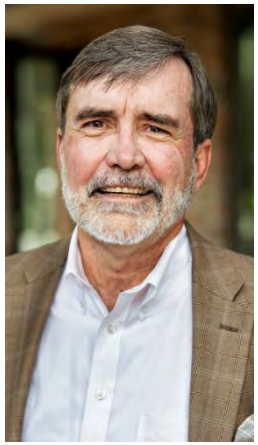
UNIVERSITY LAKES

MASTER DESIGN SERVICES

PREPARED BY

DESIGNWORKSHOP

PROJECT TEAM



KURT CULBERTSON
Principal-in-Charge

CONNERS LADNER
Project Manager

BOB MORA
Civil Engineering

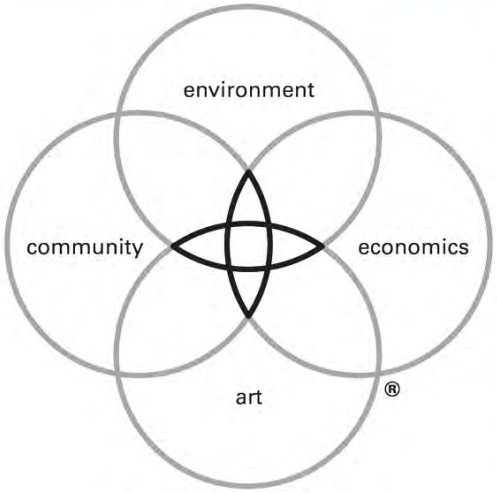
MARK SCHEXNAYDER
Biology

MARK GAGLIANO
Environmental Consultant

BILL REICH
Landscape Architect & Irrigation Designer

Sarah Delcambre, Project Landscape Architect
Alex Ramirez, Technical Lead
Emily McCoy, Ecologist

Tim Marshall, Operations and Maintenance
Mike King, Traffic Mobility
Chuck Dixon, Turf & Soil Specialist
Jesus Lardizabal, Accessibility Specialist
Jim Nuckolls, Cost Estimating
Jason Fennell, Structural Engineering
Todd Watson, Arborist



DW Legacy Design®

535+

DESIGN + PLANNING AWARDS

DW Foundation

We are dedicated to giving back to our communities. We have established the DW Foundation, which offers time and materials to select community projects.

12

Precedent DW Projects published by the Landscape Architecture Foundation

Projects in

30+

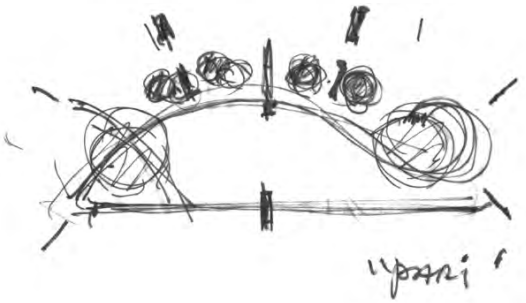
countries.

8

DESIGN STUDIOS

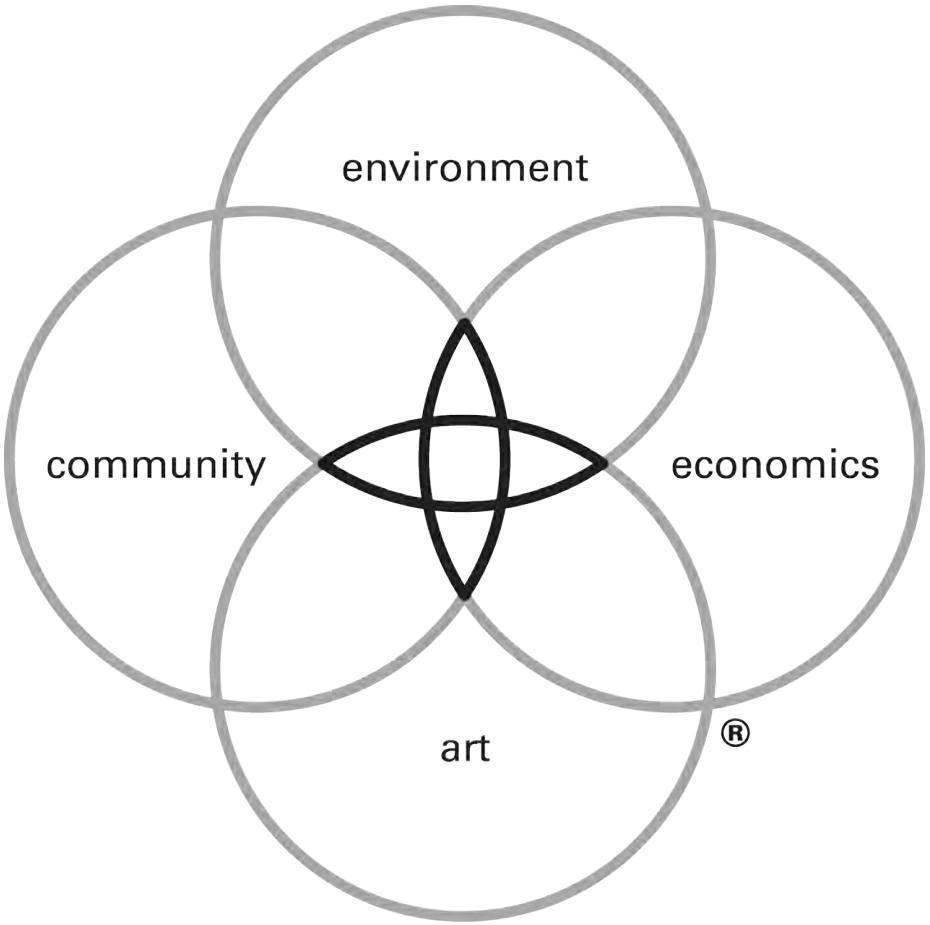
THE WORKSHOP

WE SKETCH.
WE MAKE MODELS.
WE BUILD PROTOTYPES.



DW LEGACY DESIGN®

A rigorous methodology for our work as well as for evaluating our results in terms of **environmental sensitivity, economic viability, community connections,** and **artistic beauty.**



METRICS – LANDSCAPE ARCHITECTURE FOUNDATION

LANDSCAPE PERFORMANCE SERIES
presented by the Landscape Architecture Foundation

THE Sustainable SITES Initiative®

Institute for Sustainable Infrastructure

Wayne Ferguson Plaza
Lewisville, TX

1144 15th Street
Denver, CO

Schwab Campus
Austin, TX

Eaton Headquarters
Cleveland, OH

Bagby Street
Houston, TX

Blue Hole Park
Wimberley, TX

Park Avenue
South Lake Tahoe, CA

South Grand Blvd
St. Louis, MO

Cherry Creek/Fillmore
Denver, CO

Daybreak Community
South Jordan, UT

Triangle Bldg
Denver, CO

P-Street
Lincoln, NE

Lafitte Greenway
New Orleans, LA

University Lakes
Baton Rouge, LA

EXTENSIVE UNIVERSITY CAMPUS LANDSCAPE EXPERIENCE

CRITICAL SUCCESS FACTORS

STRATEGIC IMPLEMENTATION
Getting the most bang for your buck by achieving the most important goals

CREATING A HEALTHY LAKE
Creating new ecology and wildlife habitat as a result of dredging and lake manipulation

LAYERED PROGRAMMING
Each element of the design needs to achieve multiple goals

LOCAL EXPERTISE
The importance of experience with implementation in Louisiana

ACCESS AND MOBILITY
More people, means more traffic, means the need for a safe design

MANAGING THE PROCESS
A methodical approach to project management and organization

