Park. oposed

NELSON BYRD WOLTZ LANDSCAPE ARCHITECTS

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MEMORIAL PARK MASTER PLAN PROCESS

CLIENT GROUP







DESIGN TEAM

NELSON BYRD **■**

WOLTZ

LANDSCAPE

In September, 2013 Nelson Byrd Woltz Landscape Architects was selected to lead the design efforts. After an 8 month research phase, the team moved on to programming and design, with the planning process to reach completion April, 2015.



Consulting

Land Surveying

Social Media Consulting

FAZIO

Medley

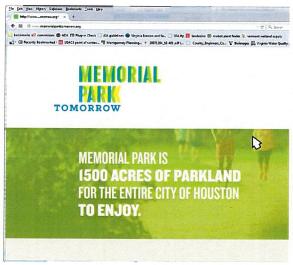
LUPHER, LLC

ENGAGING HOUSTONIANS IN THE MASTER PLAN PROCESS

The master planning team has engaged 3,300 participants in public process via public meetings, online input, and focused workshops.



1200 participants
Joined eight public meetings



1,829 participants Engaged online

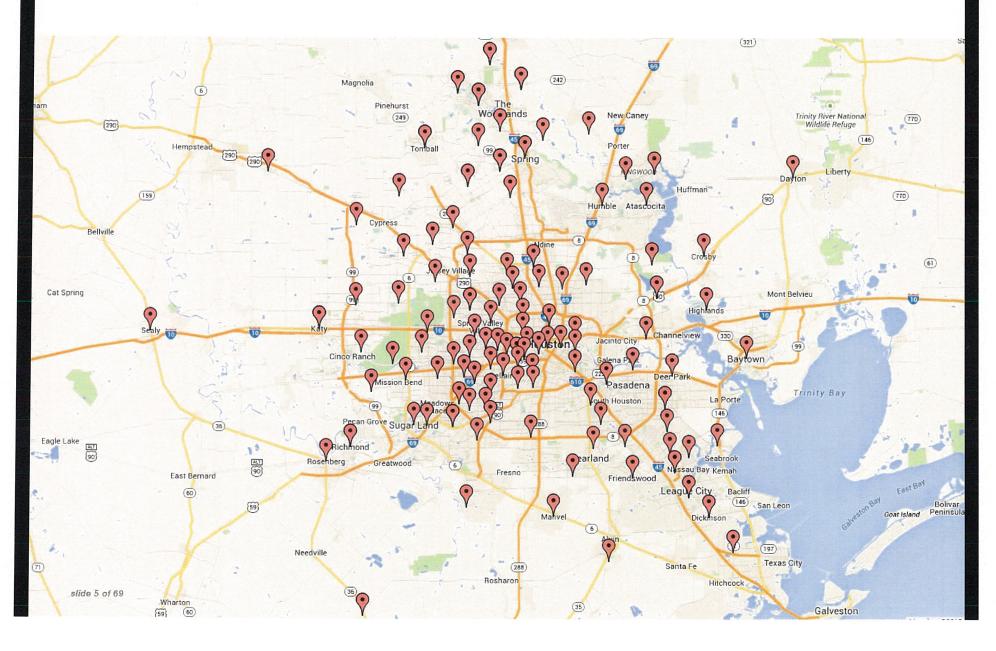


288 participants

Joined twenty focused workshops

A PARK FOR ALL HOUSTONIANS

A recent survey of 774 runners using Memorial Park showed that people had come from 134 different zip codes, all across Houston to use the park.



GUIDING PRINCIPLES

RECONNECT...

the land, waterways, trails, people, and memories.

CONSOLIDATE...

compatible uses together in appropriate areas.

RESTORE...

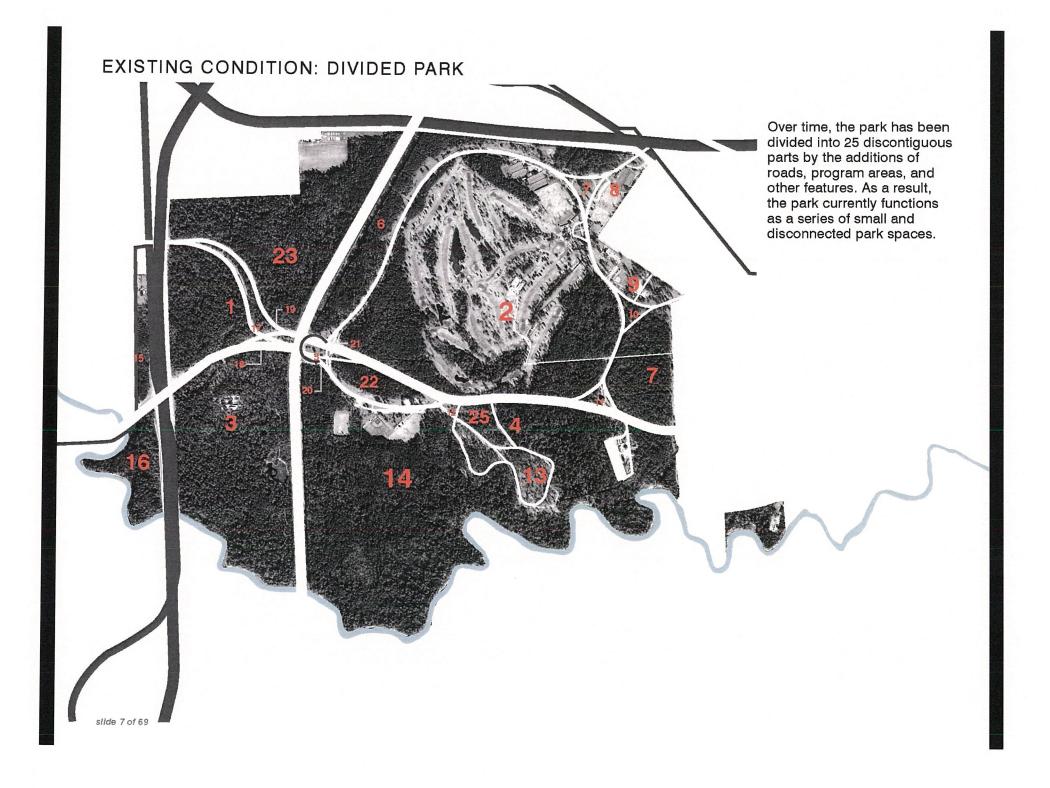
the ecology of the park and our connection to it.

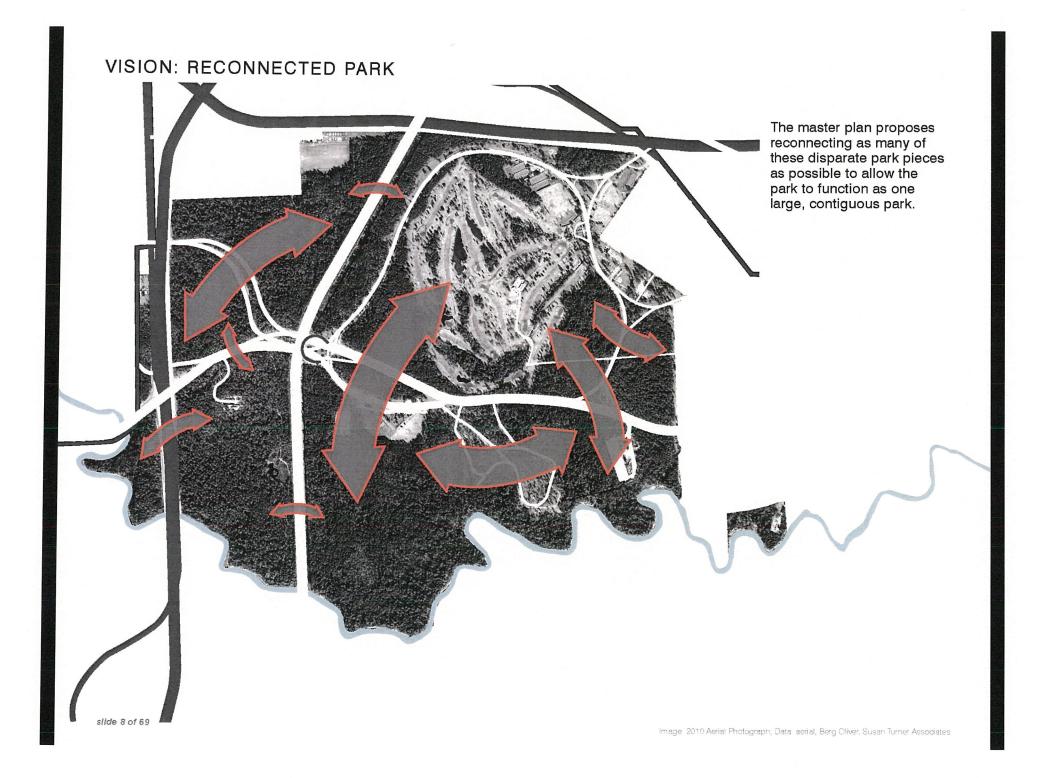
ENHANCE...

the overall park experience and its amenities.

