

Stage in Program Lifecycle: 2010

Stage in Program Lifecycle					
Introduction	Take-Off	Growth	Mature	Saturated	Decline
Senior programs contractual- paper artistry	Aquatics-City free group swim lessons	Aquatics- City group swim lessons	Aquatics-Aquat Fitness	Aquatics-Free group swim lessons	Aquatics-Scuba
Senior programs contractual-ESOL	Aquatics-Ellis Lifeguard Class	Aquatics-City Private swim lessons	Senior Programs-In house-Line dancing	Aquatics-Ellis Lifeguard class	Senior Programs-Trips-Sports Venues
Senior Programs-In house-Book Club		Aquatics-Swim team programs	Senior Programs-In house-New Years Party	Senior programs contractual-Green Thumbs	Contractual Youth Programs
Senior Programs-In house-Walk your way to health		Camps- Mini camps and Kids day off	Senior Programs-In house-Dinner Party	Senior programs contractual-Choral group	Youth-in house classes-Rec Baseball
Senior Programs-In house-Gardening Club		Camps-Summer Camps	Senior Programs-In house-Picnic	Senior programs contractual-Painting	Youth-in house classes-Rec Soccer
Senior Programs-In house-Scottish dancing		Theater Programs- Broadway series	Senior Programs-In house-Duplicate bridge	Senior Programs-In house-Woodcarving	Youth-in house classes-Rec flag-football and cheerleading
Special Events-Earth Day		Theater Programs- World Music series	Senior Programs-In house-single club	Senior Programs-In house-Movies	Youth-in house classes-Rec basketball
Special Events		Theater Programs- Children's show time	Senior Programs-In house-Bingo	Senior Programs-In house-Tai Chi	Youth-in house classes-Rec Roller Hockey
		Theater Programs- Jazz-Blues	Senior Programs-Trips-General Trips	Senior Programs-In house-Aerobics	Youth-in house classes-Rec Softball
		Theater Programs- American Tribute	Special Events	Senior Programs-In house-Reg. Bridge	Youth-in house classes-Travel soccer
		Senior programs contractual-Computers	Special Events- Woodstock	Senior Programs-In house-Stretcherise	Youth-in house classes-babygarten
		Senior programs contractual-Beading	Youth In house classes-Tackle football	Senior Programs-In house-Bocce	Youth-in house classes-Kids in the kitchen
		Senior programs contractual-Spanish	Youth In house classes-Just you and me	Senior Programs-In house-Mah Jongg	Youth-in house classes-Adult Basketball league
		Senior Programs-In house-AARP safe driver	Youth In house classes-Crafty kids	Medical Transportation	
		Senior Programs-In house-Bowling	Youth In house classes-Tot adventures	Mini-bus transportation	
		Senior Programs-In house-Sewing		Contractual Youth Programs	
		Senior Programs-Trips-Casino Trips		Youth In house classes-Travel Baseball	
		Special Events		Youth In house classes-Tackle cheerleading	
		Youth In house classes-Travel softball			
		Youth In house classes-2006-17			
		Youth In house classes-2007-25			
		Youth In house classes-2008-33			
		Youth In house classes-2009-53			
<i>New program; modest participation</i>	<i>Rapid participation growth</i>	<i>Moderate, but consistent participation growth</i>	<i>Slow participation growth</i>	<i>Minimal to no participation growth; extreme competition</i>	<i>Declining participation</i>

Stage in Program Lifecycle: 2012

Stage in Program Lifecycle					
Introduction	Take-Off	Growth	Mature	Saturated	Decline
Social Service: Veterans Advisor	Earth Day Festival	Special Events	Mini Camps & Kids Days off	Transit - Mini bus Transportation	Senior Programs Trips: Sports Venues
Special Events	Social Service: Income Tax Assistance	Youth In-House Programs: Travel Softball	Youth In-House Programs: Travel Soccer	Medical Transportation	Youth In-House Programs: Rec Baseball
Senior Programs In-House: Beginners Line Dancing	Social Service: Eyeglass Repair	Social Services: Hearing Screenings	Youth In-House Programs: Babygarten	Contractual Youth Programs	Youth In-House Programs: Rec Soccer
Senior Programs In-House: Chess	Senior Programs In-House: Book Club	Social Services: Bone Density Screenings	Youth In-House Programs: Kids in the Kitchen	Youth In-House Programs: Travel Baseball	Youth In-House Programs: Rec Flag Football and Cheerleading
Senior Programs - Contractual: ESOL	Senior Programs In-House: Walk Your Way to Health	Social Services: Memory Screenings	Summer Camp	Youth In-House Programs: Tackle Cheerleading	Youth In-House Programs: Rec Basketball
Adult Contracted Classes: Pilates	Senior Programs In-House: Gardening Club	Senior Programs - Contractual: Computers	Special Events	Social Services: Utility Financial Assistance	Youth In-House Programs: Rec Roller Hockey
Adult Contracted Classes: SOCA Cardio Class	Senior Programs In-House: Scottish Dancing	Senior Programs - Contractual: Beading	Youth In-House Programs: Tackle Football	Social Services: Mammovan	Youth In-House Programs: Rec Softball
		Senior Programs - Contractual: Spanish	Youth In-House Programs: Just You and Me	Senior Programs - Contractual: Painting	Adult Contracted Classes: Jazzercise
		Senior Programs In-House: AARP Safe Driver	Youth In-House Programs: Crafty Kids	Senior Programs - Contractual: Choral Group	Adult Classes In-House: Adult Competitive Basketball
		Senior Programs In-House: Bowling	Youth In-House Programs: Tot Adventures	Senior Programs In-House: Tai Chi	Aquatics: Scuba
		Senior Programs In-House: Sewing	Social Service: Food Pantry	Senior Programs In-House: Aerobics	
		Senior Programs - Trips: Casino Trips	Social Service: Information & Referral	Senior Programs In-House: Stretchercise	
		Adult Contracted Classes: Belly Dancing	Social Service: Turkey baskets	Senior Programs In-House: Duplicate Bridge	
		Theater Programs: Broadway Series	Social Service: Holiday Party	Senior Programs In-House: Bingo	
		Theater Programs: World Music Series	Social Service: Fee Waiver		
		Theater Programs: Children's Showtime	Social Service: Blood Pressure Checks		
		Theater Programs: Jazz/Blues	Social Service: Bereavement Group		
		Theater Programs: American Tribute	Social Service: Property Tax Exemption Assessment		
			Senior Programs In-House: Line Dancing		
			Senior Programs In-House: Movies		
			Senior Programs In-House: Dinner Dance		
			Senior Programs In-House: Picnic		
			Senior Programs In-House: Woodcarving		
			Senior Programs In-House: Single Club		
			Senior Programs In-House: Reg. Bridge		
			Senior Programs In-House: Bocce		
			Senior Programs In-House: Mah Jongg		
			Senior Programs - Trips: General Trips		
			Adult Contracted Classes: Hatha Yoga		
			Adult Contracted Classes: Kundalini Yoga		
			Adult Contracted Classes: Zumba		
			Adult Contracted Classes: Personal Training/Fit Power Hour		
			Aquatics: Aqua Fitness		
			Sunrise Art Gallery		
			Aquatics: City Group Swim Lesson		
			Aquatics: City Private Swim Lessons		
			Aquatics: Swim Team Program		

Community Attitude and Interest Survey

Executive Summary of Citizen Survey Results

Overview and Methodology

The City of Sunrise Leisure Services Department conducted a Community Attitude and Interest Survey during the fall of 2009. The purpose of the survey was to help establish priorities for the future improvement of parks and recreation facilities, programs and services within the community. The survey was designed to obtain statistically valid results from households throughout the City of Sunrise. The survey was administered by a combination of mail and phone.

Leisure Vision worked extensively with City of Sunrise officials, as well members of the Glatting Jackson project team in the development of the survey questionnaire. This work allowed the survey to be tailored to issues of strategic importance to effectively plan the future system.

Leisure Vision mailed surveys to a random sample of 1,500 households throughout the City of Sunrise. Approximately three days after the surveys were mailed each household that received a survey also received an electronic voice message encouraging them to complete the survey. In addition, about two weeks after the surveys were mailed Leisure Vision began contacting households by phone. Those who indicated they had not returned the survey were given the option of completing it by phone.

The goal was to obtain a total of at least 300 completed surveys from City of Sunrise households. This goal was accomplished, with a total of 328 surveys having been completed. The results of the random sample of 328 households have a 95% level of confidence with a precision of at least +/- 5.4%.

The following pages summarize major survey findings:

Community Attitude & Interest Survey for the City of Sunrise Leisure Services Dept.

Major Survey Findings

- **Use of City Parks and Recreation Facilities.** The City of Sunrise parks and recreation facilities used by the highest percentage of households over the past 12 months are: Markham County Parks (40%), Welleby Passive Park (30%), Sunrise Civic Center (29%), and Sunrise Athletic Complex (24%).

Ninety-two percent (92%) of households rated the physical condition of the City parks and recreation facilities they've visited as either excellent or good.

- **Need for Parks and Recreation Facilities.** The parks and recreation facilities that the highest percentage of households have a need for are: small neighborhood parks within walking distance (58%), picnic areas and shelters (54%), indoor fitness and exercise facilities (49%), large community parks (43%), natural areas/wildlife habitats (41%), paved trails (40%), and swimming pools/water parks (40%).

- **Most Important Parks and Recreation Facilities.** Based on the sum of their top four choices, the parks and recreation facilities that households rated as the most important are: small neighborhood parks within walking distance (28%), picnic areas and shelters (21%), indoor fitness and exercise facilities (19%), off-leash dog parks (16%), and swimming pools/water parks (16%).

- **Participation in City Recreation Programs.** Twenty-two percent (22%) of households have participated in programs offered by the City of Sunrise Leisure Services Department. Of the 22% of households that have participated in Sunrise Leisure Services Dept. programs, 89% rated the overall quality of the recreation programs as either excellent or good.

Of the 22% of households that participated in Sunrise Leisure Services Dept. programs, 60% have participated in at least two different recreation programs during the past 12 months. The most frequently mentioned reasons that households use Sunrise Leisure Services Dept. programs are the fees charged for the class and the location of the program facility.

- **Reasons Preventing the Use of City Parks, Facilities or Programs More Often.** The most frequently mentioned reasons preventing households from using City parks, recreation facilities or programs more often are: we are not interested/too busy (26%), too far from our residence (19%), and I do not know what is being offered (17%).

Community Attitude & Interest Survey for the City of Sunrise Leisure Services Dept.

- **Ways Households Learn About City Parks and Recreation Programs and Activities.** The most frequently mentioned ways respondents learn about City of Sunrise parks and recreation programs and activities are: Parks and Recreation Brochure (49%), from friends and neighbors (30%), City of Sunrise website (21%), and newspaper articles (21%).
- **Most Important Benefits of Parks, Trails, and Recreation Facilities and Services.** Based on the sum of their top three choices, the benefits of parks, trails, and recreation facilities and services that are most important to households are: improves physical health and fitness (47%), makes Sunrise a more desirable place to live (37%), increases property values in the surrounding area (28%), and helps reduce crime (26%).
- **Use of City Facilities.** Twenty-three percent (23%) of households have used City Hall during the past 12 months. Of the 23% of households that have used City Hall, 92% rated their experience with City Hall as either excellent (57%) or somewhat helpful (35%).

Thirteen percent (13%) of households have used the Public Safety Center during the past 12 months. Of the 13% of households that have used the Public Safety Center, 93% rated their experience with the Public Safety Center as either excellent (61%) or somewhat helpful (32%).

Community Interest and Opinion Survey: *Let your voice be heard today!*

The City of Sunrise would like your input to help determine park and recreation priorities for our community. This survey will take 10-15 minutes to complete. When you are finished, please return your survey in the enclosed postage-paid, return-reply envelope. We greatly appreciate your time.

1. From the following list, please check ALL the parks and recreation facilities you or members of your household have used or visited in the City of Sunrise over the past 12 months.

- | | |
|---|---|
| <input type="checkbox"/> (01) 12th St. Park | <input type="checkbox"/> (13) Sawgrass Sanctuary |
| <input type="checkbox"/> (02) City Park | <input type="checkbox"/> (14) Shotgun Road Linear Park |
| <input type="checkbox"/> (03) Flamingo Park | <input type="checkbox"/> (15) Springtree County Club |
| <input type="checkbox"/> (04) Flamingo Road Linear Park | <input type="checkbox"/> (16) Sunrise Athletic Complex |
| <input type="checkbox"/> (05) Golf Village Park | <input type="checkbox"/> (17) Sunrise Civic Center |
| <input type="checkbox"/> (06) Markham County Park | <input type="checkbox"/> (18) Sunrise Senior Center |
| <input type="checkbox"/> (07) New River Civic Center | <input type="checkbox"/> (19) Sunrise Tennis Club Park |
| <input type="checkbox"/> (08) Nob Hill Soccer Club | <input type="checkbox"/> (20) Village Beach Club |
| <input type="checkbox"/> (09) Oscar Wind Park | <input type="checkbox"/> (21) Village Multipurpose Center |
| <input type="checkbox"/> (10) Piper Field | <input type="checkbox"/> (22) Village Square Park |
| <input type="checkbox"/> (11) Roarke Pool | <input type="checkbox"/> (23) Welleby Passive Park |
| <input type="checkbox"/> (12) Roller Hockey Park | <input type="checkbox"/> (24) None |

2. Which of the parks and recreation facilities listed above in Question #1 do you and members of your household use most often? [Please write in the number below for the park/facility your household uses most often, using the numbers in Question #1 above.]

 Use Most Often

3. What improvements would you make to the City of Sunrise park you use most often?

4. Overall how would you rate the physical condition of ALL the City of Sunrise parks and recreation facilities you have visited?

- | | |
|--|-----------------------------------|
| <input type="checkbox"/> (1) Excellent | <input type="checkbox"/> (3) Fair |
| <input type="checkbox"/> (2) Good | <input type="checkbox"/> (4) Poor |

5. Please indicate if **YOU or any member of your HOUSEHOLD** has a need for each of the parks and recreational facilities listed below by circling the YES or NO next to the park/facility.

If YES, please rate ALL the following parks and recreation FACILITIES of this type in Sunrise on a scale of 5 to 1, where 5 means "100% Meets Needs" and 1 means "Does Not Meet Needs" of your household.

Type of Facility	Do You Have a Need for this Facility?		If YES You Have a Need, How Well Are Your Needs Being Met?				
	Yes	No	100% Met	75% Met	50% Met	25% Met	0% Met
A. Small neighborhood parks within walking distance	Yes	No	5	4	3	2	1
B. Youth baseball/ softball fields	Yes	No	5	4	3	2	1
C. Unpaved nature trails	Yes	No	5	4	3	2	1
D. Large community parks	Yes	No	5	4	3	2	1
E. Adult softball/ baseball fields	Yes	No	5	4	3	2	1
F. Off-leash dog parks	Yes	No	5	4	3	2	1
G. Natural areas/wildlife habitats	Yes	No	5	4	3	2	1
H. Picnic areas and shelters	Yes	No	5	4	3	2	1
I. Skate park	Yes	No	5	4	3	2	1
J. Paved trails	Yes	No	5	4	3	2	1
K. Soccer fields	Yes	No	5	4	3	2	1
L. Football fields	Yes	No	5	4	3	2	1
M. Multi-use fields (cricket, lacrosse, etc.)	Yes	No	5	4	3	2	1
N. Indoor fitness and exercise facilities	Yes	No	5	4	3	2	1
O. Senior recreation center	Yes	No	5	4	3	2	1
P. Outdoor tennis courts	Yes	No	5	4	3	2	1
Q. Roller Hockey facility	Yes	No	5	4	3	2	1
R. Swimming pools/water parks	Yes	No	5	4	3	2	1
S. Gymnasium/indoor courts	Yes	No	5	4	3	2	1
T. Disc golf course	Yes	No	5	4	3	2	1
U. Canoe/Kayak landing and water trails	Yes	No	5	4	3	2	1
V. Sand volleyball courts	Yes	No	5	4	3	2	1
W. Community gardens	Yes	No	5	4	3	2	1
X. Outdoor basketball courts	Yes	No	5	4	3	2	1
Y. Playgrounds/tot-lots	Yes	No	5	4	3	2	1
1. Day camp/residential camp facility	Yes	No	5	4	3	2	1
2. Meeting rooms	Yes	No	5	4	3	2	1
3. Lake access for bank/pier fishing	Yes	No	5	4	3	2	1
4. On-street bicycle lanes	Yes	No	5	4	3	2	1

6. Which **FOUR** of the facilities from the list in Question #5 are **most important** to your household? [Using the letters and numbers in the left hand column of Question #5 above, please write in the letters or numbers below for your 1st, 2nd, 3rd, and 4th choices, or circle 'NONE'.]

1st. _____ 2nd. _____ 3rd. _____ 4th. _____ NONE

7. Do you currently participate in any programs offered by the City of Sunrise Leisure Services Department?

____ (1) Yes [Please answer Questions #7a-#7c.]

____ (2) No [Please go to Question #8.]

7a. How many different recreation programs or activities offered by the City of Sunrise Leisure Services Department has your household participated in during the past 12 months?

____ (1) 1 program/activity

____ (4) 7 to 10 programs/activities

____ (2) 2 to 3 programs/activities

____ (5) 11 or more programs/activities

____ (3) 4 to 6 programs/activities

7b. From the following list, please check the THREE primary reasons why your household has participated in City of Sunrise Leisure Services Department recreation programs or recreation activities.

____ (1) Quality of instructors/coaches

____ (5) Times the program is offered

____ (2) Location of the program facility

____ (6) Friends participate in the program

____ (3) Quality of the program facility

____ (7) Dates the program is offered

____ (4) Fees charged for the class

____ (8) Other: _____

7c. How would you rate the overall quality of recreation programs or recreation activities in which your household has participated?

____ (1) Excellent

____ (3) Fair

____ (2) Good

____ (4) Poor

8. Please CHECK ALL the reasons that prevent you or other members of your household from using parks, recreation facilities or programs of the City of Sunrise Leisure Services Department more often.

____(01) Too far from our residence

____(10) Fees are too high

____(02) Program or facility not offered

____(11) Poor customer service by staff

____(03) Facilities lack the right equipment

____(12) I do not know locations of facilities

____(04) Security is insufficient

____(13) We are not interested/too busy

____(05) Lack of quality programs

____(14) I do not know what is being offered

____(06) Facilities are not well maintained

____(15) Facility operating hours not convenient

____(07) Class full

____(16) Registration for programs is difficult

____(08) Program times are not convenient

____(17) Lack of parking at facilities and parks

____(09) Use facilities in other cities

____(18) Other: _____

9. From the following list, please tell me ALL the ways you learn about City of Sunrise parks and recreation programs and activities.

____(01) Parks and Recreation Brochure

____(07) From friends and neighbors

____(02) City of Sunrise website

____(08) Flyers at parks and recreation facilities

____(03) Parks and Recreation e-mail

____(09) School flyers

____(04) Conversations with staff

____(10) Radio

____(05) Newspaper articles

____(11) Television

____(06) Newspaper advertisements

____(12) Other: _____

10. The following are some of the benefits that you and your household may receive from parks, trails, and recreation facilities and services. For each potential benefit, please indicate your level of agreement with the benefits being provided by parks, trails, and recreation facilities by circling the corresponding number.

<u>Benefits</u>	<i>Strongly Agree</i>	<i>Agree</i>	<i>Neutral</i>	<i>Disagree</i>	<i>Strongly Disagree</i>	<i>Don't Know</i>
A. Improve physical health and fitness	1	2	3	4	5	9
B. Help reduce crime	1	2	3	4	5	9
C. Make Sunrise a more desirable place to live	1	2	3	4	5	9
D. Preserve open space and the environment	1	2	3	4	5	9
E. Increase property values in surrounding area	1	2	3	4	5	9
F. Improve mental health and reduce stress	1	2	3	4	5	9
G. Provide opportunities for increased social interaction	1	2	3	4	5	9
H. Help attract new residents and businesses	1	2	3	4	5	9
I. Preserve historical attributes of the community	1	2	3	4	5	9
J. Promote tourism	1	2	3	4	5	9
K. Create a sense of place and community	1	2	3	4	5	9
L. Other: _____	1	2	3	4	5	9

11. Which **THREE** of the **BENEFITS** from the list in Question #7 are most important to you and members of your household? [Using the letters in Question #7 above, please write in the letters below for your 1st, 2nd, and 3rd choices, or circle 'NONE.']

1st: _____ 2nd: _____ 3rd: _____ NONE

12. Please indicate if you or any member of your HOUSEHOLD has used any of the public facilities listed below during the past 12 months by circling the YES or NO next to each facility.

If YES, please indicate how you would rate your experience with the facility by circling the corresponding number to the right of the facility.

Type of Facility	Have You Used This Type of Facility in the Past 12 Months?		<u>If YES, how would you describe your overall experience with the facility?</u>			
	Yes	No	Excellent	Somewhat Helpful	Confusing	Disappointing
A. City Hall	Yes	No	4	3	2	1
B. Public Safety Center	Yes	No	4	3	2	1

Demographics

13. Counting yourself, how many people live in your household? _____

14. Counting yourself, how many people in your household are?

Under 5 years _____	15 - 19 years _____	35 - 44 years _____	65 - 74 years _____
5 - 9 years _____	20 - 24 years _____	45 - 54 years _____	75+ years _____
10 - 14 years _____	25 - 34 years _____	55 - 64 years _____	

15. What is your age? _____

16. Your gender: ____ (1) Male ____ (2) Female

17. Are you or members of your household of Hispanic or Latin ancestry?

____ (1) Yes ____ (2) No

18. Check ALL of the following that describes your race/ethnicity? (Check all that apply.)

____ (1) African American/Black	____ (4) White/Caucasian
____ (2) Asian	____ (5) Native American
____ (3) Native Hawaiian or Other Pacific Islander	____ (6) Other: _____

19. What is your household income? [check one]

____ (1) Under \$25,000	____ (4) \$75,000-\$99,999
____ (2) \$25,000-\$49,999	____ (5) \$100,000-\$149,999
____ (3) \$50,000-\$74,999	____ (6) \$150,000 and over

20. How many years have you lived in the City of Sunrise? _____ years

21. What is your home zip code? _____

This concludes the survey. Thank you for your time.

Please Return Your Completed Survey in the Enclosed Return-Reply Envelope Addressed to:
ETC Institute, 725 W. Frontier Circle, Olathe, KS 66061

Your response will remain Completely Confidential
The address information on the sticker to the right will
ONLY be used to help identify areas with special interests

Importance-Unmet Needs Matrix

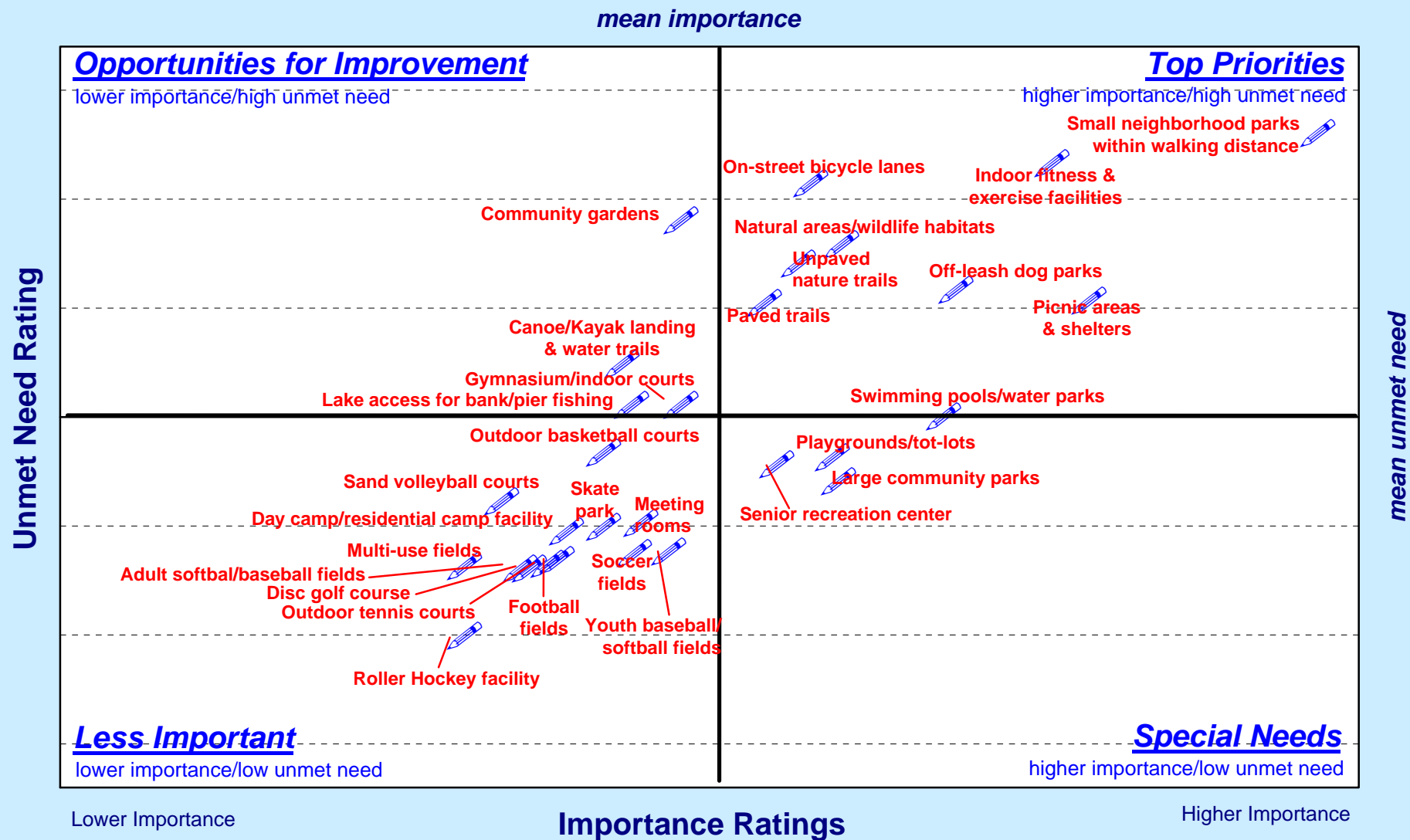
City of Sunrise, Florida

The Importance-Unmet Needs Matrix is a tool for assessing the priority that should be placed on parks and recreation facilities and recreation programs in the City of Sunrise. Each of the facilities and programs that were assessed on the survey were placed in one of the following four quadrants:

- **Top Priorities** (higher unmet need and higher importance). Items in this quadrant should be given the highest priority for improvement. Respondents placed a high level of importance on these items, and the unmet need rating is high. Improvements to items in this quadrant will have positive benefits for the highest number of City of Sunrise residents.
- **Opportunities for Improvement** (higher unmet need and lower importance). Respondents placed a lower level of importance on these items, but the unmet need rating is relatively high. Items in this quadrant should be given secondary priority for improvement.
- **Special Needs** (lower unmet need and higher importance). This quadrant shows where improvements may be needed to serve the needs of specialized populations. Respondents placed a high level of importance on these items, but the unmet need rating is relatively low.
- **Less Important** (lower unmet need and lower importance). Items in this quadrant should receive the lowest priority for improvement. Respondents placed a lower level of importance on these items, and the unmet need rating is relatively low.

Importance-Unmet Need Assessment Matrix for City of Sunrise Parks and Recreation Facilities

(points on the graph show deviations from the mean importance and unmet need ratings given by respondents to the survey)



Source: Leisure Vision/ETC Institute (February 2010)

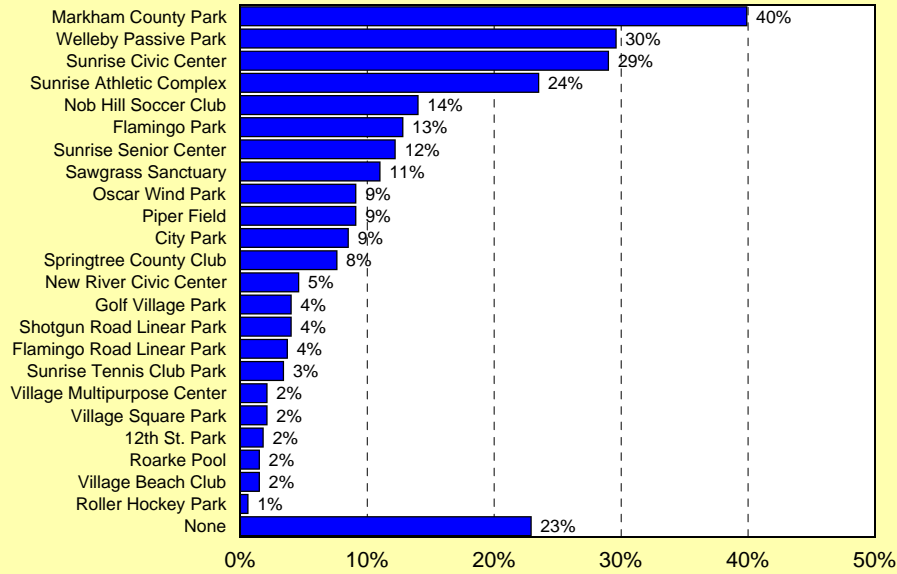
Leisure Vision/ETC Institute

Importance-Unmet Needs Matrix - 2

Community Attitude and Interest Survey for the City of Sunrise Leisure Services Dept.

Q1. Parks and Recreation Facilities That Households Have Visited or Used in the City of Sunrise Over the Past 12 Months

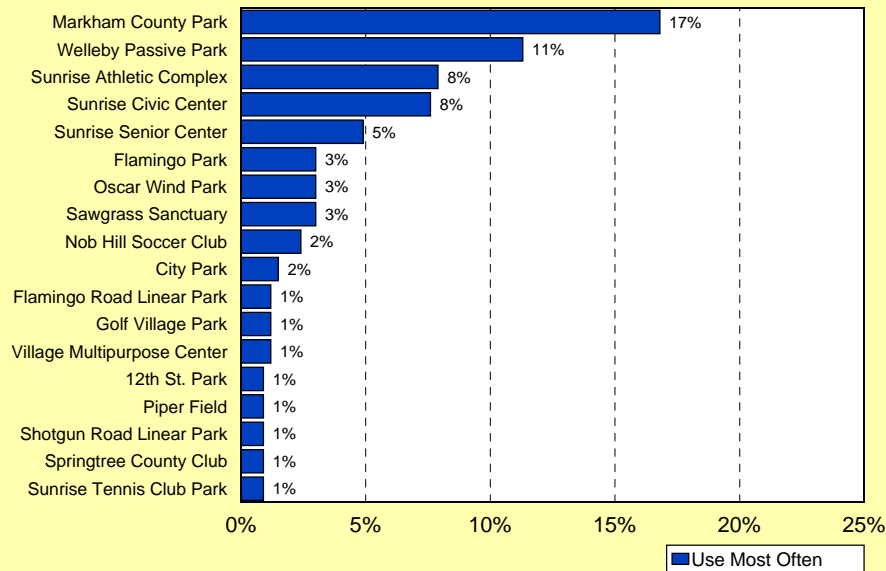
by percentage of respondents (multiple choices could be made)



Source: Leisure Vision/ETC Institute (December 2009)

Q2. Park and Recreation Facility That Households Use Most Often

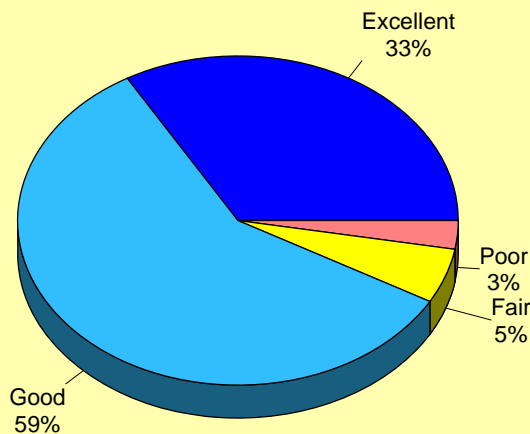
by percentage of respondents



Source: Leisure Vision/ETC Institute (December 2009)

Q4. Overall, How Would You Rate the Physical Condition of All the City of Sunrise Parks and Recreation Facilities You Have Visited?

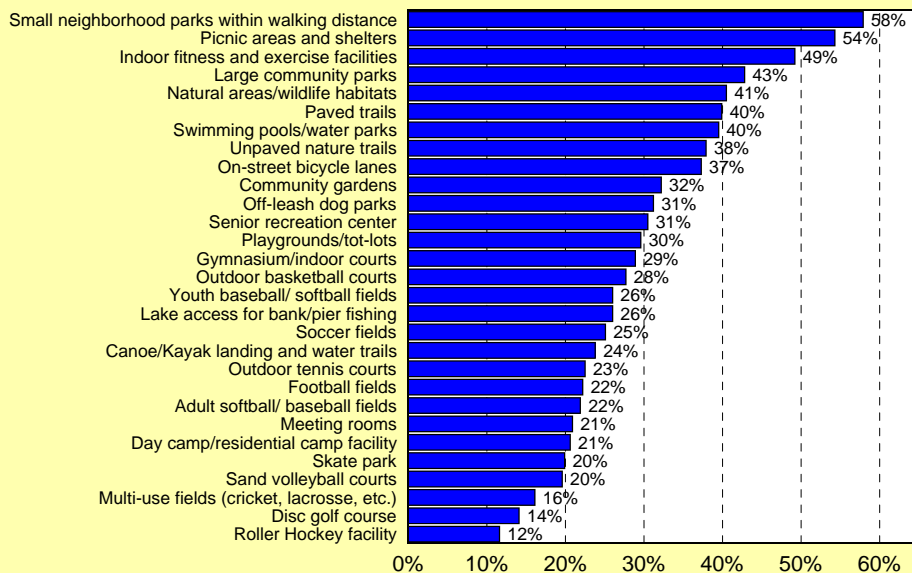
by percentage of households that have used City parks or recreation facilities



Source: Leisure Vision/ETC Institute (December 2009)

Q5. Respondent Households That Have a Need for Various Parks and Recreation Facilities

by percentage of respondents (multiple choices could be made)

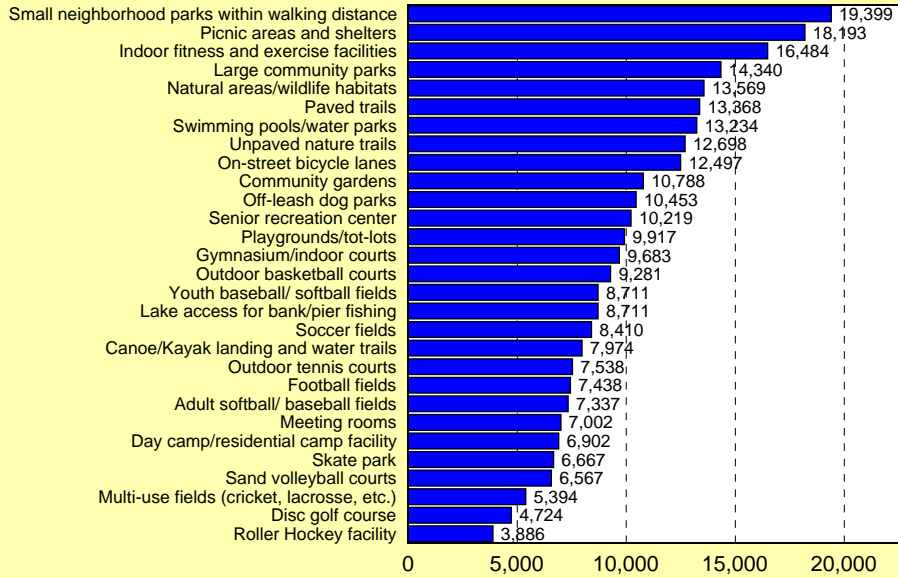


Source: Leisure Vision/ETC Institute (December 2009)

Community Attitude and Interest Survey for the City of Sunrise Leisure Services Dept.