ENGAGING & STEWARDSHIP
Connectivity with the community is key

CREATING A HEALTHY LAKE

HURRICANE KATRINA

HURRICANE KATRINA DAMAGE EXTENT FROM NASA OBSERVATORY

NORTH CITY PARK UNDER FLOOD WATER DAYS TWO WEEKS AFTER HURRICANE

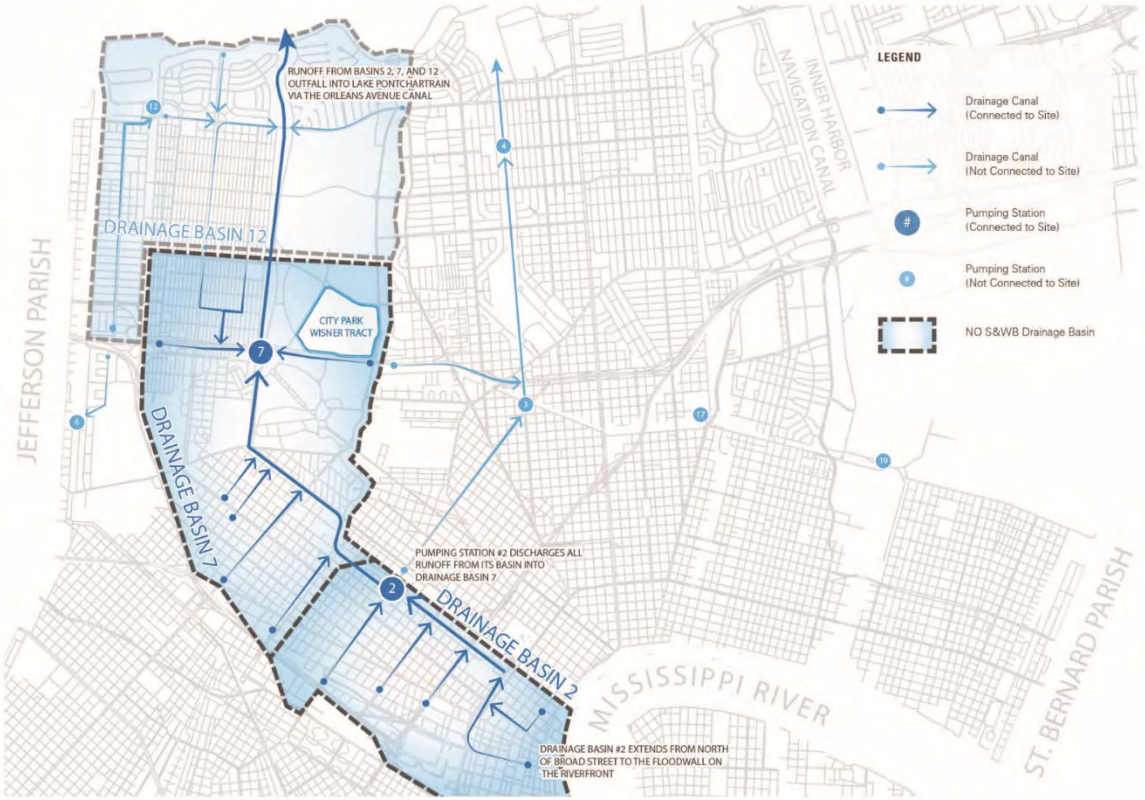
CITY PARK'S TAD GORMLEY STADIUM. FROM CITY PARK

GOLF COURSE CONCESSION STAND. POST-KATRINA

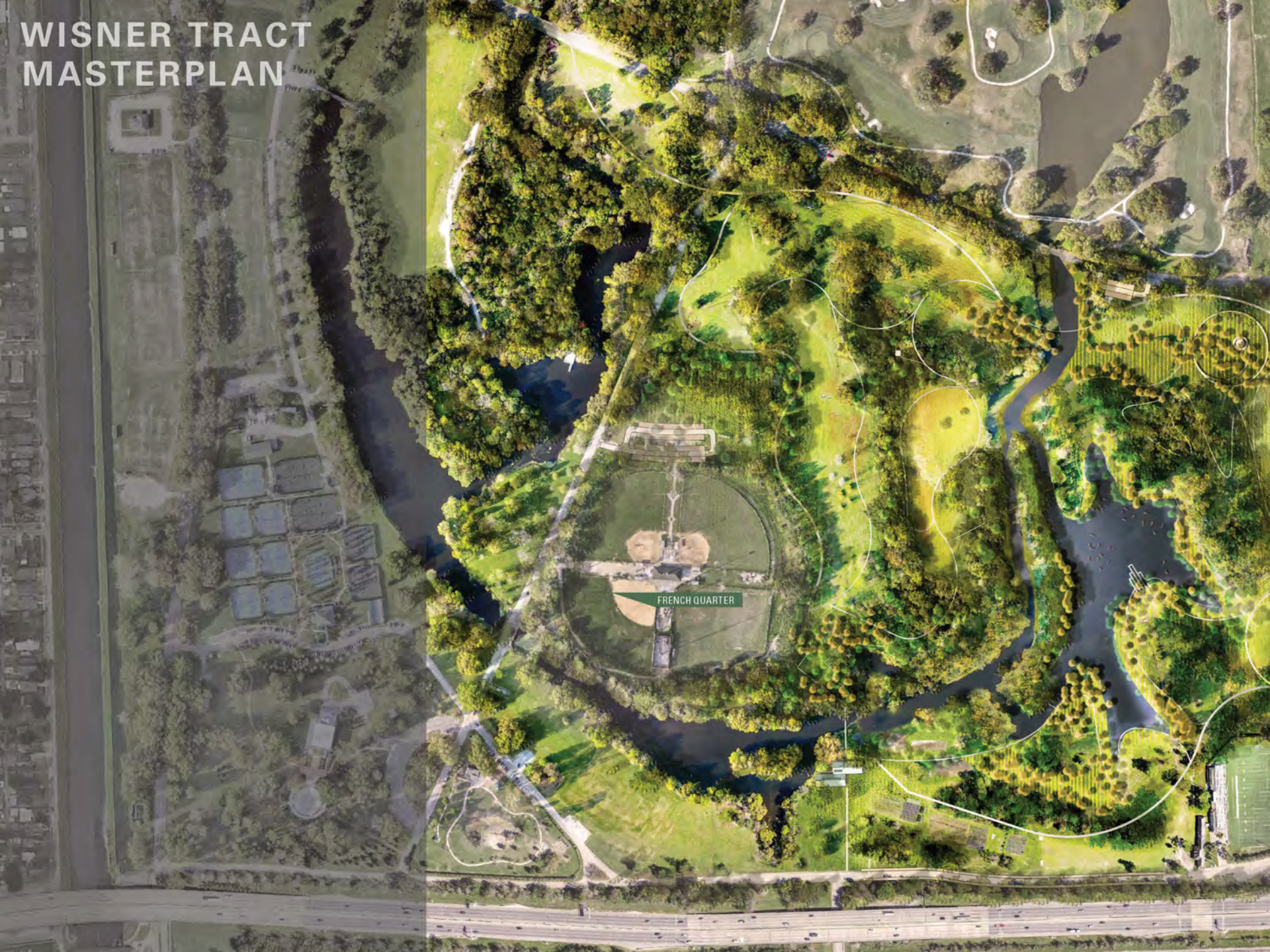
SITE AND NEIGHBORHOOD DRAINAGE SYSTEMS

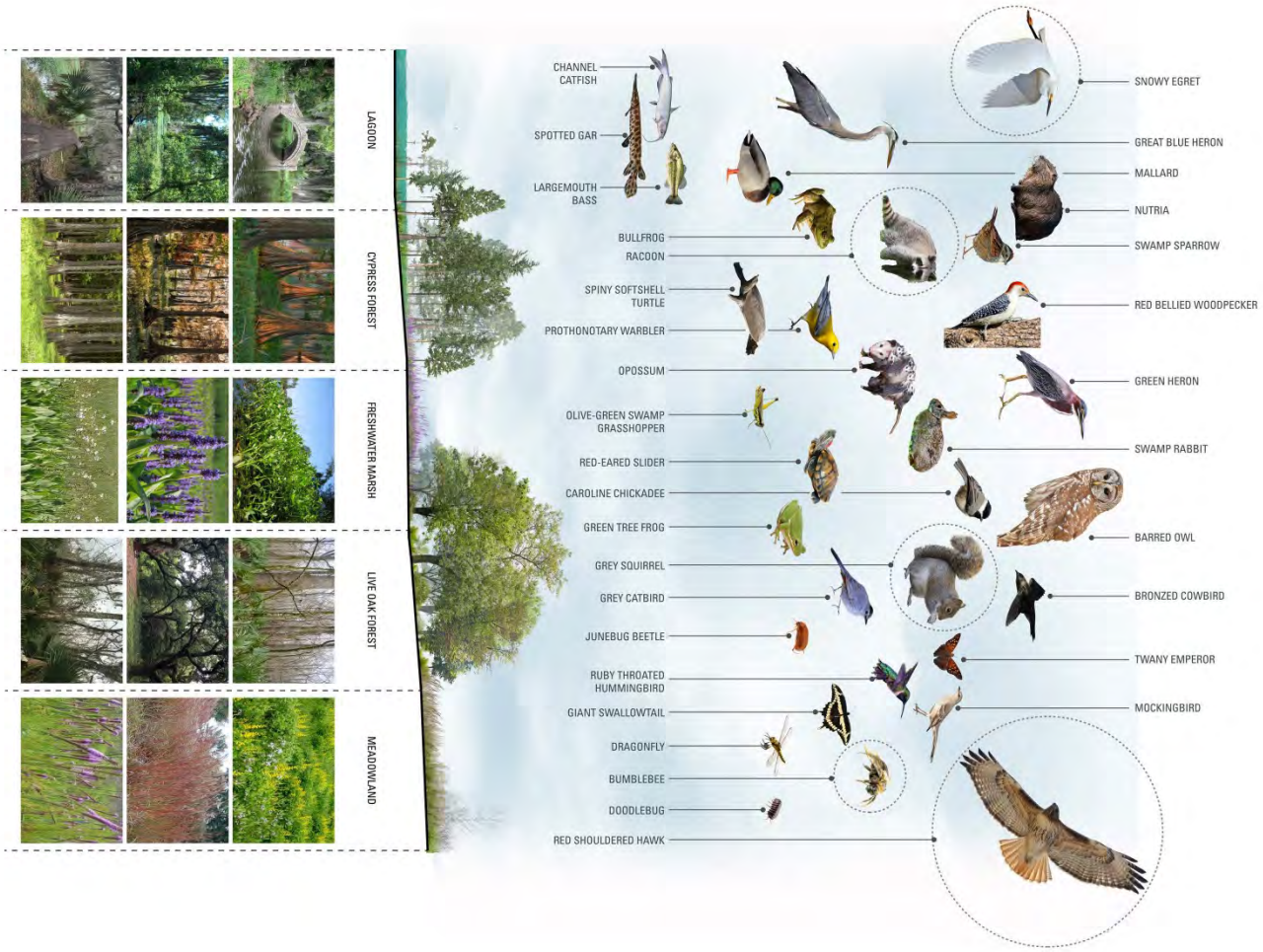
EXISTING SITE HYDROLOGY

In the same time period, growth in around City Park was accommodated through the development of a canal and pump system that ultimately carries stormwater over the levee and into the lake.