TEND...

the land and our cultural history and maintain balance through responsible management.





EXISTING CONDITION: PROGRAM AREAS SMALL AND FRAGMENTED



In the park's current configuration, program areas are small and fragmented. Trail use areas to the south and west sides of the park are interrupted by ball fields and the large picnic loop. Active recreation features are scattered in several parts of the park.





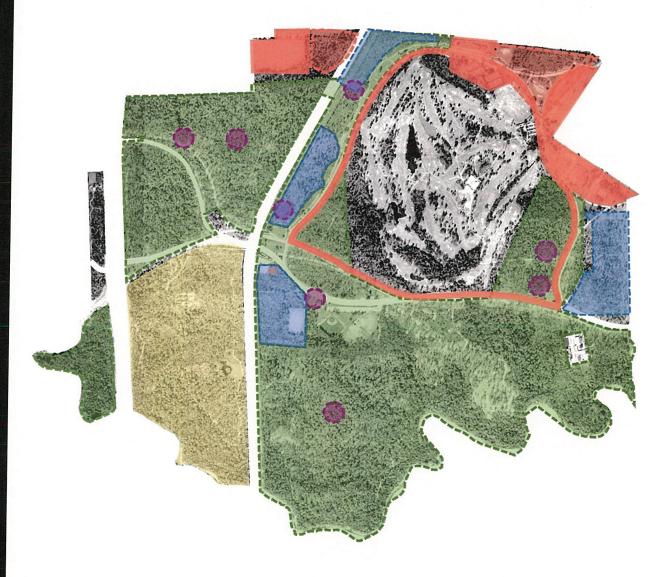
Active recreation



Arboretum and Nature Center

Picnic Area

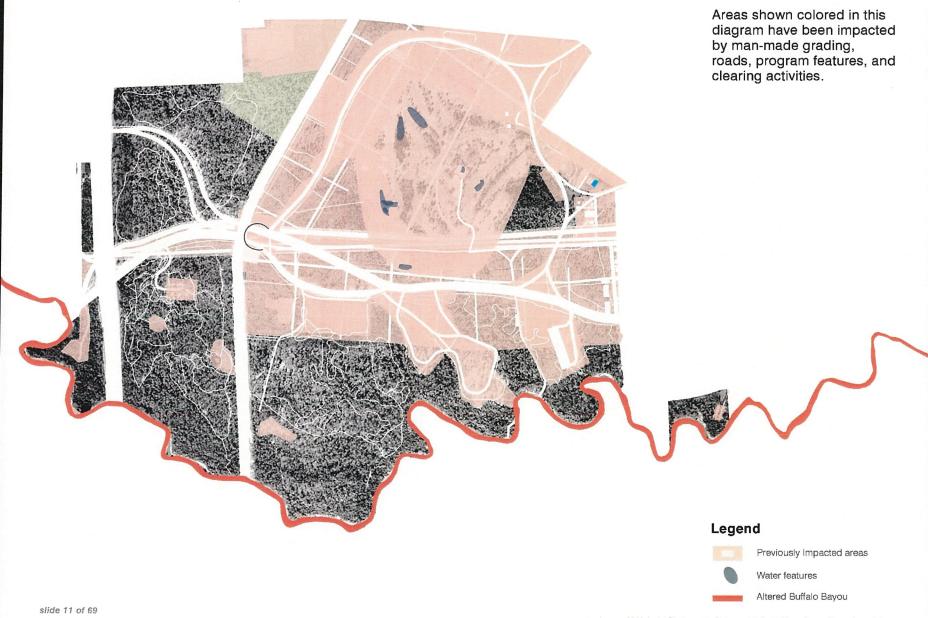
VISION: CONSOLIDATE PARK PROGRAM AND USES



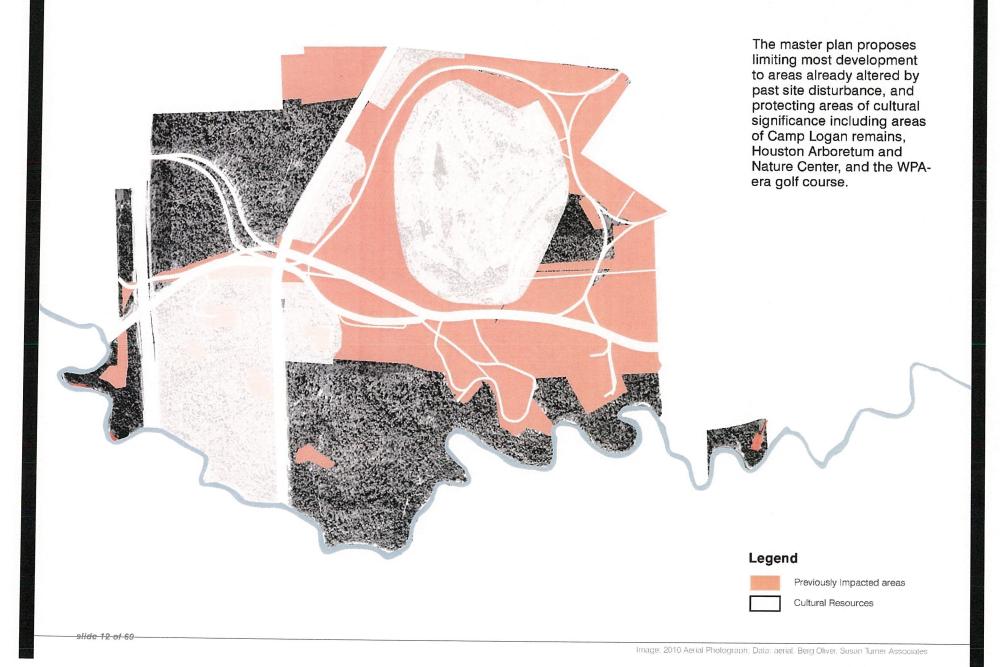
The master plan proposes merging program areas to clarify the park's organization and to provide continuous park experiences. Trail use areas are combined to the south and west sides of the park. Active recreation is clustered in the northeast where light and sound from major roads are more compatible with large-scale recreational use. Picnic grounds are dispersed throughout the site, and major cultural and historical resources are interpreted through landscape spaces.



EXISTING CONDITION: IMPACTED PARK



VISION: LIMIT AREAS OF FUTURE IMPACT TO THOSE ALTERED BY PAST DEVELOPMENT



EXISTING CONDITION: SAVANNAH WITH INVASIVE SPECIES (BERG OLIVER ASSOC.)

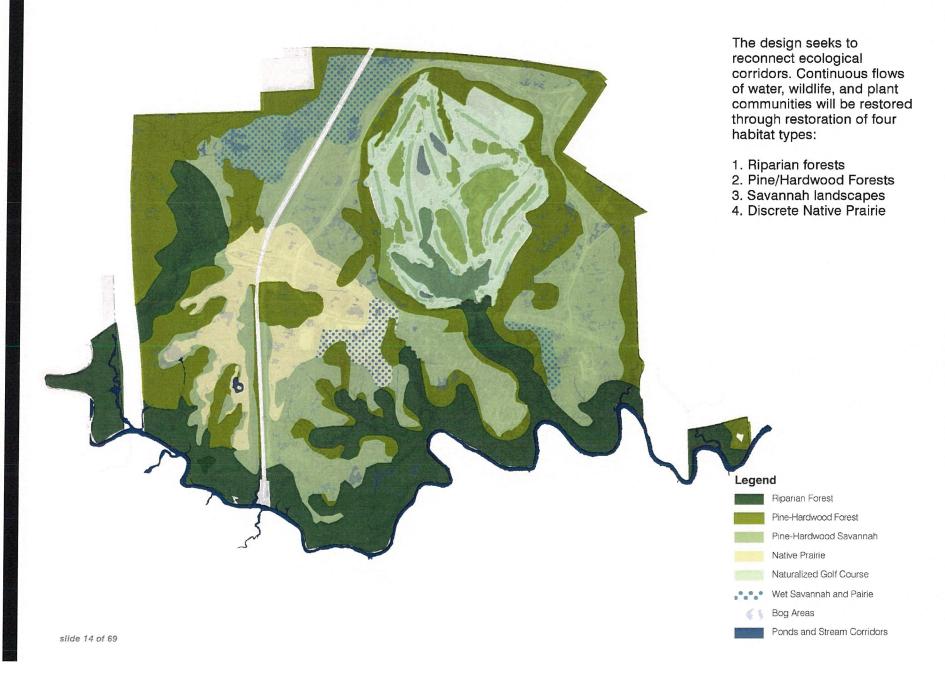


The park has become a savannah, marking a shift from 50 years of being a forest. This landscape is similar to one the Karankawa, the park's native inhabitants; would have known: resilient to fluctuating weather patterns and

