



Conservation Management Plan

This management plan form is intended for Board of Trustees leases and subleases of conservation properties that are 160 acres or less. It is intended to address the requirements of Chapter 253.034, 259.032, 259.105, and rule 18-2.021. Attachments to, or expansion of this form are welcome, if the space provided below is not sufficient. Please answer all of the items below and number all attachments and reference them in the appropriate location below. You are under no obligation to use this form. Any plan format is acceptable, provided it includes all of the appropriate items from the above mentioned statutes and rule. This form is available in electronic format upon request. For additional information pertaining to management plans, please visit the Division of State Lands Stewardship page on the web at <https://floridadep.gov/lands/environmental-services/content/land-stewardship>.

A. General Information

1. Common Name of the Property: Lake Ariana Park / Macs Beach

2. Lease Number: 3216

3. Acres: 7 +/-

4. Managing Agency: City of Auburndale

5. Provide an executive summary/description of this property that includes a brief description of the resources, uses and proposed uses, outstanding features etc.

The property is a 7-acre +/- City park currently containing the following amenities:

- Two (2) rental building properties (Yacht Club and Ariana Beach Clubhouse) with parking lots
- Ten (10) pavilion structures with concrete pads
- One (1) boat ramp with one (1) dock
- Two (2) playground areas

BOT parcels that are leased total 2.68 acres of non-contiguous parcels within the larger 7-acre +/- park facility, the remainder of which is owned by the City of Auburndale. The original lease agreement was entered with the purpose of the City "developing recreation facilities and operating and maintaining the premises and facilities..." To this, in February 2022, the City Commission of the City of Auburndale endorsed a Conceptual Master Plan for the redevelopment of the park (See Appendix E). The conceptual plan includes the relocation of the City's Civic Center onto the property - and updated/new amenities including a new boat dock, picnic pavilions, outdoor event space, playground, and parking. As of March 2023, the City is in negotiation with a design-build firm to commence design and construction of the project.

As it stands the conceptual master plan is only a concept. Actual placement of updated/new facilities in relation to BOT-owned parcels is to be determined.

6. Attach a map showing the location and boundaries of the property including:
- a) The location and type of structures or improvements currently on the property.
 - b) The location and type of proposed improvements. Appendix A
7. Attach a map showing the proximity of this managed area to other conservation areas within 10 miles. Appendix B
8. Please attach a legal description of the property. Appendix C
9. Provide a physical description of the land including a quantitative data description of the land which includes an inventory of forest and other natural resource, exotic and invasive plants, hydrologic features, infrastructure including recreational facilities, and other significant land, cultural or historical features.

Several species of oak trees throughout the park. Along with mixed turf grass. Water species of plants including cattail. The total park property including both City-owned and BOT-owned parcels include the following infrastructure:

- Two (2) rental building properties (Yacht Club and Ariana Beach Clubhouse) with parking lots
- Ten (10) pavilion structures with concrete pads
- One (1) boat ramp with one (1) dock
- Two (2) playground areas

10. A brief description of soil types, attaching USDA maps when available.

Soil types within the BOT-owned parcels include:

- Ona-Ona, wet, fine sand, 0 to 2 percent slopes
- Placid and Myakka fine sands, depressional
- Adamsville-Urban land complex
- Myakka-Immokolee-Urban land complex

See attached USDA map -- Appendix D

11. Is the property adjacent to an aquatic preserve or designated area of critical state concern? YES _____ NO X

If YES, please identify:

12. Was the property acquired by a conservation land acquisition program? If YES, please identify.

No

13. Do any agency-specific statute requirements or legislative/executive directives constrain the use of the property? (These restrictions can frequently be found in the lease) YES _____ NO _____

If YES, please identify

14. Are there any reservations or encumbrances on the property?
YES _____ NO _____

If YES, please identify:

B. Natural and Cultural Resources

15. Are there any archeological or historical sites on this property? YES _____ NO _____
If YES,

A) How do you plan to locate, protect and preserve these resources?

B) Please describe the actions the agency plans to take to locate and identify unknown Resources such as surveys of unknown archeological or historical sites.

16. Are there any buildings on the property that are fifty or more years old?

YES NO If YES,

A) Please Identify:

Yacht Club Building Clubhouse Building

B) Have these buildings been evaluated by a historian or historic architect to determine their historical and/or architectural significance. If YES, please identify both the building(s) and the evaluators(s):

No

C) Please state whether any such buildings are listed in the Florida Master Site File, National Register of Historic Places or a local register of historic places and identify such buildings.