Q5a. Estimated Number of Households in the City of Sunrise That Have a Need for Various Parks and Recreation Facilities

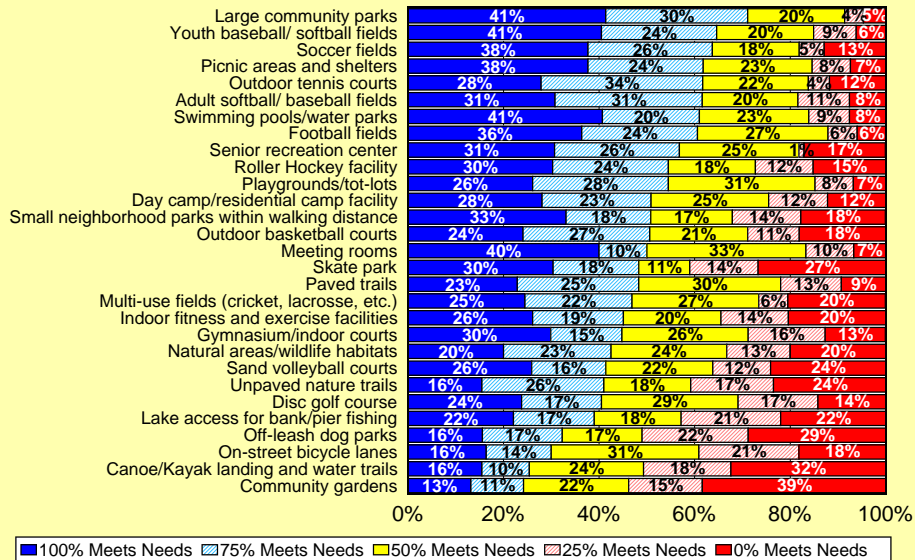
by number of households based on 33,504 households in the City of Sunrise



Source: Leisure Vision/ETC Institute (December 2009)

Q5b. How Well Parks and Recreation Facilities in the City of Sunrise Meet the Needs of Respondent Households

by percentage of respondent households that have a need for parks/facilities

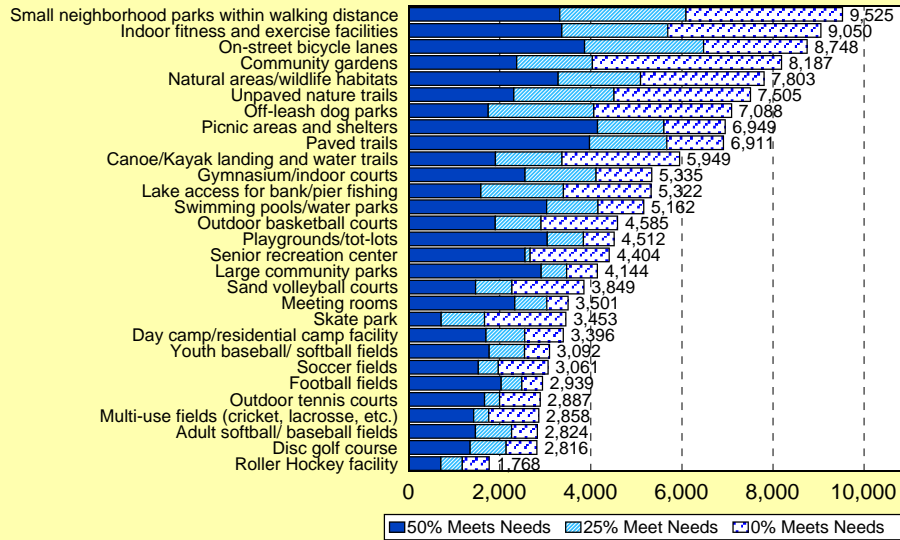


Source: Leisure Vision/ETC Institute (December 2009)

Community Attitude and Interest Survey for the City of Sunrise Leisure Services Dept.

Q5c. Estimated Number of Households in the City of Sunrise Whose Needs for Parks and Recreation Facilities Are Only Being 50% Met or Less

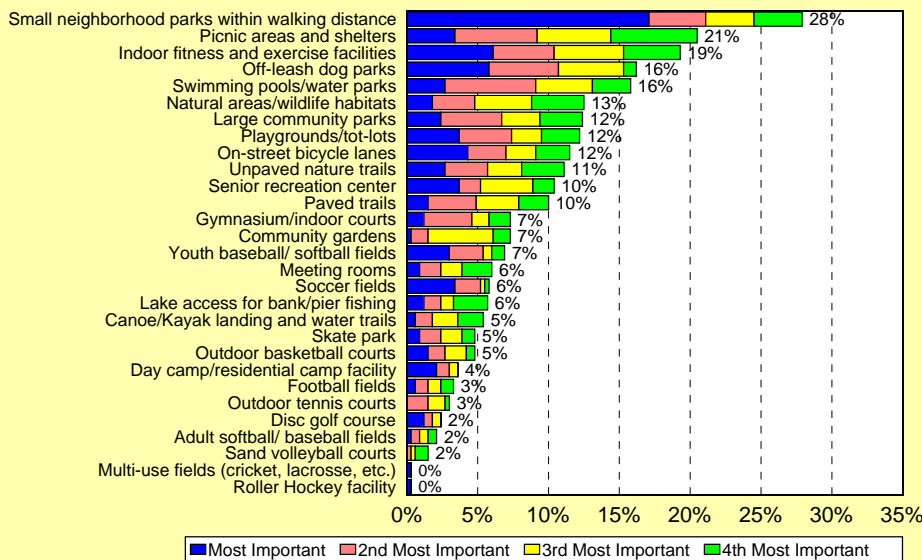
by number of households based on 33,504 households in the City of Sunrise



Source: Leisure Vision/ETC Institute (December 2009)

Q6. Parks and Recreation Facilities That Are Most Important to Respondent Households

by percentage of respondents who selected the item as one of their top four choices

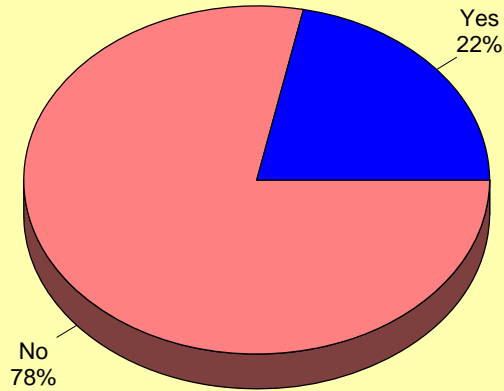


Source: Leisure Vision/ETC Institute (December 2009)

Community Attitude and Interest Survey for the City of Sunrise Leisure Services Dept.

Q7. Do You Currently Participate in Any Programs Offered by the City of Sunrise Leisure Services Department?

by percentage of respondents

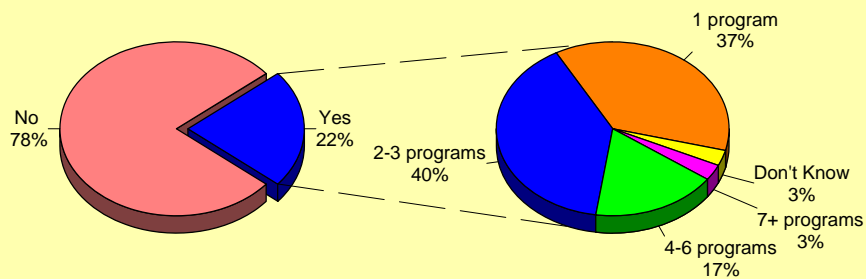


Source: Leisure Vision/ETC Institute (December 2009)

Q7. Do You Currently Participate in Any Programs Offered by the City of Sunrise Leisure Services Department?

by percentage of respondents

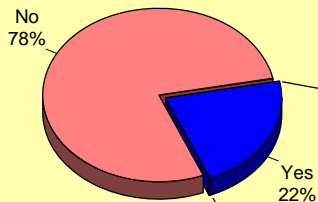
Q7a. Number of City Recreation Programs or Activities Participated in During the Past 12 Months



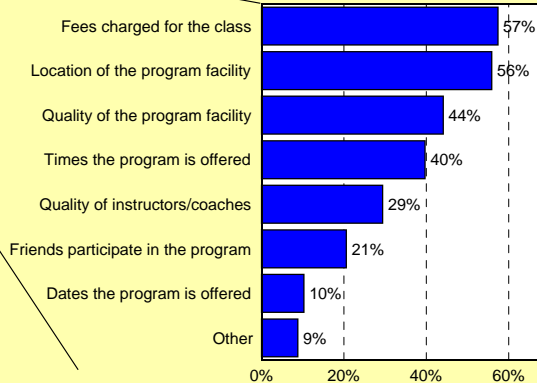
Source: Leisure Vision/ETC Institute (July 2009)

Q7. Do You Currently Participate in Any Programs Offered by the City of Sunrise Leisure Services Department?

by percentage of respondents



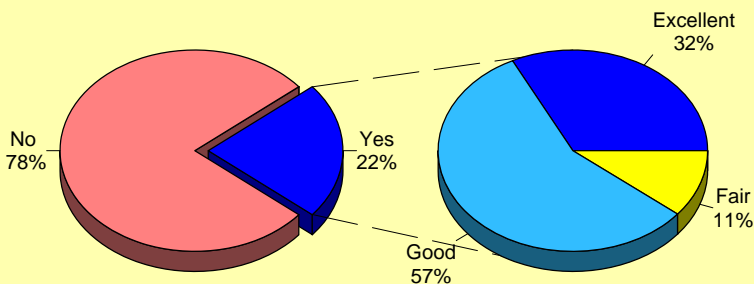
Q7b. Primary Reasons Households Participate in City Recreation Programs or Activities



Source: Leisure Vision/ETC Institute (July 2009)

Q7. Do You Currently Participate in Any Programs Offered by the City of Sunrise Leisure Services Department?

by percentage of respondents

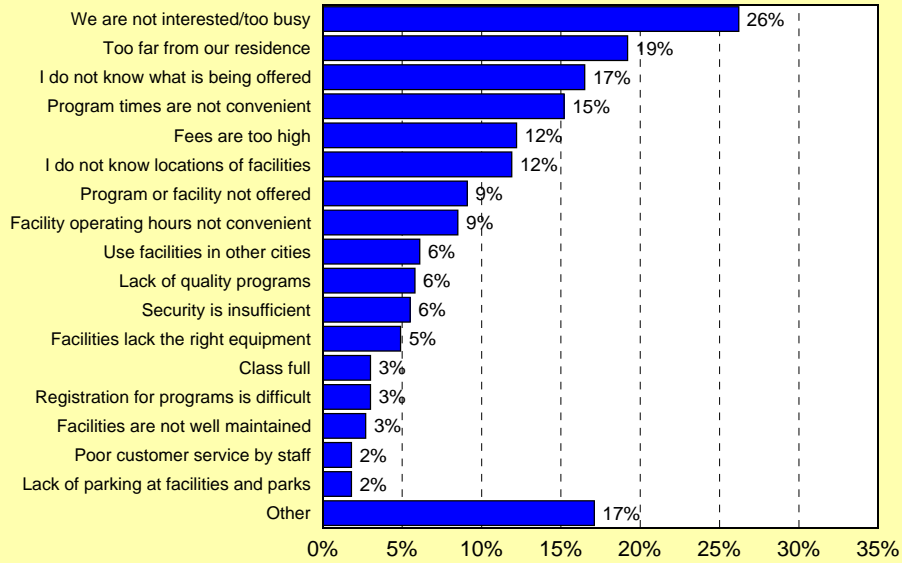


Source: Leisure Vision/ETC Institute (December 2009)

Community Attitude and Interest Survey for the City of Sunrise Leisure Services Dept.

Q8. Reasons Preventing Households From Using City Parks, Recreation Facilities or Programs More Often

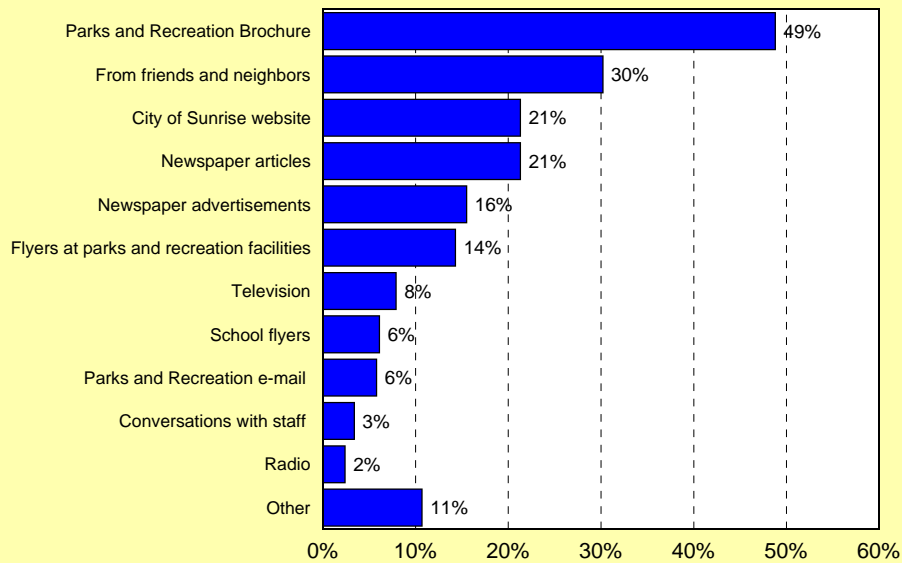
by percentage of respondents (multiple choices could be made)



Source: Leisure Vision/ETC Institute (December 2009)

Q9. Ways Respondents Learn About City of Sunrise Parks and Recreation Programs and Activities

by percentage of respondents (multiple choices could be made)

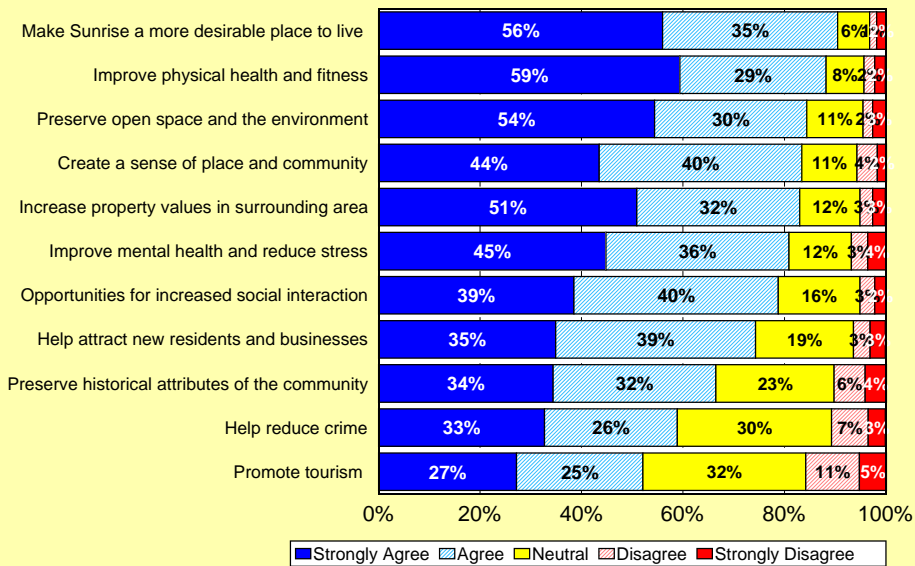


Source: Leisure Vision/ETC Institute (December 2009)

Community Attitude and Interest Survey for the City of Sunrise Leisure Services Dept.

Q10. Level of Agreement with Potential Benefits Being Provided by Parks, Trails and Recreation Facilities and Services

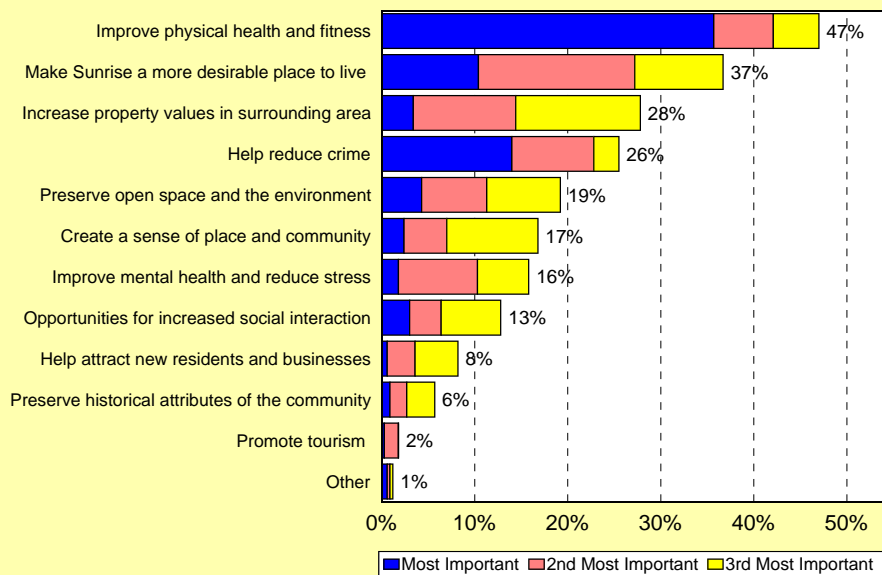
by percentage of respondents (excluding "don't know" responses)



Source: Leisure Vision/ETC Institute (December 2009)

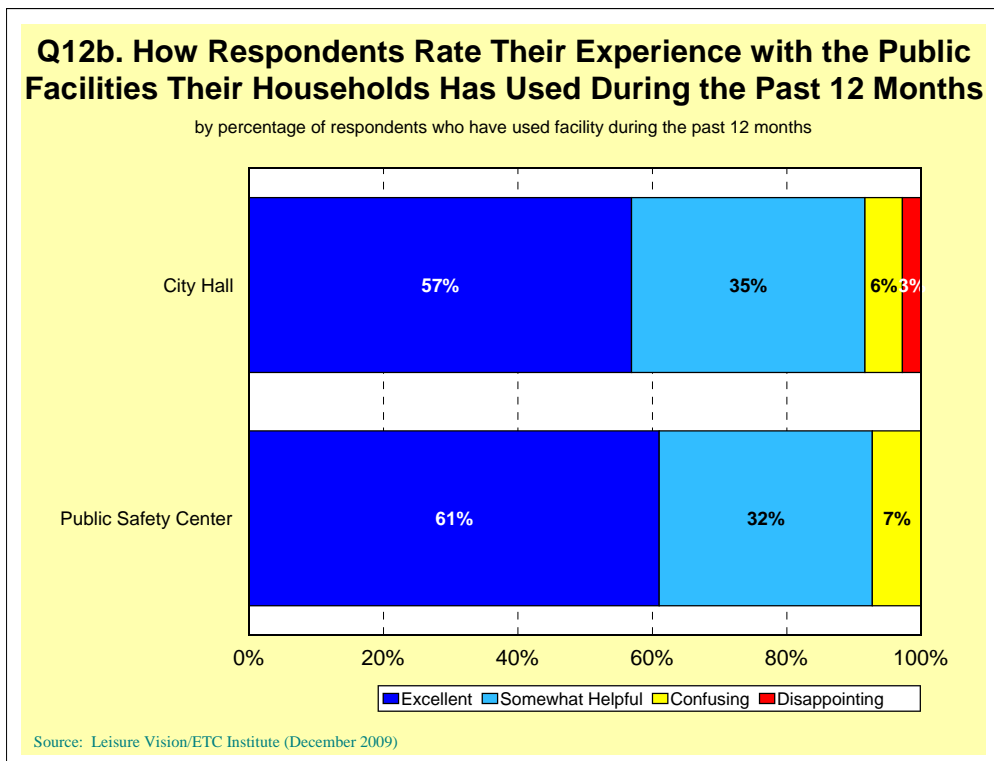
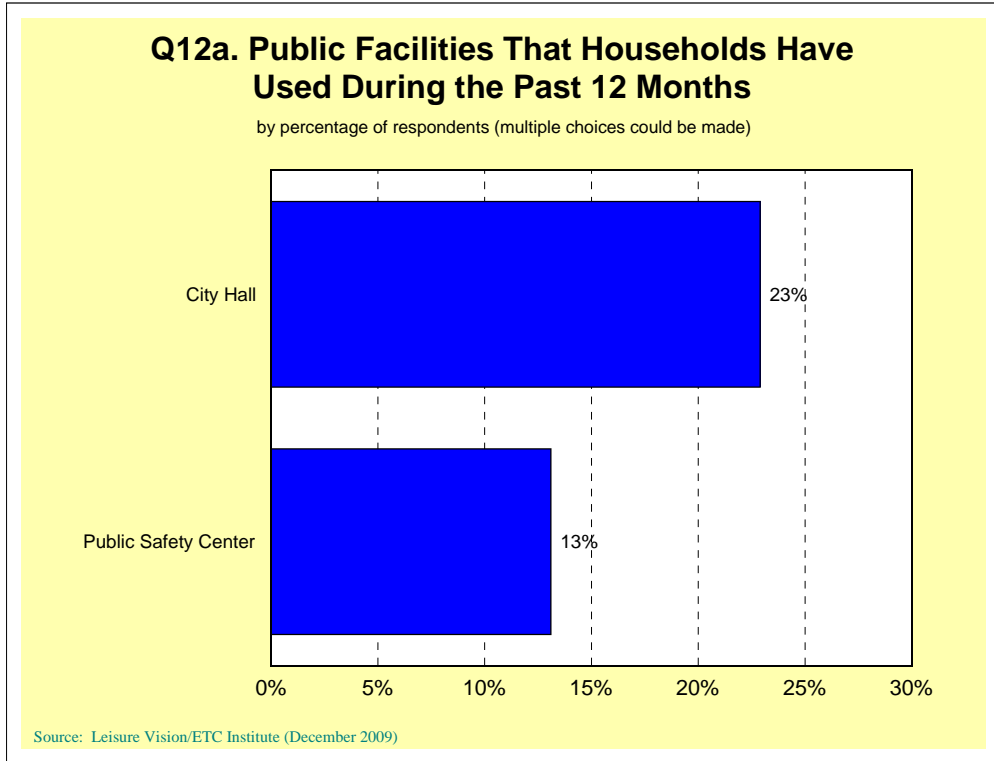
Q11. Benefits of Parks, Trails and Recreation Facilities and Services That Are Most Important to Respondent Households

by percentage of respondents who selected it as one of their top three choices



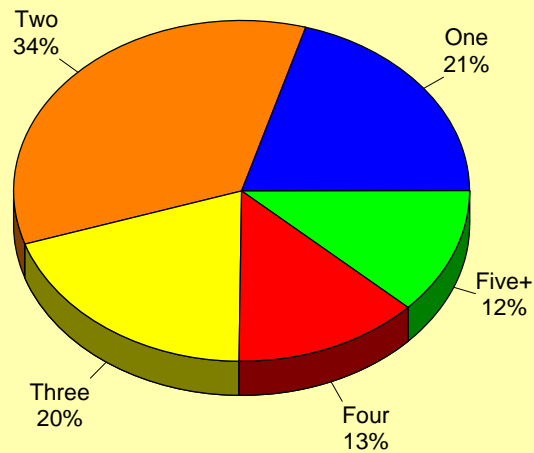
Source: Leisure Vision/ETC Institute (December 2009)

Community Attitude and Interest Survey for the City of Sunrise Leisure Services Dept.



Q13. Demographics: Number of People in Household

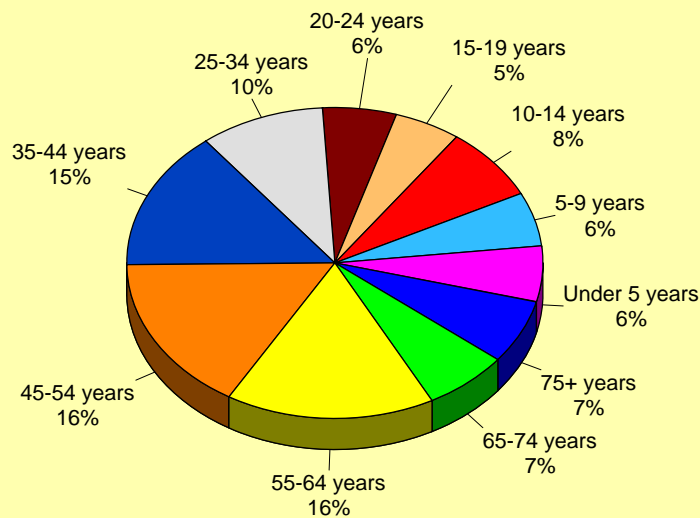
by percentage of respondents



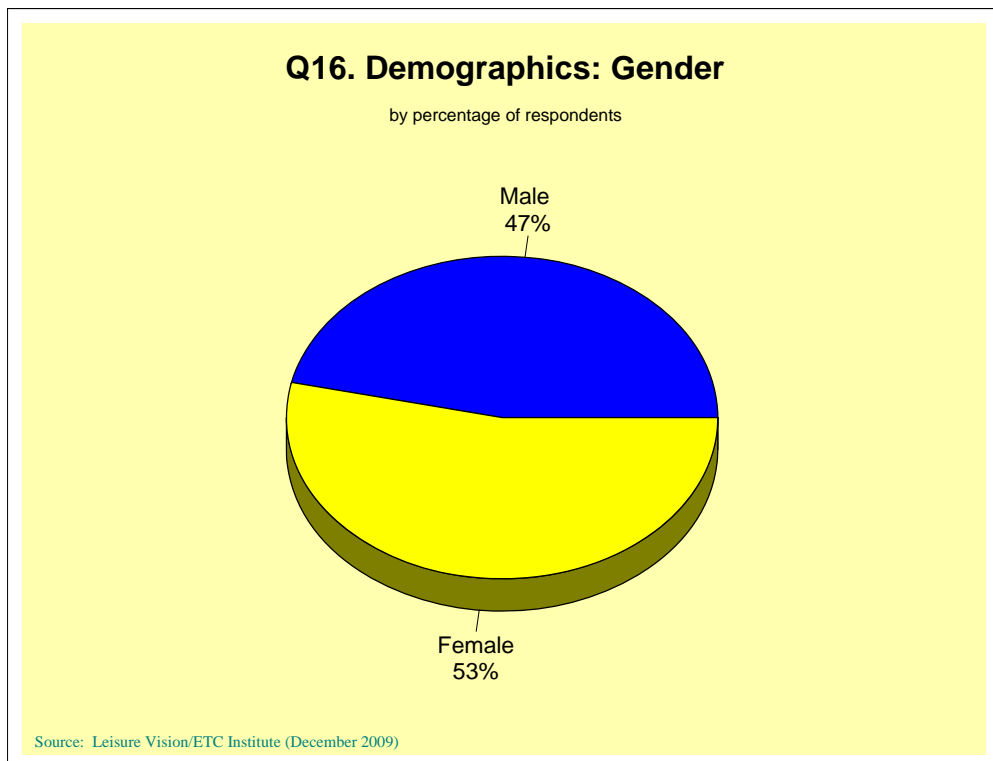
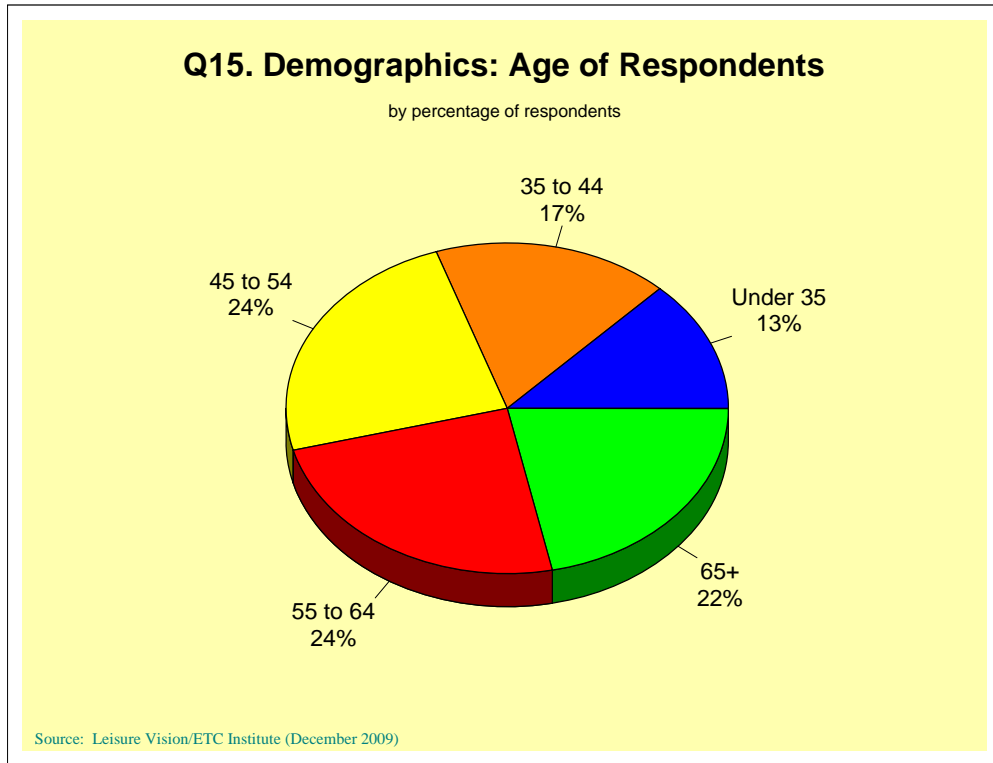
Source: Leisure Vision/ETC Institute (December 2009)

Q14. Demographics: Ages of People in Household

by percentage of household occupants

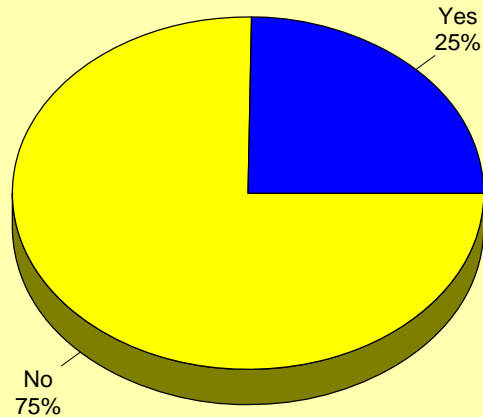


Source: Leisure Vision/ETC Institute (December 2009)



Q17. Demographics: Are You or Members of Your Household of Hispanic or Latin Ancestry?

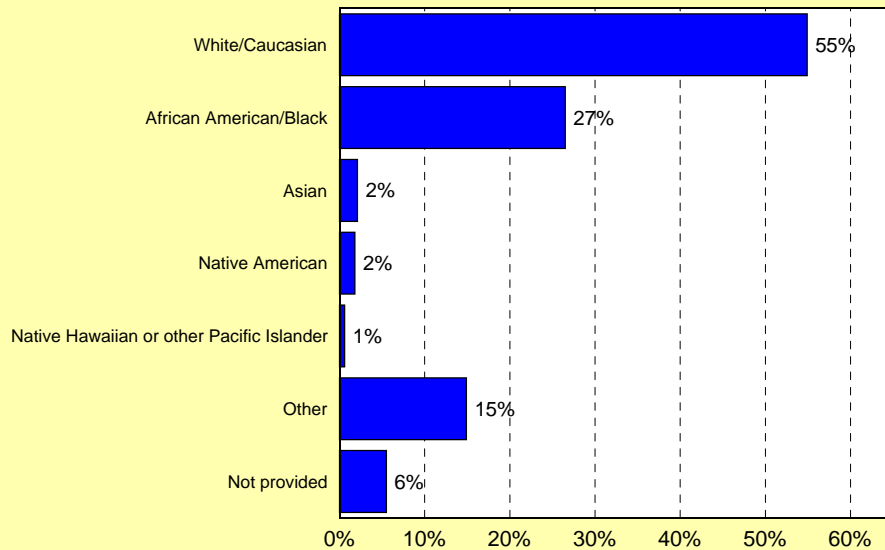
by percentage of respondents



Source: Leisure Vision/ETC Institute (September 2009)

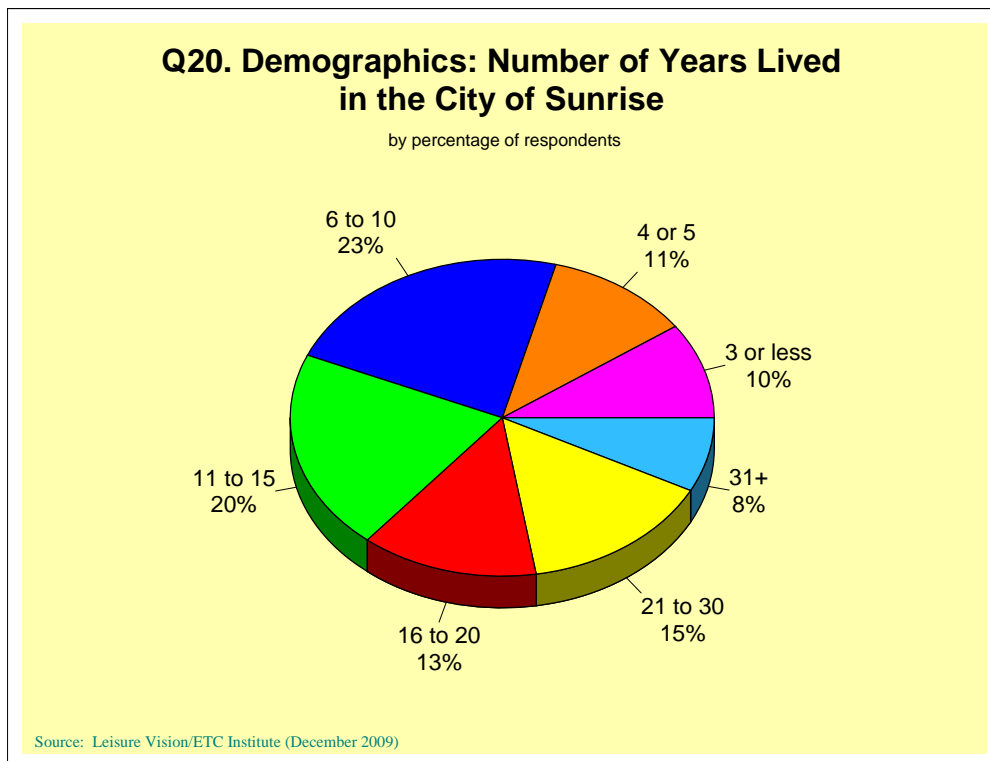
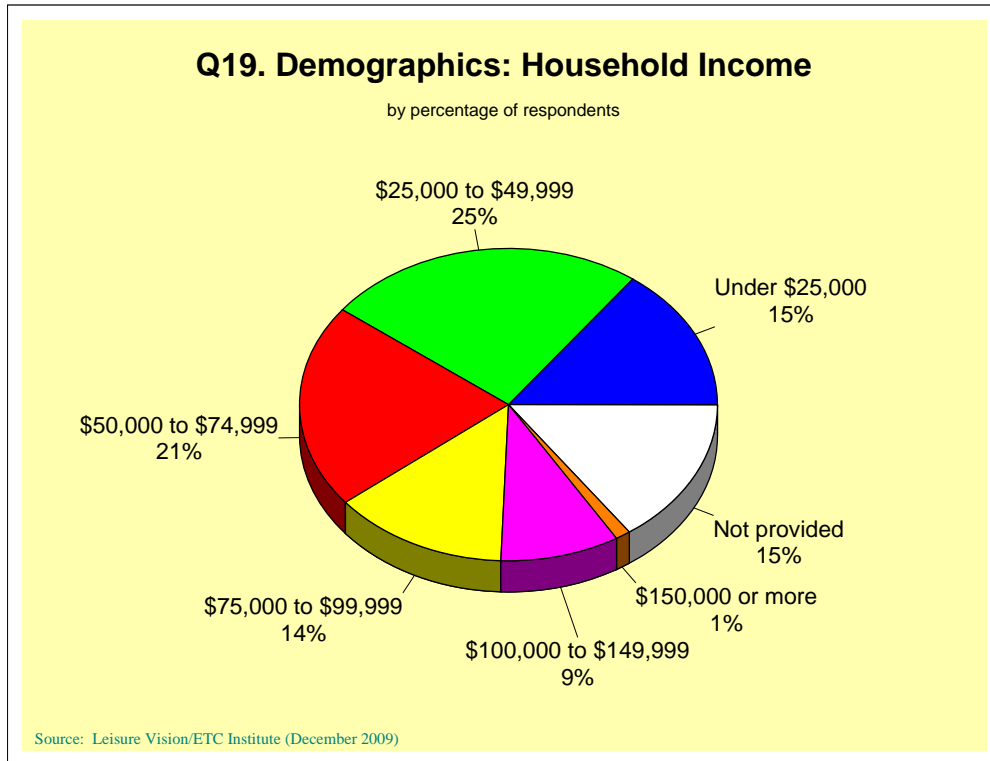
Q18. Demographics: Which of the Following Best Describes Your Race?

by percentage of respondents (multiple choices could be made)



Source: Leisure Vision/ETC Institute (September 2009)

Community Attitude and Interest Survey for the City of Sunrise Leisure Services Dept.