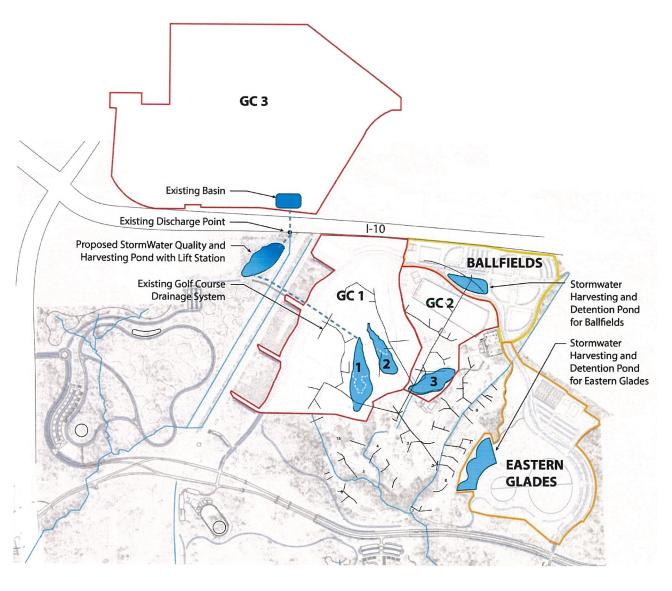
hospitable to many types of fauna. Invasive species have overrun the park; however, and require immediate and ongoing attention. (Hogg Bird study by Advanced Ecology above.)



VISION: RESTORE & TEND ECOLOGICAL COMMUNITIES



STORMWATER REUSE STRATEGY



Objective:

Reduce park potable water irrigation use with rain water collected on site (and north of the park)

Watershed Phases:

Water collection from the following watersheds will offset irrigation demand as modeled:

GC1 = 48% golf course demand

GC1+GC2 = 54% golf course demand

GC1+GC2+GC3 = 100% golf course demand

Ballfields = 50% offset

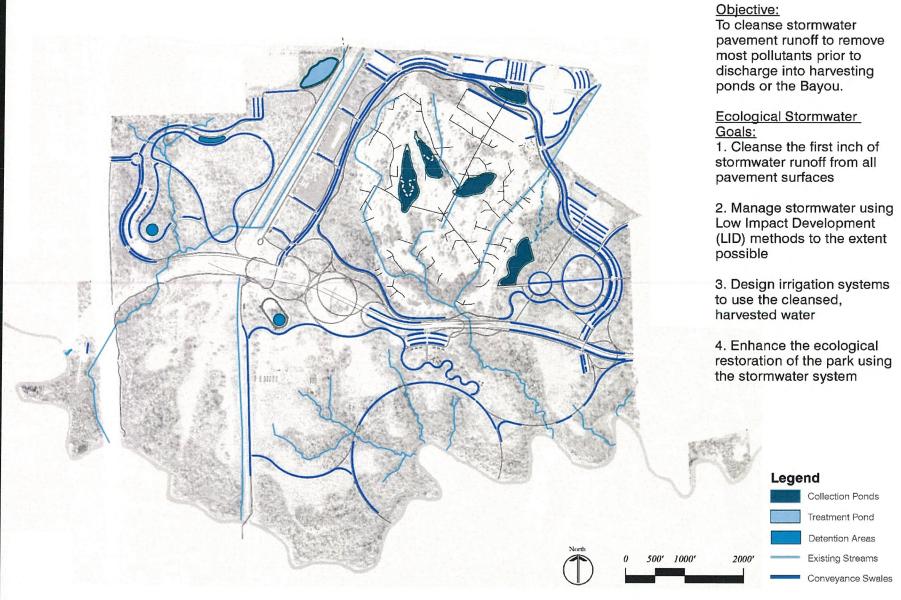
Eastern Glades = 75% offset

Legend

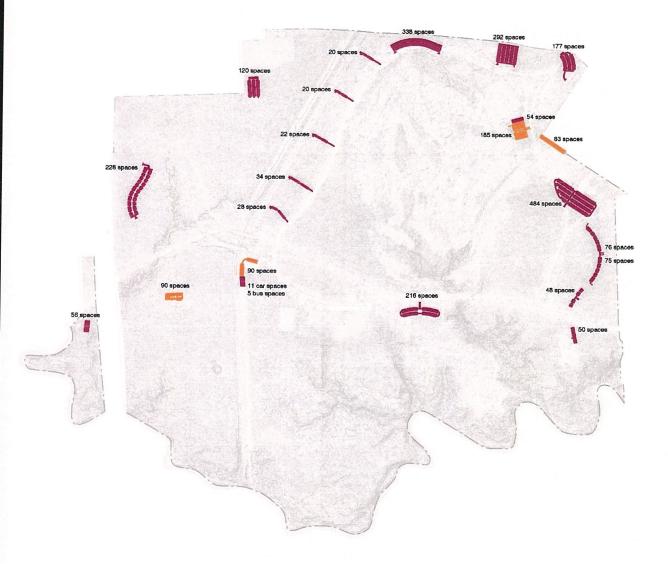


Treatment Pond
Existing Streams

ECOLOGICAL STORMWATER MANAGEMENT: OVERALL PLAN



PROPOSED PARKING



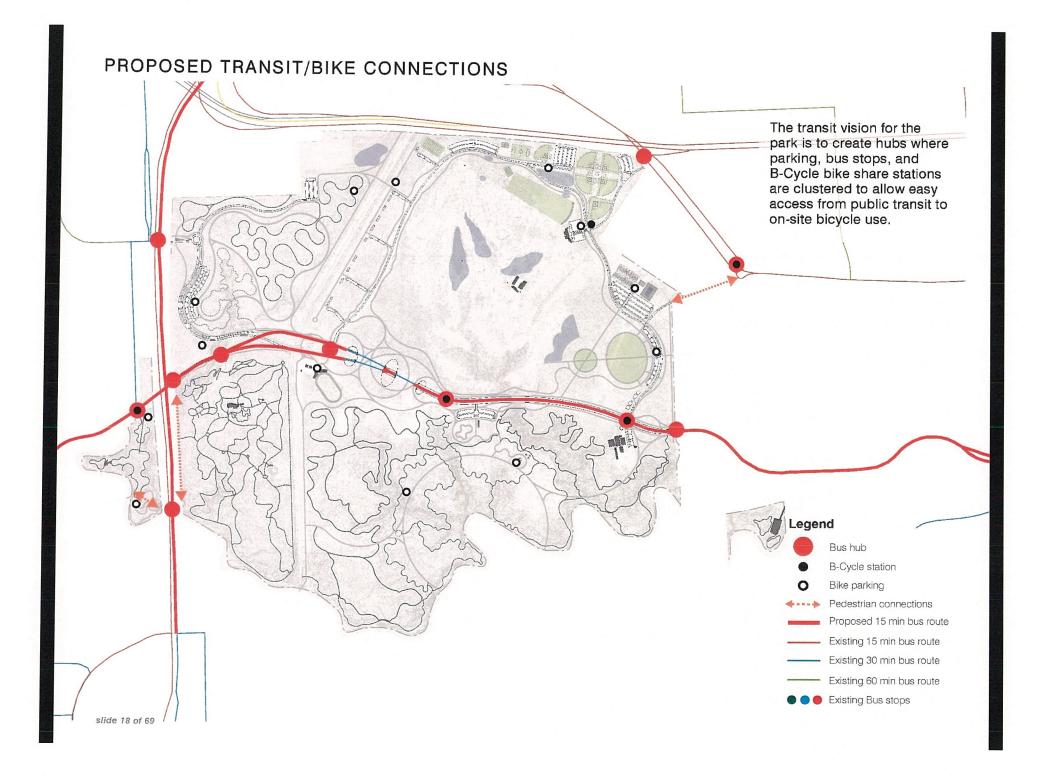
Dispersed parking lots provide improved access to park activities. Parking along Memorial Loop Road is removed, allowing for two way traffic and a more park-like feeling. Discrete parking areas now provide access to all parts of the site.

The proposed parking design provides greater than 30% increase in parking capacity.



