

MOVING TOWARD A....

GREENER, HEALTHIER, AND HAPPIER CITY



DEER PARK

Comprehensive Master Plan for Park, Recreation, and Open Space: 2024 - 2034



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CITY OF DEER PARK

MAJOR AND CITY COUNCIL

Jerry Mountain Jr., Mayor
Sherry Garrison, Council Position 1
TJ Haight, Council Position 2
Tommy Ginn, Council Position 3
Justin League, Council Position 4
Ron Martin, Council Position 5
Georgette Ford, Council Position 6
Bill Patterson, Former Council Position 4

PARKS AND RECREATION DEPARTMENT

Kenny Walsh, Director of Parks and Recreation
Charlie Sandberg, Former Director of Parks and Recreation
Jacob Zuniga, Assistant Director of Parks and Recreation
Nicole Garvis, Marketing and Technical Coordinator
Debra Culp, Athletics and Aquatics Supervisor
Dawn Crenshaw
Jazmin Hernandez
Rene McBride
Tiffany McGallian
Susan Mele
Kristen Villalovos

TEXAS A&M UNIVERSITY

PROJECT COORDINATORS: TEXAS TARGET COMMUNITIES

Jaimie Hicks Masterson, Director of Texas Target Communities Program
Jeewasmi Thapa, Senior Program Coordinator, Texas Target Communities Program University

PARTICIPATING CLASSES AND STUDENTS:

MASTER OF LANDSCAPE ARCHITECTURE STUDENTS

LAND 693: Grace Canady, Class of 2024
LAND 621: Wafa Bassiouni, Urvi Joshi, Kalya Komo, and Na Wang

BACHELOR OF LANDSCAPE ARCHITECTURE STUDENTS

LAND 311: Blake Alexander, Kenneth Alexander, Katie Ashmore, Kayla Bennett, Cole Bishop, Mace Bristow, Christina Camarillo, Juliana Carillo, Quade Clark, Ashley Dinhl, David Holmes, Lauren Kasel, Leo LeFebre, Shelby Morris, Emma Owens, Amh Pham, Sydney Puentes, Danielle Ren, Sydney Reeves, Brian Schoppe, Riley Simmons, Cassidy Summers, Lindsey Tobin, Oscar Trevino, Kara Wilson, Jose Zapata

FACULTY ADVISORY TEAM

Dr. Changshan Huang, Project Director/LAND 693 Committee Chair
Dr. Dongying Li, Instructor of LAND 311/LAND 693 Committee Member
Dr. Boqian Xu, Instructor of LAND 621 and LAND 311
Dr. Scott Shafer, Department of Parks, Recreation and Tourism/LAND 693 Committee Member
Dr. Michael Arnold, Department of Horticulture/LAND 693 Committee Member

EXECUTIVE SUMMARY

Toward a Greener, Healthier, and Happier Community
A Comprehensive Master Plan for Parks, Recreation, and Open Space in Deer Park, Texas

EXECUTIVE SUMMARY

Deer Park, Texas, is a unique community that blends industrial strength with a deep sense of camaraderie. Its rich history, robust economy, and the character of its residents contribute to its welcoming atmosphere. Notably, Deer Park was one of the first cities in Texas, alongside Corpus Christi, to adopt a parkland dedication ordinance. The city’s parks and recreational facilities provide numerous outdoor opportunities, significantly enhancing the quality of life for both residents and visitors.

Since the previous master plan was developed in 2013, Deer Park has undergone significant changes in population, environment, and infrastructure.

Purpose and Scope of the Master Plan

This master plan aims to outline a long-term vision, strategies, guidelines, and framework for the continuous improvement, enhancement, upgrading, development, and maintenance of Deer Park’s parks and recreational facilities over the next decade (2024-2034). The scope of this comprehensive planning process includes:

- 1. Assessing existing parks and recreational facilities.
- 2. Identifying community needs and priorities concerning parks, recreation facilities, and environmental quality.
- 3. Developing a shared vision, goals, and objectives for parks, recreation facilities, and green infrastructure through community engagement.
- 4. Establishing a program for the improvement, enhancement, and development of parks and recreation facilities.
- 5. Creating a spatial master plan framework for the city-wide recreation and park system.
- 6. Developing schematic site plans for priority areas identified in the master planning process.
- 7. Formulating implementation strategies.

Process, Approach, and Focus

The master planning process was conducted in six phases over 12 months (September 2023 to August 2024):

- Phase I: Data Collection and Research

- Phase II: Visioning and Program Development
- Phase III: Master Plan Framework Development
- Phase IV: Conceptual Site Design for Target Park Sites
- Phase V: Development of Master Plan Implementation Strategies
- Phase VI: Final Documentation and Reproduction

Participatory Approach and Community Engagement

The community was actively involved through various methods, including:

- Community Needs Assessment Questionnaire Survey
- Community Engagement Workshops
- Focus Group Design Charrettes
- Bi-Weekly Core Group Meetings
- Work-in-Progress Presentations and Reviews
- Presentations to the Park Commission of Deer Park
- Presentations to the City Council of Deer Park

Emphasis and Focus

This master plan emphasizes the following aspects:

- Experience with Nature: Transitioning Deer Park from an industrial town to a nature-oriented, healthy community.
- Culture and Art Experiences: Expanding cultural and artistic opportunities for residents.
- Public Health and Wellness: Promoting an active lifestyle through improved exercise opportunities and walkability.
- Connectivity: Enhancing connections with nature, across neighborhoods, and linking historical and cultural heritage.
- Community Identity: Strengthening community identity through signage, public art, and wayfinding systems.

The goal is to make Deer Park a greener, healthier, and happier community.

Key Issues

The master plan identifies six key issues that need addressing:

- Connectivity/Accessibility: Limited sidewalks, bike lanes, parking spaces, and ADA compliance.
- Variety and Quality: Insufficient shade, aging facilities, and a lack of diverse recreational opportunities.
- Inclusivity and Equity: Insufficient park facilities in underserved neighborhoods and low utilization of the Golf Course.
- Community Identity: Lack of visual identity, wayfinding signage, and streetscape beautification.
- Sustainability: Issues such as air and noise pollution, urban heat, flood risk, and insufficient shade trees.
- Land Availability/Funding: Limited land for expansion and financial constraints.

Mission Statement:

The City of Deer Park aims to deliver exemplary municipal services that enhance the quality of life while reflecting our history, culture, and unique sense of community.

Goals & Objectives:

The master plan seeks to achieve the following five general goals:

1. Ensure all park systems and facilities are integral to the city.
2. Revitalize park infrastructure with unique features reflecting neighborhood character.
3. Create a vibrant cultural and arts hub within the city.
4. Establish city-wide connectivity.
5. Promote and enhance the city’s unique identity.

Specific objectives are established for each goal to guide implementation.

Master Plan Framework for Parks, Recreation, and Open Space

The proposed master plan framework includes:

A. Five Theme Districts:

1. Cultural/Art District
2. Learning District
3. Nature District
4. Center District
5. Industrial District

B. Four Gateway Entrances:

1. East entrance (Pasadena Boulevard-East End)
2. West entrance (Pasadena Boulevard-West End)
3. South entrance (Center Street-South End)
4. North entrance (Center Street-North End)

C. Three Characteristic and Functional Corridors:

1. Civic Corridor (San Augustine Street)
2. Commercial Corridor (Center Street)
3. Green Space and Drainage Corridor

D. Two Community Hubs:

1. Cultural/Art Hub (Theater Complex and Art Park)
2. Civic and Community Hub (City Hall, Community Center, and Dow Park)

E. One Interconnected Multi-level Trail System:

1. Primary Trail Loop (Deer Park Primary Loop)
2. Secondary Trail Loops (Cultural/Art Trail, Learning Trail, Nature Trail, and Center Trail)
3. Tertiary Trail Loops (Art Walk, Discovery Trail, Exploration Trail, Doe Meadow Trail, Deer Track Trail, and Antler Trail)

Target Parks and Schematic Site Designs

The master plan identifies 16 target parks for improvement and development:

Cultural/Art District:

1. Terrace Park
2. Avon Park
3. Art Park
4. Heritage Park
5. McHenry Park
6. San Jacinto Park

Nature District:

7. Park Green Park

- 8. Patrick Bayou
- 9. Adult Sports Complex
- 10. Park Meadows
- 11. Nedith Park
- 12. Nature Preserve

Learning District:

- 13. Deer Meadows Park
- 14. Parkview Park
- 15. Kingsdale Rec Center

Center District:

- 16. Dow Park
- 17. Dalmatian Park

Proposals for these parks include site inventory, analysis, design programs, conceptual site plans, and perspective renderings to aid in future grant applications, fundraising, and community engagement.

Implementation Strategies

Successful implementation relies on:

- 1. Effective phase development planning and strategies.
- 2. Availability of funding.
- 3. Active community engagement and public support.
- 4. Effective marketing and promotion.

A. Phase Development Strategies:

Implement the plan incrementally, prioritizing projects based on community needs and strategic goals. Focus on underserved areas, projects with easier funding prospects, and those with significant impact.

B. Project Funding Strategies:

- Apply for various grants.

- Establish partnerships and collaborations.
- Seek donations and fundraising.
- Implement user fees and rentals.

C. Community Engagement:

Engage the community through:

- Leaders and influencers.
- Partnerships and collaborations.
- Surveys and feedback mechanisms.
- Technology.
- Events, educational programs, and volunteerism.
- Diverse outreach efforts.

D. Branding, Marketing, Outreach, and Promotion:

Enhance awareness and participation through:

- Brand development.
- Digital marketing and data analytics.
- Content marketing.
- Community outreach events and promotions.

By integrating these strategies, Deer Park can build a vibrant, inclusive, and well-maintained park and recreation system that enhances community well-being, environmental health, and local economies.

INTRODUCTION

Introduction

The City of Deer Park, located in Harris County, Southeast Texas, was established in 1892 and is known as the “Birthplace of Texas.” The city, named for its abundant deer population, experienced significant growth from the 1960s to the 1980s due to the development of the petrochemical industry. According to the 2020 U.S. Census, Deer Park had a population of 34,495.

In 2013, Deer Park adopted a comprehensive master plan (2013-2023) for its parks and recreation facilities. Over the past decade, more than 90% of the goals and objectives outlined in that plan have been successfully achieved. Currently, the city boasts 28 parks, six miles of trails, and six sports complexes.

As the current master plan approaches its conclusion in December 2023, there is a need to develop a new comprehensive master plan. This new plan will provide long-term strategies and guidelines for the continued improvement and enhancement of Deer Park’s parks and recreational facilities, ensuring they better serve the community.

Purpose and Scope of the Master Plan

The purpose of the new comprehensive master plan is to establish a long-term vision, strategies, guidelines, and framework for the future development and enhancement of Deer Park’s parks and recreational facilities. This plan will cover all city-owned public open spaces, parks, greenways, trails, and sports complexes. Additionally, it will help maintain the city’s CAPRA accreditation from the National Recreation and Park Association (NRPA).

The scope of the comprehensive master planning process includes:

- 1. Assessing the existing parks and recreational facilities in the city.
- 2. Identifying community needs and priorities, focusing on parks, recreation facilities, and environmental quality.
- 3. Developing a shared vision, goals, and objectives for parks, recreation facilities, and green infrastructure through community engagement.
- 4. Establishing a program for the improvement, enhancement, and development of parks and recreation facilities.
- 5. Creating a spatial master plan framework for the city-wide recreation and park system.
- 6. Developing schematic site plans for priority areas identified in the master planning process.
- 7. Formulating implementation strategies and a phased plan.

Master Planning Process and Schedule

The master. planning process was carried out in five phases over 12 months, from September 2023 to August 2024:

Phase I: Data Collection and Research

- Step 1: Community Needs Survey and Assessment

- Step 2: Assessment of Existing Parks and Recreational Facilities
- Step 3: Best Practice Case Studies (Precedent Studies)

Phase II: Visioning and Program Development with Community Engagement

- Step 4: Development of Vision and Mission Statements
- Step 5: Establishment of Goals, Objectives, and Guiding Principles
- Step 6: Development of a Park and Recreation Improvement Program

Phase III: Master Plan Development

- Step 7: Creation of a City-Wide Recreation and Park Master Plan Framework with Development Guidelines
- Step 8: Development of Schematic Site Plans for Target Priority Areas

Phase IV: Development of Master Plan Implementation Strategies

- Step 9: Formulation of Implementation Phasing Strategies
- Step 10: Development of Funding Strategies
- Step 11: Creation of Community Engagement Strategies
- Step 12: Development of Marketing and Promotion Strategies

Phase V: Final Documentation, Revision and Reproduction

The master planning process proceeded according to the following timeline:

Master Planning Process and Schedule (09/23-12/24)													
Year 2023					Year 2024								
	09	10	11	12	01	02	03	04	05	06	07	08	09-12
I													
II													
III													
IV													
V													

Community Engagement and Participation

During the master planning process, the community was actively involved through various methods, including:

- Community Needs Assessment Questionnaire Survey
- Community Engagement Workshop
- Focus Group Design Charette
- Bi-Weekly Core Group Meetings
- Work-in-Progress Presentations and Reviews
- Presentations to the Park Commission of Deer Park
- Presentations to the City Council of Deer Park

Partnership with Texas A&M University

The development of this master plan was a collaborative effort with the Texas Target Communities Program, part of the Department of Landscape Architecture and Urban Planning at Texas A&M University. This project was conducted as a community outreach and service-learning initiative by a team of faculty members, graduate students, and undergraduate students from the landscape architecture programs. The team consisted of five faculty members, five Master of Landscape Architecture (MLA) students, and 26 Bachelor of Landscape Architecture (BLA) students, working across three different classes.



DEER PARK
PARKS &
RECREATION

**OPEN SPACE
MASTER PLAN**

STAKEHOLDERS
WORKSHOP



SEPT 27 2023



AT 3 - 5 PM

Jimmy Burke Center
500 W. 13th Street
Deer Park, TX 77536

Deer Park Parks and Recreation would like to invite you to join us for the Open Space Master Plan Workshop. Help us shape the future of Deer Park Parks & Recreation.



Workshop Agenda

- 3:00 - 3:20 Opening and introduction
- 3:20 - 4:20 Breakout brainstorm session
- 4:20 - 4:30 Break
- 4:30 - 4:50 Report briefing
- 4:50 - 5:00 Wrap up

COMMUNITY ENGAGEMENT ACTIVITIES

TEXAS TARGET COMMUNITIES

**SPRING
2023**

The Deer Park Parks and Recreation department sought assistance from Texas A&M University's Texas Target Communities program, aiming to enhance their sustainability initiatives. Despite Deer Park's considerable size posing initial qualification challenges, the Texas Target Communities program, in collaboration with the Texas A&M Landscape Architecture and Urban Planning Department, resolved to support the city's aspirations for sustainable development.

DEER PARK AND TAMU KICK OFF MEETING

**FALL 2023 - LAND 693
SEPTEMBER 7TH, 2023**

The inaugural meeting took place at Deer Park's temporary Park and Recreation building within Dow Park. It served as a platform for both teams to acquaint themselves, align on the desired scope of work for the upcoming master plan, and conduct a comprehensive tour of the facilities.

DEER PARK AND TAMU BI-WEEKLY MEETINGS

**FALL 2023 AND
SPRING 2024**

The Deer Park Parks and Recreation Department team and the Texas A&M University team held biweekly meetings via Microsoft Teams. These sessions served as opportunities to exchange updates, address any ongoing queries, and ensure seamless progress in the collaborative process.

COMMUNITY WORKSHOP

**FALL 2023 - LAND 311
SEPTEMBER 27TH, 2023**

The initial community workshop, led by the Texas A&M team alongside Bachelor of Landscape Architecture students, took place at the Jimmy Burke Activity Center. Residents of Deer Park were seated at tables alongside groups of students, fostering direct engagement. The session provided students with the chance to inquire about resident perspectives, gain insights into the city's dynamics, and actively receive feedback from the community.

CITY COUNCIL PRESENTATION

**FALL 2023 - LAND 311/693
DECEMBER 4TH, 2023**

At the conclusion of the first semester's efforts, the Texas A&M University team undertook the responsibility of delivering a presentation to the Deer Park City Council, providing updates on their progress. With a designated 10-minute slot, they elucidated their advancements in accordance with the progress schedule, master plan scale, and intricate designs for individual parks. Following the presentation, the Deer Park City Council engaged in a discussion, posing questions and addressing concerns. In response to the feedback received, Texas A&M University proceeded into the subsequent semester with renewed vigor to further enhance the master plan.

COMMUNITY SURVEY NEEDS ASSESSMENT

**FALL 2023 - SPRING 2024
LEAD BY DR. DONGYIN LI**

The Deer Park Parks and Recreation Community Needs Assessment Survey aimed to gather feedback on park usage, unmet needs, and future plans for community well-being. Using web and paper surveys, it reached residents through utility bills, newsletters, email Listservs, and physical copies. Structured into four sections on recreational activities, health, children's activities, and demographics, it prioritized user-friendliness with a 15-minute completion time. After cleaning, 464 valid responses informed the development of the Park, Recreation, and Open Space Plan through detailed analysis and presentation formats.

COMMUNITY FOCUS GROUPS

**SPRING 2024 - LAND 621
MARCH 6TH, 2024**

The second community engagement meeting involved Master of Landscape Architecture students interacting directly with Deer Park residents and facility workers. This focused group session aimed to ensure every voice was heard during discussions. Students facilitated conversations by presenting questions and prompts to participants at their tables, fostering a dynamic exchange where they could learn, gather feedback, and further explore topics through additional questioning to stimulate further discussion.

CITY WIDE PRESENTATIONS

**SPRING 2024 - LAND 621/693
MAY 6TH AND 7TH, 2024**

Upon the conclusion of both the first and second semesters, Texas A&M University assumed the responsibility of presenting their extensive work to both the city park commission team and the city council. The objective of these presentations was to showcase all completed endeavors over the year, providing a comprehensive overview of the contributions made by Texas A&M students and faculty. Each presentation allocated a generous 25 minutes for Texas A&M University to present their work and engage in subsequent discussions, ensuring all viewers gained a thorough understanding of the accomplished tasks and their implications for the project's progression.

COMMUNITY ENGAGEMENT ACTIVITIES



I. COMMUNITY PROFILE OF DEER PARK

1.1 LOCATION AND REGIONAL CONTEXT OF DEER PARK

PROJECT BACKGROUND

Deer Park, Texas, situated southeast of Houston within Harris County, covers an area of 14.5 square miles. Despite its relatively small size, the city is considered landlocked due to its surrounded location, hemmed in by neighboring Houston cities and the Buffalo Bayou Ship Channel to the north. The industrial district of the city is concentrated around the ship channel, while a mixed-use development lies beneath Highway 225, also known as Pasadena Freeway or Texas Independence Highway.

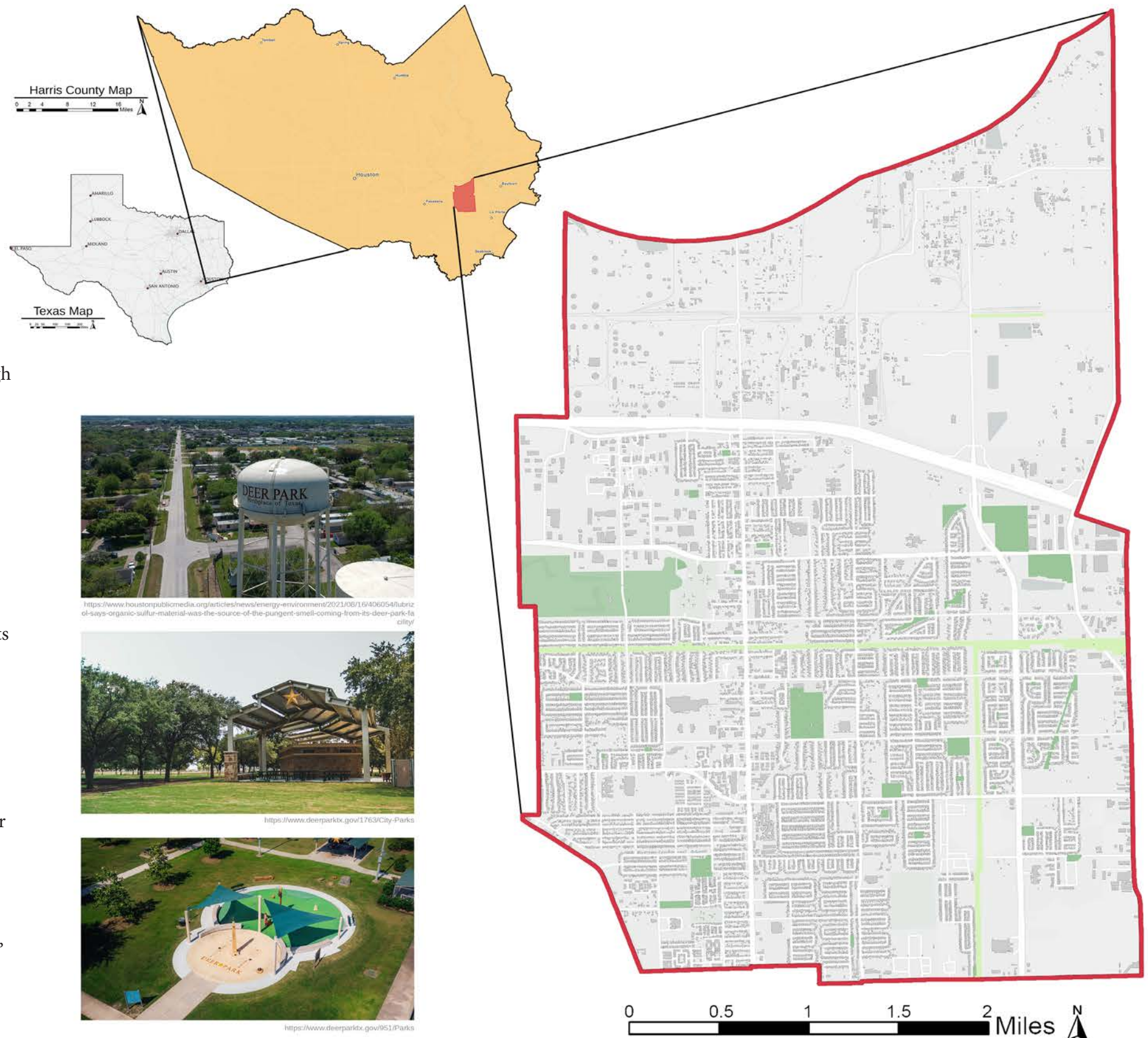
The specific area of focus for this discussion encompasses the city grounds directly under the 3.2 miles of highway frontage, totaling approximately 10 square miles of land. This site includes 30 parks of varying sizes, 6 miles of trails, and 6 sports complexes. All these recreational spaces are easily accessible by vehicle, connected through a network of primary and secondary roads that crisscross the city.

Noteworthy among these parks is Dow Park, located at the heart of Deer Park. It functions as the city's focal point, often regarded as its "downtown" area by locals and neighboring residents alike.

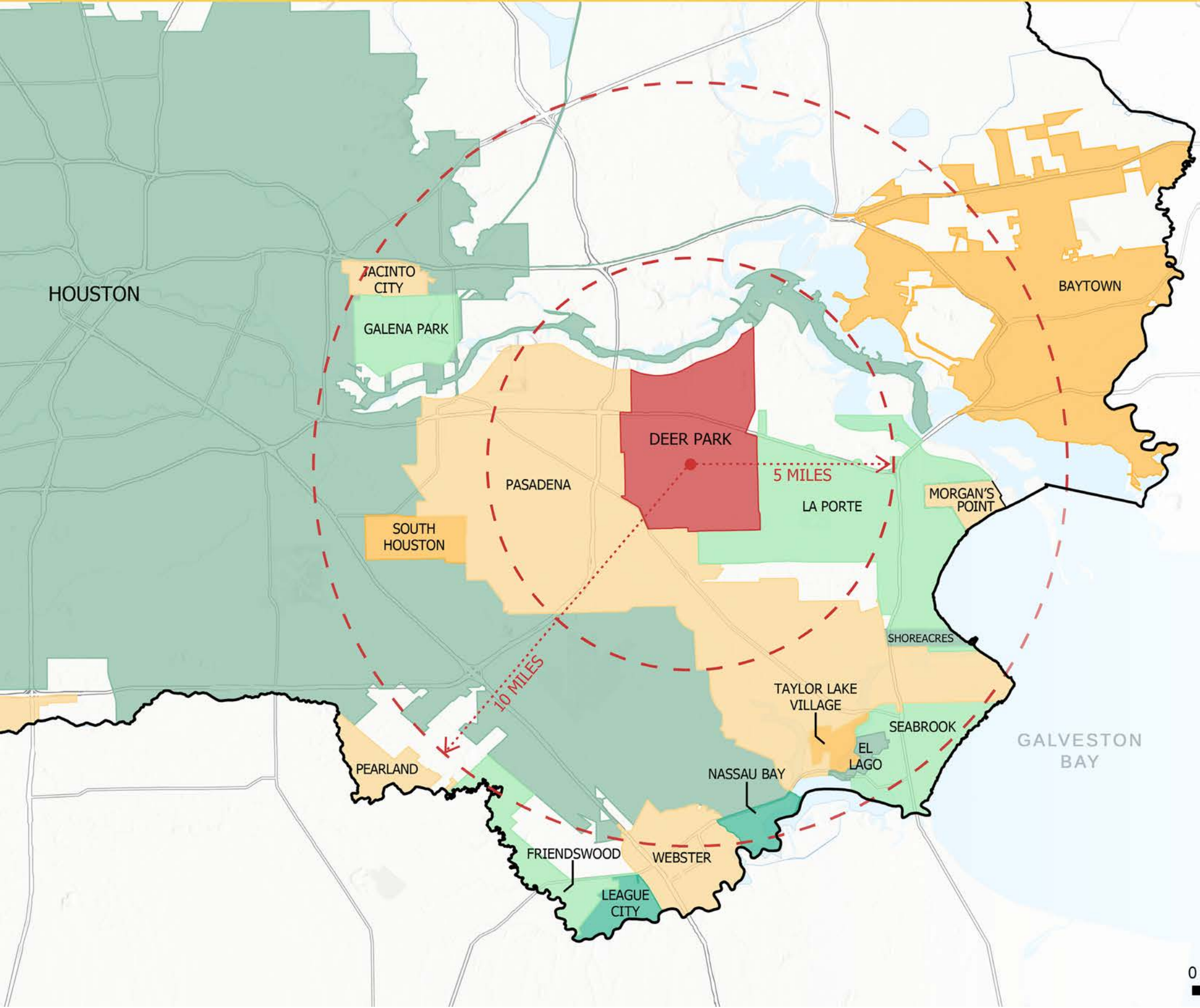
Deer Park boasts a diverse natural landscape, including dense forest areas, intricate water canal systems, vibrant green corridors, and expansive open grasslands. These elements collectively form the city's green space, providing residents with serene and recreational environments. The city's commitment to green spaces is evident in its existing tree canopy and major site elements.

PROJECT SCOPE

The proposed project aims to create a comprehensive master plan for Deer Park's parks and recreational facilities, spanning from 2024 to 2034. This plan encompasses all existing city-owned public spaces, parks, greenways, trails, and sports complexes. Once approved and adopted, the new master plan will serve as a guiding document, providing vision, strategies, guidelines, and a framework for the future development and enhancement of the city's recreational areas. Moreover, it plays a crucial role in maintaining the city's accreditation as a CAPRA (Commission for Accreditation of Park and Recreation Agencies) accredited park and recreation agency recognized by the National Recreation and Park Association (NRPA).



1.1 LOCATION AND REGIONAL CONTEXT OF DEER PARK (Continued)



SUMMARY OF COMPETING CITIES

Situated within Harris County, Deer Park, Texas, is landlocked. This analysis of neighboring cities aims to pinpoint distinctive features, enabling Deer Park to stand out from its counterparts.

LA PORTE, TEXAS

“The City of La Porte is rich in history and built on community, delivering a safe and attractive environment for all walks of life.”

La Porte is a small Texas town located at the junction of the Houston Ship Channel and Galveston Bay. Known for its industrial significance in the Houston region due to the ship channels and petrochemical industry.

One of its main attractions is Sylvan Beach Park. This popular recreational area features a sandy beach, fishing pier, playgrounds, and picnic areas, making it a favorite spot for both locals and visitors.

<https://www.laportetx.gov/1142/Parks-Recreation>

PASADENA, TEXAS

Pasadena, the second-largest city in Harris County, is located 20 miles southeast of Downtown Houston. Initially known as the strawberry capital, it shifted to an industrial economy due to its proximity to the ship channel.

Named after Pasadena, California, it boasts lush vegetation and natural beauty. Pasadena is home to the largest wildlife preserves, a vibrant community theater, and rich cultural heritage.

“Pasadena Parks and Recreation Department is to enhance the quality of life for our citizens through the city’s exceptional parks and programs.”

<https://www.pasadenatx.gov/150/Parks-Recreation>

HOUSTON, TEXAS

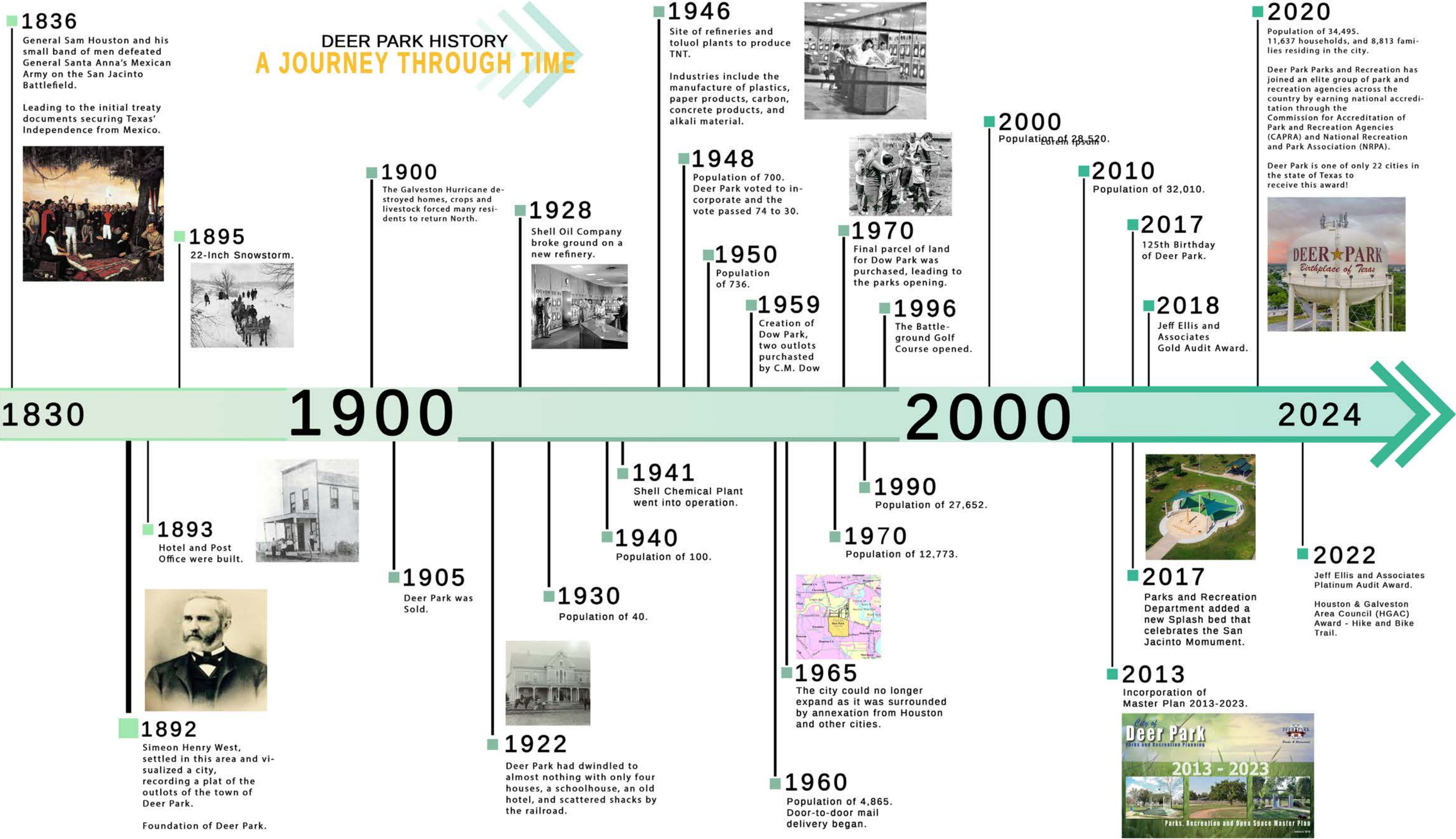
Houston, the largest city in Texas and the fourth largest in the United States. It is a hub for oil, petrochemical, and aerospace research.

What sets Houston apart is its abundance of recreational amenities. With 382 developed parks, 167 green spaces, and over 125 miles of hike and bike trails, the city provides residents with ample opportunities for outdoor enjoyment.

“To Enhance the quality of urban life by providing safe, well-maintained parks, and offering affordable programming for our community.”

<https://www.houstontx.gov/parks/>

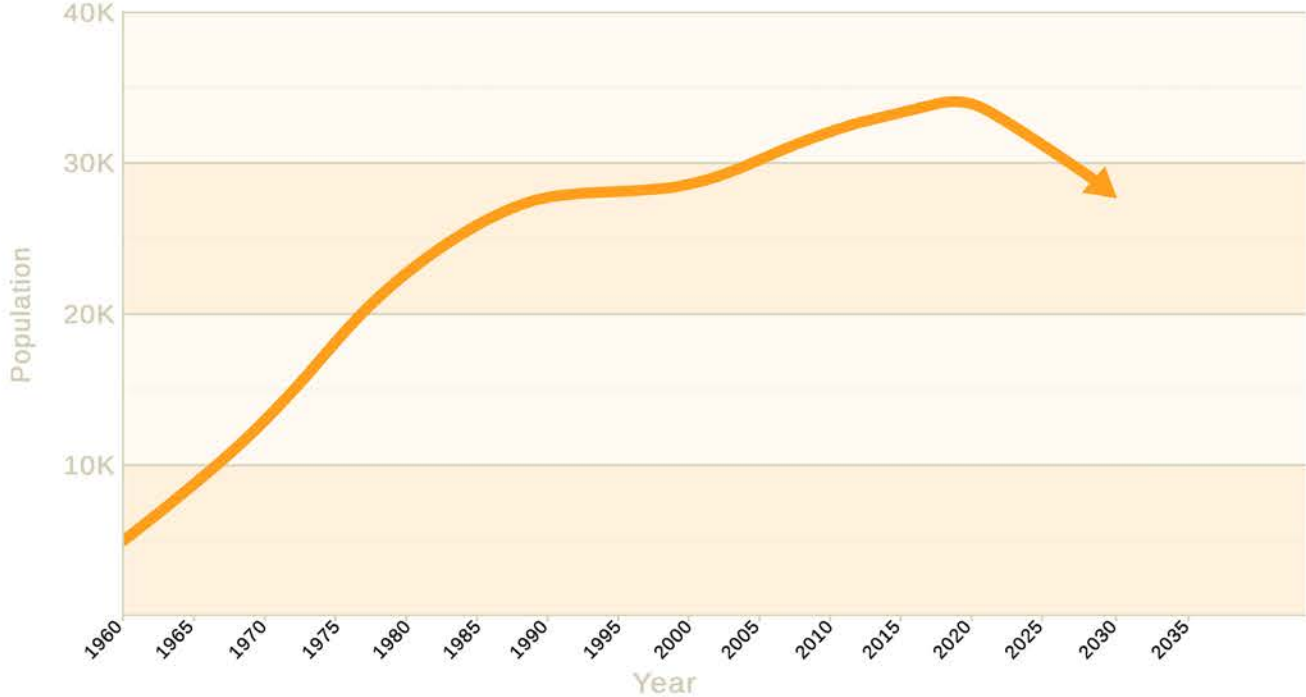
1.2 HISTORY OF DEER PARK



1.3 DEMOGRAPHICS OF DEER PARK

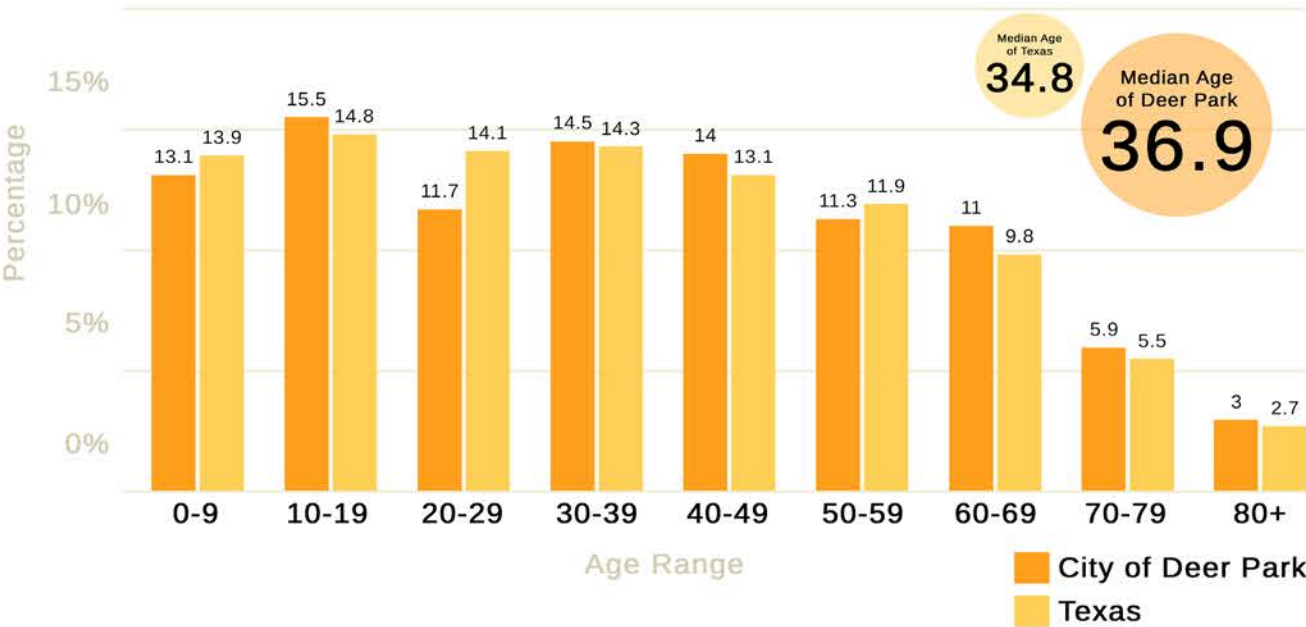
DEER PARK POPULATION PREDICTION

Deer Park experienced consistent population growth from 1960 to 2020, reaching a population of 32,381 in 2023. However, recent data indicates a decline, with the city currently experiencing an annual decrease of -1.94%. This decline has led to a -5.71% decrease in population since the last census in 2020, which recorded a population of 34,343.



DEER PARK, TEXAS VS. TEXAS AGE ANALYSIS

Deer Park has a substantial proportion of youth and middle-aged adults, but it stands out in Texas due to its higher percentage of seniors. With a median age of 36.9, the community primarily consists of starter families and older family units.



HARRIS COUNTY RACE/ETHNICITY ANALYSIS

From its foundation, Deer Park was primarily a white community. However, recent developments have seen a significant increase in the Hispanic/Latino population.

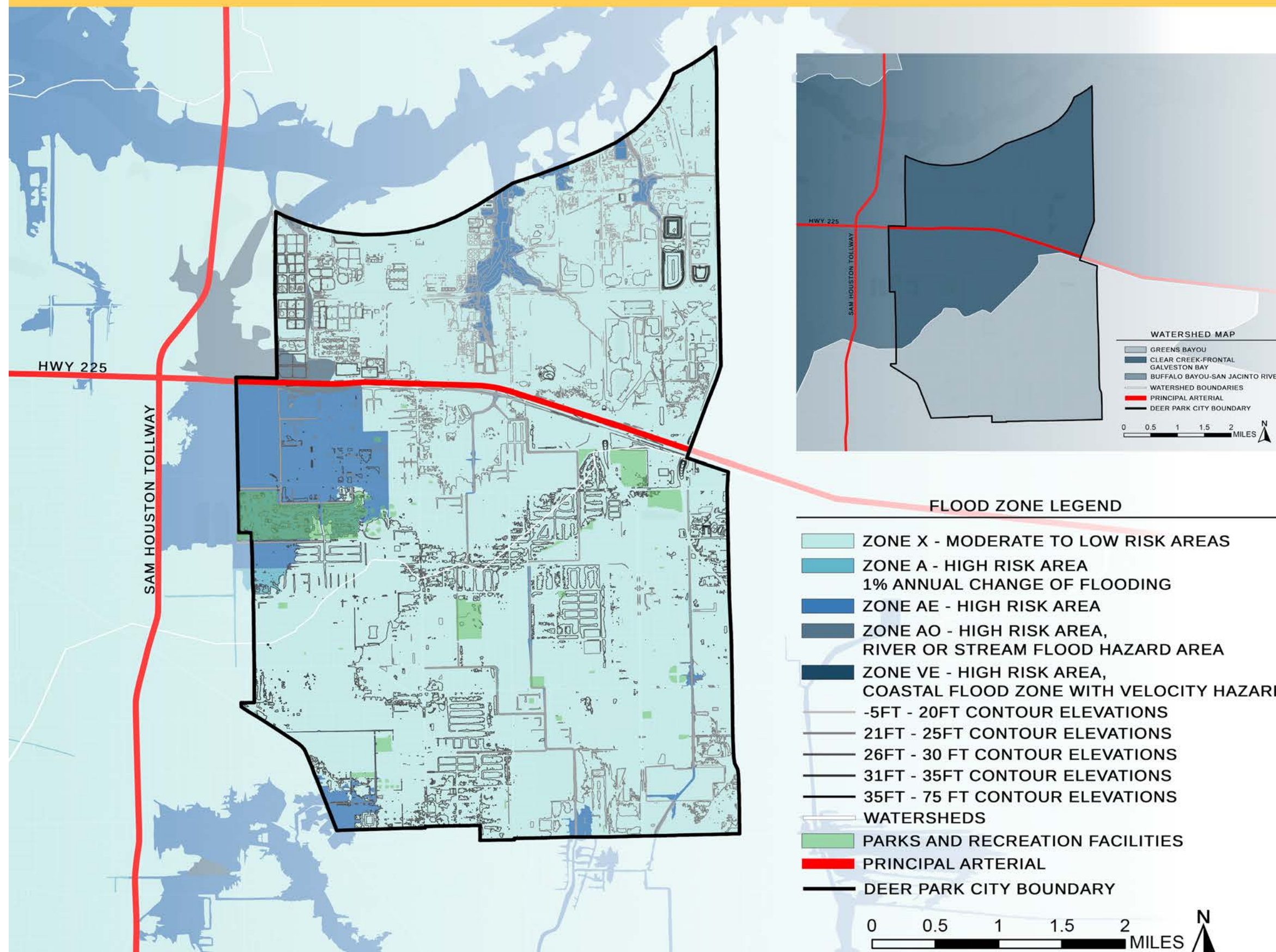
Race/Ethnicity (% of Total Population)	City of La Porte	City of Pasadena	City of Houston	City of Deer Park
White	49.2%	23.9%	25.1%	54%
Black or African American	7.2%	2.9%	22.4%	2.2%
American Indian / Alaska Native	2.2%	1.1%	0.7%	1.2%
Asian	1.4%	1.7%	6.9%	1.0%
Native Hawaiian	0%	0%	0.1%	0%
Hispanic or Latino	40%	70.4%	44.8%	41.6%

HARRIS COUNTY ECONOMICS ANALYSIS

Deer Park stands out favorably in economic comparisons with neighboring cities. It boasts the highest median income values and the lowest poverty rates, indicating a strong economic standing within the community.

Economic Characteristics	City of La Porte	City of Pasadena	City of Houston	City of Deer Park
Median Income Value	\$78,665	\$61,182	\$56,019	\$81,558
Per Capita Income	\$40,935	\$25,381	\$35,578	\$35,093
Population>16 Years Old in Labor Force	64.6%	67%	66.8%	64.5%
Persons in Poverty	10.7%	17.9%	19.5%	8.1%
Median Home Value	\$165,800	\$142,900	\$200,700	\$190,800

1.4 PHYSICAL ENVIRONMENT OF DEER PARK - FLOOD RISK ZONES



POTENTIAL FLOODING

Deer Park faces potential flooding risks due to its proximity to the Buffalo Bayou channel and Galveston Bay. The majority of the city, classified as Zone X, has a moderate to low risk for flooding, including most parks and recreation facilities. However, high-risk areas (Zone AE) are situated along the city's boundary near the golf course and the southwestern corner.

To mitigate flooding, Deer Park has implemented an extensive drainage canal system throughout the city. These canals allow rapid water movement during large surge events and provide a means to redirect water away from vulnerable areas, ensuring the city is prepared to manage potential flooding challenges effectively.

FLOOD FACTOR DATA

FLOOD RISK OVERVIEW MODERATE



3,723
OUT OF 10,062
HOMES AT
MODERATE RISK



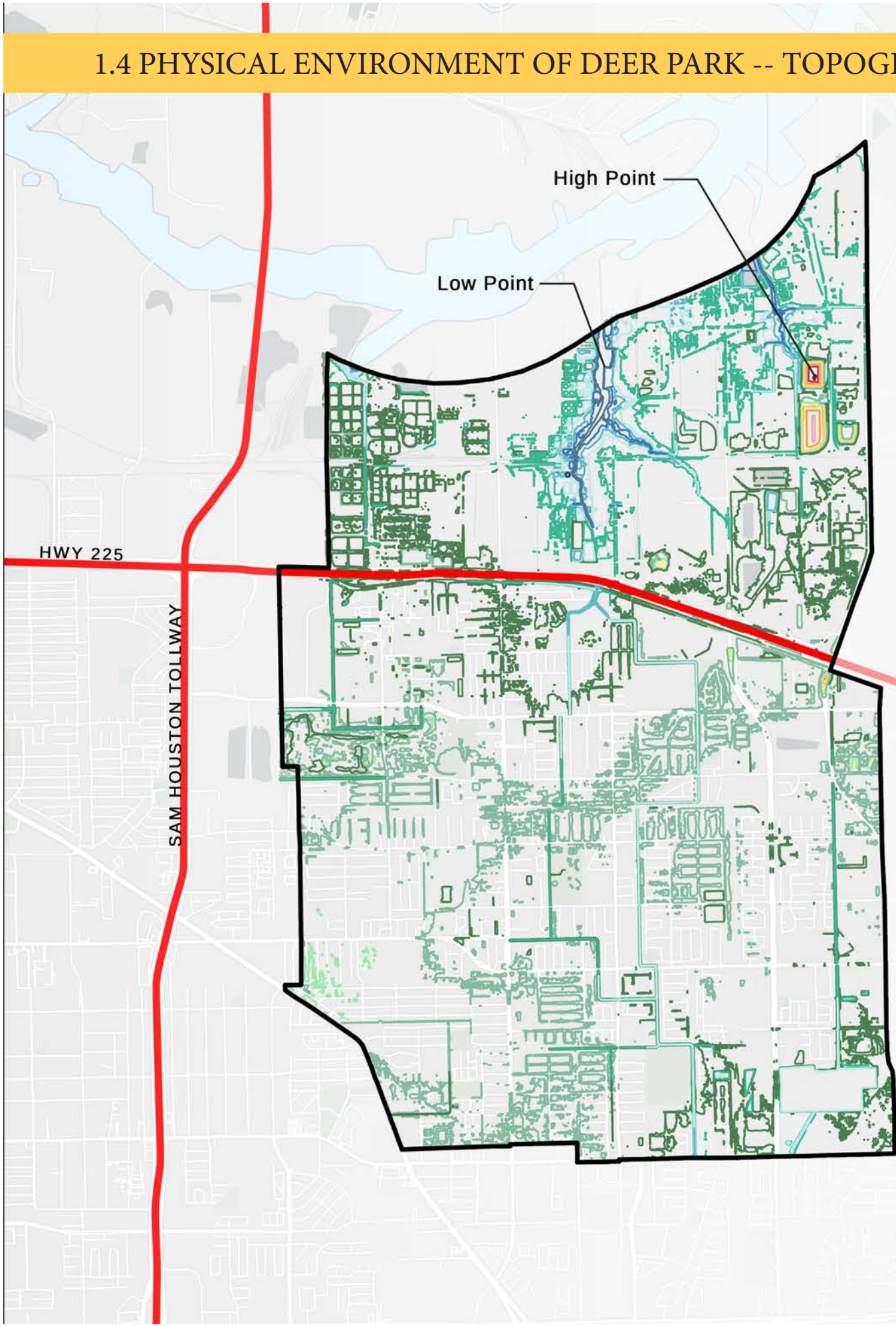
195
OUT OF 502
COMMERCIAL
PROPERTIES AT
MODERATE RISK



155
OUT OF 189
MILES OF ROAD
AT MAJOR RISK

https://riskfactor.com/city/deer-park-tx/4819624_fsid/flood

1.4 PHYSICAL ENVIRONMENT OF DEER PARK -- TOPOGRAPHY AND SURFACE DRAINAGE



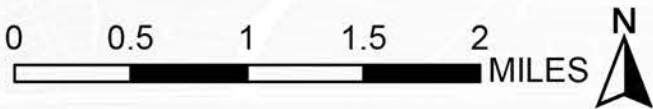
NAVIGATING THE WATER FLOW

In the northern part of Deer Park, within the industrial district, lies both the city's lowest and highest points. The lowest point occurs where Deer Park meets the Buffalo Bayou channel above Highway 225. South of Highway 225, the majority of the land maintains a consistent elevation of 30 feet, indicating the city's predominantly flat terrain.

Across Deer Park, a network of drainage canals can be observed, ranging from concrete buffers to green bioswales, all leading to drainage detention or retention ponds.

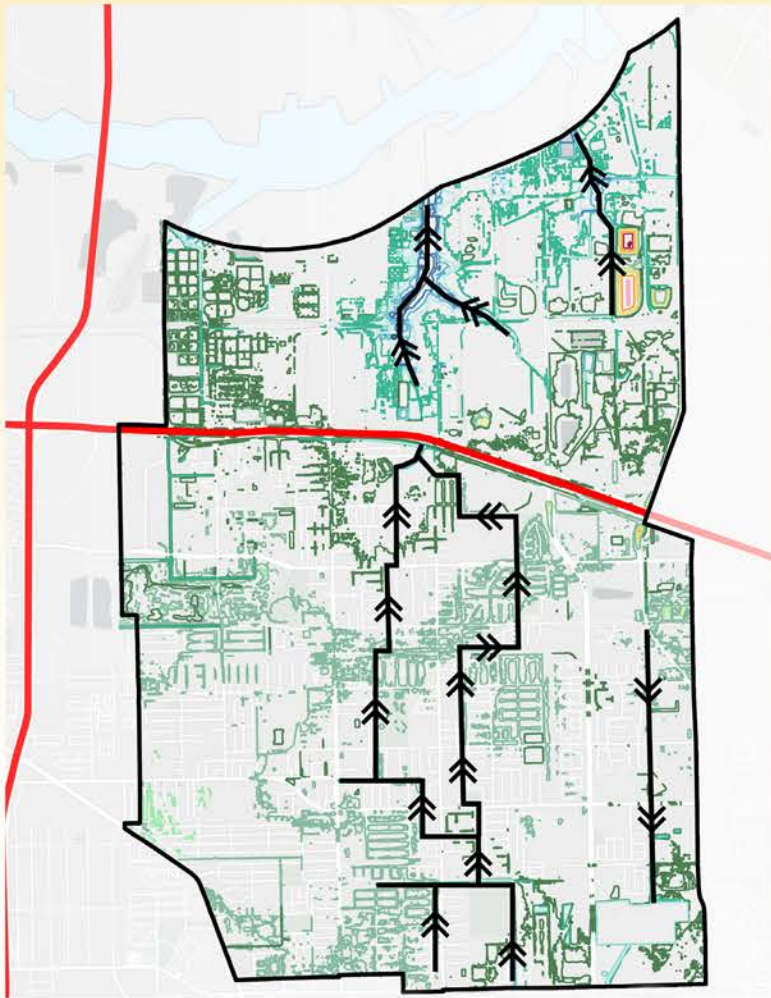
CONTOUR LEGEND

- 5 FT
- 0 FT
- 5 FT
- 10 FT
- 15 FT
- 20 FT
- 25 FT
- 30 FT
- 35 FT
- 40 FT
- 45 FT
- 50 FT
- 55 FT
- 60 FT
- 65 FT
- 70 FT
- 75 FT
- PRINCIPAL ARTERIAL
- DEER PARK CITY BOUNDARY



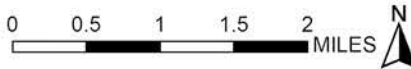
DIRECTION FLOW OF WATER

Existing drainage canals are marked by black lines, with arrows indicating the direction of water flow. The central canals transport water from South to North, channeling it towards the Buffalo Bayou channel. Meanwhile, the canals on the right direct water from North to South, ultimately guiding it to a drainage pond. This comprehensive drainage system plays a vital role in managing water flow and ensuring the city's resilience against potential flooding events.