LEISURE SERVICES
Master Plan Proposals
Resident Comments @ Summer Camp Meet & Greet
June 14, 2012



Comments have been separated based on existing park locations referenced on the response cards. Comments related to proposed park locations and general comments have been listed in the "Miscellaneous Comments" section.

44th Street Park

- I would love the Park on 44th to finally be running. One is needed in the area.

Flamingo Park

- I think Flamingo Park should include a children's splash/water area. The space is huge but underutilized. It's rarely with people.

Nob Hill

- Renovate Nob Hill Soccer Park. Introduce a nice family park so we can stop going to Plantation's Volunteer Park – mini trail, basketball, tennis, playground/park and existing rental hall.
- Great idea for Nob Hill playground.
- We think it would be a great idea to have an open playground at Nob Hill Elementary. We lately had a lot [of] kids moving to this area and they have no playgrounds to go to nearby. Our daughter would love to have this in walking distance.

SAC

- So many soccer fields. Centralize at SAC.
- For SAC I think we should have cameras at SAC field and Dawson field. There have been break-ins at these parks.

Welleby Park

- Introduce a splash park or leave as a fishing park.
- Welleby expansion looks great.

Miscellaneous Comments

- Excellent ideas!!!
- Mini park/playground in random neighborhood locations.
- Market the City. Tired of hearing that Bank Atlantic Arena is located in "Fort Lauderdale" or Sawgrass Mills Mall is in "Sawgrass."
- Definitely like dog park ideas. We travel to Plantation now and would like a closer park in our City.
- I love the idea of having bikeway and trails!! Great!
- Provide Wi-Fi.
- Provide an area(s) where children of all ages can enjoy play areas (toddlers-teens).
- Activities can be water games, fishing, mini-golf.
- Seating areas where parents can relax/read while watching their children.
- Concession stands that can serve natural juices, smoothies/snacks.
- Excellent idea for the park off of Oakland and SR-869 for dogs.
- More water themes and water activities.
- Take down the birds' nests!
- The staff in the theatre camp are always so nice and remember to smile! Thank you for keeping such a great staff.



AECOM 561 684 3375 tel
 2090 Palm Beach Lakes Blvd 561 689 8531 fax
 Suite 600
 West Palm Beach, FL 33409
 www.aecom.com

Comment Sheet

Date/Time	June 6, 2012
Meeting Purpose	Leisure Services Master Plan: Community Feedback Workshop
Project Name	City of Sunrise Leisure Services Master Plan
AECOM Project No.	60222066

Name (Optional): H. Schulman Phone: 954-741-0593 Email:

Comments:

SPORTS

Current Parks are under utilized,
 Problem you have to belong to an organized
 Team which leases parks before citizens
 can use the Park as a team member.

* No Parks available for Kids to play after school
 Pickup games or sports. All require FEES.

NOTE: Please provide the City of Sunrise Leisure Services Department with your comments no later than one week after the date listed above for inclusion within the Master Planning Process.



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Comment Sheet

Date/Time	June 6, 2012
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Project Name	City of Sunrise Leisure Services Master Plan
AECOM Project No.	60222066

Name (Optional): _____ Phone: _____ e-mail: _____

Comments:

Is there any place in Sunrise Leisure Services that could be used for a Christian Coffee House? Maybe once a week.

Robin Reichel

singingrobin@bellsouth.net

NOTE: Please provide the City of Sunrise Leisure Services Department with your comments no later than one week after the date listed above for inclusion within the Master Planning Process.



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Comment Sheet

Date/Time	June 6, 2012
Meeting Purpose	Leisure Services Master Plan: Community Feedback Workshop
Project Name	City of Sunrise Leisure Services Master Plan
AECOM Project No.	60222066

Name (Optional): Ann Marie Dion Phone: 954 661-4345 e-mail: annmarie.dion@yahoo.com

Comments:

① I would like to see the use of city tram to transport residents to parks & city facilities within Sunrise. Should be low cost

NOTE: Please provide the City of Sunrise Leisure Services Department with your comments no later than one week after the date listed above for inclusion within the Master Planning Process.



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Comment Sheet

Date/Time	June 6, 2012
Meeting Purpose	Leisure Services Master Plan: Community Feedback Workshop
Project Name	City of Sunrise Leisure Services Master Plan
AECOM Project No.	60222066

Name (Optional): S. Gaxlesi Phone: 954-742-9611 e-mail: GAST359@bellsouth.net

Comments:

How will parks accomodate needs and limitations of older citizens?

NOTE: Please provide the City of Sunrise Leisure Services Department with your comments no later than one week after the date listed above for inclusion within the Master Planning Process.



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Sign-in Sheet

Date/Time	June 6, 2012
Meeting Purpose	Leisure Services Master Plan: Community Feedback Workshop
Project Name	City of Sunrise Leisure Services Master Plan
AECOM Project No.	60222066

Name	Organization/ Department	Phone	e-mail
John Doe	AECOM	000 000 0000	john.doe@aecom.com

SAUDRA Filla	CSRA	954 741 4649 954 741 4649	Sandra.filla@csra.com
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would like to see playground at welleby park enlarged,
 or build another children's park that is larger and
 better equipped in the same area. Could we use one
 of the passive parks?



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Comment Sheet

Date/Time	June 6, 2012
Meeting Purpose	Leisure Services Master Plan: Community Feedback Workshop
Project Name	City of Sunrise Leisure Services Master Plan
AECOM Project No.	60222066

Name (Optional): HERMAN RIVERA Phone: 954-325-7293 e-mail: HDAVIDRIVERA@GMAIL.COM

Comments:

Great plans!

NOTE: Please provide the City of Sunrise Leisure Services Department with your comments no later than one week after the date listed above for inclusion within the Master Planning Process.



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 West Palm Beach, FL 33409
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561 684 3375 tel
 561 689 8531 fax

Comment Sheet

Date/Time	June 6, 2012
Meeting Purpose	Leisure Services Master Plan: Community Feedback Workshop
Project Name	City of Sunrise Leisure Services Master Plan
AECOM Project No.	60222066

Name (Optional) Sara Huther Phone: 954-394-7493 e-mail: shuther@chsfla.com

Comments:

I really appreciate the City of Sunrise Parks and Recreation Dept. attending tonight. I learned a lot about our needs as a city and the possibilities for our future. I thought the speaker was focused and described future parks to us. I really like the idea of kite, model boats and bike rentals! I hope the city follows through. Thank you. Sara

NOTE: Please provide the City of Sunrise Leisure Services Department with your comments no later than one week after the date listed above for inclusion within the Master Planning Process.



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Comment Sheet

Date/Time	June 6, 2012
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Project Name	City of Sunrise Leisure Services Master Plan
AECOM Project No.	60222066

Name (Optional): _____ Phone: _____ e-mail: _____

Comments:

Very good workshop. take into some of the parks. some chess / tic tac toe table to play as a passive time.

NOTE: Please provide the City of Sunrise Leisure Services Department with your comments no later than one week after the date listed above for inclusion within the Master Planning Process.



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Sign-in Sheet

Date/Time	June 6, 2012
Meeting Purpose	Leisure Services Master Plan: Community Feedback Workshop
Project Name	City of Sunrise Leisure Services Master Plan
AECOM Project No.	60222066

Name	Organization/ Department	Phone	e-mail
John Doe	AECOM	000 000 0000	john.doe@aecom.com
<i>Laura Richman</i>		<i>954-742-7664</i>	

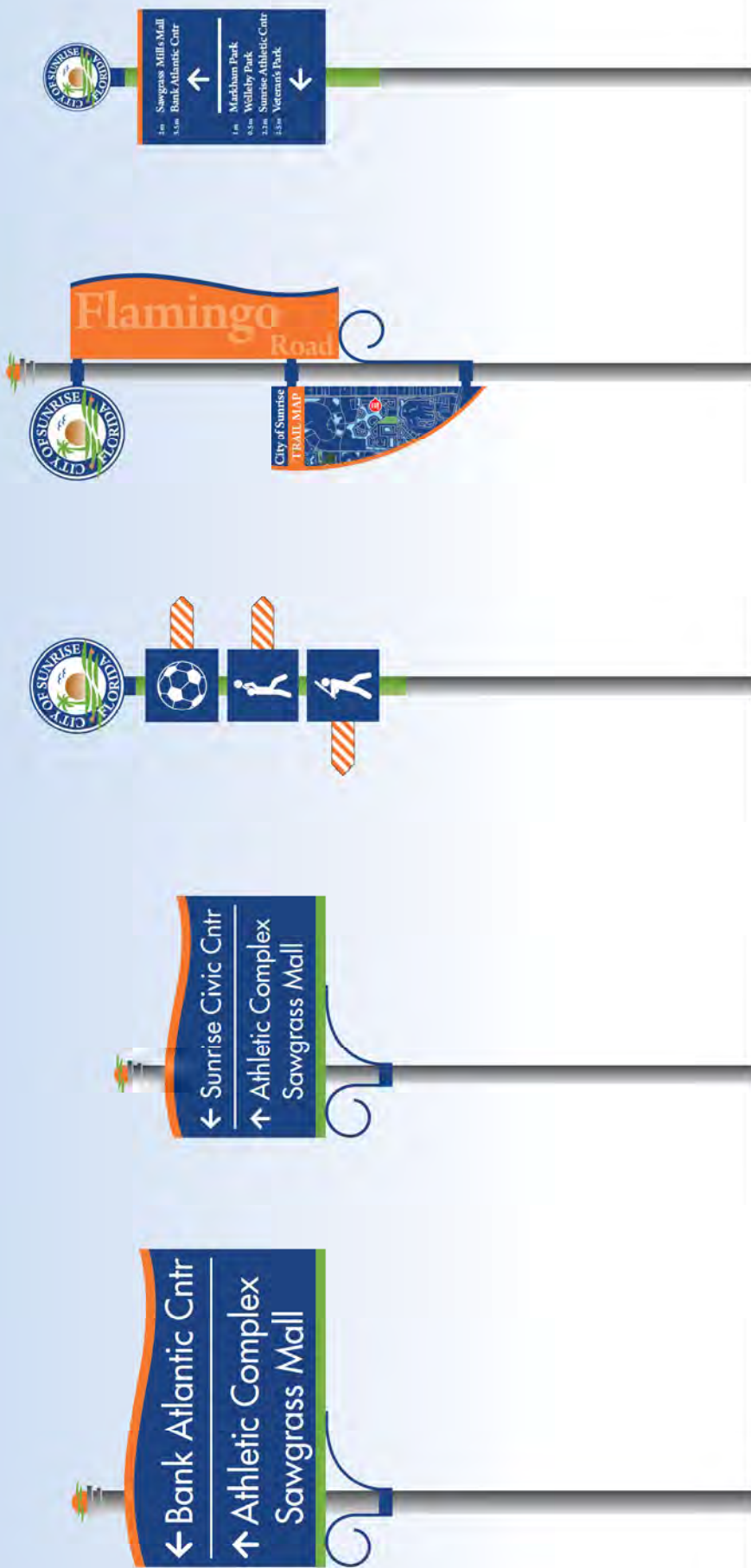
More small dog parks.



City of Sunrise
Design Intent Documents *for* Wayfinding

April 4, 2012

City of Sunrise Sign Palette
January 2012



A FDOT Vehicular Directional
B City Vehicular Directional
C Pedestrian Park Directional
D Trail Park Identification
E Pedestrian Directional

City of Sunrise Sign Palette
January 20112



F
Large Interpretive Sign



G
Large Interpretive Sign



H
Park Rules Sign



I
Mile Marker



J
Park Entry Feature

AECOM	
Specifications Page Subtitle	
60222066 City of Sunrise Wayfinding	
<p>Note: Drawing scale shown on plans is accurate for full size plans only. AECOM is not responsible for scale discrepancies caused by reduced or enlarged site plans.</p>	
<p>Description: Specifications and Requirements for Fabricator</p>	
<p>Original Issue Date: 2012/04/04</p>	
<p>Revision:</p>	
<p>These drawings express visual design intent only. Final engineering materials, and fabrication shall remain the responsibility of the fabricator.</p>	
<p>The content of this document is subject to the design intent requirements outlined in the Specifications.</p>	
Contact:	AECOM Wayfinding Studio 150 N Orange Avenue Orlando, FL 32801 407.643.6652
Project Team:	JMM SPC SLM
Drawn by:	SPC

- E. Shop drawings including structural design and wind-load calculations for all signs and foundations mounted and/or suspended signage to confirm structural integrity of the designed support connection. All structural connections will require certification by an licensed structural engineer.
- F. Required samples for review: First article mock-ups/samples of entire sign types of ALL sign types indicated in the design intent drawing set.
- G. Full 300mm x 300mm set of all specified paint colors and finishes.
- H. Complete, full-size message in each typeface to demonstrate proper spacing (black text on white background outline not accepted).
- I. Each type of metal used for major elements of work with respective finish.
- J. Each type of adhesive vinyl film, including computer-cut designs, shown full-size on each of the specified ground colors.
- K. Mock-ups as scheduled in this section. Approved mock-ups can be used as part of the completed work.
- L. Project schedule
- M. Supplementary Product Literature. Submit for information. Furnish within seven (7) days of request, manufacturer's literature describing the general properties of each product to be used in the Work.
- 23 QUALITY ASSURANCE
- A. Provide a mock-up (partial for large signs complete for smaller signs) of each sign type requested at the fabrication facility for review. The requested Sign types are shown on the drawings. Refer to the drawings for further information. Mock-ups once approved may be used towards final install count.
- B. Utilize the same materials and installation methods in the mock-up as intended for the final Work. Schedule the installation so that the mock-up may be examined, and any necessary adjustments made, prior to commencing fabrication of the final Work. Replace unsatisfactory items as directed.

- A. The graphics and drawings represent the design intent for the signs required for the Project. The Sign Fabricator is responsible for the proper engineering of all elements of the Work and where applicable, to include a set of wet stamped, signed engineering calculations by a licensed Structural Engineer from the project's state. The internal structure, dimensions, and specifications for all items shall be indicated in the shop drawings.
- B. Description: Provide shop drawings for all items including, but not limited to the following: Complete fabrication and installation drawings for each sign type. Indicate dimensions, materials, finishes, fastening, anchorage, joining, sealing, backing, utility requirements, rough-in, and adjacent related site conditions. Fabricator is responsible to document final connections for all power and data cabling.
- 22 SUBMITTALS
- Procedure: Prepare submittals in accordance with the requirements of the Special Conditions, and to include the following:
- A. Notes on Drawings shall clearly define any actions requiring review by the Owner or owner's representative.
- B. First article of production-run items, both large and small, will be reviewed by the Owner or owner's representative before production run is commenced.
- C. It shall be the responsibility of the Contractor to schedule all review meetings with the Owner or owner's representative.
- D. Submit physical samples of sufficient size and quantity to illustrate materials, finishes, equipment or workmanship, and to establish standards by which completed work will be judged. Samples must represent the functional characteristics of the product or material, with integrally related parts and attachment devices, colors, and finishes

- F. Coordination and verification of all messages with Owner, Architect/ Designer will provide complete set of sign location plans with sample numbering system and electronic message schedule template for fabricator to complete sign message schedule for submission and approval by the Owner.
- G. Verification of all conditions and sign dimensions in the field. Sign Fabricator to coordinate all signage requirements with the architectural, structural, lighting, electrical, and telecommunications drawings to ensure that all proposed signs can be installed, with power and required data connections and structurally supported. Verification of conditions and sign dimensions to be completed prior to sign fabrication and approval of all required submittals
- 2 REQUIREMENTS
- Details on Drawings indicate a design approach for sign fabrication but do not include all fabricating details required for the complete structural integrity of the signs, including consideration for static, dynamic, and erection loads during handling, erecting, and service at the installed locations. Therefore, it shall be the responsibility of the Fabricator to perform the complete structural design of the signs and to incorporate all the reasonable safety factors necessary to protect the Owner and their representatives against public liability. Contractor will submit engineered "shop drawings" to the client's representative for review and approval by the Owner. Signs must meet all applicable local codes, as well as testing laboratory listings where required
- 21 SHOP DRAWINGS
- The Drawings presented for bid are not fabrication drawings. The Signage Contractor is expected to provide all details necessary to effectively explain and specify the fabrication process and the expected performance of the installed product. The Signage Contractor must demonstrate through details and specifications their complete understanding of the desired final product and the method/process by which they are producing said product. The Signage Contractor is responsible to field measure and verify with architectural drawings prior to submitting Shop Drawings. Repackaging the supplied Drawings with new title blocks and delivering them as submittals will not be accepted. Although

- 1 INTRODUCTION AND PROJECT DESCRIPTION
- 10 INCLUSIONS
- This work shall include all labor, materials and equipment necessary for the proper execution and completion of said work, as shown on the plans and as herein specified. It shall also include all work not specifically included in the Design Intent Documents which is properly inferable and necessary for the completion of this work.
- 11 RELATED DOCUMENTS
- A. Drawings and general provisions of the Contract, including Special Conditions, apply to this Section.
- 12 SUMMARY OF WORK INCLUDED
- A. Sign Fabrication: Types of signs, messages, and graphics are indicated on the Drawings and herein, and require various materials, finishes, illumination and fabrication and installation techniques.
- B. Submit shop drawings, layouts, samples, and mock-ups for Owner approval.
- C. Structural design and wind-load calculations for all signs and foundations mounted and/or suspended signage to confirm structural integrity of the designed support connection. All structural connections will require certification by an Engineer licensed in project state. The drawings are diagrammatic and indicate the aesthetic of "design intent" only. Details shown are intended as a guide for the interfacing of adjacent surfaces.
- D. Installation of all fabricated signs, including all fasteners and fastenings and related electrical and data connections.
- E. Coordination with all traces of this Contract required for the fabrication and installation of the signage, including the approvals by the Owner required in this Section. Fabrication and installation of the Work shall be done in accordance with municipal code requirements.

AECOM
Specifications Page Subtitle 60222066 City of Sunrise Wayfinding
Note: Drawing scale shown on plans is accurate for full size plans only. AECOM is not responsible for scale discrepancies caused by reduced or enlarged site plans.
Description: Specifications and Requirements for Fabrication
Original Issue Date: 2012/04/04
Revision: These drawings express visual design intent only. Final engineering materials, and fabrication shall remain the responsibility of the fabricator.
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Contact: AECOM Wayfinding Studio 150 N Orange Avenue Orlando, FL 32801 407.643.6652
Project Team: JMM SPC SLM
Drawn by: SPC

C. Furnish complete manuals describing the materials devices and procedures to be followed in operating, cleaning and maintaining the work. Include manufacturers' brochures and parts lists describing the actual materials used in the work, including metal alloys, finishes, electrical components and other major components.

D. Assemble manuals for component parts into single binders identified for each system.

2.7 FABRICATION

A. Signage shall be complete for proper installation as described in the drawings.

B. Finish work shall be firm, well anchored, in true alignment, properly squared, with smooth clean uniform appearance, without holes, cracks, discoloration, distortion, stains, or marks.

C. Construct all work to eliminate burrs, dents, cutting edges, and sharp corners.

D. Finish welds on exposed surfaces to be imperceptible in the finished work.

E. Except as indicated or directed otherwise, finish all surfaces smooth.

F. Surfaces, which are intended to be flat, shall be without dents, bulges, oil caming, caps, or other physical deformities.

G. Surfaces, which are intended to be curved, shall be smoothly free-flowing to required shapes.

H. Except where approved otherwise by Owner, conceal all fasteners.

I. Make access panels tight-fitting, light proof, and flush with adjacent surfaces.

J. Conceal all identification labels.

K. Carefully follow manufacturer's recommended fabricating procedures regarding expansion or contraction, fastening, and restraining of acrylic plastic.

L. Exercise care to ensure that painted, polished, and plated surfaces are unblemished in the finished work.

M. Isolate dissimilar materials. Exercise particular care to isolate nonferrous metals from ferrous metals.

2.4 GRAPHICS/ARTWORK
 Owner or owner's representative to provide contractor artwork on CD-Rom, DVD or via electronic file transfer. Adobe Illustrator 11.0 for graphic layouts included in the drawings

2.5 WARRANTY

Submit to the Owner's Representative a 1-year written warranty (effective the date of final acceptance) covering all signs contractor will agree to repair or replace defective signs. Upon notification of such defective signs within the warranty period, make necessary repairs or replacement at the convenience of the Owner's Representative.

Paint Finish Warranty
 Submit to the Owner's Representative a 1 year written warranty, warranting that the factory-applied finishes will not develop excessive fading or excessive non uniformity of color or shade, and will not crack, peel, pit, corrode or otherwise fail as a result of defects in materials or workmanship within the following defined limits. Upon notification of such defects within the warranty period, make necessary repairs or replacement at the convenience of the owner's representative.

Definitions:

Excessive Fading - A change in appearance which is perceptible and objectionable as determined when visually compared with the original color range standards

Excessive Non-Uniformity - Non-uniform fading to the extent that adjacent panels have a color difference greater than the original acceptable range of color

Will Not Pit or Otherwise Corrode - No pitting or other type of corrosion, discernible from a distance of 3m, resulting from the natural elements in the atmosphere at the project site.

2.6 MAINTENANCE

A. Contractor shall prepare a Maintenance and Operating Manual comprised of cleaning and operations needs for each sign type. This shall include information on repair due to common vandalism, changing of messages and parts replacement needs.

B. Submit four (4) copies of Maintenance and Operating Manuals to the Owner's Representative and 1 digital copy.

B. Vinyl Die Cut Graphics: All camera-ready artwork shall be scanned for cutting on a Gerber Sign Maker II or approved equal

C. All cutting and routing shall be executed in such a manner that all edges and corners of finished letterforms are true and clean. Letterforms with rounded positive or negative corners, nicked, cut, or ragged edges, etc., will not be accepted. All letterforms shall be so aligned as to maintain a baseline parallel to the sign format. Margins must be maintained as specified in drawings.

D. All Work under the Agreement shall be performed by skilled craftsmen under supervision of trained foremen, experienced in the trade of craft required to accomplish the Work and produce a product of high quality.

E. All letters specified as vinyl and or painted finish shall be produced as indicated in the bid documents and substitutions will not be accepted without owners or owner's representative approval.

High Quality of Workmanship:

A. The Contractor shall be responsible for the high quality of all materials and workmanship required for the execution of the project including materials and workmanship of any firm or individual who act as Signage Contractor's Sub-Contractor.

B. Signage Contractor shall be responsible for providing up-to-date drawings, specifications, graphic schedule, etc., to all sub-contractors

Dimensions

A. Written dimensions on drawings shall have precedence over scaled dimensions.

B. Signage Contractor shall verify and be responsible for all dimensions and conditions shown by these drawings. Shop details must be approved by the Owner's Representative prior to fabrication.

Discrepancies
 Signage Contractor shall notify the Owner's Representative of any discrepancies in the Drawings, Sign Location Plan or Sign Message Schedule, in field dimensions or conditions and/or changes required in construction details.

C. When accepted, mock-up shall serve as the standard for materials, workmanship, and appearance for the work throughout the project.

Work-in-Progress Approvals:

Provide work-in-progress sign elements reviews. Scheduled or unscheduled viewings at the Fabrication Facility may be initiated by the Owner's Representative as deemed necessary to ensure continued quality control and make any adjustments required during fabrication. Unsatisfactory items are to be corrected by the Signage Contractor as directed by the Owner or owner's representative.

Regulatory Requirements:

Comply with applicable requirements of the Applicable Laws and Authorities. Obtain necessary approvals and permits from all such Authorities as required.

Markings and Labels

A. Locate markings, labels, manufacturer names and other identifications so as to be concealed from public view and as acceptable by the Owner's Representative.

B. No trade name or other identification shall appear on any item where it will be seen by the public except as specifically approved by the Owner's Representative in advance.

Final Location of Signs:

A. The location of signs as shown on the Location Plans is for general reference only and in some cases is not representative of the exact final location. Final locations of Signs shall be field located in coordination with the Owner's Representative.

B. Signage Contractor shall arrange for meetings at the Project to accommodate direction of final locations according to Project Construction Schedule.

Lettering:

A. The contractor shall be responsible for the quality control of all lettering. All letterforms shall be crisp, sharp, free of nicks, ragged edges and discontinuous curves. All lettering shall conform to approved typeface, weight and letter spacing. No substitutions of typeface foundry, brand or version or implementation technique will be accepted without prior approval.

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<p>Original Issue Date: 2012/04/04</p>	<p>Revision:</p>
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<p>Contact</p>	<p>AECOM Wayfinding Studio 150 N Orange Avenue Orlando, FL 32801 407.643.6652</p>
<p>Project Team:</p>	<p>JMM SPC SLM</p>
<p>Drawn by:</p>	<p>SPC</p>

and Owner's Representative for field coordination. Contractor shall meet with the Architect to review all requirements.

29 ELECTRICAL COMPONENTS
Electrical components must conform to applicable electrical codes and the following:

- A. All materials must be approved and listed by Underwriters Laboratories, Inc.
- B. Light Emitting Diode (LED) general lighting requirements:
 1. Provide sufficient LED wattage, quantities and spacing to ensure continuous, maximum illumination.
 2. Provide LED lighting prototypes to verify brightness and uniformity of lighting with designer.

Electrical Wiring and Equipment

- A. Provide and install electrical materials such as ballasts, transformers, lamps, sockets, neon units, connectors, and all other equipment which shall be new and shall be approved by Underwriters Laboratories, Inc. The assembly of all components within the illuminated signs shall conform to all standards of Underwriters Laboratories, Inc. as published in the latest edition of "Standards for Sign Safety" and all illuminated signs shall bear the U.L. label. All wiring and equipment shall be concealed within the Sign structure.
- B. Conduit and Devices: Provide Rigid steel conduit, junction boxes and associated devices in accordance with applicable codes as required.
- C. Wiring: Minimum #12 AWG copper shall be used. High tension wiring shall not be less than GTO 15 wire as manufactured by Carol Cable Company or approved equal. All wiring shall be AWG 90 0 centigrade 1000 volt TWMTW U.L. file no. 18971. Wiring connectors for wire splicing shall be U.L. approved 1000 volt capacity and shall be Scotch Lock type Y or R or equal. All splices should be easily accessible for inspection and should be shown on Shop Drawings.
- D. Ballasts shall be used as required for internally illuminated cabinet signs, in quantity and arrangement as recommended by ballast manufacturer and accessible for maintenance and shown on Shop Drawings.

- L. All exposed fasteners to be 3mm (0.125 inch) tamper proof stainless steel screws painted to match adjoining surfaces unless otherwise specified on drawings
- M. Pin-mount supports shall be painted threaded rods as appropriate
- N. Insulation /Material Isolation: Separate all ferrous and non-ferrous metals with non-conductive gaskets to prevent electrolysis. In addition to gaskets, provide stainless steel fasteners for some cases as required.
- O. Applied interior vinyl graphics to be High Performance Cast Vinyl Sheeting, unless otherwise specified on Drawings. Applied exterior vinyl graphics shall be High Performance Reflective Vinyl Sheeting, unless otherwise specified on Drawings
- P. Dissimilar Materials: Where metal surfaces will be in contact with dissimilar materials, coat the surfaces with epoxy paint or plate with zinc chromate, or provide other means of dielectric separation as recommended by manufacturer to prevent galvanic corrosion (i.e. Neoprene gasket as an isolation membrane)
- Q. Castings Exposed surfaces shall be uniformly free from porosity and roughness. Edges shall be filled and ground smooth. Faces shall be chemically etched and mechanically polished for specified finish.
- R. Galvanizing: Provide for steel components in exterior construction, and where noted in Drawings shall be galvanized. Complete the shop fabrication prior to application of the zinc coating. Remove mill scale and rust, clean and pickle the units as required for proper pretreatment of the surfaces.
- S. Hardware: Provide all incidental hardware necessary for the proper functioning of signs. External hardware shall conform to the external appearance of the sign
- T. Supports and Backing in Walls
Contractor shall provide engineered sign supports anchored to building structure where required and to meet requirements of applicable building codes. Support or backing requiring installation within the building wall construction shall be immediately relayed to the Architect of Record

- F. Adhesive used for installing signs shall be manufactured by Dow Corning or equal. Polyfoam or Isotac contact adhesive tape manufactured by 3M shall be used in conjunction with silicone adhesives for installation of wall signs, in minimum thicknesses available.
- G. Concrete installation of anchoring devices into concrete slab shall be adjusted to avoid penetrating existing reinforcing conduit, etc. contained in the concrete slab. Coordinate with the Project Architect and Structural Engineer.
- H. Stainless steel shall be suitable for ornamental and architectural work. Surface finish shall be smooth, free of all extrusion marks or imperfections. Alloy shall be selected to meet the structural requirements of specific application. Structural metal for concealed framing shall be of galvanized rolled steel or equal as required to satisfy structural requirements.
- I. Acrylic intended for non-illuminated use shall be 6mm (0.25 inch) cast acrylic sheet with non-glare finish, unless otherwise specified on Drawings. Acrylic intended for edge-illuminated use shall be 10mm extruded acrylic sheet with embedded diffuser particles designed specifically for edge-lighting, unless otherwise specified on Drawings.
- J. Use Plexiglas II as manufactured by Rohm and Haas Co. or equal quality. Thickness shall be as indicated on Drawings or not less than 3mm (0.125 inch) thick. Signage Contractor shall provide color and finish samples of all plastics for approval before fabrication; no substitution in color, thickness, or finish of plastics will be accepted without written approval from the Owner's Representative. All plastics shall be of uniform color, translucence and illumination, as supplied by manufacturer. Any exposed edges of acrylic shall be finished so as no saw marks are visible.
- K. Bolts, nuts, screws, washers, anchors and other devices required to complete the work. Signage Contractor shall use the same basic metal or alloy as the metal fastened, and finish matching in color and texture. Use stainless steel 300 series alloy where used to join dissimilar materials.

28 MATERIALS

- A. Aluminum shall be suitable for ornamental, architectural work. Surface finish shall be smooth, free of extrusion marks or imperfections. Alloy shall be selected to meet the structural requirements of the specific application.
- B. Stainless steel shall be suitable for ornamental and architectural work. Surface finish shall be smooth, free of all extrusion marks or imperfections. Alloy shall be selected to meet the structural requirements of specific application. Structural metal for concealed framing shall be of galvanized rolled steel or equal as required to satisfy structural requirements.
- C. Aluminum exterior cabinets, spacers, back plates and frames shall be constructed from 6mm (25 inch) aluminum, #4 horizontal brushed and clear anodized finishes, unless otherwise specified on Drawings.
- D. Aluminum interior plaques shall be constructed from 3mm (0.125 inch) aluminum, #4 horizontal brushed finish with semi-gloss linear polyurethane clear coat, unless otherwise specified on Drawings.
- E. Aluminum interior fabricated components shall be constructed from 3mm (0.125 inch) thickness aluminum sheet unless otherwise indicated.

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or sealant in accordance with product manufacturer's recommendations. Grind exposed welds and rough areas to make flush with adjacent smooth surfaces.

E. Welding: Make welds continuous.

F. Fasteners: Use exposed fasteners only if shown on the Bid Documents. Perform drilling and tapping at shop.

G. Contractor shall confirm soils are compatible with foundation engineering requirements for compaction.

H. Contractor shall be responsible for verification of any adjacent utility conflicts that might be disrupted or impacted by installation of foundations or installation of sign elements.

2.12 GRAPHIC APPLICATION

A. Preparation: Surfaces to receive the graphic markings shall be clean, dry and otherwise made ready for application of the materials. Accurately measure and lay out the required marking configurations as indicated on drawings.

B. Vinyl Die-cut and Pattern-cut Graphics: Use pressure sensitive, non-yellowing, non-peeling and weather resistant vinyl adhesive letters or images, custom flood coated as required, die cut from specified vinyl manufacturing company. Apply in strict accordance with manufacturer's instructions. Make uniformly smooth and free from bubbles, wrinkles, stretching and blemishes.

C. Painted or Silk-screened Graphics: All graphics shall be applied using photo processed screens from camera ready art, arranged to furnish sharp and solid images without build-up or bleeding of the coating. Comply with coating manufacturer's application instructions. Provide proper type of primer to suit each substrate and obtain a permanent bond. Verify compatibility of each substrate with the coatings to be used in the Work. Apply the markings with neat edges, minimum 3 mils (0.075 mm) dry film thickness and as required to obtain solid markings without voids.