Legend



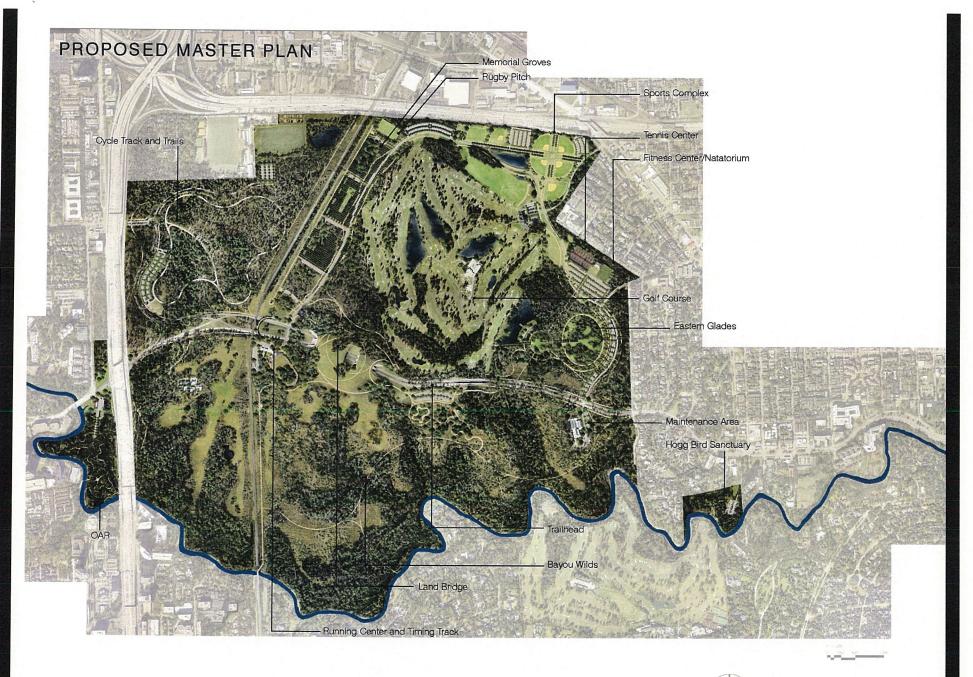


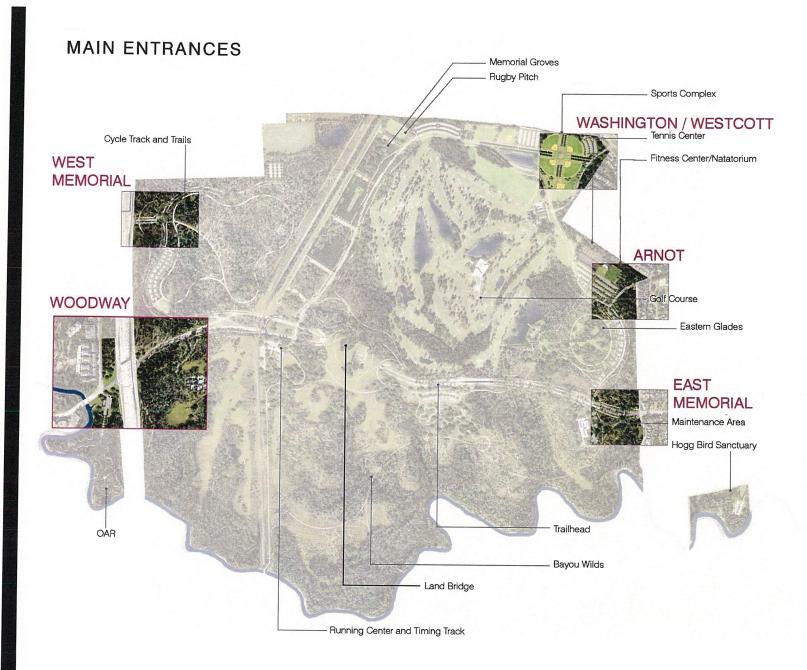
EXISTING SITE













WOODWAY ENTRANCE



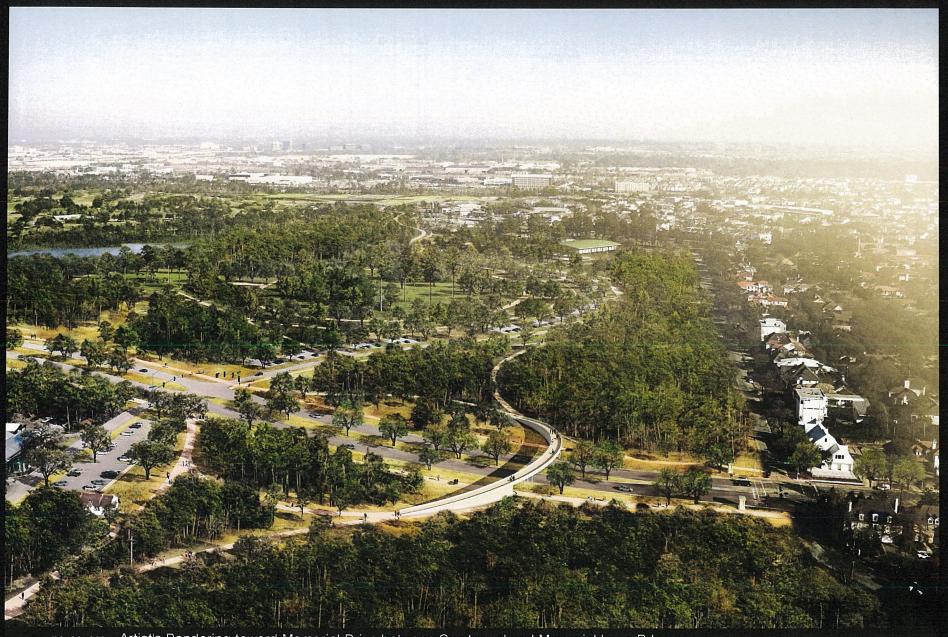
WOODWAY ENTRANCE



Section looking East toward I-610 from the Old Archery Range



EAST MEMORIAL DRIVE ENTRANCE

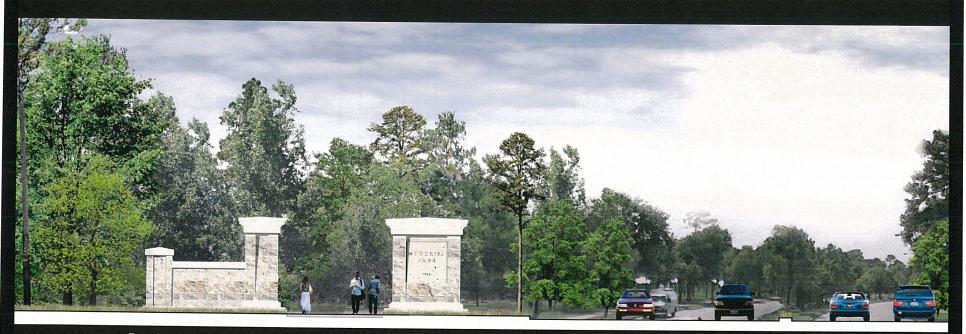


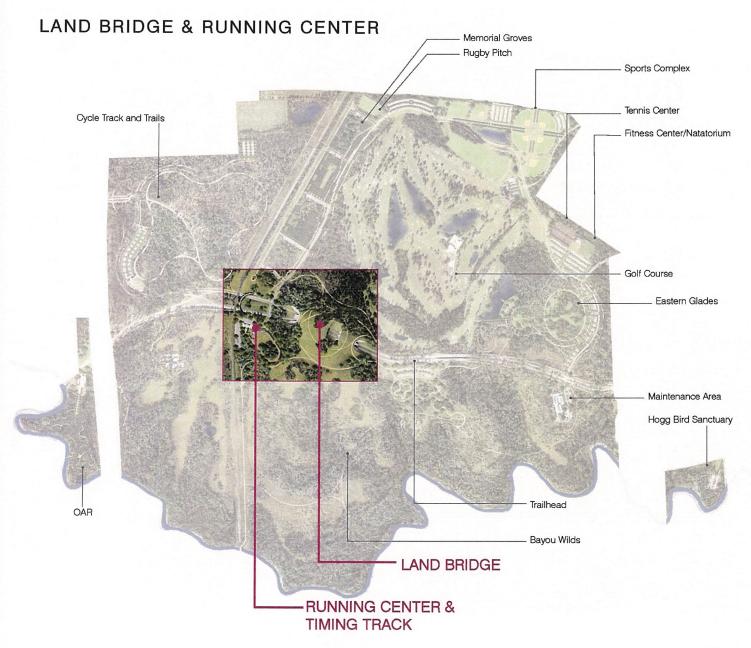
slide 24 of 69 Artist's Rendering toward Memorial Drive between Crestwood and Memorial Loop Rd.