Not listed

By law, the managing agency must consult with the Division of Historical Resources with regard to any proposed land clearing or ground disturbing activities or with regard to any proposed rehabilitation, restoration or demolition of structures 50 or more years old. Please contact the Division of Historic Resources if you would like to obtain information on archeological/historical sites.

Division of Historical Resources
Florida Department of State
R.A. Gray Building, MS-8
Tallahassee, Florida 32399
(850) 245-6312

17. Please identify natural resources on the property that are listed in the Florida Natural Areas Inventory.

None

18. Are any imperiled natural communities, unique natural features, or any State and federally listed endangered or threatened plant or animal species, on site?

YES _____ NO x _____

If YES, please provide a specific description of how you plan to identify, locate, protect and preserve these species.

If you would like further information regarding natural resources or endangered species please contact the Florida Natural Areas Inventory (FNAI).

Florida Natural Areas Inventory
1018 Thomasville Road, Suite 200-C
Tallahassee, Florida 32303
(850) 224-8207

19. Please identify the water resources including swamps, marshes or other wetlands, on the property including the water quality classification for each water body and if the water body has been designated “Outstanding Florida Waters”.

There are no water resources within the boundary of the property - however, the property contains a boat ramp with provides public access to the adjacent Lake Ariana.

20. Are any known mineral resources, such as oil, gas and phosphates, or any unique natural features, such as coral reefs, beaches, dunes, natural springs, caverns, large sinkholes, virgin timber stands, scenic vistas, and natural rivers and streams, and outstanding native landscapes containing relatively unaltered flora, fauna, and geological features on site? YES _____ NO x _____

If YES, Please identify and provide locations of these resources on a map.
Appendix

21. Are there fish or wildlife resources (both game and non-game) on the property?
YES _____ NO _____ If YES, please describe:

-Live Oaks
-Laurel Oaks
-Cattails
-Water Moccasins

C. Use of the Property

22. Please provide a statement of the purpose for which the lands were acquired, the projected use or uses as defined in Chapter 253.034, Florida Statutes, and the statutory authority you have for such uses.

The original lease agreement was entered with the purpose of the City "developing recreation facilities and operating and maintaining the premises and facilities..." The City is projected to maintain these uses, albeit with updated/new facilities and infrastructure.

23. Please state the desired outcome for this property, and key management activities necessary to achieve the desired outcome, including public access.

The City's desired outcome is to update the property with updated/new facilities and infrastructure per the conceptual master plan endorsed by the City Commission in February 2022 (See Appendix E).

24. Please state the single or multiple uses currently made of the property and if the property is single use, please provide an analysis of its potential for multiple-use.

Single _____ Multiple _____ use/s is/are:

Recreational usage for public access.

25. Were multiple uses considered but not adopted? YES _____ NO _____

If YES, please describe why:

26. Please provide an analysis of the potential use of private land managers to facilitate the restoration or management of these lands.

None. The City of Auburndale is the manager and has no current need for private land managers at this time.

27. Please provide an analysis of the potential of the property to generate revenues to enhance the management of the property.

Rentals from the recreational facilities usage:
-Yacht Club Building: \$390.00 rental rate - available to the public for private events.
-Clubhouse Building: \$600.00 rental rate - available to the public for private events.

Revenues generated from future updated facilities are to be determined. The conceptual master plan includes the relocation of the City's Civic Center, which currently has a rental rate of \$390.00 (Mon-Thurs) to \$600.00 (Fri-Sun).

28. Describe the projected, current and recent past uses of the property, and any unauthorized uses, if known.

Past, current, and projected use is as a recreational facility for public use.

29. Do the planned uses impact renewable and non-renewable resources on the property?
YES _____ NO x _____

If YES, please describe what specific activities will be taken to protect or enhance and conserve those resources and to compensate/mitigate the damage that is caused by the impacting use.

30. Should any parcels of land within or adjacent to the property be purchased because they are essential to management of the property? YES _____ NO x _____

If YES, please attach a map of this area. Appendix

31. Are there any portions of this property no longer needed for your use?

YES _____ NO x _____ If YES, please attach a map of this area.

32. Please describe what public uses and public access that would be consistent with the purpose for which this property was acquired.

Public use for building rentals, park usage, and access to the boat ramp and dock.