WISNER TRACT MASTERPLAN




LAGOON
CYPRESS FOREST
FRESHWATER MARSH
LIVE OAK FOREST
MEADOWLAND
CHANNEL CATFISH
SPOTTED GAR
LARGEMOUTH BASS
BULLFROG
RACOON
SPINY SOFTSHELL TURTLE
PROTHONOTARY WARBLER
OPOSSUM
OLIVE-GREEN SWAMP GRASSHOPPER
RED-EARED SLIDER
CAROLINE CHICKADEE
GREEN TREE FROG
GREY SQUIRREL
GREY CATBIRD
JUNEBUG BEETLE
RUBY THROATED HUMMINGBIRD
GIANT SWALLOWTAIL
DRAGONFLY
BUMBLEBEE
DOODLEBUG
RED SHOULDERED HAWK
SNOWY EGRET
GREAT BLUE HERON
MALLARD
NUTRIA
SWAMP SPARROW
RED BELLIED WOODPECKER
GREEN HERON
SWAMP RABBIT
BARRED OWL
BRONZED COWBIRD
TWANY EMPEROR
MOCKINGBIRD

BATTURE LLC

CIVIL ENGINEERING, LAND SURVEYING, & LANDSCAPE ARCHITECTURE FIRM

ST. ANTHONY GREEN STREETS

$13 MILLION HUD FUNDED RESILIENCE PROJECT

CITY PARK DRAINAGE IMPROVEMENTS

$18 MILLION FEMA FUNDED HMGP PROJECT

LA SAFE GRETNA RESILIENCE PROJECT

$5.6 MILLION LA SAFE FUNDED PROJECT

HYDRAULIC MODELING / DRAINAGE DESIGN

EXCAVATION, SHORELINE STABILIZATION / RESTORATION

SEABROOK GATE
GIWW GATE
B. Bienvenue
INNER
OUTER
IHNC LOCK
MRGO
LA LOUTRE GATE
Shell Beach
MRGO CONTROL STRUCTURE
MRGO TIDAL AND SALINITY CONTROL
HELLO
MY NAME IS
WOODY GABLIANO

SECTION 106
National Historic
Preservation Act
of 1966

COASTAL ENVIRONMENTS, INC.

STRATEGIC IMPLEMENTATION

Wimberley's Blue Hole has been an invaluable resource for wildlife and countless residents in the region for centuries. Visitors from across the globe have journeyed to the destination for swimming, camping and enjoying nature along Texas' spring-fed Cypress Creek.

ENVIRONMENTAL GOALS

CASE STUDY | WIMBERLY BLUE HOLE REGIONAL PARK AND TRAILS

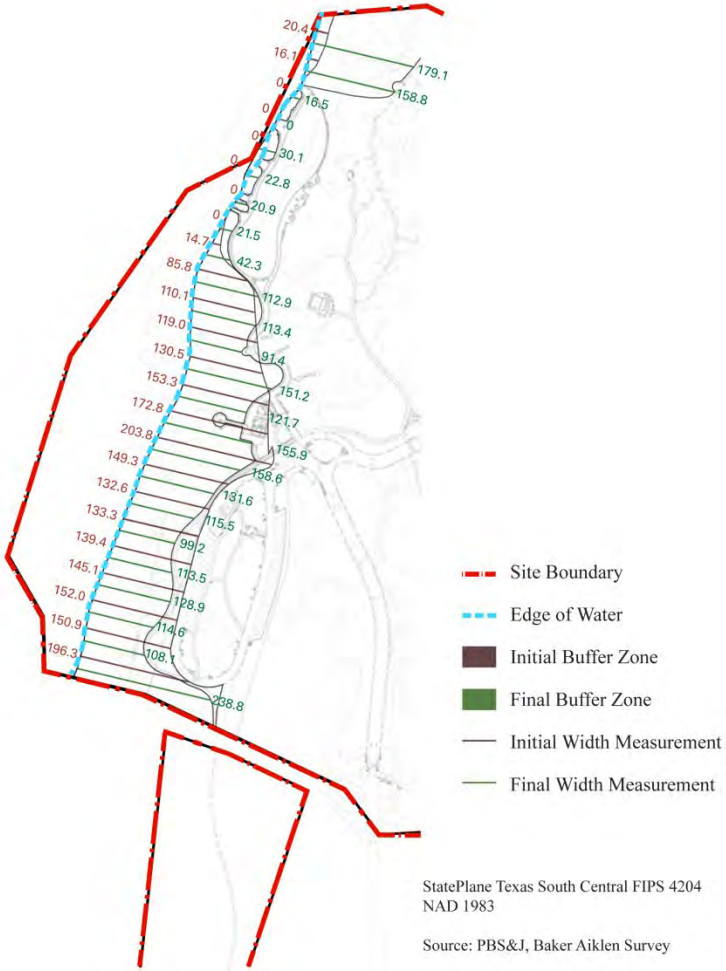
1.	ECOSYSTEM PROTECTION *Natural flora and fauna are protected and restored to higher levels than occur on site today.*	Minimize disturbance and damage to the site
		Protect natural resources and ecological features
		Monitor landscape for degradation
2.	LIGHT POLLUTION *Enjoyment of the night sky is protected and secured long-term.*	Avoid light pollution, glare, & light trespass
		Minimize energy usage
3.	HYDROLOGY *No degradation of Blue Hole water quality will occur due to development of the park.*	Minimize impervious surfaces
		Harvest rainwater
		Use aquifer friendly cleaning products
		Provide LID approaches to stormwater management
4.	USER EDUCATION *Users will understand the natural and cultural significance of the park.*	Use interpretive signage to educate users

EDGE RESTORATION AT THE BLUE HOLE

EDGE RESTORATION AT THE BLUE HOLE

Initial Average Buffer Width: 92'

Final Average Buffer Width: 102'



Buffer Width Measurements at 50' Intervals
* all lengths measured in Feet

EDGE RESTORATION AT THE BLUE HOLE

In 2003, the community embarked on a mission to save the site from a proposed subdivision development. Dreams for restoring the Blue Hole became a reality when the city received funding to acquire the property in 2005.