EAST MEMORIAL DRIVE AT CRESTWOOD

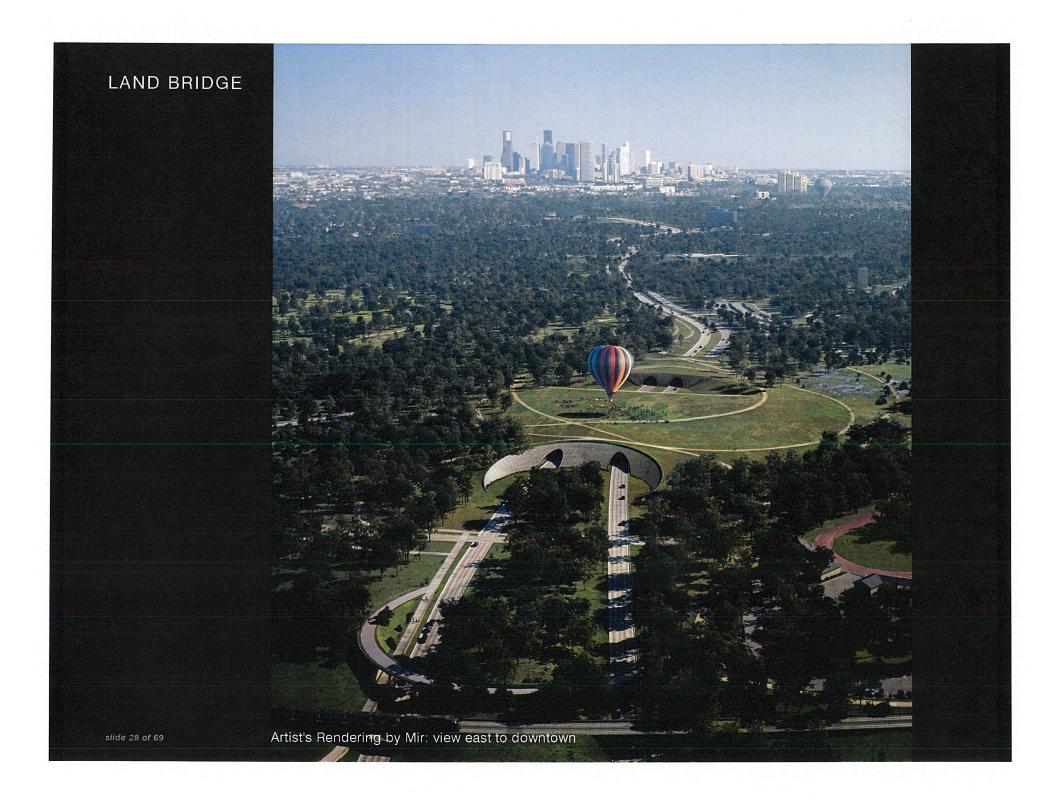


Section looking West into the park from Crestwood





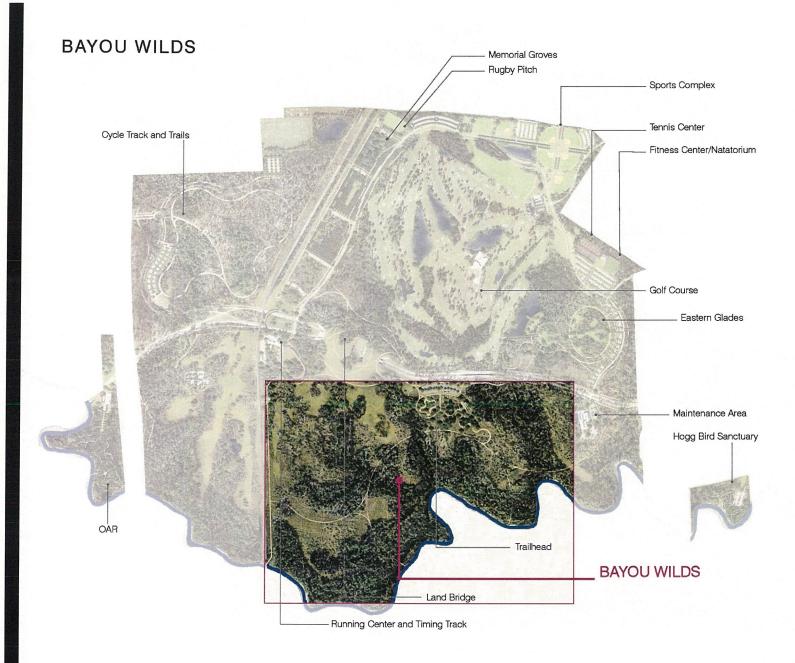




RUNNING TRAIL CENTER

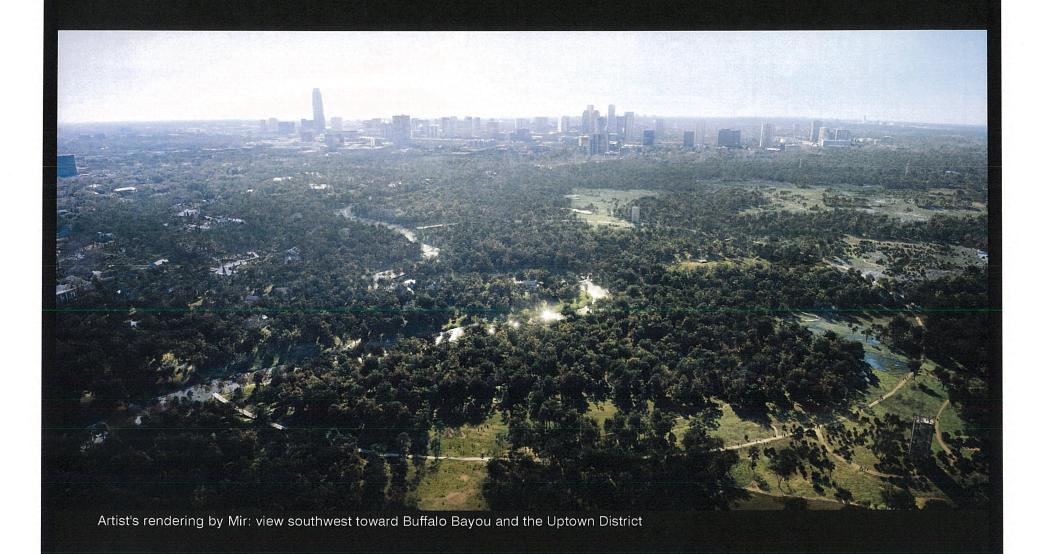


Artist's rendering: view south from Memorial Drive toward the Bayou Wilds and Uptown District