2.11 FABRICATION OF SIGNS AND SUPPORTS

A. General: Provide custom manufactured sign assemblies, components completely fabricated and finished at factory before delivery to project. Construct to accurate detail and dimensions as shown and as review on approved Shop Drawings. Fit and assemble the Work at the shop and mark the components as required to facilitate assembly during installation. Exposed fasteners on finished faces will not be allowed, unless specifically indicated. Waviness and oil canning of surfaces is not acceptable. Minimum material thickness is to be 2.3mm (0.090 inches). Conceal wiring, conduit and other electrical items within sign enclosures.

B. Lettering Cut and rout in a manner to produce true and clean edges and corners of finished letterforms. Letterforms having rounded positive or negative corners, nicked, cut, or ragged edges are not acceptable. Align letter forms to maintain a baseline parallel to the sign format. Maintain margins as indicated on the Drawings.

C. Seams and Joints: The contractor shall cut walls and floors carefully and neatly repair them in an acceptable manner. Contractor shall consult the Architect of Record in cases where cutting into a structural portion of the building is required so that satisfactory reinforcement may be provided. Added joints shall be ground filled and finished flush and smooth with adjacent work. Such seams shall be invisible after final finish has been applied. Spot welded joints shall not be visible on exterior of signs after final finish has been applied. No gaps, light leaks, waves, or oil canning will be permitted in work. If any of these are evident, the contractor will be required to correct its work or construct a new sign at its own expense.

D. Metal Signs and Supports: Fabricate exposed surfaces uniformly flat and smooth, without distortion, pitting, or other blemishes. Form exposed metal edges to a smooth radius. Permanently bond the laminated metal components and honeycomb core with adhesive

B. Powder coat shall be TGIC super polyester powder coat with a polymer undercoating. Shop painting shall be uniform on and around sign elements to ensure sign elements will withstand weather conditions.

C. Acrylic Linear Polyurethane enamel: Matthews provides a wide variety of coating systems on a global basis. Specific regions have different branded names: US and Canada – Grip Guard or Grip Guard Base Coat, Europe and Asia – Dynacoat, and Global – Sikvens or Lesonal. The approved color system shall follow the products manufacturer specifications for mixing hardeners, reducers clear coats, etc. Contractor shall refer to the Matthews paint code when ordering the product. Matthews and client require the use of clearcoat over all basecoat systems for durability and warranty purposes. Clearcoat application per Matthews specifications shall be required on all painted surfaces.

D. Primer for Aluminum and Steel: Clean surface and remove all contaminants using approved Matthews wax and grease remover. Sand surface using P-120-P180 Grit dry for aluminum and P-80-P120 for steel. Re-apply wax and grease remover, wipe clean and let dry. Apply Matthews primer specific to technical data sheet from manufacturer.

E. Metal Finishes: Remove scratches, abrasions, dents and other blemishes before applying finish. Apply the following to the fabricated Work, with texture and reflectivity as required to match the Architect's sample.

F. Silk Screening Materials: Provide photo processed screening, arranged to furnish sharp and solid images without edge build up or bleeding of the coating. Pattern-cut screens may be used for non-repeat copy, provided that final image copy is equal to photo screen quality. Provide only weather-resistant coating materials, compatible with the intended substrates. All silk-screened graphics are to be done with the finest screen size feasible for sharp, even reproduction.

G. Vinyl Die-Cut and Pattern Cut-out Graphics: Use Scotchcal Optaque and Translucent film manufactured by 3M where specified. Use pressure-sensitive,

2.10 FINISHING MATERIALS

A. Linear Polyurethane Coatings: Provide the following, or other products as acceptable.

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Contact: AECOM Wayfinding Studio 150 N Orange Avenue 15th Floor Orlando, FL 32801 407.643.6652
Project Team: JMM SPC SLM
Drawn by: SPC

the requirements of the utility owner and shall be sufficient to clear the proposed improvements.

Before beginning work, the contractor shall contact each company, municipality, or agency maintaining utilities in the project area and request their assistance in field locating their utilities in that area. The contractor, however, shall be solely responsible for the location of utilities.

4 CORRESPONDENCE AND COMMUNICATION
 The contractor shall direct all project related questions and concerns in writing to the clients representative for the project. Contact information is listed on the Bid Documents on each page.

36 FINAL CLEANUP

All dirt, mud, trench backfill, materials, temporary surface or other debris shall be removed by the contractor from pavement surfaces, ground surfaces, sewers, manholes, and catch basins as directed by the contractor. Sewers downstream of the project that have accumulated deposits or debris as a result of construction shall be jet cleaned and vacuumed to remove the material at the contractor's own expense.

37 FINAL INSPECTION AND ACCEPTANCE

- A. Upon completion of work, a final inspection for acceptance will be performed by the Owner.
- B. All mock-ups and unused submittals shall be removed from site prior to final acceptance.
- C. Submit operation manuals, tools, and keys as necessary to maintain and adjust the built products.

38 STRUCTURES AND UTILITIES ENCOUNTERED

Various underground and surface structures may or may not be shown on the plans. The locations and dimensions of such structures where shown do not purport to be absolutely correct. In some cases, the structures are plotted on the plans for the information of the contractor, but information so given is not to be construed as a representation that such structures will be found or encountered exactly as plotted. Other structures may also be encountered which are not shown on the plans.

The contractor shall maintain in operating condition all utilities encountered in this work. The contractor shall be entirely responsible for all injuries to water pipes; fiber optic cables; electric conduits; existing drains or sewers; gas pipes; and poles carrying electrical current, telephone or cable television during the prosecution of the work and shall be liable for damages to public or private property resulting therefrom, which amount may be deducted from any monies due him/her for work done. Any damage to existing utilities as a result of the construction shall be repaired to the satisfaction of the owner of the utility at the contractor's expense, whether or not said utilities are shown on the plans.

Existing utilities may be relocated with the approval of the owner of the utility. This relocation shall be at the contractor's expense, done according to

- B. Protective coverings and stripable films shall be removed at a time that will afford the greatest protection of the furniture. Surfaces shall be cleaned to remove excess glazing and sealant compounds, dirt, and other substances.

- C. Upon completion of work and before final acceptance, remove tools, surplus materials, apparatus, and debris from the site. Leave the site in a neat, clean condition, acceptable to the Engineer. Wash, clean, and leave paved areas without stains.
- D. Contractor shall repair and/or replace all damaged surfaces with like materials. All new surfaces adjacent to and within 2 meters of sign, including the entire excavated area shall be returned to its original condition and quality, including materials, finish and grading that was present prior to excavation.

34 PROTECTION OF EXISTING FEATURES

Contractor shall preserve and protect all existing trees, shrubs, plantings, street signs, parking meters, fences, retaining walls, buildings, entry ways, surface materials, property survey monuments, structures and utility line appurtenances. Any removal and replacements or protection required shall be considered part of the contractor's responsibility and shall be incidental to the Contract. Any damage to existing features within and adjacent to the work area, created by failure of the contractor to provide adequate protection from its construction operations, shall be repaired or replaced to the satisfaction of the respective owner at the contractor's expense.

Contractor shall preserve and protect all permanent survey markers, including private property corner markers, section or quarter section monuments, and permanent benchmarks. Survey markers necessarily moved as a result of construction, or otherwise damaged by the contractor shall be replaced at the contractor's expense by a land surveyor registered in the project state.

35 UTILITY CONFLICTS

At some locations on the project (water, gas, power pole supports, etc.) may be in conflict with the work authorized under this project. The contractor will inform the client's representative to determine a resolution of the conflict which may include relocation of the sign or utility.

- D. Digitally Printed Graphics: All digitally printed graphics to be executed from Owner/Designer approved art and to be produced at a high rate of resolution. Usage of substrate and ink types to be for the specific (interior or exterior) installation environment, and to be applied in strict accordance with manufacturer's instructions.

3 EXECUTION

31 VERIFICATION OF CONDITIONS

- A. Inspect all surfaces to receive signage and report all defects which would interfere with signage installation.
- B. Starting work implies acceptance of surfaces as satisfactory
- C. Verify all conditions and sign dimensions in field. Contractor to review and study architectural, landscape, lighting, electrical and related plans to insure that all proposed signs can be installed and supported. Verification of conditions and sign dimensions to be completed prior to sign fabrication and reviewed with the architect.

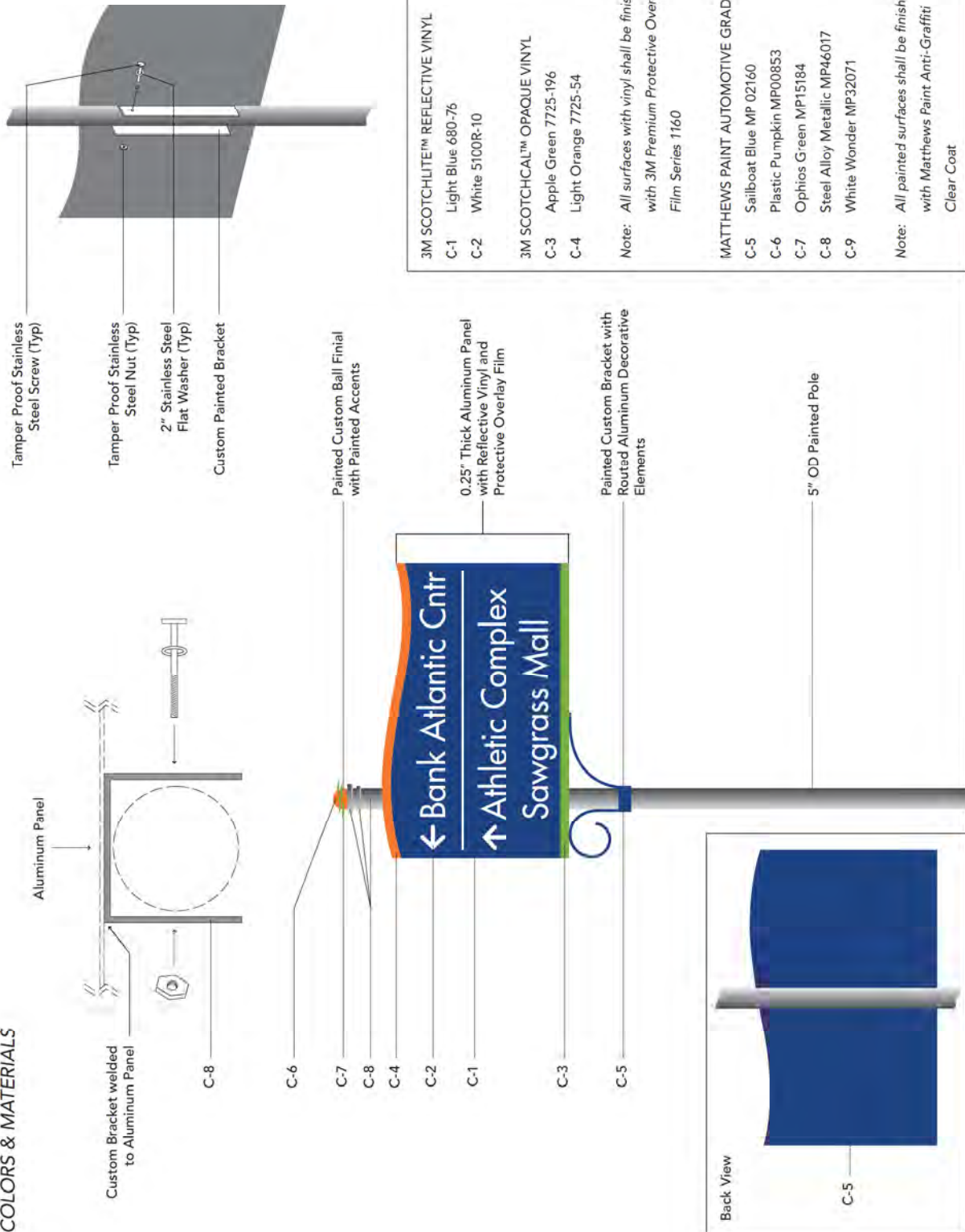
32 INSTALLATION

- A. Install signage upon acceptance by the owner of material and substantial completion of job site area to receive such materials.
- B. Special Precautions: Guard against damaging existing pavements and planting where signage is to be installed.
- C. Footings beneath topping surface shall be installed and located prior to top surface installer.
- D. Prior to installation, check all components, nuts, bolts, and other connections for proper alignment, fit and any damage. Replace damaged or defective components.
- E. Prior to installation, confirm all electrical locations and requirements with the owner or owners representative.

33 CLEAN UP

- A. Keep areas of work clean, neat and orderly at all times. Clean surfaces, inside and out. Use approved cleaners if necessary to remove dirt.

COLORS & MATERIALS



Wayfinding System - Sign Details
 Sign A — FDOT Vehicular Directional
 60222066.001 Sunrise

Scale: 1/2" = 1'
 Note: Drawing scale shown on plans is accurate for full size plans only. AECOM is not responsible for scale discrepancies caused by reduced size plans.

Description:
 FDOT Vehicular Directional

Original Issue Date: 2012.04.04

Revisions:

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 407-843-4552
 150 N Orange Avenue, Suite 200
 Orlando, Florida 32801

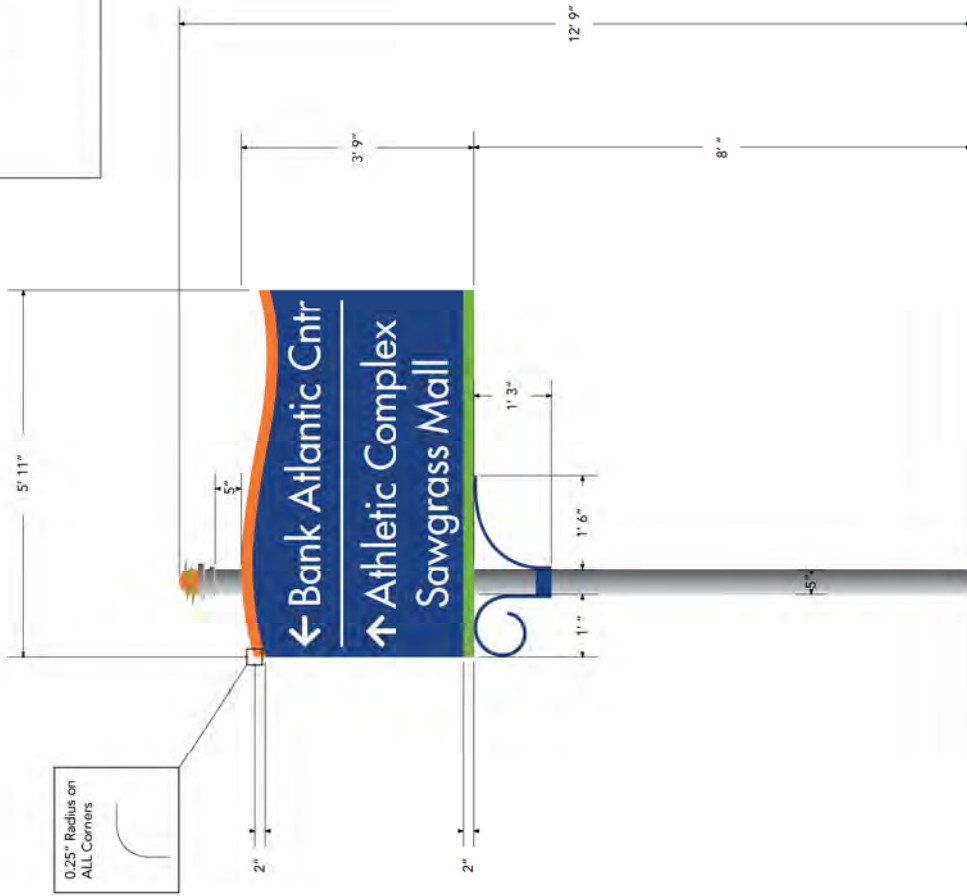
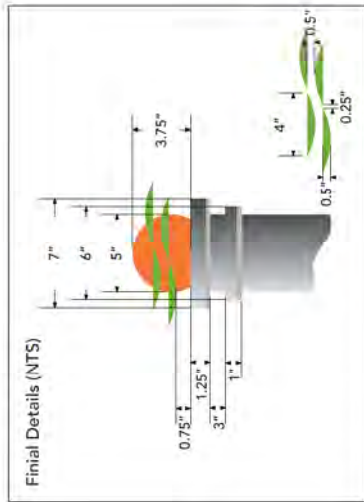
Project Team:
 JMM
 SPC
 SLM

Drawn By: SPC

3M SCOTCHLITE™ REFLECTIVE VINYL	
C-1	Light Blue 680-76
C-2	White 5100R-10
3M SCOTCHCAL™ OPAQUE VINYL	
C-3	Apple Green 7725-196
C-4	Light Orange 7725-54
Note: All surfaces with vinyl shall be finished with 3M Premium Protective Overlay Film Series 1160	
MATTHEWS PAINT AUTOMOTIVE GRADE	
C-5	Sailboat Blue MP 02160
C-6	Plastic Pumpkin MP00853
C-7	Ophios Green MP15184
C-8	Steel Alloy Metallic MP46017
C-9	White Wonder MP32071
Note: All painted surfaces shall be finished with Matthews Paint Anti-Graffiti Clear Coat	

Foundation per Code

DIMENSIONS



Foundation per Code

AECOM	
Wayfinding System - Sign Details	
Sign A — FDOT Vehicular Directional 60222066.001 Sunrise	
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Wayfinding System - Sign Details

Sign A — FDOT Vehicular Directional
60222066.001 Sunrise

Scale: NTS

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Description:
FDOT Vehicular Directional

Original Issue Date: 2012.04.04

Revisions:

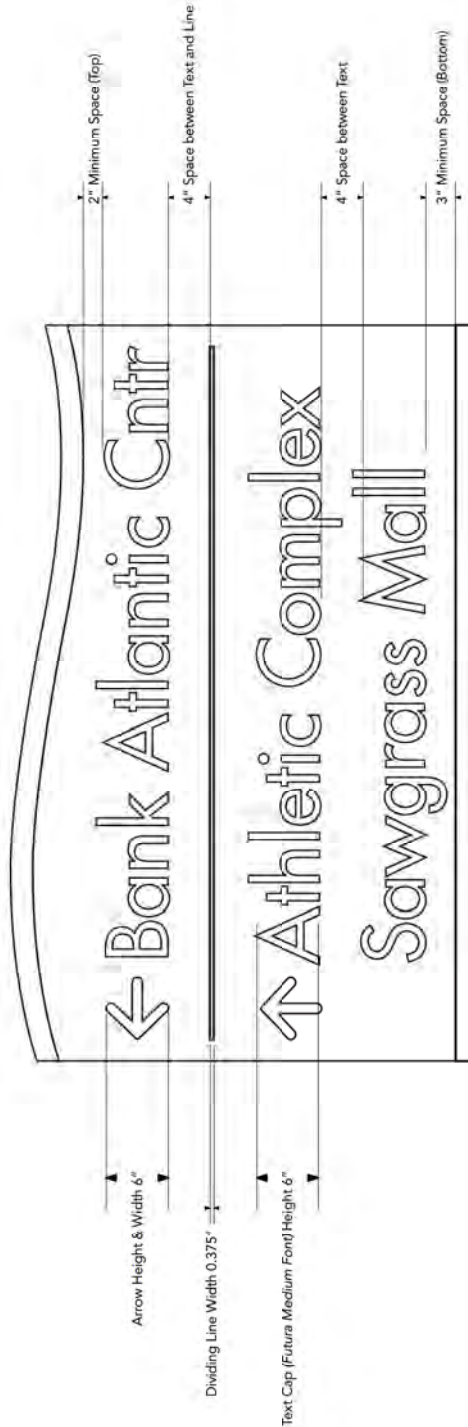
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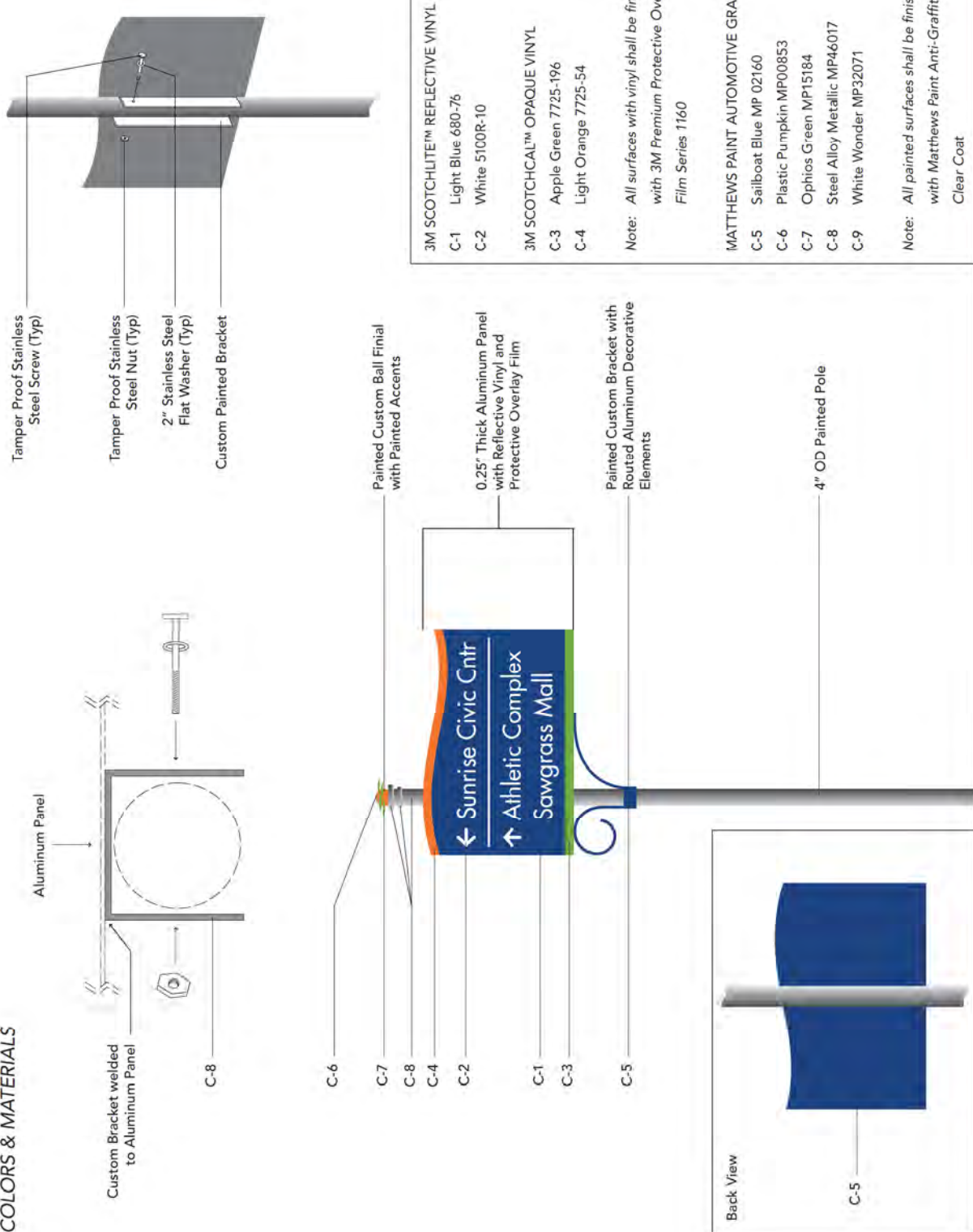
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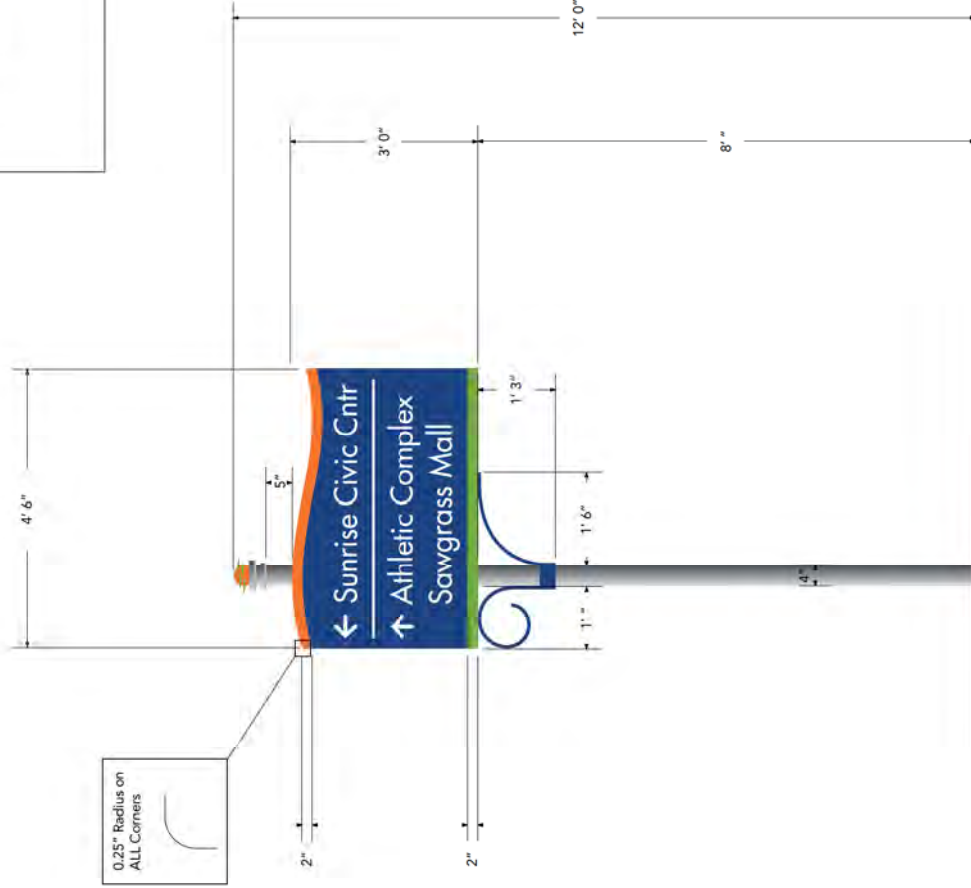
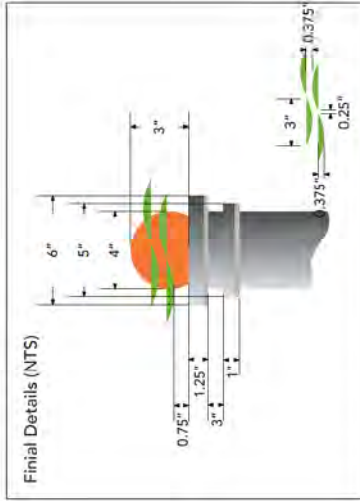
COLORS & MATERIALS



AECOM	
Wayfinding System - Sign Details	
Sign B — City Vehicular Directional 60222066.001 Sunrise	
Scale: 1/2" = 1'	Note: Drawing scale shown on plans is accurate for full size plans only. AECOM is not responsible for scale discrepancies caused by reduced size plans.
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Original Issue Date: 2012.04.04	
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3M SCOTCHCAL™ OPAQUE VINYL	
C-3	Apple Green 7725-196
C-4	Light Orange 7725-54
Note: All surfaces with vinyl shall be finished with 3M Premium Protective Overlay Film Series 1160	
MATTHEWS PAINT AUTOMOTIVE GRADE	
C-5	Sailboat Blue MP 02160
C-6	Plastic Pumpkin MP00853
C-7	Ophios Green MP15184
C-8	Steel Alloy Metallic MP46017
C-9	White Wonder MP32071
Note: All painted surfaces shall be finished with Matthews Paint Anti-Graffiti Clear Coat	

DIMENSIONS



Foundation per Code



Wayfinding System - Sign Details
 Sign B — City Vehicular Directional
 60222066.001 Sunrise

Scale: 1/2" = 1'
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Description:
 City Vehicular Directional

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Wayfinding System - Sign Details

Sign B — City Vehicular Directional
60222066.001 Sunrise

Scale: NTS

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Revisions:

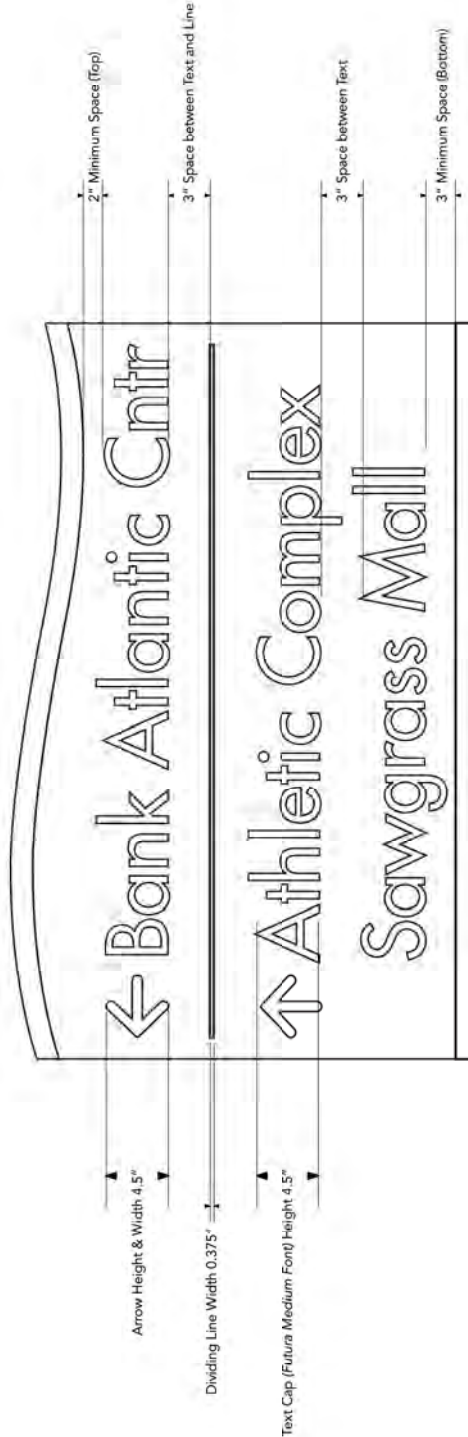
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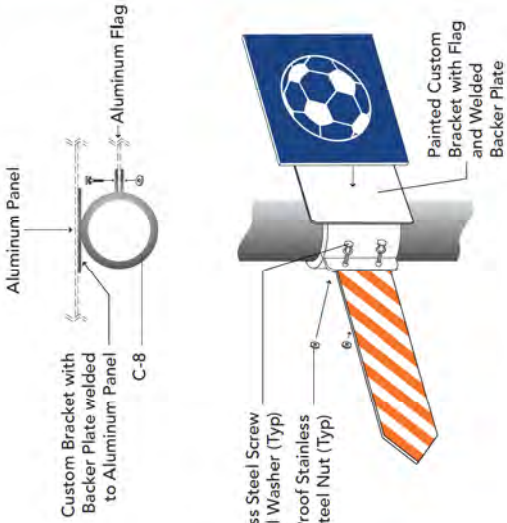
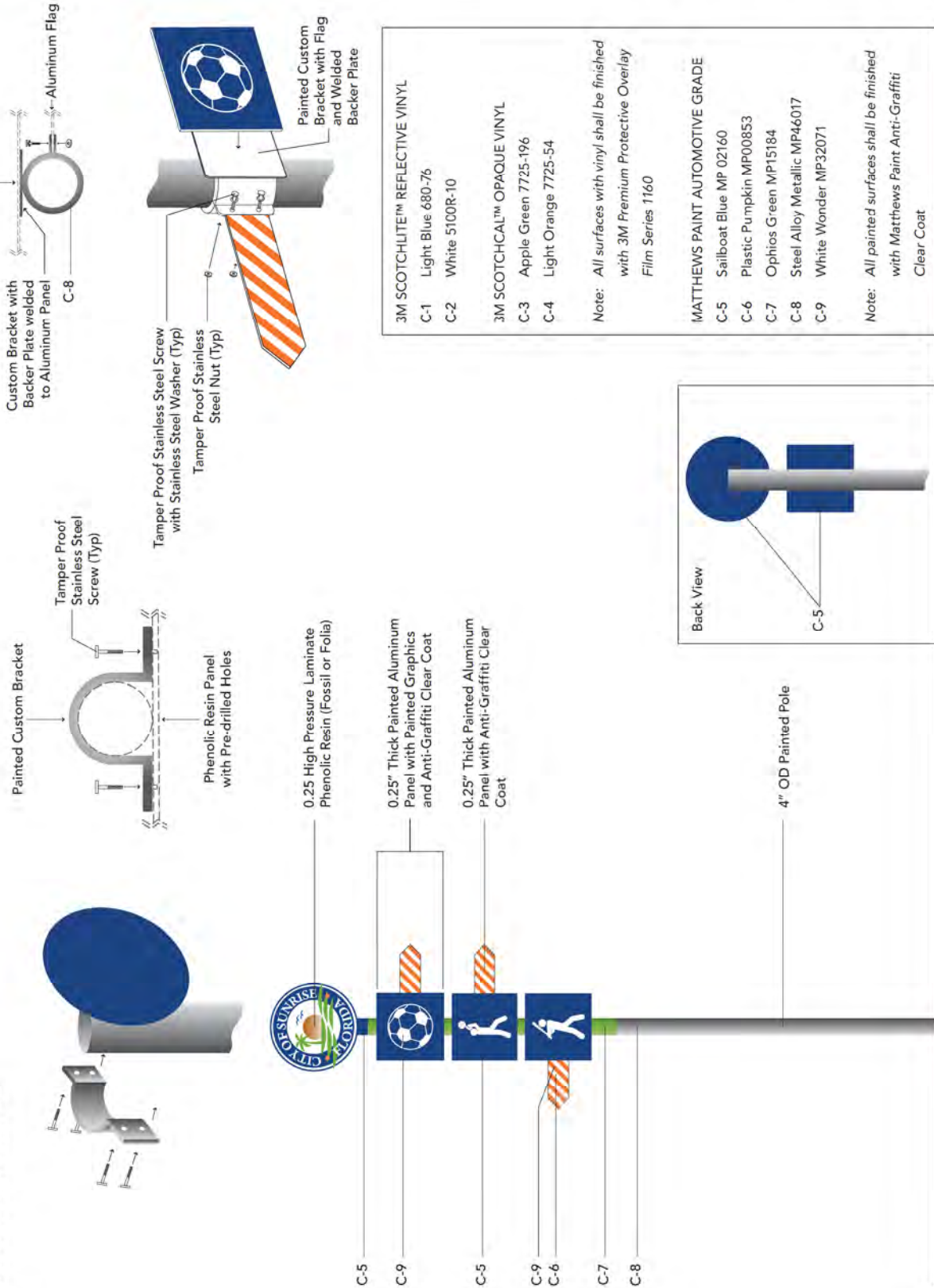
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Project Team:
JMM
SPC
SLM

Drawn By: SPC



COLORS & MATERIALS



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Note: All surfaces with vinyl shall be finished with 3M Premium Protective Overlay Film Series 1160	
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C-9	White Wonder MP32071
Note: All painted surfaces shall be finished with Matthews Paint Anti-Graffiti Clear Coat	



Wayfinding System - Sign Details
 Sign C — Pedestrian Park Directional
 60222066.001 Sunrise

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Description:
 Pedestrian Park Directional

Original Issue Date: 2012.04.04

Revisions:

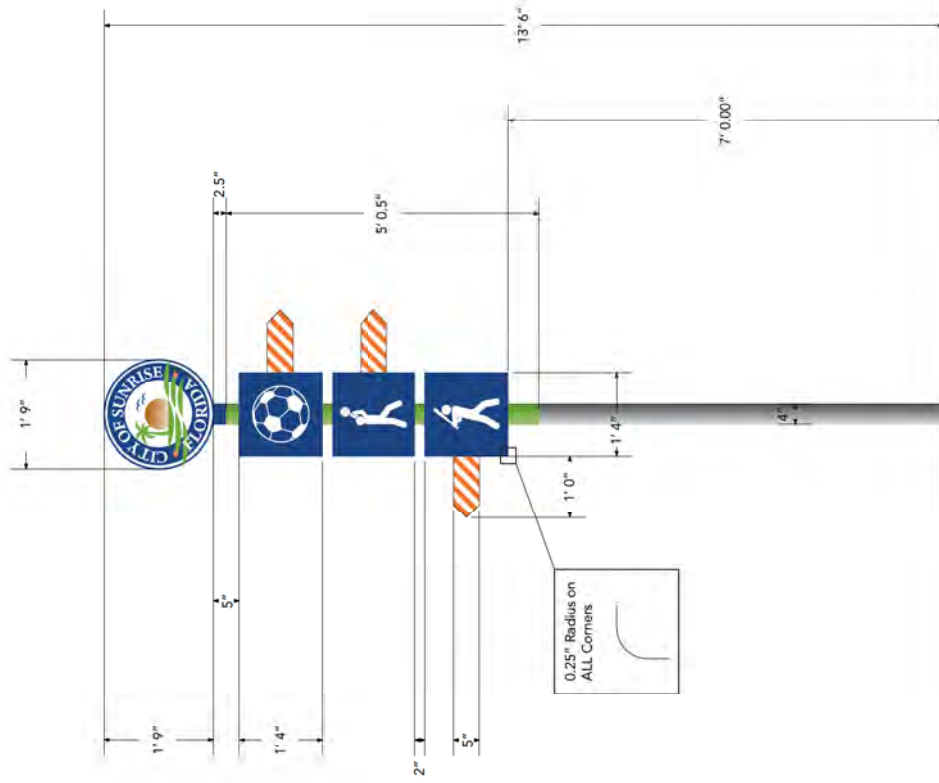
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The content of this document is subject to the design intent requirements outlined in the Specifications.