LAYERED PROGRAMMING

THE HOUSTON ARBORETUM & NATURE CENTER

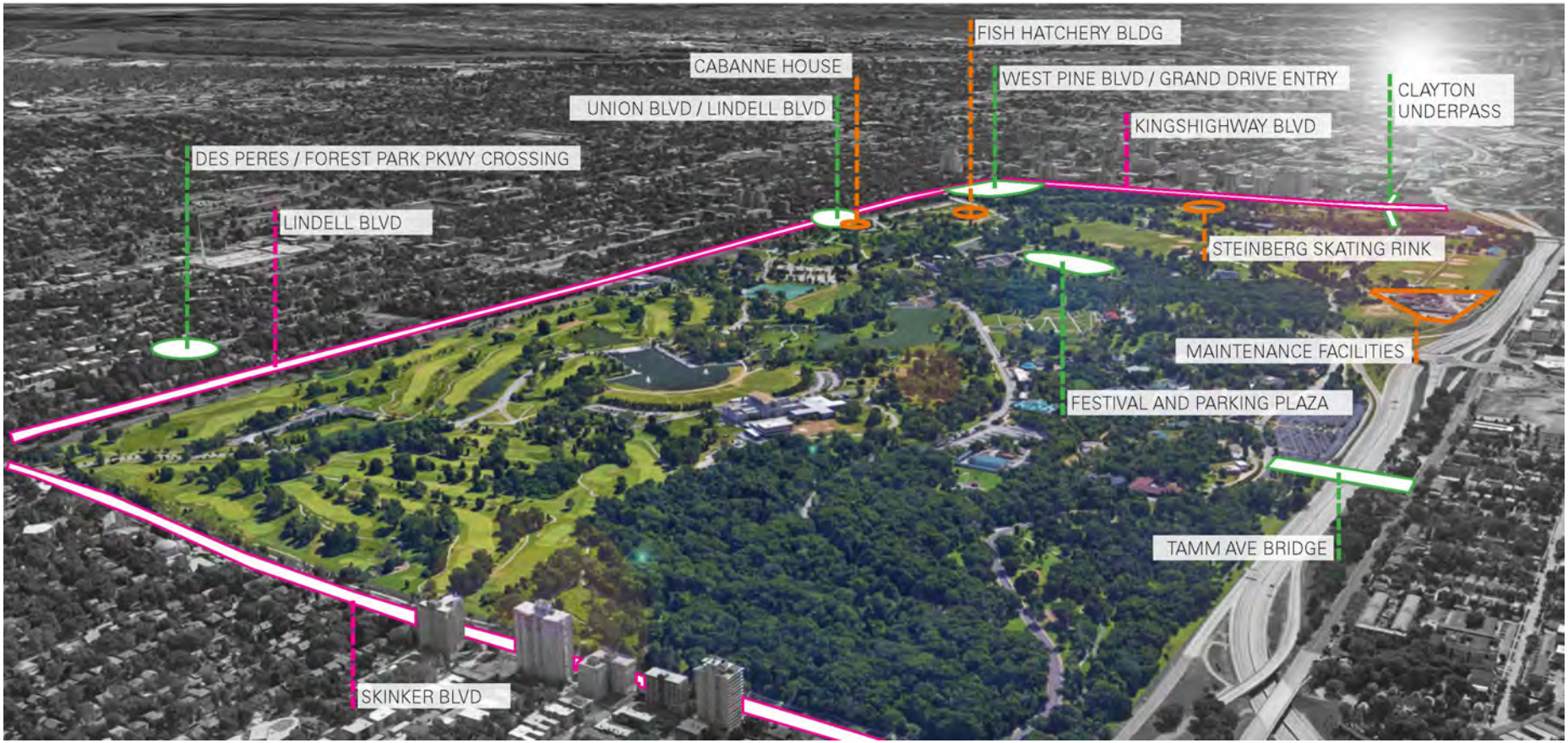
THE HOUSTON ARBORETUM & NATURE CENTER

THE HOUSTON ARBORETUM & NATURE CENTER

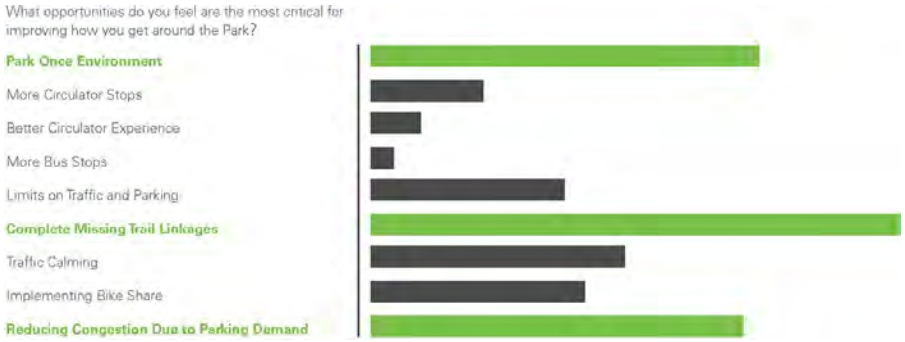
THE HOUSTON ARBORETUM & NATURE CENTER

SAFE MOBILITY

IMPROVING MOBILITY

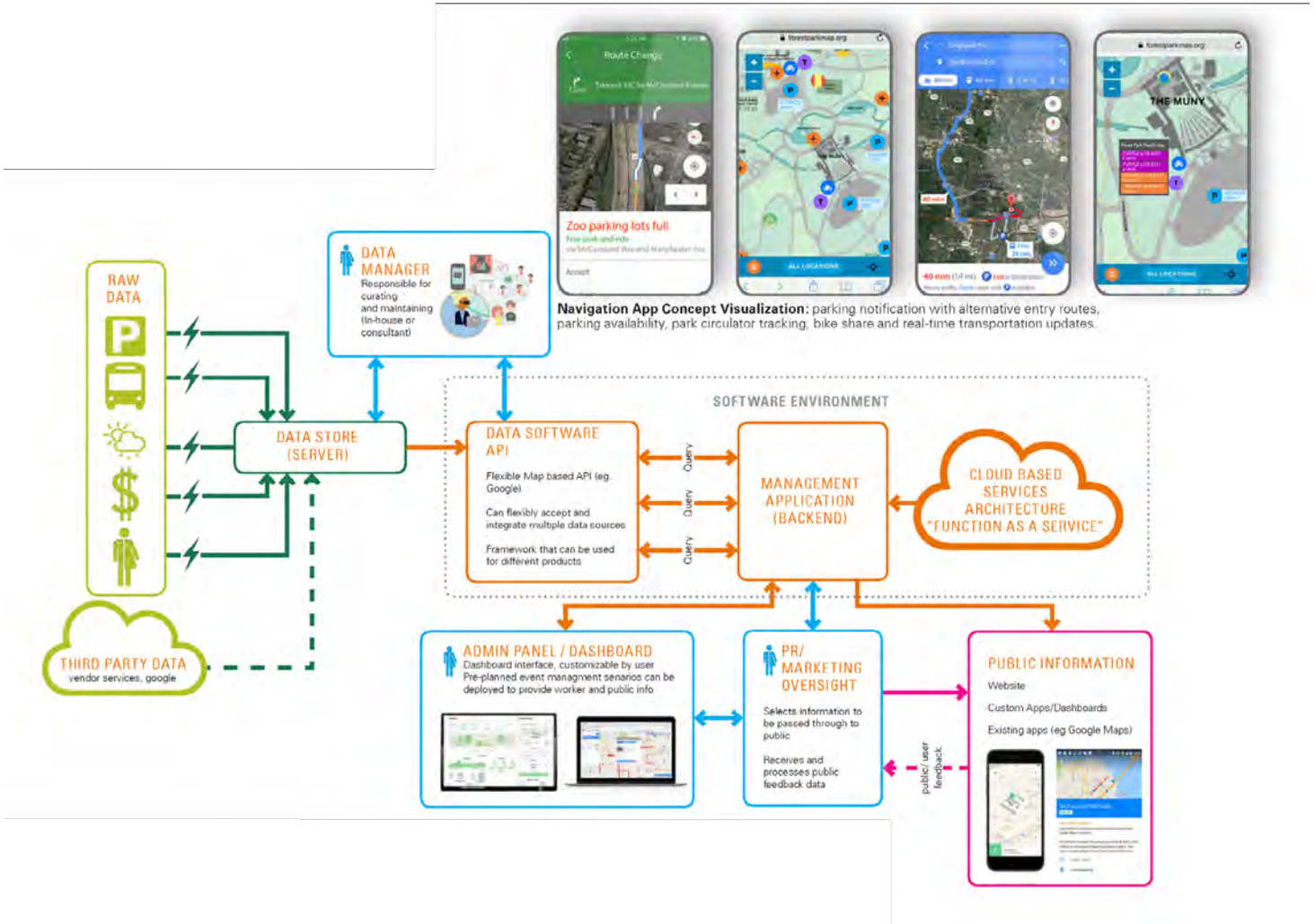


IMPROVING MOBILITY



Parking | Paid Parking (how) | Grade Separation
Apps/Software for available parking | Aligning Websites of institutions
Eliminate or Convert Existing Roads | Shuttle
Offsite Reserviors of Parking | Scooters | Pedestrians | Bicycles
Temporal Solutions (close roads on weekends, special events, etc.)

IMPROVING MOBILITY



BATON ROUGE
DOWNTOWN GREENWAY

NO
PARKING

ENGAGEMENT AND STEWARDSHIP

Project Web App

PROJECT BRANDING
Create a strong identity with project name, logo and colors to unify all project materials.

NARRATIVE TEXT
Share the project vision and background, generate interest and invite participation.

VIDEO & ANIMATION
Include presentations, interviews, news stories and animated diagrams.

DOWNLOADS
Share presentations, design alternatives, draft plans or other documents as PDF files.

SURVEY LINKS
Gather detailed feedback through online surveys.

INTERACTIVE MAPS
Maps with informational popups can show details for specific areas throughout the project area.

IMAGES
Use photos and diagrams to highlight existing conditions, show character imagery and plan alternatives

EMAIL LIST
Build a contact list of interested participants by providing an opt-in signup form.

SOCIAL MEDIA
Link to existing social media channels for additional exposure and engagement.

CUSTOM DOMAIN & EMAIL
Use a unique domain name to reinforce the project identity and manage project communications.

AUDIO
Add audio recordings of interviews, soundscapes and presentations

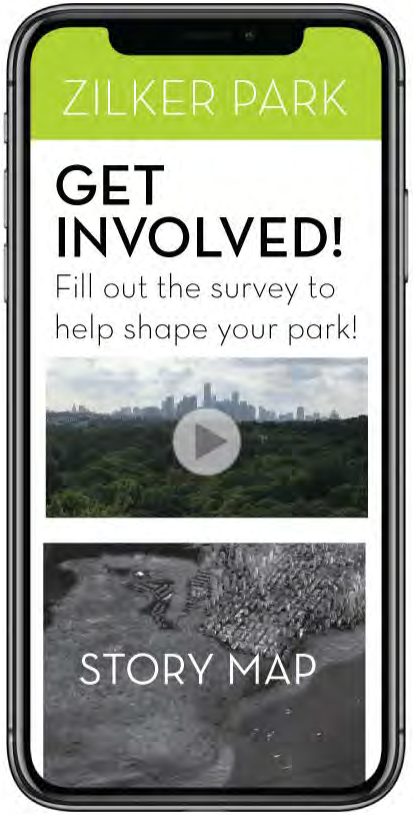
ANALYTICS
Track the number of visitors, video views, traffic sources and many other metrics

DEVICE INDEPENDENCE
View on any web-enabled device.