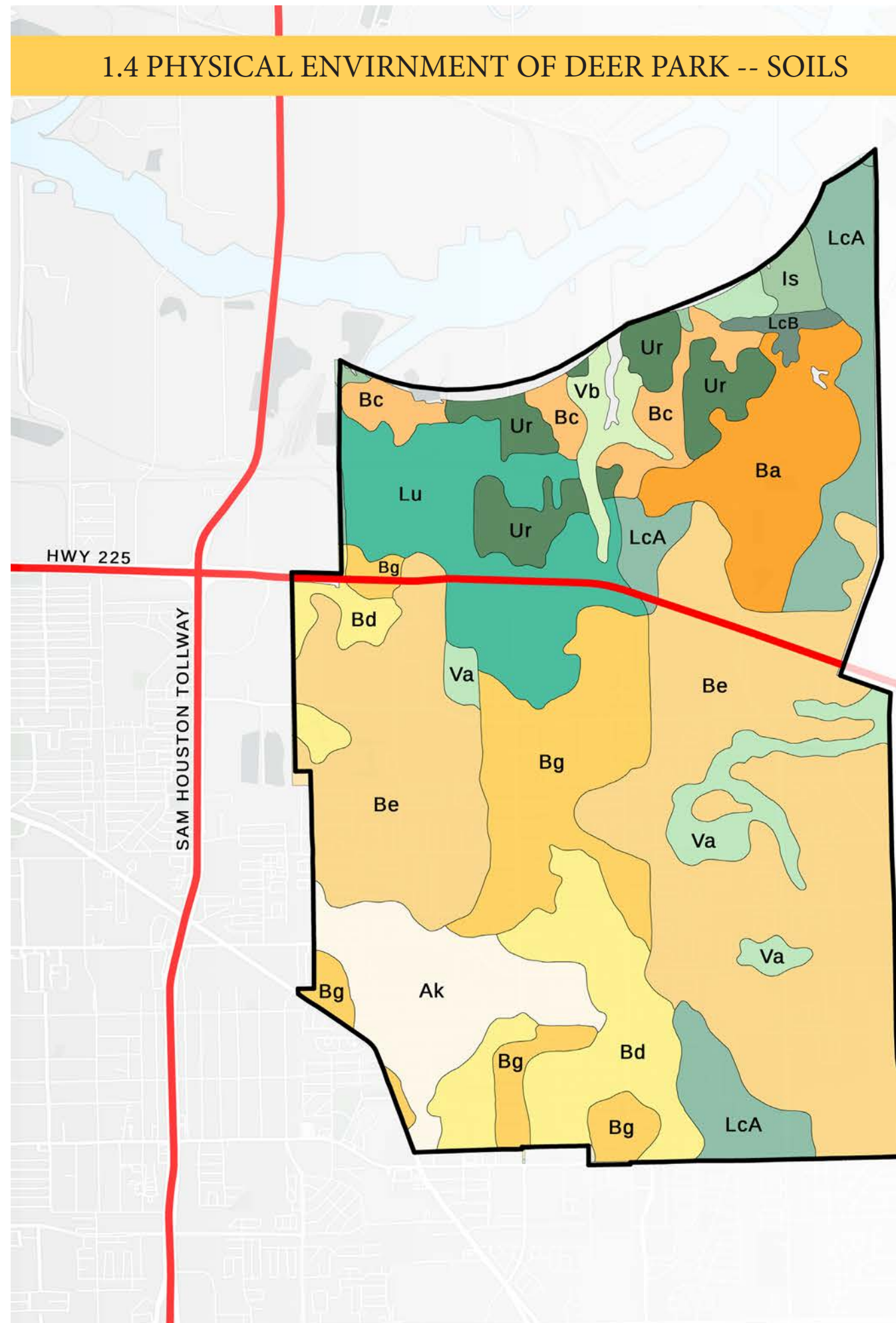


DRAINAGE LEGEND

- DRAINAGE FLOW DIRECTION
- ARROW POINT = FLOW DIRECTION



1.4 PHYSICAL ENVIRONMENT OF DEER PARK -- SOILS



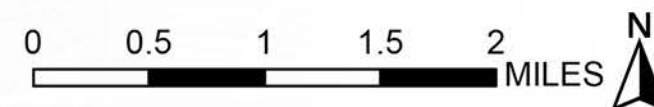
SOIL COMPOSITION

Examining the region south of Highway 225, Deer Park's soil composition includes the Bernard, Addick's, Lake Charles, and Verland Series. The dominant soil type in the southern area is the Bernard-Urban Land Complex, characterized as slow-draining with a high runoff rate. Ideal vegetation for the Bernard soil type includes tall prairie grasses and Elm Trees. The Verland Series, although a minor part of Deer Park, also exhibits slow permeability and high runoff characteristics.

Both Addicks and the Lake Charles Series are moderately well-draining soils with moderate to high runoff rates. In essence, all soil types in Deer Park are high runoff varieties. This information is crucial to consider for future park and recreational facility expansions and renovations, ensuring thoughtful planning and effective water management strategies.

SOIL LEGEND

- Ad ADDICKS LOAM
- Ak ADDICKS-URBAN LAND COMPLEX
- Ba BEAUMONT CLAY
- Bc BEAUMONT-URBAN LAND COMPLEX
- Bd BERNARD CLAY LOAM
- Be BERNARD-EDNA COMPLEX
- Bg BERNARD-URBAN LAND COMPLEX
- Is IJAM SOILS
- LcA LAKE CHARLES CLAY, 0 TO 1% SLOPES
- LcB LAKE CHARLES CLAY, 1 TO 3% SLOPES
- Lu LAKE CHARLES-URBAN LAND COMPLEX
- Ur URBAN LAND
- Va VERLAND SILTY CLAY LOAM
- Vb VERLAND-URBAN LAND COMPLEX
- PRINCIPAL ARTERIAL
- DEER PARK CITY BOUNDARY



SOIL ANALYSIS

BERNARD SERIES

- Bd Bernard-Edna Complex
- Be Bernard-Urban Land Complex
- Bg Bernard Clay Loam

Taxonomix Class: Fine and Smetitic
Drainage: Somewhat Poorly Drained
Permeability: Very Slow
Runoff: High
Recommended Vegetation: Tall Prairie Grasses and Widely spaces Elm Trees

ADDICKS SERIES

- Ak Addicks-Urban Land Complex

Taxonomix Class: Coarse-Loamy
Drainage: Moderately Well-Drained
Permeability: Moderate
Recommended Vegetation: Native Grass and Pine-Hardwood Trees

LAKE CHARLES SERIES

- LcA Lake Charles Clay, 0 to 1% Slopes
- Lu Lake Charles-Urban Land Complex

Taxonomix Class: Fine and Smetitic
Drainage: Moderately Well-Drained
Permeability: Very Slow
Runoff: High on 0-1% slopes
Recommended Vegetation: Native Grasses and Scattered Oaks and Elms

VERLAND SERIES

- Ve Verland Silty Clay Loam

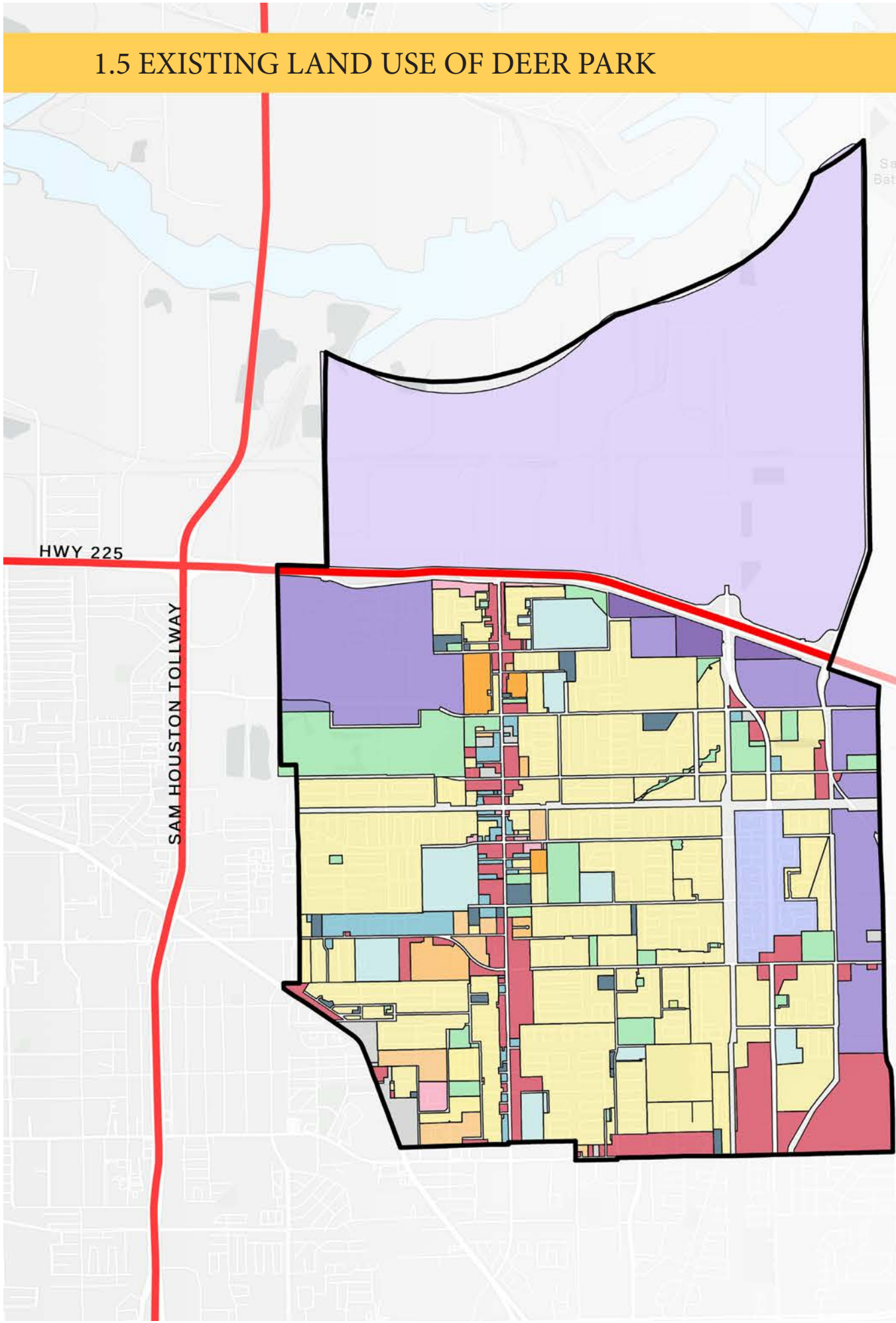
Taxonomix Class: Fome amd Smetitic
Drainage: Somewhat Poorly
Permeability: Very Slow
Runoff: High on 0-1% Slopes
Recommended Vegetation: Tall Prairie Grasses

TEXAS ECOREGION



Soils are acidic sands and sandy loams, with clays occurring primarily in the river bottoms. Native vegetation consists of tallgrass prairies and live oak woodlands.

1.5 EXISTING LAND USE OF DEER PARK

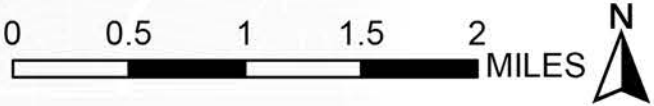


THE URBAN LANDSCAPE

In the early stages of Deer Park’s development, the industrial district took precedence as one of the city’s initial sectors. Progressing from north to south along Center Street, the industrial area closely aligns with the highway, a departure from the norm where general commercial zones usually greet visitors upon entering a city. North of Highway 225 predominantly hosts the industrial district, while south of the highway, the city’s landscape transforms into a mix of commercial establishments, residential areas, civic spaces, and recreational facilities. Center Street, functioning as the city’s primary thoroughfare, serves as the main hub for general commercial activities. Although Deer Park lacks a traditional downtown area, Center Street effectively functions as its main street, incorporating beautification initiatives and green spaces into its design. In the southeast, new additions include HEB and franchised restaurants, showcasing Deer Park’s evolving urban development.

LAND USE LEGEND

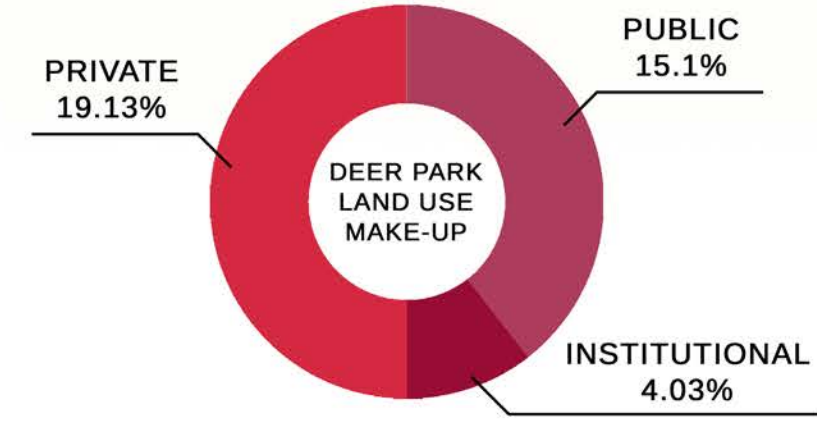
- GENERAL COMMERCIAL
- OFFICE PROFESSIONAL
- TWO FAMILY HOMES
- MULTI-FAMILY HOMES
- SINGLE-FAMILY HOMES
- CITY PROPERTY ZONE (PARKS)
- COMMUNITY SERVICE
- CHURCH
- SCHOOL PROPERTY
- HIGHWAY SERVICE
- GENERAL INDUSTRIAL
- INDUSTRIAL PARKS
- INTENSIVE INDUSTRIAL
- PLANNED UNIT DEVELOPMENT
- PRINCIPAL ARTERIAL
- DEER PARK CITY BOUNDARY



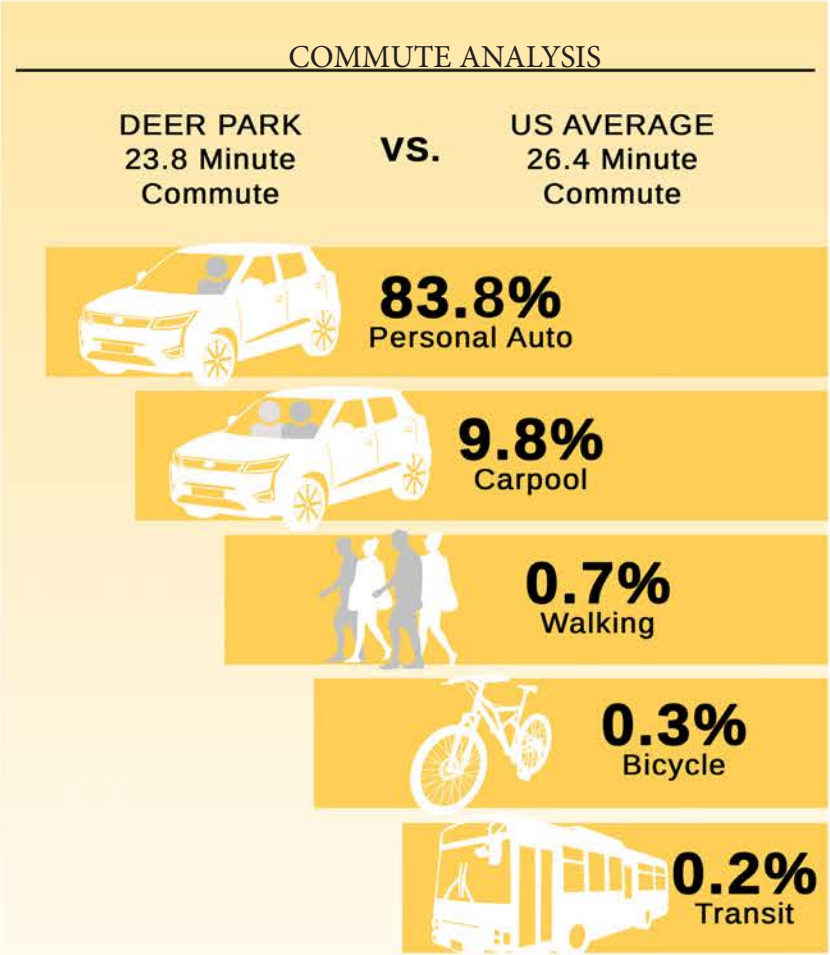
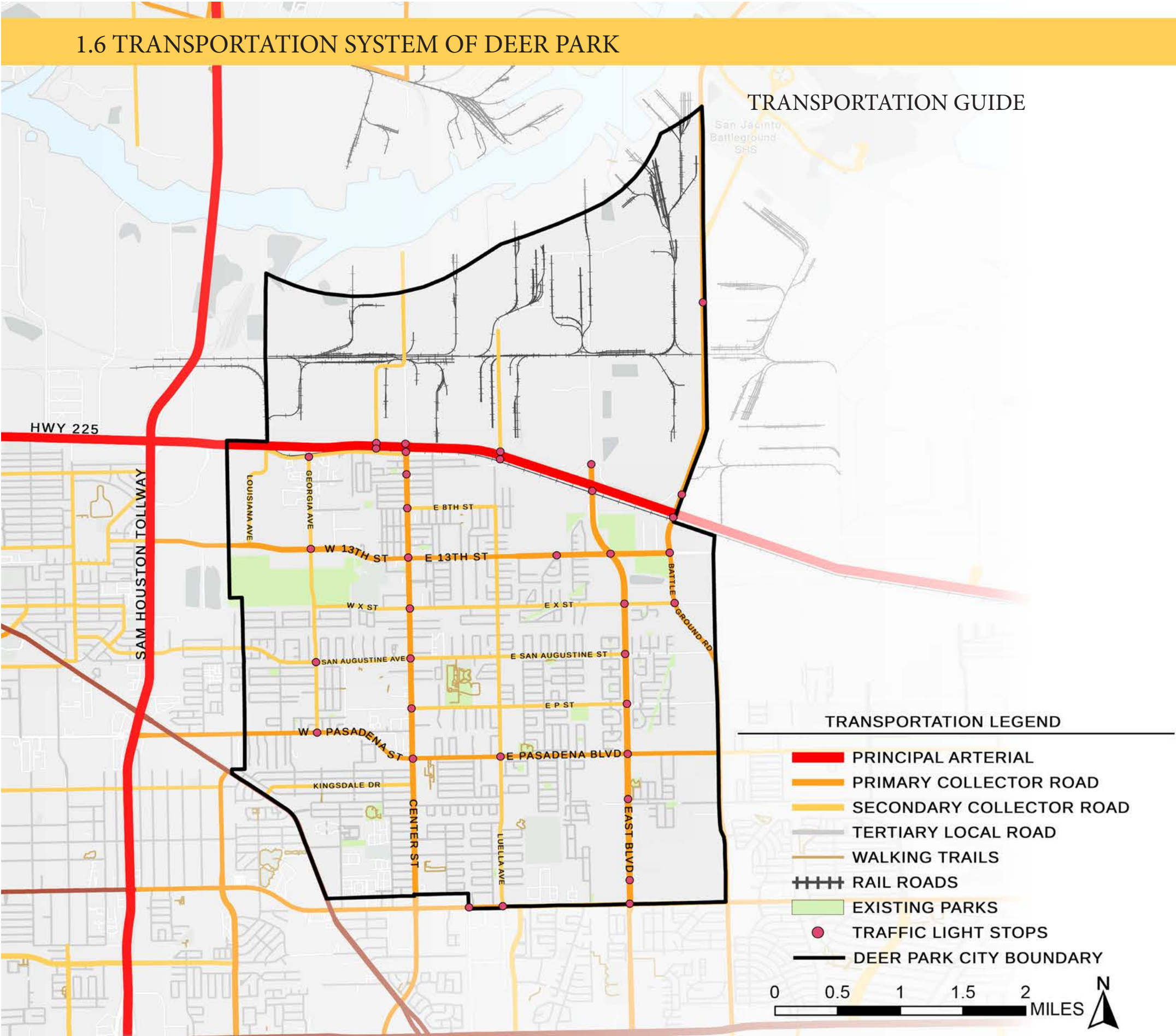
LAND USE

TYPE OF LAND USE	OWNERSHIP	% LAND COVERED	ACRES
GENERAL COMMERCIAL	PRIVATE	6.54%	526
OFFICE PROFESSIONAL	PRIVATE	0.47%	38
TWO FAMILY HOMES	PRIVATE	0.49%	40
MULTI-FAMILY HOMES	PRIVATE	1.84%	148
SINGLE-FAMILY HOMES	PRIVATE	28.8%	2313
CITY PROPERTY ZONE (PARKS)	PUBLIC	5.32%	428
COMMUNITY SERVICES	PUBLIC	1.43%	115
CHURCH	INSTITUTIONAL	0.74%	60
SCHOOL PROPERTY	INSTITUTIONAL	3.29%	264
HIGHWAY SERVICE	PUBLIC	0.80%	65
GENERAL INDUSTRIAL	PRIVATE	1.00%	85
INDUSTRIAL PARKS	PRIVATE	11.1%	895
INTENSIVE INDUSTRIAL	PRIVATE	36.5%	2931
PLANNED UNIT DEVELOPMENT	PRIVATE	1.68%	135

PRIVATE VS. PUBLIC



1.6 TRANSPORTATION SYSTEM OF DEER PARK



Deer Park is strategically positioned adjacent to two vital transportation arteries: Highway 225 and the Sam Houston Tollroad. Highway 225, cutting directly through the city, acts as a clear boundary, separating the industrial sector from the rest of the city.

The city’s primary north-south thoroughfares are Center Street and East Boulevard, with Center Street serving as the bustling main street housing a majority of the general commercial businesses. For east-west travel, the key routes are 13th Street and Pasadena Boulevard. Additionally, San Augustine Street plays a significant role, serving as the central road through the Parks and Recreation hub, akin to the main street for the Parks and Recreation department.

Remarkably, Deer Park residents enjoy shorter commute times than the national average, with most individuals predominantly using their personal vehicles for travel.

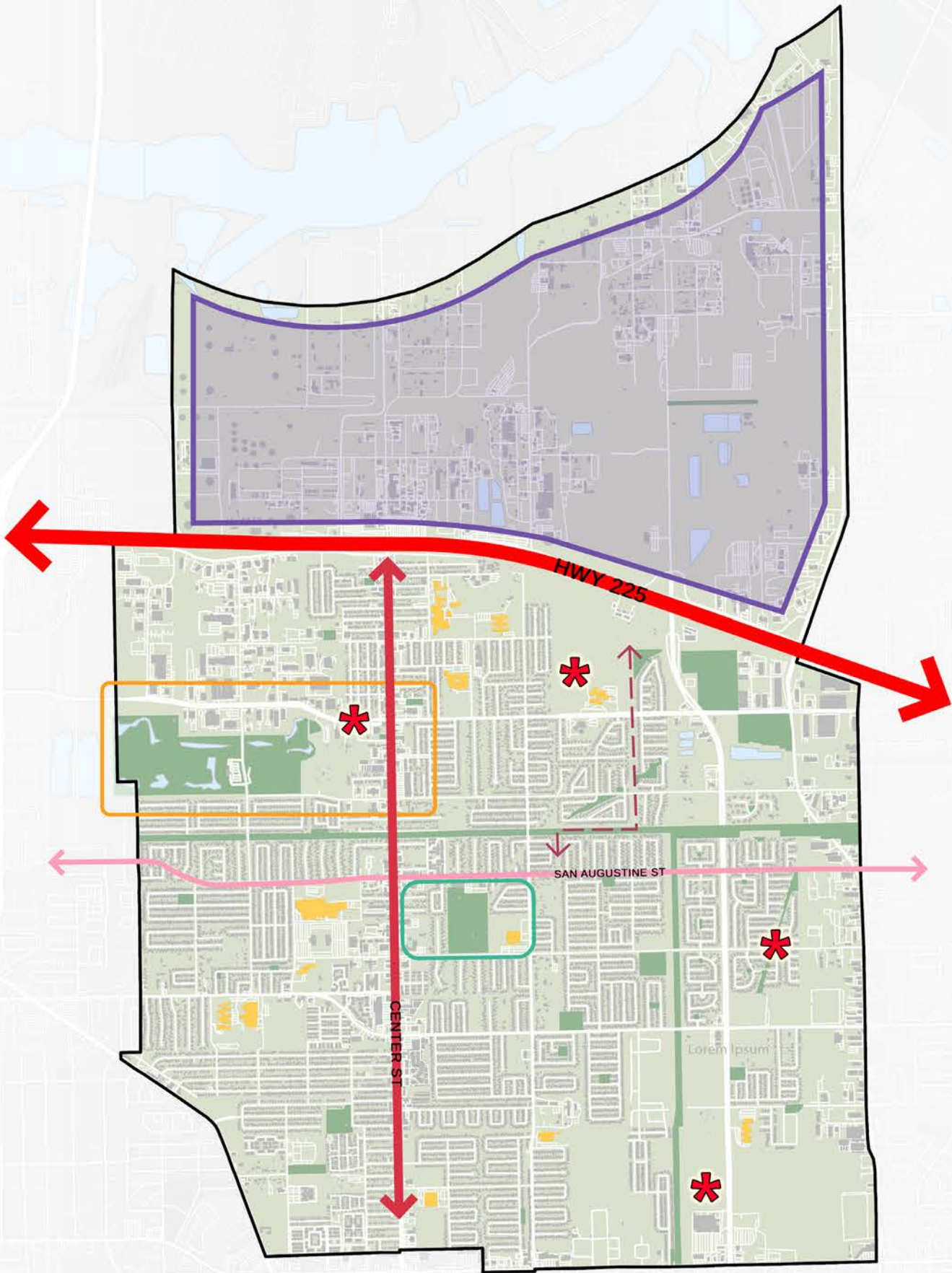
1.7 COMMUNITY FACILITIES AND AMENITIES

COMPREHENSIVE OVERVIEW OF THE
UNIQUE URBAN LANDSCAPE

Deer Park, currently divided by Highway 225, features an industrial district to the north and a vibrant southern section comprising residential homes, commercial businesses, and essential parks and recreation facilities.

Unlike typical cities, Deer Park lacks a traditional ‘downtown,’ but the renowned Dow Park serves as its central hub, housing the city hall, community center, and aquatics facilities. Widely used by the community, Dow Park’s strategic location and diverse programming make it a cherished space.

The city is particularly enthusiastic about enhancing pedestrian connectivity on a citywide scale, a central focus in the forthcoming 2024-2034 master plan.



PARKS AND RECREATION LEGEND

- PARKS, REC FACILITIES, AND OPEN SPACE
- SCHOOL BUILDING FOOTPRINT
- BUILDING FOOTPRINT
- WATER
- PRINCIPAL ARTERIAL
- MAJOR STREET
- MINOR STREET
- HIKE/BIKE TRAILS
- PARKS AND RECREATION HUB
- CULTURE/ARTS HUB
- INDUSTRIAL HUB
- DEER PARK CITY BOUNDARY
- POTENTIAL ENHANCEMENT AREAS



DEER PARK
EXISTING FEATURES

PARK AND RECREATION
FACILITIES

30 Parks	1 Theatre
22 Playground Structures	1 Multi-Purpose Field
23 Ball Fields	1 Cemetery
13 Pavilions	1 Bocce Court
6 Soccer Fields	1 Activity Center
4 Fitness Areas	1 Splash Pad
4 Recreation Centers	1 Historical Facility
4 Tennis Courts	1 Senior Center
3 Butterfly Garden	1 Aquatic Facility
1 Disc Golf Course	

15 Schools	8 Elementary Schools
	4 Junior High Schools
	2 High Schools
Students = ~12,800	
Employees = ~1,870	

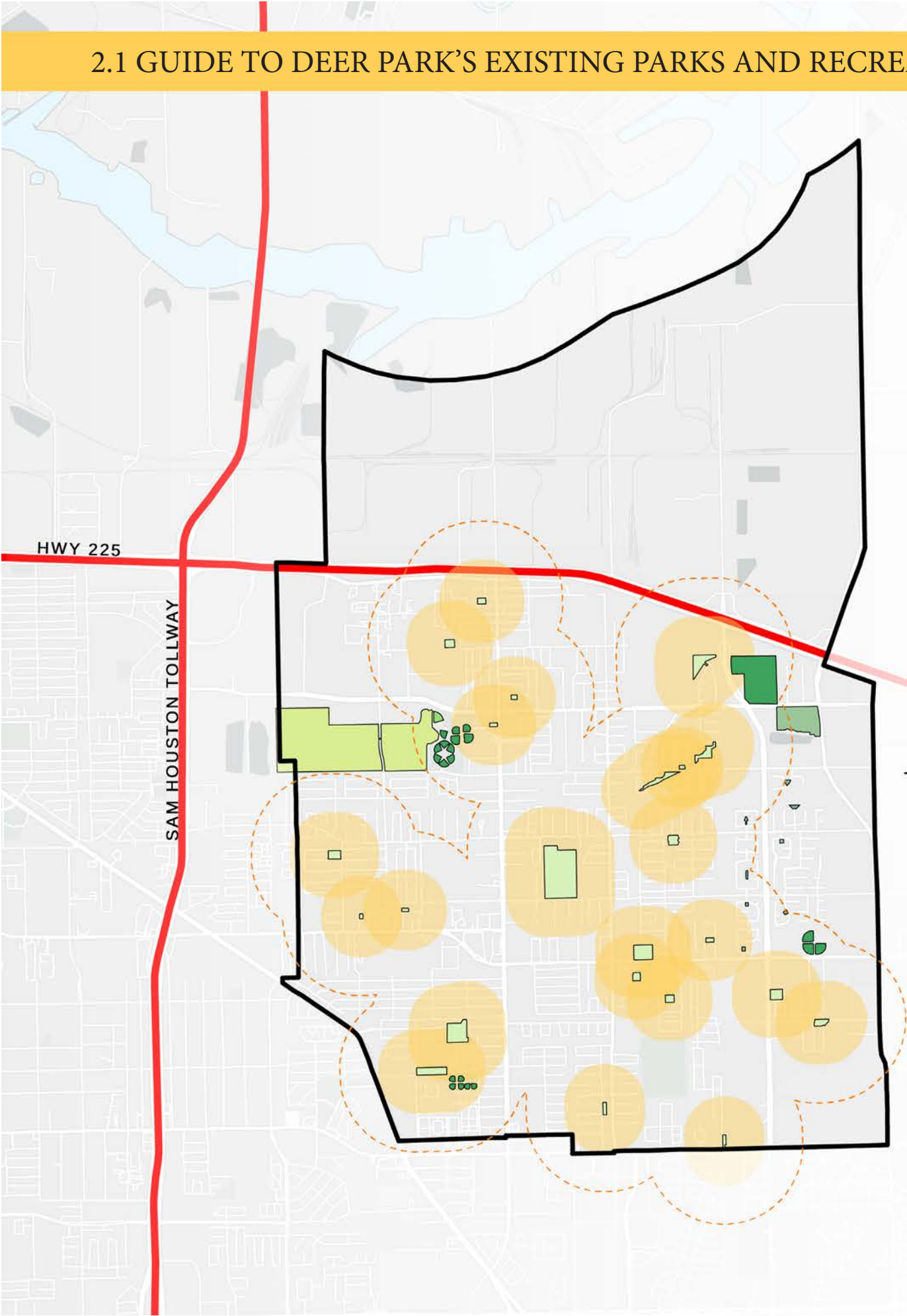
THEATER ARTS
PROGRAM

Since 1979, the Art Park Players have been one of Deer Park’s most vibrant community initiatives, bringing the joy of live theater to life with over 10 productions each year. What started as a small effort in theater education, with only six students, has now blossomed into a thriving program, the Jr. Art Park Players, which nurtures the talents of more than 250 young performers annually. This beloved program has become a creative hub, engaging the entire community and enriching Deer Park’s cultural landscape by fostering artistic expression and unity through its productions.

<https://4.files.edl.lba74/06/18/19/182716-1074236f-b1ce-4e9b-9e8f-00b1656cae1e.pdf>
<https://www.deerparktx.gov/1814/History-Awards>

II. INVENTORY AND EVALUATION OF EXISTING PARK & RECREATION FACILITIES

2.1 GUIDE TO DEER PARK’S EXISTING PARKS AND RECREATION



COMMITMENT TO RECREATION AND WELL-BEING

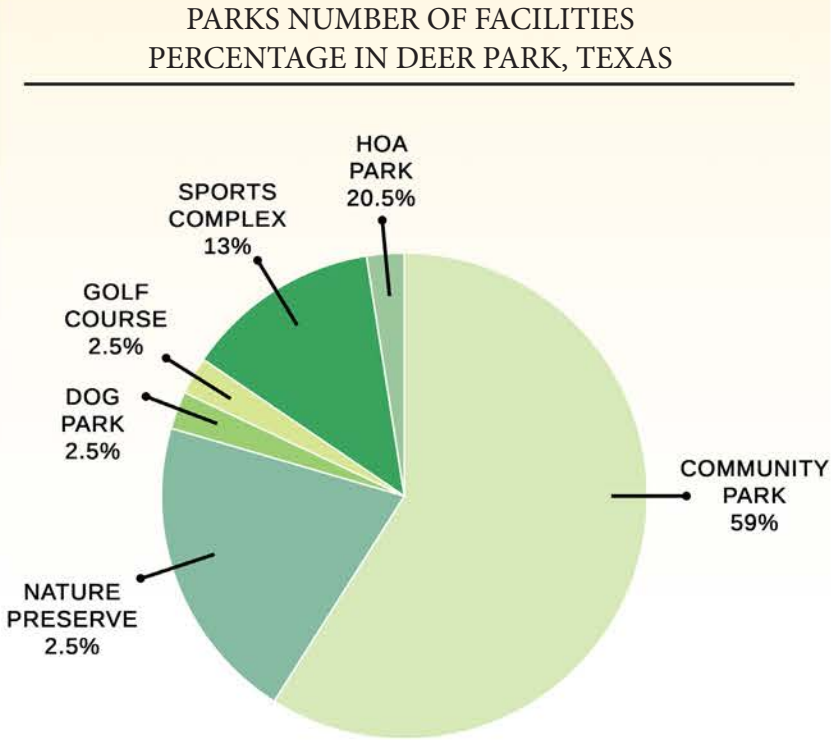
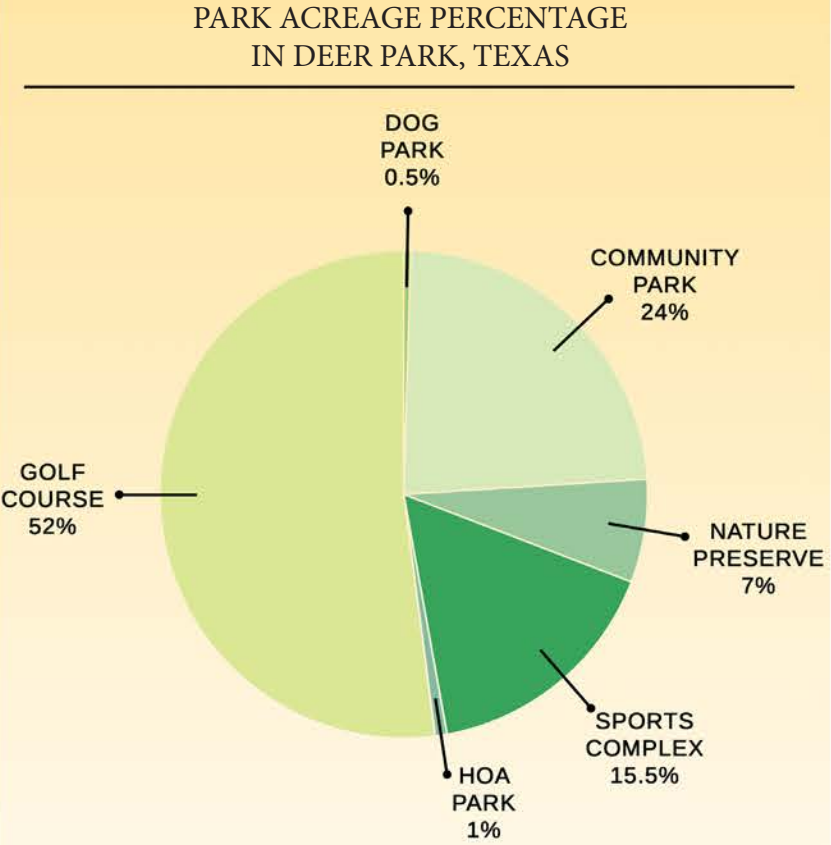
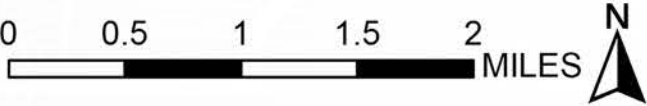
Deer Park takes great pride in its diverse parks and recreation system, catering to residents’ needs. From lively community parks to a dedicated dog park, prestigious golf course, and serene nature preserve, there’s something for everyone. These parks serve as vibrant community hubs, offering a range of activities for all ages. Designed with families in mind, the community parks feature top-notch play equipment, splash pads, and ample open spaces. Strategically located throughout the city, these parks ensure easy access for every neighborhood.

In line with the 2024-2034 vision, Deer Park is enhancing its offerings with a visionary plan. Hike and bike trails, weaving through existing right-of-ways, will connect parks, creating a unified recreational experience. This initiative promotes outdoor activities, fostering unity and a healthier lifestyle.

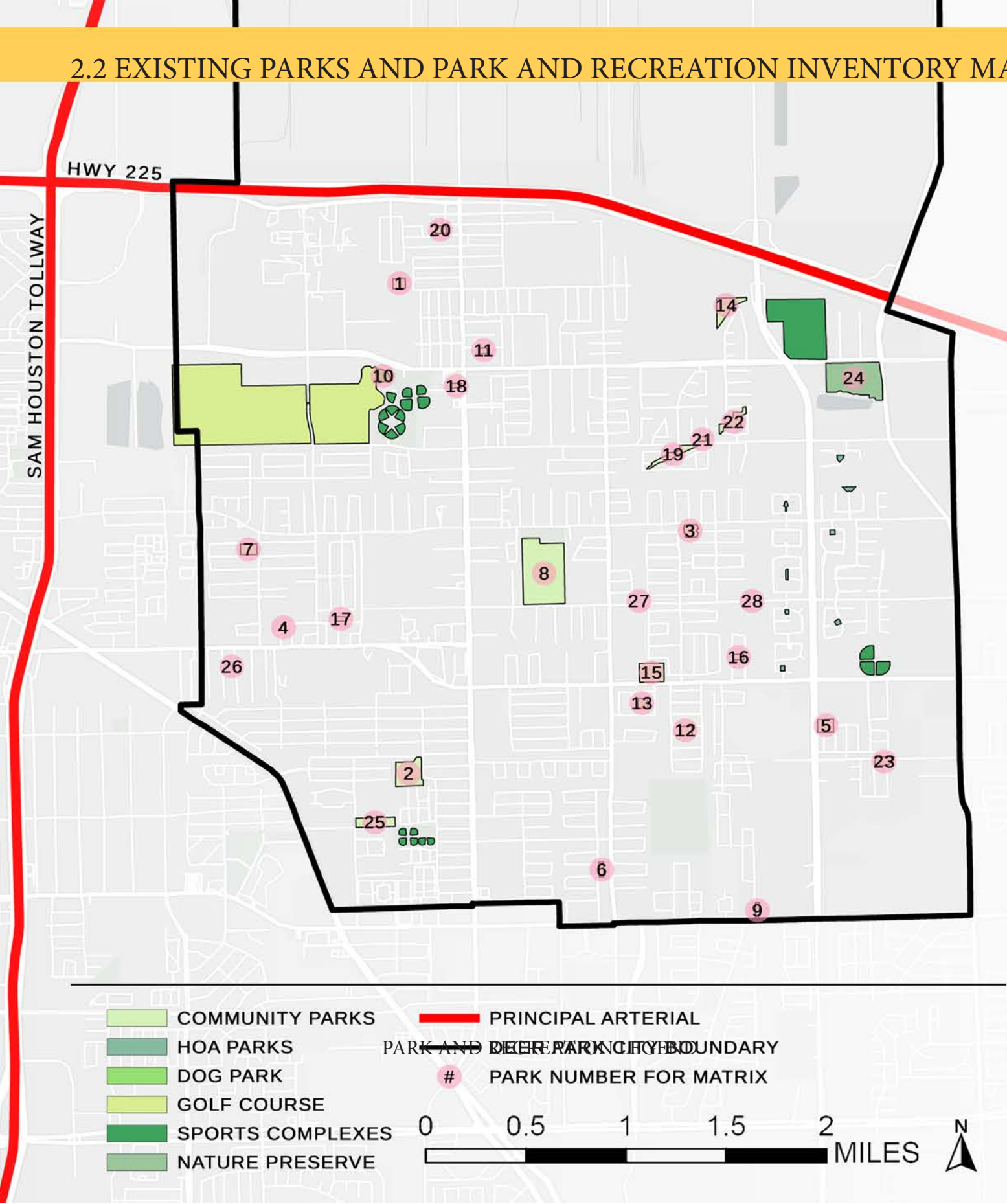
Deer Park’s commitment to recreation enhances residents’ quality of life, showcasing the city’s dedication to outdoor spaces and well-being. With these ongoing efforts, Deer Park continues to be a cherished place to live and play.

PARKS AND RECREATION LEGEND

- COMMUNITY PARKS
- HOA PARKS
- DOG PARK
- GOLF COURSE
- SPORTS COMPLEXES
- NATURE PRESERVE
- 10 MINUTE WALKING DISTANCE
- 5 MINUTE WALKING DISTANCE
- PRINCIPAL ARTERIAL
- DEER PARK CITY BOUNDARY



2.2 EXISTING PARKS AND PARK AND RECREATION INVENTORY MATRIX



MAP NUMBER	PARK NAME & ADDRESS	ACRES	BASKETBALL COURT	FITNESS EQUIPMENT	FREE W/IFI	PAVILION	MULTIPURPOSE OPEN SPACE	PARK LIGHTS	PICNIC TABLES	PLAYGROUND STRUCTURE	RESTROOMS	SPORTS FIELDS	TENNIS COURTS	VOLLEYBALL COURTS	BUTTERFLY GARDEN	RC PARK	DISC GOLF COURSE	WALKING TRAIL
1	Avon Park 601 W. 8th Street	3				•	•	•	•									0.14
2	Bayou Bend Park 4200 Kalwick Drive	8.12	•			•	•	•	•	•						•		0.26
3	Big Bend Park 1600 Big Bend Lane	2.03	•			•	•		•	•				•				0.17
4	Brookhollow Park 3117 Brookhollow Drive	0.7				•	•		•	•								
5	Brownwind Park 3901 Brownwind Trail	2.54	•				•		•	•				•				0.25
6	College Park 4615 College Park Drive	1	•			•	•	•	•	•						•		0.3
7	Deer Meadows Park 2500 Oklahoma Avenue	2.8	•	•		•	•	•	•	•			•					0.27
8	Dow Park 610 E. San Augustine	40		•	•	•	•	•	•	•	•	•	•					1
9	East Meadows Park 5000 E. Meadows Drive	0.8	•	•		•	•	•	•	•								0.11
10	Ella & Friends Dog Park 500 W. 13th Street	1.46			•	•	•	•	•									
11	McHenry Park 1201 Center Street	3.2		•	•	•	•		•									0.16
12	Monroe Park 1560 Monroe Street	1.6	•				•		•	•								
13	Nedith Park 3717 Nedith Lane	1.2	•				•	•	•	•								0.13
14	Park Green Park 1000 Wynfield Drive	5.1	•				•	•	•	•								0.3
15	Park Meadows Park 1414 South Parkway Drive	5	•			•	•	•	•	•				•				0.27
16	Parkside Place Park 3400 Surrey Lane	0.72	•				•	•	•	•								0.05
17	Parkview Park 1109 Brookhollow Drive	0.6					•			•								
18	Heritage Park\ Patrick's Cabin 1410 Center Street	0.6					•	•										
19	Runningbrook Park 1400 Comanche Street	3	•				•	•	•	•								0.33
20	Terrace Park 126 W. 3rd Street	1.1	•			•	•	•	•	•								
21	Tiffany Amber Park 1800 Brookamber Circle	1.1					•		•	•								0.07
22	Wynfield Park 1610 Wyngate Drive	3	•			•	•	•	•	•			•					0.26
23	Cottonwood Park 4215 Alta Lane	1.1				•	•		•	•								0.1
24	Deer Park Nature Preserve 2500 E. 13th Street	38												•				1.5
25	Glenwood Park 4413 Glenwood	4.35					•											
26	Destiny Park 3300 Chandler Lane	1.53					•											
27	P Street Detention Pond 1800 E. P Street	7.94					•											0.43
28	P-Street Right-of-Way 2600 E. P Street	7					•											
TOTALS		148.59	14	4	3	14	27	15	20	21	2	1	1	3	4	1	1	6.1

Note: Deer Park has acquired Ivy Oaks Park, which is 0.5 acres in size, including the following facilities: 2-5 play-ground structure, 1 spinner, 1 two-bay swing sets, 2 picnic shades with tables, 4 pieces of fitness equipment, 1 basket-ball court, and 1 trash can.

Evolution of Parkland Dedication Ordinances in Texas

2—11
Evolution of ordinances

To determine the status of parkland dedication ordinances in Texas, a survey was sent to all municipalities in Texas that were known to have public park amenities. Of the 117 cities contacted, 83 responded and 48 of those reported that they had parkland dedication ordinances. Copies of those ordinances can be viewed at www.rpts.tamu.edu/landdedication. The content of those 48 ordinances serves as the basis for this report.

The 83 cities that responded are listed in Table 1. Although some of these cities did not have parkland dedication ordinances, all did report their total parkland acreages. Most of the population data were provided by the cities’ park and recreation directors who responded to the survey. In the few instances where these data were not given, Census Bureau estimates of population were used. Table 1 shows the standard of park provision in acres per 1,000 population for these 83 cities.

Table 1. Acres of parkland per 1,000 population in 83 Texas cities.

City	Population	Total park acreage	Acres/1,000 residents
The Colony	36,000	1,925.00	53.47
Madsonville	4,159	200.00	48.09
Alvin	21,500	740.00	34.42
Grand Prairie	147,000	4,850.00	32.99
Grapevine	46,684	1,492.00	31.96
Southlake	24,900	644.10	25.87
Austin	656,562	16,862.00	25.68
Highland Village	14,500	354.00	24.41
Wichita Falls	104,000	2,300.00	22.12
Abilene	115,000	2,466.00	21.44
Beaumont	113,866	2,197.95	19.30
Brownwood	20,407	393.00	19.26
Lufkin	36,800	700.00	19.02
Cedar Park	45,000	847.00	18.82
Rowlett	53,000	994.00	18.75
Wylie	32,000	592.00	18.50
Dallas	1,200,000	21,500.00	17.92
Deer Park	30,000	527.00	17.57
League City	62,500	1,041.00	16.66
Rockwall	30,000	480.00	16.00
Mont Belvieu	2,500	40.00	16.00
Plano	240,000	3,800.00	15.83
Amarillo	182,462	2,880.00	15.78
Carrollton	116,500	1,793.00	15.39
Cedar Hill	43,500	653.75	15.03
Pflugerville	30,000	450.00	15.00

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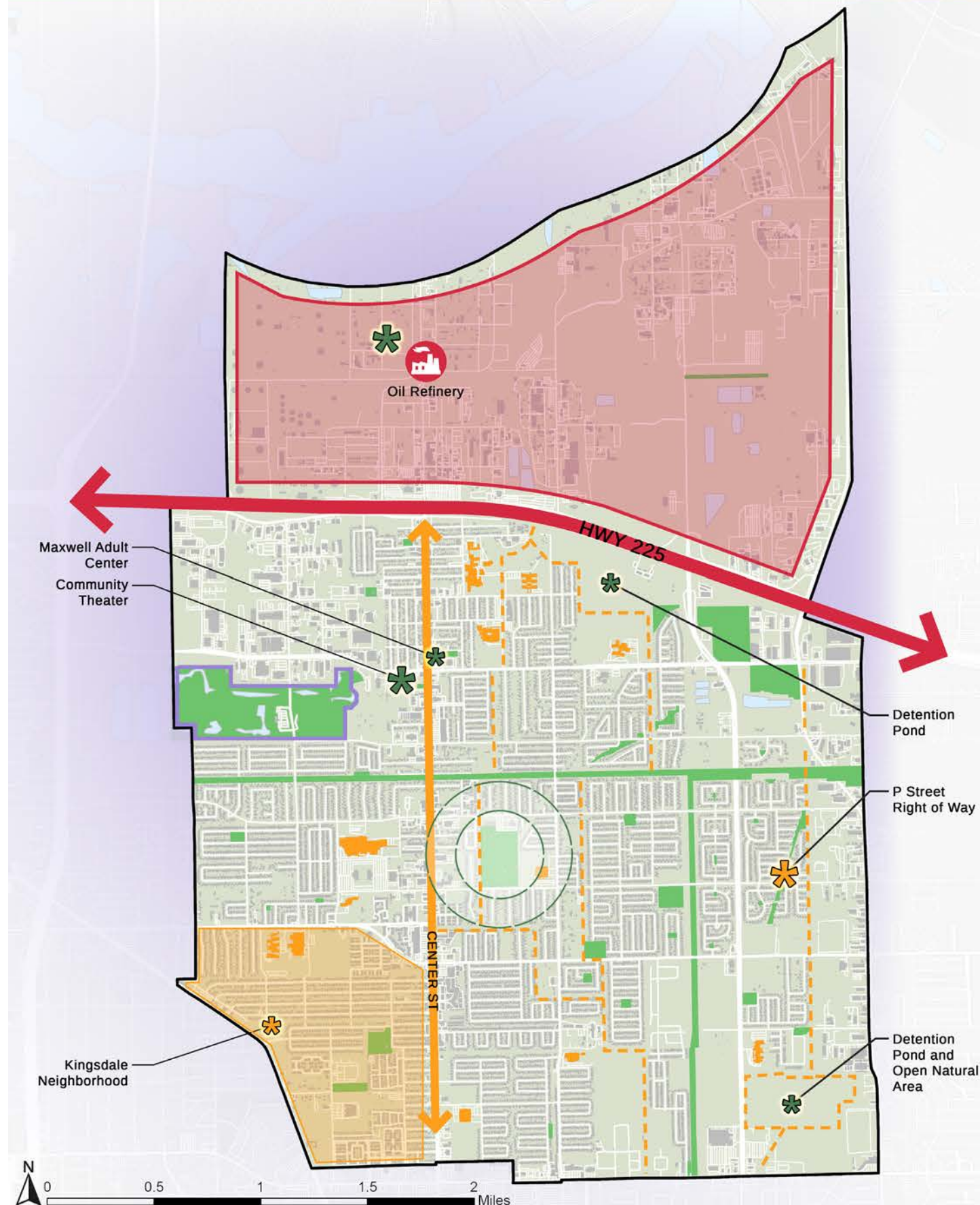
3—2
Constitutionalit

Overview of parkland dedication requirements in Texas cities

Table 5. Parkland dedication requirements in Texas cities.

City	Dwelling units		Current level of parkland provision		Land dedication requirements		Fee-in-lieu**	
	Population	#DU	Total park acreage	DU/acre	DU/acre	DU/acre multifamily	SDU	MDU
Alvin	21,500	8,442	740.00	11.41	100.00		\$300.00	\$-
Angleton	18,130	7,220	100.00	72.20	200.00		\$1,083.00	\$250.00
Austin	656,562	276,842	16,862.00	16.42	83.33		\$650.00	\$-
Bryan	72,015	25,703	580.00	44.32	74.00	90.00	\$162.00	\$133.00
Cedar Hill	43,500	11,075	653.75	16.94	133.00		\$250.00	\$-
Cedar Park	45,000	8,914	847.00	10.52	41.67		\$720.00	\$480.00
College Station	88,183	34,619	1,274.00	27.17	102.00	125.00	\$619.00	\$504
Colleyville	21,720	6,549	202.00	32.42	25.00		\$1,802.00	\$-
Corinth	18,000	4,100	179.00	22.91	50.00		\$-	\$-
Corpus Christi	293,122	107,831	1,586.46	67.97	NA		5% of total value	\$-
Deer Park	30,000	9,921	527.00	18.83	NA		5% of total value	\$-
Denton	105,000	32,716	1,158.00	28.25	170.21		market value	\$-
Edinburg	68,802	16,031	253.00	63.36	125.00		\$250.00	\$-
Flower Mound	60,450	16,833	575.00	29.27	29.76		market value	\$-
Frisco	89,000	13,683	1,300.00	10.53	100.00		\$300.00	\$-
Grapevine	46,684	16,486	1,492.00	11.05	145.20		\$1,416.00	\$-
Haltom	39,000	15,716	184.00	85.41	150.00		\$-	\$-
Highland Village	14,500	4,009	354.00	11.32	N/A		\$2,160.00	\$-
Houston	1,953,631	783,009	19,699.00	39.75	55.50		\$700.00	
Hutto	14,000	424	150.00	2.83	50.00		market value	
Keller	34,800	9,216	415.00	22.21	30.00	60.00	\$1,000.00	\$-
La Porte	33,500	11,720	188.00	62.34	93.00		\$490.00	\$-
League City	62,500	17,280	1,041.00	16.60	90.00		\$1,000.00	\$-
Leander	23,000	2,612	90.00	29.02	NA	10.54	\$550.00	\$-
Lewisville	89,000	31,764	1,100.00	28.88	33.00		\$750.00	\$-
McKinney	110,000	19,462	1,604.00	12.13	50.00		market value	\$-

2.4 SWOT ANALYSIS



STRENGTHS

Community Bond

- Strong community bond fostering city pride
- Strong relationship and pride between the industrial district and the city

Parks and Recreation

- Regularly used facilities
- Ongoing innovative renovations - City Hall, Community Center, and Parks and Rec Hub
- Nature Preserve process natural recreational space
- Dow Park functioning as a vibrant town center
- Excellent marketing and programming initiative to promote community engagement

Rich Historical Heritage

- Birthplace of Texas

Flood Mitigation

- Effective flooding infrastructure

Theater Department

- Offers community involvement from young children to senior adults

OPPORTUNITIES

Parks and Recreation Enhancements

- Expansion of hike/bike trails along right ways and along drainage corridors
- Addition of shade trees to walking trails, parks, and open spaces
- Renovations of existing park facilities - Kingsdale, Terrace, and Brownwind
- Creation of interactive parks for all ages

City Wide Infrastructure

- Wayfinding signage improvement building upon existing infrastructure
- Beautification of Center Street

Community Initiatives

- Establishment of a community gardens
- Promotion of active living through recreation programs geared toward adults

Deer Park ISD Relationship

- Support and enhance the educational programs and initiatives with neighboring schools

WEAKNESSES

Limited Expansion Opportunities

- Landlocked - restricted possibilities for expansion

Parking Challenges

- Insufficient parking facilities for parks

Accessibility Concerns

- Not all parks meet ADA standards
- Lack of inclusive accessibility features in Parks and Recreation facilities

Absence of Central Community Space

- Downtown Strip or Community Plaza

Underutilized Recreational Resources

- Golf Course usage limited - not heavily utilized by a diverse range of residents

THREATS

Industrial District

- Man-made environment
- Aesthetic quality

Traffic Congestion and Noise Pollution

- Highway 225
- Sam Houston Tollway

Natural Disaster Vulnerability

- Exposure to hurricanes, floods, and tornadoes

Public Transit

- No available public transportation within the city limits

III. COMMUNITY PARK AND RECREATION NEEDS ASSESSMENT

3.1 COMMUNITY PARK AND RECREATION NEEDS ASSESSMENT -SURVEY METHOD

SURVEY METHOD

The Parks and Recreation Community Needs Assessment Survey was designed to gather community feedback and evaluate the use patterns, unmet needs, and future park and facility plans to promote health and well-being. Survey mode included both web and paper surveys. The survey frame encompassed all adult residents with a valid address in the City of Deer Park. The survey link and QR code were widely distributed through city utility bills, and the Parks and Recreation Department newsletters and email Listserv. Additionally, to ensure inclusivity and cater to those who prefer physical questionnaires, paper copies of the survey were distributed within the community with return postage paid.