33. Assess the feasibility of managing the lands >40 contiguous acres as a recipient site for gopher tortoises consistent with rules of the Fish and Wildlife Conservation Commission, as prepared by the agency or cooperatively with a Fish and Wildlife Conservation Commission wildlife biologist.

The property is less than 40 acres.
Note that surrounding continuous property is fully developed with residential, commercial, and industrial developments. Heavy foot and vehicle traffic for all areas of property would not be conducive for gopher tortoise habitat.

34. Economic feasibility of establishing a gopher tortoise recipient site, including the initial cost, recurring management costs and the revenue projections.

Heavy foot and vehicle traffic for all areas of property would not be conducive for gopher tortoise habitat.

D. Management Activities

35. If more than one agency manages this property, describe the management responsibilities of each agency and how such responsibilities will be coordinated.

N/A - Only City of Auburndale manages the property.

36. Please discuss management needs and problems on the property including conservation of soil and water resources and control and prevention of soil erosion and water and soil contamination.

None

37. Identify adjacent land uses that will conflict with the planned use of this property, if any.

None - there are no adjacent land uses that conflict with the use of this property.

38. Please describe measures used to prevent/control invasive, non-native plants.

No current known invasive plant species. Regular maintenance, including adjacent lake edge that is reviewed quarterly by vendor for invasive plant control and subsequent removal if any are identified.

39. Was there any public or local government involvement / participation in the development of this plan? YES NO If YES, please describe:

City of Auburndale

40. If an arthropod control plan has been established for this property, please include it as an attachment. (Attachment _____) If one does not exist, provide a statement as to what arrangement exists between the local mosquito control district and the managing agency. See Chapter 388.4111 regarding mosquito control on public lands.

No plan established for the property. The City of Auburndale coordinates with Polk County Mosquito Control.

41. Management Goals – **The following 8 goals may not all be applicable to your site. Write N/A where appropriate. Also, please add as many goals, objectives, and measures as you wish.**

Core Objectives	Measure	Timeframe 2 yrs = Short Term 10 yrs = Long Term	Expenses and Manpower Budget
1. Habitat restoration and improvement (Description):			
N/A			
Prescribe burn <u>N/A</u> acres per year	<u>N/A</u> acres burned per year	Within 2 yrs <u>N/A</u> Within 10 yrs <u>N/A</u>	Expense \$ <u>N/A</u> Personnel \$ <u>N/A</u>
Maintain <u>N/A</u> acres per year within target fire return interval.	<u>N/A</u> acres within fire return interval target	Within 2 yrs <u>N/A</u> Within 10 yrs <u>N/A</u>	Expense \$ <u>N/A</u> Person \$ <u>N/A</u>
Conduct habitat/natural community improvement on <u>N/A</u> acres	<u>N/A</u> acres with restoration underway	Within 2 yrs <u>N/A</u> Within 10 yrs <u>N/A</u>	Expense \$ <u>N/A</u> Person \$ <u>N/A</u>
Conduct habitat/natural community restoration activities on <u>N/A</u> acres.	<u>N/A</u> acres restored	Within 2 yrs <u>N/A</u> Within 10 yrs <u>N/A</u>	Expense \$ <u>N/A</u> Personnel \$ <u>N/A</u>
Conduct timber harvest for the purposes of habitat restoration on <u>N/A</u> acres	<u>N/A</u> acres harvested	Within 2 yrs <u>N/A</u> Within 10 yrs <u>N/A</u>	Expense \$ <u>N/A</u> Personnel \$ <u>N/A</u>