ACCESSIBILITY
Designed to comply with WCAG 2.0/AA and Section 508 to reach the broadest audience.

RESOURCES
Links to the City/County website, neighborhood organizations and other relevant resources.

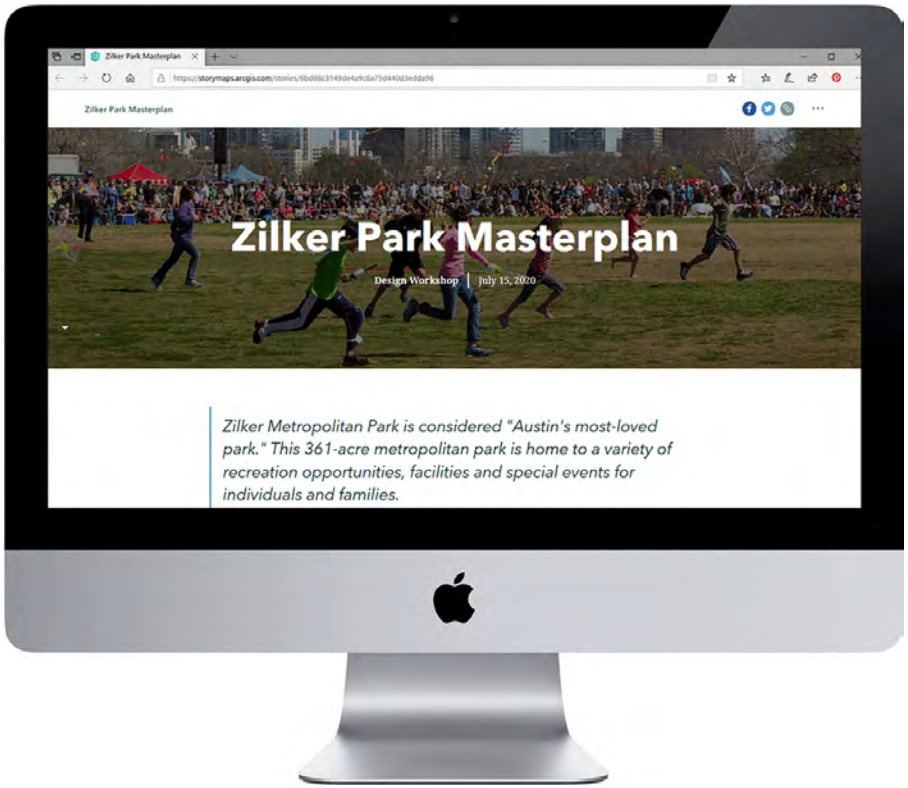
STORYMAP


ZILKER PARK
GET INVOLVED!
Fill out the survey to help shape your park!
STORY MAP

ZILKER PARK
AUSTIN
TEXAS.
ZILKER'S HISTORY
fdsLorem ipsum dolor sit amet, consectetuer adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet dolore ma.

BRIDGING THE DIGITAL DIVIDE

BRIDGING THE DIGITAL DIVIDE



KEY

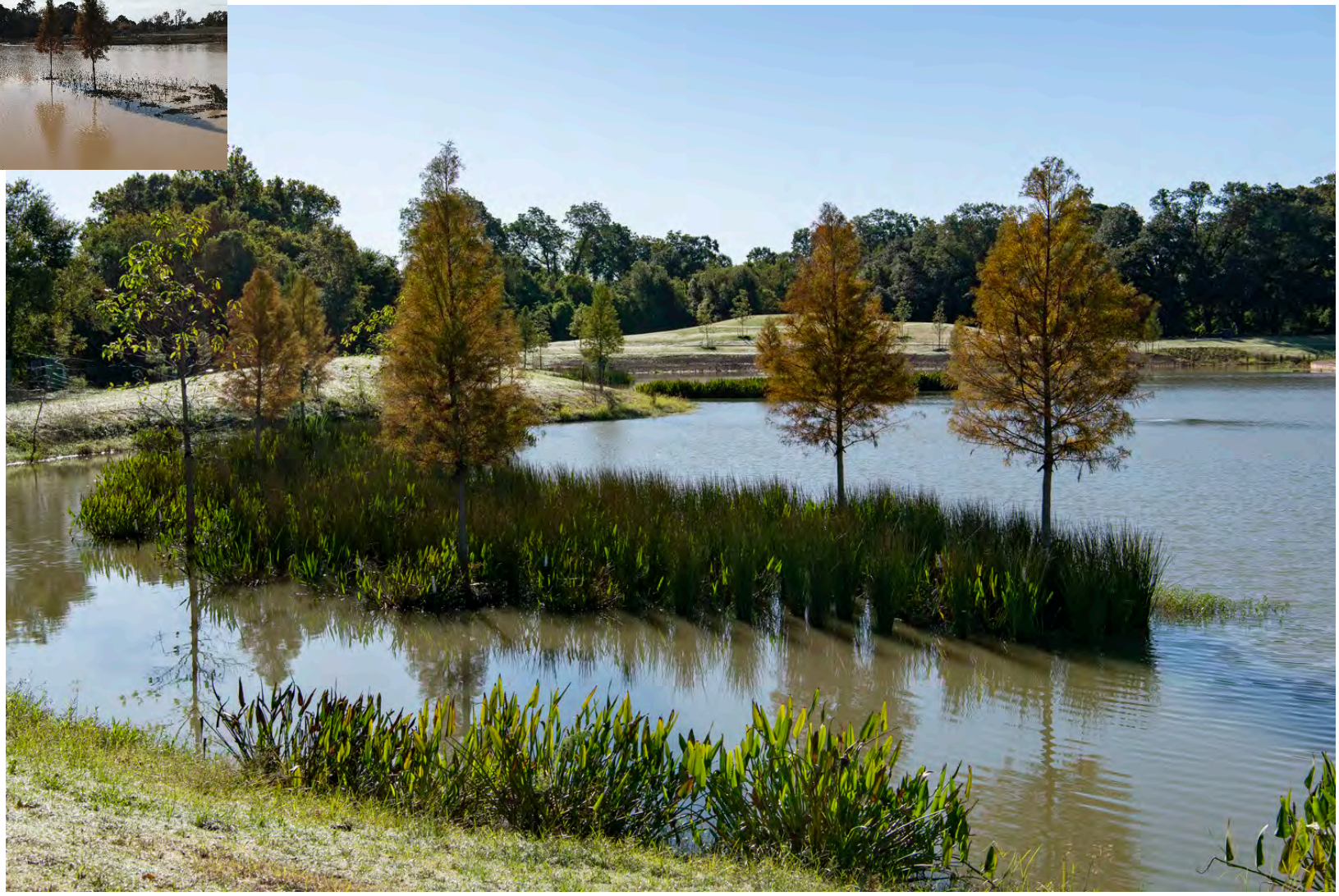
1. park entry
2. improved streetscape
3. parking garage
4. mixed-use building
5. farmers market
6. mini-golf
7. interactive water feature & toddler play
8. memorial gardens
9. maintenance facility
10. horticultural facilities & botanic displays
11. children's discovery garden
12. event lawn
13. stage & amphitheater
14. naturalized coulee mine
15. wetland pond
16. dog park
17. wetland gardens
18. founder's grove
19. adventure play & treehouse
20. iconic pavilion
21. transect walk
22. 1-mile loop trail
23. 1.5-mile full loop multi-use trail
24. woodland trails
25. sculpture walk
26. prairie
27. landscape buffer
28. native display ravine garden
29. boardwalks
30. great lawn
31. lawn pockets
32. park drive promenade
33. carousel