The survey was structured into four sections, each designed to capture essential information on different aspects. These sections included questions on the usage patterns of parks and recreational facilities, the types of outdoor activities residents engage in and their health conditions, children’s recreational activities and parents’ perceptions and concerns, and a variety of sociodemographic factors. Designed to be user-friendly, the entire survey could be completed in approximately 15 minutes.

Upon closing the survey, a robust number of responses were collected. The data underwent a rigorous cleaning process to remove any entries from web bots, duplicate submissions, and incomplete responses. After this thorough filtration, a total of 464 valid responses remained, all from residents of Deer Park.

The analysis of these responses was comprehensive, with results compiled in tabular format and presented visually with infographics. The results were used in the development of Park, Recreation, and Open Space Plan.

Section I. Your Visit to Parks and Recreation Facilities

1. The following questions are about your visits to local park/recreation facilities. These questions help us understand how they are currently being used and gather residents' concerns and suggestions about them.

For any facilities, if you answer "N" for the question "I visited before", please skip the rest of the questions in the same row.

Parks/recreation facilities	Visited before	How frequent do you visit this park/facility?	Who are you usually with when you visit this park/facility? (Check ALL that apply)
Adult Softball Complex	<input type="radio"/> Y <input type="radio"/> N	<input type="radio"/> > 1 visit/week <input type="radio"/> 1-3 times/month <input type="radio"/> < 1 visit/month	<input type="checkbox"/> Spouse <input type="checkbox"/> Children <input type="checkbox"/> Other family <input type="checkbox"/> Friends
Battleground Golf Course	<input type="radio"/> Y <input type="radio"/> N	<input type="radio"/> > 1 visit/week <input type="radio"/> 1-3 times/month <input type="radio"/> < 1 visit/month	<input type="checkbox"/> Spouse <input type="checkbox"/> Children <input type="checkbox"/> Other family <input type="checkbox"/> Friends
Bayou Bend Park	<input type="radio"/> Y <input type="radio"/> N	<input type="radio"/> > 1 visit/week <input type="radio"/> 1-3 times/month <input type="radio"/> < 1 visit/month	<input type="checkbox"/> Spouse <input type="checkbox"/> Children <input type="checkbox"/> Other family <input type="checkbox"/> Friends

Big Bend Park	<input type="radio"/> Y
Brookhollow Park	<input type="radio"/> Y
Browerwind Park	<input type="radio"/> Y
College Park	<input type="radio"/> Y
Deer Meadows Park	<input type="radio"/> Y
Destiny Park	<input type="radio"/> Y
Dow Park	<input type="radio"/> Y
East Meadows Park	<input type="radio"/> Y
Ella and Friends Dog Park	<input type="radio"/> Y
Kingsdale Activity Center	<input type="radio"/> Y
Manschen Athletic Complex	<input type="radio"/> Y
Monroe Park	<input type="radio"/> Y
Nedith Park	<input type="radio"/> Y
P Street Detention Pond	<input type="radio"/> Y
P Street Right-of-Way	<input type="radio"/> Y

Park Green	<input type="radio"/> Y <input type="radio"/> N	<input type="radio"/> > 1 visit/week <input type="radio"/> 1-3 times/month <input type="radio"/> < 1 visit/month	<input type="checkbox"/> Spouse <input type="checkbox"/> Children <input type="checkbox"/> Other family <input type="checkbox"/> Friends
Park Meadows Park	<input type="radio"/> Y <input type="radio"/> N	<input type="radio"/> > 1 visit/week <input type="radio"/> 1-3 times/month <input type="radio"/> < 1 visit/month	<input type="checkbox"/> Spouse <input type="checkbox"/> Children <input type="checkbox"/> Other family <input type="checkbox"/> Friends
Parkside Place Park	<input type="radio"/> Y <input type="radio"/> N	<input type="radio"/> > 1 visit/week <input type="radio"/> 1-3 times/month <input type="radio"/> < 1 visit/month	<input type="checkbox"/> Spouse <input type="checkbox"/> Children <input type="checkbox"/> Other family <input type="checkbox"/> Friends
Parkview Park	<input type="radio"/> Y <input type="radio"/> N	<input type="radio"/> > 1 visit/week <input type="radio"/> 1-3 times/month <input type="radio"/> < 1 visit/month	<input type="checkbox"/> Spouse <input type="checkbox"/> Children <input type="checkbox"/> Other family <input type="checkbox"/> Friends
Running Brook Park	<input type="radio"/> Y <input type="radio"/> N	<input type="radio"/> > 1 visit/week <input type="radio"/> 1-3 times/month <input type="radio"/> < 1 visit/month	<input type="checkbox"/> Spouse <input type="checkbox"/> Children <input type="checkbox"/> Other family <input type="checkbox"/> Friends
Spencerview Athletic Complex	<input type="radio"/> Y <input type="radio"/> N	<input type="radio"/> > 1 visit/week <input type="radio"/> 1-3 times/month <input type="radio"/> < 1 visit/month	<input type="checkbox"/> Spouse <input type="checkbox"/> Children <input type="checkbox"/> Other family <input type="checkbox"/> Friends
Terrace Park	<input type="radio"/> Y <input type="radio"/> N	<input type="radio"/> > 1 visit/week <input type="radio"/> 1-3 times/month <input type="radio"/> < 1 visit/month	<input type="checkbox"/> Spouse <input type="checkbox"/> Children <input type="checkbox"/> Other family <input type="checkbox"/> Friends
Tiffany Amber Park	<input type="radio"/> Y		
Wynfield Park	<input type="radio"/> Y		
Youth Sports Complex	<input type="radio"/> Y		

2. Please provide the street intersection all information collected on this survey.

3. How do you usually travel to the park?
☐ Walk ☐ Bike ☐ Other

4. How long do you usually spend at the park?
☐ < 30 minutes ☐ 30-60 minutes ☐ More than 60 minutes

5. What are your main purposes for visiting the park?
☐ To enjoy the weather and get some exercise
☐ To relax and reduce stress
☐ To learn about nature and wildlife
☐ To visit the nature play area
☐ To spend time together with family or friends
☐ Other, please specify: _____

6. What park facilities/programs would you like to see more in Deer Park?
☐ Walking or hiking trails
☐ Sports fields or outdoor exercise equipment
☐ Areas for passive recreation
☐ Gardens
☐ Lawns
☐ Trees or more canopy cover
☐ Art and cultural installations
☐ Playgrounds
☐ Landmarks and unique signage

7. How do you usually find out about park events?
☐ Member or listserv notices
☐ Park & Recreation brochures
☐ Google or other search engines
☐ Park & Recreation website
☐ Park & Recreation brochures

8. Please provide any suggestions about the park.

9. Please rate the following based on your experience with Deer Park:
• Overall number and variety of parks
• Overall quality of parks/facilities in the city
• Overall number and variety of recreational programs
• Accessibility of parks/facilities
• Scenic beauty of parks/facilities
• Maintenance of parks/facilities

- ☐ Community events
- ☐ Sports and fitness programs, classes, and tournaments
- ☐ Aquatic programs
- ☐ Nature and environmental education
- ☐ Arts, crafts, acting, and dancing events
- ☐ Food trucks and concessions
- ☐ Camps and activities for children
- ☐ Senior programs
- ☐ Seasonal and festive events

Section II. Your Outdoor Activities and Quality of Life

1. How many total hours per week do you usually spend on the following activities?

Total time outdoors _____ hrs
Spend time in your front/back yard _____ hrs
Spend time on neighborhood streets _____ hrs
Spend time in parks, open fields, or wooded areas? _____ hrs
Total time doing physical activity? _____ hrs
Total time doing moderate to vigorous physical activity (e.g., brisk walking, riding bikes, playing active games, running, sports)? _____ hrs

2. The following questions are about your well-being during the past 30 days.
- Would you say that in general your health is: ☐ Excellent ☐ Very good ☐ Good ☐ Fair ☐ Poor
 - Now thinking about your physical health, how would you rate it? ☐ Excellent ☐ Very good ☐ Good ☐ Fair ☐ Poor
 - Now thinking about your mental health, how would you rate it? ☐ Excellent ☐ Very good ☐ Good ☐ Fair ☐ Poor
 - For about how many days did you feel that your health was not good? _____ Number of days: _____
 - For about how many days did you feel that your health was not good? _____ Number of days: _____
 - For about how many days did you feel that your health was not good? _____ Number of days: _____
 - For about how many days did you feel that your health was not good? _____ Number of days: _____
 - For about how many days did you feel that your health was not good? _____ Number of days: _____
 - For about how many days did you feel that your health was not good? _____ Number of days: _____

3. The following questions are about your child's outdoor activities.

I am very attached to Deer Park
I identify strongly with Deer Park
I have a lot of fond memories of Deer Park
Deer Park is the best place for what I like to do
No other place can compare to Deer Park
Doing my activities in Deer Park is more enjoyable than doing them in any other place

4. Do you have a child or children aged 6-17 years?
☐ Yes ☐ No

5. The following is a list of things that may be a problem in the past week, how much of a problem is it for you?
- ☐ Walking
 - ☐ Running
 - ☐ Participating in sports activity or exercise
 - ☐ Lifting something heavy
 - ☐ Doing chores, like packing up his/her toys
 - ☐ Feeling afraid or scared
 - ☐ Feeling sad or blue
 - ☐ Feeling angry
 - ☐ Worrying about what will happen
 - ☐ Playing with other children
 - ☐ Other children not wanting to play with him/her
 - ☐ Getting teased by other children
 - ☐ Paying attention in class
 - ☐ Forgetting things related to school
 - ☐ Keeping up with schoolwork

Section III. Your Children's Outdoor Activities

The following questions are about your child, his/her pattern of outdoor play, and your perceived benefits and concerns. This section helps us understand how the parks and facilities are serving children and enables us to plan for the health and well-being of our next generation.

1. How old is your child? (If you have multiple children who are aged 6-17 years, please answer all questions in Section II based on the one child with the most recent birthday.)
☐ 6-8 years ☐ 9-11 years ☐ 12-14 years ☐ 15-17 years

2. What's your child's gender?
☐ Male ☐ Female ☐ Prefer not to answer

3. How many total hours per week does your child usually spend on the following activities?

Total time outdoors _____ hrs
Spend time in your front/back yard _____ hrs
Spend time on neighborhood streets _____ hrs
Spend time in parks, open fields, or wooded areas? _____ hrs
Total time doing physical activity? _____ hrs
Total time doing moderate to vigorous physical activity? _____ hrs

4. The following is a list of things that may be a problem in the past week, how much of a problem is it for you?

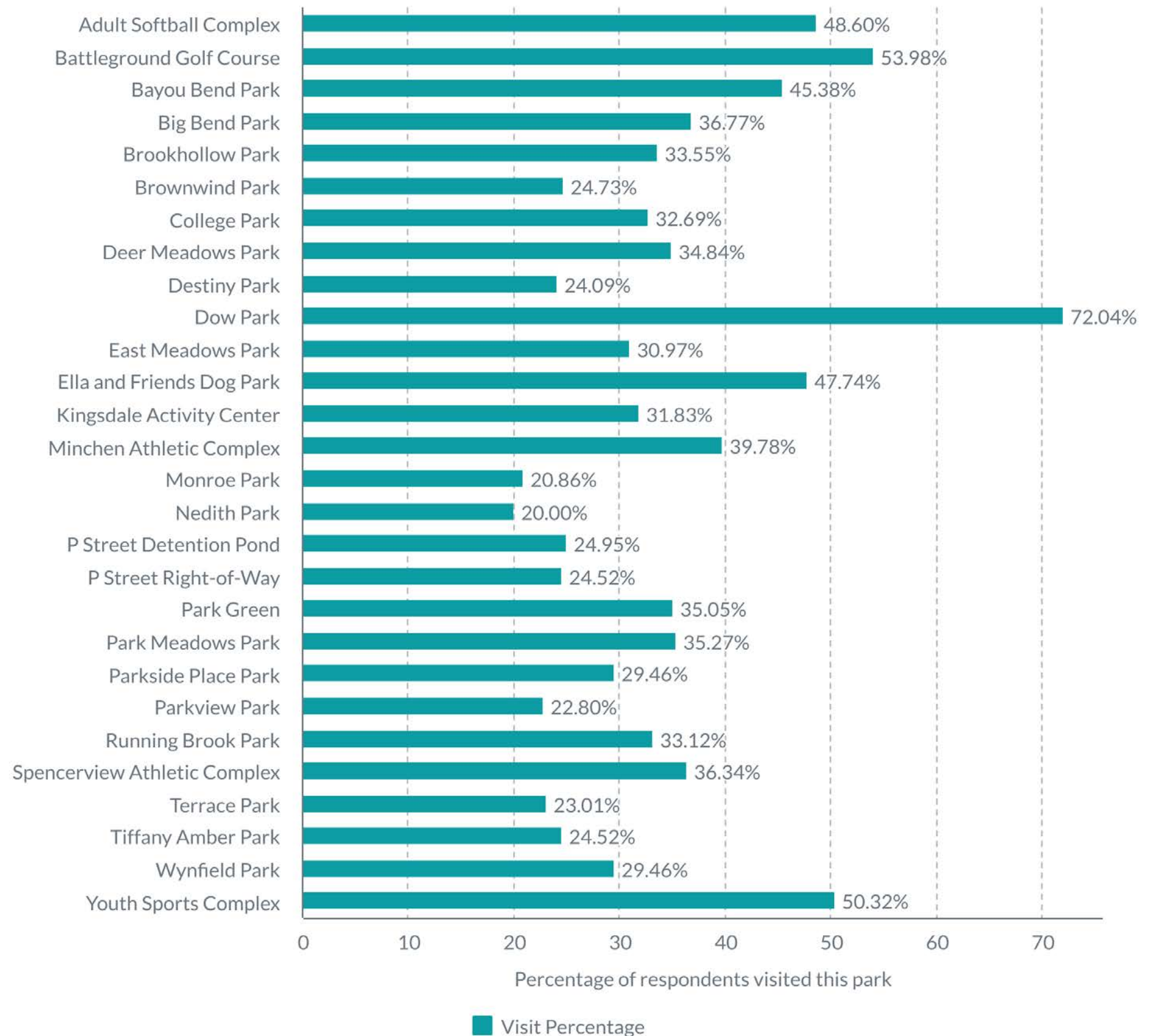
- ☐ Walking
- ☐ Running
- ☐ Participating in sports activity or exercise
- ☐ Lifting something heavy
- ☐ Doing chores, like packing up his/her toys
- ☐ Feeling afraid or scared
- ☐ Feeling sad or blue
- ☐ Feeling angry
- ☐ Worrying about what will happen
- ☐ Playing with other children
- ☐ Other children not wanting to play with him/her
- ☐ Getting teased by other children
- ☐ Paying attention in class
- ☐ Forgetting things related to school
- ☐ Keeping up with schoolwork

	1 Strongly Disagree	2 Somewhat Disagree	3 Slightly Disagree	4 Slightly Agree	5 Somewhat Agree	6 Strongly Agree
Playing outside encourages too much aggressive behavior	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
All playgrounds should contain natural element	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Playing outside would be good for my child's health	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
There is too much crime for my child to play outside	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I think my child should go on nature hikes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Playing outside is a wasteful way for children to spend their free time	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
My neighborhood is safe enough for children to play outside	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I would let my child walk in the rain even if they got wet	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
My child gets too dirty when playing outside	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I am afraid my child may be harmed by strangers outside	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Spending time outdoors is a meaningful family activity	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I worry that my child will be hurt by gangs if he/she plays outside	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
My child's learning can be stimulated by outdoor play	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Playing outside hurts my child's school grades	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Playing outdoors is a good way to improve hand-eye coordination	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other children in my neighborhoods are safe for my child to play around	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Children who play outdoors gain confidence	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I allow my child to have a wide range of recreational outdoor activities from which to choose	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I feel that outdoor play interferes too much with my child's homework time	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
My child is easier to manage after spending time outside	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I am afraid my child may be abducted outdoors	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I let my child make mud pies	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Taking part in outdoor recreation improves my child's communication skills	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Outdoor activities over stimulate my child	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Taking part in outdoor activities helps to build up my child's level of independence	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I would let my child play in a sand box	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Outdoor activities are a good way for my child to make friends	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Participating in outdoor play is a good way for my child to get exercise	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

3.2 SURVEY RESULTS - PARK VISITATION PATTERN

WHICH PARKS/FACILITIES HAVE YOU VISITED?

On average, each park/facility has been visited by 34.5% of the residents. The top visited parks are Dow Park, Battleground Golf Course, and Youth Sports Complex. Smaller neighborhood parks are relatively less visited compared to city-level park and sports complexes.



3.2 SURVEY RESULTS - PARK VISITATION PATTERN (Continued)

HOW OFTEN DO YOU VISIT THE PARKS/FACILITIES AND WHO ARE YOU WITH?

For Dow Park, while some visitors go to parks only occasionally, around one-third are frequent visitors.

While visiting with spouse or children are popular for parks, the Battleground Golf Course, Softball Complex, and Kingsdale Activity Center accommodate visits with friends.

NAMES OF PARKS AND FACILITIES

DOW PARK



BATTLEGROUND GOLF COURSE



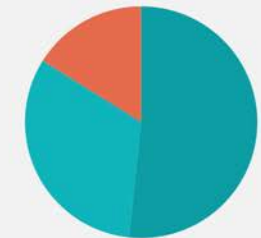
SOFTBALL COMPLEX



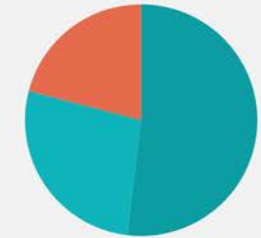
KINGSDALE ACTIVITY CENTER



HOW OFTEN DO YOU VISIT THE PARKS/FACILITIES?



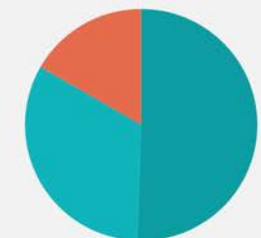
Once per month or less (51.72%)
2-3 times per month (32.18%)
Once per week or more (16.09%)



Once per month or less (51.97%)
2-3 times per month (27.07%)
Once per week or more (20.96%)



Once per month or less (49.78%)
2-3 times per month (32.31%)
Once per week or more (17.9%)



Once per month or less (50.57%)
2-3 times per month (32.76%)
Once per week or more (16.67%)

WHO DO YOU VISIT THE PARKS/FACILITIES WITH?



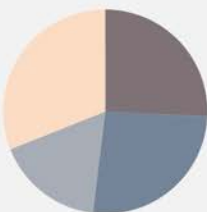
With spouse (30.1%)
With children (32.11%)
With other family members (17.89%)
With friends (19.9%)



With spouse (27.59%)
With children (22.99%)
With other family members (11.49%)
With friends (37.93%)



With spouse (31.58%)
With children (27.78%)
With other family members (8.19%)
With friends (32.46%)



With spouse (25.76%)
With children (26.2%)
With other family members (17.03%)
With friends (31%)

3.2 SURVEY RESULTS - PARK VISITATION PATTERN (Continued)

HOW OFTEN DO YOU VISIT THE PARKS/FACILITIES AND WHO ARE YOU WITH?

The four neighborhood parks exhibit similar visit patterns: most residents report visiting them once per month or less, and the majority of visits are accompanied by children or spouses.

NAMES OF PARKS AND FACILITIES

BAYOU BEND PARK



DEER MEADOWS PARK



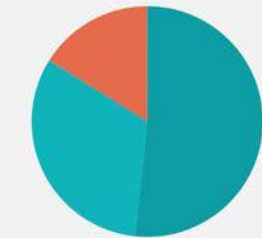
PARK MEADOWS PARK



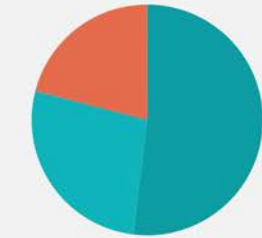
NEDITH PARK



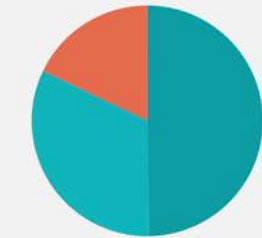
HOW OFTEN DO YOU VISIT THE PARKS/FACILITIES?



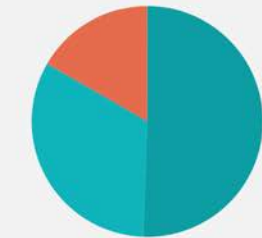
Once per month or less (51.72%)
2-3 times per month (32.18%)
Once per week or more (16.09%)



Once per month or less (51.97%)
2-3 times per month (27.07%)
Once per week or more (20.96%)



Once per month or less (49.78%)
2-3 times per month (32.31%)
Once per week or more (17.9%)



Once per month or less (50.57%)
2-3 times per month (32.76%)
Once per week or more (16.67%)

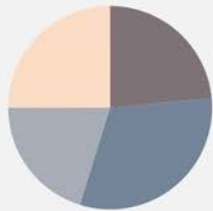
WHO DO YOU VISIT THE PARKS/FACILITIES WITH?



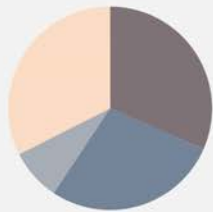
With spouse (32.22%)
With children (37.5%)
With other family members (11.11%)
With friends (19.17%)



With spouse (29.03%)
With children (32.58%)
With other family members (18.06%)
With friends (20.32%)



With spouse (23.56%)
With children (31.25%)
With other family members (20.19%)
With friends (25%)

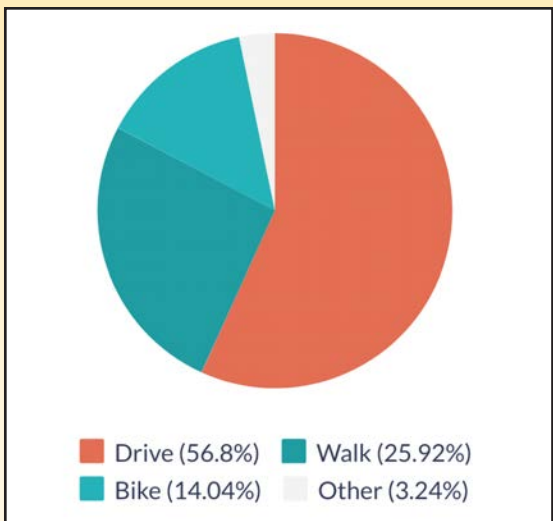


With spouse (31.58%)
With children (27.78%)
With other family members (8.19%)
With friends (32.46%)

3.2 SURVEY RESULTS- PARK VISITATION PATTERN (Continued)

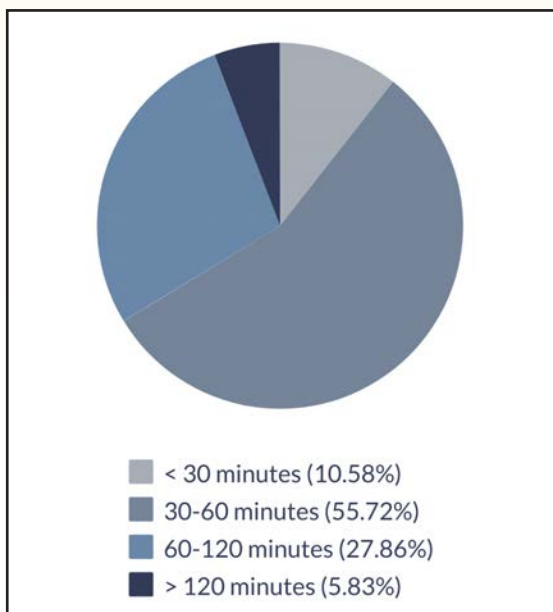
HOW DO YOU USUALLY TRAVEL TO THESE PARK/FACILITIES?

The majority of residents drive and a quarter of them walk to the parks and facilities. A small number of them bike, run, or use other means of transportation.



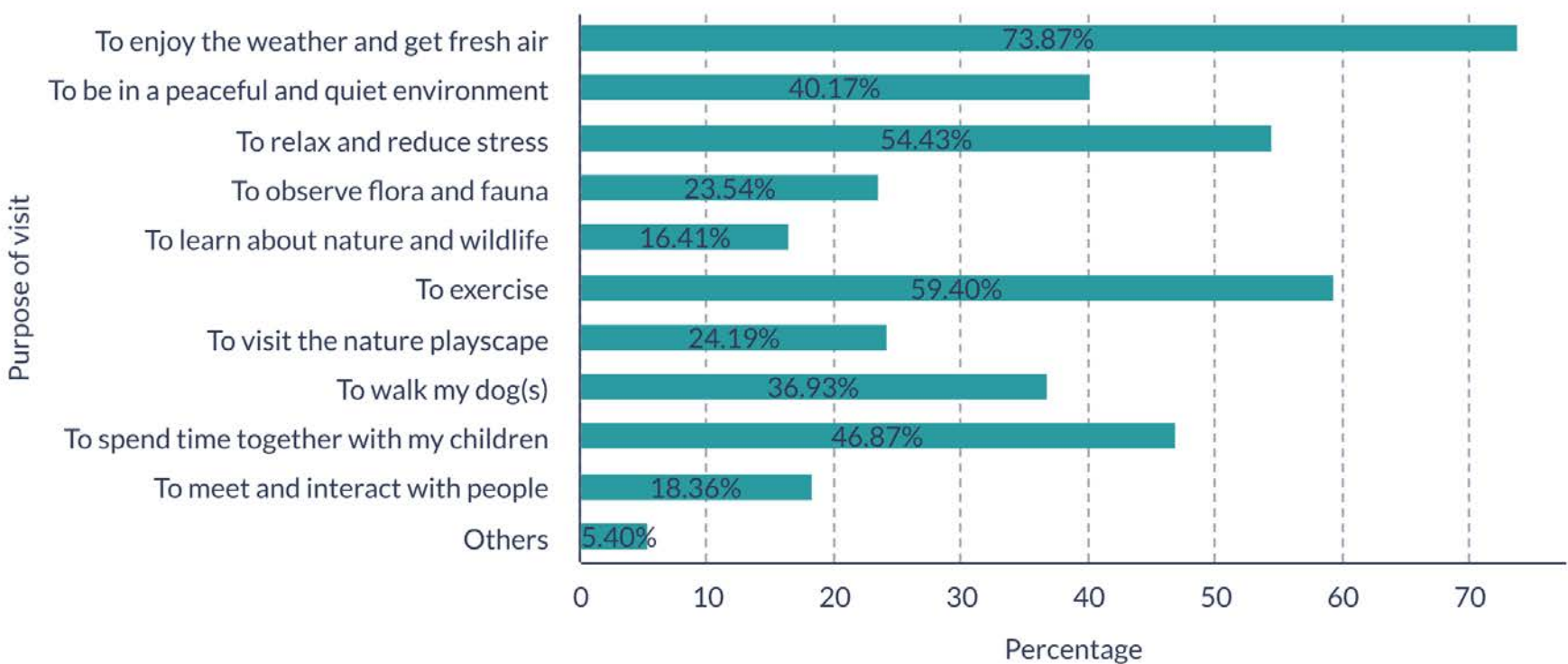
HOW LONG DO YOU USUALLY SPEND IN THESE PARKS/FACILITIES?

The majority of residents spend 30 to 60 minutes in parks or recreational facilities, followed by 60 to 120 minutes and less than 30 minutes.



WHAT ARE YOUR MAIN PURPOSES OF VISITS?

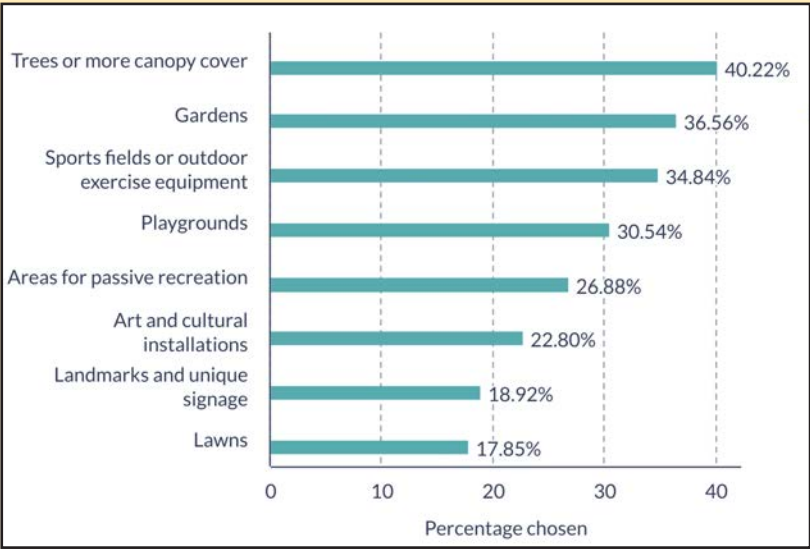
Residents are motivated to visit these parks and facilities to enjoy fresh air, exercise, and relax and reduce stress. Other frequently selected purposes are spending time in a peaceful environment, spending time with children, and walking dog(s).



3.2 SURVEY RESULTS - SATISFACTION AND DEMANDS IN PARKS AND RECREATION

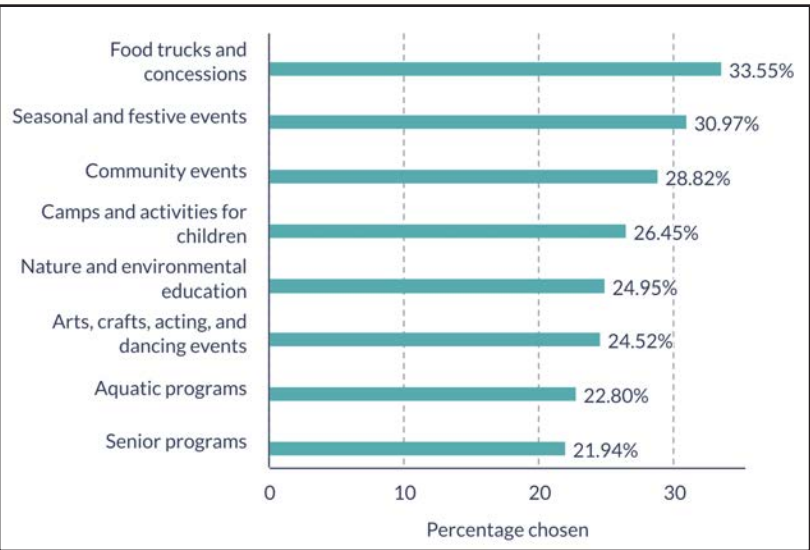
WHAT FACILITIES OR PROGRAMS
WOULD YOU LIKE TO SEE MORE?

Trees and more canopy cover appeared as the top desired feature, followed by gardens, sports equipment, and playgrounds.



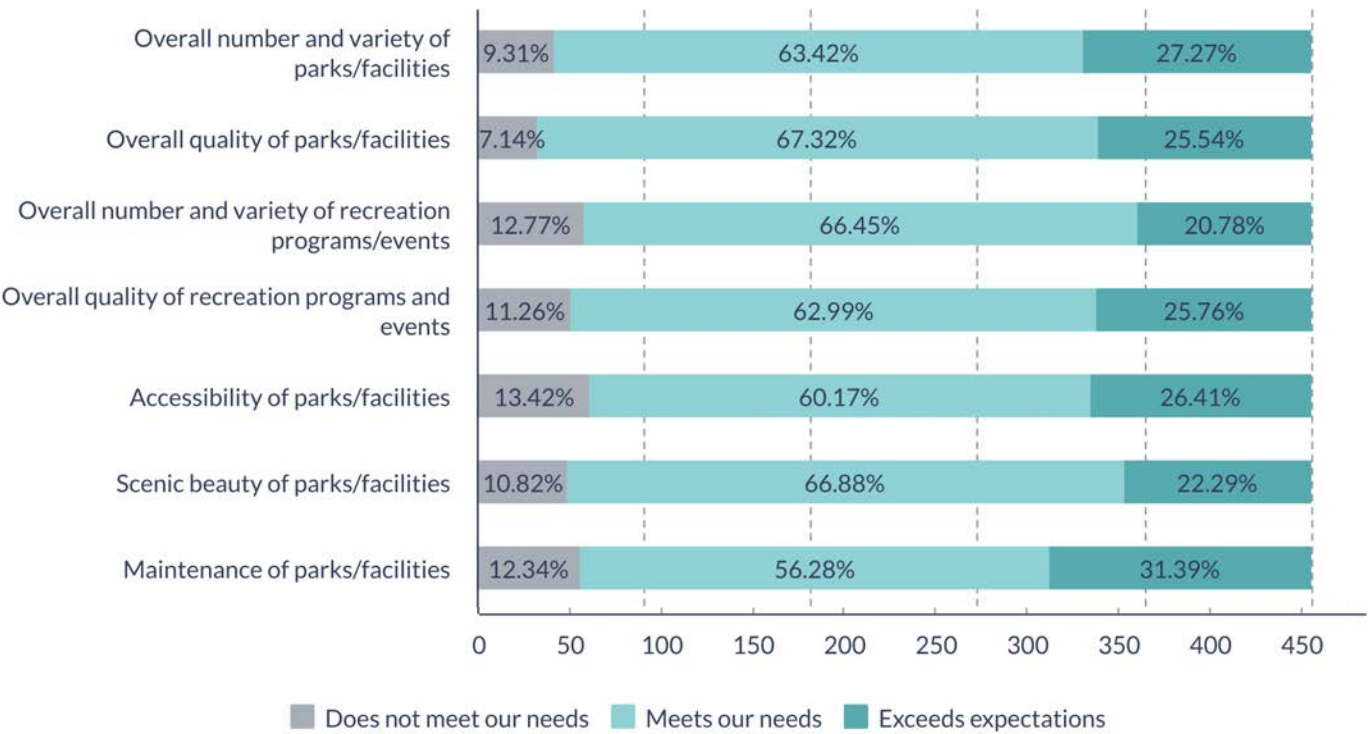
WHAT FACILITIES OR PROGRAMS
WOULD YOU LIKE TO SEE MORE?

Regarding programs, residents would like more food trucks, seasonal events, community events, and camps for children.



WHAT’S YOUR OVERALL ASSESSMENT OF THE QUANTITY, QUALITY, ACCESSIBILITY, BEAUTY, AND MAINTENANCE OF DEER PARK’S PARKS AND FACILITIES?

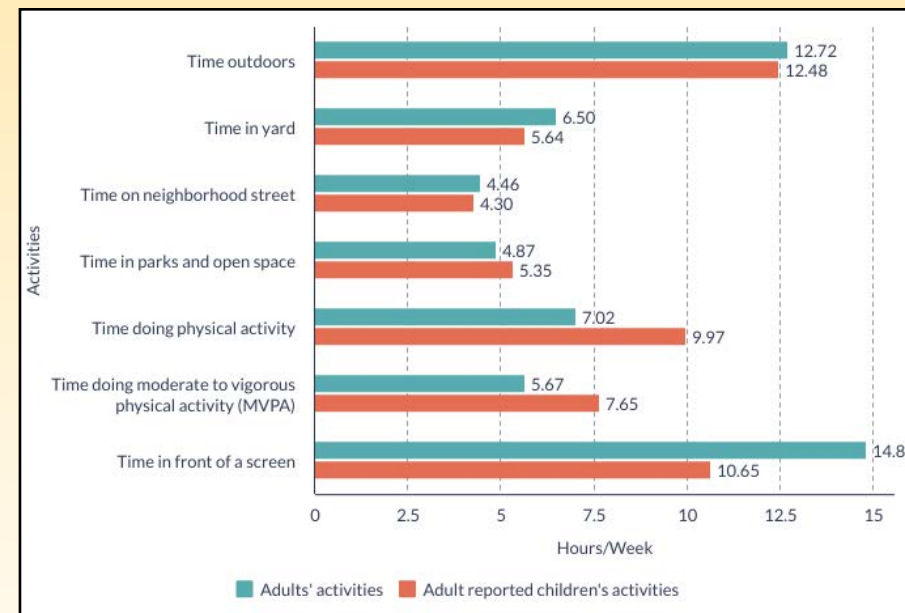
Residents’ gave very high ratings to all questions. More than 90% report the quantity and quality of parks/facilities meet or exceed their expectations. More than 85% were satisfied with the number and variety of programs and events. Ratings for the accessibility, scenic beauty, and maintenance were consistently high.



3.2 SURVEY RESULTS- ADULTS AND CHILDREN'S OUTDOOR ACTIVITIES AND HEALTH

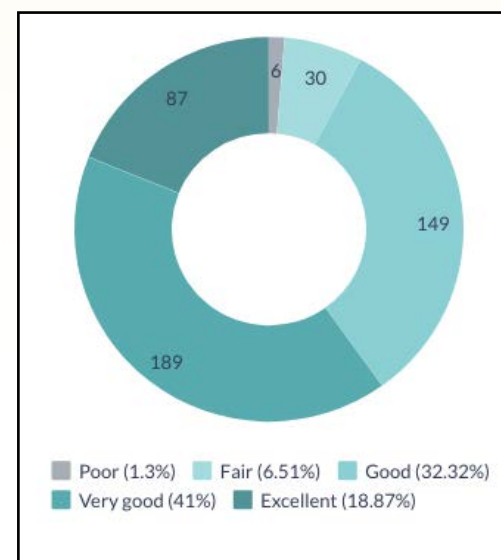
HOW MANY HOURS DID YOU SPEND ON PHYSICAL ACTIVITIES VS. SCREENS?

Residents reported spending approximately 13 hours per week outdoors, six hours conducting moderate to vigorous physical activity, and 15 hours of screen time. Parents reported that their children spend an average of 12 hours outdoors and 11 hours of screen time.



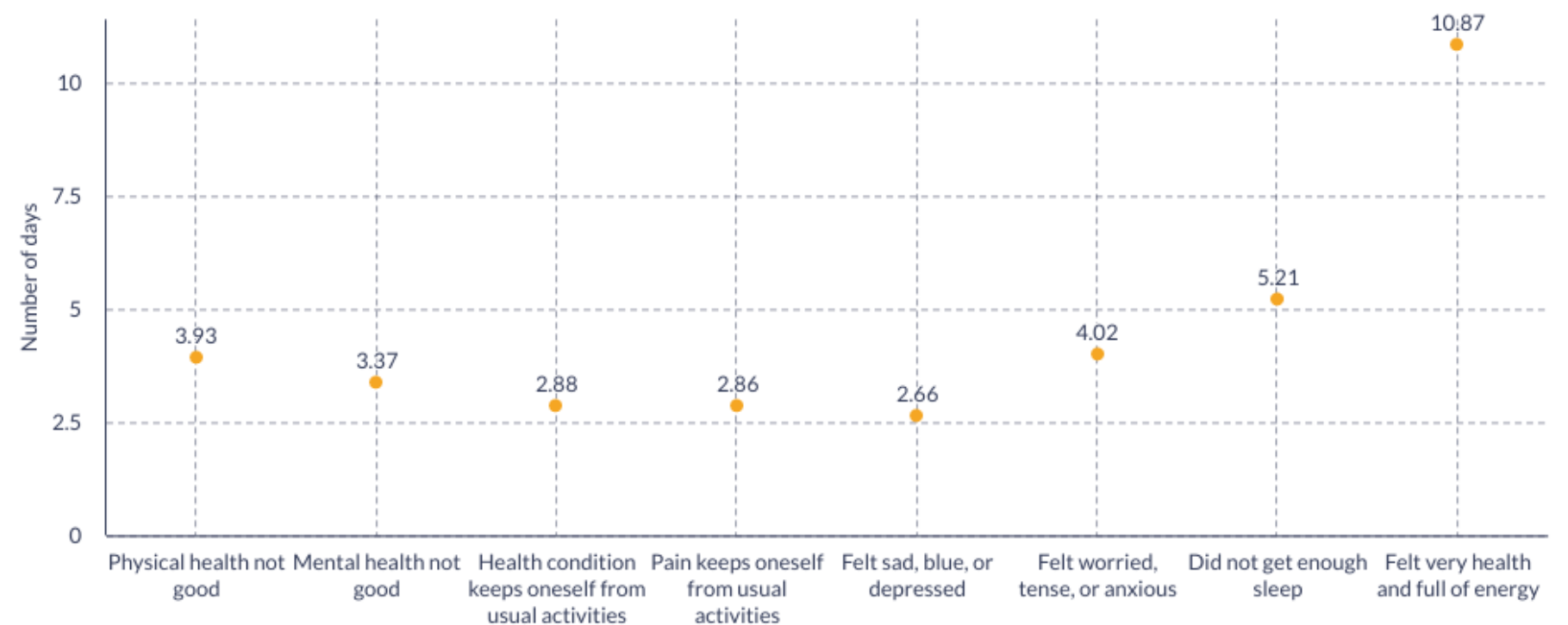
WHAT IS YOUR OVERALL HEALTH?

The majority of respondents reported “good” to “very good” overall health. Only one percent reported “poor” health.



HOW MANY DAYS DID YOU EXPERIENCE THE FOLLOWING CONDITIONS?

On average, respondents reported good physical health and mental health, demonstrated by very few average days of physical or mental health issues. For example, the average number of days when one's mental health was not good was approximately 3 out of 30.

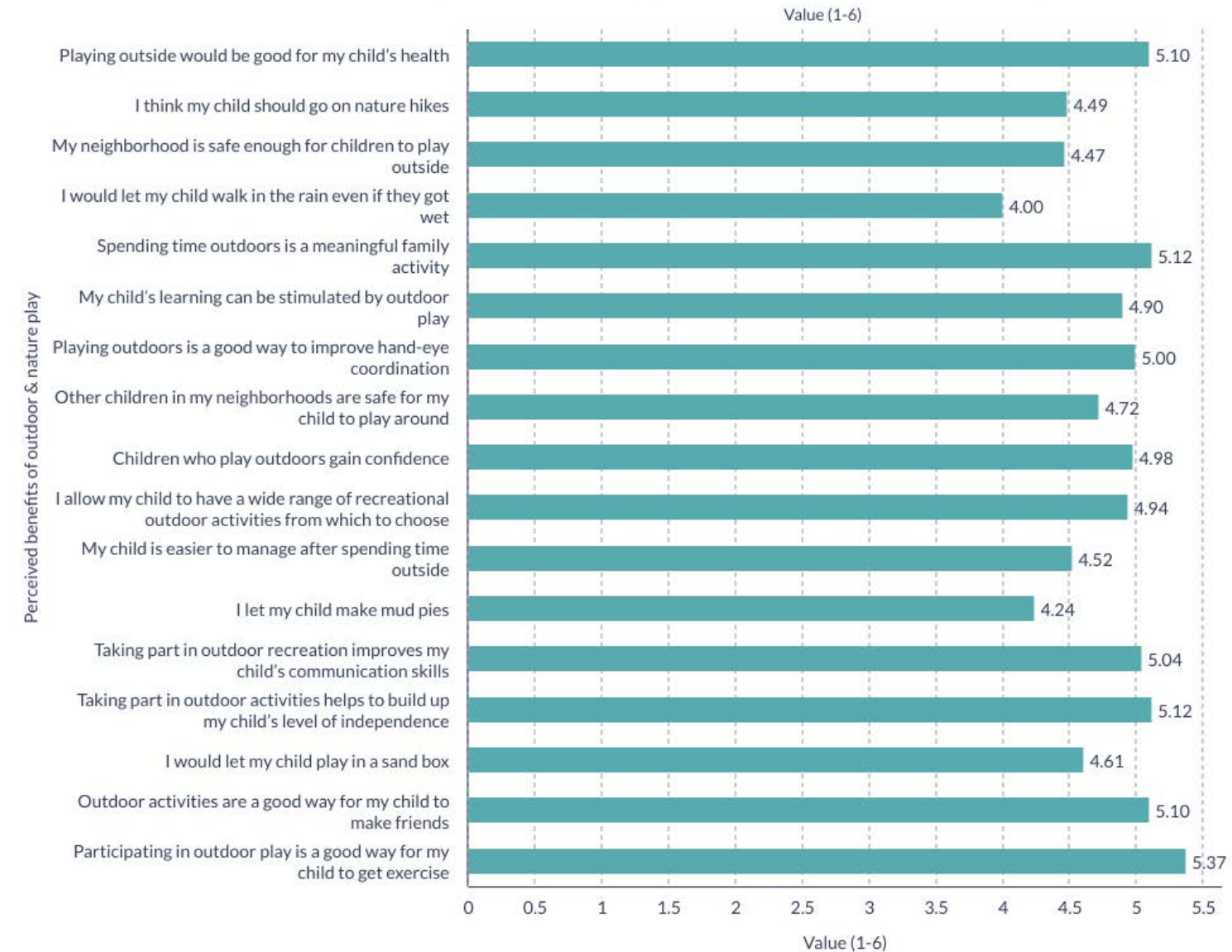
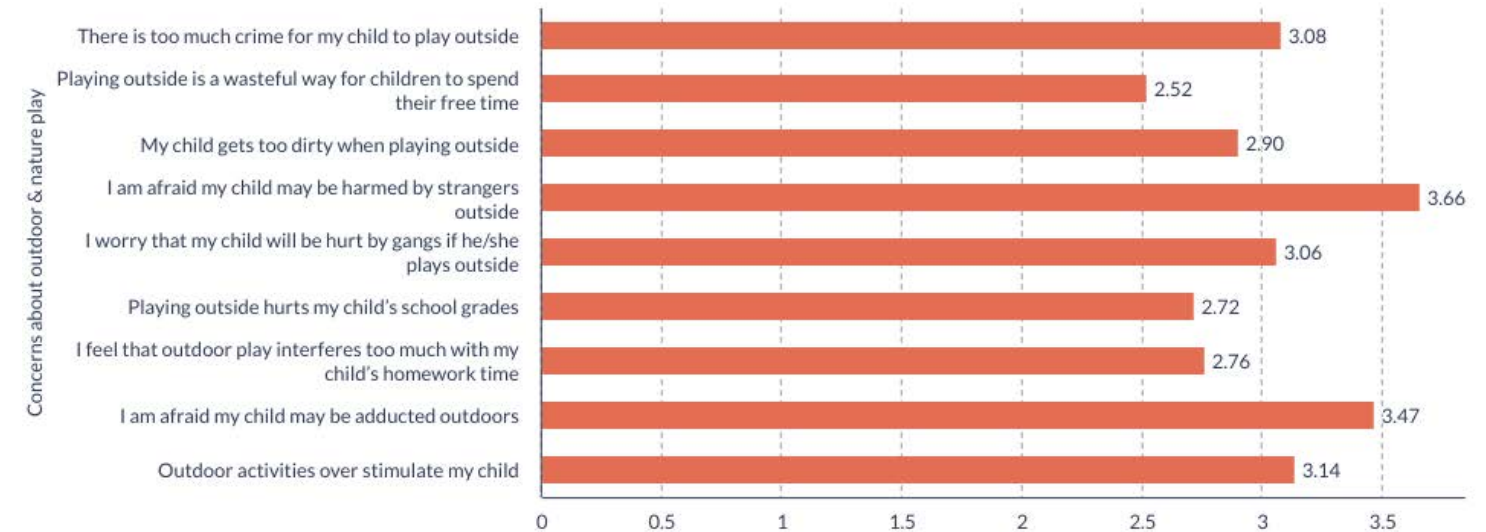


3.2 SURVEY - ADULTS AND CHILDREN'S OUTDOOR ACTIVITIES AND HEALTH (Continued)

HOW DO PARENTS PERCEIVE THE SAFETY AND BENEFITS OF CHILDREN'S OUTDOOR AND NATURE PLAY?

Parents rated the following statement on a 6 point scale, with 1 representing strongly disagree and 6 representing strongly agree. Parents have some concerns related to personal safety of children when playing outdoors.

Regarding benefits, most parents recognize the benefits of outdoor play on children's health, learning, confidence, communications, independence and social skills, as well as contributing to family bonding.



3.3 SURVEY RESULTS - PARTICIPANT DEMOGRAPHICS

TABLE 1: PARTICIPANTS' AGE

Age range	Count	Percentage
18-25	32	6.90%
26-35	117	25.22%
36-45	134	28.88%
46-55	66	14.22%
56-65	47	10.13%
66-75	38	8.19%
76+	22	4.74%
Prefer not to report	8	1.72%

TABLE 2: PARTICIPANTS' GENDER

Gender	Count	Percentage
Female	262	56.47%
Male	196	42.24%
Prefer not to report	134	1.29%

TABLE 3: PARTICIPANTS' ETHNICITY

Ethnicity	Count	Percentage
Hispanic	130	28.02%
Non Hispanic	304	65.52%
Prefer not to report	30	6.47%

TABLE 4: PARTICIPANTS' RACE

Race	Count	Percentage
African American	25	5.39%
American Indian or Alaska Native	11	2.37%
Asian	6	1.29%
Caucasian	380	81.90%
Native Hawaiian or Pacific Islander	2	0.43%
Two or more races	9	1.94%
Other	14	3.02%
Prefer not to report	17	3.66%

TABLE 5: PARTICIPANTS' EDUCATION

Educational Attainment	Count	Percentage
Less than high school	10	2.16%
High school or equivalent	98	21.12%
Associate degree	2	0.43%
Bachelor's degree (e.g. BA, BS)	213	45.91%
Graduate degree (e.g. MS, PhD)	99	21.34%
Other	32	6.90%
Prefer not to answer	10	2.16%

TABLE 6: PARTICIPANTS' MARITAL STATUS

Marital status	Count	Percentage
Divorced, widowed, or separated	33	7.11%
Married or living with a partner	365	78.66%
Never married	50	10.78%
Prefer not to answer	16	3.45%

TABLE 7: PARTICIPANTS' HOUSEHOLD INCOME

Household Income	Count	Percentage
\$9,999 or less	12	2.59%
\$10,000 to \$24,999	34	7.33%
\$25,000 to \$49,999	57	12.28%
\$50,000 to \$74,999	81	17.46%
\$75,000 to \$99,999	86	18.53%
\$100,000 or more	142	30.60%
Prefer not to answer	52	11.21%

TABLE 8: PARTICIPANTS' HOUSING TYPE

Housing type	Count	Percentage
A single-family house or townhouse	320	68.97%
An apartment	59	12.72%
A duplex, triplex, or fourplex	77	16.59%
Other	8	1.72%

3.4 COMMUNITY PARK AND RECREATION NEEDS ASSESSMENT -SURVEY RESULTS SUMMARY

SURVEY RESULTS

The survey revealed high usage rates of the parks and facilities in the City of Deer Park. Facilities such as Dow Park, the Youth Sports Complex, and the Battleground Golf Course were visited by more than half of the users. Over 75% of the survey participants were young and middle aged adults, but they frequently visit facilities with children, spouses, or friends. Most users accessed the parks by driving, followed by walking and biking. It is common for visitors to stay for 30-60 minutes during their visits. Residents are motivated to visit these parks and facilities to enjoy fresh air, exercise, relax, and reduce stress. Other frequently selected reasons include spending time in a peaceful environment, spending time with children, and walking their dogs.

Overall, the residents expressed high approval levels of the current parks and facilities. Residents gave very high ratings to questions related to the quantity and quality of parks in the city. More than 90% reported that the quantity and quality of parks and facilities meet or exceed their expectations. Over 85% were satisfied with the number and variety of programs and events. Ratings for accessibility, scenic beauty, and maintenance were consistently high. Suggestions for future park and recreation programs included more events and programs, additional natural features, continued development of age- and ability-inclusive facilities and programs, and ongoing improvements to park amenities and maintenance. Residents generally reported healthy levels of outdoor physical activity and good mental health. Regarding children’s outdoor activities, parents expressed mostly positive views. For example, most parents recognized the benefits of outdoor play for children’s health, learning, confidence, communication, independence, and social skills, as well as its contribution to family bonding. However, some parents expressed concerns about the personal safety of children when playing outdoors.

KEY RECOMMENDATIONS

- 1. Continue to provide diverse programs such as recreational, cultural, educational and health promoting opportunities.
- 2. Emphasize trees and green space, and incorporate sustainable development practices.
- 3. Age-inclusive programs that not only focus on children and older adults’ activities but could serve all age groups and abilities, such as adults, toddlers, and teenagers.
- 4. Integrate family based on parent-child activities
- 5. Invest in adding and maintaining amenities such as shading structures, seating and parking

IMPORTANT PARK AND RECREATION THEMES IDENTIFIED BY RESIDENTS

Top Themes	Topics	Frequency	Percentage
Theme 1	Events and programs	117	32.87%
	Leisure and recreational programs	28	7.87%
	Arts and cultural programs	25	7.02%
	Events	21	5.90%
	Outdoor fitness programs	20	5.62%
	Sports classes/activities	14	3.93%
	Nature walk and meditation	8	2.25%
	Mental health programs	5	1.40%
	Food related programs	5	1.40%
	Educational programs	5	1.40%
Theme 2	Park and Recreation features	101	28.37%
	Green space & trees	28	7.87%
	Trails	18	5.06%
	Sports courts and facilities	15	4.21%
	Vegetation and flowers	12	3.37%
	Water features	10	2.81%
	Community gardens/rose gardens	6	1.69%
	Indoor pool	6	1.69%
	Dog park	5	1.40%
	Gardens	5	1.40%
Theme 3	Lawns	5	1.40%
	Age inclusive facilities & programs	56	15.73%
	Children’s facilities & programs	23	6.46%
	Older adults’ facilities & programs	12	3.37%
	Family oriented programs	10	2.81%
	Adults’ programs	5	1.40%
	Teenagers’ programs	4	1.12%
Theme 4	Toddlers’ programs	3	0.84%
	Park Amenities	23	6.46%
	Shade	8	2.25%
	Seating	7	1.97%
	Parking	4	1.12%
	Lighting	4	1.12%

IV. CORE VALUE, MISSION, GOALS AND OBJECTIVES

4.1 CORE VALUE AND PRIORTIES OF PREVIOUS MASTER PLAN

DEER PARK CURRENT MISSION STATEMENT

The Parks and Recreation Department is dedicated to providing exemplary quality-of-life services and experiences to the community consistent with our history, culture, and unique character.

DEER PARK CORE VALUES



COMMUNITY
We embrace the uniqueness of the City of Deer Park and incorporate that in advancing the health and well-being of our customers and residents through parks and recreation opportunities.



EQUITY AND INCLUSION
We endeavor to increase accessibility and inclusivity of parks, facilities, programs, and services for all citizens.



HEALTHY LIFESTYLE
We inspire our citizens to pursue healthier lifestyles, which will create a more livable community.



SAFETY
We strive to provide well-maintained and safe parks and facilities to all citizens.



STEWARDSHIP
We develop and empower our employees to serve the community to increase the relevancy and value of department facilities, programs, and services.