Contact:
 Environmental Graphics/Wayfinding
 AECOM
 407-843-4552
 150 N Orange Avenue, Suite 200
 Orlando, Florida 32801

Project Team:
 JMM
 SPC
 SLM
 Drawn By: SPC

DIMENSIONS



AECOM	
Wayfinding System - Sign Details	
Sign C — Pedestrian Park Directional 60222066.001 Sunrise	
Scale: 1/2" = 1'	Note: Drawing scale shown on plans is accurate for full size plans only. AECOM is not responsible for scale discrepancies caused by reduced size plans.
Description:	Pedestrian Park Directional
Original Issue Date:	2012.04.04
Revisions:	
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Contact:	Environmental Graphics/Wayfinding AECOM 407-843-4552 150 N Orange Avenue, Suite 200 Orlando, Florida 32801
Project Team:	JMM SPC SLM
Drawn By:	SPC

Foundation per Code



City of Sunrise Logo



Final Park Graphics TBD by City

<h1 style="margin: 0;">AECOM</h1>	
<p>Wayfinding System - Sign Details</p>	
<p>Sign C — Pedestrian Park Directional 60222066.001 Sunrise</p>	
<p>Scale: NTS</p> <p>Note: Drawing scale shown on plans is accurate for full size plans only. AECOM is not responsible for scale discrepancies caused by reduced size plans.</p>	
<p>Description: Pedestrian Park Directional</p>	
<p>Original Issue Date: 2012.04.04</p>	
<p>Revisions:</p>	
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<p>Contact: Environmental Graphics/Wayfinding AECOM 407-843-4552 150 N Orange Avenue, Suite 200 Orlando, Florida 32801</p>	
<p>Project Team: JMM SPC SLM</p>	<p>Drawn By: SPC</p>

COLORS & MATERIALS



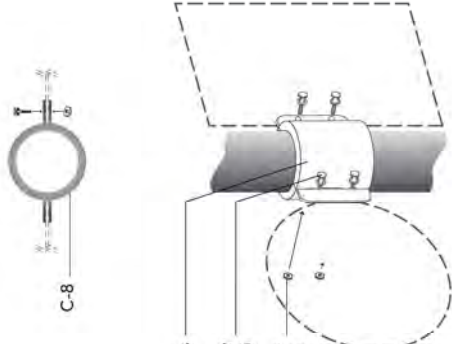
C-6 Painted Custom Bracket with Painted Accents
C-7 Painted Custom Bracket with Painted Accents

C-5 0.25 High Pressure Laminate Phenolic Resin (Fossil or Folia)



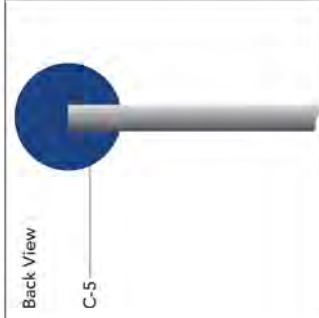
C-8 Painted Custom Bracket with Ornamental Element

4" OD Painted Pole



C-8 Painted Custom Bracket with Flags
C-9 Tamper Proof Stainless Steel Screw with Stainless Steel Washer (Typ) Tamper Proof Stainless Steel Nut (Typ)

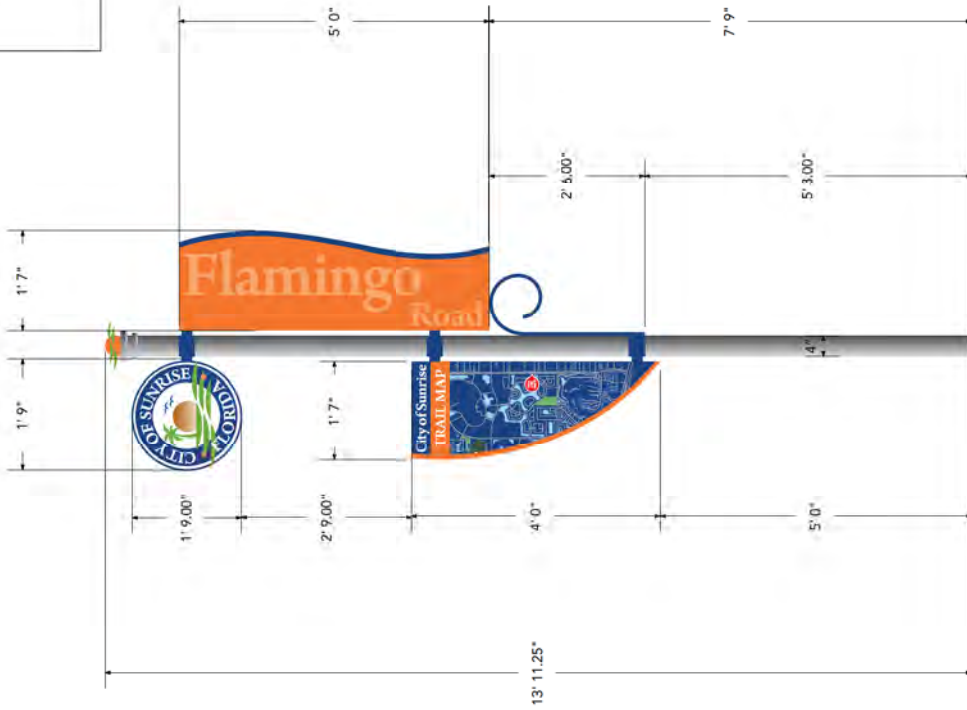
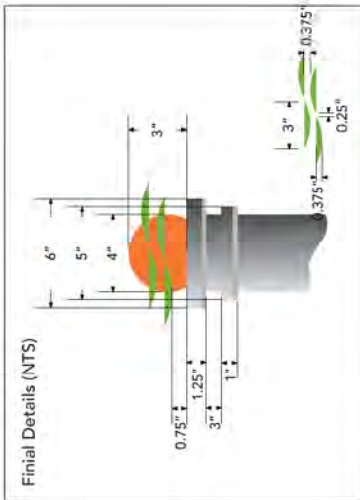
3M SCOTCHLITE™ REFLECTIVE VINYL	
C-1	Light Blue 680-76
C-2	White 5100R-10
3M SCOTCHCAL™ OPAQUE VINYL	
C-3	Apple Green 7725-196
C-4	Light Orange 7725-54
Note: All surfaces with vinyl shall be finished with 3M Premium Protective Overlay Film Series 1160	
MATTHEWS PAINT AUTOMOTIVE GRADE	
C-5	Sailboat Blue MP 02160
C-6	Plastic Pumpkin MP00853
C-7	Ophios Green MP15184
C-8	Steel Alloy Metallic MP46017
C-9	White Wonder MP32071
Note: All painted surfaces shall be finished with Matthews Paint Anti-Graffiti Clear Coat	



Back View
C-5

AECOM	
Wayfinding System - Sign Details	
Sign D — Trail/Park Identification 60222066.001 Sunrise	
Scale: 1/2" = 1'	Note: Drawing scale shown on plans is accurate for full size plans only. AECOM is not responsible for scale discrepancies caused by reduced size plans.
Description:	Trail/Park Identification
Original Issue Date:	2012.04.04
Revisions:	
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Project Team:	JMM SPC SLM
Drawn By:	SPC

DIMENSIONS



Foundation per Code

AECOM

Wayfinding System - Sign Details

Sign D — Trail/Park Identification
60222066.001 Sunrise

Scale: 1/2" = 1'

Note: Drawing scale shown on plans is accurate for full size plans only. AECOM is not responsible for scale discrepancies caused by reduced size plans.

Description:
Trail/Park Identification

Original Issue Date: 2012.04.04

Revisions:

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Orlando, Florida 32801

Project Team:
JMM
SPC
SLM

Drawn By: SPC

AECOM	
Wayfinding System - Sign Details	
Sign D — Trail/Park Identification 60222066.001 Sunrise	
Scale: NTS	Note: Drawing scale shown on plans is accurate for full size plans only. AECOM is not responsible for scale discrepancies caused by reduced size plans.
Description: Trail/Park Identification	
Original Issue Date: 2012.04.04	
Revisions:	
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Project Team: JMM SPC SLM	Drawn By: SPC

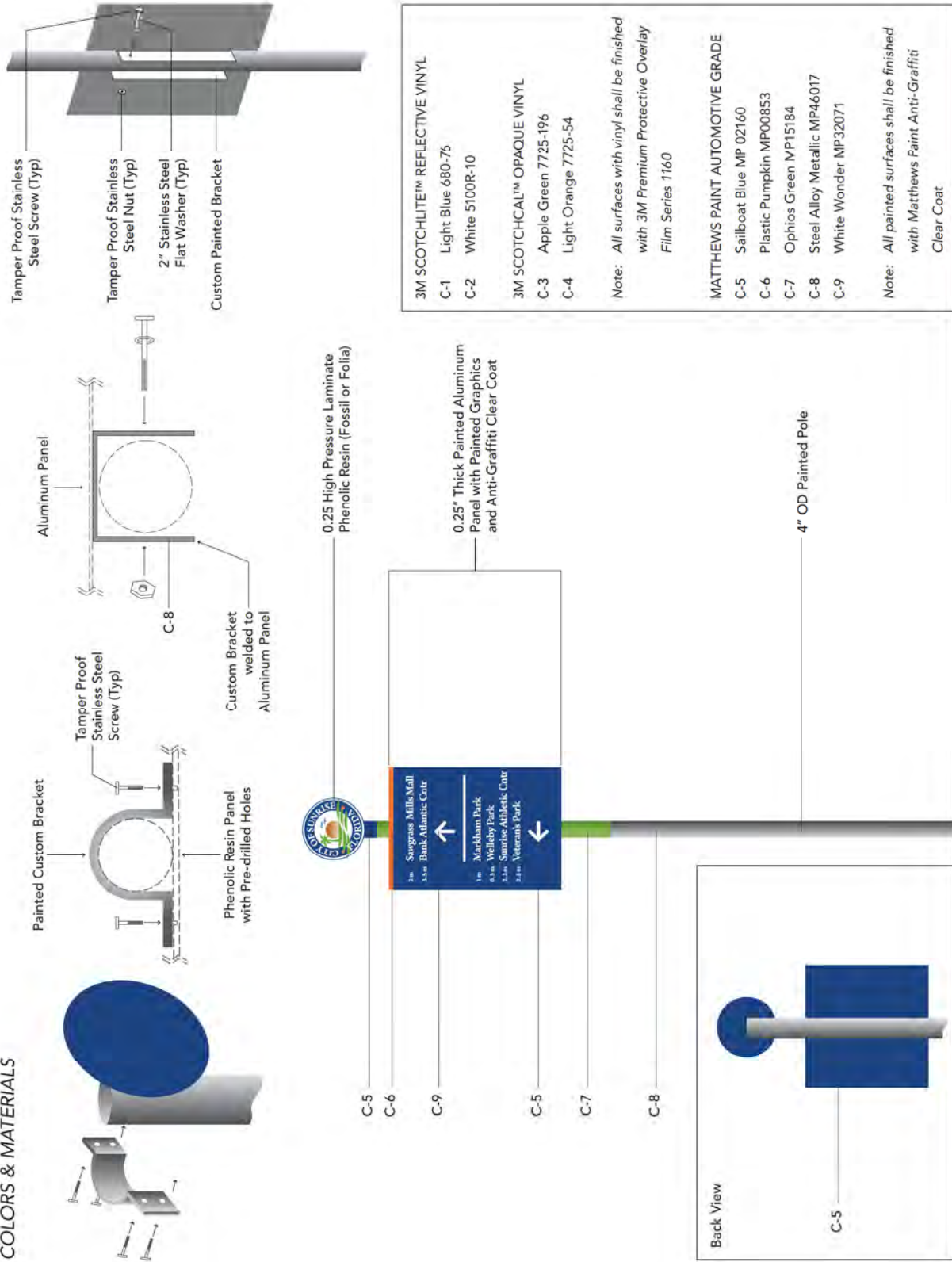


City of Sunrise Logo



Final Park Graphics TBD by City

COLORS & MATERIALS



Wayfinding System - Sign Details

Sign E — Pedestrian Directional
60222066.001 Sunrise

Scale: 1/2" = 1'

Note: Drawing scale shown on plans is accurate for full size plans only. AECOM is not responsible for scale discrepancies caused by reduced size plans.

Description:
Pedestrian Directional

Original Issue Date: 2012.04.04

Revisions:

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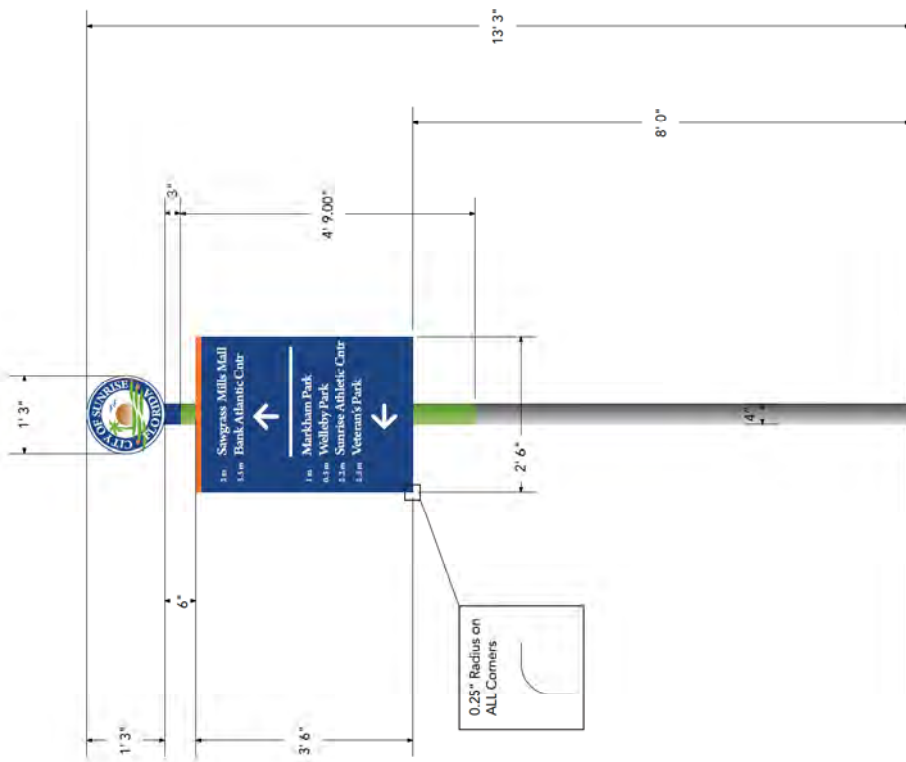
Contact:
Environmental Graphics/Wayfinding
AECOM
407-843-4552
150 N Orange Avenue, Suite 200
Orlando, Florida 32801

Project Team:
JMM
SPC
SLM

Drawn By: SPC

Foundation per Code

DIMENSIONS



Foundation per Code



Wayfinding System - Sign Details

Sign E — Pedestrian Directional
 60222066.001 Sunrise

Scale: 1/2" = 1'

Note: Drawing scale shown on plans is accurate for full size plans only. AECOM is not responsible for scale discrepancies caused by reduced size plans.

Description:
 Pedestrian Directional

Original Issue Date: 2012.04.04

Revisions:

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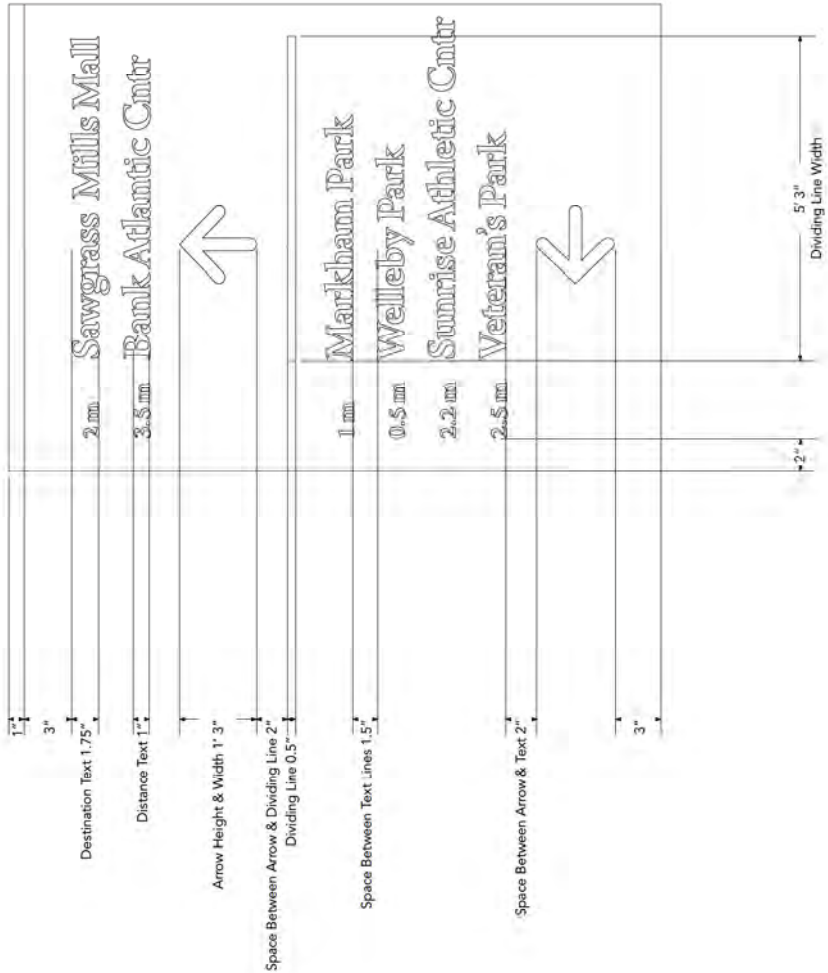
Project Team:
 JMM
 SPC
 SLM

Drawn By: SPC

GRAPHICS



City of Sunrise logo



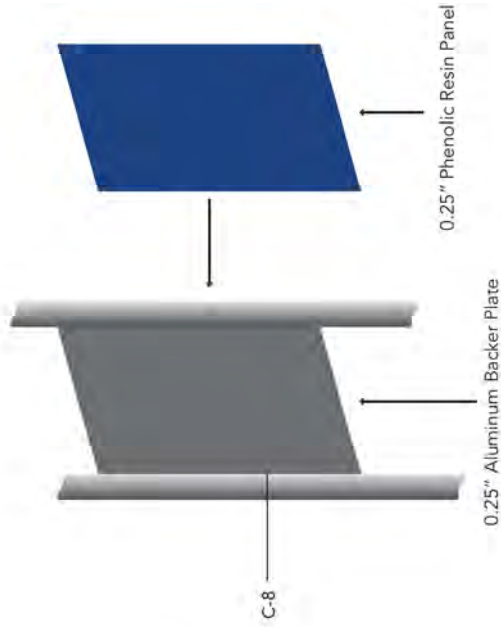
AECOM	
Wayfinding System - Sign Details	
Sign E — Pedestrian Directional 60222066.001 Sunrise	
Scale: 1/2" = 1'	
Note: Drawing scale shown on plans is accurate for full size plans only. AECOM is not responsible for scale discrepancies caused by reduced size plans.	
Description:	Pedestrian Directional
Original Issue Date:	2012.04.04
Revisions:	
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Contact:	Environmental Graphics/Wayfinding AECOM 407-843-4552 150 N Orange Avenue, Suite 200 Orlando, Florida 32801
Project Team:	JMM SPC SLM
Drawn By:	SPC

COLORS & MATERIALS

0.25" Aluminum Backer Plate welded to 3" OD Painted Poles



Tamper Proof Bolt screwed through Backer Plate into Threaded Insert of Phenolic Resin Panel



C-8

0.25" Aluminum Backer Plate

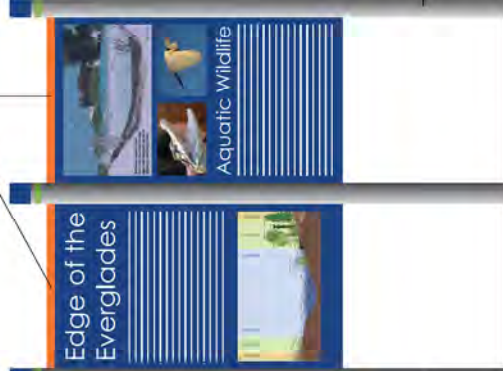
0.25" Phenolic Resin Panel

C-5

C-7

4" OD Painted Pole

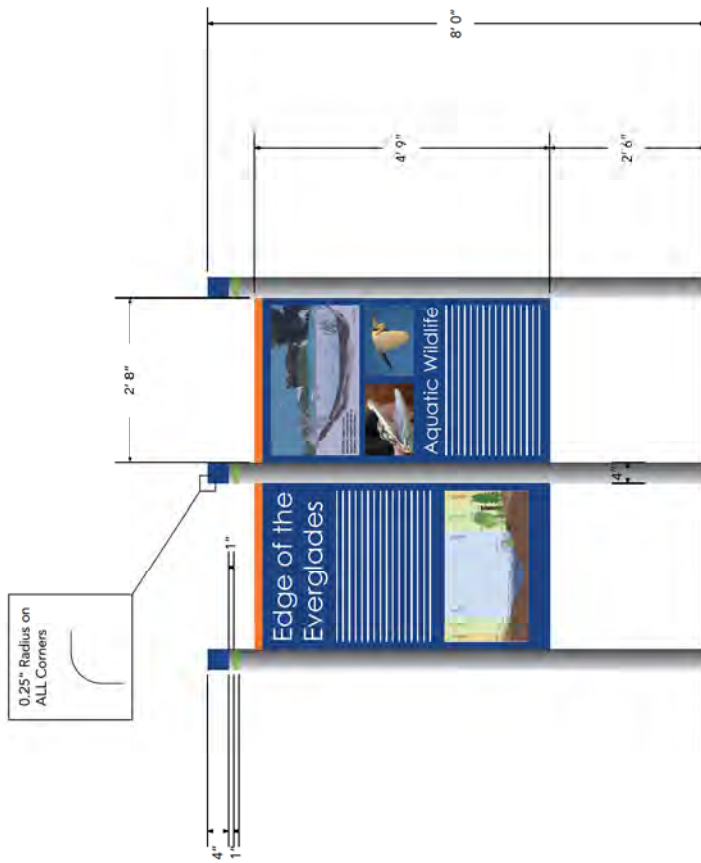
0.25" Thick High Pressure Laminate Phenolic Resin with Backer Plate



<p>3M SCOTCHLITE™ REFLECTIVE VINYL</p> <p>C-1 Light Blue 680-76</p> <p>C-2 White 5100R-10</p>	
<p>3M SCOTCHCAL™ OPAQUE VINYL</p> <p>C-3 Apple Green 7725-196</p> <p>C-4 Light Orange 7725-54</p>	
<p>Note: All surfaces with vinyl shall be finished with 3M Premium Protective Overlay Film Series 1160</p>	
<p>MATTHEWS PAINT AUTOMOTIVE GRADE</p> <p>C-5 Sailboat Blue MP 02160</p> <p>C-6 Plastic Pumpkin MP00853</p> <p>C-7 Ophios Green MP15184</p> <p>C-8 Steel Alloy Metallic MP46017</p> <p>C-9 White Wonder MP32071</p>	
<p>Note: All painted surfaces shall be finished with Matthews Paint Anti-Graffiti Clear Coat</p>	

<p>AECOM</p>	
<p>Wayfinding System - Sign Details</p>	
<p>Sign F — Large Interpretive Sign 60222066.001 Sunrise</p>	
<p>Scale: 1/2" = 1'</p> <p>Note: Drawing scale shown on plans is accurate for full size plans only. AECOM is not responsible for scale discrepancies caused by reduced size plans.</p>	
<p>Description: Large Interpretive Sign</p>	
<p>Original Issue Date: 2012.04.04</p>	
<p>Revisions:</p>	
<p>These drawings express visual design intent only. Final engineering, materials, and fabrication shall remain the responsibility of the fabricator.</p>	
<p>The content of this document is subject to the design intent requirements outlined in the Specifications.</p>	
<p>Contact: Environmental Graphics/Wayfinding AECOM 407-843-4552 150 N Orange Avenue, Suite 200 Orlando, Florida 32801</p>	
<p>Project Team: JMM SPC SLM</p>	
<p>Drawn By: SPC</p>	

DIMENSIONS



Foundation per Code



Wayfinding System - Sign Details

Sign F — Large Interpretive Sign
60222066.001 Sunrise

Scale: 1/2" = 1'

Note: Drawing scale shown on plans is accurate for full size plans only. AECOM is not responsible for scale discrepancies caused by reduced size plans.

Description:
Large Interpretive Sign

Original Issue Date: 2012.04.04

Revisions:

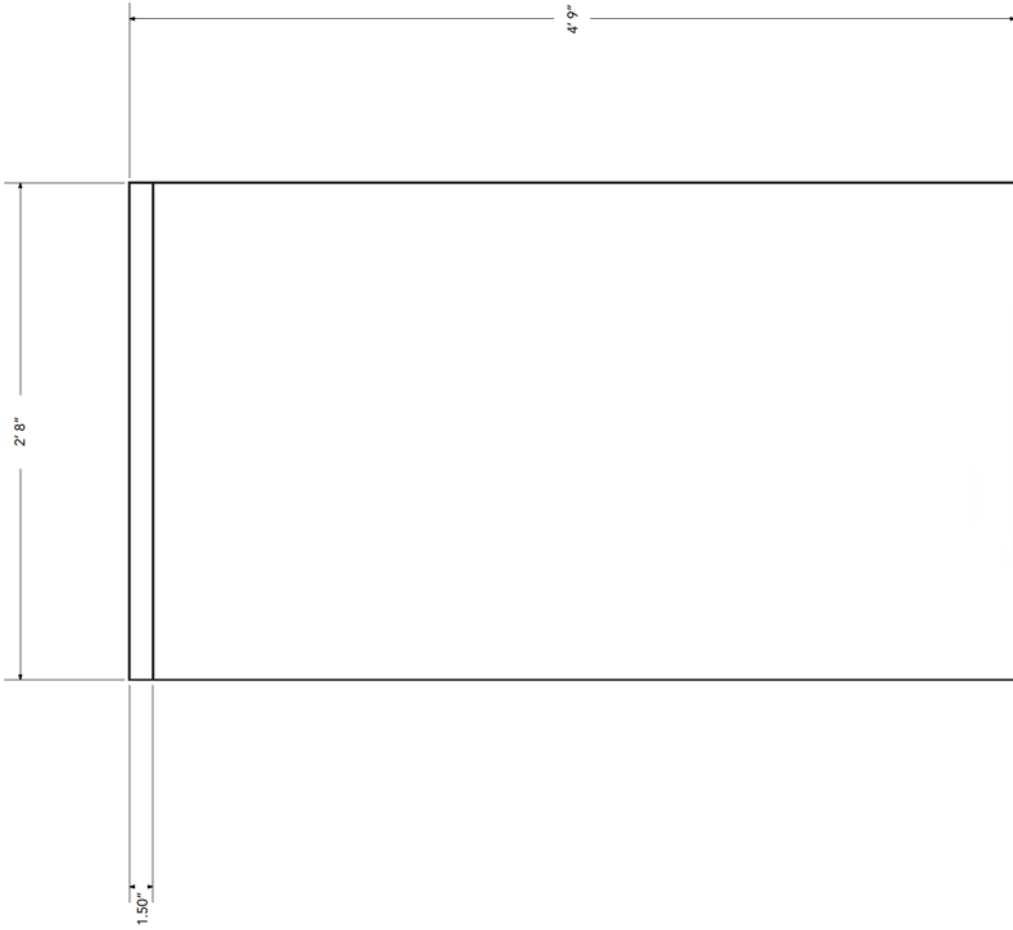
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Environmental Graphics/Wayfinding
AECOM
407-843-4552
150 N Orange Avenue, Suite 200
Orlando, Florida 32801

Project Team:
JMM
SPC
SLM

Drawn By: SPC

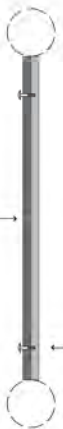


All artwork to be supplied by Client.

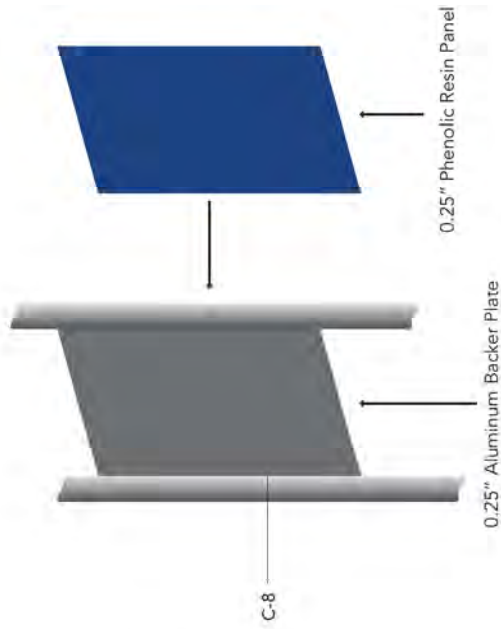
AECOM	
Wayfinding System - Sign Details	
Sign F — Large Interpretive Sign 60222066.001 Sunrise	
Scale: NTS	Note: Drawing scale shown on plans is accurate for full size plans only. AECOM is not responsible for scale discrepancies caused by reduced size plans.
Description: Large Interpretive Sign	
Original Issue Date: 2012.04.04	
Revisions:	
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Contact: Environmental Graphics/Wayfinding AECOM 407-843-4552 150 N Orange Avenue, Suite 200 Orlando, Florida 32801	
Project Team: JMM SPC SLM	Drawn By: SPC

COLORS & MATERIALS

0.25" Aluminum Backer Plate welded to 3" OD Painted Poles



Tamper Proof Bolt screwed through Backer Plate into Threaded Insert of Phenolic Resin Panel



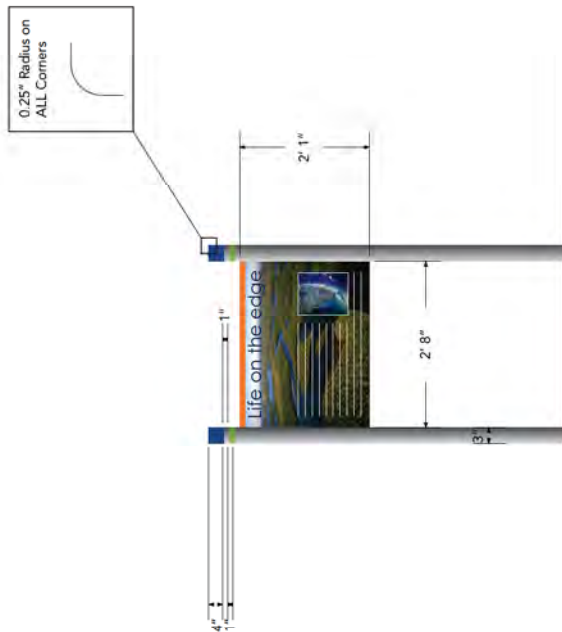
3M SCOTCHLITE™ REFLECTIVE VINYL	
C-1	Light Blue 680-76
C-2	White 5100R-10
3M SCOTCHCAL™ OPAQUE VINYL	
C-3	Apple Green 7725-196
C-4	Light Orange 7725-54
<p>Note: All surfaces with vinyl shall be finished with 3M Premium Protective Overlay Film Series 1160</p>	
MATTHEWS PAINT AUTOMOTIVE GRADE	
C-5	Sailboat Blue MP 02160
C-6	Plastic Pumpkin MP00853
C-7	Ophios Green MP15184
C-8	Steel Alloy Metallic MP46017
C-9	White Wonder MP32071
<p>Note: All painted surfaces shall be finished with Matthews Paint Anti-Graffiti Clear Coat</p>	



AECOM	Wayfinding System - Sign Details	
	Sign G — Small Interpretive Sign 60222066.001 Sunrise	
Scale: 1/2" = 1'	Note: Drawing scale shown on plans is accurate for full size plans only. AECOM is not responsible for scale discrepancies caused by reduced size plans.	
Description:	Small Interpretive Sign	
Original Issue Date:	2012.04.04	
Revisions:		
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Contact:	Environmental Graphics/Wayfinding AECOM 407-843-4552 150 N Orange Avenue, Suite 200 Orlando, Florida 32801	
Project Team:	JMM SPC SLM	
Drawn By:	SPC	

DIMENSIONS

AECOM	
Wayfinding System - Sign Details	
Sign G — Small Interpretive Sign 60222066.001 Sunrise	
Scale: 1/2" = 1'	Note: Drawing scale shown on plans is accurate for full size plans only. AECOM is not responsible for scale discrepancies caused by reduced size plans.
Description: Small Interpretive Sign	
Original Issue Date: 2012.04.04	
Revisions:	
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Contact: Environmental Graphics/Wayfinding AECOM 407-843-4552 150 N Orange Avenue, Suite 200 Orlando, Florida 32801	
Project Team: JMM SPC SLM	Drawn By: SPC



Foundation per Code



Wayfinding System - Sign Details

Sign G — Small Interpretive Sign
60222066.001 Sunrise

Scale: NTS

Note: Drawing scale shown on plans is accurate for full size plans only. AECOM is not responsible for scale discrepancies caused by reduced size plans.