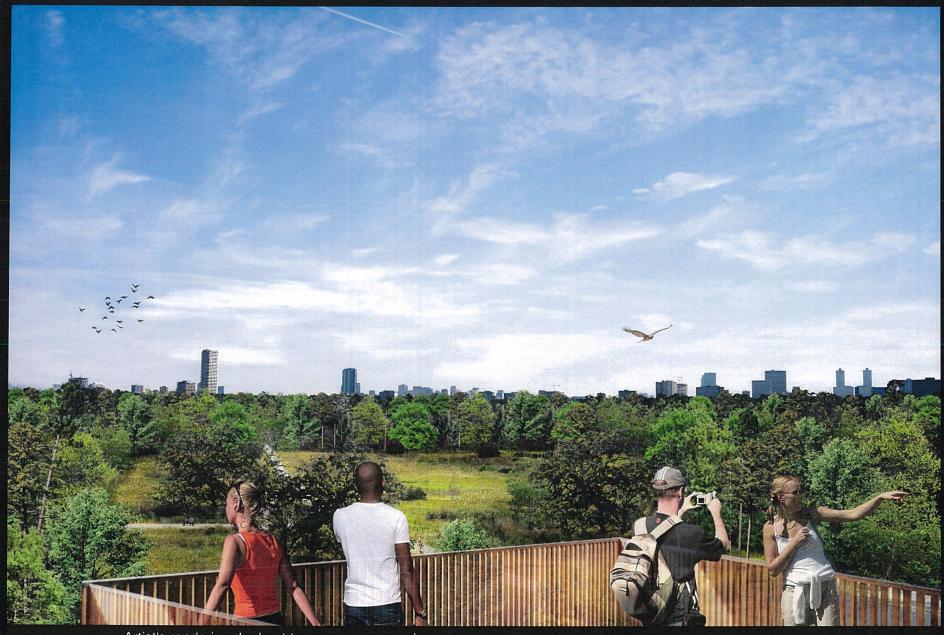




BAYOU WILDS' SOUTHERN ARC TRAIL



LOOKOUT TOWER



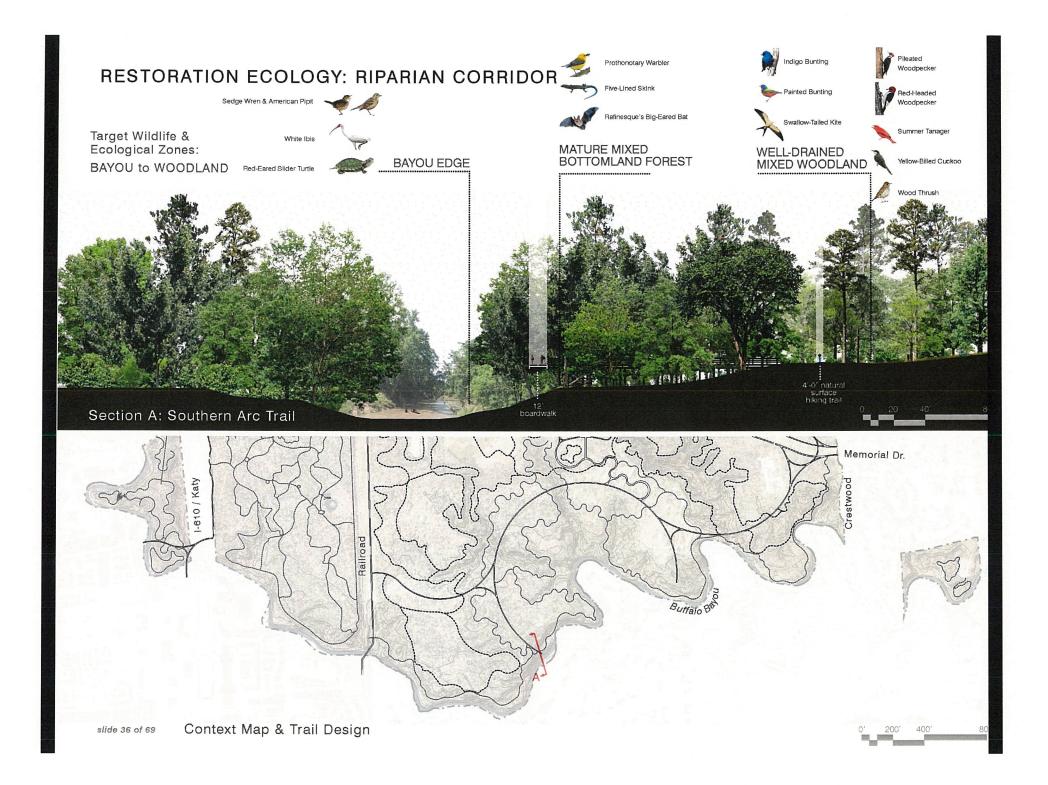
slide 33 of 69 Artist's rendering: lookout tower over savannah

BAYOU OVERLOOK



PROPOSED TRAIL NETWORK





RESTORATION ECOLOGY DETAIL: PINE-HARDWOOD FOREST Quercus alba / White Oak Agarista populfolia / Ronda Hobblebush Mitcheila repens L. / Partridgeberry Amsonia illustris / Showy Blue Star Tilia caroliniana / Carolina Basswood Pinus taeda / Loblotly Pine Quercus falcata / Southern Red Call Quercus prinus / Chestnut Call Leucothoe populfolia / Florida Leucothoe Itea virginica / Sweetspire Overcus felcata / Southern Red Oak Overcus alba / White oak Overcus stellata / Post Oak Carya ovata / Shagbark Hickory Cataipa bignonoides / Southern Catalpa Cretaegus texana / Texas Hawthorn Calificarpa americana / Beautyberry Quercus prinus / Chestnut Oak Andropogon ternarius Michx. / Splitbeard BluesternOats Carya illinoensis / Pecan Morus rubra / Red Mulberry ymphoricarpos orbiculatus / Coral Berry Rubus triviaris / Develoerry Quercus stellata / Post Oak Quercus virginiana / Southern Live Oak Muhlenbergia capillaris / Gulf Muhley Schizachyrium scoparium / Little Bluestem

BAYOU WILDS HIKING TRAIL



Artist's rendering: view in a Savannah ecosystem

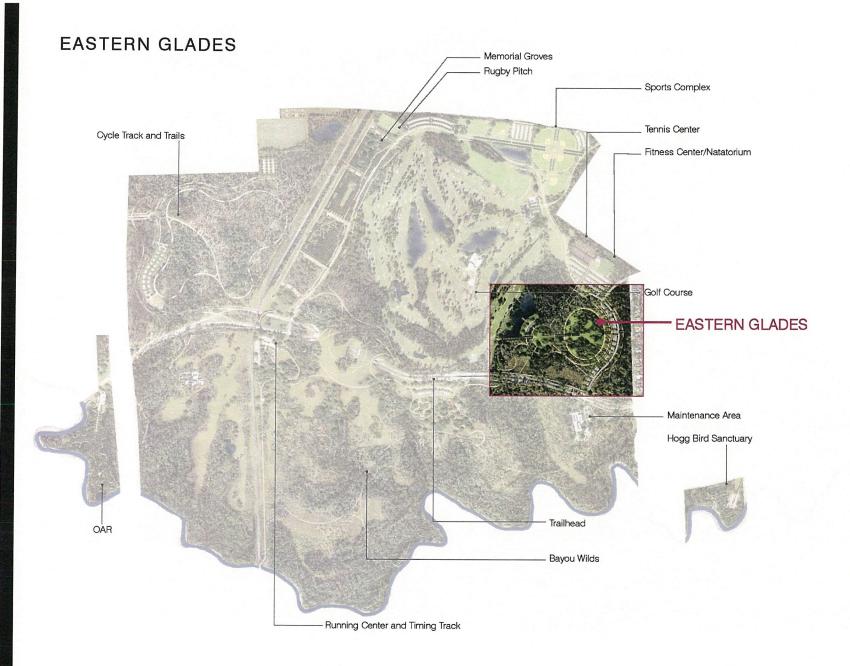
BAYOU WILDS BIKING TRAIL



slide 39 of 69 Artist's rendering: view in Hardwood-Pine ecosystem

KIDS' BIKE LOOP







PARK'S FOUNDING MASTER PLAN



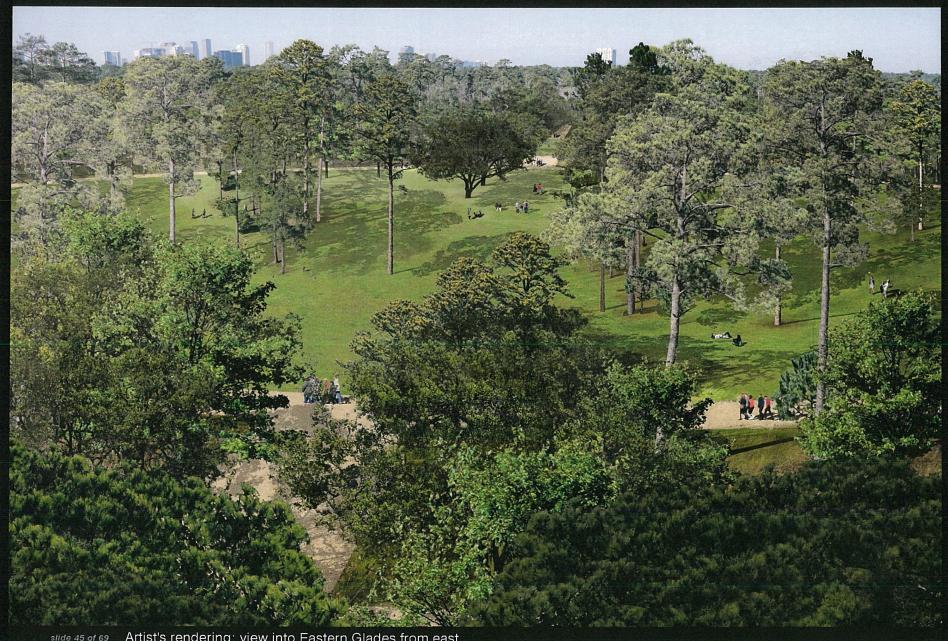


EASTERN GLADES



slide 44 of 69 Artist's rendering: view from Memorial Dr. East and Crestwood to Eastern Glades and proposed pond