PRIORITY PROJECTS ON PREVIOUS PLAN



ABOUT DEER PARK PARKS AND RECREATION

The City of Deer Park was Incorporated in 1948

City of Deer Park's Park and Recreation Department was developed in the 1960s

The goal of the Parks and Recreation department is to ensure a high quality of life for patrons through our commitment to superior public spaces and enriching recreation activities. Deer Park's Park and Recreation is dedicated to providing an exemplary quality of life by offering innovative Park and Recreational experience to the community consistent with out history, culture, and unique character.

First master plan documentation was created for 2013-2023.

Over 90% of the 2013-2023 master plan has been implemented within the city.



<http://www.ci.deer-park.tx.us/DocumentCenter/View/8288/121-Master-Plan?bidid=>

4.2 PROPOSED MISSION STATEMENT, GOALS, AND OBJECTIVES

PROPOSED MISSION STATEMENT

The Mission of the City of Deer Park is to deliver exemplary municipal services that provide a high quality of life consistent with our history, culture, and unique sense of community.

GOALS AND OBJECTIVES



GOAL 1

Ensure all park systems and facilities are an essential part of the city.

OBJECTIVES

O1.1: Improve, maintain, and update the existing park and recreational facilities with an open space master plan that aligns with the communities needs and expectations for the next 5 to 10 years.

O1.2: Implement pedestrian friendly infrastructure, such as widened sidewalks, pedestrian zones, and bike lanes, to encourage community interaction.

O1.3: Inform people of surroundings with the use of implementations of wayfinding and signage within the park systems.



GOAL 2

Revitalize Park infrastructure with unique features for each neighborhoods character.

OBJECTIVES

O2.1: Upgrade and modernize current facilities to align with contemporary park and recreational standards and cater to evolving programming needs.

O2.2: Provide a diverse range of recreational amenities and activities tailored to the unique interests of each neighborhood, encouraging active engagement among residents of all ages.

O2.3: Integrate unique features into each neighborhood park depending on their character, history, and cultural elements.



GOAL 3

Create a vibrant cultural and arts hub within the city limits.

OBJECTIVES

O3.1: Ensure the cultural and arts center is accessible to people of all abilities.

O3.2: Establish a purpose-built cultural and arts facility, equipped with state-of-the-art amenities, exhibition spaces, theaters, and studios to accommodate various forms of artistic expression.

O3.3: Continue to curate a diverse range of cultural and arts programs to cater to different interests and age groups.



GOAL 4

Establish city wide connectivity.

OBJECTIVES

O4.1: Create well-maintained pedestrian walkways and bicycle paths throughout the city, promoting eco friendly and healthy modes of transportation.

O4.2: Implement safety measures such as well-lit pathways, designated pedestrian crossings, and traffic calming techniques to enhance the safety of pedestrians.

O4.3: Implement clear and intuitive wayfinding signage systems throughout the city, enhancing navigation, promoting accessibility, and fostering a more connected and efficient urban experience.



GOAL 5

Promote and enhance the unique identity of the city.

OBJECTIVES

O5.1: Install public art installations, sculptures, and landmarks that represent the city's heritage, creating visual focal points and enhancing the cityscape.

O5.2: Create themed districts within the city, cultural or arts, to showcase specific aspects of the city's identity, attracting both residents and tourists.

O5.3: Establish iconic gateways North to South and East to West into Deer Park to establish placement.

4.3 OVERVIEW OF KEY ISSUES, MISSION, CORE VALUES, AND GOALS

KEY ISSUES

1. CONNECTIVITY CHALLENGES

- Limited Sidewalk and Bike Lanes
- Accessibility Issues
- ADA Standard

2. VARIETY AND QUALITY OF EXISTING PARK AND RECREATION FACILITIES

- Insufficient Infrastructure
- Lack of Diverse Recreation Opportunities within City Parks for Special Needs of Each Group.
- Lack of Focus on Cultural and Historical Experiences.
- Shade Insufficiency

3. INCLUSIVITY AND EQUITY

- Lack of Park Facilities in the Underserved Neighborhoods.
- Lack of use of the Golf Course.

4. COMMUNITY IDENTITY

- Lack of Visual Identity
- Lack of Wayfinding Signage System
- Lack of Beautification Efforts

5. SUSTAINABILITY CONCERNS

- Air Pollution
- Noise Pollution
- Visual Impact
- Flood Risk Zones
- Natural Disasters
- Urban Heat Index

6. LAND AVAILABILITY

- Limited Available Land for Existing Park
- Expansion or Adding New Parks because of Landlocked Conditions.
- Financial Constraints

PROPOSED MISSION STATEMENT

The Mission of the City of Deer Park is to deliver exemplary municipal services that provide a high quality of life consistent with our history, culture, and unique sense of community.

DEER PARK CORE VALUES



COMMUNITY

We embrace the uniqueness of the City of Deer Park and incorporate that in advancing the health and well-being of our customers and residents through parks and recreation opportunities.



EQUITY AND INCLUSION

We endeavor to increase accessibility and inclusivity of parks, facilities, programs, and services for all citizens.



HEALTHY LIFESTYLE

We inspire our citizens to pursue healthier lifestyles, which will create a more livable community.



SAFETY

We strive to provide well-maintained and safe parks and facilities to all citizens.



SUSTAINABILITY

The city prioritizes sustainability through strategic urban planning, renewable energy adoption, waste reduction initiatives, and the promotion of green transportation, fostering a resilient and environmentally conscious community.

PROPOSED GOALS FOR MASTER PLAN



GOAL 1

Ensure all park systems and facilities are an essential part of the city.



GOAL 2

Revitalize Park infrastructure with unique features for each neighborhood's character.



GOAL 3

Create a vibrant cultural and arts hub within the city limits.



GOAL 4

Establish city wide connectivity.

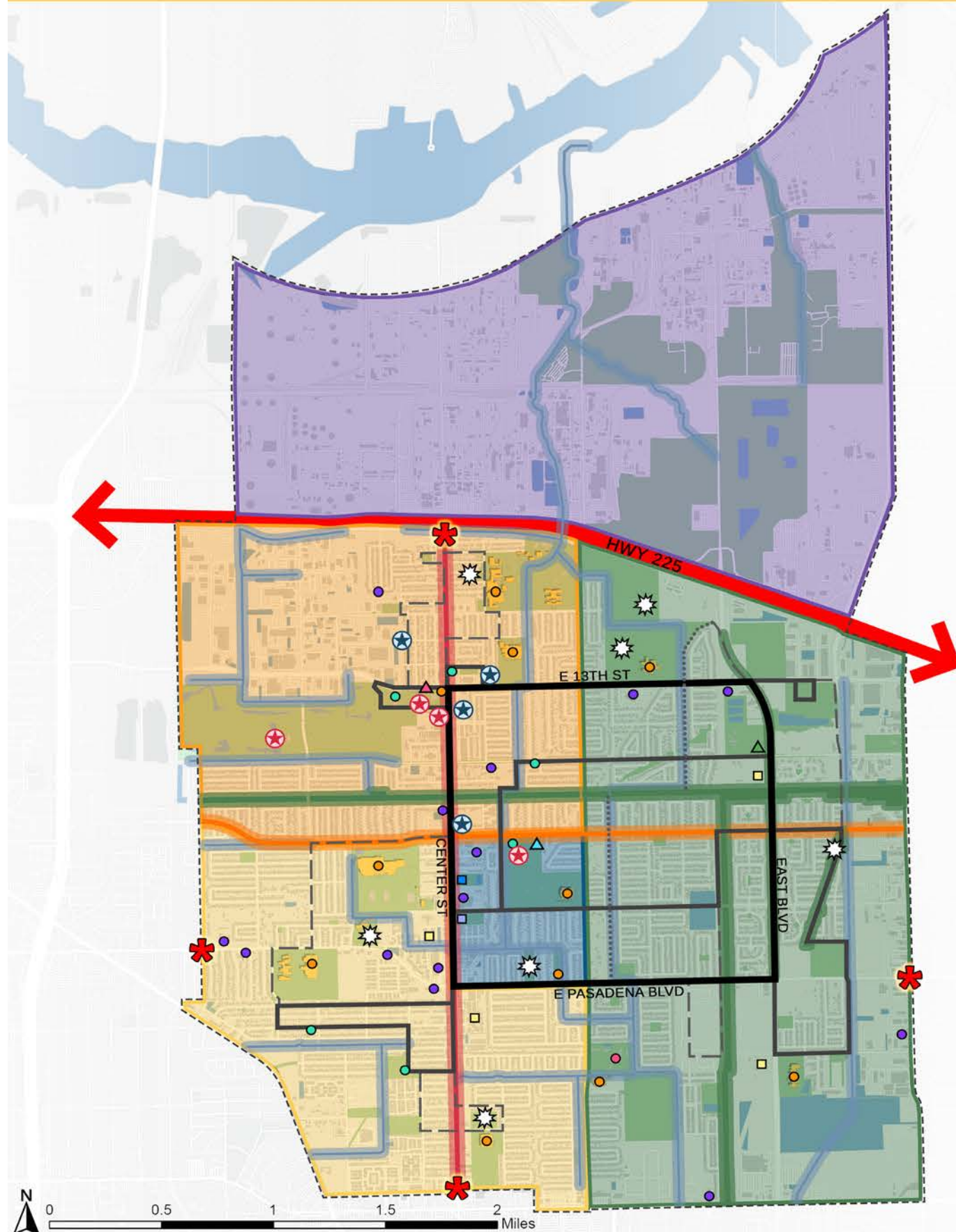


GOAL 5

Promote and enhance the unique identity of the city.

V. PARKS, RECREATION, AND OPEN SPACE FRAMEWORK

5.1 PARKS, RECREATION, AND OPEN SPACE FRAMEWORK



LEGEND

- GREEN SPACE NETWORK
- DEER PARK ISD FOOTPRINT
- BUILDING FOOTPRINT
- WATER - DETENTION PONDS
- PRINCIPAL ARTERIAL
- DEER PARK CITY BOUNDARY

(5) DISTRICTS

- INDUSTRIAL DISTRICT
- CULTURAL-ARTS DISTRICT
- LEARNING DISTRICT
- NATURE DISTRICT
- CENTER DISTRICT

(4) GATEWAY ENTRANCES

- INDUSTRIAL DISTRICT

(3) CORRIDORS

- DRAINAGE CANAL CORRIDOR
- CIVIC CORRIDOR
- COMMERCIAL CORRIDOR
- GREEN OPEN SPACE CORRIDOR

(2) COMMUNITY HUBS

- CULTURAL-ARTS HUB
- CIVIC AND COMMUNITY HUB

- DAY CARES
- FIRE STATIONS
- SENIOR LIVING
- COMMUNITY CENTERS
- CITY HALL BUILDING
- LIBRARY
- DEER PARK ISD SCHOOLS
- THEATER BUILDING
- POLICE STATION
- TEXAS HISTORIC MARKERS
- DEER PARK HISTORIC MARKERS

(1) INTERCONNECTED TRAIL SYSTEM

- PRIMARY TRAIL LOOP
- SECONDARY TRAIL LOOP
- TERTIARY TRAIL LOOP
- EXISTING HIKE/BIKE TRAIL
- PROPOSED POCKET PARK

CITY LEGIBILITY

Kevin Lynch's concept of city legibility, as presented in his influential work "The Image of the City," refers to the ease with which individuals can navigate and comprehend urban environments. Lynch argued that legible cities possess distinct landmarks, clear pathways, and recognizable nodes that contribute to a cohesive mental map for residents. This idea underscores the importance of urban design in creating cities that are not only physically navigable but also psychologically accessible, enhancing the overall quality of life for their inhabitants.

5 ELEMENTS FOR A CITY



PATH

- Primary Loop
- Secondary Trail
- Tertiary Trail
- Drainage Corridor
- Green Corridor
- Civic Corridor
- Commercial Corridor
- Highway 225



EDGE

- Highway 225
- City Boundary
- Buffalo Bayou Canal
- District Boundaries
- Corridors



LANDMARK

- Historical Markers
- City Hall Building
- Fire Stations
- School Stadium
- Water Towers



DISTRICT

- Industrial District
- Learning District
- Nature District
- Center District
- Cultural-Arts District



NODE

- Major Intersections
- Center Street
- Dow Park
- Parks and Recreation Facilities
- Deer Park ISD Schools

5.2 GREEN SPACE NETWORK AND PRIORITY AREAS FOR NEW PARKS

INTERCONNECTIVITY OF GREEN SPACE

The green space network in Deer Park is thoughtfully organized into six distinct categories, encompassing city-owned land, easements, and privately owned land. Notably, a substantial portion of privately owned land is concentrated in the Industrial District, situated north of Highway 225, while the remaining five categories of open green space are located south of the highway.

Before implementing any enhancements to parks and recreational open spaces, a thorough analysis of the existing green network's interconnectivity is crucial. While the map reflects an equitable distribution of parks and recreational facilities across the city, the challenge lies in the uneven distribution of green space acreage. Addressing this issue is paramount to cultivating a more balanced and accessible green infrastructure throughout Deer Park.

A more balanced and accessible green infrastructure will not only enrich the quality of life for residents but also reinforce Deer Park's commitment to sustainable urban living. As the city continues to grow, thoughtful planning and strategic enhancements to the Green Space Network will play a pivotal role in fostering a resilient, vibrant, and interconnected community.

GREEN SPACE NETWORK LEGEND

- PARKS AND RECREATION FACILITIES
- GOLF COURSE
- EASEMENTS AND OPEN SPACE
- PRIVATE OWNED GREEN SPACE
- DEER PARK CITY OWNED LAND
- DEER PARK ISD OWNED LAND
- DEER PARK ISD FOOTPRINT
- BUILDING FOOTPRINT
- WATER - DETENTION PONDS
- DRAINAGE CANALS
- PRINCIPAL ARTERIAL
- DEER PARK CITY BOUNDARY



PRIORITY AREAS FOR NEW PARKS

Utilizing ParkServe data for Deer Park, areas in need of a park system intervention are categorized into very high priority, high priority, and moderate priority. This classification is determined by factors such as population density, density of low-income households, density of people of color, air pollution respiratory hazard, urban heat islands, and health, emphasizing the importance of ensuring that all residents are within a 10-minute walk to a park for improved community well-being.

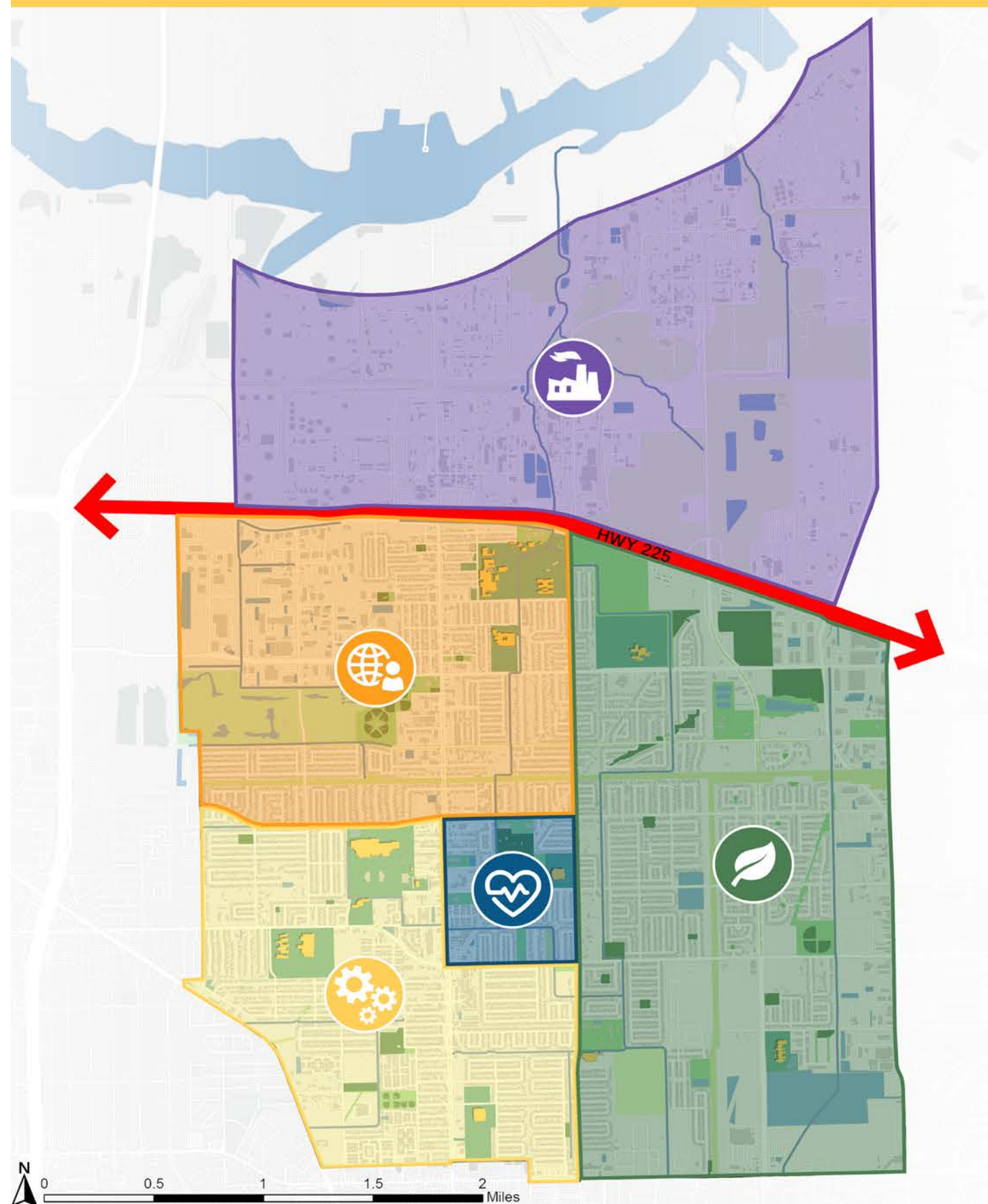
<https://parkserve.tpi.org/mapping/#?CityID=4819624>

PRIORITY AREAS LEGEND

- GREEN SPACE NETWORK
- VERY HIGH PRIORITY
- HIGH PRIORITY
- MODERATE PRIORITY



5.3 FIVE THEME DISTRICTS



INDUSTRIAL DISTRICT

The industrial district is a dynamic and vital part of a city, contributing significantly to its economic growth while posing unique challenges related to infrastructure, environment, and community planning.

AREA
~ 4.6
SQUARE
MILES

PARKS

0



CULTURAL-ARTS DISTRICT

Through a seamless blend of the past and present, the district endeavors to amplify the significance of its heritage, offering both visitors and residents an immersive experience that honors and celebrates the unique history that defines this charming community.

AREA
~ 2.6
SQUARE
MILES

PARKS

5



LEARNING DISTRICT

The Learning District in Deer Park actively involves residents in educational programs within neighborhood parks. Tailored for the community, it introduces new programming to foster social bonds and community strengths. By utilizing educational initiatives, the Learning District seeks to enhance both individual skills and collective connections among the residents of Deer Park.

AREA
~ 2.3
SQUARE
MILES

PARKS

5



CENTER DISTRICT

Situated at the heart of Deer Park, the Center District serves as the city's focal point. This central hub features Dow Park, epitomizing the community bond and underscoring the significance of outdoor programming for both residents and visitors. As the heartbeat of the city, the Center District pulsates with a sense of shared identity and a commitment to fostering a vibrant and inclusive community experience.

AREA
~ 0.4
SQUARE
MILES

PARKS

1



NATURE DISTRICT

The Nature District initiative in Deer Park underscores the pivotal role of nature in enhancing the city's fabric. By introducing a greener landscape, the initiative not only elevates the quality of life for residents but also cultivates a sustainable image for Deer Park in comparison to neighboring communities.

AREA
~ 4.4
SQUARE
MILES

PARKS

24
(7 HOA PARKS)

5.4 CHARACTERISTIC AND FUNCTIONAL CORRIDORS

THE VITAL ROLE OF CORRIDORS

In Deer Park, corridors serve as vital connectors, forming a foundational link between different areas of the city. The three distinct corridor types—drainage canal corridors, street-human corridors, and open green space corridors—share the common objective of fostering connectivity.

Drainage canal corridors play a crucial role by linking green open spaces to the Buffalo Bayou channel, effectively managing storm water within the city. Street-human corridors seamlessly weave together places of interest, ranging from local businesses and parks to residential homes, creating a comprehensive network that enhances accessibility and community engagement. Additionally, open green space corridors contribute to the synergy of the green network, serving as interconnected pathways for both humans and wildlife.

These corridors hold significance in the city’s overall analysis as integral components of the green network systems and the broader connectivity infrastructure. Their vertical and horizontal alignment throughout Deer Park not only ensures efficient storm water management but also enhances the overall accessibility and interconnectedness of the city, promoting a harmonious balance between urban development and natural elements.

CORRIDOR LEGEND

- CONCRETE DRAINAGE CANAL CORRIDOR
- GREEN DRAINAGE CANAL CORRIDOR
- CIVIC CORRIDOR
- COMMERCIAL CORRIDOR
- GREEN OPEN SPACE CORRIDOR
- GREEN SPACE NETWORK
- DEER PARK ISD FOOTPRINT
- BUILDING FOOTPRINT
- WATER - DETENTION PONDS
- PRINCIPAL ARTERIAL
- DEER PARK CITY BOUNDARY



TYPES OF CORRIDORS

Deer Park features a diverse array of corridors, including Concrete vs. Green drainage canals, Civic vs. Commercial corridors, and green open space corridors. Each corridor type plays a vital role in the seamless interconnection of the city—facilitating the efficient movement of storm water, linking people to various destinations, and connecting green spaces for both aesthetic and environmental benefits.

**DRAINAGE CANALS
CONCRETE**
East X Street



**DRAINAGE CANALS
GREEN SWALE**
East Pasadena Street



**CIVIC
CORRIDOR**
East San Augustine Street



**COMMERCIAL
CORRIDOR**
Center Street



**CENTER-POINT
EASEMENT**
Luella Ave.



**P STREET
RIGHT OF WAY**
East P Street



5.5 COMMUNITY AMENITIES AND HUBS

COMMUNITY DYNAMICS

The community amenities in Deer Park are primarily concentrated along the Center Street corridor and the western side of the city. This alignment is closely tied to Center Street's role as the main commercial thoroughfare. Historical markers, divided into Texas and Deer Park categories, are centrally located at the intersection of Center Street and East 13th Street. Preserving these markers is vital for upholding Deer Park's cultural heritage and unique identity.

Furthermore, strategic placement of daycares and senior living facilities is essential to inform intergenerational design programming. Identifying suitable areas accessible to both the youth and senior community ensures a thoughtful and inclusive approach to community planning. By pinpointing these facilities, we can foster a sense of community cohesion and facilitate interactions between different age groups, enriching the overall community experience.

IMPORTANCE OF COMMUNITY AMENITIES

Community amenities are vital contributors to the overall quality of life for residents, playing a pivotal role in fostering the well-being of a community. Community amenities collectively shape a community into a multifaceted and thriving environment. Beyond meeting basic needs, these amenities contribute to a community's identity, social cohesion, and the overall happiness and satisfaction of its residents, creating a space that people are proud to call home.

ROLE OF COMMUNITY AMENITIES



PUBLIC SAFETY

- Fire Stations
- Police Stations



PUBLIC EDUCATION

- Library
- Deer Park ISD Schools
- Day Care
- Community Centers



SOCIALIZATION

- Day Care
- Senior Living
- Community Centers
- Deer Park ISD Schools



HISTORICAL PRESERVATION

- Texas Historic Markers
- Deer Park Historic Markers



CULTURAL ENRICHMENT

- Theater Building
- Deer Park Historic Markers



CIVIC ENGAGEMENT

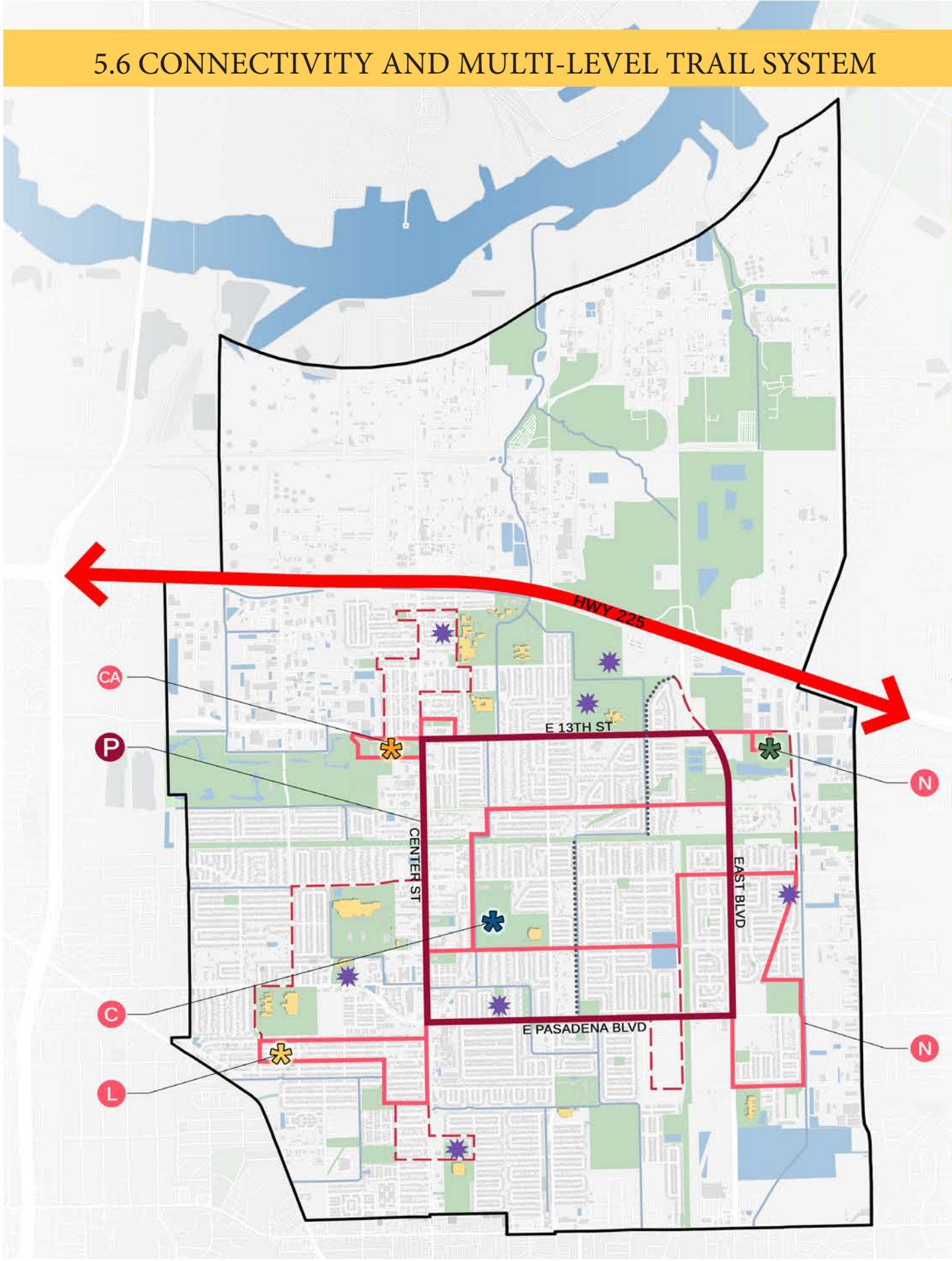
- Community Centers
- City Hall Building
- Fire Station
- Police Station

COMMUNITY AMENITIES LEGEND

- DAY CARE
- FIRE STATIONS
- SENIOR LIVING
- COMMUNITY CENTERS
- CITY HALL BUILDING
- LIBRARY
- DEER PARK ISD SCHOOLS
- THEATER BUILDING
- POLICE STATION
- TEXAS HISTORIC MARKERS
- DEER PARK HISTORIC MARKERS
- GREEN SPACE NETWORK
- DEER PARK ISD FOOTPRINT
- BUILDING FOOTPRINT
- WATER - DETENTION PONDS
- DRAINAGE CANALS
- PRINCIPAL ARTERIAL
- DEER PARK CITY BOUNDARY



5.6 CONNECTIVITY AND MULTI-LEVEL TRAIL SYSTEM



CONNECTIVITY SYSTEM

The existing hike-bike trails consists of 1.7 miles of decomposed granite trails.
The proposed trail system will add 22.7 miles of connectivity opportunities.

- P DEER PARK PRIMARY LOOP**
Total Mileage - 6 Miles
- CA CULTURAL-ARTS TRAIL**
Total Mileage - 3.2 Miles
- L LEARNING TRAIL**
Total Mileage - 5 Miles
- C CENTER TRAIL**
Total Mileage - 3.8 Miles
- N NATURE TRAIL**
Total Mileage - 4.7 Miles

PROPOSED CONNECTIVITY SYSTEM

- EXISTING HIKE/BIKE TRAIL
- PRIMARY TRAIL LOOP
- SECONDARY TRAIL LOOP
- TERTIARY TRAIL LOOP
- * DISTRICT POINT OF INTEREST
- * CULTURAL - ARTS DISTRICT
- * LEARNING DISTRICT
- * CENTER DISTRICT
- * NATURE DISTRICT
- * POCKET PARK OPPORTUNITY
- GREEN SPACE NETWORK
- DEER PARK ISD FOOTPRINT
- BUILDING FOOTPRINT
- WATER - DETENTION PONDS
- DRAINAGE CANALS
- PRINCIPAL ARTERIAL
- DEER PARK CITY BOUNDARY



POINTS OF INTEREST

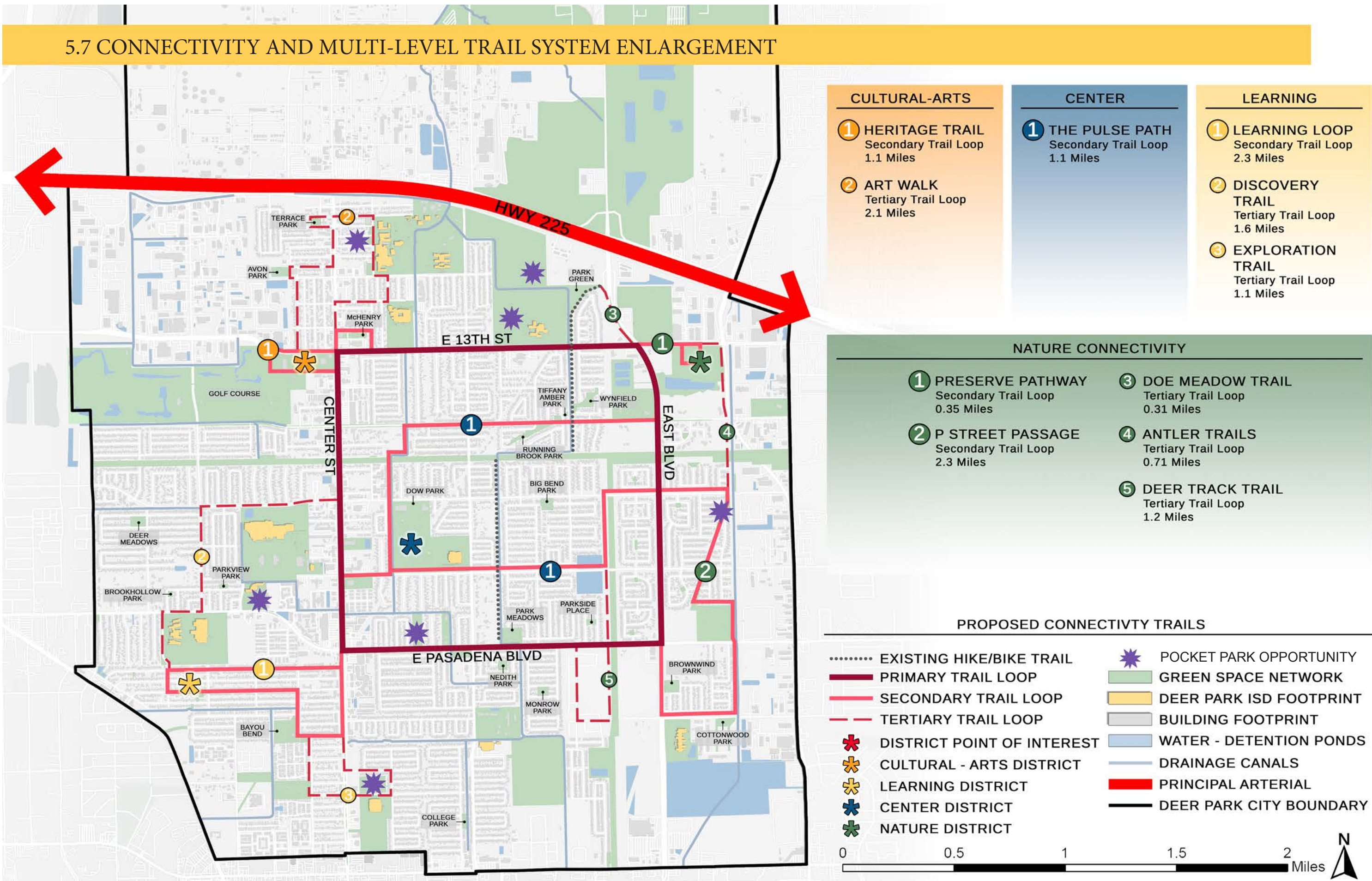
CULTURAL - ARTS DISTRICT
ART PARK PLAYERS THEATRE
JIMMY BURKE CENTER

LEARNING DISTRICT
KINGSDALE REC CENTER

CENTER DISTRICT
DOW PARK
CITY HALL AND COMMUNITY CENTER

NATURE DISTRICT
NATURE PRESERVE

5.7 CONNECTIVITY AND MULTI-LEVEL TRAIL SYSTEM ENLARGEMENT

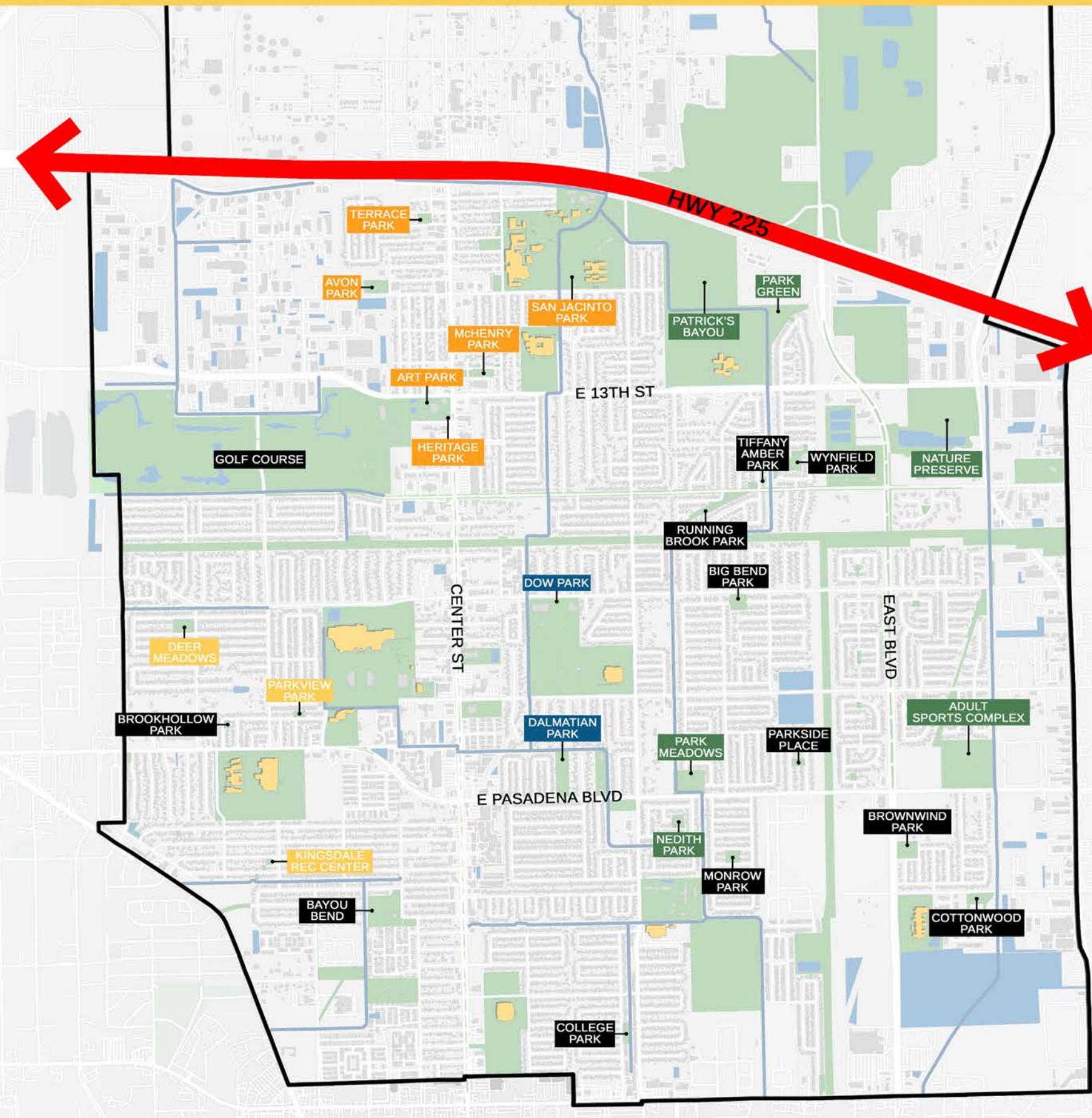


VI. DESIGN RECOMMENDATIONS FOR TARGET PARKS IMPROVEMENTS

Disclaimer:

The park designs presented here are for conceptual purposes only. This material is intended to provide a general idea of potential designs and does not constitute a commitment to implement any specific features or ideas depicted. The City of Deer Park reserve the right to modify, alter, or reject any elements of the designs as deemed necessary, and no guarantee is made regarding the incorporation of any particular concept shown in these drawings.

6.1 LOCATION OF TARGET PARK SITES



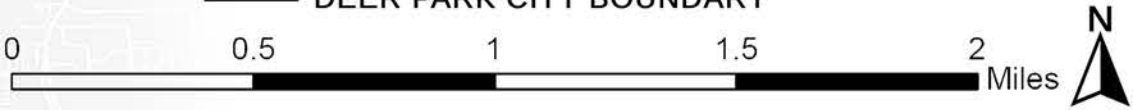
TARGET SITE DESIGNS BY STUDENTS

Deer Park boasts 30 community parks, with the Texas A&M Landscape Architecture and Urban Planning department collaborating with the city to craft a comprehensive master plan for the next decade. As a result, 17 of these parks have undergone development or renovation to better serve the needs of the community.

CULTURAL-ARTS DISTRICT	NATURE DISTRICT	LEARNING DISTRICT	CENTER DISTRICT
TERRACE PARK	PARK GREEN PARK	DEER MEADOWS	DOW PARK
AVON PARK	PATRICK'S BAYOU	PARKVIEW PARK	DALMATIAN PARK
ART PARK	ADULT SPORTS COMPLEX	KINGSDALE REC CENTER	
HERITAGE PARK	PARK MEADOWS		
McHENRY PARK	NEDITH PARK		
SAN JACINTO PARK	NATURE PRESERVE		

TARGET SITE DESIGN LEGEND

- CULTURAL-ARTS DISTRICT TARGET SITES
- NATURE DISTRICT TARGET SITES
- LEARNING DISTRICT TARGET SITES
- CENTER DISTRICT TARGET SITES
- DEER PARK ISD FOOTPRINT
- BUILDING FOOTPRINT
- WATER - DETENTION PONDS
- DRAINAGE CANALS
- PRINCIPAL ARTERIAL
- DEER PARK CITY BOUNDARY

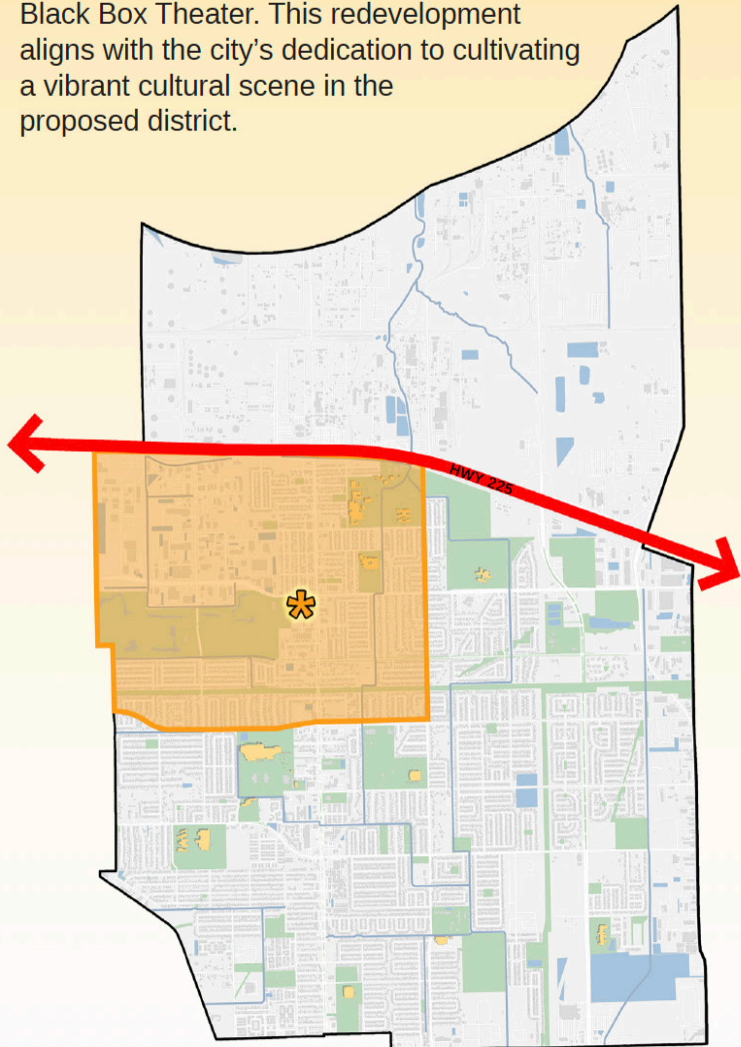


6.2.1 MUNICIPAL COURT AND ART PARK PLAYERS THEATER - SITE LOCATION

MUNICIPAL COURT AND THEATER

In the planned cultural and arts district, the focus is on revitalizing the current municipal court, theater, and fire department complex. The municipal court building will be converted into the Art Park Platers Theater, while the court itself will move to the south-west corner, optimizing space.

The fire department building is set to become a modern Black Box Theater. This redevelopment aligns with the city's dedication to cultivating a vibrant cultural scene in the proposed district.

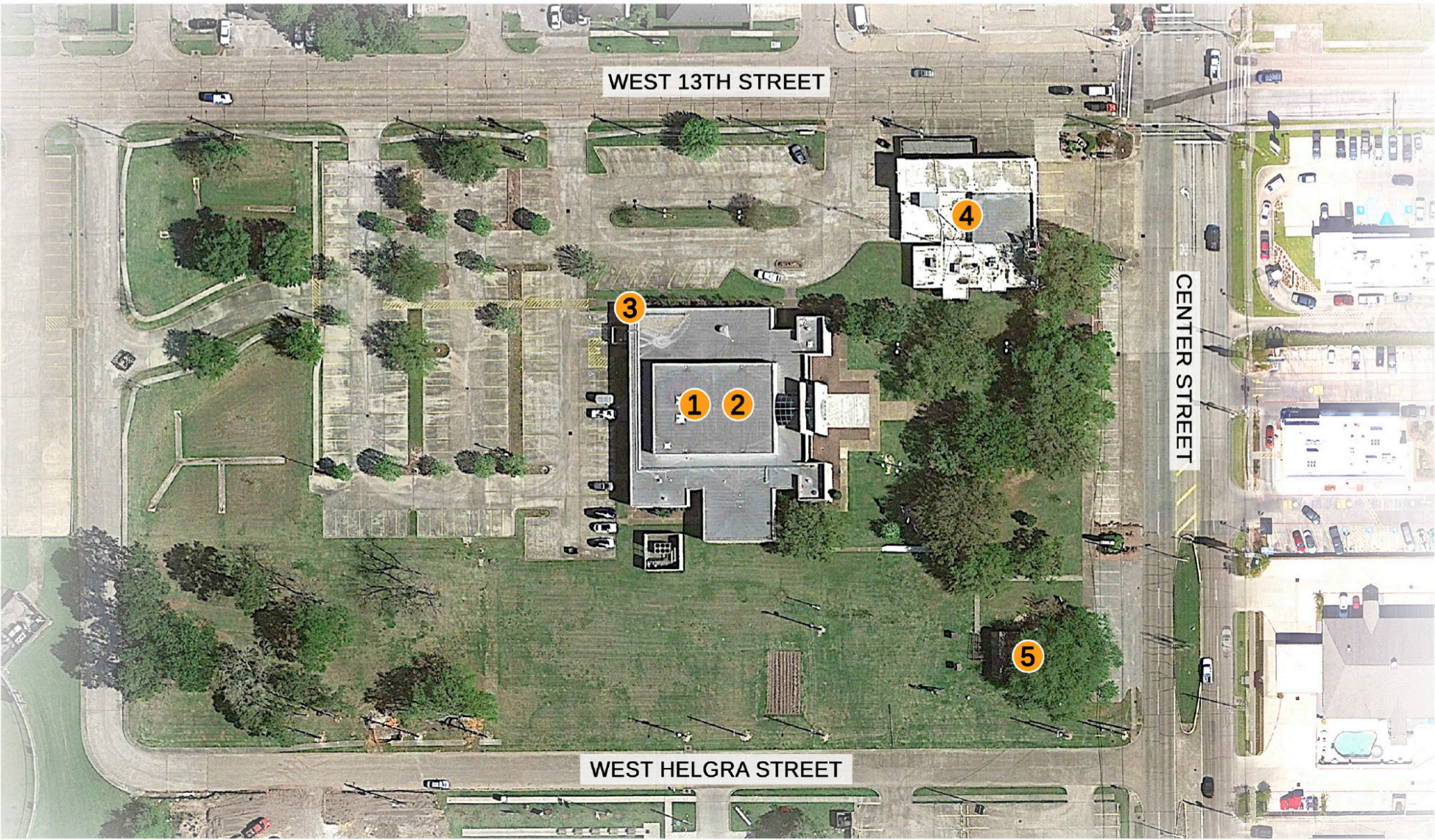


TARGET SITE DESIGN DISTRICT

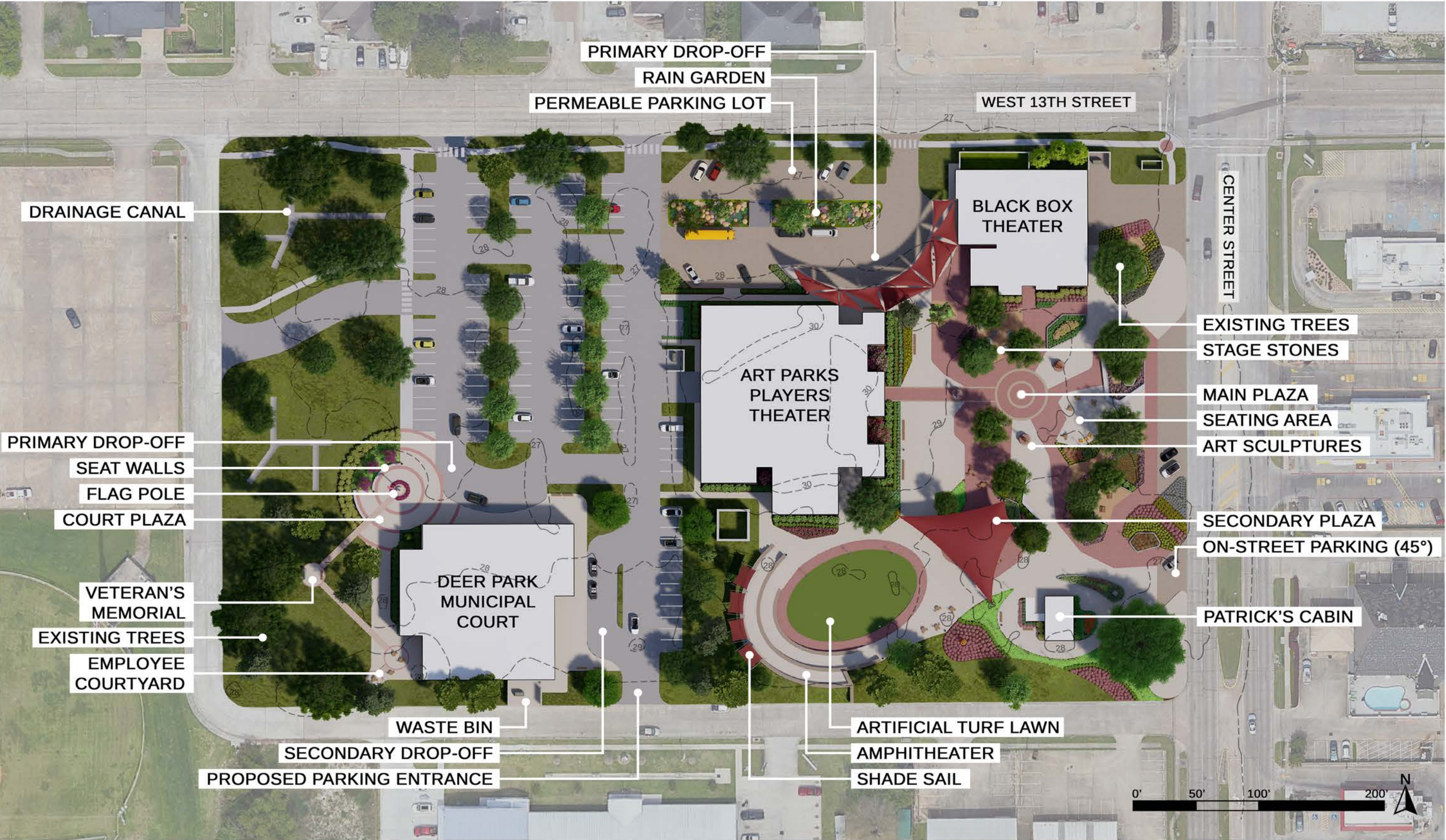
- CULTURAL-ARTS DISTRICT
- MUNICIPAL COURT - THEATER
- PRINCIPAL ARTERIAL
- DEER PARK CITY BOUNDARY



1	2	3	4	5
MUNICIPAL COURT	THEATER	COURT-THEATER	FIRE DEPARTMENT	PATRICK'S CABIN
USER GROUP Government Employees Deer Park Residents General Public	USER GROUP Theater Employees Volunteers Deer Park Residents Audience Members	SHARED FEATURES Auditorium Parking Lot and Street Parking	USER GROUP 11 Firefighters 4 Dual Service Employees General Public	USER GROUP Deer Park Residents Visitors-Tourist General Public
OPERATION HOURS Monday to Friday 8 AM - 5 PM	OPERATION HOURS Monday to Friday 10 AM - 10 PM Shows Times: Friday to Sunday	AUDITORIUM SEATS 238	OPERATION HOURS Open 24 Hours 7 Days out of the Week	OPERATION HOURS Open 24 Hours 7 Days out of the Week
SQUARE FOOTAGE ~40,000 ft ²	SQUARE FOOTAGE ~20,000 ft ²	PARKING SPACES Spaces: 125 ADA Spaces: 6	SQUARE FOOTAGE ~10,000 ft ²	SQUARE FOOTAGE ~1,000 ft ²



6.2.2 ART PARK - MASTER PLAN



6.2.3 ART PARK - PROGRAMMING OPPORTUNITIES



PROGRAMMING OPPORTUNITIES

1. DUAL PURPOSE PARKING LOT

Purpose 1: Permeable Parking

Features: 11 Parking Spots, 5 ADA Parking Spots, 3 Bus Parking Spots, and Semi-Circle Drop Off

Programming: Competition Visitor Parking



Purpose 2: Festival Grounds

Features: Food Truck Parking and ~20,000 Square Feet of Event Space

Programming: Farmers Markets or Block Parties



2. SHADED DANCE PLAZA

Features: Large Shade Sail and ~6500 Square Feet of Event Space

Programming: Two-Step Dancing



Programming: Mexican Folk Dancing



3. ARTIFICIAL TURF AND AMPHITHEATER

Features: ~3000 Square Feet of Turf and Amphitheater can Accommodate 200 People

Programming: Concerts



Programming: Theater Shows



6.2.4 ART PARK - MATERIAL PALLET



MATERIAL PALLET

1. PERMEABLE PAVERS

Permeable pavers mimic the way natural land absorbs water.



2. LEGACY PAVERS

Donors' names can be added pavers to honor their contributions.



3. COLORED CONCRETE

Brushed concrete offers a textured surface with a sleek finish.



4. DECOMPOSED GRANITE

Provides a natural aesthetic appeal and texture.



5. ARTIFICIAL TURF

Provides a low-maintenance alternative to natural grass for high traffic areas.