Description:
Small Interpretive Sign

Original Issue Date: 2012.04.04

Revisions:

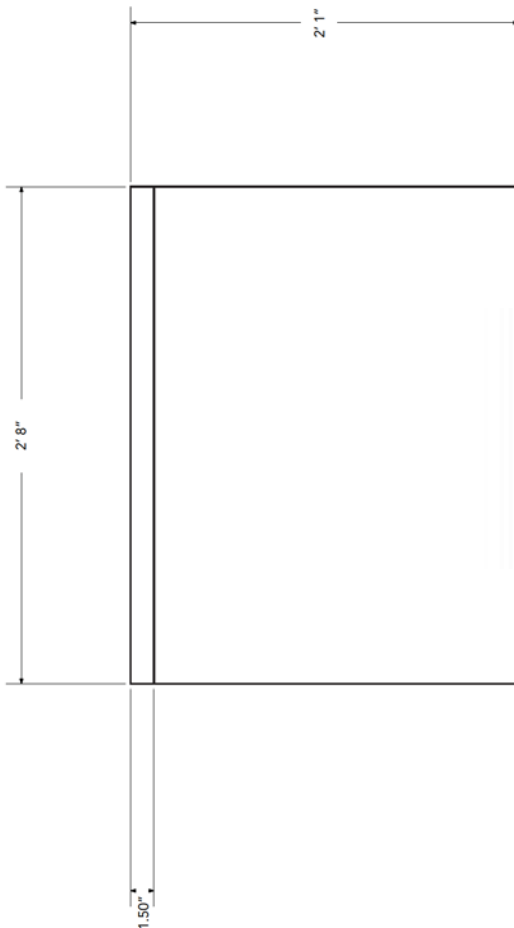
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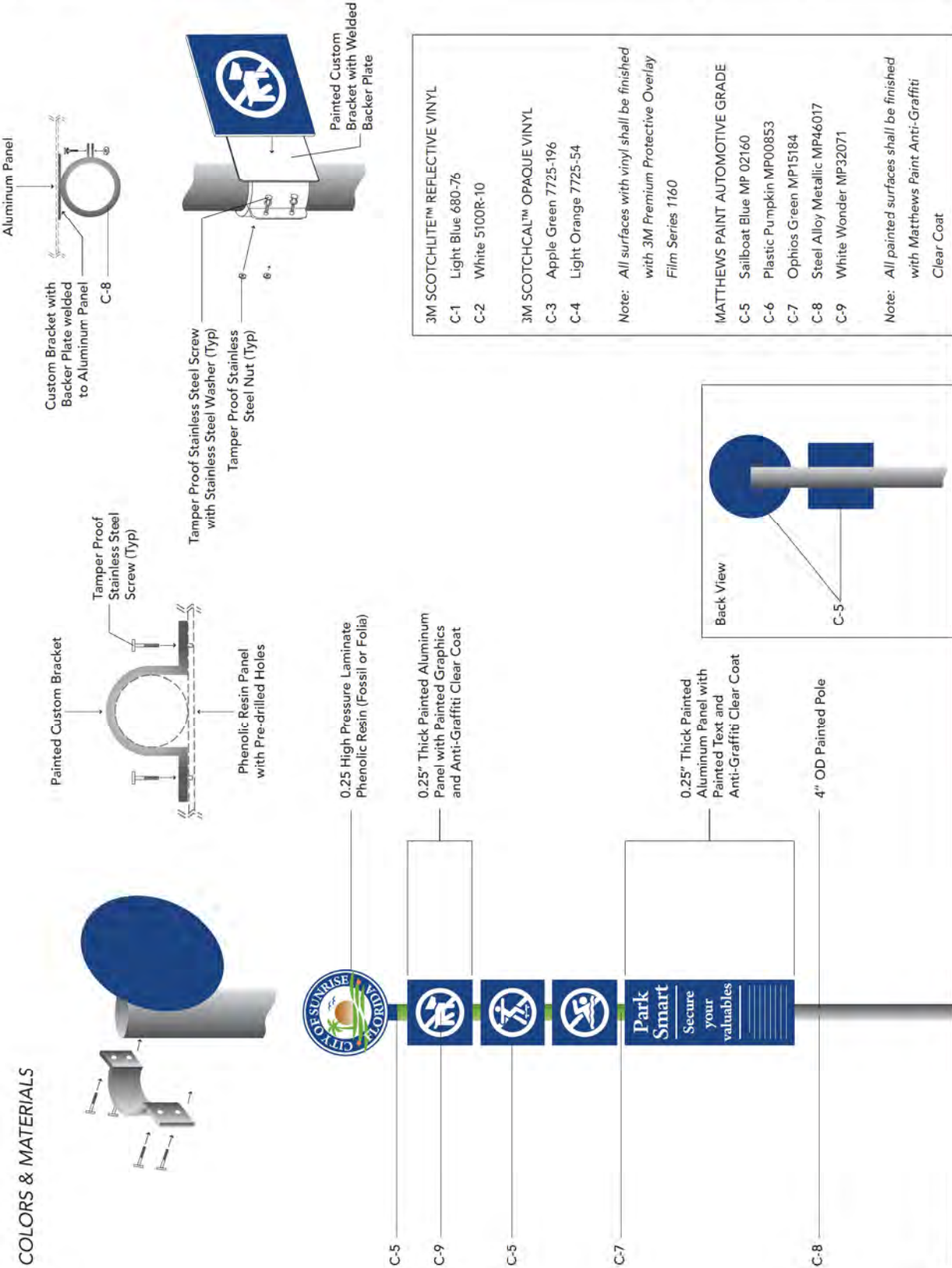
Project Team:
JMM
SPC
SLM

Drawn By: SPC



All artwork to be supplied by Client.

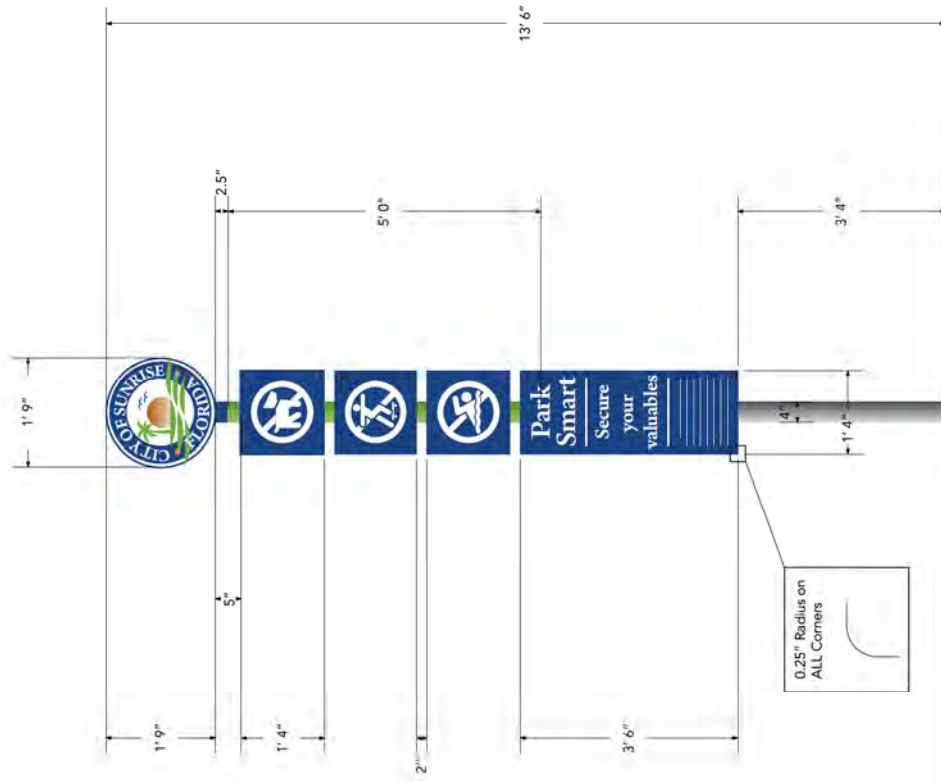
COLORS & MATERIALS



3M SCOTCHLITE™ REFLECTIVE VINYL	
C-1	Light Blue 680-76
C-2	White 5100R-10
3M SCOTCHCAL™ OPAQUE VINYL	
C-3	Apple Green 7725-196
C-4	Light Orange 7725-54
Note: All surfaces with vinyl shall be finished with 3M Premium Protective Overlay Film Series 1160	
MATTHEWS PAINT AUTOMOTIVE GRADE	
C-5	Sailboat Blue MP 02160
C-6	Plastic Pumpkin MP00853
C-7	Ophios Green MP15184
C-8	Steel Alloy Metallic MP46017
C-9	White Wonder MP32071
Note: All painted surfaces shall be finished with Matthews Paint Anti-Graffiti Clear Coat	

AECOM	
Wayfinding System - Sign Details	
Sign H — Park Rules 60222066.001 Sunrise	
Scale: 1/2" = 1'	Note: Drawing scale shown on plans is accurate for full size plans only. AECOM is not responsible for scale discrepancies caused by reduced size plans.
Description:	Park Rules
Original Issue Date:	2012.04.04
Revisions:	
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Contact:	Environmental Graphics/Wayfinding AECOM 407-843-4552 150 N Orange Avenue, Suite 200 Orlando, Florida 32801
Project Team:	JMM SPC SLM
Drawn By:	SPC

DIMENSIONS



Foundation per Code



Wayfinding System - Sign Details

Sign H — Park Rules
60222066.001 Sunrise

Scale: 1/2" = 1'

Note: Drawing scale shown on plans is accurate for full size plans only. AECOM is not responsible for scale discrepancies caused by reduced size plans.

Description:
Park Rules

Original Issue Date: 2012.04.04

Revisions:

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Orlando, Florida 32801

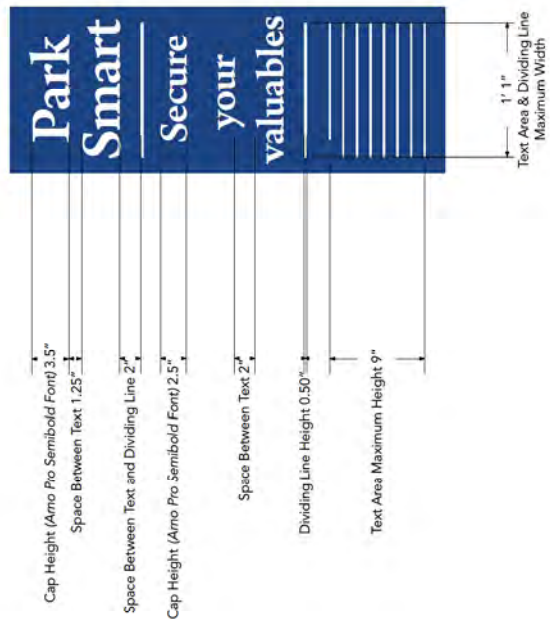
Project Team:
JMM
SPC
SLM

Drawn By: SPC

GRAPHICS



City of Sunrise Logo

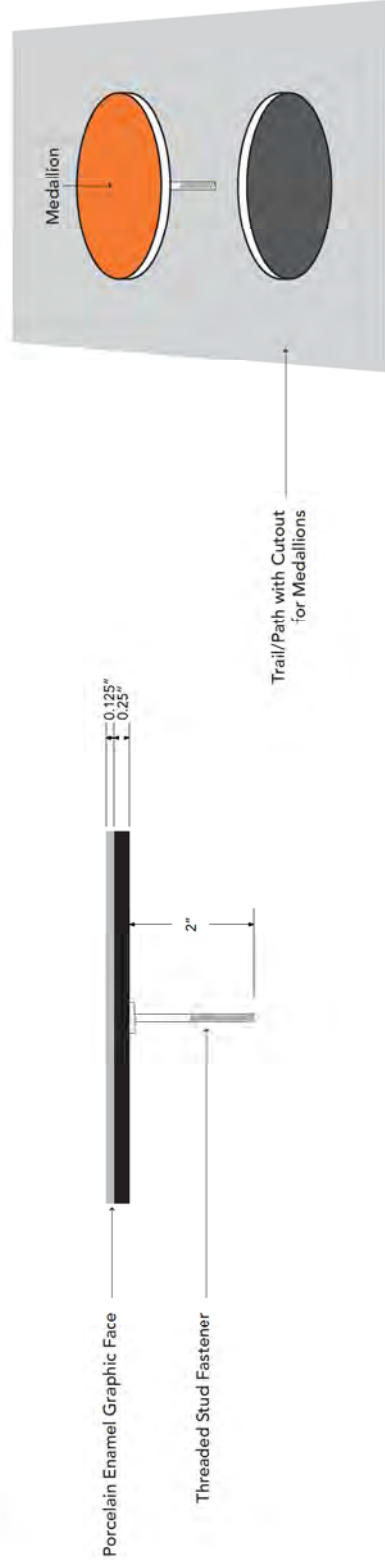


Final Park Graphics & Text TBD by City

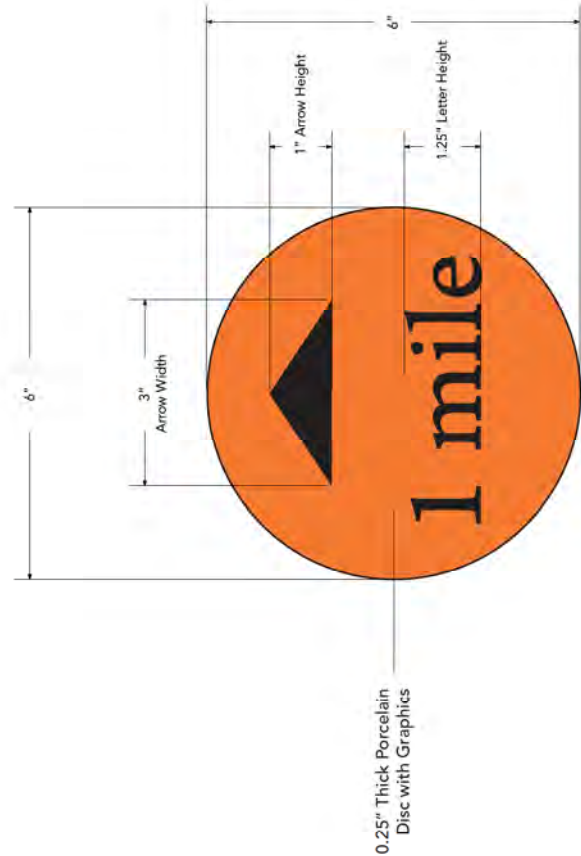


AECOM	Wayfinding System - Sign Details	Sign H — Park Rules 60222066.001 Sunrise	Scale: NTS Note: Drawing scale shown on plans is accurate for full size plans only. AECOM is not responsible for scale discrepancies caused by reduced size plans.	Description: Park Rules	Original Issue Date: 2012.04.04	Revisions:	These drawings express visual design intent only. Final engineering, materials, and fabrication shall remain the responsibility of the fabricator. The content of this document is subject to the design intent requirements outlined in the Specifications.	Contact: Environmental Graphics/Wayfinding AECOM 407-843-4552 150 N Orange Avenue, Suite 200 Orlando, Florida 32801	Project Team: JMM SPC SLM Drawn By: SPC
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DETAILS



<p>3M SCOTCHLITE™ REFLECTIVE VINYL</p> <p>C-1 Light Blue 680-76</p> <p>C-2 White 5100R-10</p>	
<p>3M SCOTCHCAL™ OPAQUE VINYL</p> <p>C-3 Apple Green 7725-196</p> <p>C-4 Light Orange 7725-54</p>	
<p>Note: All surfaces with vinyl shall be finished with 3M Premium Protective Overlay Film Series 1160</p>	
<p>MATTHEWS PAINT AUTOMOTIVE GRADE</p> <p>C-5 Sailboat Blue MP 02160</p> <p>C-6 Plastic Pumpkin MP00853</p> <p>C-7 Ophios Green MP15184</p> <p>C-8 Steel Alloy Metallic MP46017</p> <p>C-9 White Wonder MP32071</p>	
<p>Note: All painted surfaces shall be finished with Matthews Paint Anti-Graffiti Clear Coat</p>	



Wayfinding System - Sign Details

Sign J — Mile Marker Medallions
60222066.001 Sunrise

Scale: NTS

Note: Drawing scale shown on plans is accurate for full size plans only. AECOM is not responsible for scale discrepancies caused by reduced size plans.

Description:
Mile Marker Medallions

Original Issue Date: 2012.04.04

Revisions:

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AECOM
407-843-4552
150 N Orange Avenue, Suite 200
Orlando, Florida 32801

Project Team:
JMM
SPC
SLM

Drawn By: SPC

COLORS & MATERIALS



C-5

C-9

C-6

C-7

0.75" Thick Painted Aluminum Panel

Existing Sign with Reprint and Face

C-5

C-9

C-5

C-5

C-5

<p>3M SCOTCHLITE™ REFLECTIVE VINYL</p> <p>C-1 Light Blue 680-76</p> <p>C-2 White 5100R-10</p> <p>3M SCOTCHCAL™ OPAQUE VINYL</p> <p>C-3 Apple Green 7725-196</p> <p>C-4 Light Orange 7725-54</p> <p>Note: All surfaces with vinyl shall be finished with 3M Premium Protective Overlay Film Series 1160</p>	<p>MATTHEWS PAINT AUTOMOTIVE GRADE</p> <p>C-5 Sailboat Blue MP 02160</p> <p>C-6 Plastic Pumpkin MP00853</p> <p>C-7 Ophios Green MP15184</p> <p>C-8 Steel Alloy Metallic MP46017</p> <p>C-9 White Wonder MP32071</p> <p>Note: All painted surfaces shall be finished with Matthews Paint Anti-Graffiti Clear Coat</p>
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<p>AECOM</p>	
<p>Wayfinding System - Sign Details</p>	
<p>Sign J — Park Entry Feature 60222066.001 Sunrise</p>	
<p>Scale: NTS</p> <p>Note: Drawing scale shown on plans is accurate for full size plans only. AECOM is not responsible for scale discrepancies caused by reduced size plans.</p>	<p>Description: Park Entry Feature</p>
<p>Original Issue Date: 2012.04.04</p>	<p>Revisions:</p>
<p>These drawings express visual design intent only. Final engineering, materials, and fabrication shall remain the responsibility of the fabricator.</p> <p>The content of this document is subject to the design intent requirements outlined in the Specifications.</p>	
<p>Contact: Environmental Graphics/Wayfinding AECOM 407-843-4552 150 N Orange Avenue, Suite 200 Orlando, Florida 32801</p>	<p>Project Team: JMM SPC SLM</p> <p>Drawn By: SPC</p>

Wayfinding System - Sign Details

Sign J — Park Entry Feature
60222066.001 Sunrise

Scale: NTS

Note: Drawing scale shown on plans is accurate for full size plans only. AECOM is not responsible for scale discrepancies caused by reduced size plans.

Description:
Park Entry Feature

Original Issue Date: 2012.04.04

Revisions:

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The content of this document is subject to the design intent requirements outlined in the Specifications.

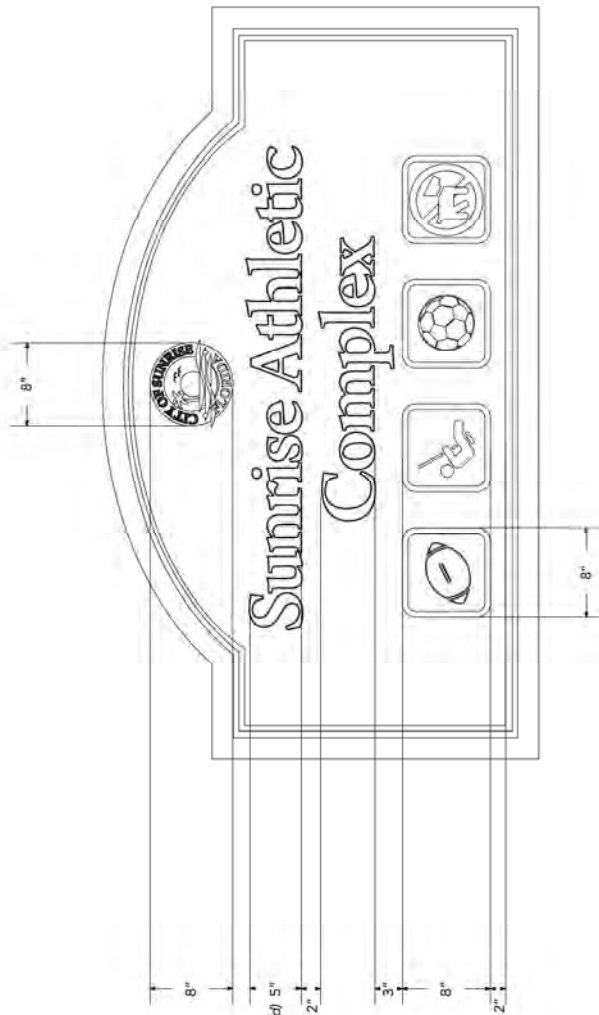
Contact:
Environmental Graphics/Wayfinding
AECOM
407-843-4552
150 N Orange Avenue, Suite 200
Orlando, Florida 32801

Project Team:
JMM
SPC
SLM

Drawn By: SPC



City of Sunrise Logo



VISION | City of Sunrise Leisure Services

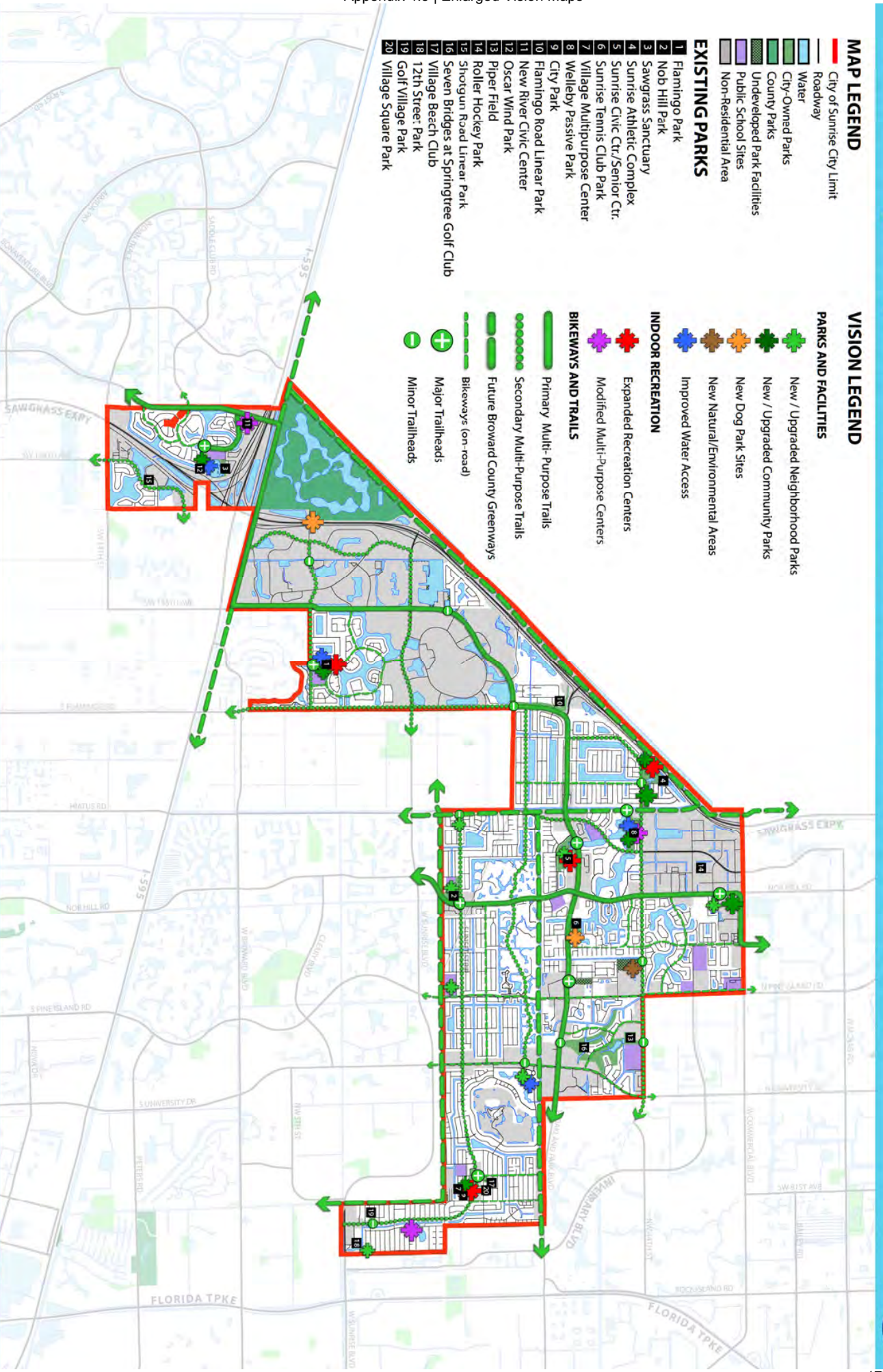


MAP LEGEND

- City of Sunrise City Limit
 - Roadway
 - Water
 - City-Owned Parks
 - County Parks
 - Undeveloped Park Facilities
 - Public School Sites
 - Non-Residential Area
- ## EXISTING PARKS
- 1 Flamingo Park
 - 2 Nob Hill Park
 - 3 Sawgrass Sanctuary
 - 4 Sunrise Athletic Complex
 - 5 Sunrise Civic Ctr./Senior Ctr.
 - 6 Sunrise Tennis Club Park
 - 7 Village Multipurpose Center
 - 8 Welleyby Passive Park
 - 9 City Park
 - 10 Flamingo Road Linear Park
 - 11 New River Civic Center
 - 12 Oscar Wind Park
 - 13 Piper Field
 - 14 Roller Hockey Park
 - 15 Shortgun Road Linear Park
 - 16 Seven Bridges at Springtree Golf Club
 - 17 Village Beach Club
 - 18 12th Street Park
 - 19 Golf Village Park
 - 20 Village Square Park

VISION LEGEND

- ### PARKS AND FACILITIES
- + New / Upgraded Neighborhood Parks
 - + New / Upgraded Community Parks
 - + New Dog Park Sites
 - + New Natural/Environmental Areas
 - + Improved Water Access
- ### INDOOR RECREATION
- + Expanded Recreation Centers
 - + Modified Multi-Purpose Centers
- ### BIKEWAYS AND TRAILS
- Primary Multi-Purpose Trails
 - Secondary Multi-Purpose Trails
 - Future Broward County Greenways
 - Bicycles (on-road)
 - + Major Trailheads
 - Minor Trailheads



AECOM



VISION | Bikeways and Trails



MINOR TRAILHEAD LOCATIONS:

9. Sunrise Water and Sewer Site (NW 8th St. and International Pkwy)
10. Fire Station #92 / Rowan Lake Park
11. Flamingo Road Linear Park
12. Sunrise Athletic Complex
13. Piper Field
14. Seven Bridges at Springtree Golf Club
15. Sunrise Lakes Park (undeveloped)
16. Sunrise Golf Village Park
17. Undeveloped Park Site (NW 44th St. and NW 92nd Ave.)
18. Undeveloped Park Site (Sunset Strip and Hiatus Rd.)

MAP LEGEND

- City of Sunrise City Limit
- Roadway
- Water
- City-Owned Parks
- County Parks
- Undeveloped Park Facilities
- Public School Sites
- Non-Residential Area

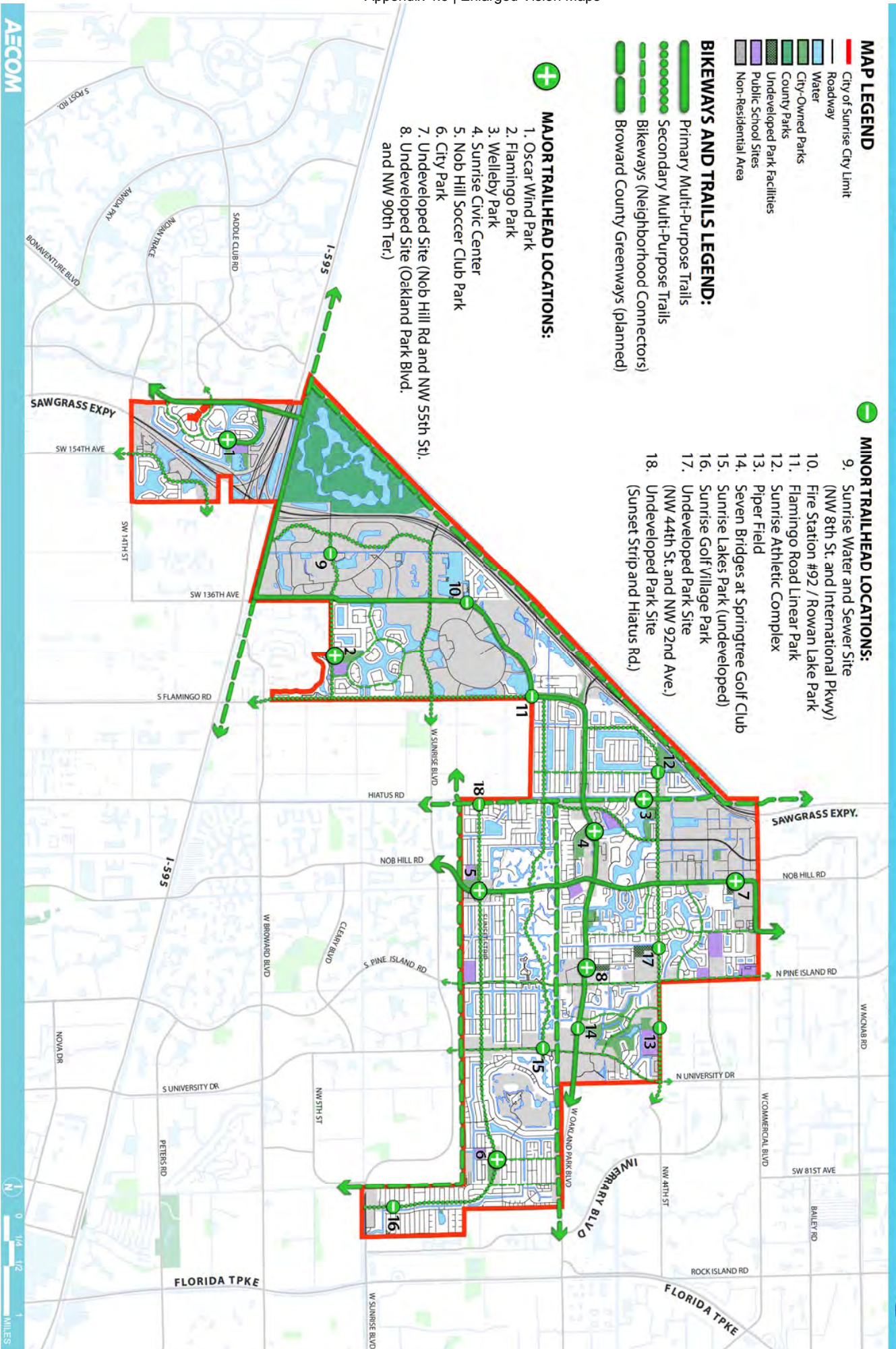
BIKEWAYS AND TRAILS LEGEND:

- Primary Multi-Purpose Trails
- Secondary Multi-Purpose Trails
- Bikeways (Neighborhood Connectors)
- Broward County Greenways (planned)



MAJOR TRAILHEAD LOCATIONS:

1. Oscar Wind Park
2. Flamingo Park
3. Wellieby Park
4. Sunrise Civic Center
5. Nob Hill Soccer Club Park
6. City Park
7. Undeveloped Site (Nob Hill Rd and NW 55th St.)
8. Undeveloped Site (Oakland Park Blvd. and NW 90th Ter.)