STEWARDSHIP AND OWNERSHIP LEADS TO SUCCESS

PLANNING FOR THE UNKNOWN

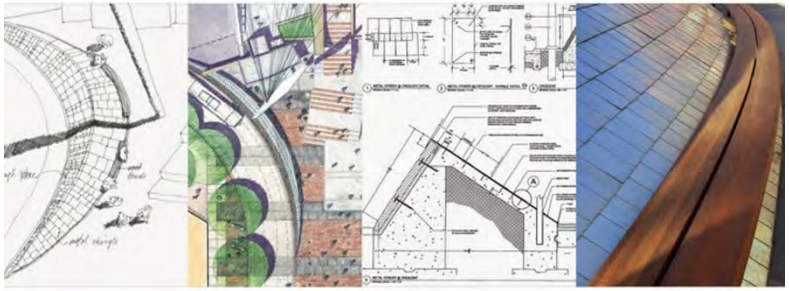
A LEGACY FOR FUTURE GENERATIONS

MANAGING RISK



MANAGING THE PROCESS

DESIGNWORKSHOP



LANDSCAPE ARCHITECTURE
DOCUMENTATION STANDARDS

PRINCIPLES, GUIDELINES, AND BEST PRACTICES

WILEY

DESIGNWORKSHOP

DW Standards and Best Practices:
Construction Observation 2.0

February 2018

Alternative I

Sky . Rain . Prairie

Item	Qty	Description	Unit	Unit Price	Mult.	Adj. Unit Price	Total Price
		Old Town Center					
1	1	Mobilization	LS	$25,000.00	1.00	$25,000.00	$25,000.00
2	1	SWP3 and Erosion Control Measures	LS	$6,000.00	1.00	$6,000.00	$6,000.00
3	1	Site Preparation	LS	$115,000.00	1.00	$115,000.00	$115,000.00
4	3000	Earthwork	CY	$10.00	1.00	$10.00	$30,000.00
5	4	Traffic Rated Grate Inlets	EA	$2,500.00	1.00	$2,500.00	$10,000.00
6	500	18" RCP	LF	$80.00	1.00	$80.00	$40,000.00
7	1	RCP Connection at Church Street	LS	$5,000.00	1.00	$5,000.00	$5,000.00
8	12	Area Inlets	EA	$250.00	1.00	$250.00	$3,000.00
9	405	6" ADS N12 Storm Drainage Pipe	LF	$18.00	1.00	$18.00	$7,290.00
10	12	12" ADS N12 Storm Drainage Pipe	LF	$20.00	1.00	$20.00	$240.00
11	1	Drainage Pipe Connection at Existing Inlet	LS	$600.00	1.00	$600.00	$600.00
12	1	Domestic Water Service	LS	$3,500.00	1.00	$3,500.00	$3,500.00
13	1	Irrigation Water Service	LS	$3,500.00	1.00	$3,500.00	$3,500.00
14	1	Sanitary Sewer Service for Water Feature	LS	$5,000.00	1.00	$5,000.00	$5,000.00
15	140	4" SDR 35 Sanitary Sewer Pipe	LF	$15.00	1.00	$15.00	$2,100.00
16	1	Stage/Water Feature	LS	$150,000.00	1.00	$150,000.00	$150,000.00
17	1	Channel Water Feature	LS	$250,000.00	1.00	$250,000.00	$250,000.00
18	1	Masonry Plaza Dry Water Wall	LS	$90,000.00	1.00	$90,000.00	$90,000.00
19	1	Electrical Transmission Line Relocation	LS	$200,000.00	1.00	$200,000.00	$200,000.00
20	1	Electrical Service	LS	$5,000.00	1.00	$5,000.00	$5,000.00
21	1	Lighting	LS	$40,000.00	1.00	$40,000.00	$40,000.00
22	1	Site Electrical	LS	$30,000.00	1.00	$30,000.00	$30,000.00
23	1	Communication Transmission Relocation	LS	$50,000.00	1.00	$50,000.00	$50,000.00
24	1	Communication Service (Wi-Fi)	LS	$3,000.00	1.00	$3,000.00	$3,000.00
25	1	Cable Transmission Relocation	LS	$50,000.00	1.00	$50,000.00	$50,000.00
26	165	Concrete and Stone Seatwall	LF	$125.00	1.00	$125.00	$20,625.00
27	540	Concrete Curbing	LF	$20.00	1.00	$20.00	$10,800.00
28	15750	Sidewalk	SF	$5.00	1.00	$5.00	$78,750.00
29	421	Decorative Paving	SY	$65.00	1.00	$65.00	$27,365.00
30	4200	Boardwalk	SF	$15.00	1.00	$15.00	$63,000.00
31	2	Bridge Structure	EA	$5,000.00	1.00	$5,000.00	$10,000.00
32	650	Topsoil	CY	$3.50	1.00	$3.50	$2,275.00
33	1	Irrigation	LS	$45,000.00	1.00	$45,000.00	$45,000.00
34	52	Canopy Trees	EA	$500.00	1.00	$500.00	$26,000.00
35	36	Ornamental Trees	EA	$300.00	1.00	$300.00	$10,800.00
36	2750	Ground Cover	SF	$4.00	1.00	$4.00	$11,000.00
37	2500	Sod	SY	$5.00	1.00	$5.00	$12,500.00
38	20	Boulders	EA	$500.00	1.00	$500.00	$10,000.00
39	1200	Wildflowers	SY	$5.00	1.00	$5.00	$6,000.00
40	860	Seeding Native Grasses	SY	$2.00	1.00	$2.00	$1,720.00
41	1	Signage	LS	$20,000.00	1.00	$20,000.00	$20,000.00
42	1	Site Furniture - 7 benches, 5 receptacles	LS	$20,000.00	1.00	$20,000.00	$20,000.00
		Contingency		30%			$447,559.50
		Bonds and Insurance		3%			$44,008.95
		Testing		2%			[illegible]
Subtotal							$2,012,800.00

Alternative II

The Community Quilt

Item	Qty	Description	Unit	Unit Price	Mult.	Adj. Unit Price	Total Price
		Old Town Center					
1	1	Mobilization	LS	$25,000.00	1.00	$25,000.00	$25,000.00
2	1	SWP3 and Erosion Control Measures	LS	$5,000.00	1.00	$5,000.00	$5,000.00
3	1	Site Preparation	LS	$115,000.00	1.00	$115,000.00	$115,000.00
4	3000	Earthwork	CY	$10.00	1.00	$10.00	$30,000.00
5	4	Traffic Rated Grate Inlets	EA	$2,500.00	1.00	$2,500.00	$10,000.00
6	500	18" RCP	LF	$80.00	1.00	$80.00	$40,000.00
7	1	RCP Connection at Church Street	LS	$5,000.00	1.00	$5,000.00	$5,000.00
8	12	Area Inlets	EA	$250.00	1.00	$250.00	$3,000.00
9	815	6" ADS N12 Storm Drainage Pipe	LF	$18.00	1.00	$18.00	$14,670.00
10	400	12" ADS N12 Storm Drainage Pipe	LF	$20.00	1.00	$20.00	$8,000.00
11	1	Drainage Pipe Connection at Existing Inlet	LS	$600.00	1.00	$600.00	$600.00
12	1	Domestic Water Service	LS	$3,500.00	1.00	$3,500.00	$3,500.00
13	1	Irrigation Water Service	LS	$3,500.00	1.00	$3,500.00	$3,500.00
14	1	Sanitary Sewer Service for Water Feature	LS	$2,000.00	1.00	$2,000.00	$2,000.00
15	140	4" SDR 35 Sanitary Sewer Pipe	LF	$15.00	1.00	$15.00	$2,100.00
16	1	Stage/Water Feature	LS	$150,000.00	1.00	$150,000.00	$150,000.00
17	1	Splash Water Feature	LS	$600,000.00	1.00	$600,000.00	$600,000.00
18	1	Electrical Transmission Line Relocation	LS	$200,000.00	1.00	$200,000.00	$200,000.00
19	1	Electrical Service	LS	$5,000.00	1.00	$5,000.00	$5,000.00
20	1	Lighting	LS	$40,000.00	1.00	$40,000.00	$40,000.00
21	1	Site Electrical	LS	$30,000.00	1.00	$30,000.00	$30,000.00
22	1	Communication Transmission Relocation	LS	$60,000.00	1.00	$60,000.00	$60,000.00
23	1	Communication Service (Wi-Fi)	LS	$3,000.00	1.00	$3,000.00	$3,000.00
24	1	Cable Transmission Relocation	LS	$60,000.00	1.00	$60,000.00	$60,000.00
25	45	Retaining Walls	CY	$500.00	1.00	$500.00	$22,500.00
26	700	Facing Retaining Walls	SF	$25.00	1.00	$25.00	$16,750.00
27	390	Concrete Curbing for Lawn Seats	LF	$20.00	1.00	$20.00	$7,800.00
28	22	Stone Sculpture Base for History Promenade	EA	$2,500.00	1.00	$2,500.00	$55,000.00
29	10250	Sidewalk	SF	$5.00	1.00	$5.00	$51,250.00
30	320	Decorative Paving	SY	$65.00	1.00	$65.00	$20,800.00
31	650	Topsoil	CY	$3.50	1.00	$3.50	$2,275.00
32	1	Irrigation	LS	$45,000.00	1.00	$45,000.00	$45,000.00
33	131	Canopy Trees	EA	$500.00	1.00	$500.00	$65,500.00
34	14500	Ground Cover for Sculpture Arts Garden	SF	[illegible]	1.00	[illegible]	$84,000.00
35	2800	Sod	SY	$5.00	1.00	$5.00	$14,000.00
36	20	Boulders	EA	$500.00	1.00	$500.00	$10,000.00
37	1	Signage	LS	$20,000.00	1.00	$20,000.00	$20,000.00
		Contingency		30%			$543,683.50
		Bonds and Insurance		3%			$54,368.35
		Testing		2%			$36,258.90
Subtotal							$2,447,500.00