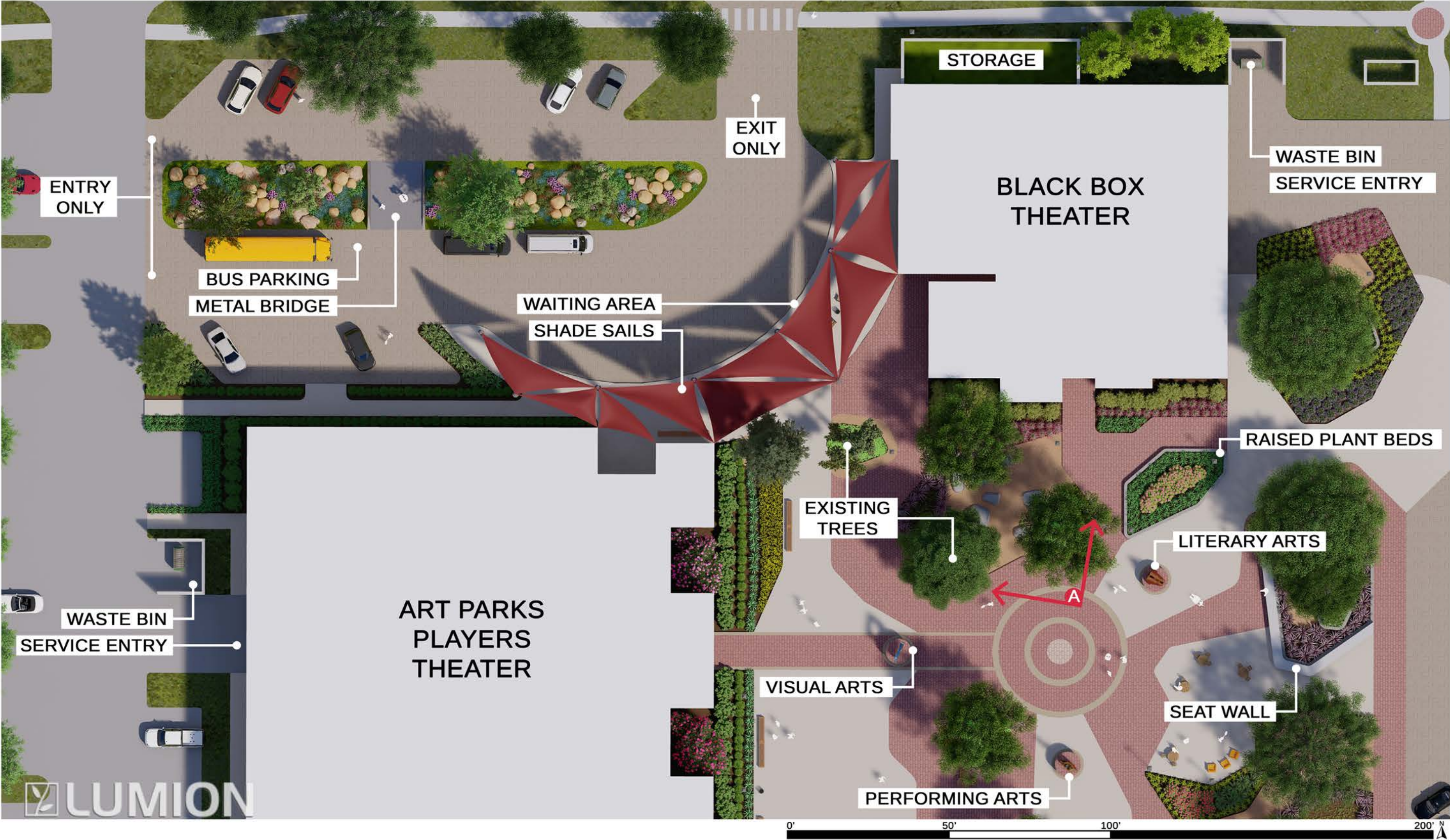


6. AMPHITHEATER STONE

Decorative plaster stone.

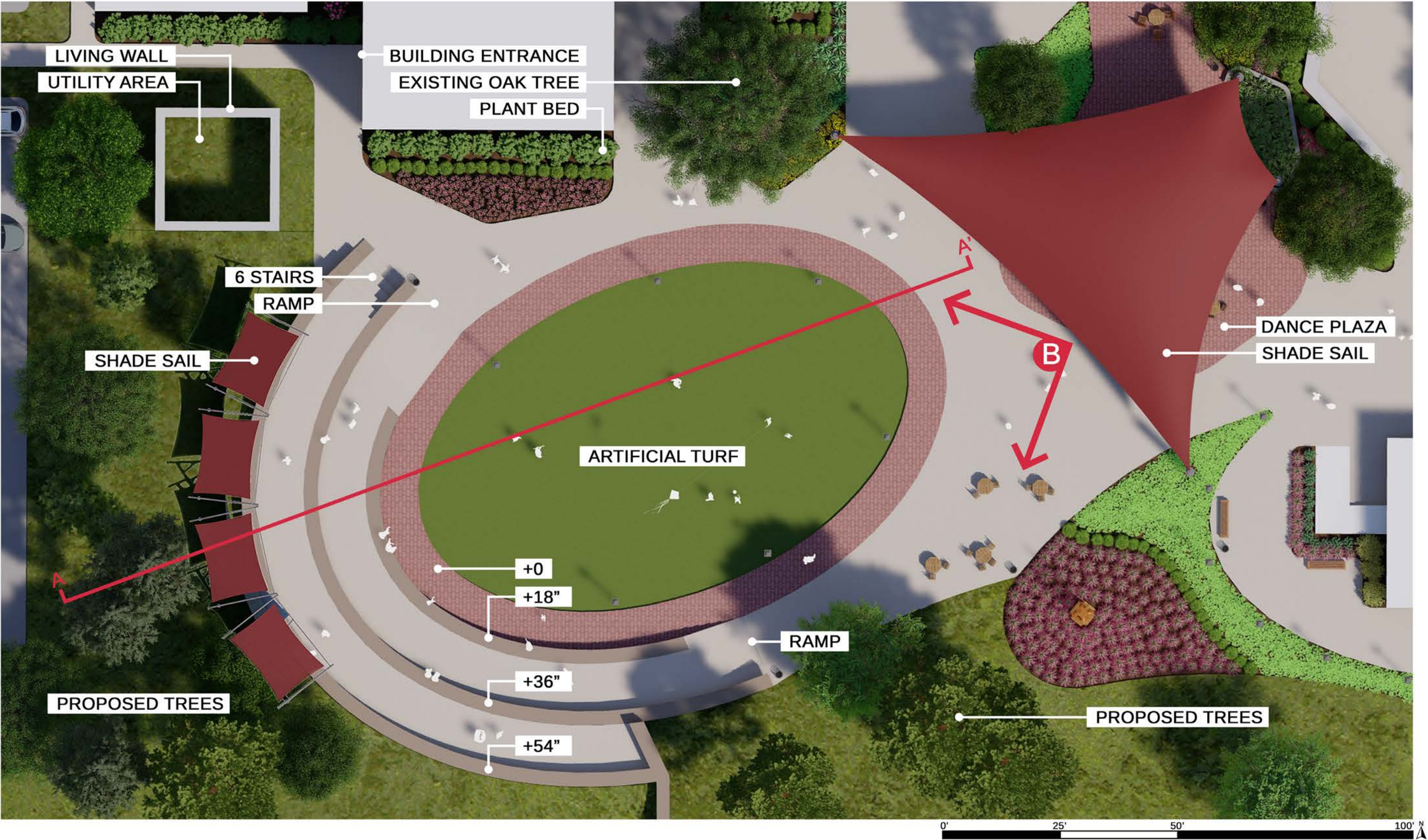


6.2.5 ART PARK - PLAN VIEW





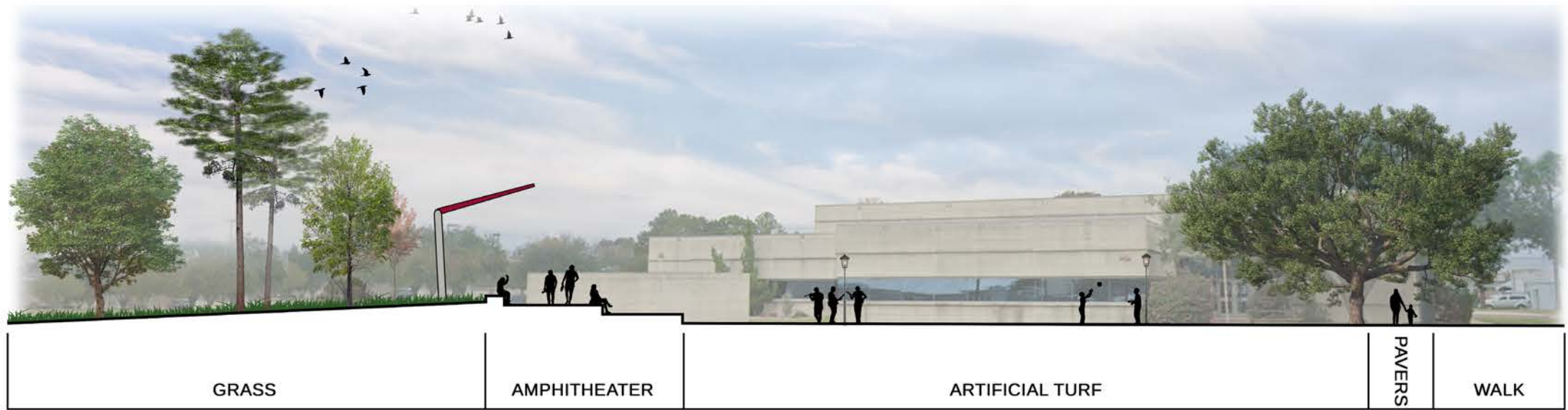
6.2.7 ART PARK - PLAN VIEW



6.2.8 ART PARK - AMPHITHEATER PERSPECTIVE AND SECTION CUT



SECTION CUT



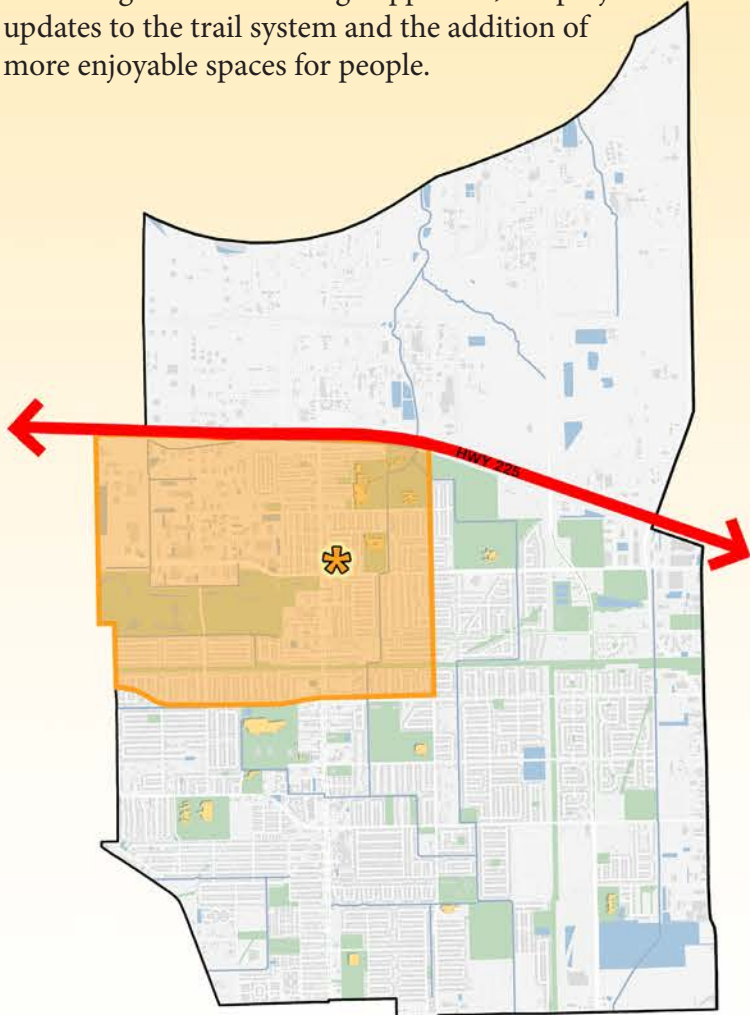
0 5 10 20'

6.3.1 McHENRY PARK AND ADULT CENTER - SITE LOCATION

McHENRY HEALTH PARK

The E.M. Maxwell Adult Center and McHenry Park, situated in the proposed Cultural-Arts district, share a parking lot and user group.

The park renovation aims to enhance existing features such as the pavilion, open space, and exercise equipment, making it appealing to all Deer Park residents. Embracing a holistic and intergenerational design approach, the project includes updates to the trail system and the addition of more enjoyable spaces for people.



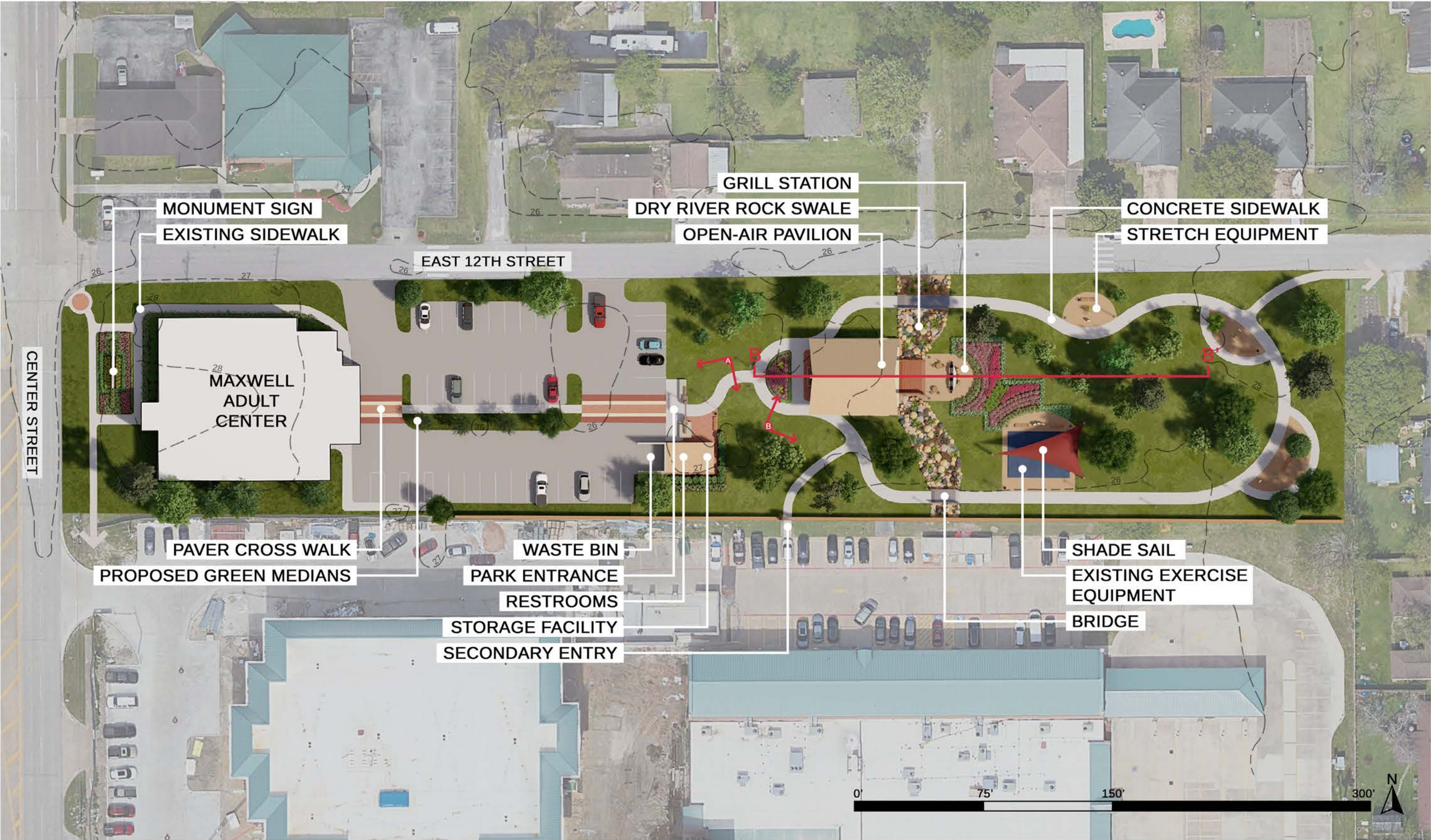
TARGET SITE DESIGN DISTRICT

- CULTURAL-ARTS DISTRICT
- McHENRY PARK
- PRINCIPAL ARTERIAL
- DEER PARK CITY BOUNDARY

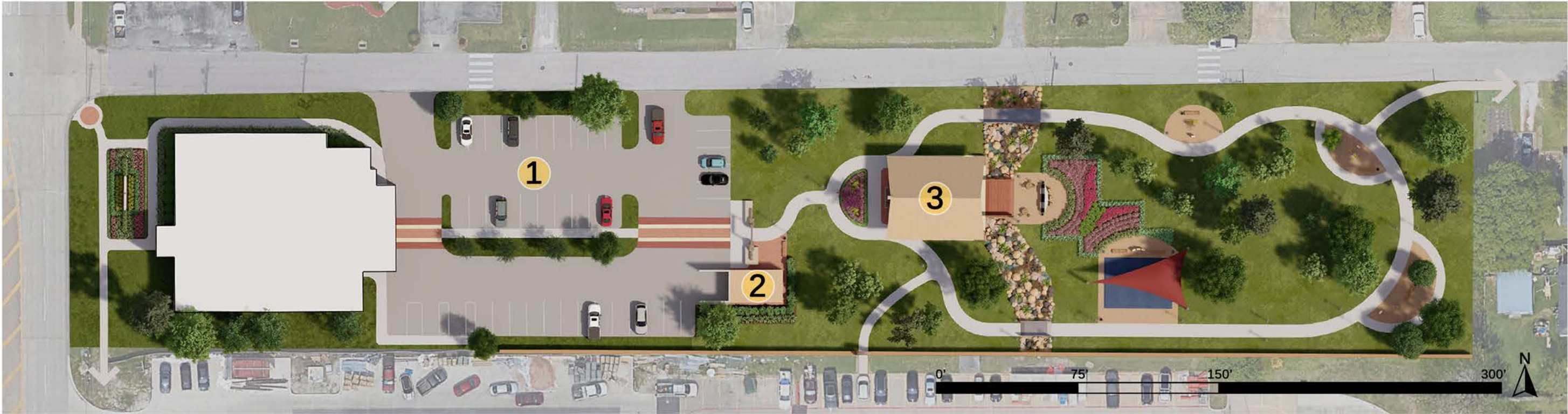


1	2	3
ADULT CENTER	McHENRY PARK	CENTER - PARK
USER GROUP Center Employees Deer Park Senior Residents (55+) Volunteers	USER GROUP Adult Center Visitors Deer Park Residents General Public Shell Federal Employees	PAVILION ~1,000 ft² 4 Picnic Tables
OPERATION HOURS Monday to Friday 8 AM - 5 PM	OPERATION HOURS Monday to Sunday Day Light Hours	EXERCISE PAD 10 Pieces of Equipment
SQUARE FOOTAGE ~9,000 ft²	ACREAGE ~3.2 Acres	WALKING TRAIL .16 Miles
		SHARED FEATURES Parking Lot
		PARKING SPACES Spaces: 48 ADA Spaces: 5

6.3.2 McHENRY HEALTH PARK - MASTER PLAN



6.3.3 McHENRY HEALTH PARK - PROGRAMMING OPPORTUNITIES



PROGRAMMING

1. RENOVATED PARKING LOT

- Existing Features:**
- 3 Parking Lot Entrances
 - 48 Parking Spots
 - 5 ADA Parking Spots

- Proposed Features:**
- 39 Parking Spots
 - 3 ADA Parking Spots
 - 2 Grass Medians
 - 8 Shade Trees
 - 2 Calming Crosswalks

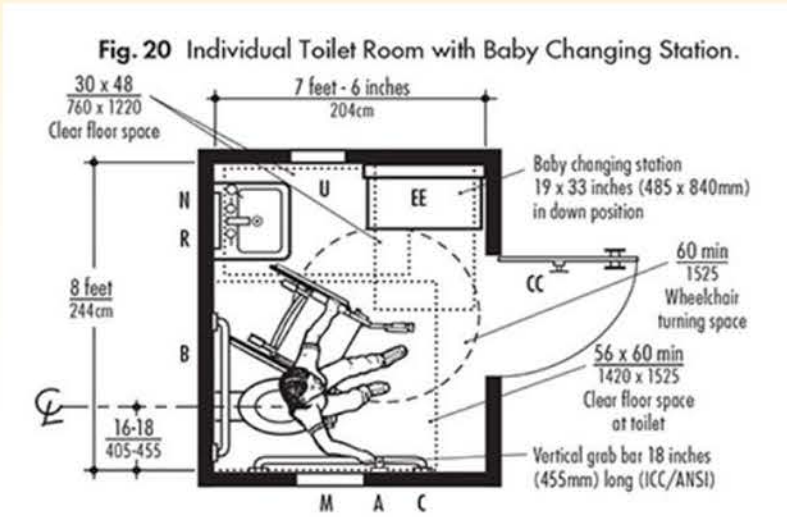
Example of Calming Crosswalks



2. RESTROOM AND STORAGE FACILITY

- Proposed Features:**
- 2 ADA Unisex Restrooms
 - 4 Water Fountains
 - 1 Storage Facility

Example of Unisex Restrooms



3. OPEN AIR PAVILION AND FIRE PLACE

- Existing Features:**
- 1 (1,000 Square Feet) Pavilion
 - 4 Picnic Tables
 - 1 Grill Station

- Proposed Features:**
- 1 (2,000 Square Feet) Open-Air Pavilion
 - 1 Two Sided Fire Place
 - Fixed Furniture
 - Deck Bridge
 - Grill Station - 2 Grills with Counter Height Table
 - Dry River Rock Swale
 - 2 Stainless Steel Walking Bridges
 - Proposed Plant Beds

Proposed Programming

- Rent-able Event Space (Examples: Birthdays)
- Event Space for Adult Center
- Camp Gladiator Location

Example of Pavilion Pavers



Example of Fire Place



6.3.4 McHENRY HEALTH PARK - PROGRAMMING OPPORTUNITIES



PROGRAMMING

4. OUTDOOR EXERCISE EQUIPMENT

Existing Features:

- 1 Rubber Pad for Outdoor Exercise Equipment
- 10 Outdoor Exercise Equipment

Proposed Features:

- 1 Shade Sail
- 3 Educational Health Signage
- 2 Resting Benches

Current Outdoor Exercise Equipment



5. ON TRAIL OUTDOOR EXERCISE EQUIPMENT

Proposed Features:

- 3 HealthBeat "Landscape Structures" Outdoor Equipment
- 3 HealthBeat "Landscape Structures" Welcome Signs

Station 1: HealthBeat Stretch



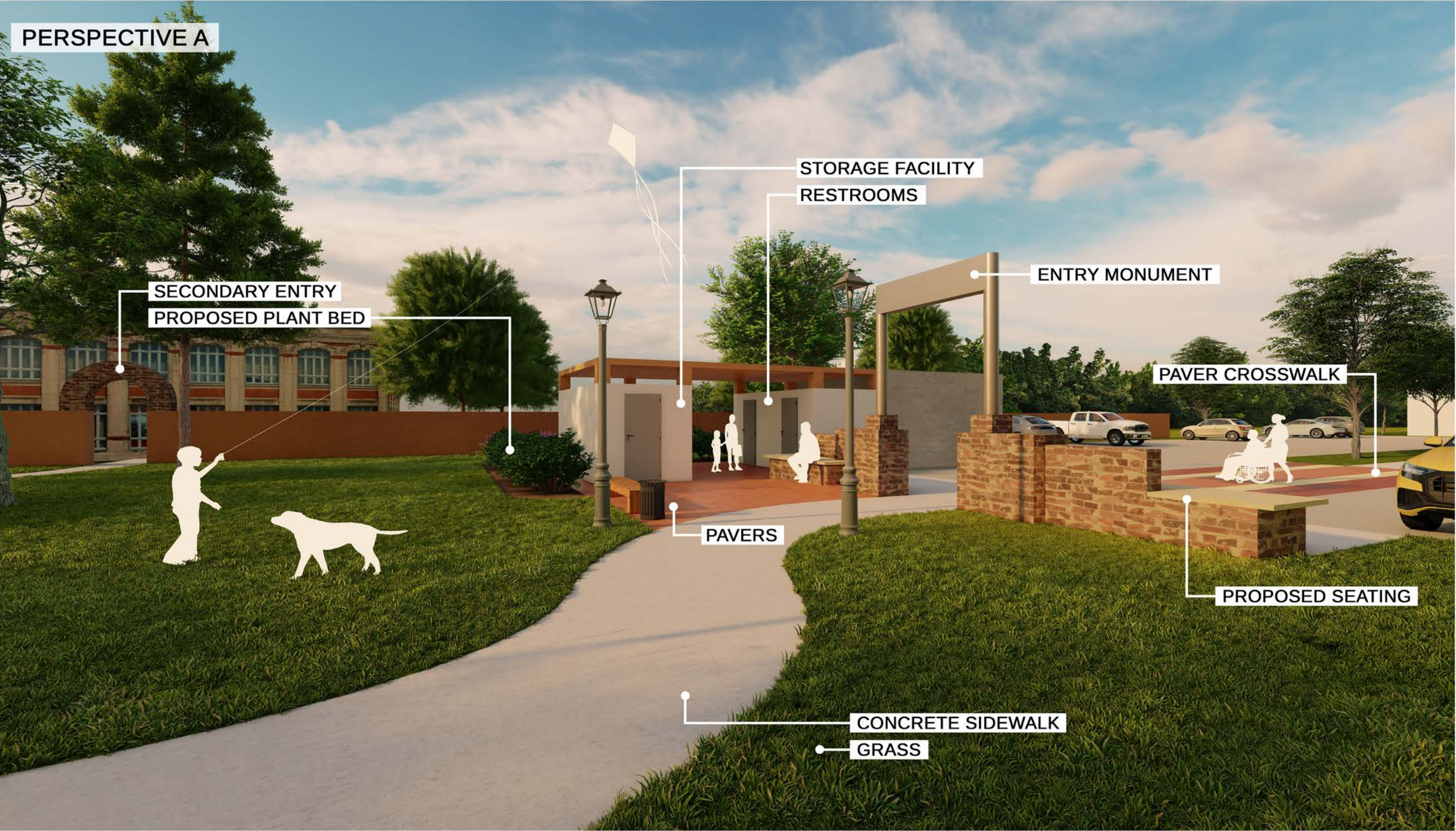
Station 2: HealthBeat Plyometrics



Station 3: HealthBeat Mobility



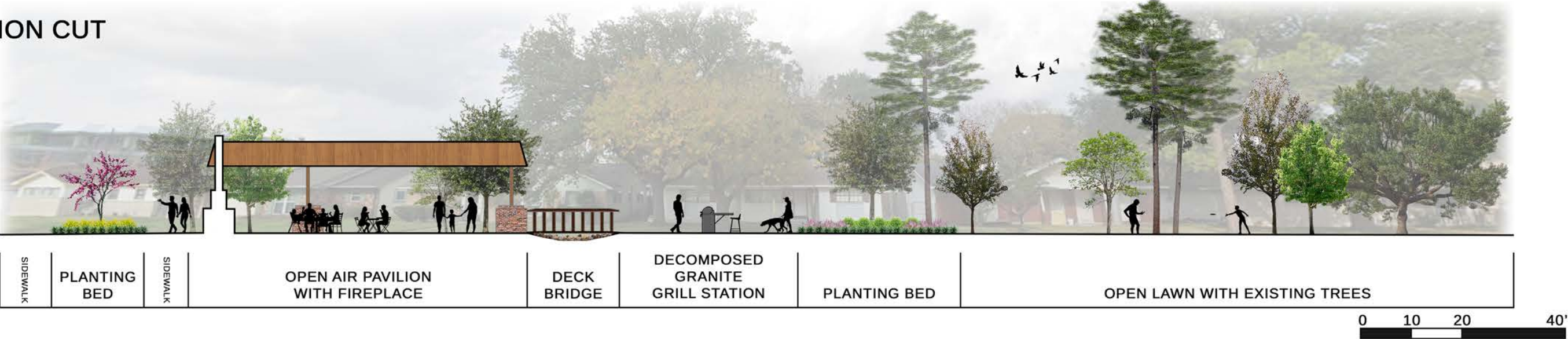
6.3.5 McHENRY HEALTH PARK - PARK ENTRANCE PERSPECTIVE



6.3.6 McHENRY HEALTH PARK - OPEN AIR PAVILION PERSPECTIVE AND SECTION CUT



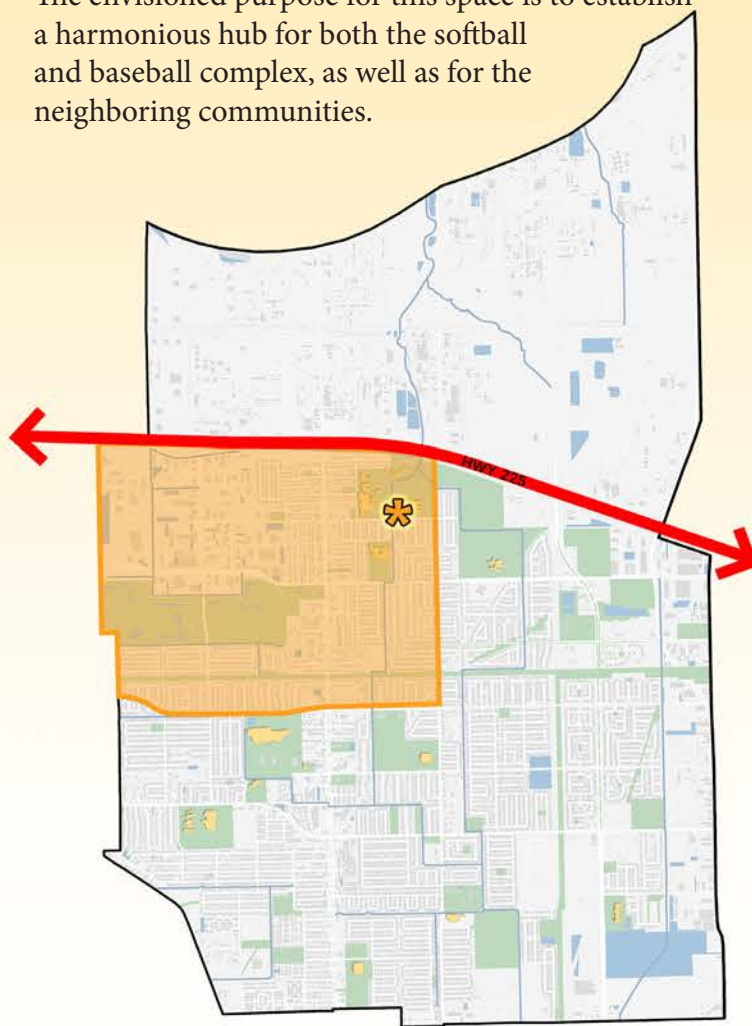
SECTION CUT



6.4.1 SAN JACINTO PARK - SITE LOCATION

SAN JACINTO PARK

In the vicinity of the Deer Park High School Softball field and the Jim Kethan Field lies an expanse of open space adorned with up to 20 majestic oak trees. This versatile area has served various purposes over time, transitioning from serene greenery to a bustling construction yard during nearby development projects. The envisioned purpose for this space is to establish a harmonious hub for both the softball and baseball complex, as well as for the neighboring communities.



TARGET SITE DESIGN DISTRICT

- CULTURAL-ARTS DISTRICT
- SAN JACINTO PARK
- PRINCIPAL ARTERIAL
- DEER PARK CITY BOUNDARY



1

TRAIL

USER GROUP

- Deer Park Students
- Park Visitors
- Deer Park Residents
- General Public

ELEMENTS

- Decomposed Granite Trail
- Length: ~ 1 Mile

2

CONCRETE SLAB

ELEMENT

- Multi-Purpose Slab

SQUARE FOOTAGE

- Slab: ~5,000 ft²

3

EXISTING TREES

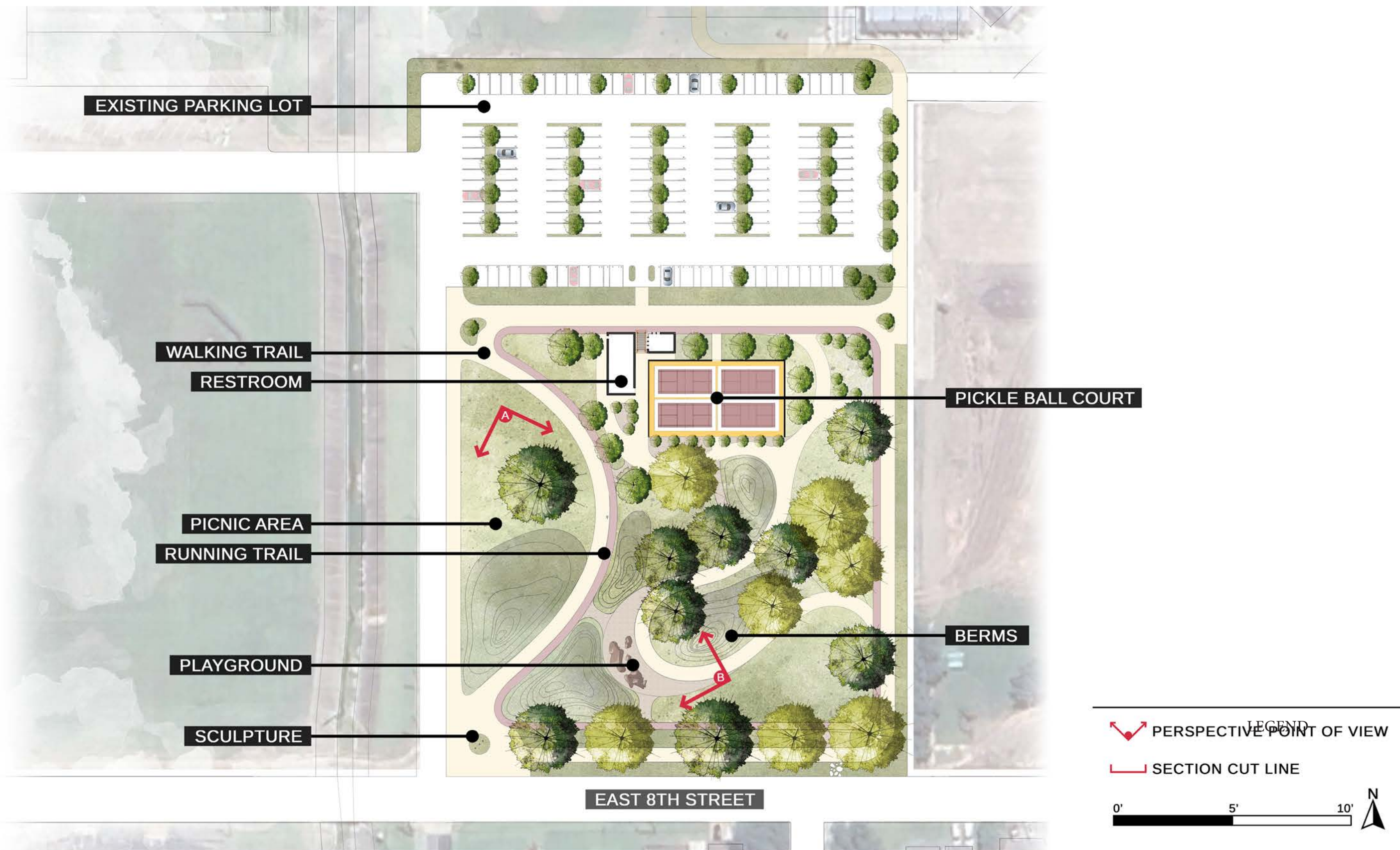
ELEMENT

- Mature Oak Trees

NUMBER OF TREES

- ~ 25 Trees

6.4.2 SAN JACINTO PARK - MASTER PLAN



6.4.3 SAN JACINTO PARK - PERSPECTIVES

PERSPECTIVE A



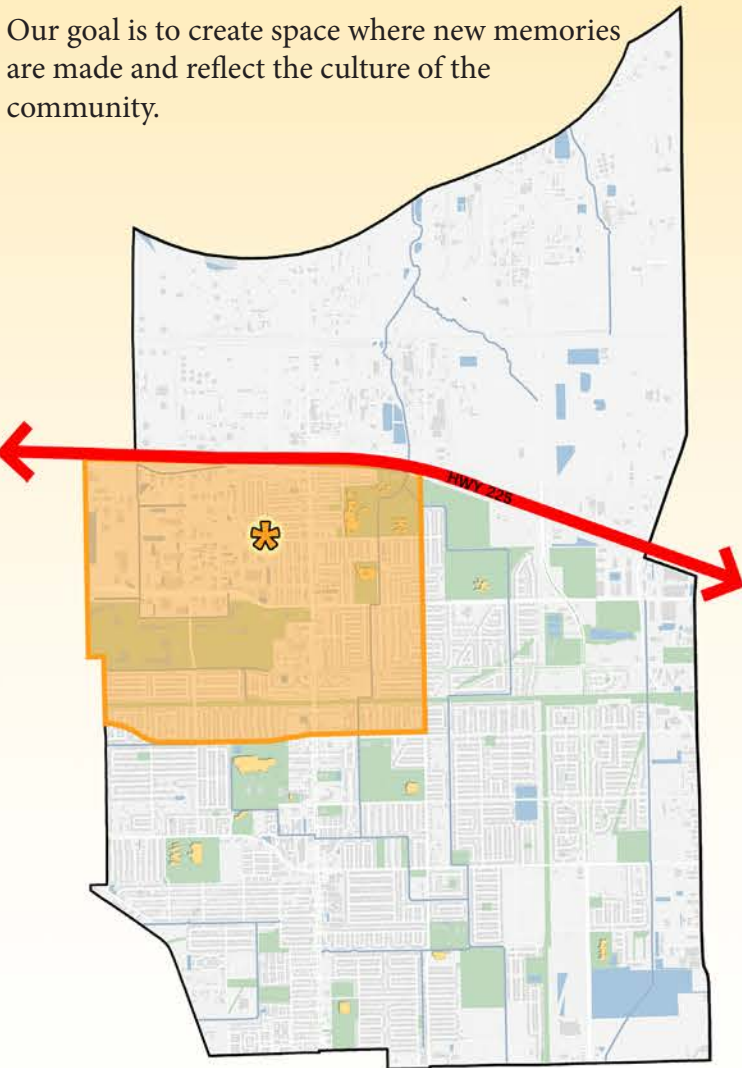
PERSPECTIVE B



6.5.1 AVON PARK - SITE LOCATION

Avon Park stands as the heart of the cities oldest neighborhood, serving as a cherished gathering place for generations. Our goal is to revitalize the park facilities and foster a vibrant cultural oasis for the community. Avon Park offers many different programming opportunities like the large playground, recreation center, and rental space for different occasions.

Our goal is to create space where new memories are made and reflect the culture of the community.



TARGET SITE DESIGN DISTRICT

- CULTURAL-ARTS DISTRICT
- AVON PARK
- PRINCIPAL ARTERIAL
- DEER PARK CITY BOUNDARY



1

OPEN-AIR PAVILION

USER GROUP

Specifically Children
Park Visitors
Deer Park Residents
General Public

ELEMENTS

Playground Set
Rock Wall
Zip-Line

SQUARE FOOTAGE

Playground: ~3,400 ft²

2

MULTI-PURPOSE ROOM

USER GROUP

Park Visitors
Deer Park Residents
General Public

ELEMENTS

1 Building
1 Room

SQUARE FOOTAGE

Building: ~1,100 ft²

3

RECREATION CENTER

USER GROUP

Park Visitors
Deer Park Residents
General Public

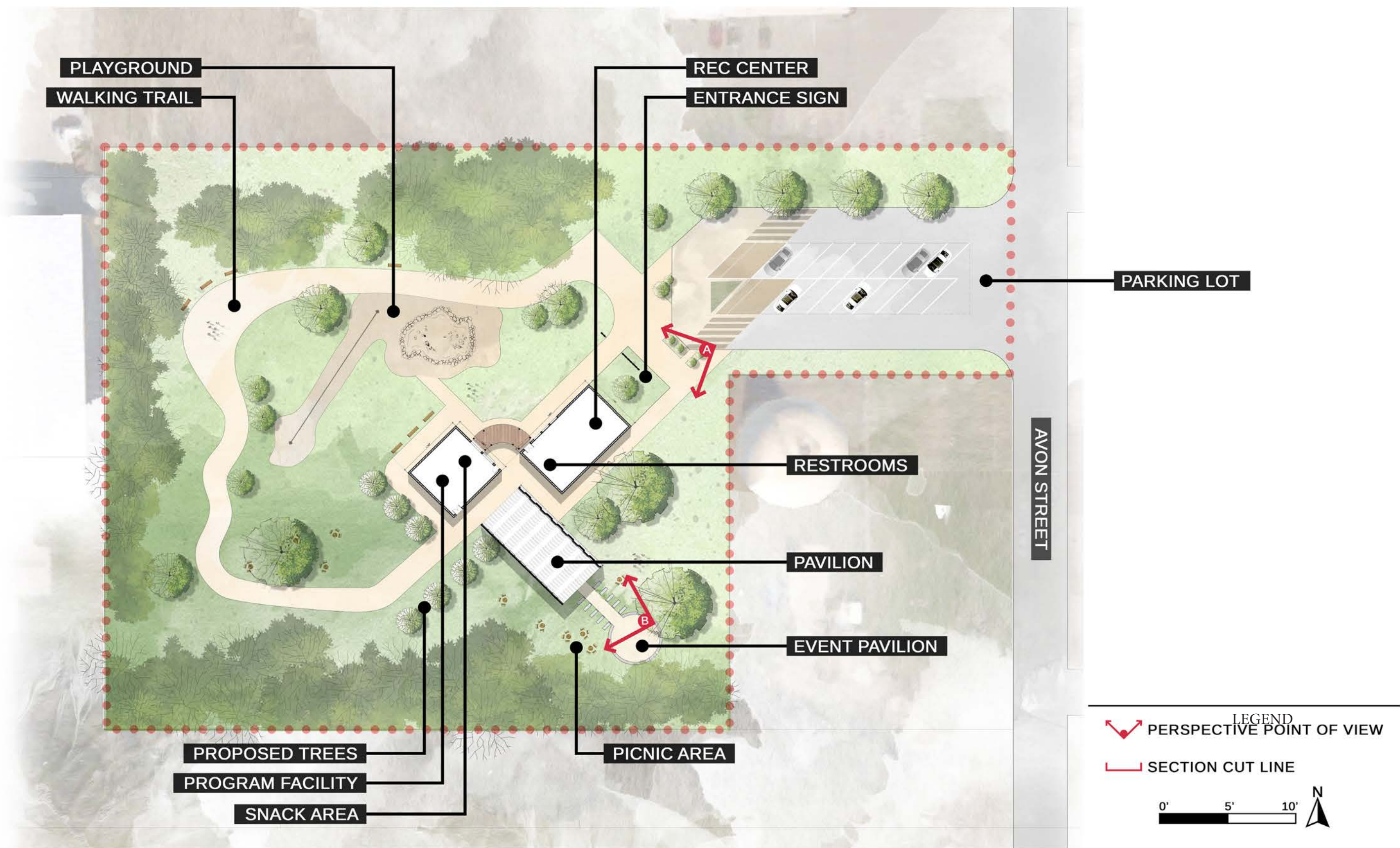
ELEMENTS

Restrooms
Water Fountains
15 Fitness Equipment Pieces

SQUARE FOOTAGE

Building: ~2,200 ft²

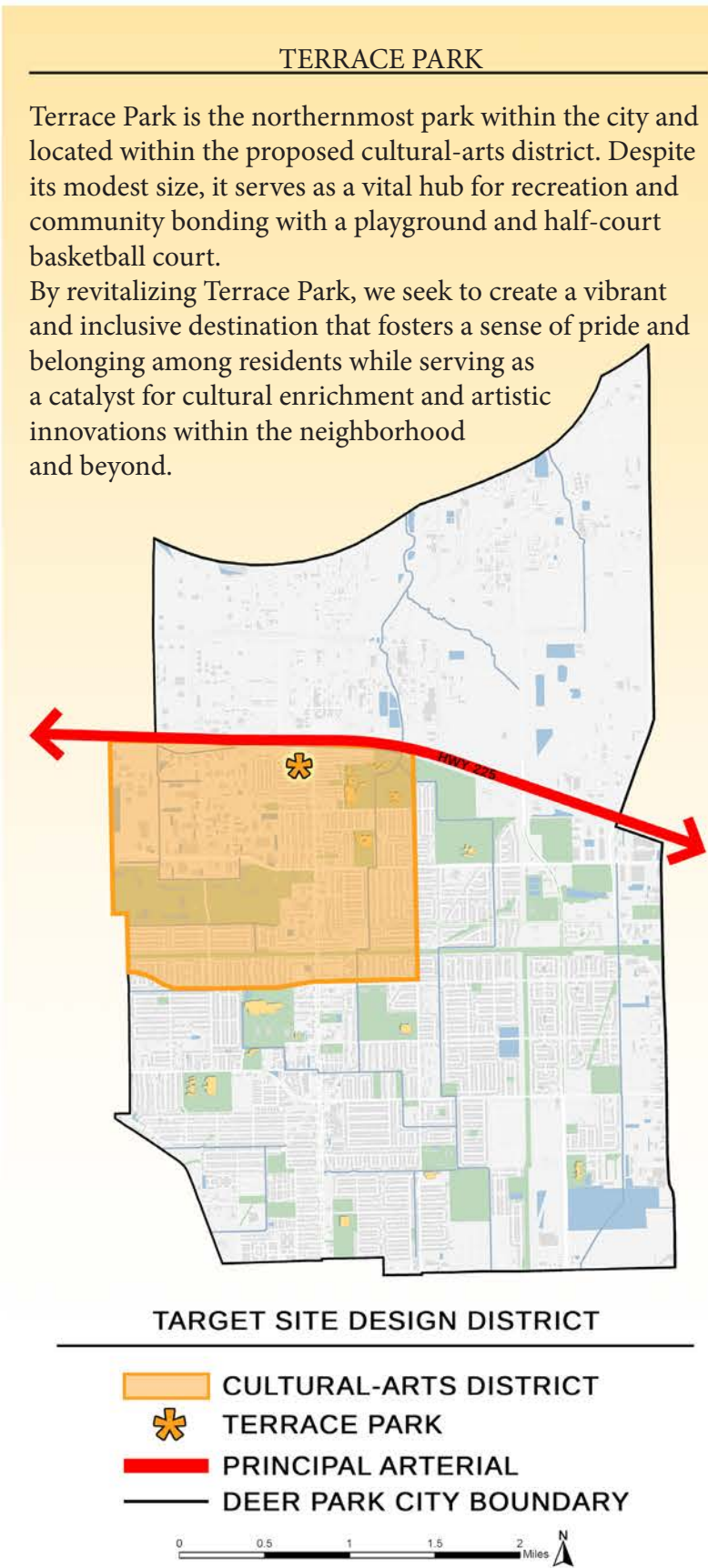
6.5.2.X AVON PARK - MASTER PLAN



6.5.3 AVON PARK - PERSPECTIVES



6.6.1 TERRACE PARK - SITE LOCATION



- 1**

OPEN-AIR PAVILION

USER GROUP
Park Visitors
Deer Park Residents
General Public

ELEMENTS
Picnic Table
Trash Can

SQUARE FOOTAGE
Large Pavilion: ~600 ft²
- 2**

PLAY AREA

USER GROUP
Specifically Children
Park Visitors
Deer Park Residents
General Public

ELEMENTS
Playground Set
3 Slides
Swing Set

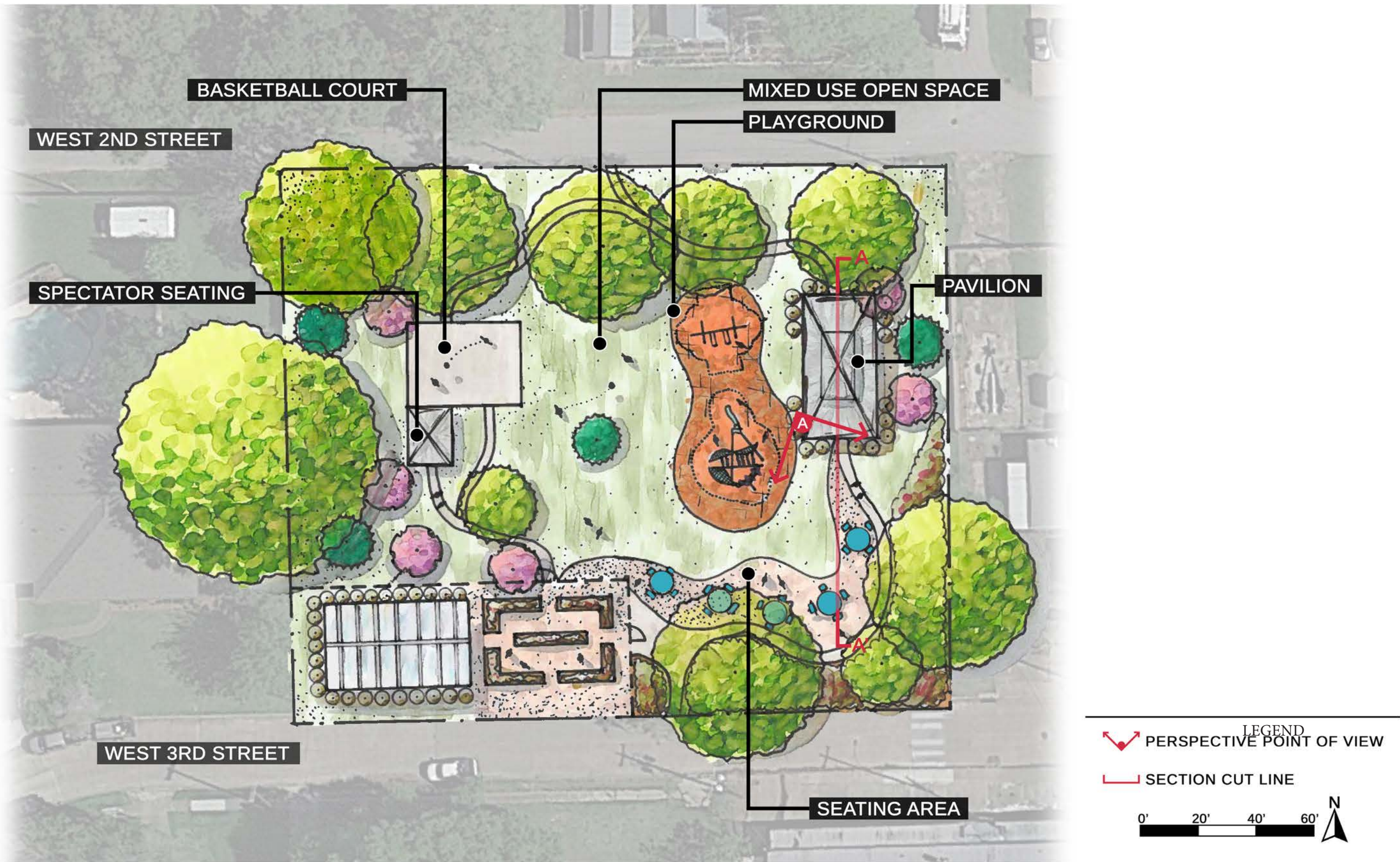
SQUARE FOOTAGE
Playground: ~2,500 ft²
- 3**

BASKETBALL COURT

USER GROUP
Youth
Park Visitors
Deer Park Residents
General Public

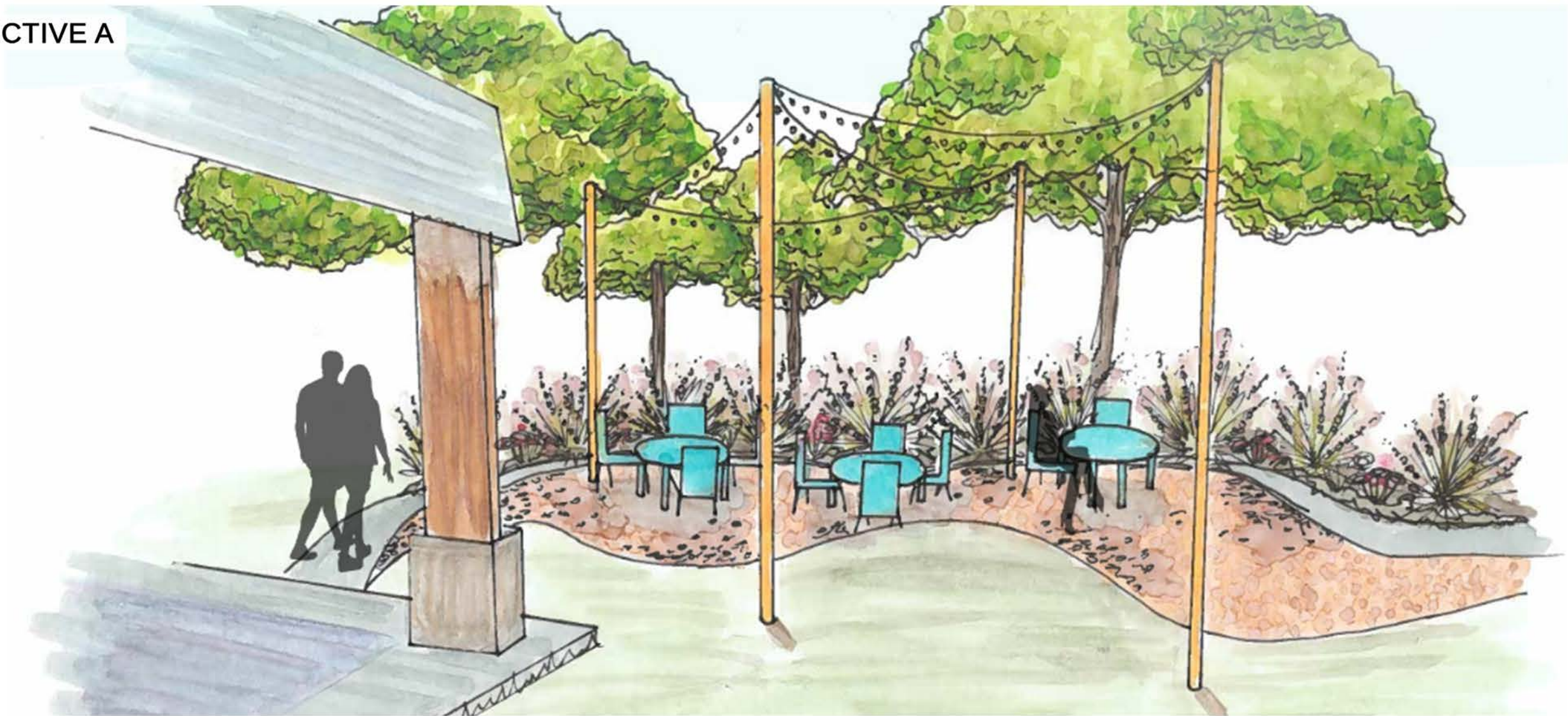
ELEMENTS
Half Court
1 Basketball Goal Post

6.6.2 TERRACE PARK - MASTER PLAN

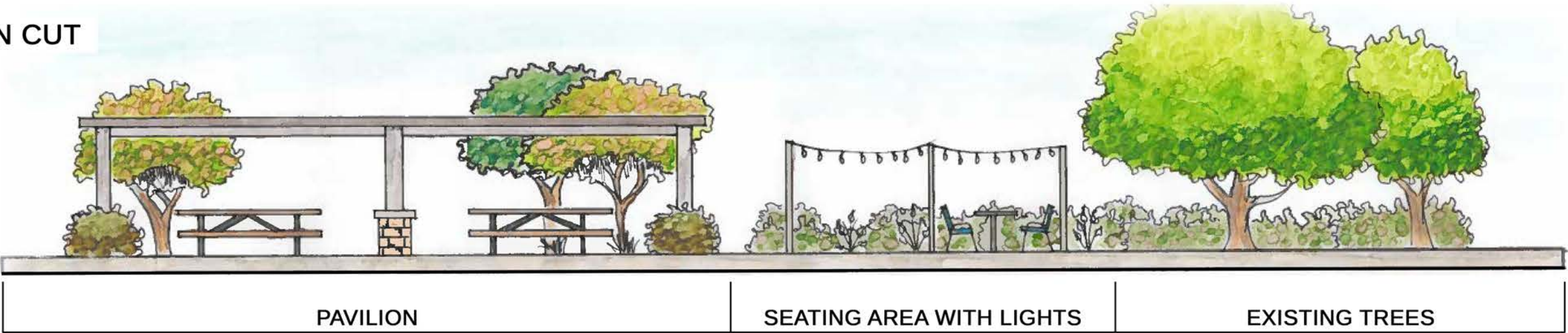


6.6.3 TERRACE PARK - PERSPECTIVE AND SECTION CUT

PERSPECTIVE A



SECTION CUT



PAVILION

SEATING AREA WITH LIGHTS

EXISTING TREES

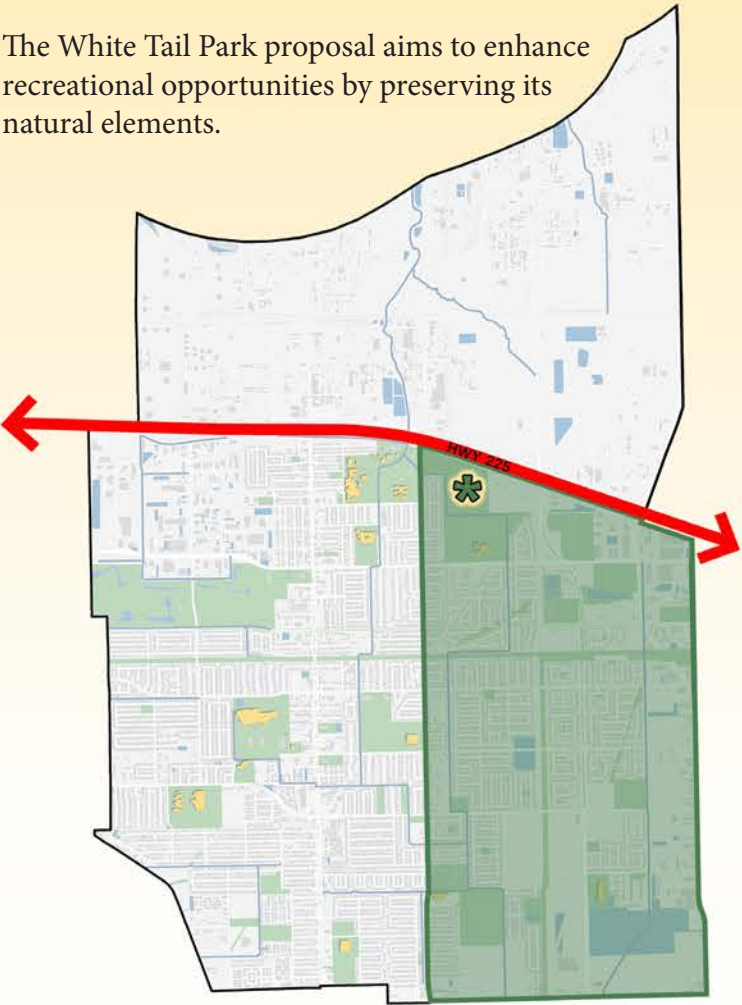
0' 5' 10' 20'

6.7.1 PATRICK'S BAYOU - SITE LOCATION

PATRICK'S BAYOU DETENTION POND

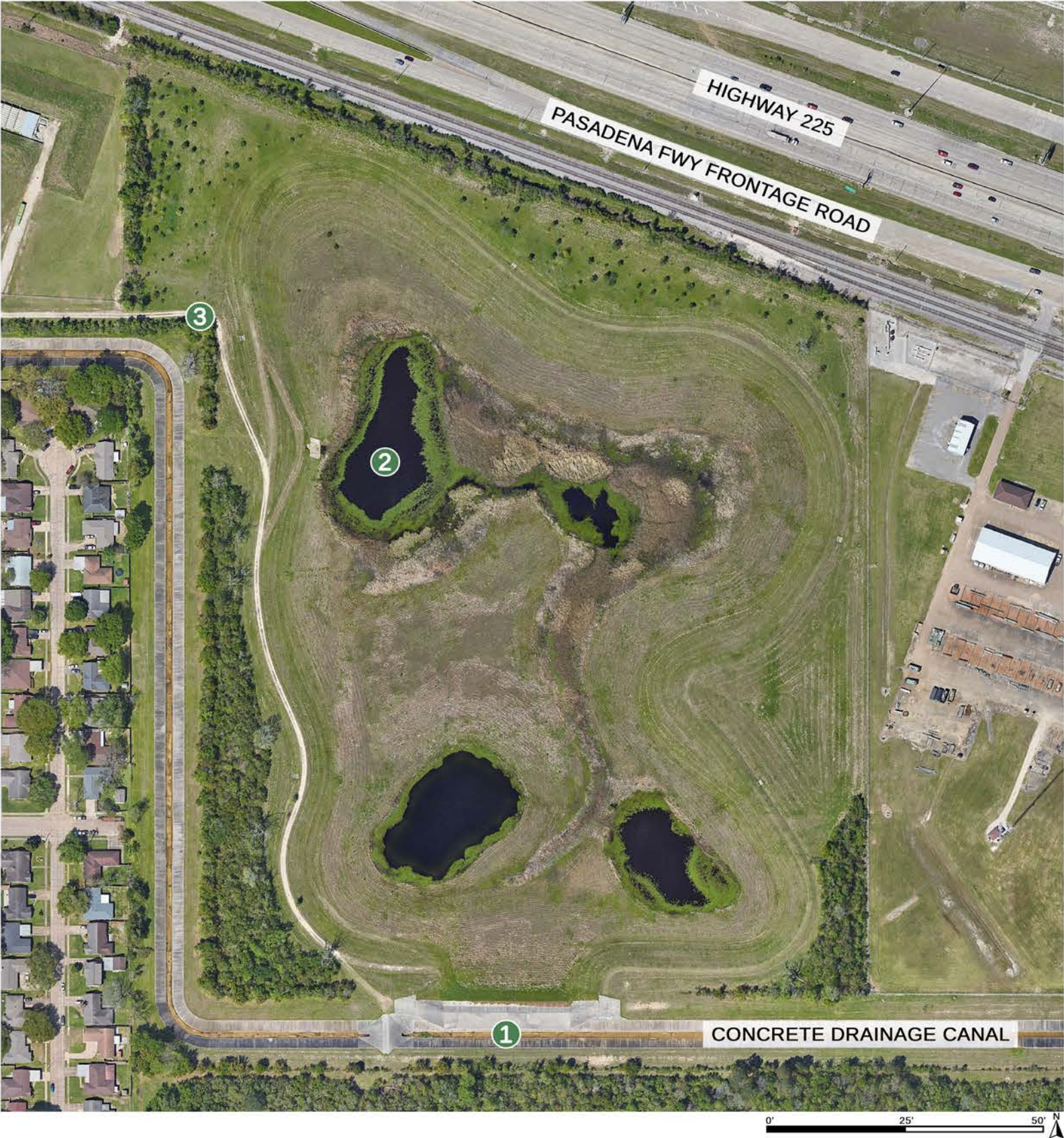
In the planned nature district, the main goal is to conserve natural elements while incorporating more green spaces, vegetation, and educational opportunities about nature. The detention pond, situated at the northernmost point under the 225 Highway, currently serves to manage water during storms/flooding. Eventually, stormwater will flow north to the Buffalo Bayou Canal.