VISION | Community Parks



MAP LEGEND

- City of Sunrise City Limit
- Roadway
- Water
- City-Owned Parks
- County Parks
- Undeveloped Park Facilities
- Public School Sites
- Non-Residential Area

VISION LEGEND:



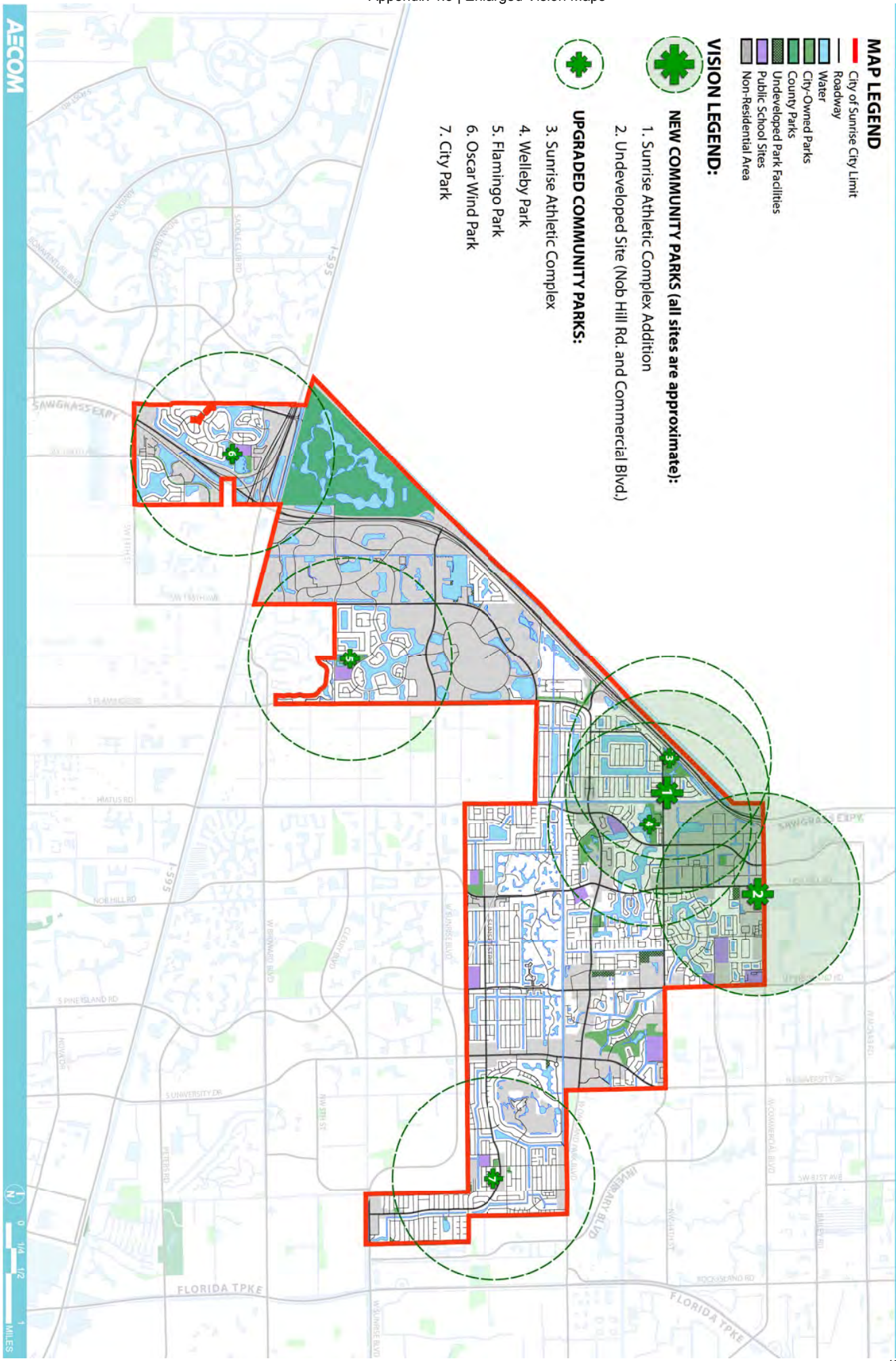
NEW COMMUNITY PARKS (all sites are approximate):

1. Sunrise Athletic Complex Addition
2. Undeveloped Site (Nob Hill Rd. and Commercial Blvd.)



UPGRADED COMMUNITY PARKS:

3. Sunrise Athletic Complex
4. Welleby Park
5. Flamingo Park
6. Oscar Wind Park
7. City Park



COMMUNITY | Recreation Center

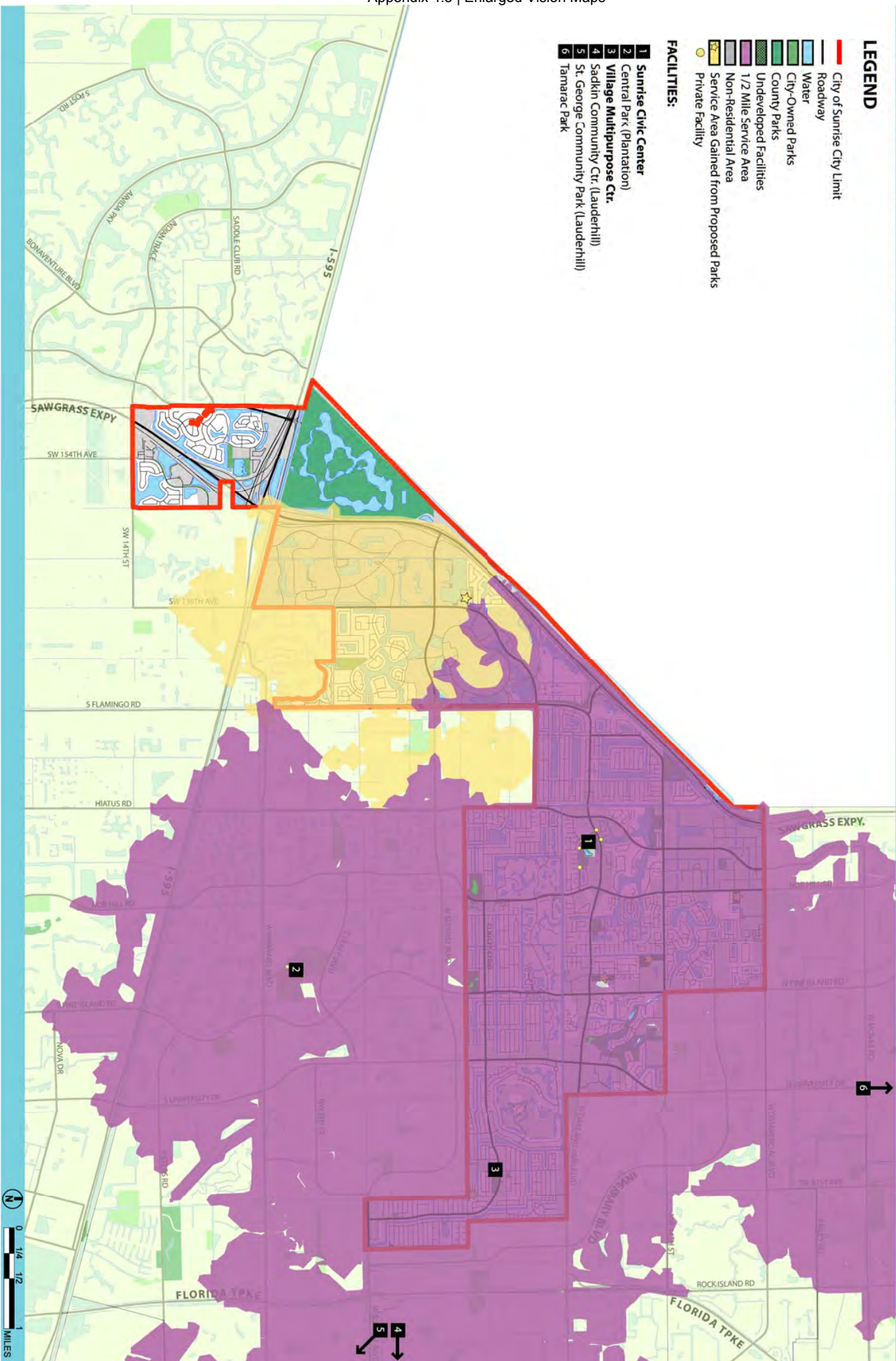
3 MILE SERVICE AREA OF PUBLIC FACILITIES

LEGEND

- City of Sunrise City Limit
- Roadway
- Water
- City-Owned Parks
- County Parks
- Undeveloped Facilities
- 1/2 Mile Service Area
- Non-Residential Area
- Service Area Gained from Proposed Parks
- Private Facility

FACILITIES:

- 1 Sunrise Civic Center
- 2 Central Park (Plantation)
- 3 Village Multipurpose Ctr.
- 4 Sadkin Community Ctr. (Lauderhill)
- 5 St. George Community Park (Lauderhill)
- 6 Tamarac Park



VISION | Dog Parks



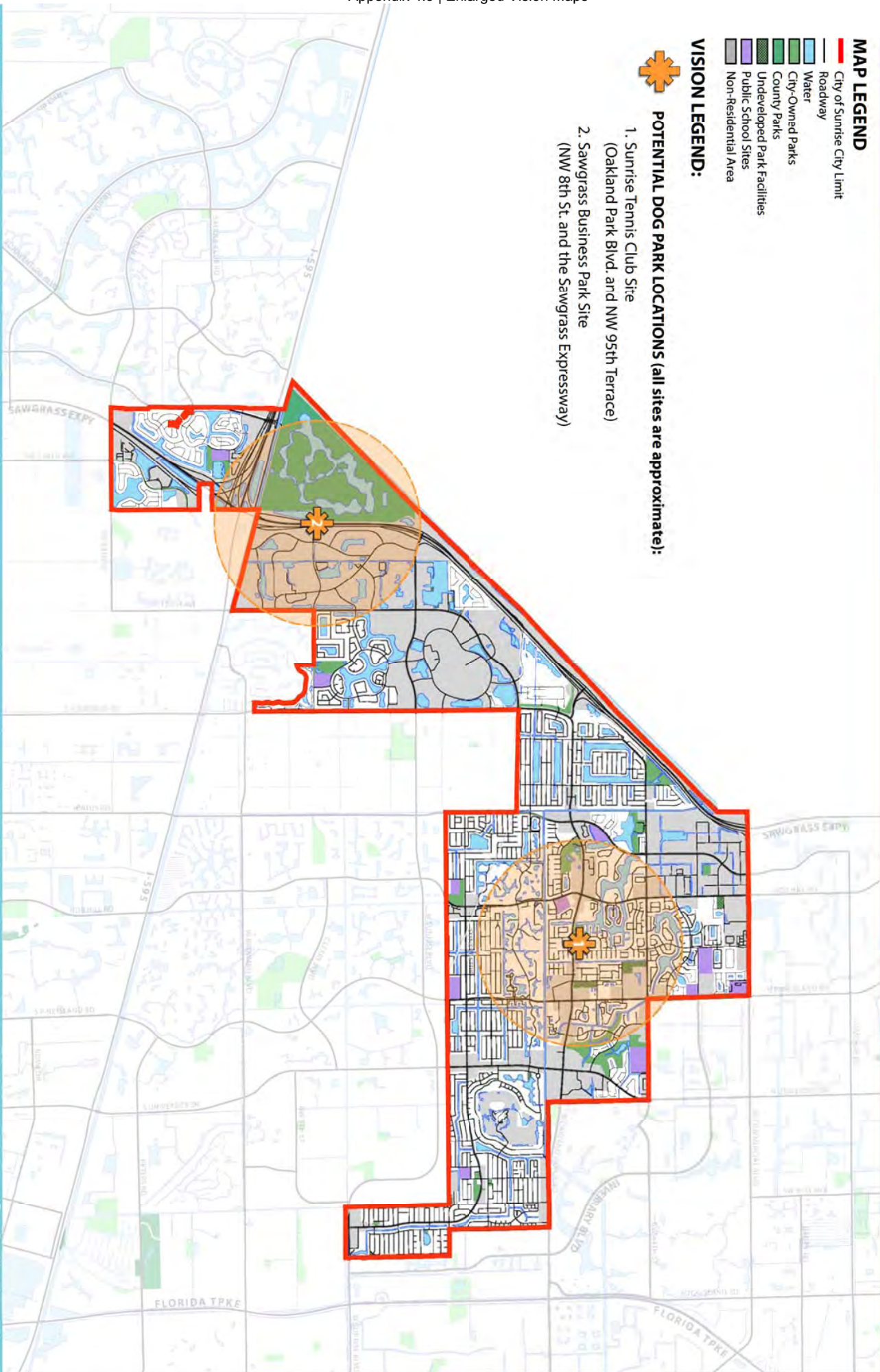
MAP LEGEND

- City of Sunrise City Limit
- Roadway
- Water
- City-Owned Parks
- County Parks
- Undeveloped Park Facilities
- Public School Sites
- Non-Residential Area

VISION LEGEND:



- POTENTIAL DOG PARK LOCATIONS (all sites are approximate):**
1. Sunrise Tennis Club Site (Oakland Park Blvd. and NW 95th Terrace)
 2. Sawgrass Business Park Site (NW 8th St. and the Sawgrass Expressway)



VISION | Indoor Recreation



MAP LEGEND

- City of Sunrise City Limit
- Roadway
- Water
- City-Owned Parks
- County Parks
- Undeveloped Park Facilities
- Public School Sites
- Non-Residential Area

VISION LEGEND:



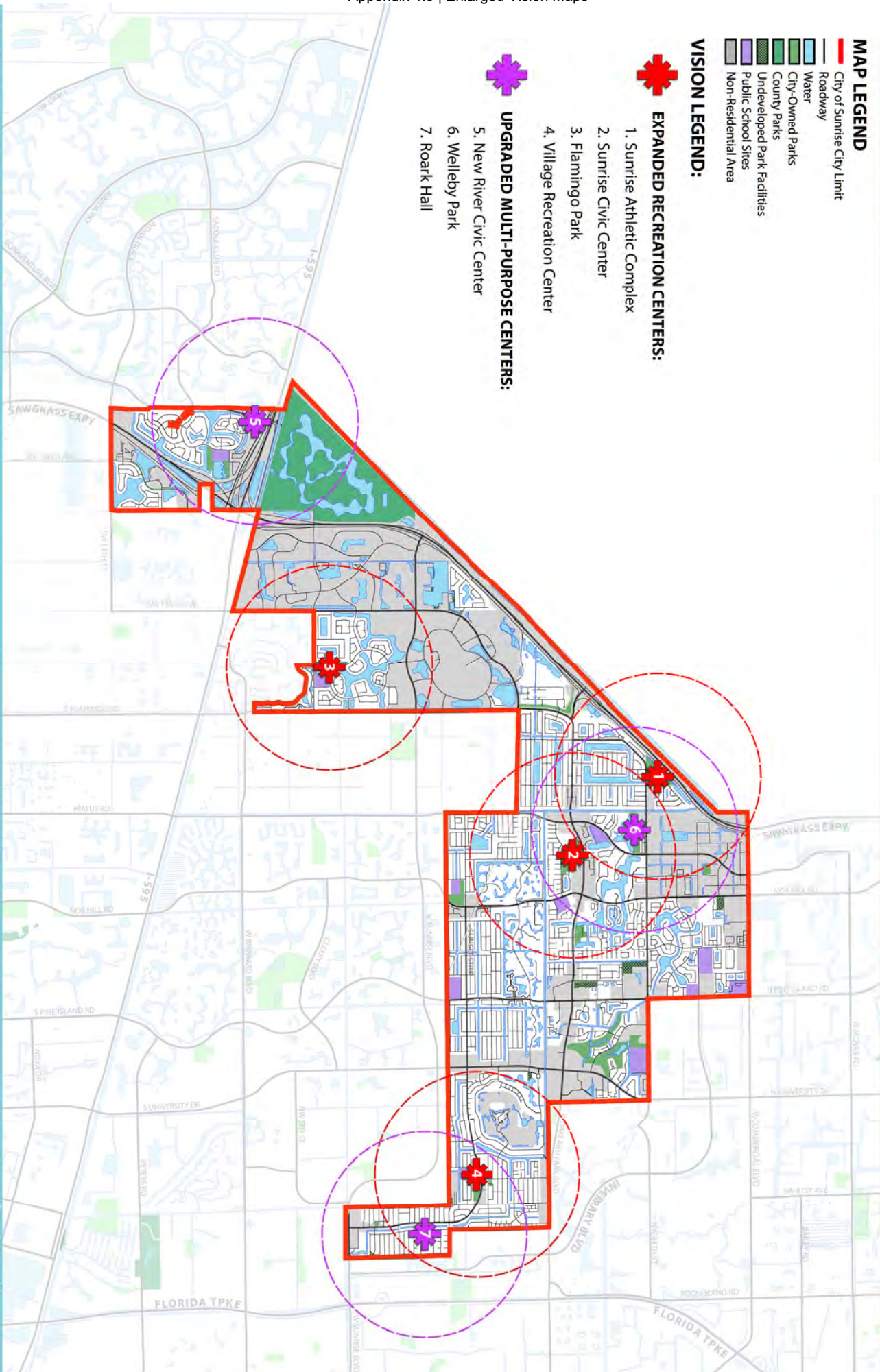
EXPANDED RECREATION CENTERS:

1. Sunrise Athletic Complex
2. Sunrise Civic Center
3. Flamingo Park
4. Village Recreation Center



UPGRADED MULTI-PURPOSE CENTERS:

5. New River Civic Center
6. Welleby Park
7. Roark Hall



VISION | Natural and Environmental Lands



MAP LEGEND

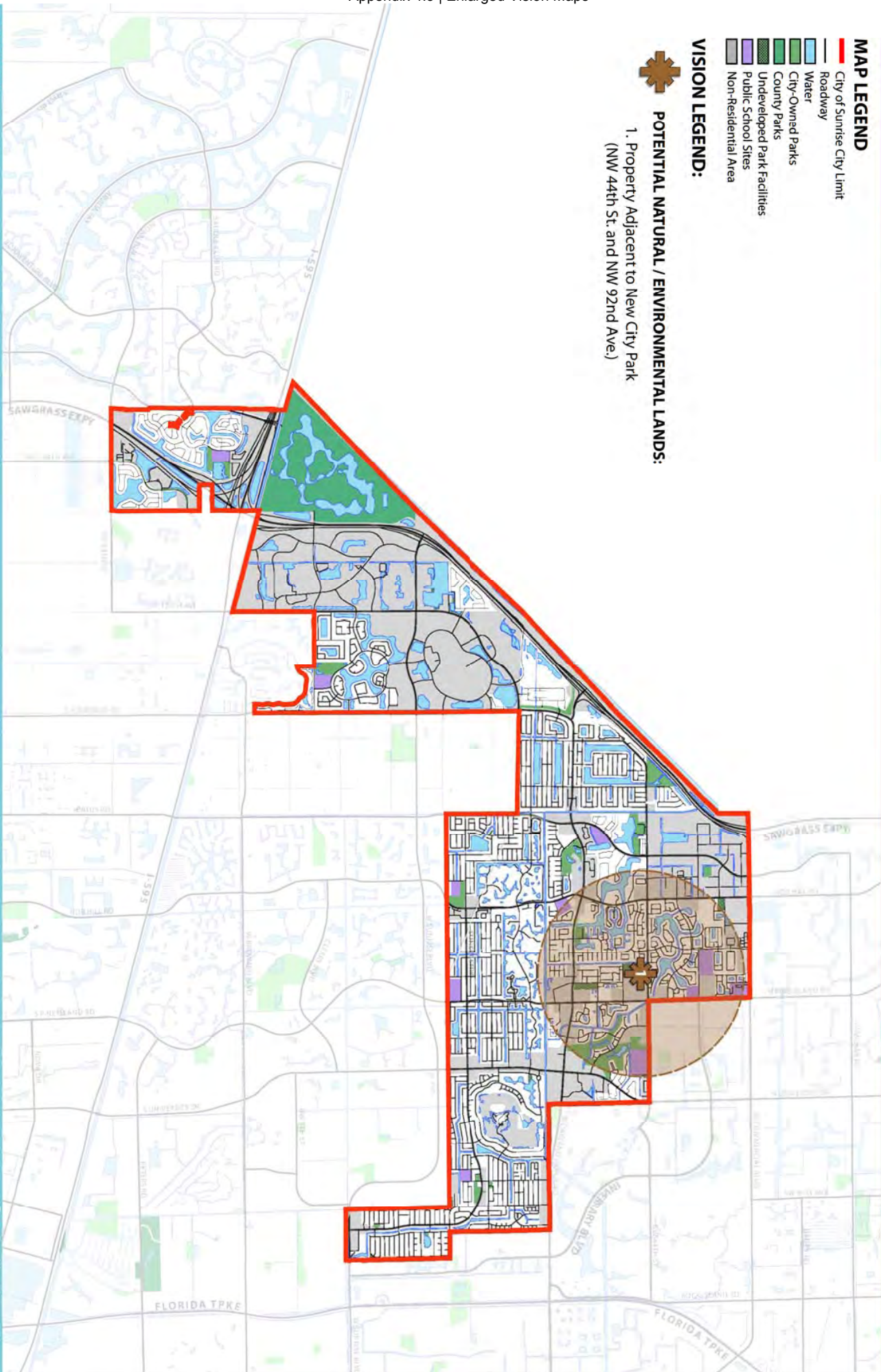
- City of Sunrise City Limit
- Roadway
- Water
- City-Owned Parks
- County Parks
- Undeveloped Park Facilities
- Public School Sites
- Non-Residential Area

VISION LEGEND:



POTENTIAL NATURAL / ENVIRONMENTAL LANDS:

1. Property Adjacent to New City Park
(NW 44th St. and NW 92nd Ave.)



VISION | Neighborhood Parks and Facilities



MAP LEGEND

- City of Sunrise City Limit
- Roadway
- Water
- City-Owned Parks
- County Parks
- Undeveloped Park Facilities
- Public School Sites
- Non-Residential Area

VISION LEGEND:



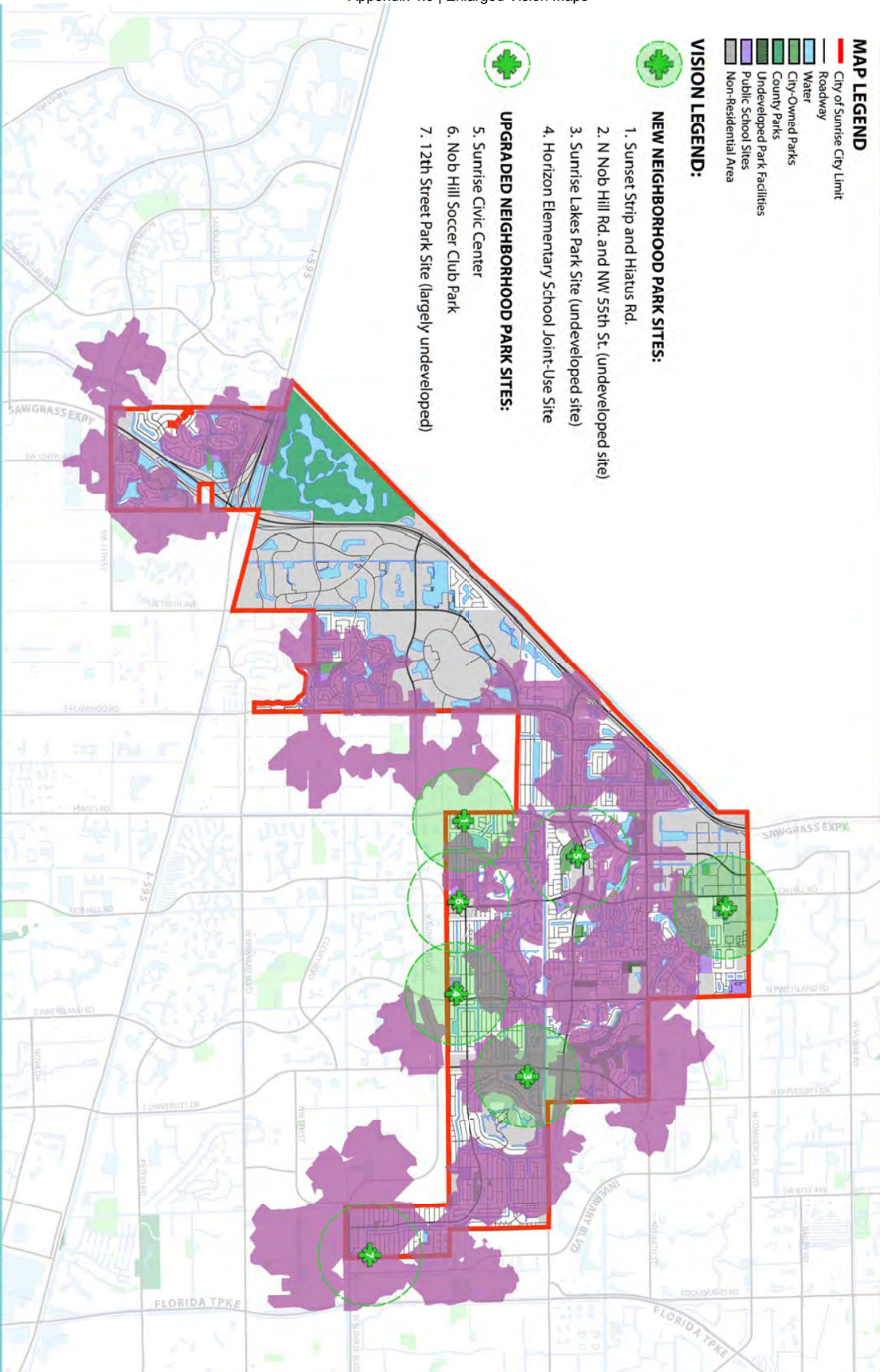
NEW NEIGHBORHOOD PARK SITES:

1. Sunset Strip and Hiatus Rd.
2. N Nob Hill Rd. and NW 55th St. (undeveloped site)
3. Sunrise Lakes Park Site (undeveloped site)
4. Horizon Elementary School Joint-Use Site



UPGRADED NEIGHBORHOOD PARK SITES:

5. Sunrise Civic Center
6. Nob Hill Soccer Club Park
7. 12th Street Park Site (largely undeveloped)



VISION | Improved Water Access



MAP LEGEND

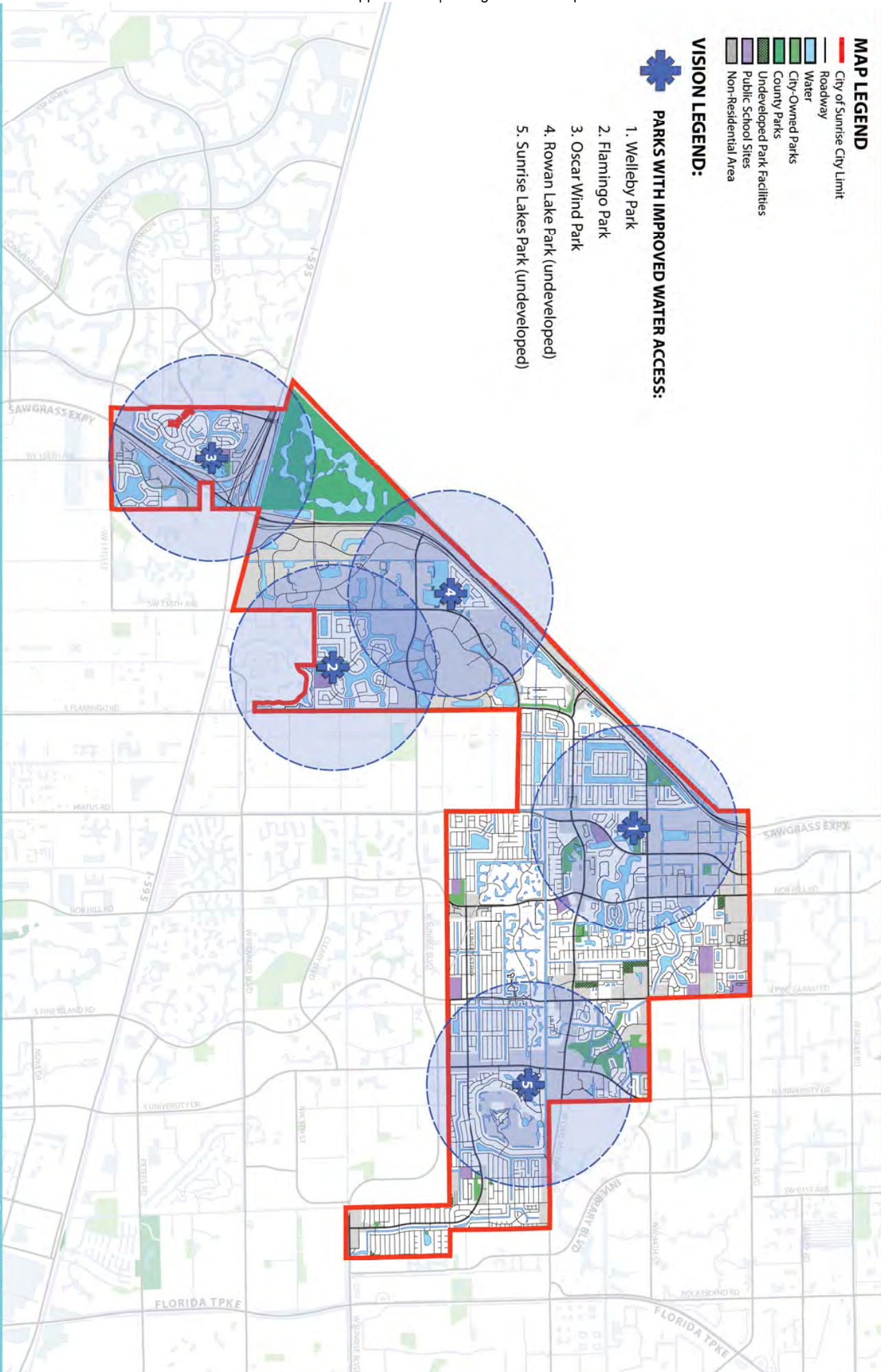
- City of Sunrise City Limit
- Roadway
- Water
- City-Owned Parks
- County Parks
- Undeveloped Park Facilities
- Public School Sites
- Non-Residential Area

VISION LEGEND:



PARKS WITH IMPROVED WATER ACCESS:

1. Welleby Park
2. Flamingo Park
3. Oscar Wind Park
4. Rowan Lake Park (undeveloped)
5. Sunrise Lakes Park (undeveloped)



City of Sunrise Leisure Services Master Plan				
August 2, 2013 AECOM, Inc.				
2.2. PARKS AND FACILITIES IMPROVEMENTS				
Item No.	Item Description	Unit Price	Total Price	Notes
2.2.2. NEIGHBORHOOD PARKS				
1. SUNSET STRIP PARK				
A	Site Prep	\$9,500.00	\$16,150	
B	Grading	\$5,800.00	\$9,860	Includes rough and fine grading across site
C	Utilities Service/Design Allowance	\$39,500.00	\$67,150	Allowance for stormwater and electric service/design
D	Public Art Allowance	\$5,000.00	\$8,500	Allowance for public art on-site
E	Walkways	\$4.00	\$49,200	5' sidewalks, concrete, 2 plazas
F	Pavilions (large)	\$55,000.00	\$55,000	20'x34', with four picnic tables and one trash each
G	Pavilions (small)	\$30,000.00	\$90,000	15'x15', with two picnic tables and one trash bin each
H	Playground	\$150,000.00	\$150,000	Small, neighborhood scale playground
I	Landscape	\$20,000.00	\$34,000	Trees, shrubs, groundcover, turf
J	Site Security Allowance	\$5,000.00	\$8,500	For incorporation of security technology (cameras, call boxes, monitors etc.)
K	Irrigation	\$15,000.00	\$25,500	For landscaped/turf areas
L	Contingency	\$102,772.00	\$102,772	20% contingency
M	Site Design Services Allowance	\$61,663.20	\$61,663	10% of approx. construction cost allowance for design services
	SUBTOTAL		\$678,295	<i>(Does not include permitting fees, utility service costs, stormwater, or land acquisition)</i>
2. UNDEVELOPED NORTH-CENTRAL PARK SITE				
A	Neighborhood Park Development	500,000.00	\$500,000	1-5 acres, incl. flexible green space, playground, paths, basketball court, pavilions
B	Site Design Services Allowance	\$50,000.00	\$50,000	10% of approx. construction cost allowance for design services
	SUBTOTAL		\$550,000	<i>(Does not include permitting fees, utility service costs, stormwater, or land acquisition)</i>
3. SUNRISE LAKES PARK				
A	Site Prep	\$9,500.00	\$11,020	
B	Grading	\$5,800.00	\$6,728	Includes rough and fine grading across site
C	Utilities Service/Design Allowance	\$39,500.00	\$45,820	Allowance for stormwater and electric service/design
D	Public Art Allowance	\$5,000.00	\$5,800	Allowance for public art on-site
E	Walkways/plazas	\$4.00	\$20,000	5' sidewalks, concrete, 1 waterfront plazas
F	Retaining Walls	\$150.00	\$10,500	Supporting elevated waterfront plaza
G	Trellis Structure	\$30,000.00	\$30,000	Small shade trellis by waterfront
H	Site Furnishings	\$15,000.00	\$15,000	Moveable tables and chairs, swings etc.
I	Solar Path Lighting	\$30,000.00	\$30,000	Pedestrian scale walkway lighting, solar/LED
J	Landscape	\$20,000.00	\$34,000	Trees, shrubs, groundcover, turf
K	Irrigation	\$15,000.00	\$25,500	For landscaped/turf areas
L	Site Security Allowance	\$5,000.00	\$5,800	For incorporation of security technology (cameras, call boxes, monitors etc.)
M	Contingency	\$48,033.60	\$48,034	20% contingency
N	Site Design Services Allowance	\$28,820.16	\$28,820	10% of approx. construction cost allowance for design services
	SUBTOTAL		\$317,022	<i>(Does not include permitting fees, utility service costs, stormwater, or land acquisition)</i>
4. HORIZON ELEMENTARY SCHOOL JOINT USE SITE				
A	Additional Fencing	30,000.00	\$30,000	Includes double-gates for shared-use areas
B	New Signage	10,000.00	\$10,000	Park entry/name, rules, regulations, hours, parking signage
C	Misc Site Improvements	50,000.00	\$50,000	As-necessary improvements such as resurfacing courts/fields, repairing equipment
D	Site Security Allowance	\$5,000.00	\$5,000	For incorporation of security technology (cameras, call boxes, monitors etc.)
E	Contingency	19,000.00	\$19,000	20% contingency
F	Site Design Services Allowance	\$11,400.00	\$11,400	10% of approx. construction cost allowance for design services
	SUBTOTAL		\$125,400	<i>(Does not include permitting fees, utility service costs, stormwater, or land acquisition)</i>
5. SUNRISE CIVIC CENTER				
A	Destination Playground	\$300,000.00	\$300,000	Large, "barrier-free" playground w/ shade structure
B	Looping Exercise Path	\$4.00	\$52,800	5' concrete path segments linking existing sidewalks to create an exercise loop
C	Multi-Purpose Sports Court	\$40,000.00	\$40,000	Hard-surface sports court for movable basketball goals, tennis nets, etc.
D	Site Security Allowance	\$5,000.00	\$5,000	For incorporation of security technology (cameras, call boxes, monitors etc.)
E	Contingency	\$79,560.00	\$79,560	20% contingency
F	Site Design Services Allowance	\$47,736.00	\$47,736	10% of approx. construction cost allowance for design services
	SUBTOTAL		\$525,096	<i>(Does not include permitting fees, utility service costs, stormwater, or land acquisition)</i>
6. JOINT-USE PLAYGROUND AT NOB HILL SOCCER CLUB PARK				
A	Fence Modifications	\$3,000.00	\$3,000	Installation of a double-gate to allow access from the park
B	Signage Allowance	\$1,000.00	\$1,000	Addition of regulatory signage for security, rules, hours, etc.
C	Playground Equipment	\$50,000.00	\$50,000	Improvements to the existing playground for new equipment, accessibility, etc.
D	Playground Safety Surfacing	\$25.00	\$75,000	Upgraded, accessible poured in place rubberized surface, same sq./ft. as existing
E	Additional Sidewalks	\$4.00	\$3,600	5' concrete sidewalk linking playground area to Soccer Club Park
F	Site Furnishings	\$10,000.00	\$10,000	Benches, picnic tables, trash bins
G	Shade Canopy	\$75,000.00	\$75,000	Shade sails over playground area
H	Site Security Allowance	\$5,000.00	\$5,000	For incorporation of security technology (cameras, call boxes, monitors etc.)
I	Contingency	\$44,520.00	\$44,520	20% contingency
J	Site Design Services Allowance	\$26,712.00	\$26,712	10% of approx. construction cost allowance for design services
	SUBTOTAL		\$293,832	<i>(Does not include permitting fees, utility service costs, stormwater, or land acquisition)</i>
7. 12TH STREET PARK				
A	Site Prep	\$9,500.00	\$2,850	