Alternative III

The Interface of Nature & Humanity

Item	Qty	Description	Unit	Unit Price	Mult.	Adj. Unit Price	Total Price
		Old Town Center					
1	1	Mobilization	LS	$25,000.00	1.00	$25,000.00	$25,000.00
2	1	SWP3 and Erosion Control Measures	LS	$5,000.00	1.00	$5,000.00	$5,000.00
3	1	Site Preparation	LS	$115,000.00	1.00	$115,000.00	$115,000.00
4	3000	Earthwork	CY	$10.00	1.00	$10.00	$30,000.00
5	4	Traffic Rated Grate Inlets	EA	$2,500.00	1.00	$2,500.00	$10,000.00
6	500	18" RCP	LF	$80.00	1.00	$80.00	$40,000.00
7	1	RCP Connection at Church Street	LS	$5,000.00	1.00	$5,000.00	$5,000.00
8	12	Area Inlets	EA	$250.00	1.00	$250.00	$3,000.00
9	350	6" ADS N12 Storm Drainage Pipe	LF	$18.00	1.00	$18.00	$6,300.00
10	350	12" ADS N12 Storm Drainage Pipe	LF	$20.00	1.00	$20.00	$7,000.00
11	1	Drainage Pipe Connection at Existing Inlet	LS	$500.00	1.00	$500.00	$500.00
12	1	Domestic Water Service	LS	$3,500.00	1.00	$3,500.00	$3,500.00
13	1	Irrigation Water Service	LS	$3,500.00	1.00	$3,500.00	$3,500.00
14	1	Sanitary Sewer Service for Water Feature	LS	$5,000.00	1.00	$5,000.00	$5,000.00
15	120	4" SDR 35 Sanitary Sewer Pipe	LF	$15.00	1.00	$15.00	$1,800.00
16	1	Stage/Water Feature	LS	$175,000.00	1.00	$175,000.00	$175,000.00
17	1	Channel Water Feature	LS	$350,000.00	1.00	$350,000.00	$350,000.00
18	1	Electrical Transmission Line Relocation	LS	$200,000.00	1.00	$200,000.00	$200,000.00
19	1	Electrical Service	LS	$5,000.00	1.00	$5,000.00	$5,000.00
20	1	Lighting	LS	$40,000.00	1.00	$40,000.00	$40,000.00
21	1	Site Electrical	LS	$30,000.00	1.00	$30,000.00	$30,000.00
22	1	Communication Transmission Relocation	LS	$50,000.00	1.00	$50,000.00	$50,000.00
23	1	Communication Service (Wi-Fi)	LS	$3,000.00	1.00	$3,000.00	$3,000.00
24	1	Cable Transmission Relocation	LS	$50,000.00	1.00	$50,000.00	$50,000.00
25	8900	Sidewalk	SF	$5.00	1.00	$5.00	$44,500.00
26	1000	Decorative Paving	SY	$65.00	1.00	$65.00	$65,000.00
27	4	Bridge Structure	EA	$5,000.00	1.00	$5,000.00	$20,000.00
28	650	Topsoil	CY	$3.50	1.00	$3.50	$2,275.00
29	1	Irrigation	LS	$45,000.00	1.00	$45,000.00	$45,000.00
30	63	Canopy Trees	EA	$500.00	1.00	$500.00	$31,500.00
31	6000	Ground Cover	SF	$4.00	1.00	$4.00	$24,000.00
32	2000	Sod	SY	$5.00	1.00	$5.00	$10,000.00
33	20	Boulders	EA	$500.00	1.00	$500.00	$10,000.00
34	1584	Wildflowers	SY	$5.00	1.00	$5.00	$7,920.00
35	1	Signage	LS	$20,000.00	1.00	$20,000.00	$20,000.00
36	1	Site Furniture - 7 benches, 5 receptacles	LS	$23,000.00	1.00	$23,000.00	$23,000.00
		Contingency		30%			$440,098.50
		Bonds and Insurance		3%			$44,009.85
		Testing		2%			$29,339.90
Subtotal							$1,980,400.00

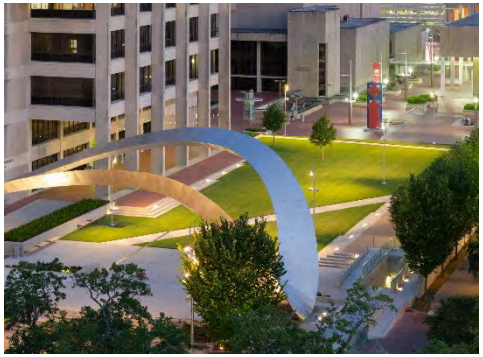
	FREQ.	HOURS	
Turf and Lawns		**124**	**Hours/10,000 sf**
Remove litter/debris	365	12	10% of an area, daily
Mowing Turf (Ride-on Mower)	32	68	85% of an unit
Edge Trimming	32	8	15% of an unit, done with a string trimmer
Weed/ Invasive Species Control, removal and monitor	7	11	20% of lawn areas, monthly from April to October
Lawn Renovation			100% of an unit
Aeration	2	7	100% of an unit
Thatching	2	7	100% of an unit
Overseeding	2	7	100% of an unit
Soil Testing		1	
Fertilizer Application	2	7	2 applications: Spring, fall
Pest Control	4	10	25% of unit
Restored Floodplain Forest		**32**	**Hours/10,000 sf**
Remove litter/debris	52	9	10% of an area, weekly
Remove flood/large debris		2	Remove fallen branches, debris on the water side
Invasive species monitoring and removal	14	5	15% of an area, done biweekly from April to October
Understory management	4	5	25% of an area, done quarterly. Selective removal or clearing of the understory to ensure a healthy ground plane
Reseeding and replanting		2	Selective reseeding and replanting in areas where plants aren't thriving or damaged
Tree pruning and management		2	Selective canopy opening and pruning, particularly in areas near pathways
Temporary Fence	12	1	Install/maintain temporary fencing, assume 100 lf/area
Irrigation maintenance		2	Temporary irrigation or hand spot watering
Signage		1	Clean, maintain, install, and replace interpretive/information panels, plant labels, etc.
Erosion control		3	Erosion monitoring and repair
Establishment Tasks		*10*	*Applied up to a period of 10 years of establishment, hours are assumed to be average. Tasks include monitoring and evaluation, invasive treatment and removal, planting and watering. Refer to the landscape conversion charts for detailed tasks*