EASTERN GLADES

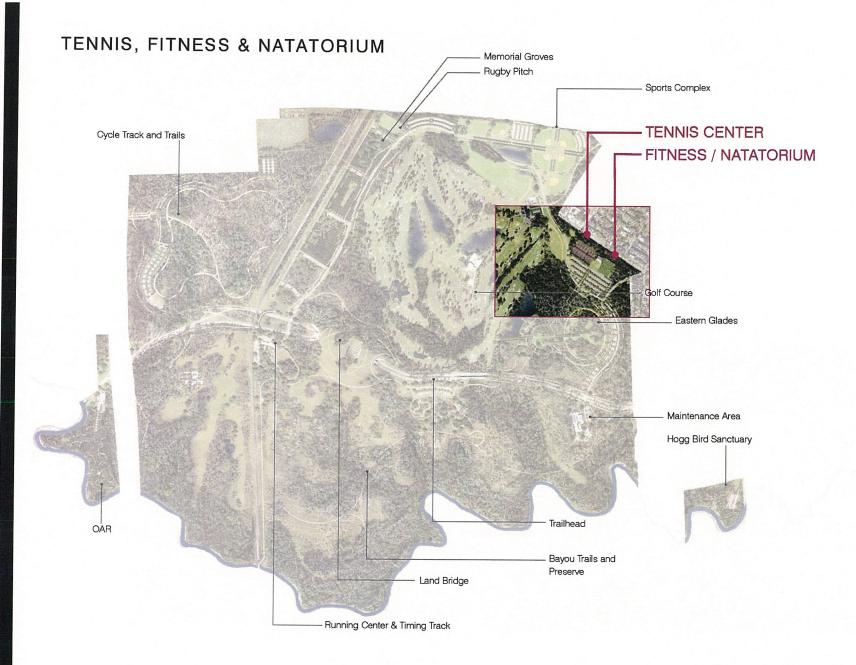


slide 45 of 69 Artist's rendering: view into Eastern Glades from east

EASTERN GLADES

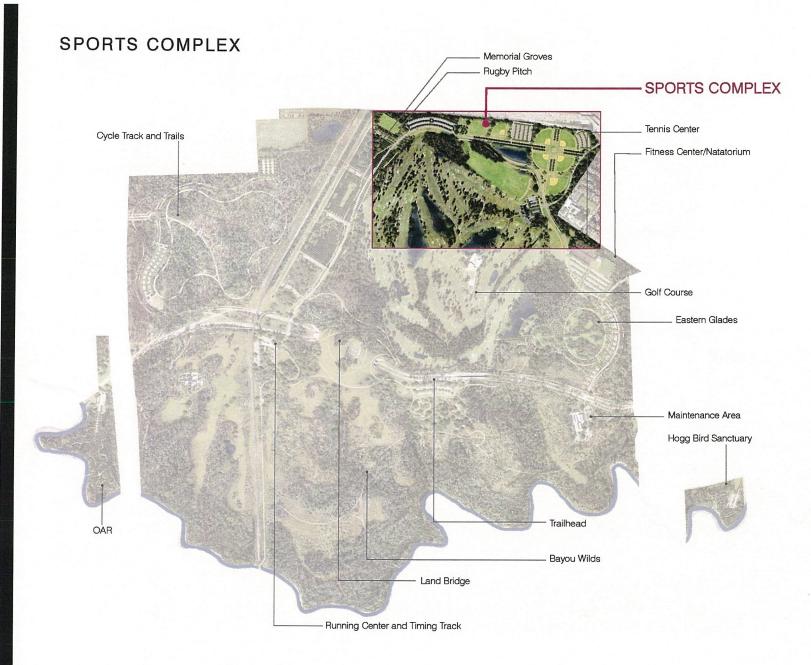


slide 46 of 69 Artist's rendering: view inside Eastern Glades and promenade

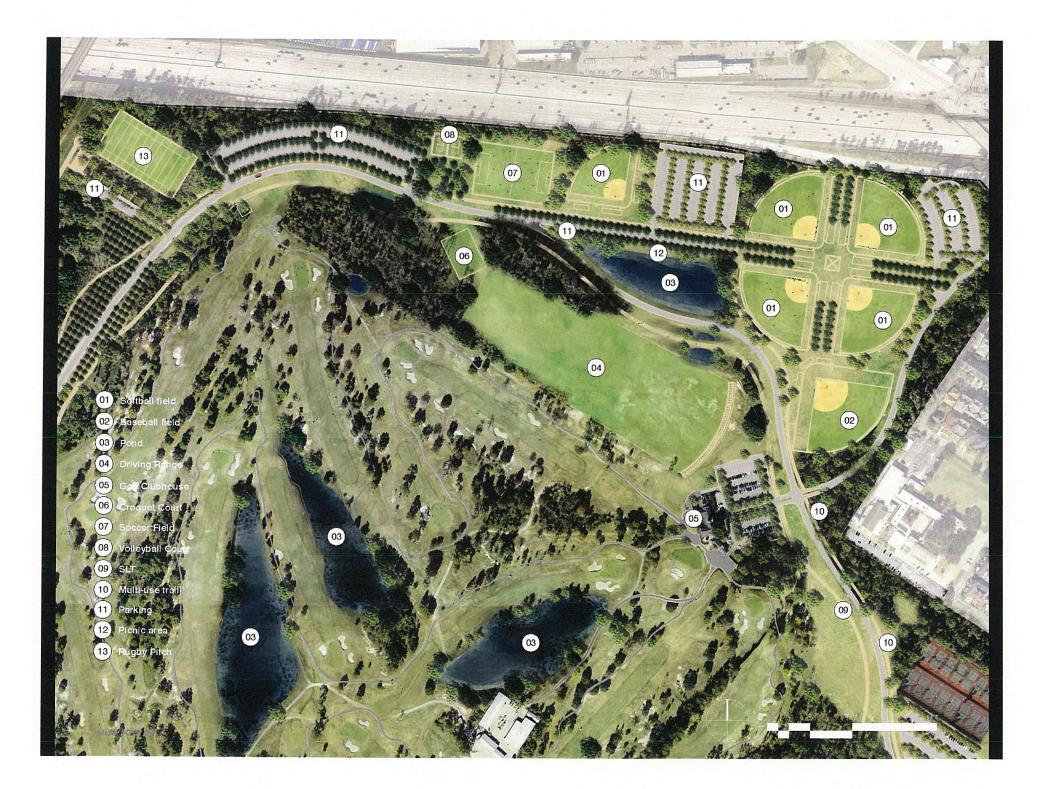








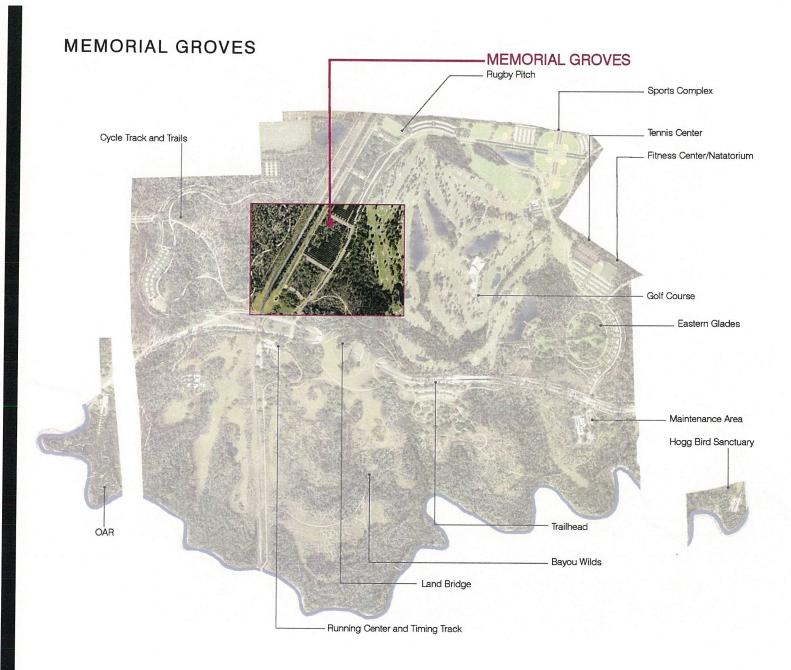




SPORTS COMPLEX



slide 51 of 69 Artist's rendering: view east along Memorial Loop Rd. toward downtown