The White Tail Park proposal aims to enhance recreational opportunities by preserving its natural elements.



TARGET SITE DESIGN DISTRICT

- NATURE DISTRICT
- PATRICK'S BAYOU DETENTION POND
- PRINCIPAL ARTERIAL
- DEER PARK CITY BOUNDARY



1

PATRICK'S BAYOU

ELEMENT

Man-Made Concrete
Drainage Canal with
Overflow Gutter

FUNCTIONS

Funnel Stormwater to
Buffalo Bayou Canal

2

DETENTION POND

ELEMENT

Natural Land
Detention Pond with
4 Distinct Ponds

FUNCTIONS

Designed to Manage an Influx
Stormwater Runoff with
Natural Filtration Practices
with Vegetation and Soil

3

SERVICE ROAD

ELEMENT

Gravel Based 10 Foot
Service Road

FUNCTIONS

Provides Throughfair and
Access for Maintenance
Purposes

6.7.2 WHITE TAIL PARK - MASTER PLAN

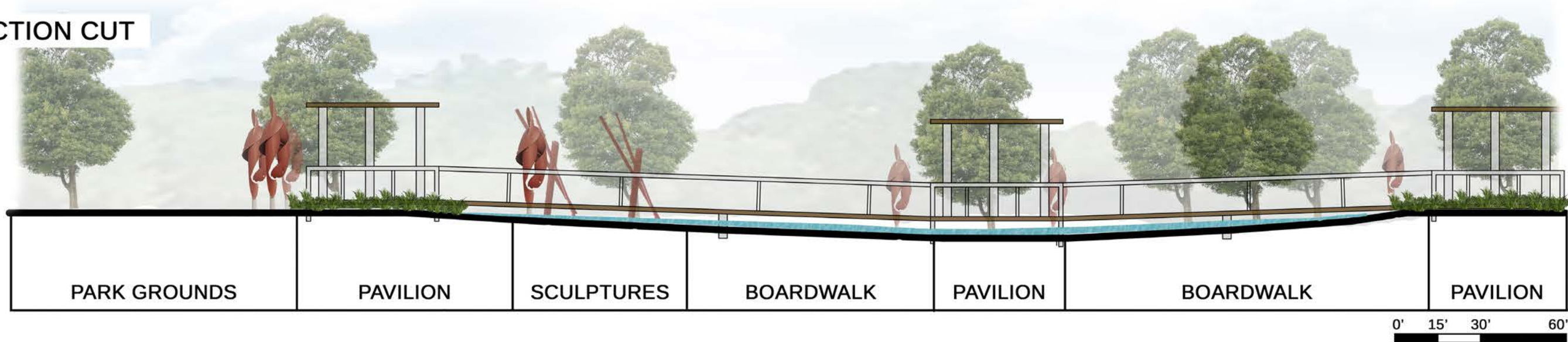


6.7.3 WHITE TAIL PARK - PERSPECTIVE AND SECTION CUT

PERSPECTIVE A



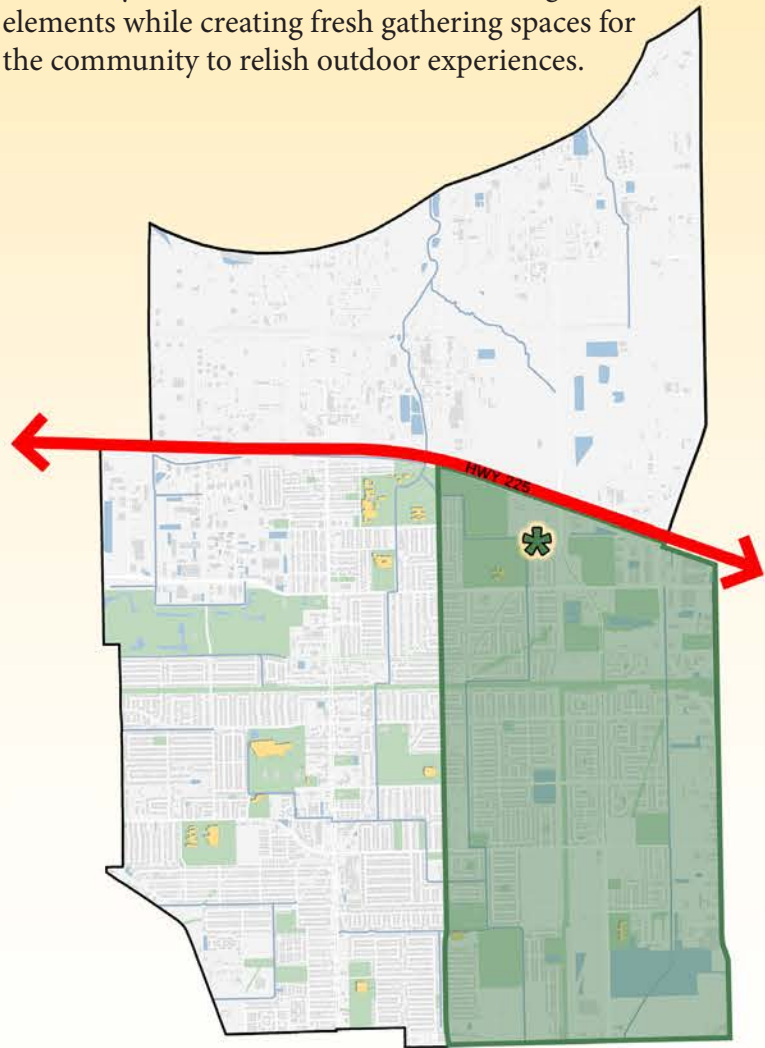
SECTION CUT



6.8.1 PARK GREEN PARK - SITE LOCATION

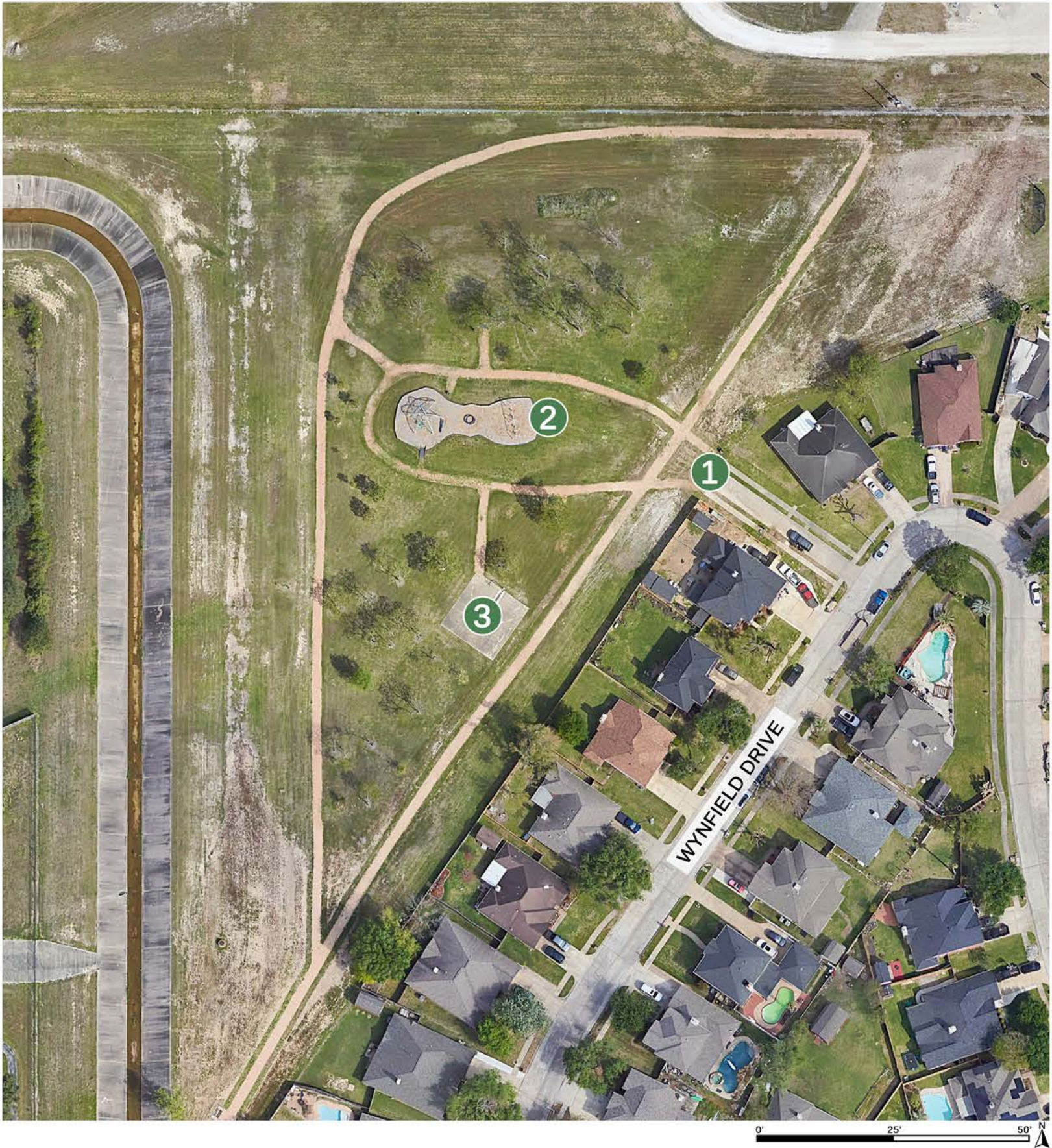
PARK GREEN PARK

Park Green Park, nestled within the envisioned nature district, serves as a central hub connecting Deer Park ISD elementary school and the surrounding community neighborhood. Its primary objective is to ensure accessibility for all, fostering easy entry into the park. Through its ongoing renovations, the park seeks to seamlessly blend with nature, reintroducing natural elements while creating fresh gathering spaces for the community to relish outdoor experiences.



TARGET SITE DESIGN DISTRICT

- NATURE DISTRICT
- PARK GREEN PARK
- PRINCIPAL ARTERIAL
- DEER PARK CITY BOUNDARY



1

PARK ENTRANCE

ELEMENT

Park street transitions seamlessly from a neighborhood road to decomposed granite trail within the park grounds.

FUNCTIONS

Street serves as both visitor parking and gateway into park grounds. Trail system acts as network of hike and bike trail for park visitors.

2

PLAYGROUND

USER GROUP

Specifically Children
Park Visitors
Deer Park Residents
General Public

ELEMENTS

Playground Set
Swing Set

SQAURE FOOTAGE

Playground: ~2,800 ft²

3

BASKETBALL COURT

USER GROUP

Youth
Park Visitors
Deer Park Residents
General Public

ELEMENTS

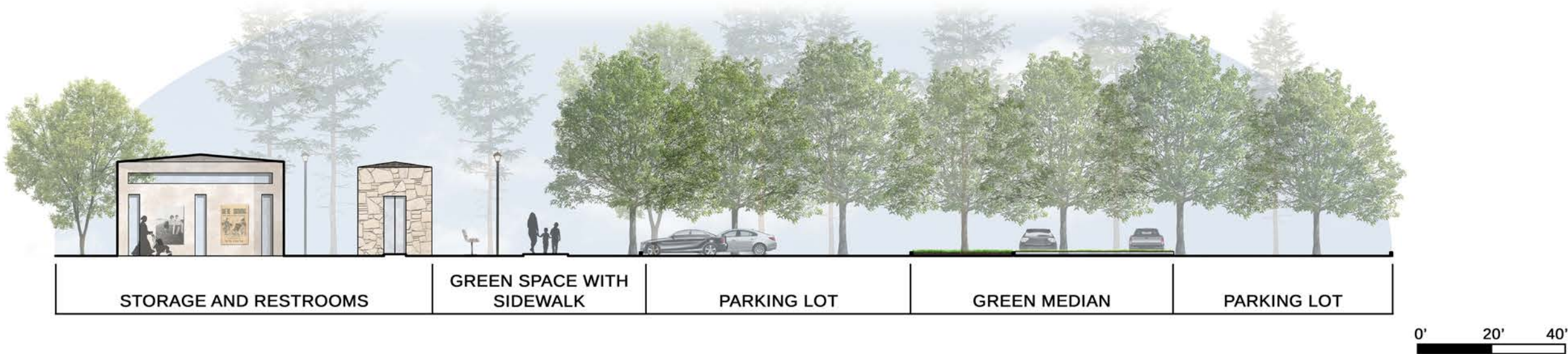
Half Court
1 Basketball Goal Post



6.8.3 ARK GREEN PARK - PERSPECTIVE AND SECTION CUT

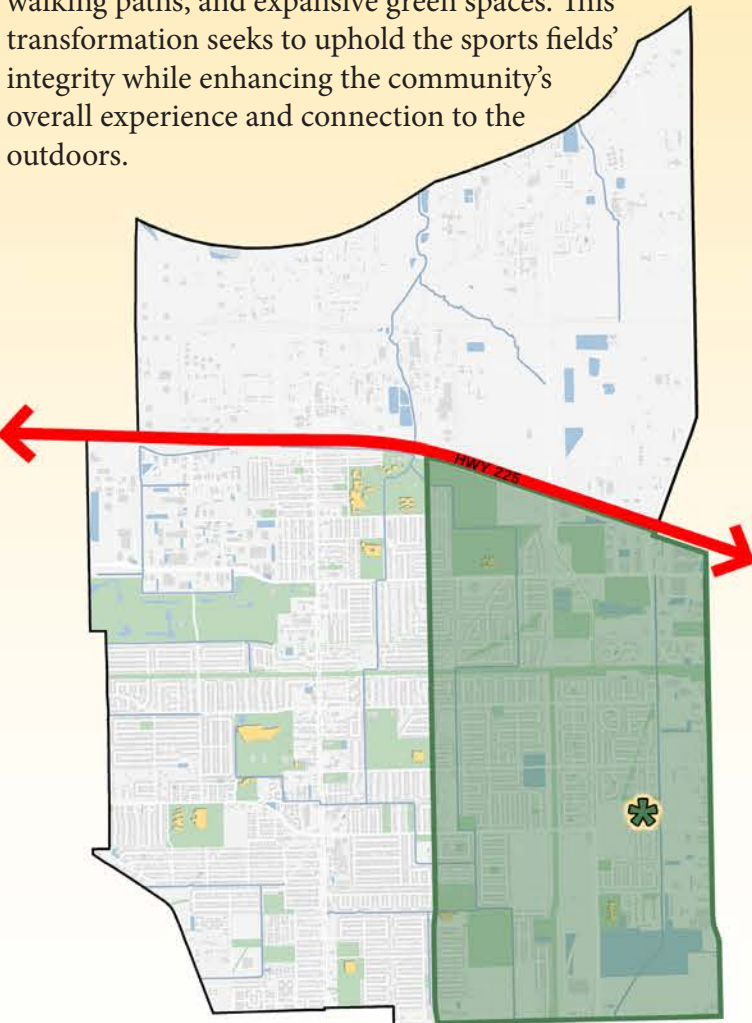


SECTION CUT



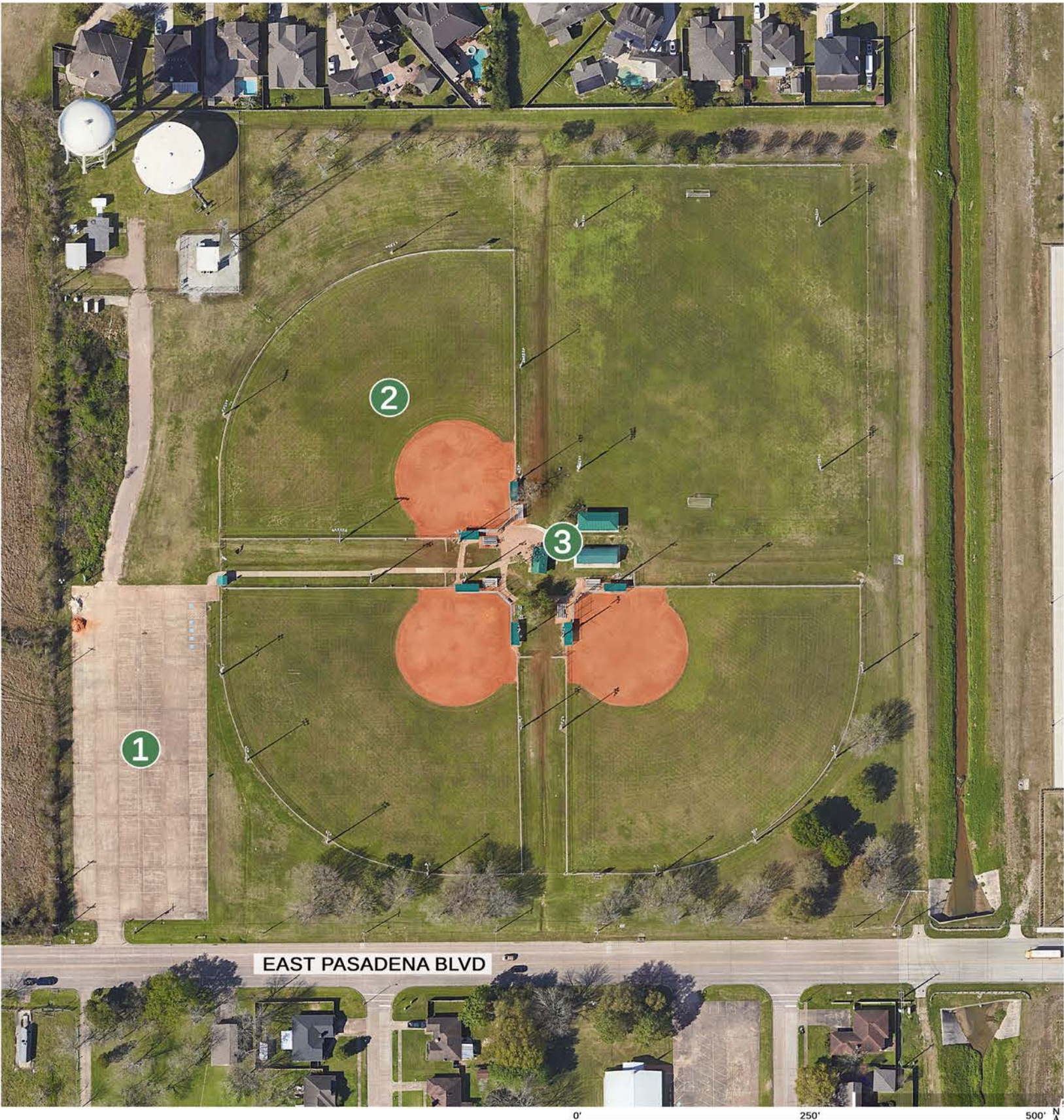
6.9.1 ADULT SPORTS COMPLEX - SITE LOCATION

The Adult Sports Complex stands as a cornerstone of the city, bustling with adult intramural games and youth tournaments. With three softball fields and a versatile multi-purpose field, it remains a popular destination for visitors. The impending renovation aims to seamlessly integrate nature's essence, incorporating shade trees, winding walking paths, and expansive green spaces. This transformation seeks to uphold the sports fields' integrity while enhancing the community's overall experience and connection to the outdoors.



TARGET SITE DESIGN DISTRICT

- NATURE DISTRICT
- ADULT SPORTS COMPLEX
- PRINCIPAL ARTERIAL
- DEER PARK CITY BOUNDARY



1

PARKING LOT

ELEMENTS

1 Entrance and Exit
132 Regular Parking Spots
5 ADA Parking Spots

FUNCTIONS

Street serves as both visitor parking and gateway into park grounds.
Entrance to utility grounds is located within parking lot.

2

SPORTS FIELDS

USER GROUP

Park Visitors
Deer Park Residents
General Public

ELEMENTS

3 Softball Fields with Bleachers
1 Multi-Purpose Field

PROGRAMMING

Adult Tournaments
Youth Tournaments

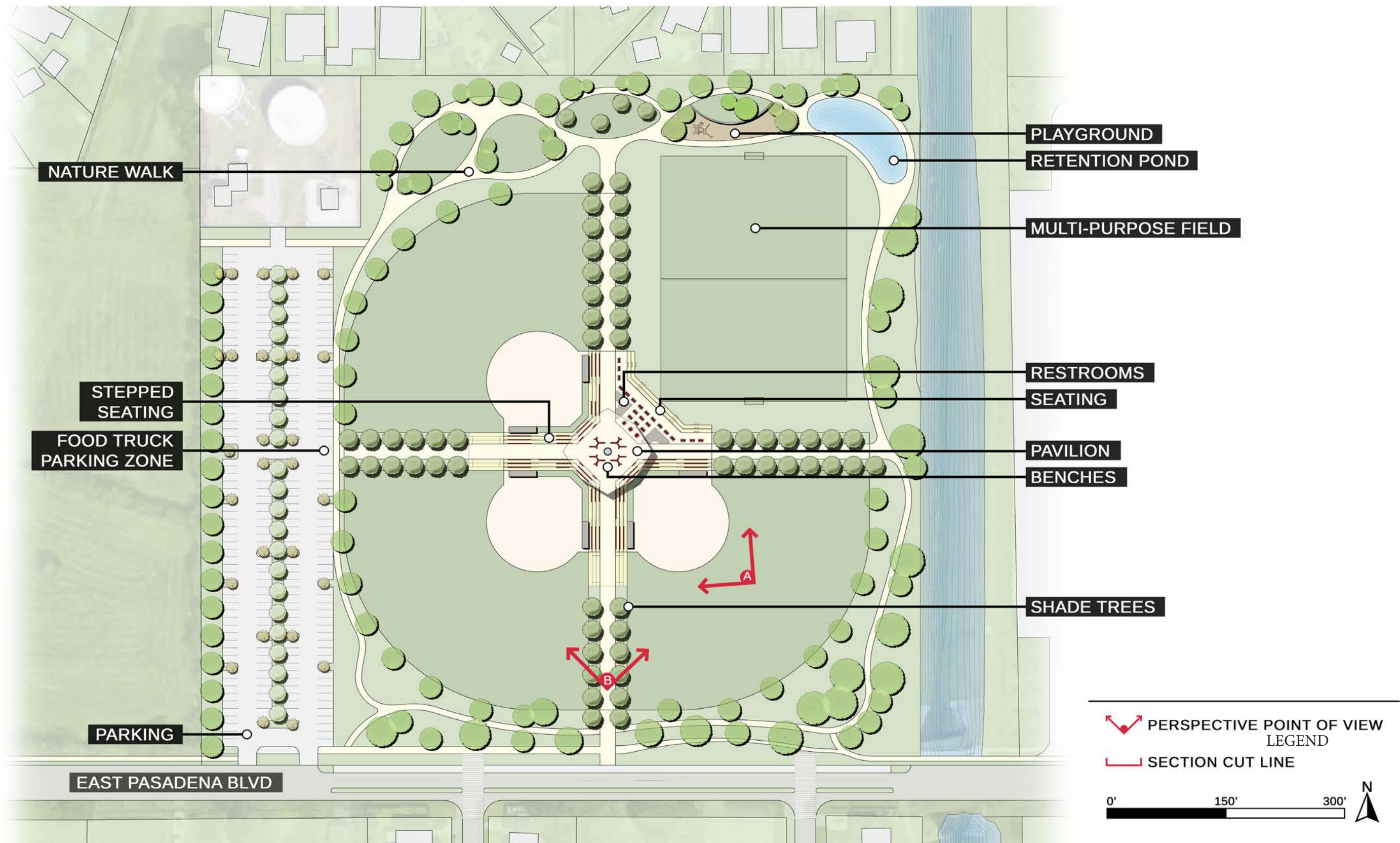
3

COMPLEX FEATURES

ELEMENTS

Restrooms
Concession Stand
Pavilion
Bleachers
Dugouts
Sidewalks
Storage Facility

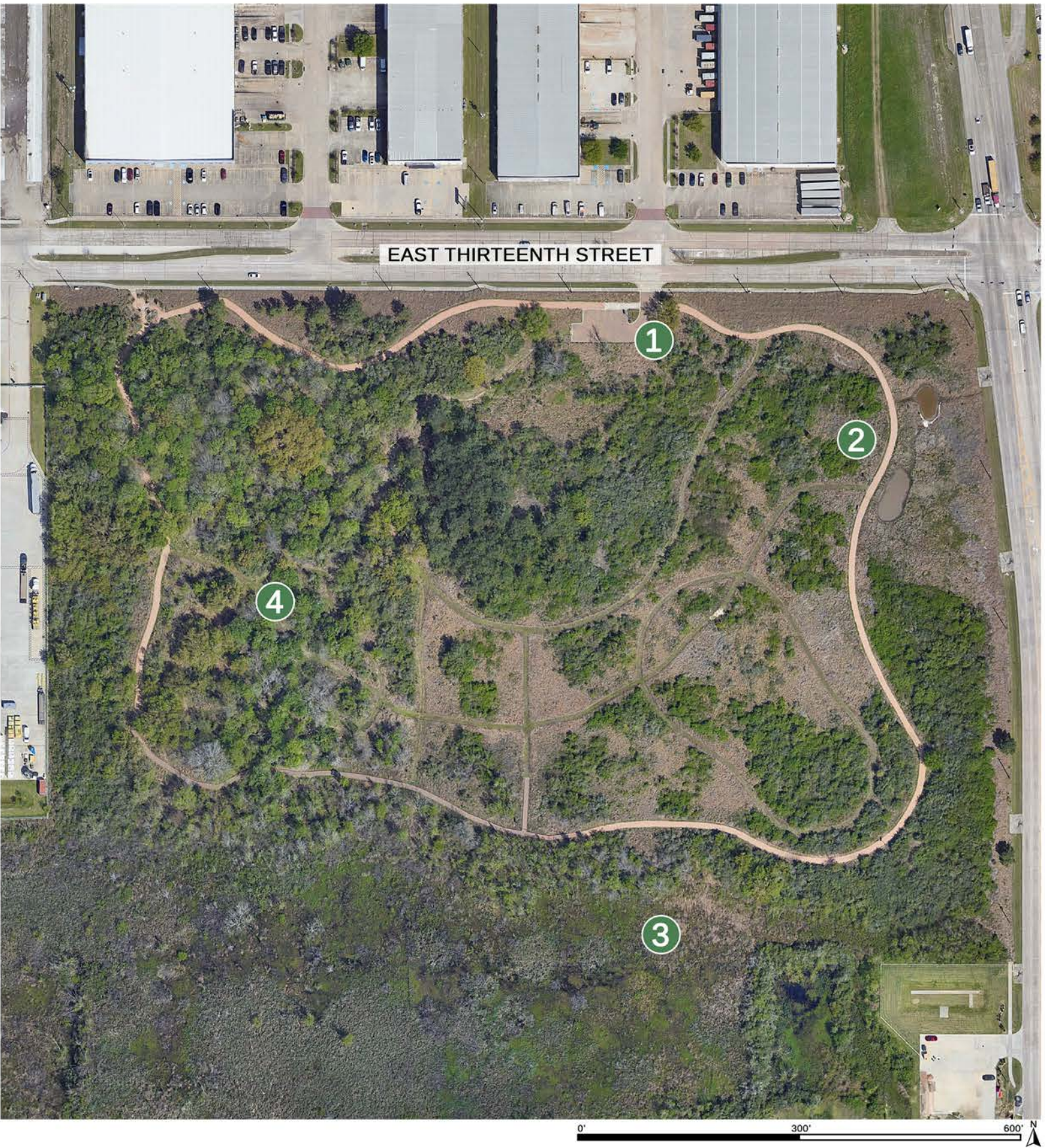
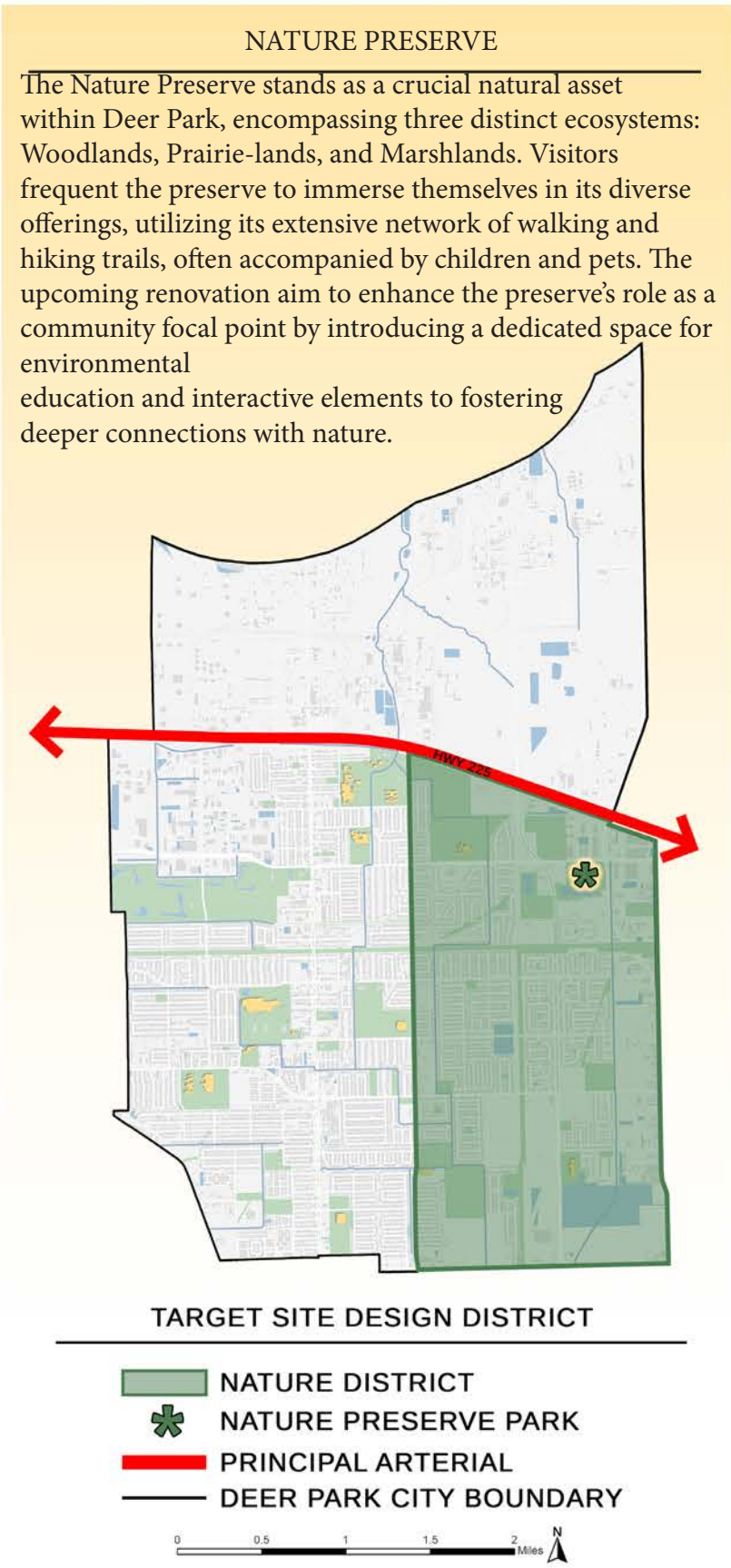
6.9.2 ADULT SPORTS COMPLEX - MASTER PLAN



6.9.3 ADULT SPORTS COMPLEX - PERSPECTIVE



6.10.1 NATURE PRESERVE - SITE LOCATION



- 1

PARK ENTRANCE

ELEMENT

Permeable Parking Lot
6 Parking Spots

FUNCTIONS

Primary Entrance into
Nature Preserve
- 2

GRASSLAND

LOCATION

Right Side of
Park Land

TYPES OF VEGETATION

Big Blue Stem
Bushy Bluestem
Inland Sea-Oats
Eastern Gammagrass
- 3

MARSHLAND

LOCATION

Bottom Portion of Preserve
Protected Land

TYPES OF VEGETATION

Tall-grass Prairies
Live Oak Woodlands
- 4

WOODLANDS

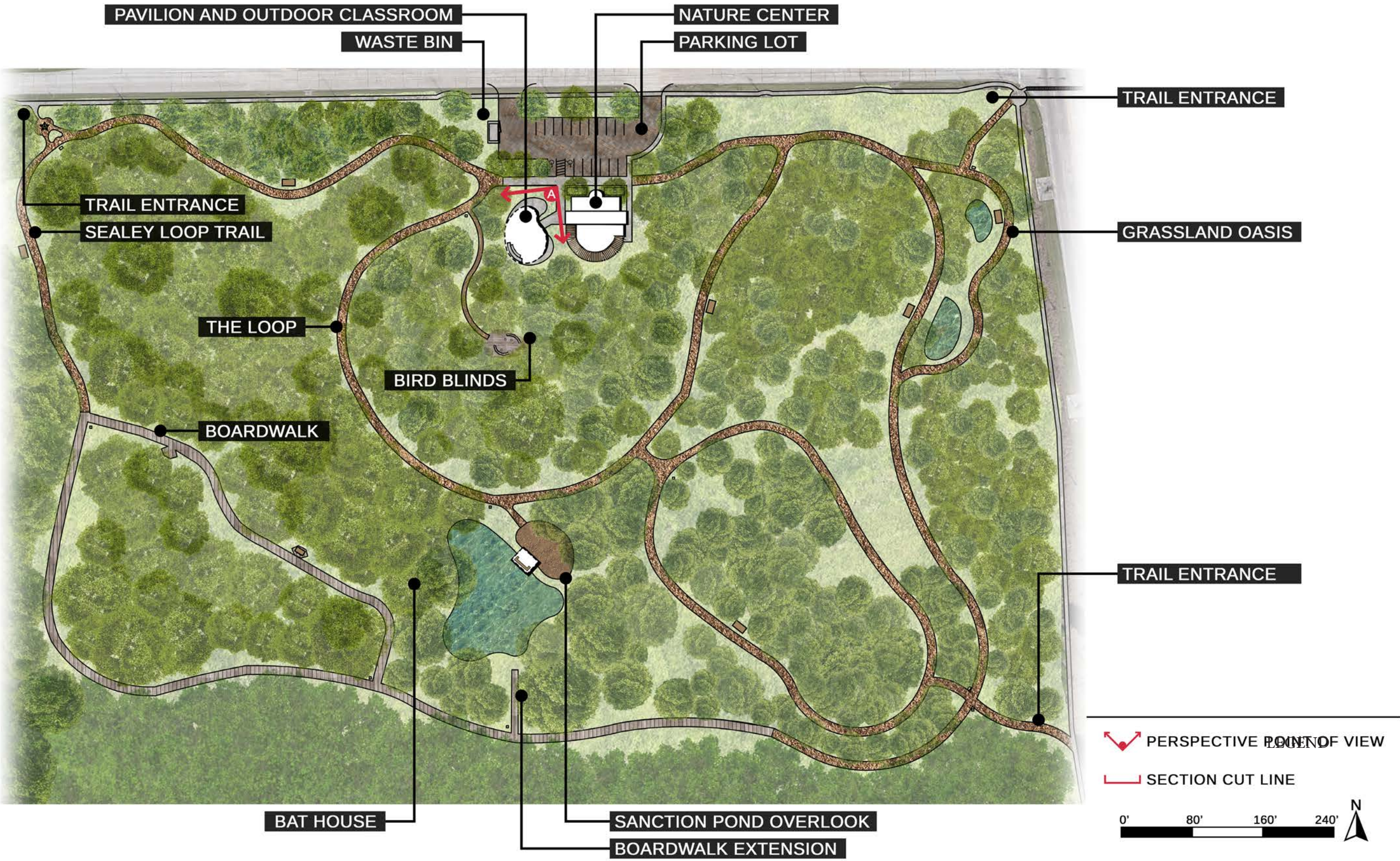
LOCATION

Left Side of
Park Land

TYPES OF VEGETATION

Water Oak
Shumard Red Oak
Loblolly Pine
American Elm

6.10.2 NATURE PRESERVE - MASTER PLAN



6.10.3 NATURE PRESERVE - PERSPECTIVE

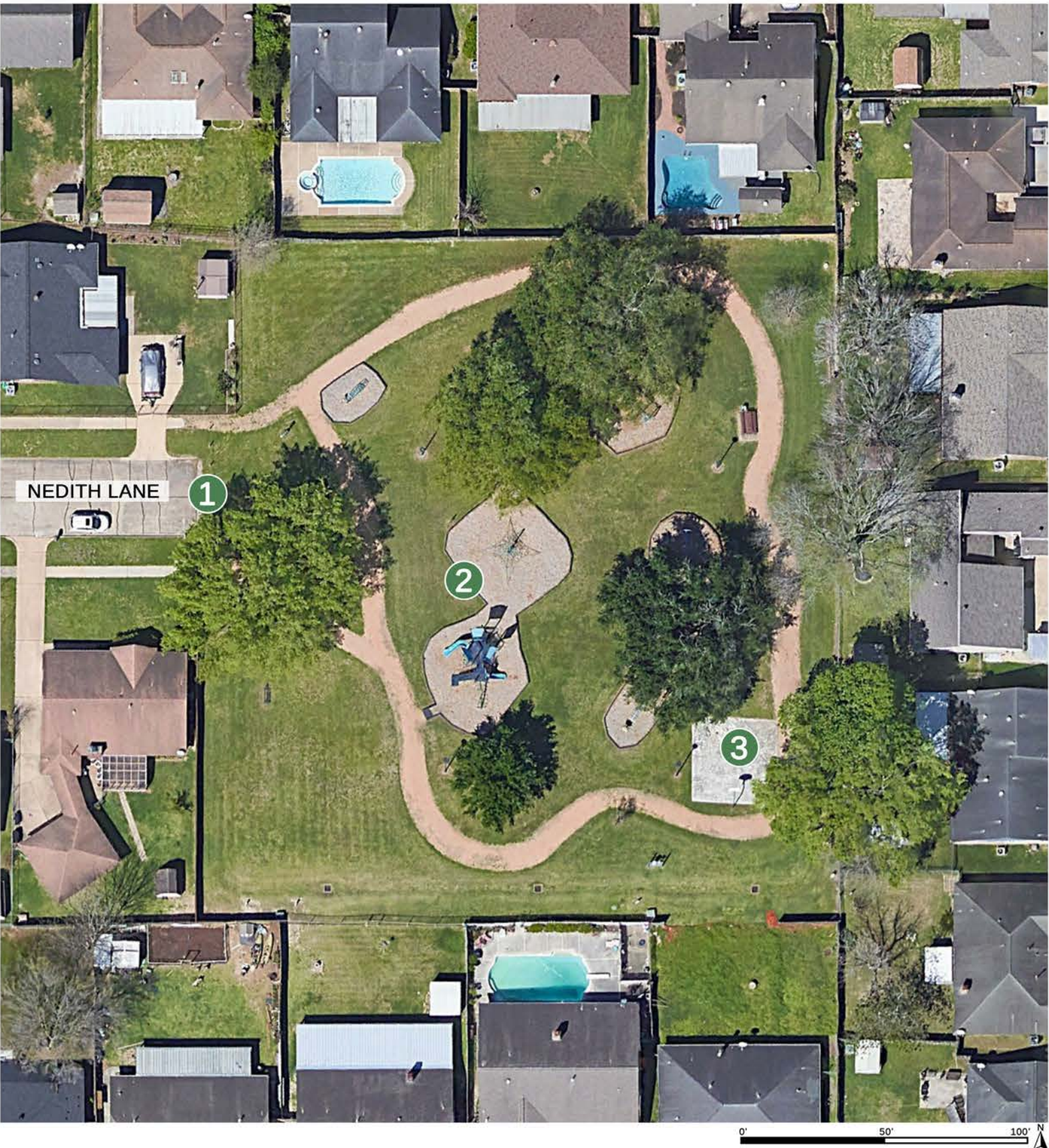
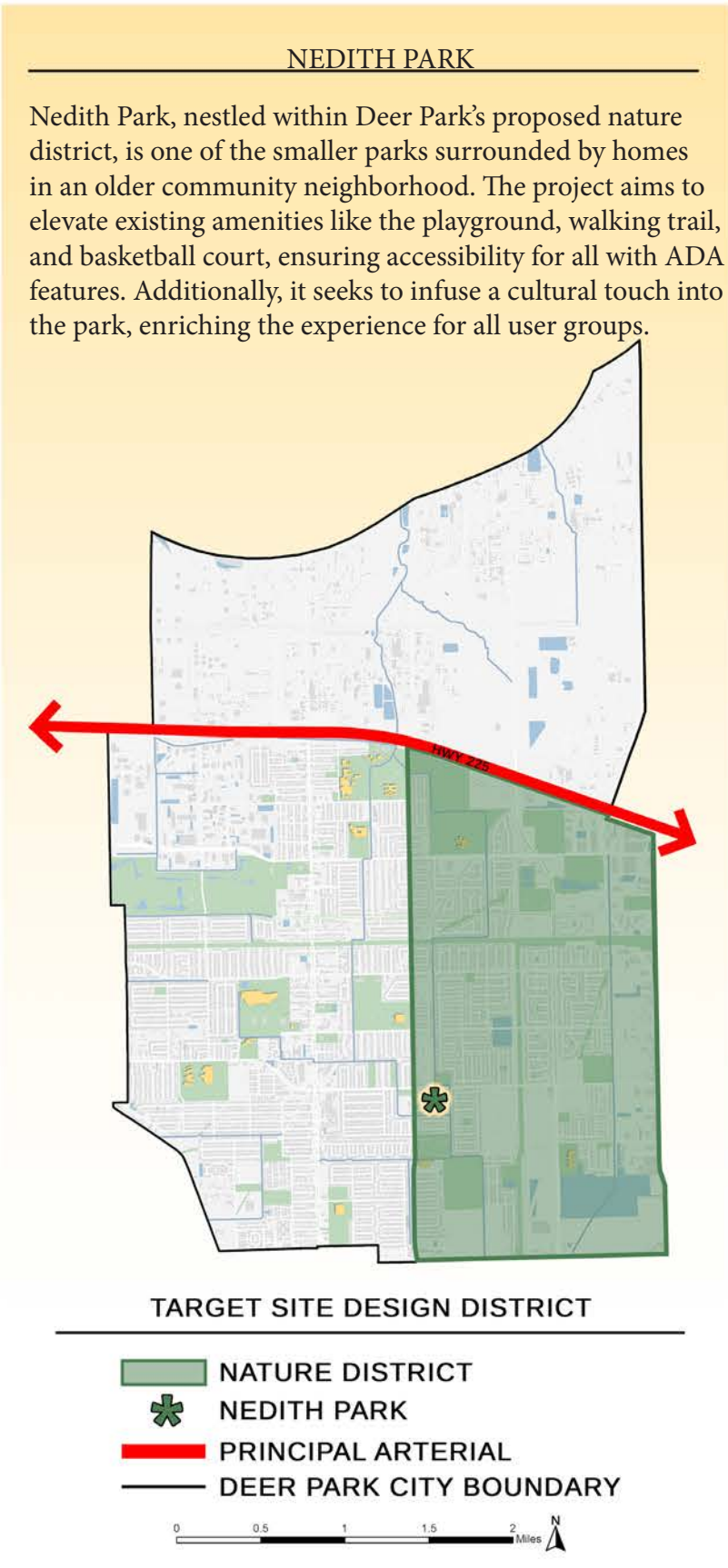
PERSPECTIVE A



PERSPECTIVE B



6.11.1 NEDITH PARK - SITE LOCATION AND ANALYSIS



- 1**

PARK ENTRNACE

ELEMENTS
On-Street Parking
No Parking Spots

FUNCTIONS
Street serves as both visitor parking and gateway into park grounds.
- 2**

PLAY AREA

USER GROUP
Specifically Youth
Park Visitors
Deer Park Residents
General Public

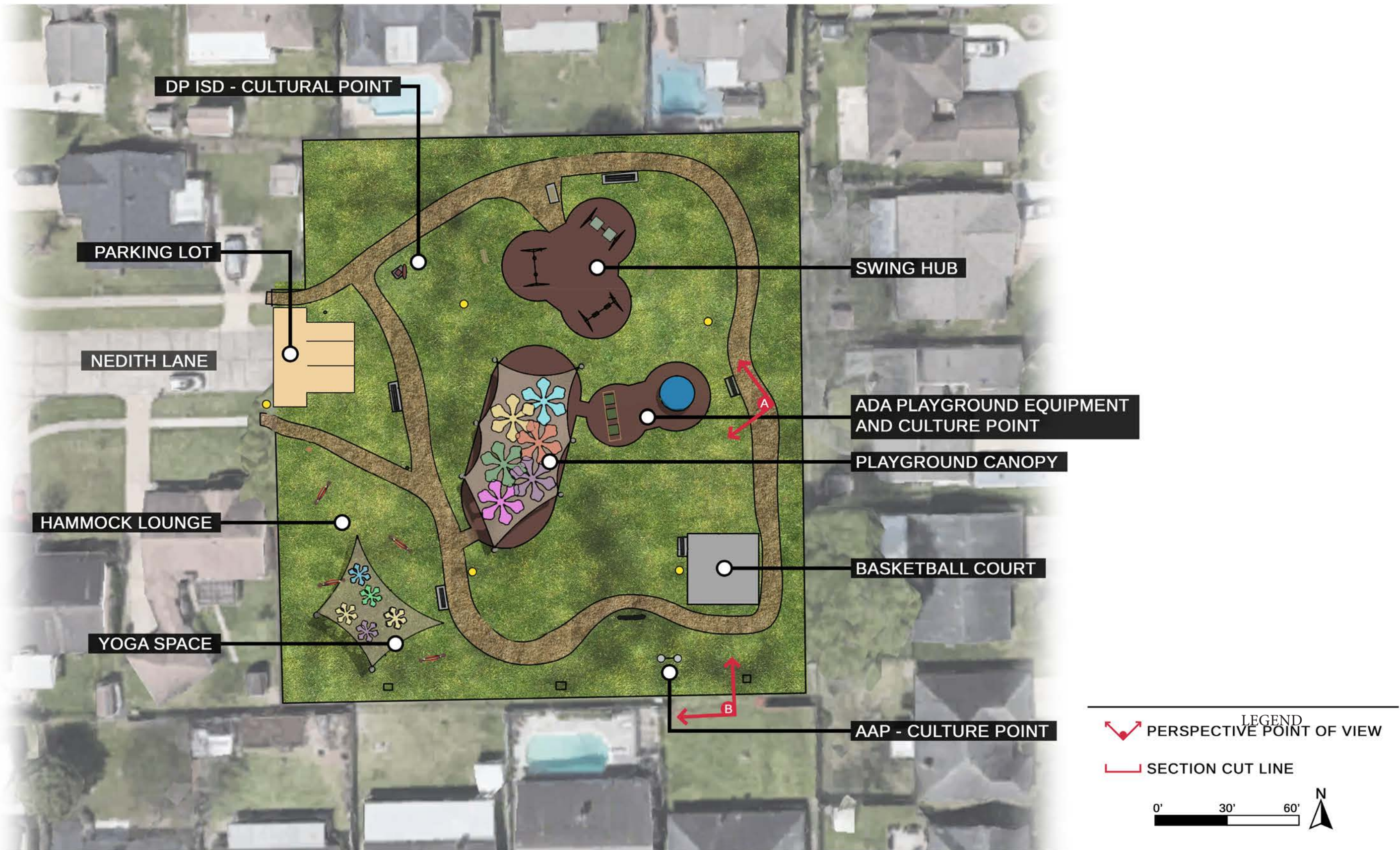
ELEMENTS
5 Play Areas
3 Playground Equipment
2 Swing Sets

