woods ADA Trail Min. Width 5'-6"



South Entry Gate & Stone Columns



10' Pedestrian Light and Parking Lot Light



30' Pool Light Mounted on Existing Pole

Barton Springs Pool South Entrance – South Lawn – ADA Ramp - Lighting



Stansberry Engineering

Canopy and Ornamental Trees



Bald Cypress



Live Oak



Chinquapin Oak



Native Pecan



Cedar Elm



Yaupon Holly



Texas Redbud



Flame Sumac

Shrubs & Groundcovers



Big Muhly
Grass



Red Yucca



Evergreen
Sumac



Dwarf Yaupon
Holly



Turk's Cap



Gulf Muhly
Grass



Pride of
Barbados



Cedar Sage



Bicolor Iris



Soft Leaf
Yucca



Mountain Pea



Silver Ponyfoot



Inland Sea
Oats



Four Nerve
Daisy



Blackfoot Daisy



Pink Skullcap

Turf Grass

St. Augustine

Cavalier Zoysia

Native Grass Seed Mix

Buffalo Grass

Eastern Grama Grass

Green Sprangletop

Prairie Wildrye

Switchgrass

Little Bluestem

Blue Grama

Sideoats Grama

Curly Mesquite

Indiangrass

Texas Cupgrass

Sand Dropseed

Sand Lovegrass

Big Bluestem

Bushy Bluestem

Cane Bluestem

White Tridens

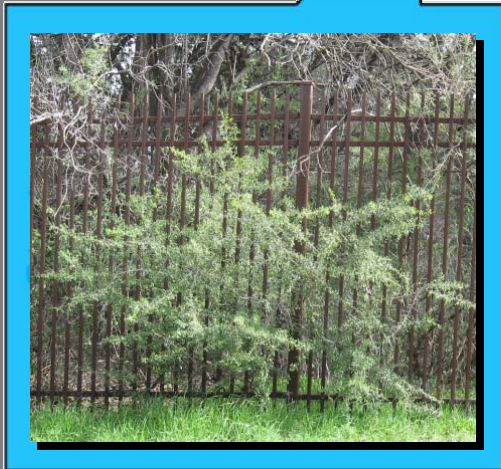
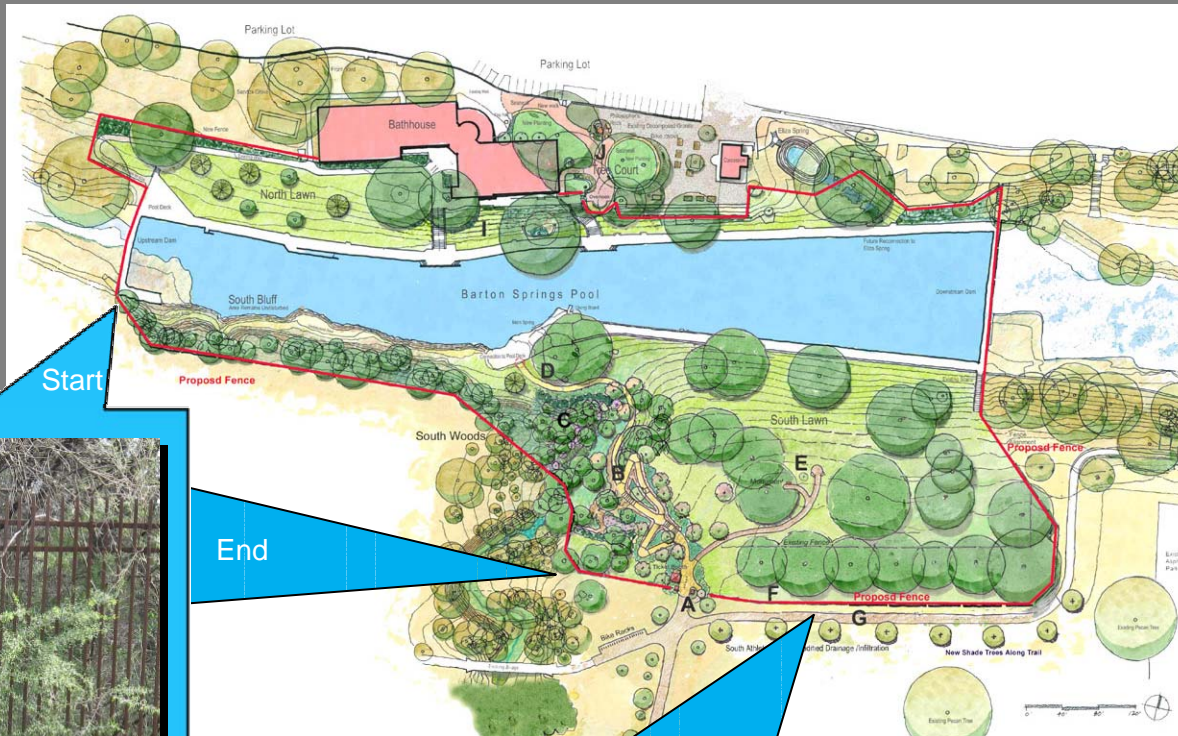
Western Wheatgrass

Barton Springs Pool

Native & Adapted Plant Palette



Stansberry Engineering



Proposed Weathered Steel
South Woods Only
Height - 8' ht.

Proposed Steel Mesh Fence
Height Varies:
4' ht. at Tree Court Overlook,
6' ht. All Remaining Areas.



Barton Springs Pool Proposed Perimeter Fence



A. South Entry Gate

See Options below for South Entry Gate
 New Ticket Booth
 New Bike Parking

B. Combined ADA Path and Steps

Access to Pool Deck
 5' Wide Warm Tone Concrete with Handrails
 Accented with Limestone
 Weathered Limestone Boulders along Path

C. South Woods

Plant Native Vegetation on Slopes and Drainage Way

D. Connection to Pool Deck

Access to Pool Deck and South Lawn Area

E. Overlook Area

Decomposed Granite (D.G.) Pathway to Overlook
 Access to South Lawn Area
 Access to Historic Monument
 Seating Provided

F. New Ornamental Perimeter Fence

G. Relocated D. G. Trail

H. South Parking Lot

Accessible Parking Spaces Provided in Base Bid
 Expanded Concrete Paved Lot Provided in Add Alternate Bid
 Pathway Connection Provided to Robert E. Lee

I. Planting on Slope

Planted with Native Vegetation

J. Tree Court

A Portion of the Walkway is Elevated over Existing Pecan Tree Root Zone
 Overlook Area
 Informal Seating
 Native Plantings

General Grounds Improvements

1. Tree Court
2. South Trail
3. Landscape
4. Perimeter Fencing
5. Electrical Upgrades and Water
6. South Parking Lot

August 13, 2012

Stansberry Engineering