2	Public access and recreational opportunities (Description):			
	Maintain public access and recreational opportunities			
	Maintain public access and recreational opportunities to allow for a recreational carrying capacity of <u>200</u> visitors per day	<u>200</u> visitor opportunities/day	Within 2 yrs <u>X</u> Within 10 yrs <u> </u>	Expense \$ <u>63,000</u> Personnel \$ <u>50,000</u>
	Develop additional public access and recreational opportunities to allow for a carrying capacity of <u>N/A</u> visitors/day	<u>N/A</u> visitor opportunities/day	Within 2 yrs <u>N/A</u> Within 10 yrs <u>N/A</u>	Expense \$ <u>N/A</u> Personnel \$ <u>N/A</u>
	Continue to provide <u>N/A</u> interpretive/education programs	<u>N/A</u> interpretive/education programs	Within 2 yrs <u>N/A</u> Within 10 yrs <u>N/A</u>	Expense \$ <u>N/A</u> Personnel \$ <u>N/A</u>
	Develop <u>N/A</u> new interpretive/education programs	<u>N/A</u> interpretive/education programs	Within 2 yrs <u>N/A</u> Within 10 yrs <u>N/A</u>	Expense \$ <u>N/A</u> Personnel \$ <u>N/A</u>
3	Hydrological preservation and restoration (Description):			
	N/A			
	Conduct or obtain a site assessment/study to identify potential hydrology restoration needs	Assessment conducted? Y <u> </u> N <u>X</u> <u> </u>	Within 2 yrs <u>N/A</u> Within 10 yrs <u>N/A</u>	Expense \$ <u>N/A</u> Personnel \$ <u>N/A</u>
	Restore natural hydrologic condition and functions to <u>N/A</u> acres on site	<u>N/A</u> acres for which hydrologic restoration is underway (planning, grant writing, earth moving, etc.)	Within 2 yrs <u>N/A</u> Within 10 yrs <u>N/A</u>	Expense \$ <u>N/A</u> Personnel \$ <u>N/A</u>

		<u>N/A</u> acres for which natural hydrologic conditions and function are restored	Within 2 yrs <u>N/A</u> Within 10 yrs <u>N/A</u>	Expense \$ <u>N/A</u> Personnel \$ <u>N/A</u>
4	<u>Sustainable forest management (Description):</u>			
	N/A			
	Prepare & implement a silviculture management plan including reforestation, harvesting, prescribed burning, restoration, and timber stand improvement activities and goals.	Silviculture management plan complete? Y ___ N <u>N/A</u> <u>N/A</u> acres treated	Within 2 yrs <u>N/A</u> Within 10 yrs <u>N/A</u>	Expense \$ <u>N/A</u> Personnel \$ <u>N/A</u>
	Develop and implement a process for conducting stand descriptions and forest inventory including a GIS database containing forest stands, roads & other attributes (including but not limited to: threatened & endangered species, archeological resources, exotic species locations, historical areas)	Complete GIS database and re-inventory all attributes every 3-5 years or as needed. N/A	Within 2 yrs <u>N/A</u> Within 10 yrs <u>N/A</u>	Expense \$ <u>N/A</u> Personnel \$ <u>N/A</u>
		<u>N/A</u> acres of forest inventoried annually	Within 2 yrs <u>N/A</u> Within 10 yrs <u>N/A</u>	Expense \$ <u>N/A</u> Personnel \$ <u>N/A</u>
5	<u>Exotic and invasive species maintenance and control (Description):</u>			
	Manage invasive species as needed.			

Annually treat <u>N/A</u> acres of EPPC Category I and Category II invasive exotic plant species.	<u>N/A</u> acres treated	Within 2 yrs <u>N/A</u> Within 10 yrs <u>N/A</u>	Expense \$ <u>N/A</u> Personnel \$ <u>N/A</u>
Implement control measures on exotic and nuisance animal species	(As needed) nuisance and exotic species for which control measures are implemented	Within 2 yrs <u>X</u> Within 10 yrs <u> </u>	Expense \$ <u>1500</u> Personnel \$ <u> </u>
6 Capital facilities and infrastructure (Description:			
Within 2 years, to continue to maintain access to existing facilities for recreation. Within 10 years, to update/replace facilities and infrastructure for improved recreational opportunities for the public, per the Conceptual Master Plan as endorsed by the City Commission in February 2022, and to explore possible acquisition of BOT-owned parcels.			
To maintain <u>15</u> facilities, <u>1</u> miles of roads, and <u>0</u> miles of trails existing on site (as applicable)	<u>10</u> facilities, <u>1</u> miles roads, <u>0</u> miles trails maintained	Within 2 yrs <u> </u> Within 10 yrs <u>X</u>	Expense \$ <u>60,000</u> Personnel \$ <u>50,000</u>
To construct <u>16</u> facilities. <u>1</u> miles of roads, and <u>1</u> miles of trails (as applicable)	<u>16</u> facilities, <u>1</u> miles roads, <u>1</u> miles trails constructed	Within 2 yrs <u> </u> Within 10 yrs <u>X</u>	Expense \$ <u>16,000,000</u> Personnel \$ <u>N/A</u>
To improve or repair <u>N/A</u> facilities. <u>N/A</u> miles of roads, and <u>N/A</u> miles of trails existing on site (as applicable)	<u>N/A</u> facilities, <u>N/A</u> miles roads, <u>N/A</u> miles trails improved or repaired	Within 2 yrs <u>N/A</u> Within 10 yrs <u>N/A</u>	Expense \$ <u>N/A</u> Personnel \$ <u>N/A</u>
7 Cultural and Historical resources (Description:			
N/A			
Ensure all known sites are recorded in the FL Division of Historical Resources Master Site file	<u>N/A</u> of recorded sites	Within 2 yrs <u>N/A</u> Within 10 yrs <u>N/A</u>	Expense \$ <u>N/A</u> Personnel \$ <u>N/A</u>
Monitor <u>N/A</u> recorded sites and send updates to DHR Master Site file as needed	<u>N/A</u> of sites monitored	Within 2 yrs <u>N/A</u> Within 10 yrs <u>N/A</u>	Expense \$ <u>N/A</u> Personnel \$ <u>N/A</u>