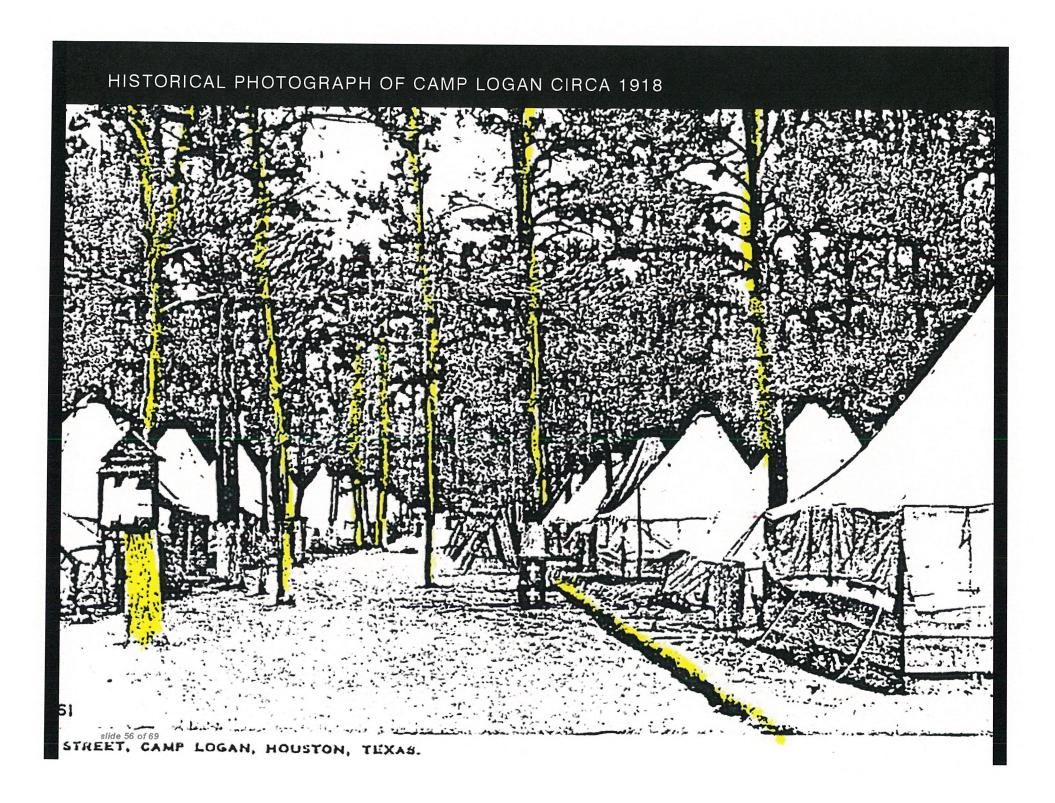
MEMORIAL GROVE

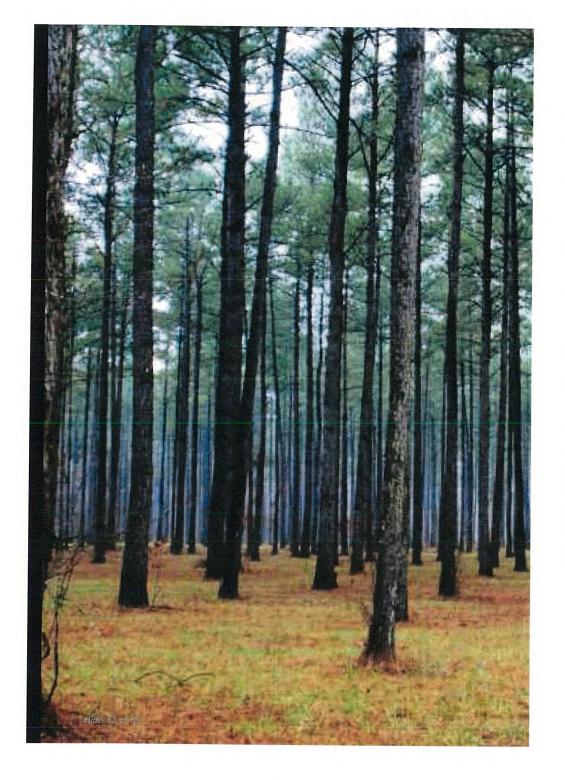


MEMORIAL GROVE



Artist's rendering: view into Memorial Groves



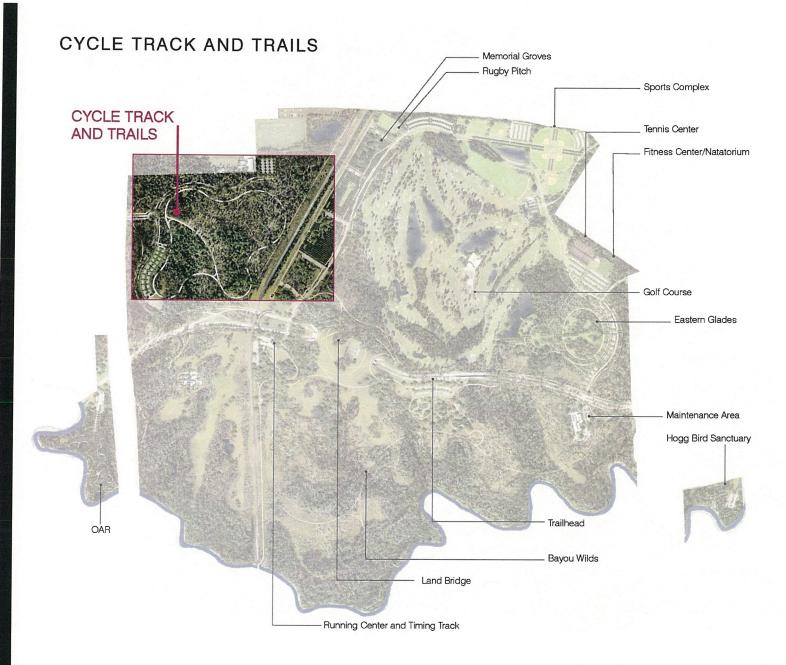






PRECEDENT PROJECTS

(Left) Precedent: pine grove (Top) Hardberger Park picnic area, San Antonio, TX (Bottom) Existing Camp Logan latrine foundation, Memorial Park



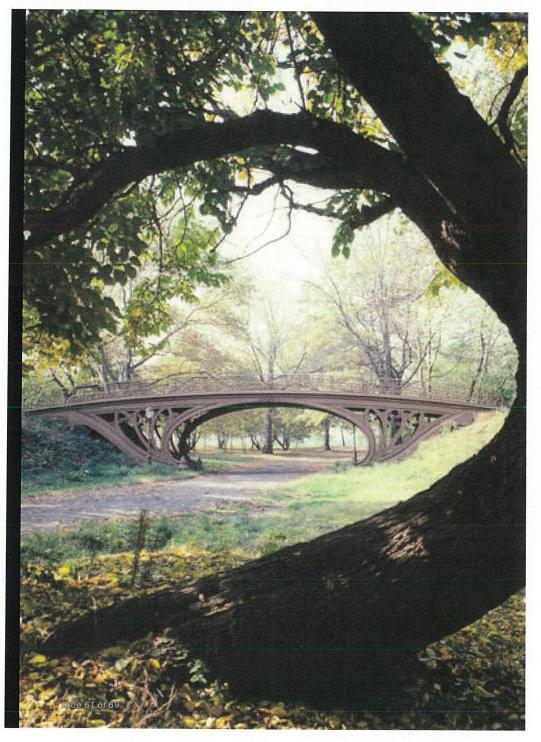




CYCLE TRACK



slide 60 of 69 Artist's rendering: view within a hardwood-pine forest to the cycle track

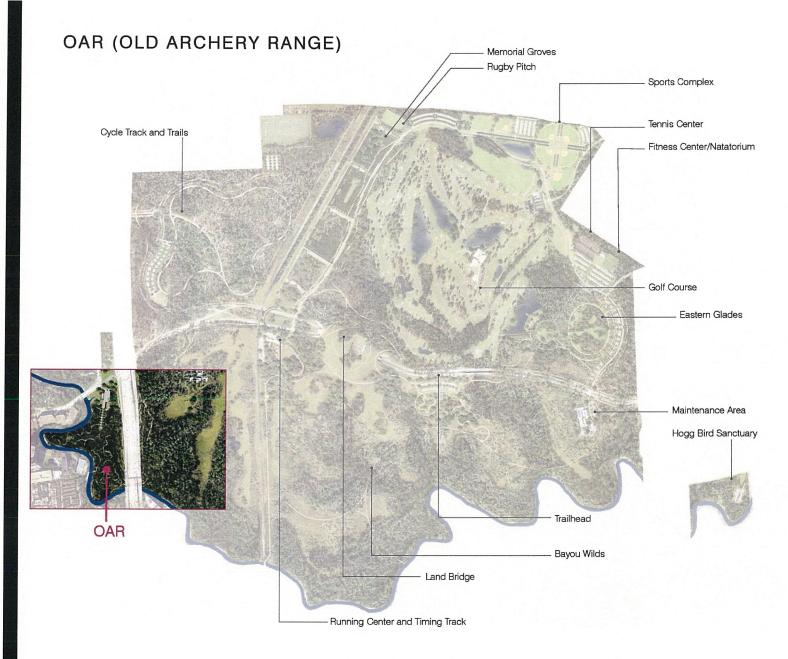






PRECEDENT PROJECTS

(Left) Precedent: Central Park Trail bridge, New York, NY (Top) Precedent: Equestrian trails (Bottom) Precedent: hard surface cycle track





OAR PRECEDENTS





(Above Leff) Precedent: Lockout Tower, Tiree, Scotland (Above Top) Precedent: Berkshire Boardwalk, Stockbridge, MA (Above Bottom) Precedent: Bronx River Alliance, Bronx, NY