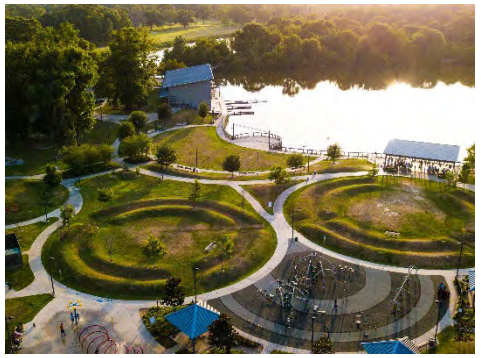
CAPACITY TO EXECUTE

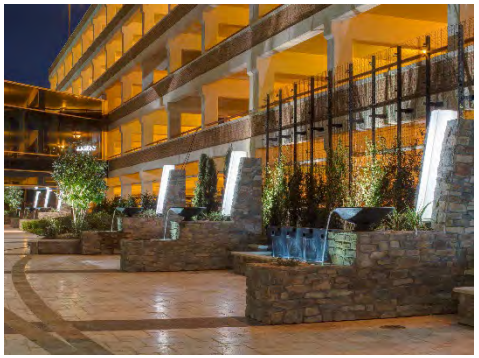
THE CAPACITY TO EXECUTE

PROJECT MANAGEMENT AND QUALITY MANAGEMENT

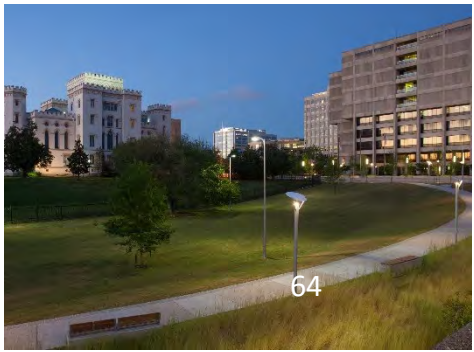
LOCAL EXPERTISE

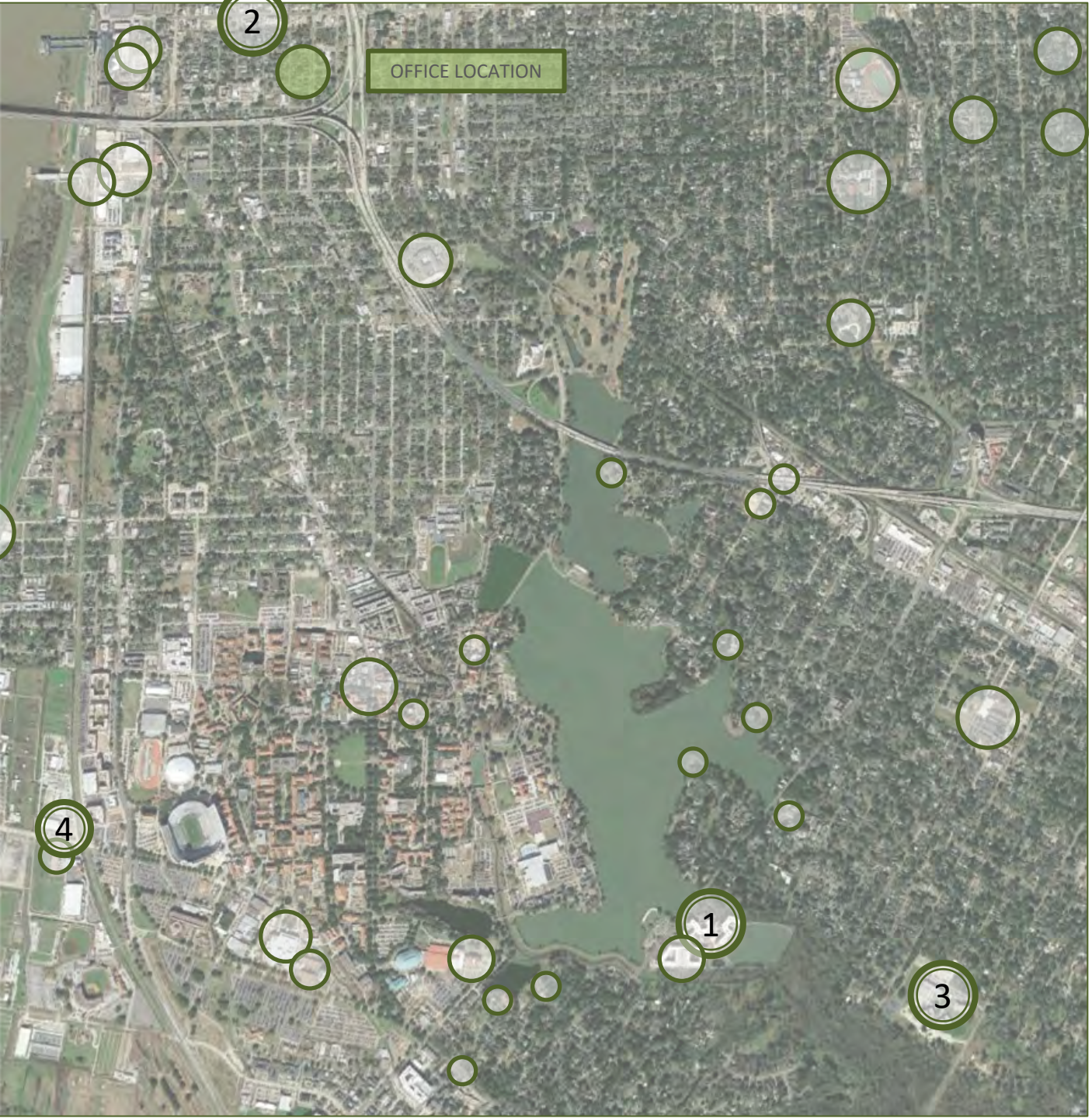






PATRICK F. TAYLOR HALL

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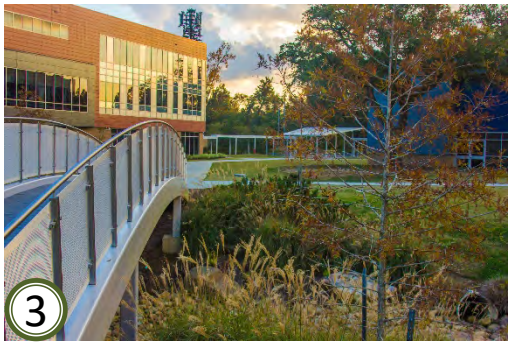
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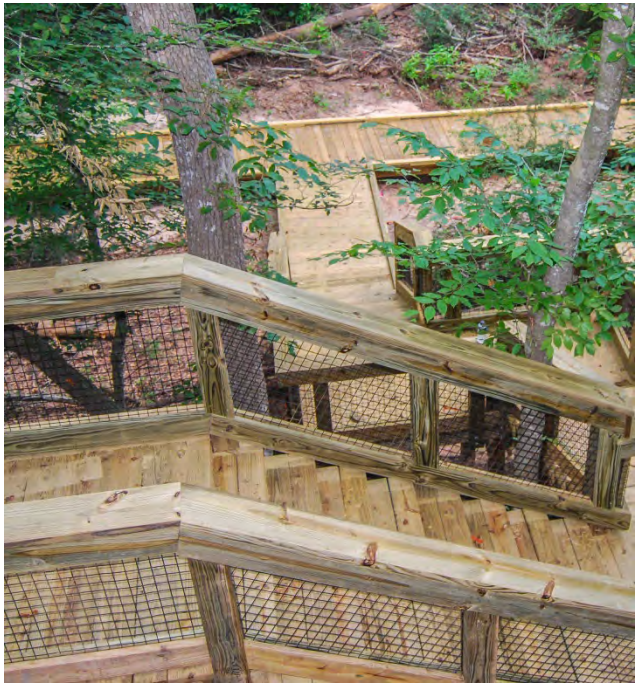
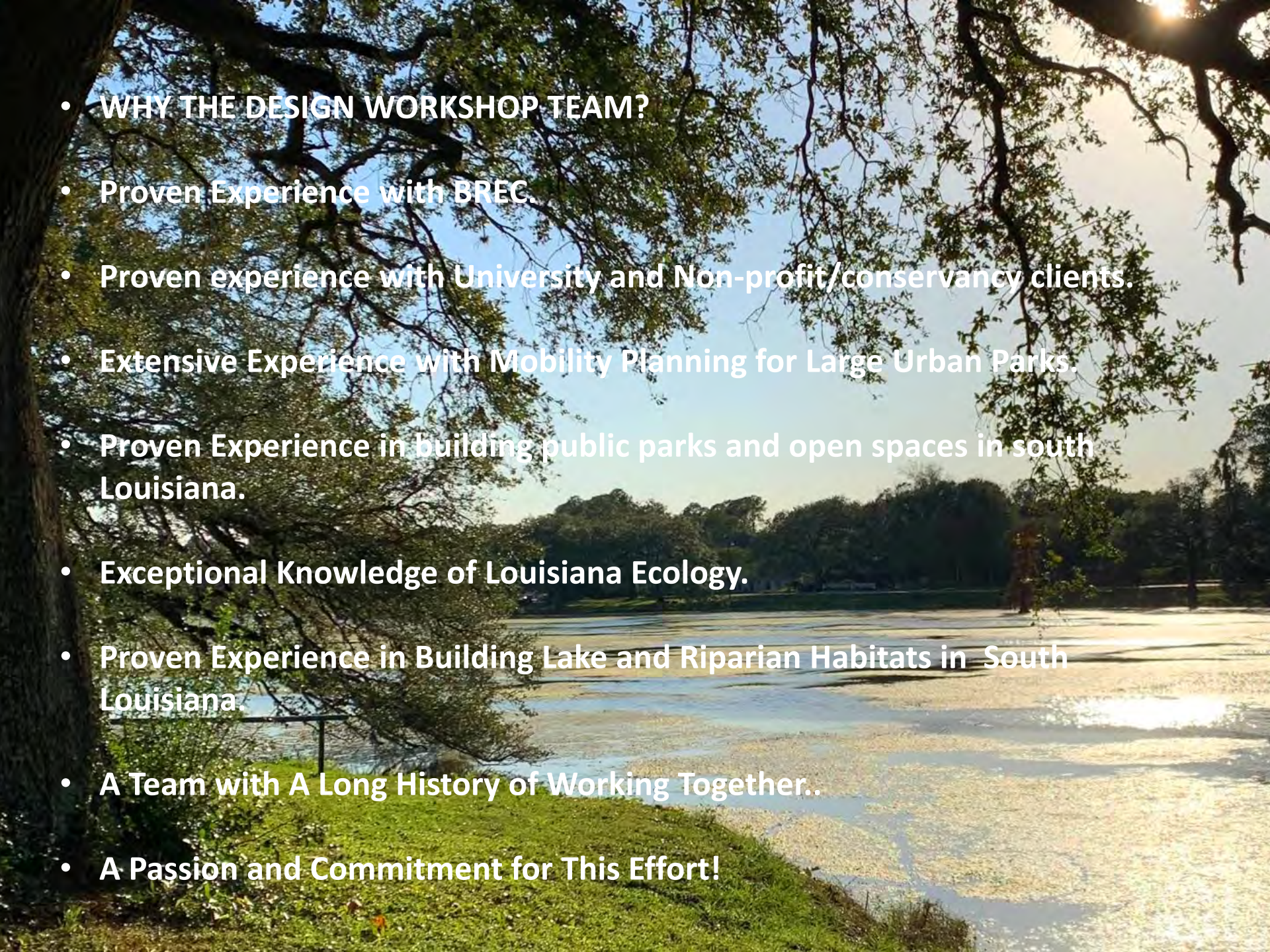


WHY DESIGN WORKSHOP



- WHY THE DESIGN WORKSHOP TEAM?
- Proven Experience with BREC.
- Proven experience with University and Non-profit/conservancy clients.
- Extensive Experience with Mobility Planning for Large Urban Parks.
- Proven Experience in building public parks and open spaces in south Louisiana.
- Exceptional Knowledge of Louisiana Ecology.
- Proven Experience in Building Lake and Riparian Habitats in South Louisiana.
- A Team with A Long History of Working Together..
- A Passion and Commitment for This Effort!

WORK PLAN & SCHEDULE