	Bring <u>N/A</u> of <u>N/A</u> recorded sites/cultural resources into good condition	<u>N/A</u> of sites in good condition	Within 2 yrs <u>N/A</u> Within 10 yrs <u>N/A</u>	Expense \$ <u>N/A</u> Personnel \$ <u>N/A</u>
8	<u>Imperiled species habitat maintenance, enhancement, restoration, or population restoration</u> (Description:			
	N/A			
	Develop baseline imperiled species occurrence inventory list	Baseline imperiled species occurrence inventory list complete Y <u>N/A</u> N <u>N/A</u>	Within 2 yrs <u>N/A</u> Within 10 yrs <u>N/A</u>	Expense \$ <u>N/A</u> Personnel \$ <u>N/A</u>
	Develop monitoring protocols for <u>N/A</u> selected imperiled species	<u>N/A</u> imperiled species for which monitoring protocols are developed	Within 2 yrs <u>N/A</u> Within 10 yrs <u>N/A</u>	Expense \$ <u>N/A</u> Personnel \$ <u>N/A</u>
	Implement monitoring protocols for <u>N/A</u> imperiled species	<u>N/A</u> species for which monitoring is ongoing	Within 2 yrs <u>N/A</u> Within 10 yrs <u>N/A</u>	Expense \$ <u>N/A</u> Personnel \$ <u>N/A</u>
	[If applicable, provide additional measurable objective(s) for new or ongoing species-specific management activities for each of the priority species such as population augmentation, translocations, nest box projects, etc.]	Examples: Project-specific quantity, <u>N/A</u> of nest boxes, # of individuals introduced or trans-located, etc.	Within 2 yrs <u>N/A</u> Within 10 yrs <u>N/A</u>	Expense \$ <u>N/A</u> Personnel \$ <u>N/A</u>

42. Costs

Activity	Yearly Estimated Cost		
	Priority Cost	Other Management Cost	Cost Effective Methods
<u>Resource Management</u>	\$61,500		
<u>Administration</u>	60,000		
<u>Support</u>	\$50,000		

<u>Capital Improvements</u>	\$3,000		
<u>Recreation Visitor Services</u>	0		
<u>Law Enforcement Activities</u>	0		

43. A finding regarding whether each planned use conforms to the appropriate policies and guidelines of the State Lands Management Plan is required. The Plan can be found at <https://floridadep.gov/lands/environmental-services/content/land-stewardship>, by writing to the State of Florida Department of Environmental Protection, Division of State Lands, Office of Environmental Services, 3900 Commonwealth Boulevard, Mail Station 140, Tallahassee, Florida 32399-3000, or by calling (850) 245-2784. Does this plan conform to the State Lands Management Plan?

YES NO

44. Please provide the following contact information below:

Name:	Brandon Henry
Managing Agency:	City of Auburndale
Address:	PO Box 186, Auburndale, FL 33823
Phone:	863 965 5530 Ext. 140
Email Address:	bhenry@auburndalefl.com