B	Grading	\$5,800.00	\$1,740	Includes rough and fine grading across site
C	Utilities Service/Design Allowance	\$39,500.00	\$11,850	Allowance for stormwater and electric service/design
D	Public Art Allowance	\$5,000.00	\$1,500	Allowance for public art on-site
E	Walkways	\$4.00	\$3,500	5' concrete sidewalk linking to existing network along west side of parcel
F	Cross-Walks	\$5.00	\$2,500	Three crosswalks linking existing sidewalk network to park
G	Pavilions (small)	\$30,000.00	\$30,000	15'x15', with two picnic tables and one trash bin each
H	Playground	\$150,000.00	\$150,000	Small, neighborhood scale playground
I	Basketball Court	\$30,000.00	\$30,000	May be 1/2 size, if site requires
J	Landscape	\$20,000.00	\$6,000	Trees, shrubs, groundcover, turf
K	Irrigation	\$15,000.00	\$4,500	For landscaped/turf areas
L	Site Security Allowance	\$5,000.00	\$5,000	For incorporation of security technology (cameras, call boxes, monitors etc.)
M	Contingency	\$49,888.00	\$49,888	20% contingency
N	Site Design Services Allowance	\$29,932.80	\$29,933	10% of approx. construction cost allowance for design services
	SUBTOTAL		\$329,261	<i>(Does not include permitting fees, utility service costs, stormwater, or land acquisition)</i>

NEIGHBORHOOD PARKS SUBTOTAL \$2,818,906

2.2.3. DOG PARKS

1. OAKLAND PARK BLVD DOG PARK

A	Site Prep	\$9,500.00	\$23,940	
B	Grading	\$5,800.00	\$14,616	Includes rough and fine grading across site
C	Utilities Service/Design Allowance	\$58,000.00	\$146,160	Allowance for stormwater, sewer, potable water, and electric service/design
D	Public Art Allowance	\$5,000.00	\$12,600	Allowance for public art on-site
E	Restroom Building	\$250.00	\$300,000	1,200 s.f., restroom and storage building
F	Walkways	\$4.00	\$5,600	5' sidewalks, concrete, 2 plazas
G	Pavilions (large)	\$55,000.00	\$55,000	20'x34', with four picnic tables and one trash each
H	Pavilions (small)	\$30,000.00	\$60,000	15'x15', with two picnic tables and one trash bin each
I	Parking Lot Paving	\$30.00	\$61,800	Asphalt paving and base material
J	Fencing	\$15.00	\$18,000	4' Ornamental, aluminum picket fence
K	Site Furnishings	\$10,000.00	\$10,000	Picnic tables, park benches, umbrellas etc.
L	Parking Lot Lighting	\$25,000.00	\$25,000	Standard pole-mounted shoebox fixtures, DNI electrical service
M	Dog Water Stations	\$4,500.00	\$9,000	One water fountain per dog area
N	Small Dock/Pier	\$250.00	\$6,250	10' elevated timber boardwalk/pier
O	Landscape	\$20,000.00	\$42,000	Trees, shrubs, groundcover, turf
P	Irrigation	\$15,000.00	\$31,500	For landscaped/turf areas
Q	Land Acquisition	\$680,000.00	\$680,000	Estimated land value (Source: Broward County Property Appraiser)
R	Site Security Allowance	\$5,000.00	\$12,600	For incorporation of security technology (cameras, call boxes, monitors etc.)
S	Contingency	\$302,813.20	\$302,813	20% contingency
T	Site Design Services Allowance	\$181,687.92	\$181,688	10% of approx. construction cost allowance for design services
	SUBTOTAL		\$1,998,567	<i>(Does not include permitting fees, utility service costs, or stormwater)</i>

2. SAWGRASS BUSINESS PARK SITE: "PAWGRASS BARKWAY"

A	Site Prep	\$9,500.00	\$16,150	
B	Grading	\$5,800.00	\$9,860	Includes rough and fine grading across site
C	Utilities Service/Design Allowance	\$50,500.00	\$85,850	Allowance for stormwater, potable water, and electric service/design
D	Public Art Allowance	\$5,000.00	\$8,500	Allowance for public art on-site
E	Plaza Paving	\$6.00	\$12,000	Colored-concrete plaza paving
F	Pavilions (large)	\$55,000.00	\$110,000	20'x34', with four picnic tables and one trash each
G	Spray/Splash Fountain	\$75,000.00	\$75,000	Small spray/splash pad
H	Canine Agility Equipment	\$2,000.00	\$2,000	Portable canine agility equipment
I	Fencing	\$15.00	\$9,000	4' Ornamental, aluminum picket fence (existing DOT safety fencing to remain)
J	Site Furnishings	\$10,000.00	\$10,000	Picnic tables, park benches, umbrellas etc.
K	Dog Water Stations	\$4,500.00	\$4,500	One water fountain per dog area, DNI water service costs
L	Signage	\$15,000.00	\$15,000	Entry and regulatory signage
M	Pedestrian Site Lighting	\$75,000.00	\$75,000	Allowance for pedestrian-scale lighting
N	Landscape	\$20,000.00	\$34,000	Trees, shrubs, groundcover, turf
O	Irrigation	\$15,000.00	\$25,500	Estimated land value (Source: Broward County Property Appraiser)
P	Site Security Allowance	\$5,000.00	\$8,500	For incorporation of security technology (cameras, call boxes, monitors etc.)
Q	Contingency	\$100,172.00	\$100,172	20% contingency
R	Site Design Services Allowance	\$60,103.20	\$60,103	10% of approx. construction cost allowance for design services
	SUBTOTAL		\$661,135	<i>(Does not include permitting fees, utility service costs, stormwater, or land acquisition)</i>

DOG PARKS SUBTOTAL \$2,659,702

2.2.4. INDOOR RECREATION

1. EXPANDED RECREATION CENTERS

A	Sunrise Athletic Center	\$250.00	\$3,750,000	***Costs captured in Section 2.2.3***
B	Sunrise Civic Center	\$250.00	\$1,000,000	Expansion of existing recreation center
C	Village Multi-Purpose Center	\$2,825,000.00	\$2,825,000	***Costs captured in Section 2.2.8***
D	Flamingo Park	\$250.00	\$3,750,000	***Costs captured in Section 2.2.8***
E	Contingency	\$2,265,000.00	\$2,265,000	20% contingency
	SUBTOTAL		\$13,590,000	<i>(Does not include permitting fees, utility service costs, stormwater, or land acquisition)</i>

2. UPGRADED MULTI-PURPOSE CENTERS

A	New River Civic Center	\$50,000.00	\$50,000	Retro-fit existing structure to accommodate programming, multi-purpose rooms etc.
B	Welleby Park	\$50,000.00	\$50,000	***Costs captured in Section 2.2.8***
C	Roarke Hall	\$50,000.00	\$50,000	Retro-fit existing structure to accommodate programming, multi-purpose rooms etc.
D	Contingency	\$30,000.00	\$30,000	20% contingency
	SUBTOTAL		\$180,000	<i>(Does not include permitting fees, utility service costs, stormwater, or land acquisition)</i>

INDOOR RECREATION SUBTOTAL		\$13,770,000	<i>(Portion of costs captured in Sections 2.2.3 and 2.2.8)</i>
2.2.5. COMMUNITY PARKS			
1. SUNRISE ATHLETIC COMPLEX RE-DESIGN AND EXPANSION			
A	Site Prep	\$9,500.00	\$203,775 60% of site
B	Grading	\$5,800.00	\$124,410 Includes rough and fine grading across 60% of the site
C	Utilities Service/Design Allowance	\$58,000.00	\$1,244,100 Allowance for stormwater, sewer, potable water, and electric service/design
D	Public Art Allowance	\$5,000.00	\$107,250 Allowance for public art on-site
E	Walkways/Plazas	\$4.00	\$282,000 8' concrete sidewalks and concrete plazas (estimated)
F	Pavilions (large)	\$55,000.00	\$110,000 20'x34', with four picnic tables and one trash each
G	Pavilions (small)	\$30,000.00	\$420,000 15'x15', with two picnic tables and one trash bin each
H	Parking Lot Re-Pave	\$5.50	\$18,150 Resurface existing northern parking lot
I	Parking Lots (new)	\$30.00	\$924,000 Asphalt paving and base material
J	Perimeter Fencing	\$15.00	\$45,000 New FPL parcel only
K	Site Furnishings	\$50,000.00	\$50,000 Picnic tables, park benches, umbrellas etc.
L	Parking Lot Lighting	\$200,000.00	\$200,000 Allowance, standard pole-mounted shoebox fixtures, DNI electrical service
M	Pedestrian Bridge	\$50,000.00	\$100,000 Pedestrian bridges over canal (1 existing to remain)
N	Destination Playground	\$400,000.00	\$400,000 Barrier-free playground, including surfacing and shade sail
O	Splash Pad	\$150,000.00	\$150,000 Small splash pad
P	Tournament Football/Soccer Field	\$2,000,000.00	\$2,000,000 Synthetic turf, bleachers, press-box, lighting
Q	Tournament Baseball Diamond	\$1,500,000.00	\$1,500,000 Synthetic turf, bleachers, press-box, lighting
R	Football/Soccer Fields	\$80,000.00	\$240,000 Regulation turf fields
S	Tennis Courts	\$40,000.00	\$160,000 Regulation courts, paved surface
T	Basketball Courts	\$30,000.00	\$180,000 Regulation courts, paved surface
U	Sports Lighting	\$1,580,000.00	\$1,580,000 Lighting costs for (4) full-size football/soccer fields, (4) tennis cts. (6) basketball cts.
V	Pedestrian Site Lighting	\$200,000.00	\$200,000 Allowance for pedestrian-scale lighting, incl. parking areas
W	Landscape	\$20,000.00	\$352,000 Trees, shrubs, groundcover, turf for 50% of site
X	Irrigation	\$15,000.00	\$264,000 50% of the site, connect to existing where feasible
Y	Indoor Recreation Center	\$250.00	\$3,750,000 15,000 s.f. indoor recreation center, new construction
Z	Land Acquisition	\$2,600,000.00	\$2,600,000 Estimated land value <i>(Source: Broward County Property Appraiser)</i>
AA	Site Security Allowance	\$5,000.00	\$107,250 For incorporation of security technology (cameras, call boxes, monitors etc.)
BB	Contingency	\$3,462,387.00	\$3,462,387 20% contingency
CC	Site Design Services Allowance	\$1,454,202.54	\$1,454,203 7 % of approx. construction cost allowance for design services
SUBTOTAL		\$22,228,525	<i>(Does not include permitting fees, utility service costs, or stormwater)</i>
2. UNDEVELOPED PARCEL (NOB HILL RD. AND COMMERCIAL BLVD)			
A	Site Prep	\$9,500.00	\$149,150 100% of site
B	Grading	\$5,800.00	\$91,060 Includes rough and fine grading across the site
C	Utilities Service/Design Allowance	\$58,000.00	\$910,600 Allowance for stormwater, sewer, potable water, and electric service/design
D	Public Art Allowance	\$5,000.00	\$78,500 Allowance for public art on-site
E	Walkways/Plazas	\$4.00	\$196,000 5' and 10' concrete sidewalks and concrete plazas
F	Pavilions (large)	\$55,000.00	\$110,000 20'x34', with four picnic tables and one trash each
G	Pavilions (small)	\$30,000.00	\$270,000 15'x15', with two picnic tables and one trash bin each
H	Parking Lot Paving	\$30.00	\$229,800 Asphalt paving and base material
I	Perimeter Fencing	\$15.00	\$45,000 4' Ornamental fence
J	Site Furnishings	\$50,000.00	\$50,000 Picnic tables, park benches, umbrellas etc.
K	Parking Lot Lighting	\$150,000.00	\$150,000 Allowance, standard pole-mounted shoebox fixtures, DNI electrical service
L	Playground	\$150,000.00	\$300,000 Small/Medium Barrier-free playground, including surfacing and shade sail
M	Adult Football/Soccer Field	\$80,000.00	\$160,000 Natural turf fields
N	Adult Baseball/Softball Diamond	\$150,000.00	\$300,000 Natural turf, bleachers, dug-outs
O	Youth Baseball/Softball Diamond	\$80,000.00	\$160,000 Natural turf, bleachers, dug-outs
P	Maintenance Building	\$150.00	\$300,000 Small storage building
Q	Sports Lighting	\$1,240,000.00	\$1,240,000 Lighting costs for 2 football/soccer fields, 2 adult baseball, 2 youth baseball
R	Pedestrian Site Lighting	\$75,000.00	\$75,000 Allowance for pedestrian-scale lighting
S	Landscape	\$20,000.00	\$282,000 Trees, shrubs, groundcover, turf for 50% of site
T	Irrigation	\$15,000.00	\$211,500 50% of the site, connect to existing where feasible
U	Land Acquisition	\$4,750,000.00	\$4,750,000 Estimated land value <i>(Source: Broward County Property Appraiser)</i>
V	Site Security Allowance	\$5,000.00	\$78,500 For incorporation of security technology (cameras, call boxes, monitors etc.)
W	Contingency	\$2,027,422.00	\$2,027,422 20% contingency
X	Site Design Services Allowance	\$851,517.24	\$851,517 7 % of approx. construction cost allowance for design services
SUBTOTAL		\$13,016,049	<i>(Does not include permitting fees, utility service costs, or stormwater)</i>
COMMUNITY PARKS SUBTOTAL		\$35,244,574	
2.2.6. NATURAL LANDS			
1. FUTURE PARK NATURAL LANDS EXPANSION			
A	Site Prep	\$9,500.00	\$57,000 Includes removing exotic species
B	Grading	\$5,800.00	\$5,800 Includes rough and fine grading for parking lot area only
C	Public Art Allowance	\$5,000.00	\$30,000 Allowance for public art on-site
D	Aggregate Walkways	\$1.00	\$10,000 5' natural surface aggregate paths
E	Boardwalk	\$200.00	\$80,000 8' low timber boardwalk, no railings
F	Pavilions (large)	\$55,000.00	\$55,000 20'x34', with four picnic tables and one trash each
G	Pavilions (small)	\$30,000.00	\$60,000 15'x15', with two picnic tables and one trash bin each
H	Parking Lot Paving	\$45.00	\$135,000 Pervious asphalt paving and base material
I	Fencing	\$15.00	\$12,000 4' Ornamental, aluminum picket fence on eastern edge of site
J	Site Furnishings	\$10,000.00	\$10,000 Picnic tables, park benches, umbrellas etc.
K	Parking Lot Lighting	\$15,000.00	\$15,000 Standard pole-mounted shoebox fixtures, DNI electrical service

L	Interpretative Signage/Exhibits	\$10,000.00	\$10,000	Educational signage and exhibits on native flora/fauna
M	Landscape	\$20,000.00	\$60,000	Planting of additional native trees, shrubs, and groundcover
N	Land Acquisition	\$1,300,000.00	\$1,300,000	Estimated land value (Source: Broward County Property Appraiser)
O	Site Security Allowance	\$5,000.00	\$30,000	For incorporation of security technology (cameras, call boxes, monitors etc.)
P	Contingency	\$373,960.00	\$373,960	20% contingency
Q	Site Design Services Allowance	\$157,063.20	\$157,063	7 % of approx. construction cost allowance for design services
	SUBTOTAL		\$2,400,823	(Does not include permitting fees, utility service costs, or stormwater)

NATURAL LANDS SUBTOTAL \$2,400,823

2.2.7. IMPROVED WATER ACCESS

1. WELLEBY PARK

A	Fishing Piers	\$300.00	\$30,000	(2) 12' wide x 50' timber piers on wood pilings, w/ railings
B	Grading	\$5,800.00	\$52,200	Includes regrading existing lake bank edge
C	Canoe/Kayak Launch	\$15,000.00	\$15,000	Small, non-motorized boat launch
D	Contingency	\$19,440.00	\$19,440	20% contingency
	SUBTOTAL		\$116,640	***Costs captured in Section 2.2.8***

2. FLAMINGO PARK

A	Grading	\$5,800.00	\$103,240	Includes rough and fine grading for disturbed areas, balance cut/fill for new pond
B	Fishing Piers	\$300.00	\$18,000	(2) 12' wide x 30' timber piers on wood pilings, w/ railings
C	Canoe/Kayak Launch	\$15,000.00	\$15,000	Non-motorized boat launch area on new pond
D	Canoe/Kayak Launch	\$15,000.00	\$15,000	Small, non-motorized boat launch
E	Contingency	\$30,248.00	\$30,248	20% contingency
	SUBTOTAL		\$181,488	***Costs captured in Section 2.2.8***

3. OSCAR WIND PARK

A	Grading	\$5,800.00	\$5,510	Includes rough and fine grading for lake edge (balance cut and fill)
B	Fishing Pier	\$300.00	\$9,000	12' wide x 30' timber piers on wood pilings, w/ railings
C	Canoe/Kayak Launch	\$15,000.00	\$15,000	Non-motorized boat launch area
D	Contingency	\$5,902.00	\$5,902	20% contingency
	SUBTOTAL		\$35,412	***Costs captured in Section 2.2.8***

4. ROWAN LAKE PARK

A	Pavilions (small)	\$30,000.00	\$60,000	15'x15', with two picnic tables and one trash bin each
B	Canoe/Kayak Launch	\$15,000.00	\$15,000	Non-motorized boat launch area
C	Contingency	\$15,000.00	\$15,000	20% contingency
	SUBTOTAL		\$90,000	(Does not include permitting fees, utility service costs, or stormwater)

5. SUNRISE LAKES PARK

A	Grading	\$5,800.00	\$6,728	Includes rough and fine grading across site
B	Walkways/plazas	\$4.00	\$20,000	5' sidewalks, concrete, 1 waterfront plazas
C	Contingency	\$5,345.60	\$5,346	20% contingency
	SUBTOTAL		\$32,074	***Costs captured in Section 2.2.2***

IMPROVED WATER ACCESS SUBTOTAL \$455,614 (Portion of costs captured in Sections 2.2.2 and 2.2.8)

2.2.8. ACTIVATING AND UPGRADING EXISTING PARKS

1. WELLEBY PARK

A	Site Prep	\$9,500.00	\$85,500	For disturbed areas
B	Grading	\$5,800.00	\$52,200	Includes rough and fine grading for disturbed areas, including lake edge
C	Public Art Allowance	\$5,000.00	\$45,000	Allowance for public art on-site
D	Walkways	\$4.00	\$140,000	10' concrete sidewalks, create looping path and neighborhood/trail connections
E	Pavilions (large)	\$55,000.00	\$110,000	20'x34', with four picnic tables and one trash each, on lake edge
F	Speciality Paving	\$8.00	\$64,000	Decorative concrete pavers for plaza areas
G	Plaza Improvements	\$75,000.00	\$75,000	Includes pergolas, swings, movable furniture,
H	Fishing Piers	\$300.00	\$30,000	(2) 12' wide x 50' timber piers on wood pilings, w/ railings
I	Canoe/Kayak Launch	\$15,000.00	\$15,000	Non-motorized boat launch area on western park parcel
J	Remove Lake Fencing	\$15,000.00	\$15,000	Remove lake edge fencing once bank is re-graded
K	Football/Soccer Field	\$80,000.00	\$80,000	For practice/rec play, natural turf, movable goals, full-size
L	Playground Expansion	\$200,000.00	\$200,000	Expand ex. playground to create destination, should be barrier-free, sensory play
M	Pedestrian Site Lighting	\$50,000.00	\$50,000	Pedestrian scale lighting for plaza area
N	Landscape	\$20,000.00	\$60,000	Trees, shrubs, groundcover, turf for disturbed areas
O	Irrigation	\$15,000.00	\$45,000	For disturbed landscape areas, connect to existing where feasible
P	Retrofit Existing Park Building	\$50,000.00	\$50,000	Retro-fit existing structure to accommodate programming, multi-purpose rooms etc.
Q	Site Security Allowance	\$5,000.00	\$45,000	For incorporation of security technology (cameras, call boxes, monitors etc.)
R	Contingency	\$232,340.00	\$232,340	20% contingency
S	Site Design Services Allowance	\$97,582.80	\$97,583	7 % of approx. construction cost allowance for design services
	SUBTOTAL		\$1,491,623	(Does not include permitting fees, utility service costs, or stormwater)

2. FLAMINGO PARK

A	Site Prep	\$9,500.00	\$169,100	For disturbed areas
B	Grading	\$5,800.00	\$103,240	Includes rough and fine grading for disturbed areas, balance cut/fill for new pond
C	Utilities Service/Design Allowance	\$58,000.00	\$1,032,400	Allowance for stormwater, sewer, potable water, and electric service/design
D	Public Art Allowance	\$5,000.00	\$89,000	Allowance for public art on-site
E	Walkways	\$4.00	\$230,000	5' (3,100 LF) and 10' (4,200 LF) concrete sidewalks
F	Pavilions (large)	\$55,000.00	\$55,000	20'x34', with four picnic tables and one trash each, on lake edge
G	Pavilions (small)	\$30,000.00	\$120,000	15'x15', with two picnic tables and one trash bin each
H	Speciality Paving	\$8.00	\$144,000	Decorative concrete pavers for plaza areas
I	Maintenance Building	\$150.00	\$300,000	2,000 s.f. maintenance building
J	Concessions/Press Box Building	\$250.00	\$350,000	Concessions, restrooms, press-box.

Appendix 4.6 | Detailed Estimate of Probable Cost

K	Recreation Center Building	\$250.00	\$3,750,000	15,000 s.f. indoor recreation center, new construction
L	Fishing Piers	\$300.00	\$18,000	(2) 12' wide x 30' timber piers on wood pilings, w/ railings
M	Canoe/Kayak Launch	\$15,000.00	\$15,000	Non-motorized boat launch area on new pond
N	Site Furnishings	\$50,000.00	\$50,000	Picnic tables, park benches, umbrellas etc.
O	Football/Soccer Field	\$80,000.00	\$80,000	Natural turf, movable goals, bleachers, full-size
P	Tennis Courts	\$40,000.00	\$80,000	Regulation courts, paved surface
Q	Basketball Courts	\$30,000.00	\$60,000	Regulation courts, paved surface
R	Sports Lighting	\$520,000.00	\$520,000	Lighting for new fields/courts - (2) basketball, (2) tennis, (1) adult football/soccer
S	Pedestrian Site Lighting	\$100,000.00	\$100,000	Pedestrian scale lighting for central plaza area and recreation center
T	Landscape	\$20,000.00	\$240,000	Trees, shrubs, groundcover, turf for disturbed areas
U	Irrigation	\$15,000.00	\$180,000	For disturbed landscape areas, connect to existing where feasible
V	Site Security Allowance	\$5,000.00	\$89,000	For incorporation of security technology (cameras, call boxes, monitors etc.)
W	Contingency	\$1,554,948.00	\$1,554,948	20% contingency
X	Site Design Services Allowance	\$653,078.16	\$653,078	7 % of approx. construction cost allowance for design services
	SUBTOTAL		\$9,982,766	<i>(Does not include permitting fees, utility service costs, or stormwater)</i>

3. CITY PARK				
A	Site Prep	\$9,500.00	\$74,575	For disturbed areas
B	Grading	\$5,800.00	\$45,530	Includes rough and fine grading for disturbed areas, balance cut/fill for new pond
C	Utilities Service/Design Allowance	\$58,000.00	\$455,300	Allowance for stormwater, sewer, potable water, and electric service/design
D	Public Art Allowance	\$5,000.00	\$39,250	Allowance for public art on-site
E	Walkways	\$4.00	\$112,000	5' (1,200 LF) and 10' (2,200 LF) concrete sidewalks
F	Speciality Paving	\$8.00	\$216,000	Decorative concrete pavers for plaza areas and cross walks
G	Parking Lot Re-Pave	\$5.50	\$17,600	Resurface existing southern parking lot
H	Parking Lots (new)	\$30.00	\$63,000	Asphalt paving and base material for new northern lot and entry
I	Pavilions (small)	\$30,000.00	\$300,000	15'x15', with two picnic tables and one trash bin each
J	Restroom/Concession Building	\$150.00	\$180,000	1,200 s.f. restroom and concession building, with storage
K	Bandshell	\$500,000.00	\$500,000	Covered stage, storage, electrical service room
L	Recreation Center Expansion	\$150.00	\$2,250,000	Acquire adjacent commercial property, convert to recreation center
M	Land Acquisition for VMPC	\$575,000.00	\$575,000	Estimated land value <i>(Source: Broward County Property Appraiser)</i>
N	Site Furnishings	\$50,000.00	\$50,000	Picnic tables, park benches, umbrellas etc.
O	Playground	\$300,000.00	\$300,000	Natural turf, movable goals, bleachers, full-size
P	Tennis Courts	\$40,000.00	\$80,000	Regulation courts, paved surface
Q	Basketball Courts	\$30,000.00	\$60,000	Regulation courts, paved surface
R	Pedestrian Site Lighting	\$100,000.00	\$100,000	Pedestrian scale lighting for central plaza area and recreation center
S	Landscape	\$20,000.00	\$110,000	Trees, shrubs, groundcover, turf for disturbed areas
T	Irrigation	\$15,000.00	\$82,500	For disturbed landscape areas, connect to existing where feasible
U	Site Security Allowance	\$5,000.00	\$39,250	For incorporation of security technology (cameras, call boxes, monitors etc.)
V	Contingency	\$1,130,001.00	\$1,130,001	20% contingency
W	Site Design Services Allowance	\$474,600.42	\$474,600	7 % of approx. construction cost allowance for design services
	SUBTOTAL		\$7,254,606	<i>(Does not include permitting fees, utility service costs, or stormwater)</i>

4. OSCAR WIND PARK				
A	Site Prep	\$9,500.00	\$19,950	For disturbed areas
B	Grading	\$5,800.00	\$12,180	Includes rough and fine grading for disturbed areas, including lake edge
C	Public Art Allowance	\$5,000.00	\$10,500	Allowance for public art on-site
D	Walkways	\$4.00	\$99,200	5' (1,230 LF) and 10' (1,860 LF) concrete sidewalks
E	Parking Lot Re-Pave	\$5.50	\$18,700	Resurface existing parking lots
F	Fencing Removal	\$10,000.00	\$10,000	Remove northern fence separating Oscar Wind from Sawgrass Sanctuary
G	Pavilions (large)	\$55,000.00	\$55,000	20'x34', with four picnic tables and one trash each, on lake edge
H	Pavilions (small)	\$30,000.00	\$60,000	15'x15', with two picnic tables and one trash bin each
I	Renovate Ex. Restroom Bldg.	\$50,000.00	\$50,000	Improve/update existing park building
J	Fishing Pier	\$300.00	\$9,000	12' wide x 30' timber piers on wood pilings, w/ railings
K	Canoe/Kayak Launch	\$15,000.00	\$15,000	Non-motorized boat launch area
L	Basketball Courts	\$30,000.00	\$30,000	Regulation courts, paved surface
M	Landscape	\$20,000.00	\$23,000	Trees, shrubs, groundcover, turf for disturbed areas
N	Irrigation	\$15,000.00	\$17,250	For disturbed landscape areas, connect to existing where feasible
O	Site Security Allowance	\$5,000.00	\$10,500	For incorporation of security technology (cameras, call boxes, monitors etc.)
P	Contingency	\$88,056.00	\$88,056	20% contingency
Q	Site Design Services Allowance	\$52,833.60	\$52,834	10 % of approx. construction cost allowance for design services
	SUBTOTAL		\$581,170	<i>(Does not include permitting fees, utility service costs, or stormwater)</i>

ACTIVATING /UPGRADING EXISTING PARKS SUBTOTAL \$19,310,165

2.3. SIGNAGE, WAYFINDING, COMMUNITY BRANDING

Item No.	Item Description	Unit Price	Total Price	Notes
1. UNDERTAKE CITY-WIDE SIGNAGE, WAYFINDING, AND COMMUNITY BRAND MASTER PLAN				
A	City-wide Wayfinding Master Plan	\$65,000.00	\$65,000	City-wide signage, wayfinding, and community branding MP fees
B	Contingency	\$13,000.00	\$13,000	20% contingency
	SUBTOTAL		\$78,000	
2. UPGRADE SIGNAGE/WAYFINDING AT EXISTING PARKS				
A	Upgrade/Replace Wayfinding	\$15,000.00	\$315,000	Upgrade/replace existing signage and wayfinding components at existing park sites
B	Contingency	\$63,000.00	\$63,000	20% contingency
	SUBTOTAL		\$378,000	
3. UPGRADE ROADWAY SIGNAGE/WAYFINDING AT EXISTING PARKS				
A	Upgrade/Replace Road Signage	\$100,000.00	\$100,000	Upgrade/replace existing roadway signage and wayfinding (public roads)

B	Contingency	\$20,000.00	\$20,000	20% contingency
SUBTOTAL			\$120,000	
SIGNAGE/WAYFINDING/BRANDING SUBTOTAL			\$576,000	
2.4. BIKEWAYS AND TRAILS				
Item No.	Item Description	Unit Price	Total Price	Notes
2.4.2. MULTI-PURPOSE TRAILS				
1. MULTI-PURPOSE TRAILS				
A	Primary Multi-Purpose Trail	\$275,000.00	\$4,125,000	Includes clearing/site prep and grading for 18' W swath, 12' asphalt trail, (1) 100 gallon tree per 50' LF, 24" sod strip on each side
B	Secondary Multi-Purpose Trail	\$275,000.00	\$5,445,000	Includes clearing/site prep and grading for 18' W swath, 12' asphalt trail, (1) 100 gallon tree per 50' LF, 24" sod strip on each side
C	Contingency	\$1,914,000.00	\$1,914,000	20% contingency
D	Trail Design Services Allowance	\$1,148,400.00	\$1,148,400	10 % of approx. construction cost allowance for design services
SUBTOTAL			\$12,632,400	<i>(Does not include permitting fees, utility service costs, or stormwater)</i>
MULTI-PURPOSE TRAILS SUBTOTAL			\$12,632,400	
2.4.3. BIKEWAYS				
1. SHARED-USE LANE				
A	Shared-Use Lane	\$4,000.00	\$48,960	11' wide travel lane with speed limit <40 mph, marked and signed every 1/4 mile, both sides of road
B	Contingency	\$9,792.00	\$9,792	20% contingency
C	Trail Design Services Allowance	\$5,875.20	\$5,875	10 % of approx. construction cost allowance for design services
SUBTOTAL			\$64,627	<i>(Does not include permitting fees, utility service costs, or stormwater)</i>
2. DEDICATED ON-ROAD PATH				
A	Dedicated On-Road Path	\$240,000.00	\$408,000	Addition/widening of a paved roadway shoulder for trail use (6'-8'w), striped, signed, marked every 1/4 mile, includes removal of existing striping. <i>Note* Does not include paving, curbing, or a colorized surface as that cost varies widely with application type (e.g. epoxy on surface, thermoplastic coating on surface, or integral color asphalt/concrete)(corresponds to the City's grant application for an on-road bike trail on NW 44th Street</i>
B	Contingency	\$81,600.00	\$81,600	20% contingency
C	Trail Design Services Allowance	\$48,960.00	\$48,960	10 % of approx. construction cost allowance for design services
SUBTOTAL			\$538,560	<i>(Does not include permitting fees, utility service costs, or stormwater)</i>
3. BIKE LANE				
A	Bike Lane	\$50,000.00	\$254,000	5' wide using existing pavement for both sides of road, 4" thermoplastic vibratory rumble strip, and signed/marked every 1/4 mile. <i>Note* Does not include paving, re-curb, removing existing stripes, or a colorized lane surface as that cost varies widely with application type (e.g. epoxy on surface, thermoplastic coating on surface, or integral color asphalt/concrete)</i>
B	Contingency	\$50,800.00	\$50,800	20% contingency
C	Trail Design Services Allowance	\$30,480.00	\$30,480	10 % of approx. construction cost allowance for design services
SUBTOTAL			\$335,280	<i>(Does not include permitting fees, utility service costs, or stormwater)</i>
BIKEWAYS SUBTOTAL			\$938,467	
2.4.4. TRAILHEADS				
1. ACCESS POINTS				
A	Access Point Improvements	\$50,000.00	\$50,000	Install pedestrian safety improvements at existing trail access points, as needed
B	Contingency	\$10,000.00	\$10,000	20% contingency
C	Site Design Services Allowance	\$6,000.00	\$6,000	10 % of approx. construction cost allowance for design services
SUBTOTAL			\$66,000	<i>(Does not include permitting fees, utility service costs, or stormwater)</i>
2. Minor Trailheads				
A	Minor Trailheads at Existing Site	\$30,000.00	\$150,000	Map kiosk, (1) bike rack, (1) small prefab picnic shelter, (2) benches
B	Minor Trailhead- Undeveloped Site	\$30,000.00	\$150,000	Map kiosk, (1) bike rack, (1) small prefab picnic shelter, (2) benches
C	Contingency	\$30,000.00	\$30,000	20% contingency
D	Site Design Services Allowance	\$33,000.00	\$33,000	10 % of approx. construction cost allowance for design services
SUBTOTAL			\$363,000	<i>(Does not include permitting fees, utility service costs, or stormwater)</i>
2. Major Trailheads				
A	Major Trailheads at Existing Site	\$15,000.00	\$90,000	Addition of trail-related amenities at existing park sites designated to be Major Trailheads - bike racks/storage lockers, trail map kiosks, air stations etc.
B	Major Trailhead - Undeveloped Site	\$400,000.00	\$800,000	Paved parking for 20 cars, restrooms building, water fountain, medium picnic shelter w/ seating, (2) bike racks, map kiosk, air station, small playground
C	Contingency	\$18,000.00	\$18,000	20% contingency
D	Site Design Services Allowance	\$90,800.00	\$90,800	10 % of approx. construction cost allowance for design services
SUBTOTAL			\$998,800	<i>(Does not include permitting fees, utility service costs, or stormwater)</i>
TRAILHEADS SUBTOTAL:			\$1,427,800	
ADDITIONAL TRAIL AMENITIES AND PLANNING				
1. PUBLIC ART				
A	Public Art Along Trails	\$100,000.00	\$100,000	Public art to be placed along major trail corridors - seed additional grant funding

B	Contingency	\$20,000.00	\$20,000	20% contingency
SUBTOTAL			\$120,000	
2. CITY-WIDE BICYCLE AND PEDESTRIAN MASTER PLAN STUDY				
A	City-wide Bike Master Plan Study	\$175,000.00	\$175,000	Comprehensive master plan that builds upon the Parks MP Vision for bikeways
B	Contingency	\$35,000.00	\$35,000	20% contingency
SUBTOTAL			\$210,000	
ADDITIONAL TRAIL AMENITIES AND PLANNING SUBTOTAL:			\$330,000	

SUNRISE MASTER PLAN VISION TOTAL:			\$79,766,837	
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AECOM Technical Services, Inc. has no control over the cost of labor, materials, or equipment, the Contractor's method of determining prices or competitive bidding or market conditions. Therefore, our opinions of probable construction costs provided for herein are made on the basis of experience and represent our best judgment as Landscape Architects familiar with the construction industry. The firm cannot and does not guarantee that proposals, bids with the construction cost will not vary from our opinions of probable costs. If the Owner wishes greater assurances as to the construction cost, we recommend the employment of an independent cost estimator.



Parks | Public Spaces | Natural Areas | Cultural Areas | Greenways | Trails | Streets