SQUARE FOOTAGE
Playground: ~3,600 ft²
- 3**

BASKETBALL COURT

USER GROUP
Park Visitors
Deer Park Residents
General Public

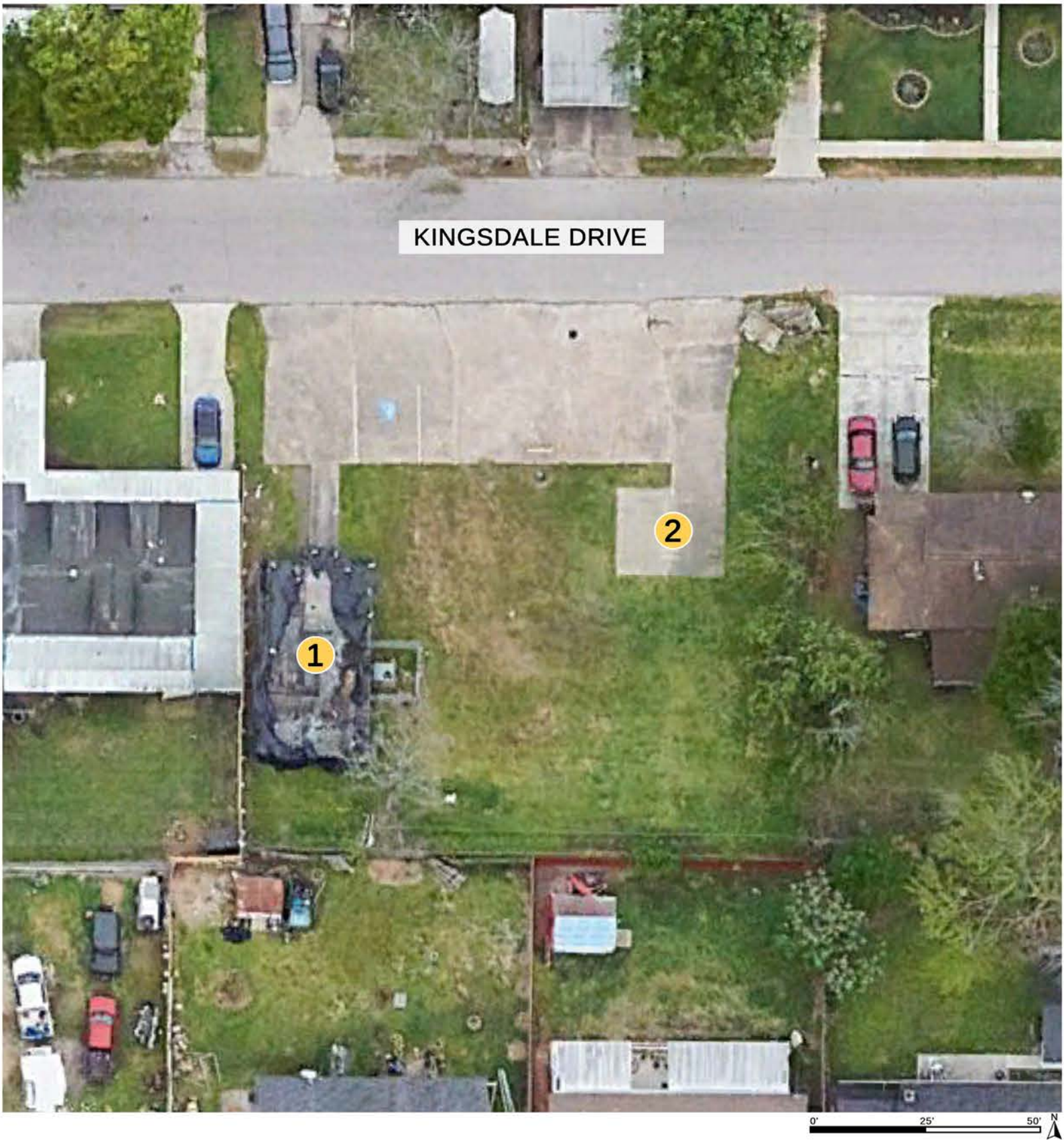
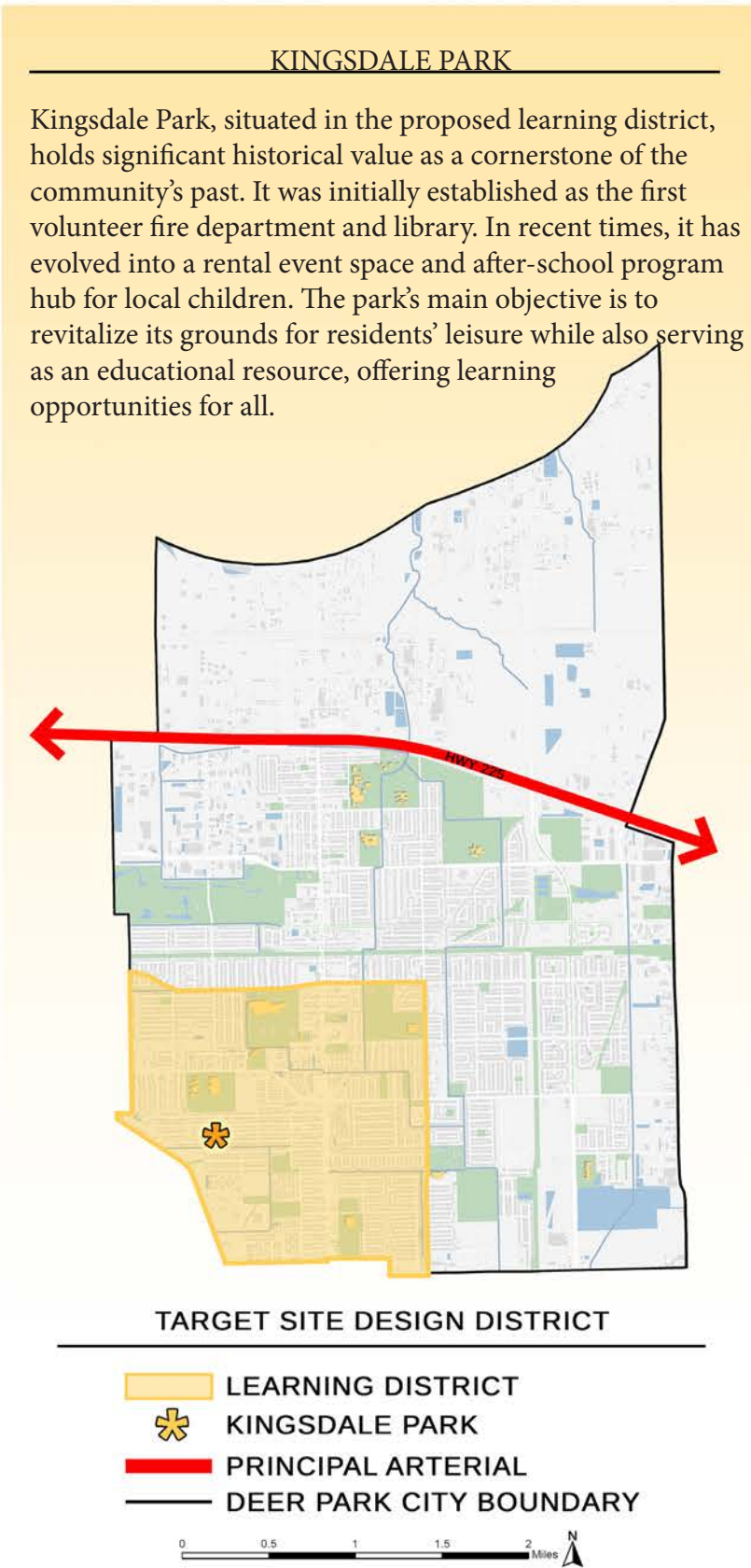
ELEMENTS
Half Court
1 Basketball Goal Post



6.11.3 NEDITH PARK - PERSPECTIVE



6.12.1 KINGSDALE PARK - SITE LOCATION



1
BUILDING HISTORY

ELEMENTS

Building SF: ~1,000 ft²
Seating Capacity: 25
1 Open Space Lobby
1 Restroom

FIRST PUBLIC LIBRARY

The public library was open to all, offering the community invaluable learning opportunities and fostering a sense of unity and spirit.

VOLUNTEER
FIRE DEPARTMENT

The fire department briefly utilized this building, extending its services to the surrounding neighborhoods of Deer Park, Texas.

RECREATION
CENTER

The building serves as a rental facility for community members to host parties and also functions as an afterschool program location for children within the local neighborhood.

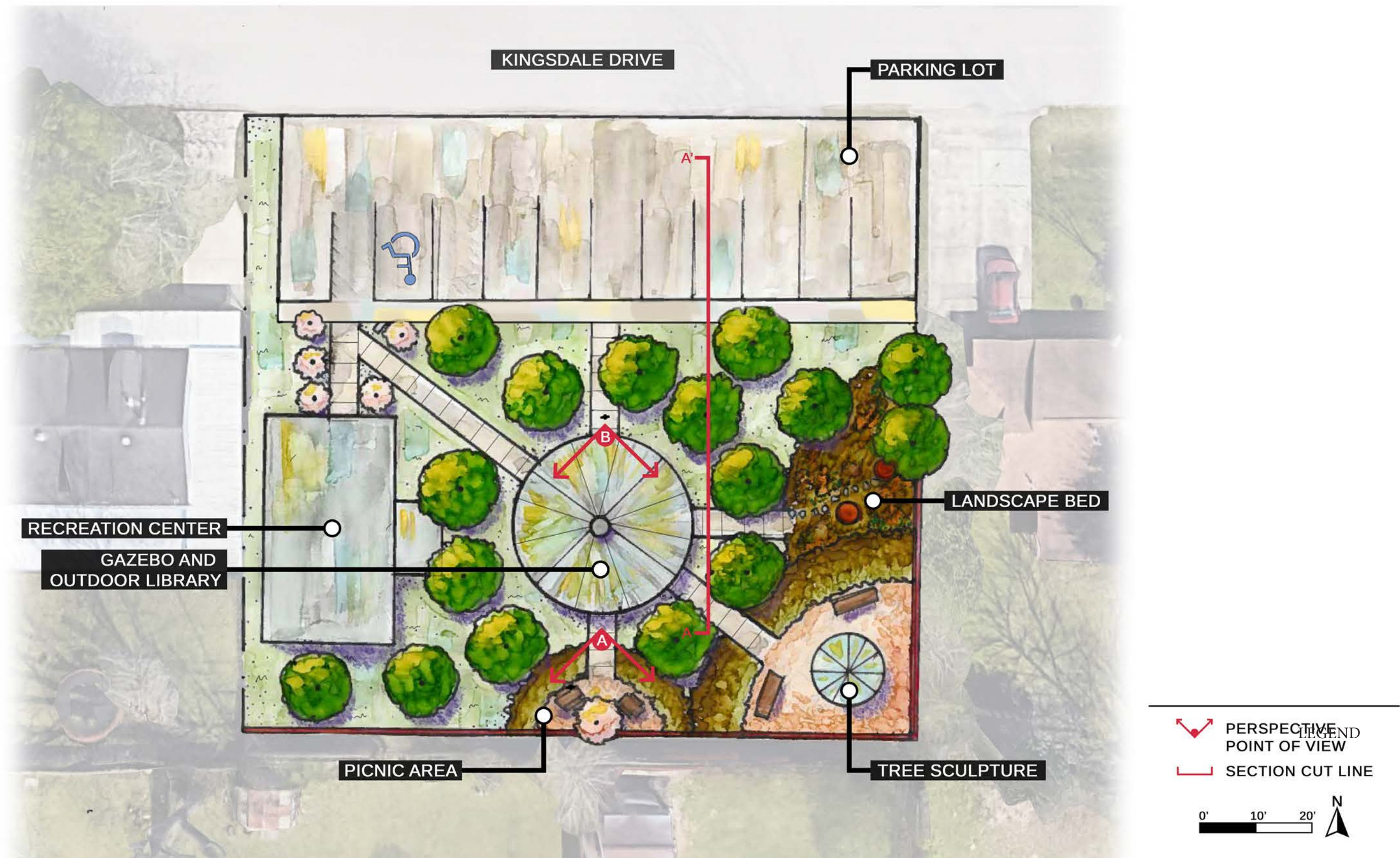
2
BASKETBALL COURT

USER GROUP

Youth
Park Visitors
Deer Park Residents
General Public

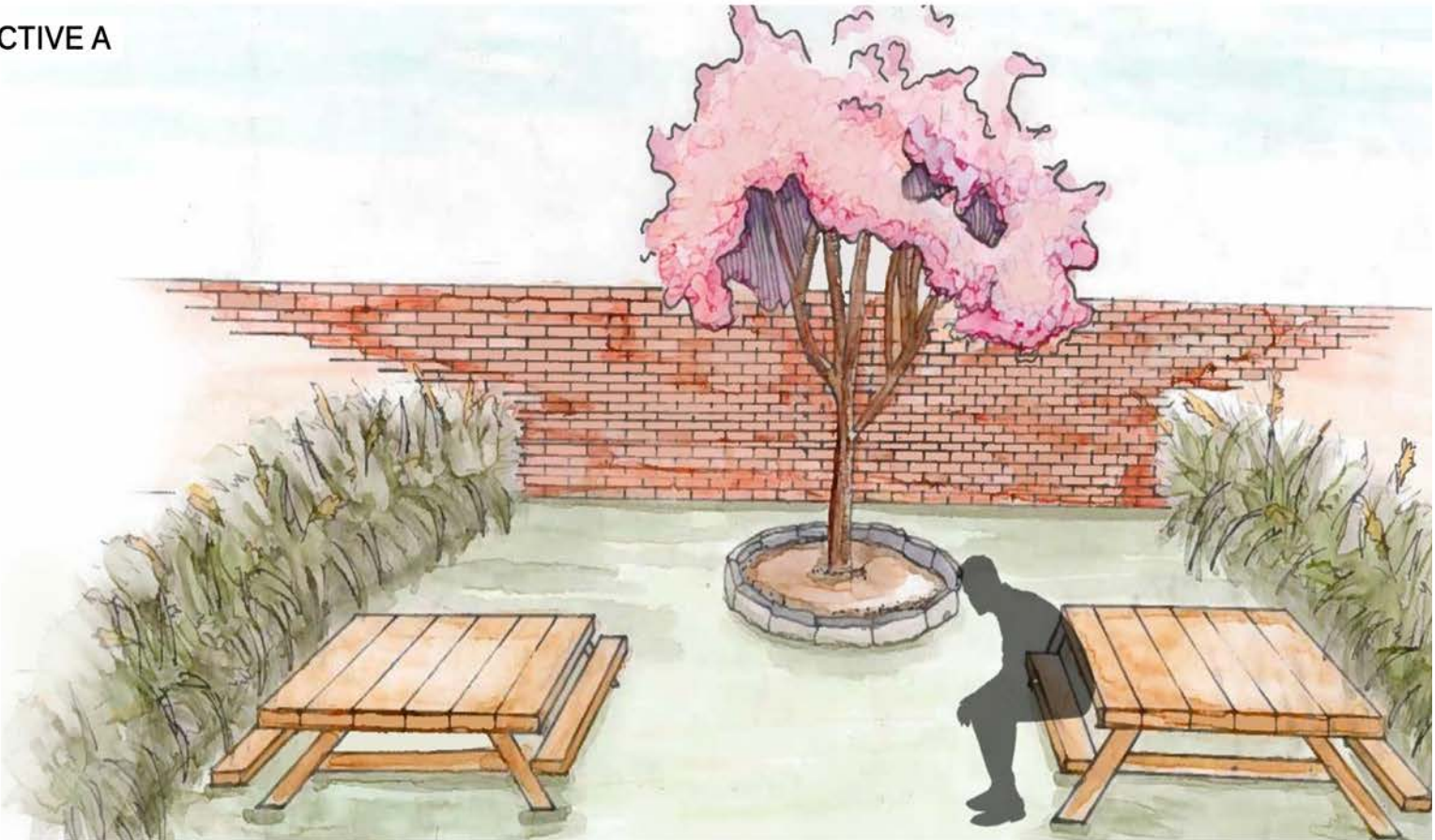
ELEMENTS

Half Court
1 Basketball Goal Post

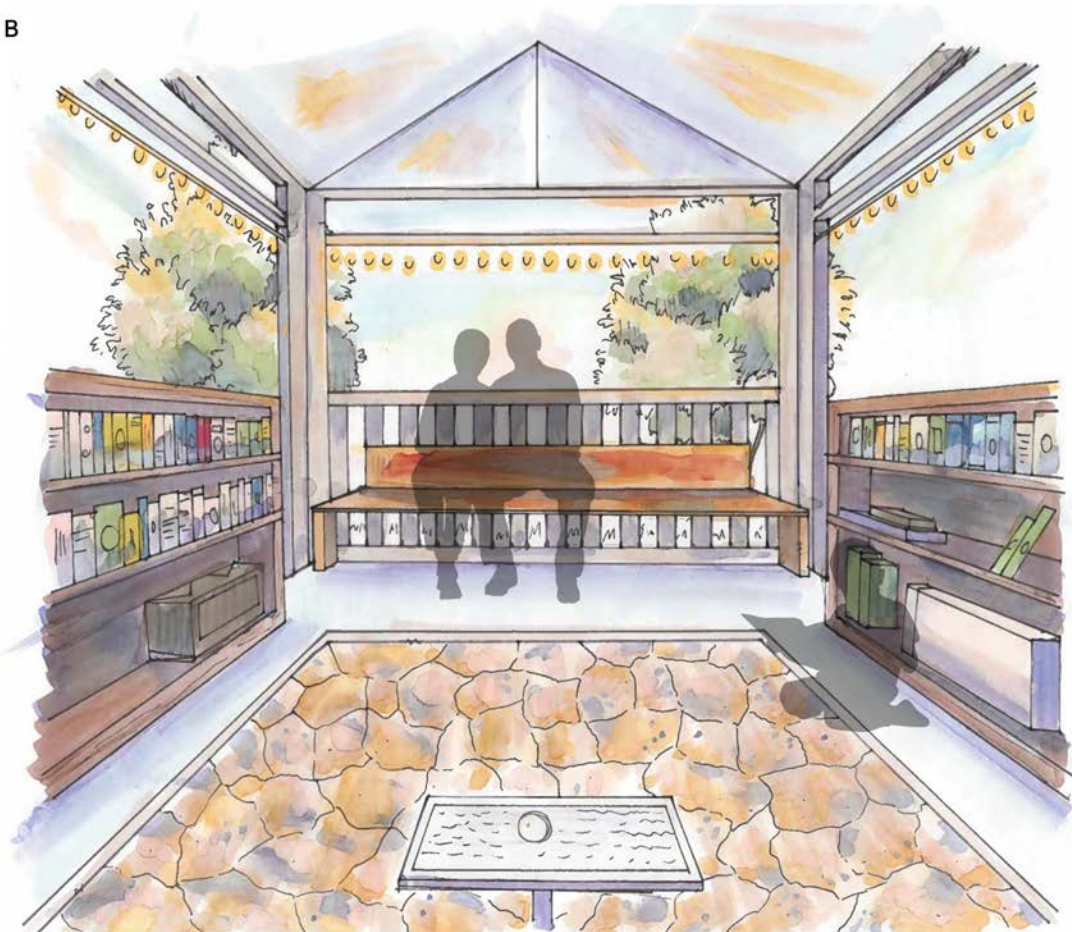


6.12.3 KINGSDALE PARK - PERSPECTIVE AND SECTION CUT

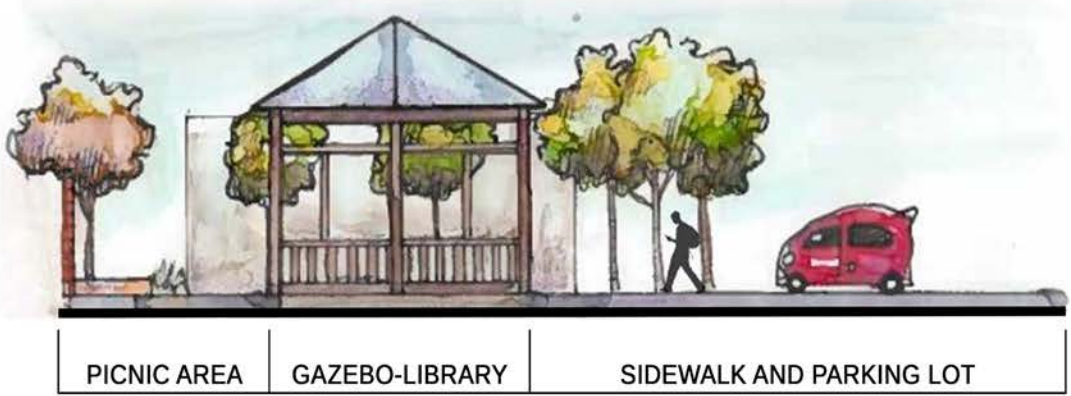
PERSPECTIVE A



PERSPECTIVE B



SECTION CUT

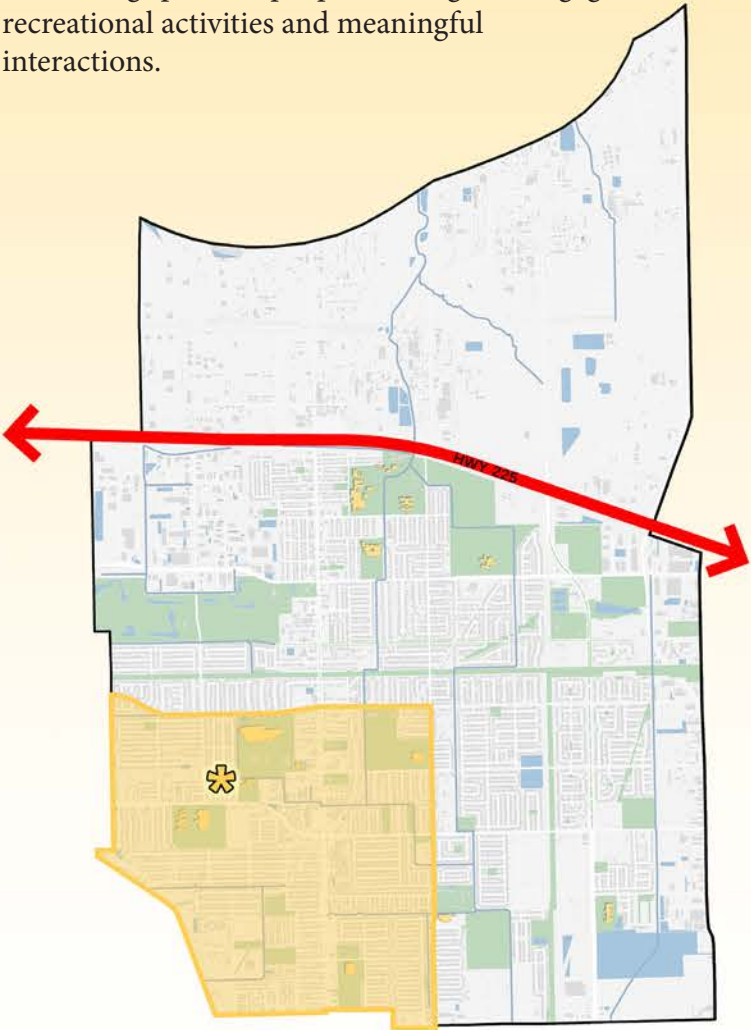


0' 10' 20'

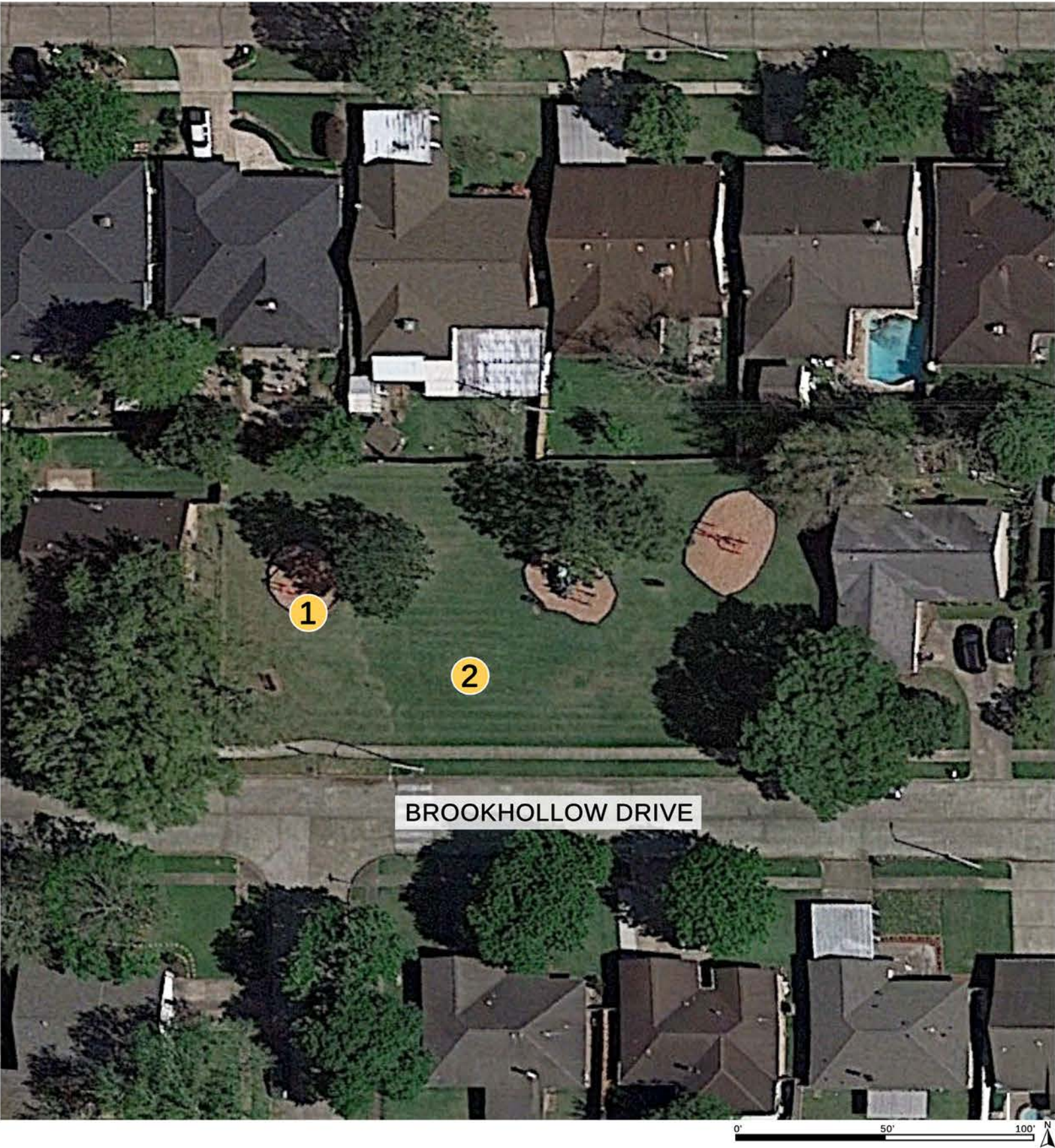
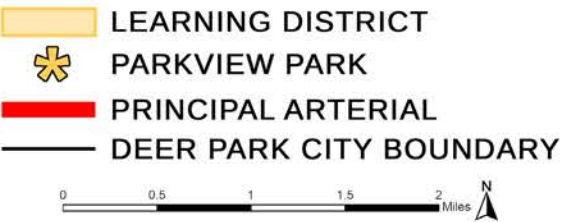
6.13.1 PARKVIEW PARK - SITE LOCATION

PARKVIEW PARK

Parkview Park, situated in the proposed learning district, is a charming neighborhood sanctuary. With a focus on fostering intergenerational connections, the park aims to cater to both youth and senior adults through thoughtful design elements. Features like interactive play areas, shaded seating spots, and inclusive fitness stations will create a welcoming space for people of all ages to engage in recreational activities and meaningful interactions.



TARGET SITE DESIGN DISTRICT



1

PLAY AREA

USER GROUP

Specifically Children
Park Visitors
Deer Park Residents
General Public

ELEMENTS

Playground Set
2 Swing Sets

SQUARE FOOTAGE

Playground Areas: ~1,400 ft²

2

OPEN LAWN SPACE

USER GROUP

Park Visitors
Deer Park Residents
General Public
Animals

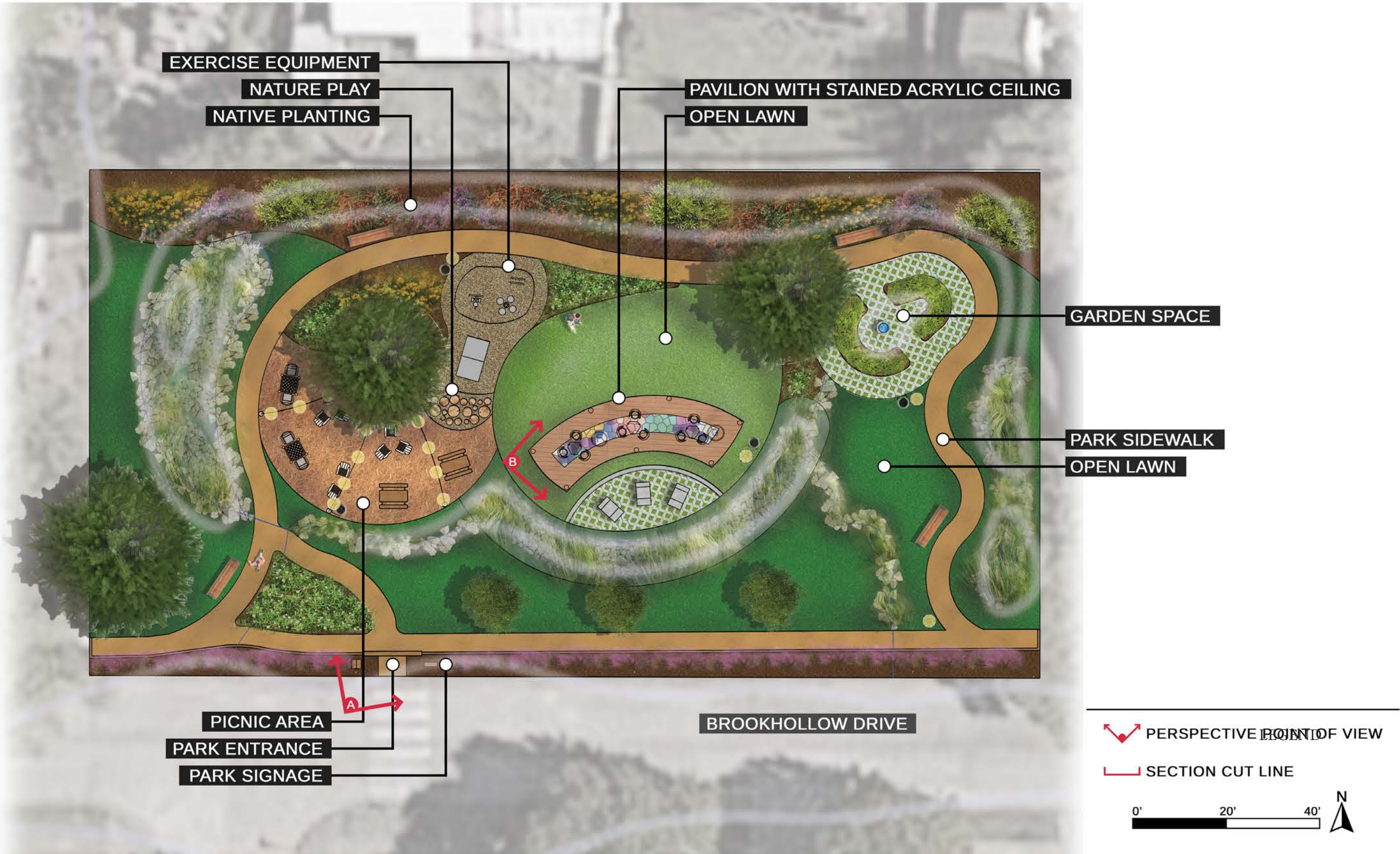
ELEMENTS

Large Oak Trees
Benches
Street Lights

ACREAGE

Park Size: ~.5 Acres

6.13.2 PARKVIEW PARK - MASTER PLAN

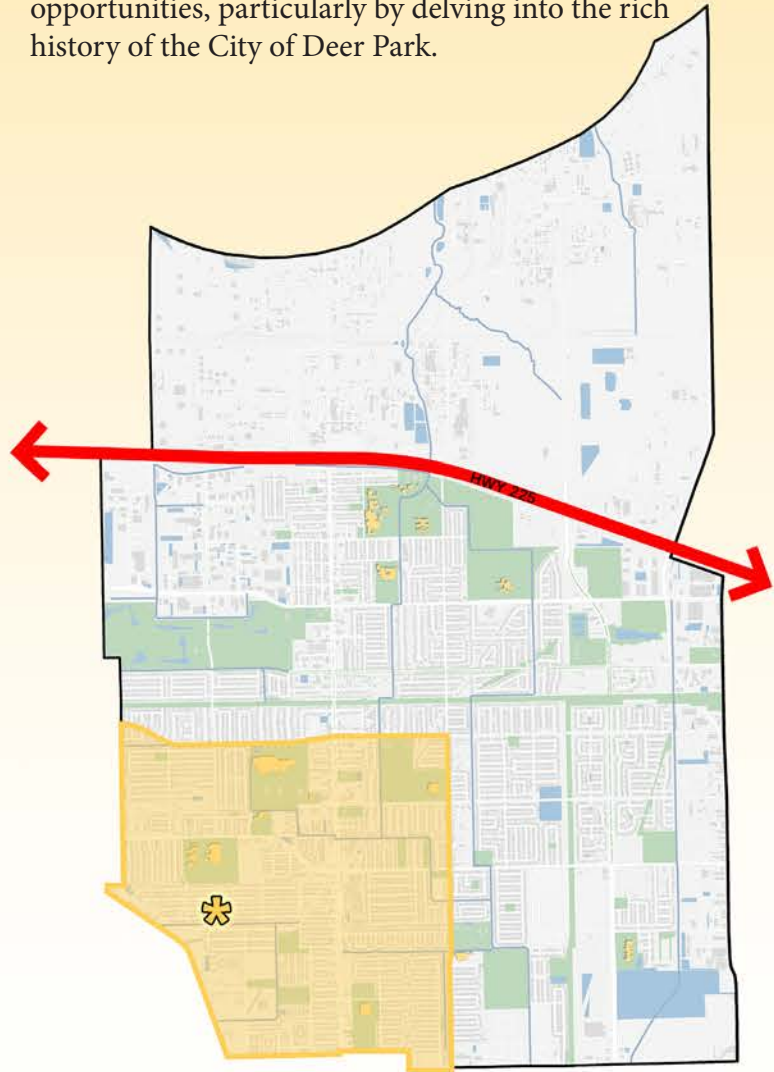


6.13.3 PARKVIEW PARK - PERSPECTIVE



6.14.1 DEER MEADOWS PARK - SITE LOCATION

In the planned learning district, our objective is to foster a culture of lifelong learning within the community. Deer Meadows, a frequently visited area due to its orientation and amenities, offers various physical activity programming such as volleyball, basketball, and playgrounds. The renovation of Deer Meadows seeks to maintain these recreational elements while also enhancing learning opportunities, particularly by delving into the rich history of the City of Deer Park.



TARGET SITE DESIGN DISTRICT

- LEARNING DISTRICT
- DEER MEADOWS PARK
- PRINCIPAL ARTERIAL
- DEER PARK CITY BOUNDARY



1

BASKETBALL COURT

USER GROUP
Park Visitors
Deer Park Residents
General Public

ELEMENTS
Full Court
2 Basketball Goal Post

2

VOLLEYBALL COURT

USER GROUP
Park Visitors
Deer Park Residents
General Public

ELEMENTS
Sand Volleyball Court
1 Volleyball Net

3

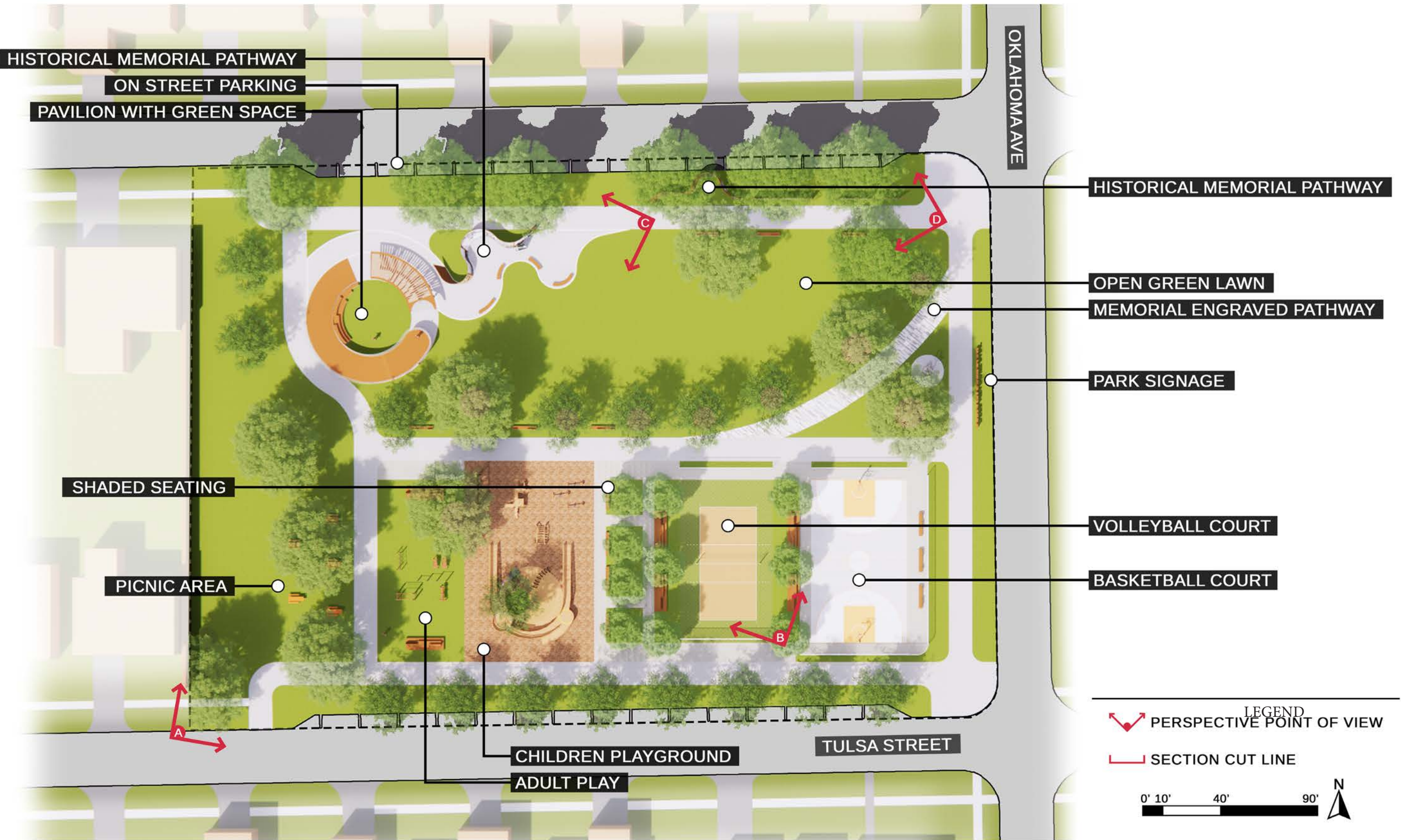
PLAY AREA

USER GROUP
Specifically Children
Park Visitors
Deer Park Residents
General Public

ELEMENTS
2 Playground Sets
Swing Sets

SQUARE FOOTAGE
Playground Areas: ~2,900 ft²

6.14.2 DEER MEADOWS PARK - MASTER PLAN



6.14.3 DEER MEADOWS PARK - PERSPECTIVE



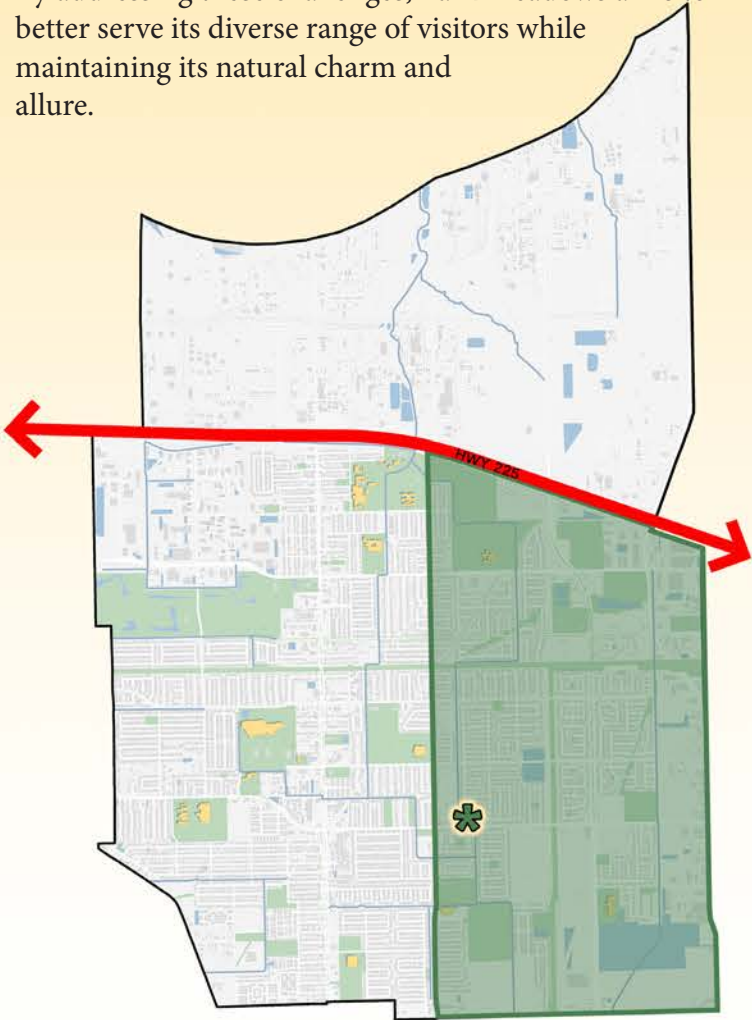
6.14.4 DEER MEADOWS PARK - PERSPECTIVE



6.15.1 PARK MEADOWS - SITE LOCATION

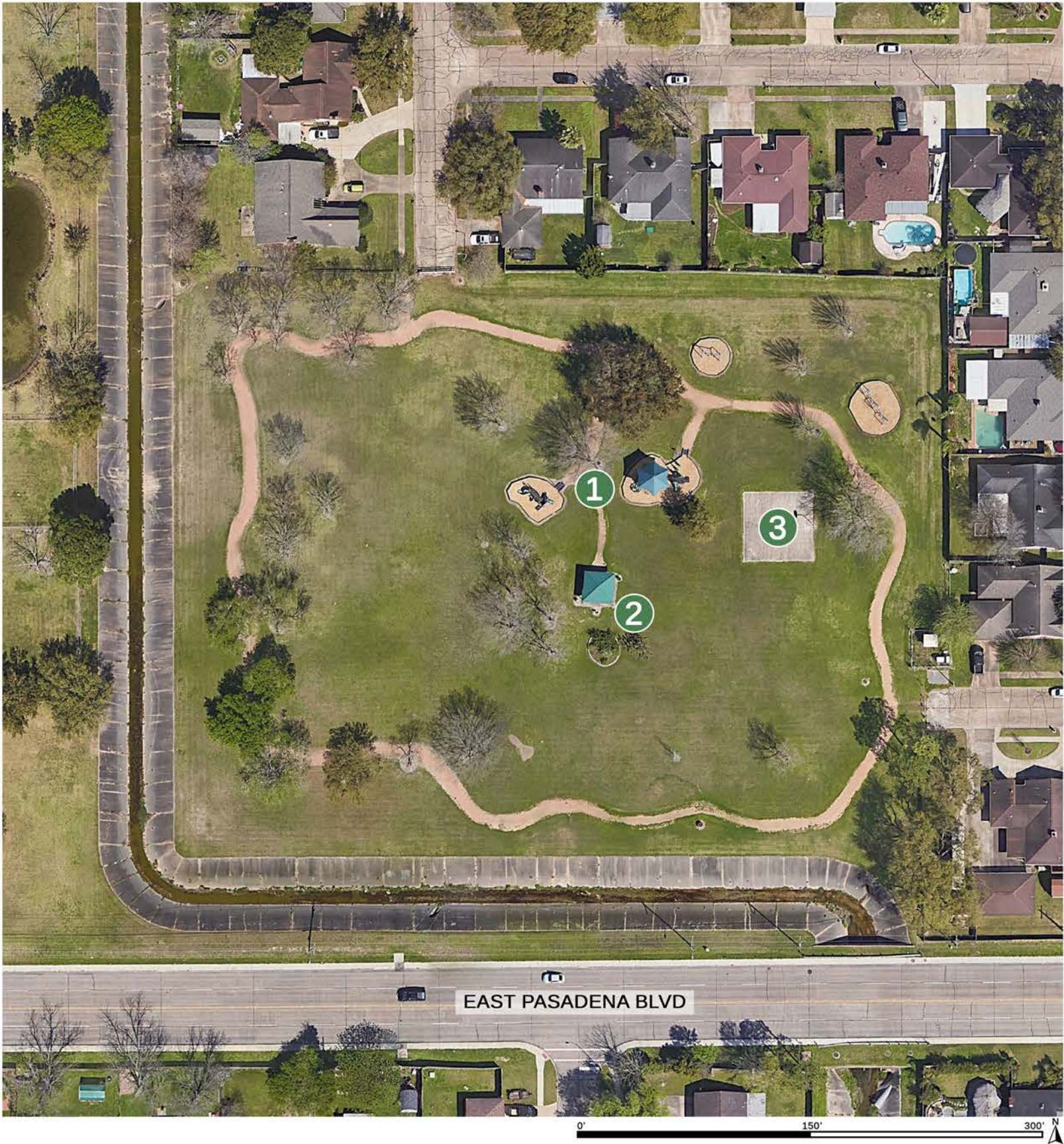
DEER MEADOWS PARK

Park Meadows, one of Deer Park’s expansive parks situated in the proposed nature district, grapples with visibility along East Pasadena Blvd, a major thoroughfare, yet lacks sufficient parking for visitors. The park’s objective is twofold: to improve accessibility to its grounds and enhance existing amenities, including the playground, trail system, and open lawn space, for the community’s enjoyment. By addressing these challenges, Park Meadows aims to better serve its diverse range of visitors while maintaining its natural charm and allure.



TARGET SITE DESIGN DISTRICT

- NATURE DISTRICT
- PARK MEADOWS PARK
- PRINCIPAL ARTERIAL
- DEER PARK CITY BOUNDARY



1

PLAYGROUND

USER GROUP

- Specifically Children
- Park Visitors
- Deer Park Residents
- General Public

ELEMENTS

- 2 Playground Sets
- 2 Swing Sets

SQUARE FOOTAGE

Playground: ~2,900 ft²

2

PAVILION

USER GROUP

- Park Visitors
- Deer Park Residents
- General Public

ELEMENTS

- Covered Seating
- Picnic Tables
- Grill Station

SQUARE FOOTAGE

Playground: ~500 ft²

3

BASKETBALL COURT

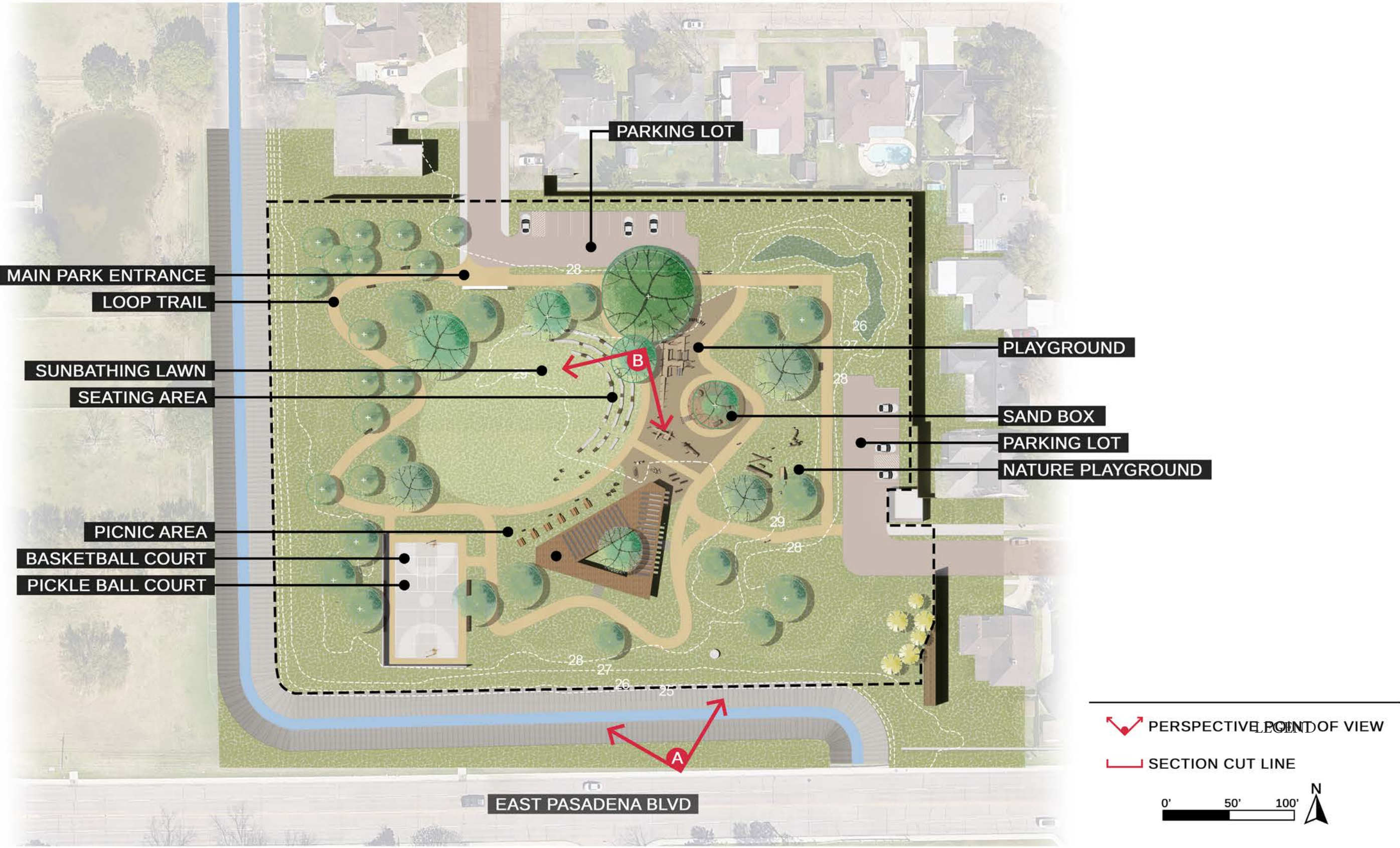
USER GROUP

- Youth
- Park Visitors
- Deer Park Residents
- General Public

ELEMENTS

- Half Court
- 1 Basketball Goal Post

6.15.2 PARK MEADOWS PARK - MASTER PLAN



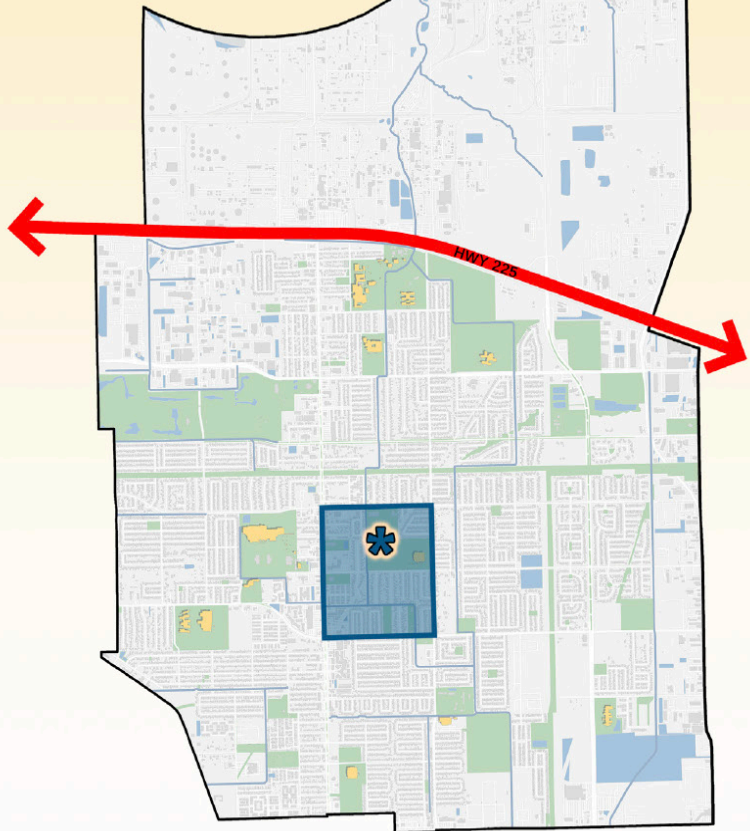
6.15.3 PARK MEADOWS PARK - PERSPECTIVE



6.16.1 DOW PARK - SITE LOCATION

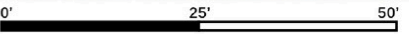
DOW PARK

Situated at the heart of the city, the Center District is anchored by Dow Park, a sprawling 40-acre expanse serving as the quintessential central park for both visitors and residents of Deer Park. Dow Park is home to vital community hubs such as the Aquatics Center, City Hall, and Community Center. The proposed renovations for Dow Park are poised to invigorate community engagement while seamlessly integrating natural elements into the landscape. The design ethos revolves around revitalizing existing park features and infusing innovative programming ideas throughout the park grounds, ensuring a vibrant and dynamic space for all.



TARGET SITE DESIGN DISTRICT

- CENTER DISTRICT
- DOW PARK
- PRINCIPAL ARTERIAL
- DEER PARK CITY BOUNDARY



1

OPEN-AIR PAVILION

USER GROUP

- Park Visitors
- Deer Park Residents
- General Public
- Entertainment Groups

EVENTS

- Concerts
- Movie in the Park
- Rent Pavilion for Parties

SQUARE FOOTAGE

- Large Pavilion: ~4,000 ft²
- Small Pavilion: ~900 ft²

2

PLAY AREA

USER GROUP

- Specifically Children
- Park Visitors
- Deer Park Residents
- General Public

ELEMENTS

- Playground
- Covered Canopy
- Splash Pad

SQUARE FOOTAGE

- Playground: ~6,000 ft²
- Small Pavilion: ~2,700 ft²

3

COMMUNITY CENTER

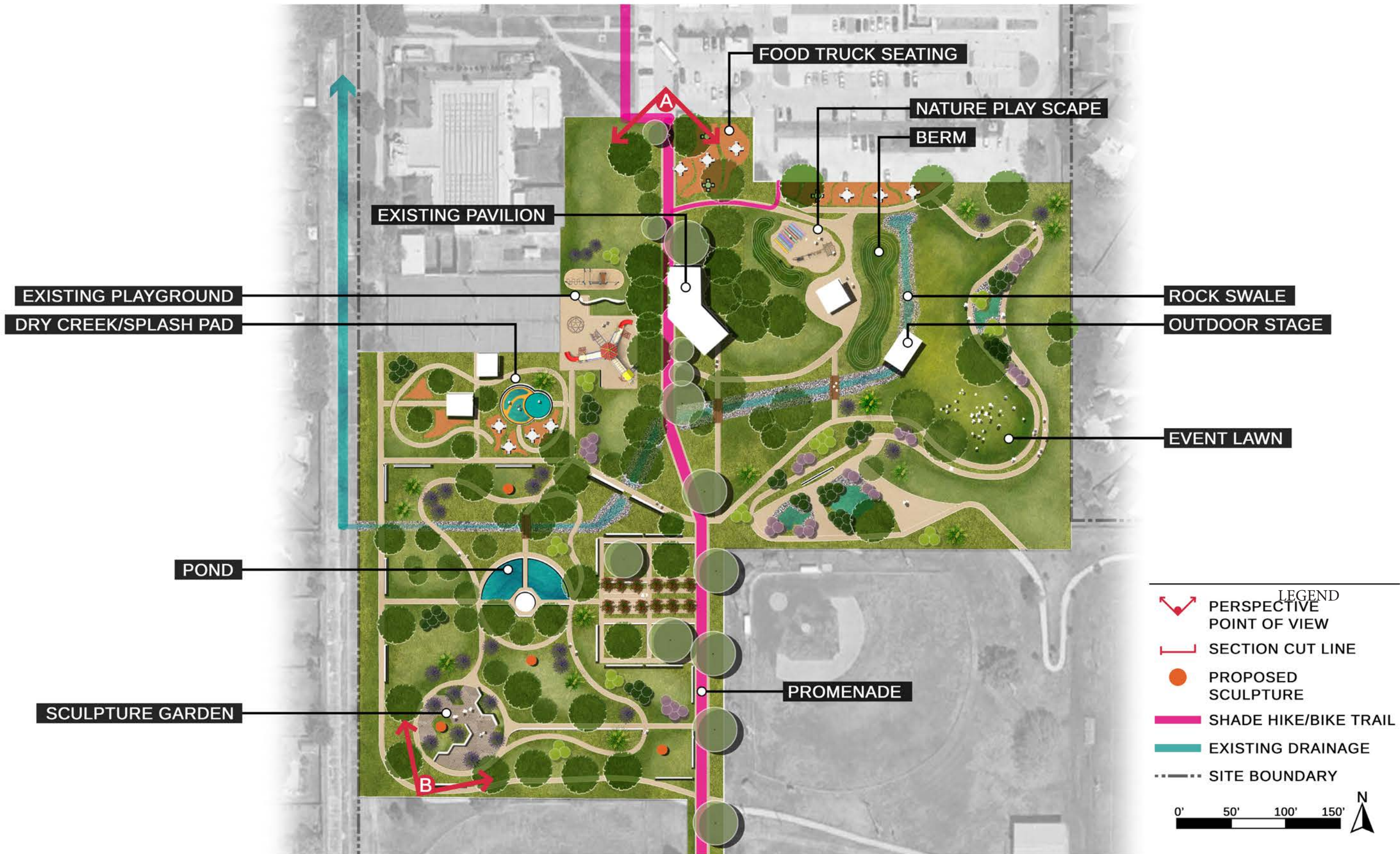
USER GROUP

- Park Visitors
- Deer Park Residents
- General Public

ELEMENTS

- Community Center Building
- Aquatics Center
- Tennis Courts

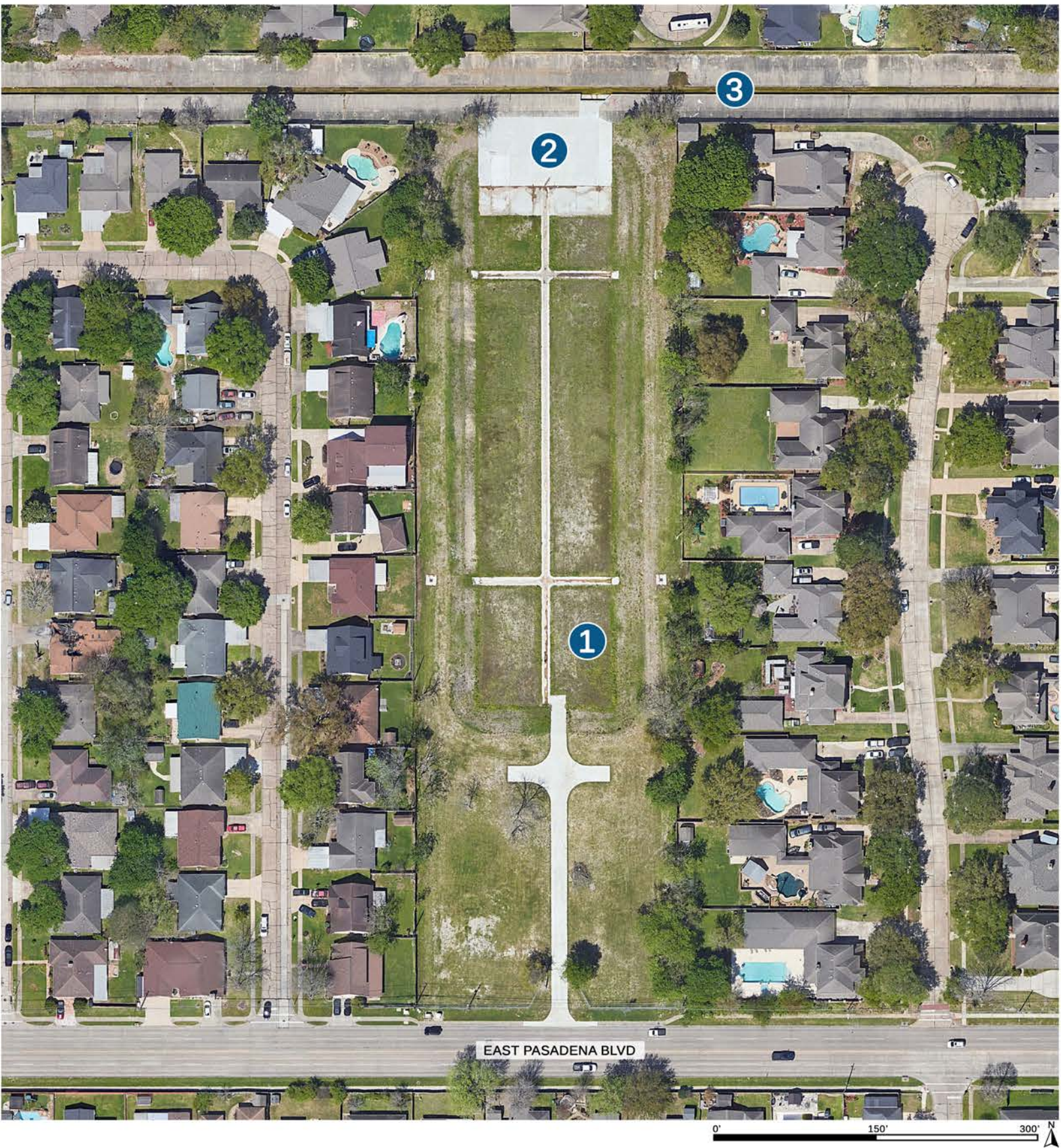
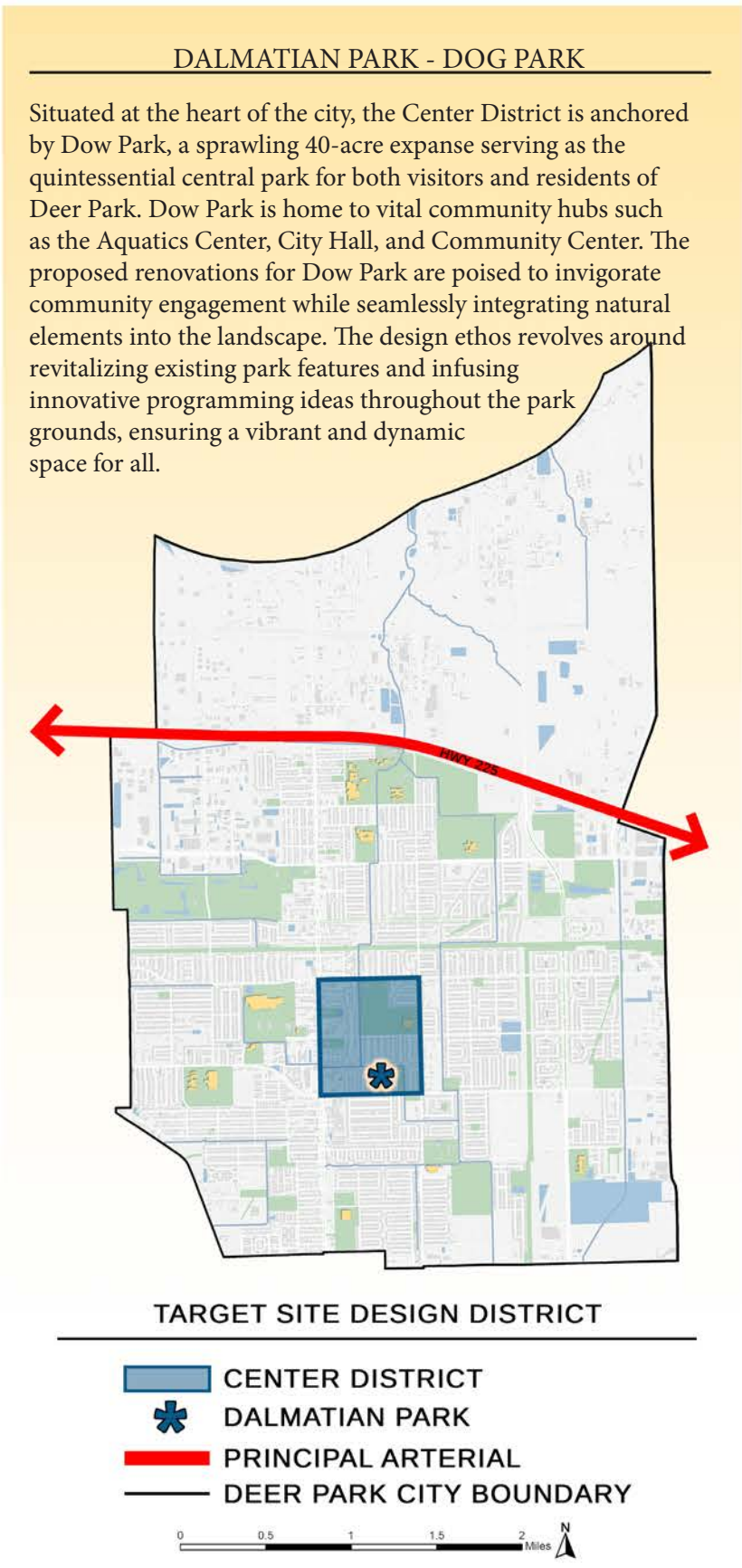
6.16.2 DOW PARK - MASTER PLAN



6.16.3 DOW PARK - PERSPECTIVE



6.17.1 PROPOSED DALMATIAN PARK - SITE LOCATION



1

DETENTION POND

ELEMENT
Natural Land
Detention Pond with
Concrete Channel

FUNCTIONS
Designed to Manage an Influx
Stormwater Runoff

2

OVER FLOW DAM

ELEMENT
Man-Made Concrete
Drainage Dam and
Overflow Capture

FUNCTIONS
Funnel Stormwater to
Drainage Canal

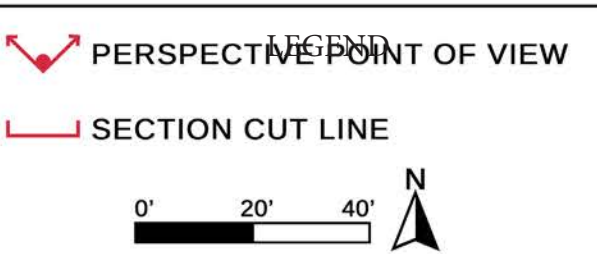
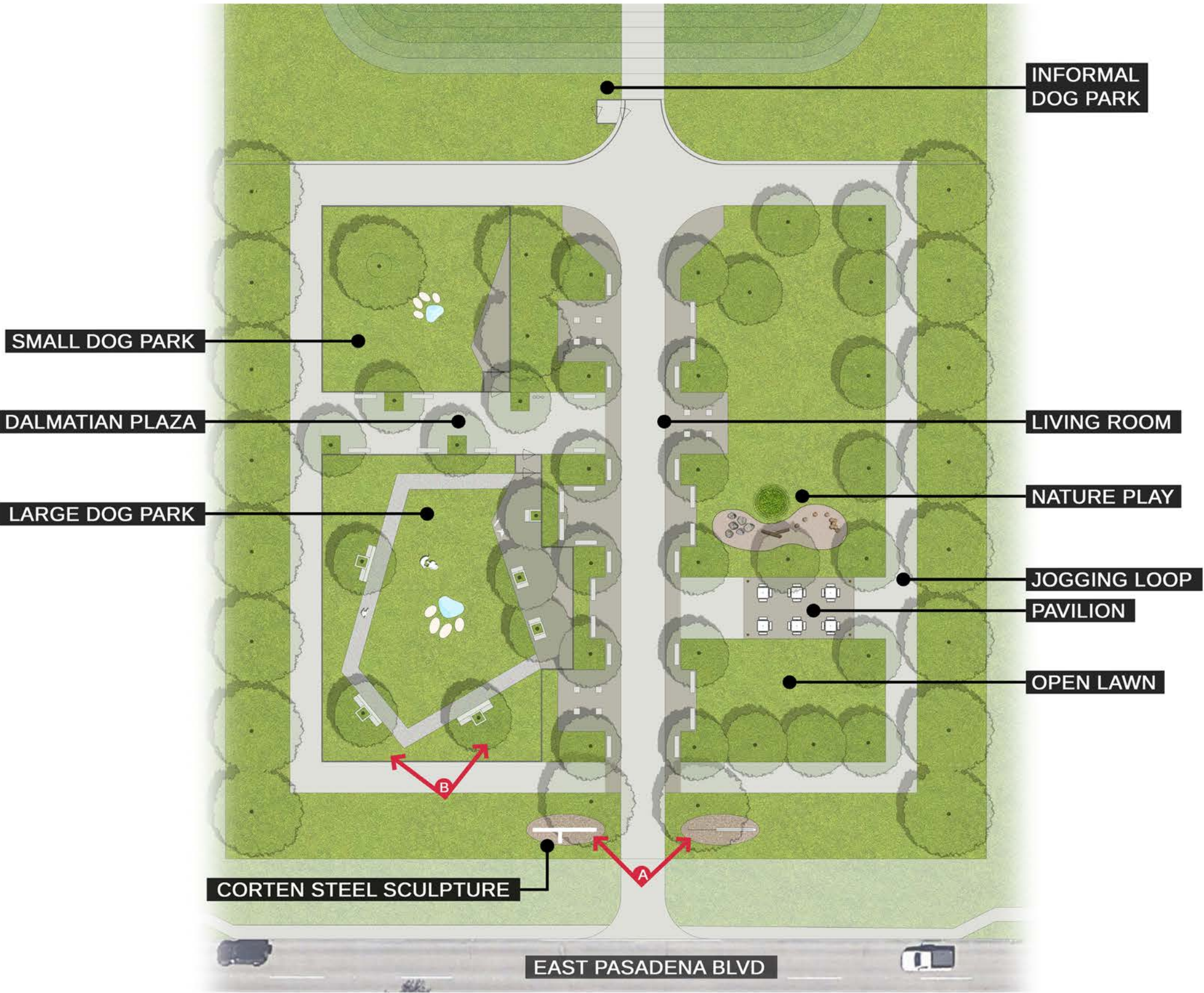
3

DRAINAGE CANAL

ELEMENT
Man-Made Concrete
Drairage Canal

FUNCTIONS
Moves Stormwater North
to Bufflo Bayou Canal

6.17.2 PROPOSED DALMATIAN PARK- MASTER PLAN



6.17.3 PROPOSED DALMATIAN PARK - PERSPECTIVES AND CONCEPT FOR SCULPTURES

PERSPECTIVE A



CORTEN STEEL SCULPTURES



6.17.4 PROPOSED DALMATIAN PARK - PERSPECTIVE



VII. RECOMMENDED IMPLEMENTATION STRATEGIES

VII. Implementation Strategies

Successful implementation of park and recreation master plan mainly depends on the following four factors:

- 1) Effective **phase development plan** and strategies
- 2) Availability of **funding sources**
- 3) Active **community engagement** and strong **public support**
- 4) Effective **marketing and promotion** efforts

Here are recommended strategies to consider for each of those four aspects:

7.1. Recommendations for Phase Development Strategies

This comprehensive master plan develops a long-term plan for the next ten years (2024-2034) that outline overall goals, strategies, and priorities for park development and recreational programs in the city of Deer Park. It should be carried out incrementally. Therefore, it is important to allocate resources efficiently based on community needs and strategic goals.

When developing a park and recreation area, phasing the project strategically can help manage resources, reduce risk, and ensure the project meets the evolving needs of the community. By breaking the project into phases, the city can manage the development more effectively.

It is suggested to establish a priority list of projects based on the community need assessment and funding availability, as well as the level of project impact. The high priority should be given to those projects that will serve those currently underserved population groups and neighborhoods, that will be relatively easy to get funded, and that will produce high impact on the branding, marketability, and promotion of the city.

As the community development is a dynamic process, the master plan should be flexible as well. Therefore, the priority list should be revisited and updated yearly to reflect changes of the influencing factors. It should include one-year priority, three priority and five-year priority.

7.2. Recommendations for Project Funding Strategies

Funding for park and recreation facilities and services can come from a variety of sources. In general, common funding sources for a city's parks and recreation facilities and services include the following:

- **Local Taxes:** Property taxes, sales taxes, and other local taxes are often a primary source of funding for Parks and Recreation Departments. These taxes generate revenue that can be allocated to support parks, recreational facilities, and programs.

- **Operating Budget:** The city's annual operating budget allocates a portion of its general funds to the Parks and Recreation Department to cover ongoing operational expenses.
- **Federal, State and Local Grants:** Federal, state, and local grants can provide additional funding for specific projects, initiatives, or capital improvements. These grants may be competitive and awarded based on the department's proposals and needs. Depending on eligibility and availability, a community may receive grants from federal and state agencies for specific projects or programs, such as environmental initiatives or youth development.
- **User Fees:** User fees for activities, facilities, and programs offered by the Parks and Recreation Department can provide a significant portion of the funding. These fees may include charges for sports leagues, classes, facility rentals, and more.
- **Donations and Sponsorships:** Private donations from individuals, businesses, and community organizations can support parks and recreation programs and facilities. Sponsorship agreements with local businesses may also provide financial support in exchange for advertising or naming rights.
- **Partnerships:** Public-private partnerships can also be a source of funding. These partnerships may provide sharing costs and responsibilities for specific projects or programs with private organizations.
- **Fundraising and Events:** The Parks and Recreation Department may organize fundraising events and campaigns to generate additional revenue. Events such as community festivals, charity runs, or sports tournaments can raise funds.
- **Bond Issues:** Cities may issue bonds to fund major capital projects related to parks and recreational facilities. Residents vote on these bonds, which are typically repaid over time through local taxes.
- **Special Districts:** In some cases, a city may create special taxing districts specifically dedicated to funding parks and recreation. The revenue generated from these districts can be used exclusively for parks and recreational purposes.

In the past, the source of funding for the park and recreation facilities in Deer Park mostly came from the combination of city's tax revenue and annual budget, federal and state grants, and revenue generated from the park and recreation program and user fees. To implement those projects suggested in this comprehensive master plan, more funding sources are needed. Therefore, it is important to develop an innovative and integrated funding strategy for the park and recreation development and improvement. Effective funding strategies often involve a combination of approaches to ensure sustainability and support for both capital projects and ongoing operations.

7.2.1. Apply for Various Grants

The City of Deer Park should gear up its efforts to seek various grants from federal and state government and from private foundations or non-profit organizations.

- **Consult with Public Financing Experts:** Consult with a professional public financing and funding expert to identify potential and target funding sources, including federal and state grant programs, non-profit organization, and foundations, to develop a funding application plan and schedule.
- **Government Grants:** Apply for federal, state, and local grants specifically designated for park development, conservation, and recreational programs (e.g., Land and Water Conservation Fund).
- **Private and Non-Profit Grants:** Seek grants from foundations and non-profits that support community development, environmental conservation, and recreational activities (e.g., the National Recreation and Park Association).

7.2.2 Partnerships and Collaboration

The City of Deer Park should continue to seek partnerships and collaboration with various sectors, such as:

- **Local Businesses and Corporate Sponsorships:** Partner with local businesses for financial support in exchange for advertising opportunities or naming rights for facilities, and for sponsorships, donations, or collaborative events.
- **Joint Ventures:** Enter partnerships with private companies to co-develop or manage park facilities. These can include naming rights agreements or profit-sharing arrangements.
- **Concessions:** Allow private operators to run food, retail, or recreational services within the park, providing a revenue stream while reducing operational burdens.
- **Local Schools:** Develop a partnership with local school district to jointly develop school/neighborhood parks, educational/recreational/fitness programs.
- **Community Organizations:** Collaborate with local community groups and non-profit organizations for joint funding and program support and to co-host events, programs, or improvement projects.
- **Government Agencies:** Work with state and federal agencies for funding and regulatory support.

7.2.3 Donations and Fundraising

To promote and encourage individual donations (both in cash and in -kind contribution or donated time) and volunteerism to get residents participate in park and recreation project construction, maintenance, operation, and organization.

- **Individual Donations:** Create a donor program or “Friends of the Park” organization to solicit contributions from community members.
- **Material Donations:** Solicit donations of materials or supplies from local businesses and construction companies.

- **Volunteer Labor:** Leverage volunteer efforts for park maintenance, landscaping, and program delivery, reducing labor costs.
- **Fundraising Events:** Engage the community through fun and interactive activities.
- **Online Campaigns:** Use crowdfunding platforms to raise money for specific projects or needs. Promote these campaigns through social media and local media.
- **Community Drives:** Run targeted campaigns within the community for specific improvements or new facilities.

7.2.4 User Fees and Rentals

- **Revenue-generating Facilities and Programs:** To increase revenue-generated facilities, programs, events and activities in the parks and recreational facilities, such as rentable indoor and outdoor wedding venues, picnic pavilions, amphitheater for outdoor art performance/concerts, art exhibitions, after-school educational and recreational programs/classes, senior adult fitness classes, etc.
- **Program Fees:** Implement reasonable fees for participation in recreational programs and classes. Consider sliding scale fees to ensure accessibility for all income levels.
- **Facility Rentals:** Charge fees for the rental of park facilities, such as sports fields, event spaces, or pavilions.

By utilizing a mix of these strategies, the city can build a robust funding model that supports both the initial development and ongoing maintenance of park and recreation facilities.

7.3. Recommendations for Community Engagement

When community members are involved, they are more likely to use, support, and advocate for park facilities and programs. Engaging the community effectively is crucial for the success of park and recreation programs. It is critical to actively engage with the community through newsletters, public meetings, and interactive platforms to keep them informed and involved. The following strategies are suggested to foster community engagement:

7.3.1. Engagement Through Community Leaders and Influencers

- **Engage Influencers and Ambassadors:** Identify, engage, and support community influencers and local ambassadors to promote park programs and events within their networks. Collaborate with local community leaders, influencers, and respected figures to advocate for park and recreation initiatives and boost visibility.
- **City Park Commission:** Continue to work with the existing Park Commission as an advisory board to receive their ongoing input and feedback on park and recreation services.
- **Youth and Senior Committees:** Form specialized committees to represent the interests of different age groups and ensure their needs are addressed.

7.3.2 Engagement Through Partnerships and Collaboration

- **Local Businesses:** Partner with local businesses to sponsor events or support community programs, fostering a sense of joint ownership.
- **Schools and Local Organizations:** Collaborate with schools, clubs, non-profit organizations, and community groups to reach potential users and promote programs.

7.3.3 Engagement Through Surveys and Feedback Mechanism -

- **Community Surveys:** Regularly conduct surveys to gather feedback from residents to understand their needs, interests, and preferences. Conduct regular assessments of park facilities and programs to identify areas for improvement.
- **Diverse Feedback Channels:** Offer multiple ways for users to provide feedback and engage with the park and recreation services, including online forms, suggestion boxes, and direct contact options.
- **Personalized Communication:** Use data and feedback to personalize communication and target specific groups with tailored messages and offers.
- **Regular Updates:** Keep the community informed about park projects, upcoming events, and maintenance schedules through newsletters, websites, and social media.
- **Continuous Improvement:** Use feedback to continuously improve programs, facilities, and engagement efforts to better serve the community.

7.3.4. Engagement Through Technology

- **Online Surveys and Feedback Forms:** Use digital surveys to reach a broad audience and gather quantitative data on community preferences and needs. Provide an easy way for residents to submit feedback online about their park experiences or suggestions for improvements.
- **Data Collection:** Use data analytics to monitor usage patterns, evaluate program effectiveness, and make informed decisions.
- **Social Media Campaigns:** Use platforms like Facebook, Instagram, and Twitter to share updates, promote events, and solicit feedback.
- **Mobile Apps:** Develop or use existing mobile apps for event and program registration, park information, and user feedback.
- **Interactive Maps:** Provide interactive maps of park facilities and trails on your website and app to enhance visitor experience.

7.3.5. Engagement Through Events, Educational Programs and. Volunteerism

- **Community Events:** Organize events like festivals, farmers' markets, or movie nights in the park to draw people in and encourage social interaction.

- **Classes:** Offer programs on topics such as environmental stewardship, fitness, and gardening to engage community members in meaningful activities.
- **School Programs:** Collaborate with schools to incorporate park-related activities and educational programs into the curriculum.
- **Workshops:** Conduct interactive workshops where residents can contribute ideas, vote on options, and discuss potential projects.
- **Public Meetings:** Host open forums and town hall meetings to gather input on park design, program needs, and priorities.
- **Volunteer Opportunities:** Create opportunities for community members to volunteer in park maintenance, event organization, and program facilitation. Host volunteer days for park clean-ups, planting, or maintenance, giving residents a hands-on role in improving their community.

7.3.6 Inclusive Engagement Through Diverse Outreach

It is important to ensure that engagement efforts reach all community segments, including underrepresented groups, by using multiple languages, accessible formats, and various outreach methods.

- **Accessibility:** Design events and facilities to be accessible to people of all abilities and ensure that engagement opportunities are inclusive.
- **Diverse Cultural Events:** Celebrate diverse cultures and traditions through events, festivals, and programs that reflect the community's cultural makeup.
- **Social Inclusion:** Design programs that cater to various social groups and address different community needs and interests. Organize focus groups with diverse segments of the community to deeper insights into specific issues or ideas.
- **Demographic data:** Use demographic data to tailor facilities and programs to various age groups, abilities, and cultural backgrounds.
- **Eco-Friendly Initiatives:** Highlight any sustainability practices and green initiatives in the marketing efforts to attract environmentally conscious users.
- **Online Ads:** Use targeted online advertising through platforms like Google Ads or Facebook Ads to reach specific demographics interested in recreation and outdoor activities.

Engaged communities are more likely to participate in, sustain, and advocate for local parks and recreational activities. By implementing the above strategies, the city of Deer Park can build a strong connection with the community, ensuring that park and recreation facilities meet their needs and gain their support.

It is important to monitor and regularly assess the effectiveness of engagement strategies and adjust based on feedback and participation rates.

7.4 Branding, Marketing, Outreach and Promotion

Effective marketing strategies can significantly boost awareness, participation, and support for park and recreation facilities and programs. By employing a mix of the following comprehensive marketing strategies, the City of Deer Park can effectively raise awareness and enhance the visibility and impact of your park and recreation facilities and programs.

7.4.1 Brand Development

- **Create a Strong Brand Identity:** Develop a recognizable logo, slogan, and consistent messaging that reflects the values and mission of the park and recreation services of Deer Park. For instance, “toward a greener, healthier and happier community” may be used as slogan to reflect the values and mission of the park and recreation services of Deer Park.
- **Unified Signage System:** Design and implement a unified signage and way-finding system for all parks and recreation facilities in Deer Park.
- **Visual Consistency:** Ensure that all marketing materials, from signage to digital content, maintain a cohesive visual identity.

7.4.2 Digital Marketing and Data Analytics

- **Website:** Maintain an up-to-date, user-friendly website with information on parks, recreational facilities, programs, events, and online registration.
- **Social media:** Utilize platforms like Facebook, Instagram, Twitter, and TikTok to promote events, share updates, and engage with the community.
- **Email Marketing:** Send regular newsletters with information on upcoming events, program highlights, and community news.
- **Data-Based Marketing:** Monitor the effectiveness of the marketing efforts using analytics tools to track website traffic, social media engagement, and program participation. Then use data insights to adjust the marketing efforts.

7.4.3 Content Marketing

- **Blogging:** Write articles on topics related to outdoor activities, health and wellness, park conservation, and community events to engage and inform the community.
- **Videos:** Create promotional videos showcasing park amenities, events, and user testimonials. Share these on social media and your website.
- **Photo Galleries:** Post high-quality photos of park activities, special events, and beautiful park scenery to attract interest and showcase what’s available.
- **Educational Content:** Share information about conservation efforts, sustainability practices, and how the community can get involved.

- **Celebrating Successes:** Share success stories and milestones related to park projects, program achievements, or community impact.

7.4.4 Community Outreach Events and Promotions

- **Local Advertising:** Work with local newspapers, magazines, radio stations, and TV channels to feature stories, press releases to keep residents informed of significant park improvements, new programs, or notable events.
- **Flyers and Posters:** Distribute flyers and posters in high-traffic areas like community centers, libraries, schools, and local businesses.
- **Open Houses:** Host open house events to introduce new facilities, programs, or improvements to the community.
- **Special Offers:** Provide promotions such as discounted registration fees, free trial classes, or special events to attract new participants.
- **Media Kits:** Provide media kits with information about the park and recreation services, including high-resolution images and key statistics.
- **Promotion:** Use social media, local media, and community bulletin boards to promote events and programs.

By incorporating all the above implementation strategies, the city of Deer Park can create a vibrant, inclusive, and well-maintained park and recreation system that meets the needs of the community and enhances the quality of life. Implementation of this new parks and recreation master plan can significantly enhance community well-being, environmental health, and local economies, and make the City of Deer Park become a greener, healthier, and happier community.

APPENDIX A. COMMUNITY NEEDS SURVEY QUESTIONNAIRE

Section I. Your Visit to Parks and Recreation Facilities

1. The following questions are about your visits to local park/recreation facilities. These questions help us understand how they are currently being used and gather residents’ concerns and suggestions about them.

For any facilities, if you answer “N” for the question “Visited before”, please skip the rest of the questions in the same row.

Parks/recreation facilities	Visited before	How frequent do you visit this park/facility?	Who are you usually with when you visit this park/facility? (Check ALL that apply)
Adult Softball Complex	<input type="radio"/> Y <input type="radio"/> N	<input type="radio"/> > 1 visit/week <input type="radio"/> 1-3 times/month <input type="radio"/> < 1 visit /month	<input type="checkbox"/> Spouse <input type="checkbox"/> Children <input type="checkbox"/> Other family <input type="checkbox"/> Friends
Battleground Golf Course	<input type="radio"/> Y <input type="radio"/> N	<input type="radio"/> > 1 visit/week <input type="radio"/> 1-3 times/month <input type="radio"/> < 1 visit /month	<input type="checkbox"/> Spouse <input type="checkbox"/> Children <input type="checkbox"/> Other family <input type="checkbox"/> Friends
Bayou Bend Park	<input type="radio"/> Y <input type="radio"/> N	<input type="radio"/> > 1 visit/week <input type="radio"/> 1-3 times/month <input type="radio"/> < 1 visit /month	<input type="checkbox"/> Spouse <input type="checkbox"/> Children <input type="checkbox"/> Other family <input type="checkbox"/> Friends
Big Bend Park	<input type="radio"/> Y <input type="radio"/> N	<input type="radio"/> > 1 visit/week <input type="radio"/> 1-3 times/month <input type="radio"/> < 1 visit /month	<input type="checkbox"/> Spouse <input type="checkbox"/> Children <input type="checkbox"/> Other family <input type="checkbox"/> Friends
Brookhollow Park	<input type="radio"/> Y <input type="radio"/> N	<input type="radio"/> > 1 visit/week <input type="radio"/> 1-3 times/month <input type="radio"/> < 1 visit /month	<input type="checkbox"/> Spouse <input type="checkbox"/> Children <input type="checkbox"/> Other family <input type="checkbox"/> Friends
Brownwind Park	<input type="radio"/> Y <input type="radio"/> N	<input type="radio"/> > 1 visit/week <input type="radio"/> 1-3 times/month <input type="radio"/> < 1 visit /month	<input type="checkbox"/> Spouse <input type="checkbox"/> Children <input type="checkbox"/> Other family <input type="checkbox"/> Friends
College Park	<input type="radio"/> Y <input type="radio"/> N	<input type="radio"/> > 1 visit/week <input type="radio"/> 1-3 times/month <input type="radio"/> < 1 visit /month	<input type="checkbox"/> Spouse <input type="checkbox"/> Children <input type="checkbox"/> Other family <input type="checkbox"/> Friends
Deer Meadows Park	<input type="radio"/> Y <input type="radio"/> N	<input type="radio"/> > 1 visit/week <input type="radio"/> 1-3 times/month <input type="radio"/> < 1 visit /month	<input type="checkbox"/> Spouse <input type="checkbox"/> Children <input type="checkbox"/> Other family <input type="checkbox"/> Friends
Destiny Park	<input type="radio"/> Y <input type="radio"/> N	<input type="radio"/> > 1 visit/week <input type="radio"/> 1-3 times/month <input type="radio"/> < 1 visit /month	<input type="checkbox"/> Spouse <input type="checkbox"/> Children <input type="checkbox"/> Other family <input type="checkbox"/> Friends
Dow Park	<input type="radio"/> Y <input type="radio"/> N	<input type="radio"/> > 1 visit/week <input type="radio"/> 1-3 times/month <input type="radio"/> < 1 visit /month	<input type="checkbox"/> Spouse <input type="checkbox"/> Children <input type="checkbox"/> Other family <input type="checkbox"/> Friends
East Meadows Park	<input type="radio"/> Y <input type="radio"/> N	<input type="radio"/> > 1 visit/week <input type="radio"/> 1-3 times/month <input type="radio"/> < 1 visit /month	<input type="checkbox"/> Spouse <input type="checkbox"/> Children <input type="checkbox"/> Other family <input type="checkbox"/> Friends
Ella and Friends Dog Park	<input type="radio"/> Y <input type="radio"/> N	<input type="radio"/> > 1 visit/week <input type="radio"/> 1-3 times/month <input type="radio"/> < 1 visit /month	<input type="checkbox"/> Spouse <input type="checkbox"/> Children <input type="checkbox"/> Other family <input type="checkbox"/> Friends
Kingsdale Activity Center	<input type="radio"/> Y <input type="radio"/> N	<input type="radio"/> > 1 visit/week <input type="radio"/> 1-3 times/month <input type="radio"/> < 1 visit /month	<input type="checkbox"/> Spouse <input type="checkbox"/> Children <input type="checkbox"/> Other family <input type="checkbox"/> Friends
Minchen Athletic Complex	<input type="radio"/> Y <input type="radio"/> N	<input type="radio"/> > 1 visit/week <input type="radio"/> 1-3 times/month <input type="radio"/> < 1 visit /month	<input type="checkbox"/> Spouse <input type="checkbox"/> Children <input type="checkbox"/> Other family <input type="checkbox"/> Friends
Monroe Park	<input type="radio"/> Y <input type="radio"/> N	<input type="radio"/> > 1 visit/week <input type="radio"/> 1-3 times/month <input type="radio"/> < 1 visit /month	<input type="checkbox"/> Spouse <input type="checkbox"/> Children <input type="checkbox"/> Other family <input type="checkbox"/> Friends
Nedith Park	<input type="radio"/> Y <input type="radio"/> N	<input type="radio"/> > 1 visit/week <input type="radio"/> 1-3 times/month <input type="radio"/> < 1 visit /month	<input type="checkbox"/> Spouse <input type="checkbox"/> Children <input type="checkbox"/> Other family <input type="checkbox"/> Friends
P Street Detention Pond	<input type="radio"/> Y <input type="radio"/> N	<input type="radio"/> > 1 visit/week <input type="radio"/> 1-3 times/month <input type="radio"/> < 1 visit /month	<input type="checkbox"/> Spouse <input type="checkbox"/> Children <input type="checkbox"/> Other family <input type="checkbox"/> Friends
P Street Right-of-Way	<input type="radio"/> Y <input type="radio"/> N	<input type="radio"/> > 1 visit/week <input type="radio"/> 1-3 times/month <input type="radio"/> < 1 visit /month	<input type="checkbox"/> Spouse <input type="checkbox"/> Children <input type="checkbox"/> Other family <input type="checkbox"/> Friends



Park Green	<input type="radio"/> Y <input type="radio"/> N	<input type="radio"/> > 1 visit/week <input type="radio"/> 1-3 times/month <input type="radio"/> < 1 visit /month	<input type="checkbox"/> Spouse <input type="checkbox"/> Children <input type="checkbox"/> Other family <input type="checkbox"/> Friends
Park Meadows Park	<input type="radio"/> Y <input type="radio"/> N	<input type="radio"/> > 1 visit/week <input type="radio"/> 1-3 times/month <input type="radio"/> < 1 visit /month	<input type="checkbox"/> Spouse <input type="checkbox"/> Children <input type="checkbox"/> Other family <input type="checkbox"/> Friends
Parkside Place Park	<input type="radio"/> Y <input type="radio"/> N	<input type="radio"/> > 1 visit/week <input type="radio"/> 1-3 times/month <input type="radio"/> < 1 visit /month	<input type="checkbox"/> Spouse <input type="checkbox"/> Children <input type="checkbox"/> Other family <input type="checkbox"/> Friends
Parkview Park	<input type="radio"/> Y <input type="radio"/> N	<input type="radio"/> > 1 visit/week <input type="radio"/> 1-3 times/month <input type="radio"/> < 1 visit /month	<input type="checkbox"/> Spouse <input type="checkbox"/> Children <input type="checkbox"/> Other family <input type="checkbox"/> Friends
Running Brook Park	<input type="radio"/> Y <input type="radio"/> N	<input type="radio"/> > 1 visit/week <input type="radio"/> 1-3 times/month <input type="radio"/> < 1 visit /month	<input type="checkbox"/> Spouse <input type="checkbox"/> Children <input type="checkbox"/> Other family <input type="checkbox"/> Friends
Spencerview Athletic Complex	<input type="radio"/> Y <input type="radio"/> N	<input type="radio"/> > 1 visit/week <input type="radio"/> 1-3 times/month <input type="radio"/> < 1 visit /month	<input type="checkbox"/> Spouse <input type="checkbox"/> Children <input type="checkbox"/> Other family <input type="checkbox"/> Friends
Terrace Park	<input type="radio"/> Y <input type="radio"/> N	<input type="radio"/> > 1 visit/week <input type="radio"/> 1-3 times/month <input type="radio"/> < 1 visit /month	<input type="checkbox"/> Spouse <input type="checkbox"/> Children <input type="checkbox"/> Other family <input type="checkbox"/> Friends
Tiffany Amber Park	<input type="radio"/> Y <input type="radio"/> N	<input type="radio"/> > 1 visit/week <input type="radio"/> 1-3 times/month <input type="radio"/> < 1 visit /month	<input type="checkbox"/> Spouse <input type="checkbox"/> Children <input type="checkbox"/> Other family <input type="checkbox"/> Friends
Wynfield Park	<input type="radio"/> Y <input type="radio"/> N	<input type="radio"/> > 1 visit/week <input type="radio"/> 1-3 times/month <input type="radio"/> < 1 visit /month	<input type="checkbox"/> Spouse <input type="checkbox"/> Children <input type="checkbox"/> Other family <input type="checkbox"/> Friends
Youth Sports Complex	<input type="radio"/> Y <input type="radio"/> N	<input type="radio"/> > 1 visit/week <input type="radio"/> 1-3 times/month <input type="radio"/> < 1 visit /month	<input type="checkbox"/> Spouse <input type="checkbox"/> Children <input type="checkbox"/> Other family <input type="checkbox"/> Friends

2. Please provide the street intersection closest to your home. We ask this to understand which parks/facilities are servicing which blocks. We will keep all information collected confidential.

_____ & _____

3. How do you usually travel to these parks/facilities?

☐ Walk ☐ Bike ☐ Drive ☐ Other, please specify: _____

4. How long do you usually spend in these parks/facilities?

☐ < 30 minutes ☐ 30-60 minutes ☐ 60-120 minutes ☐ > 120 minutes

5. What are your main purposes of visits? (Check ALL that apply)

<input type="checkbox"/> To enjoy the weather and get fresh air	<input type="checkbox"/> To be in a peaceful and quiet environment
<input type="checkbox"/> To relax and reduce stress	<input type="checkbox"/> To observe flora and fauna
<input type="checkbox"/> To learn about nature and wildlife	<input type="checkbox"/> To exercise
<input type="checkbox"/> To visit the nature playscape	<input type="checkbox"/> To walk my dog(s)
<input type="checkbox"/> To spend time together with my children	<input type="checkbox"/> To meet and interact with people
<input type="checkbox"/> Other, please specify: _____	

6. What park facilities/programs would you like to see more in Deer Park?

- ☐ Walking or hiking trails
- ☐ Sports fields or outdoor exercise equipment
- ☐ Areas for passive recreation
- ☐ Gardens
- ☐ Lawns
- ☐ Trees or more canopy cover
- ☐ Art and cultural installations
- ☐ Playgrounds
- ☐ Landmarks and unique signage
- ☐ Community events
- ☐ Sports and fitness programs, classes, and tournaments
- ☐ Aquatic programs
- ☐ Nature and environmental education
- ☐ Arts, crafts, acting, and dancing events
- ☐ Food trucks and concessions
- ☐ Camps and activities for children
- ☐ Senior programs
- ☐ Seasonal and festive events

7. How do you usually find out about the park and recreation programs?

- ☐ Member or listserv notices
- ☐ Park & Recreation brochures
- ☐ Google or other search engines
- ☐ Park & Recreation website
- ☐ Park & Recreation brochures
- ☐ Newspaper/TV/radio
- ☐ Discovered when driving/walking by
- ☐ Word of mouth
- ☐ Other, please specify _____

8. Please provide any suggestions about park and recreation programs in the future (e.g., activities, classes, events, green space, etc.)

9. Please rate the following based on your overall assessment of parks/facilities in Deer Park

- Overall number and variety of parks/facilities in Deer Park

☐ Exceeds expectations

☐ Meets our needs

☐ Does not meet our needs
- Overall quality of parks/facilities in Deer Park

☐ Exceeds expectations

☐ Meets our needs

☐ Does not meet our needs
- Overall number and variety of recreation programs/events in Deer Park

☐ Exceeds expectations

☐ Meets our needs

☐ Does not meet our needs
- Overall quality of recreation programs and events in Deer Park

☐ Exceeds expectations

☐ Meets our needs

☐ Does not meet our needs
- Accessibility of parks/facilities

☐ Exceeds expectations

☐ Meets our needs

☐ Does not meet our needs
- Scenic beauty of parks/facilities

☐ Exceeds expectations

☐ Meets our needs

☐ Does not meet our needs
- Maintenance of parks/facilities

☐ Exceeds expectations

☐ Meets our needs

☐ Does not meet our needs

Section II. Your Outdoor Activities and Quality of Life

1. How many total hours per week do you usually spend on the following activities?

Total time outdoors _____ hrs
Spend time in your front/back yard _____ hrs
Spend time on neighborhood streets _____ hrs
Spend time in parks, open fields, or wooded areas? _____ hrs
Total time doing physical activity? _____ hrs
Total time doing moderate to vigorous physical activity (e.g., brisk walking, riding bikes, playing active games, running, sports)? _____ hrs

2. The following questions are about your well-being during the past 30 days.

- Would you say that in general your health is: ☐ Excellent ☐ Very good ☐ Good ☐ Fair ☐ Poor
- Now thinking about your physical health, which includes physical illness and injury, for how many days was your physical health not good?
Number of days: _____
- Now thinking about your mental health, which includes stress, depression, and problems with emotions, for how many days was your mental health not good? Number of days: _____
- For about how many days did poor physical or mental health keep you from doing your usual activities, such as self-care, work, or recreation?
Number of days: _____
- For about how many days did PAIN make it hard for you to do your usual activities, such as self-care, work, or recreation?
Number of days: _____
- For about how many days have you felt SAD, BLUE, or DEPRESSED? Number of days: _____
- For about how many days have you felt WORRIED, TENSE, or ANXIOUS? Number of days: _____
- For about how many days have you felt you did NOT get ENOUGH REST or SLEEP? Number of days: _____
- For about how many days have you felt VERY HEALTHY AND FULL OF ENERGY? Number of days: _____

3. The following questions are about your feelings about and attachment to City of Deer Park.

	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
I am very attached to Deer Park	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I identify strongly with Deer Park	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I have a lot of fond memories of Deer Park	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Deer Park is the best place for what I like to do	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
No other place can compare to Deer Park	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Doing my activities in Deer Park is more important than doing them in any other place	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

4. Do you have a child or children aged between 6 and 17 years old?

☐ Yes ➡ Please proceed to [Section III](#) ☐ No ➡ Please skip Section III and proceed to [Section IV](#)



Section III. Your Children’s Outdoor Activities

The following questions are about your child, his/her pattern of outdoor play, and your perceived benefits and concerns. This section helps us understand how the parks and facilities are serving children and enables us to plan for the health and well-being of our next generation.

1. How old is your child? (If you have multiple children who are aged 6-17 years, please answer all questions in Section II based on the one child with the most recent birthday.)

- 6-8 years
- 9-11 years
- 12-14 years
- 15-17 years

2. What’s your child’s gender?

- Male
- Female
- Prefer not to answer

3. How many total hours per week does your child usually spend on the following activities?

Total time outdoors _____hrs

Spend time in your front/back yard _____hrs

Spend time on neighborhood streets _____hrs

Spend time in parks, open fields, or wooded areas? _____hrs

Total time doing physical activity? _____hrs

Total time doing moderate to vigorous physical activity (e.g., brisk walking, riding bikes, playing active games, running, sports)? _____hrs

4. The following is a list of things that may be a problem for children. Please tell us how much of a problem each one has been for your child.

In the past week, how much of a problem has your child with:

Walking	Never	Almost never	Sometimes	Often	Almost always
Running	Never	Almost never	Sometimes	Often	Almost always
Participating in sports activity or exercise	Never	Almost never	Sometimes	Often	Almost always
Lifting something heavy	Never	Almost never	Sometimes	Often	Almost always
Doing chores, like packing up his/her toys	Never	Almost never	Sometimes	Often	Almost always
Feeling afraid or scared	Never	Almost never	Sometimes	Often	Almost always
Feeling sad or blue	Never	Almost never	Sometimes	Often	Almost always
Feeling angry	Never	Almost never	Sometimes	Often	Almost always
Worrying about what will happen	Never	Almost never	Sometimes	Often	Almost always
Playing with other children	Never	Almost never	Sometimes	Often	Almost always
Other children not wanting to play with him/her	Never	Almost never	Sometimes	Often	Almost always
Getting teased by other children	Never	Almost never	Sometimes	Often	Almost always
Paying attention in class	Never	Almost never	Sometimes	Often	Almost always
Forgetting things related to school	Never	Almost never	Sometimes	Often	Almost always
Keeping up with schoolwork	Never	Almost never	Sometimes	Often	Almost alway

5. Please indicate whether you agree with the following statements about your perceptions of how safe and beneficial it is for your child to play outdoors.

	1	2	3	4	5	6
	Strongly Disagree	Somewhat Disagree	Slightly Disagree	Slightly Agree	Somewhat Agree	Strongly Agree
Playing outside encourages too much aggressive behavior	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
All playgrounds should contain natural element	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Playing outside would be good for my child’s health	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
There is too much crime for my child to play outside	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I think my child should go on nature hikes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Playing outside is a wasteful way for children to spend their free time	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
My neighborhood is safe enough for children to play outside	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I would let my child walk in the rain even if they got wet	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
My child gets too dirty when playing outside	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I am afraid my child may be harmed by strangers outside	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Spending time outdoors is a meaningful family activity	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I worry that my child will be hurt by gangs if he/she plays outside	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
My child’s learning can be stimulated by outdoor play	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Playing outside hurts my child’s school grades	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Playing outdoors is a good way to improve hand-eye coordination	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other children in my neighborhoods are safe for my child to play around	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Children who play outdoors gain confidence	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I allow my child to have a wide range of recreational outdoor activities from which to choose	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I feel that outdoor play interferes too much with my child’s homework time	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
My child is easier to manage after spending time outside	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I am afraid my child may be adducted outdoors	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I let my child make mud pies	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Taking part in outdoor recreation improves my child’s communication skills	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Outdoor activities over stimulate my child	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Taking part in outdoor activities helps to build up my child’s level of independence	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I would let my child play in a sand box	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Outdoor activities are a good way for my child to make friends	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Participating in outdoor play is a good way for my child to get exercise	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Section IV. Your Background Info

The following questions are about your background. This section helps us understand the population groups served by the parks/facilities.

- 1. What is your age? ____
- 2. In what year did you start living in City of Deer Park? ____.
- 3. What is your gender?
 - Female
 - Male
 - Prefer not to answer
- 4. Are you of Hispanic, Latino, or Spanish origin?
 - Yes
 - No
 - Prefer not to answer
- 5. What is your race?
 - Caucasian
 - African American
 - Asian
 - Native Hawaiian or Pacific Islander
 - American Indian or Alaska Native
 - Two or more races
 - Other
 - Prefer not to answer
- 6. What is the highest level of education you have completed?
 - Less than high school
 - High school or equivalent
 - Bachelor’s degree (e.g. BA, BS)
 - Graduate degree (e.g. MS, PhD)
 - Prefer not to answer

- 7. Are you currently:
 - Married or living with a partner
 - Divorced, widowed, or separated
 - Never married
 - Prefer not to answer
- 8. What is your current total household income from all sources (before taxes)?
 - \$9,999 or less
 - \$10,000 to \$24,999
 - \$25,000 to \$49,999
 - \$50,000 to \$74,999
 - \$75,000 to \$99,999
 - \$100,000 or more
 - Prefer not to answer
- 9. How would you describe your home?
 - A single-family house or townhouse
 - A duplex, triplex, or fourplex
 - An apartment
 - Other, specify _____
- 10. Including yourself, how many people live in your current household?
 - Number of Children aged 5 or younger

 - Number of children aged 6-17

 - Number of adults aged 18-64

 - Number of adults aged 65 or older

The first 300 respondents to this survey will each receive a gift card of \$10. Due to online fraudulent responses, we will be mailing the gift card to you using the address provided below. Your address needs to be a valid City of Deer Park address in order for you to receive the gift card.

If you wish not to receive the gift card, you can skip the questions below.

First name _____

Last name _____

Street address line 1 _____

Street address line 2 _____

City _____

Zip code _____

Phone number _____

Email Address _____



Appendix 2. Content Analysis of Qualitative Comments

Table 1. Key themes emerged from the open-ended question regarding future park and recreation programs.

Main Themes	Topics	Frequency	Percent-age
Theme 1	Events and programs	117	32.87%
	Leisure and recreation programs	28	7.87%
	Arts and cultural programs	25	7.02%
	Events	21	5.90%
	Outdoor fitness programs	20	5.62%
	Sports classes/activities	14	3.93%
	Nature walk and meditation	8	2.25%
	Mental health programs	5	1.40%
	Food related programs	5	1.40%
	Educational programs	5	1.40%
Theme 2	Park and Recreation features	101	28.37%
	Green space & trees	28	7.87%
	Trails	18	5.06%
	Sports courts and facilities	15	4.21%
	Vegetation and flowers	12	3.37%
	Water features	10	2.81%
	Community gardens/rose gardens	6	1.69%
	Indoor pool	6	1.69%
	Dog park	5	1.40%
	Gardens	5	1.40%
	Lawns	5	1.40%
Theme 3	Age inclusive facilities & programs	56	15.73%
	Children	23	6.46%
	Older adults	12	3.37%
	Family oriented programs	10	2.81%
	Adults	5	1.40%
	Teenagers	4	1.12%
	Toddlers	3	0.84%
Theme 4	Park Amenities	23	6.46%
	Shade	8	2.25%
	Seating	7	1.97%
	Parking	4	1.12%
	Lighting	4	1.12%
	Restrooms	4	1.12%

Appendix 2. Content Analysis of Qualitative Comments

Table 1 cont. Key themes emerged from the open-ended question regarding future park and recreation programs.

Main Themes	Topics	Frequency	Percentage
Theme 5	Park and facility maintenance	18	5.06%
	Facility, equipment, trails, vegetation	13	3.65%
	Mosquito control	3	0.84%
	Litter	3	0.84%
Theme 6	Accessible facilities & programs for all abilities, anytime	17	4.78%
	Programs in the evenings and during weekends	5	1.40%
	Seasonal programs	5	1.40%
	Physical disabilities	4	1.12%
	Mental and neurodisorders	3	0.84%
Theme 7	Other Suggestions	29	8.15%
	Sustainable education and practices	13	3.65%
	Information and awareness	7	1.97%
	Technology infusion	5	1.40%
	Lighting and safety	5	1.40%