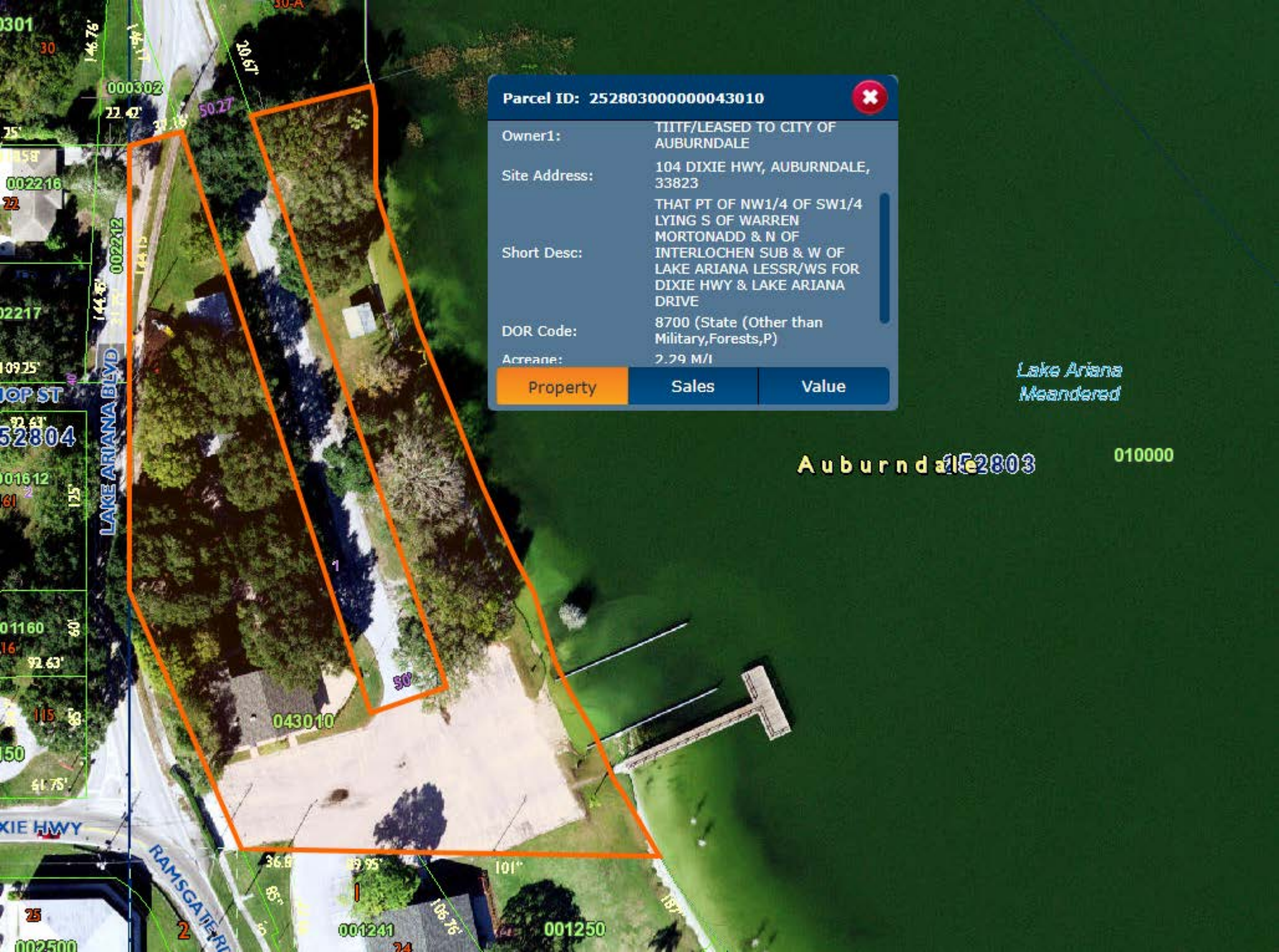
Date Management Plan Prepared: 4/5/23

Please send this completed form and attachments to:

james.parker@dep.state.fl.us, Or
to: Division of State Lands
D.E.P. M.S. 140
3900 Commonwealth Blvd.
Tallahassee Fl. 32399-3000
850-245-3045

APPENDIX A

LOCATION OF PROPERTY AND LOCATION
OF STRUCTURES



Parcel ID: 252803000000043010 ✕

Owner1: TITF/LEASED TO CITY OF AUBURNDALE

Site Address: 104 DIXIE HWY, AUBURNDALE, 33823

Short Desc: THAT PT OF NW1/4 OF SW1/4 LYING S OF WARREN MORTONADD & N OF INTERLOCHEN SUB & W OF LAKE ARIANA LESSR/WS FOR DIXIE HWY & LAKE ARIANA DRIVE

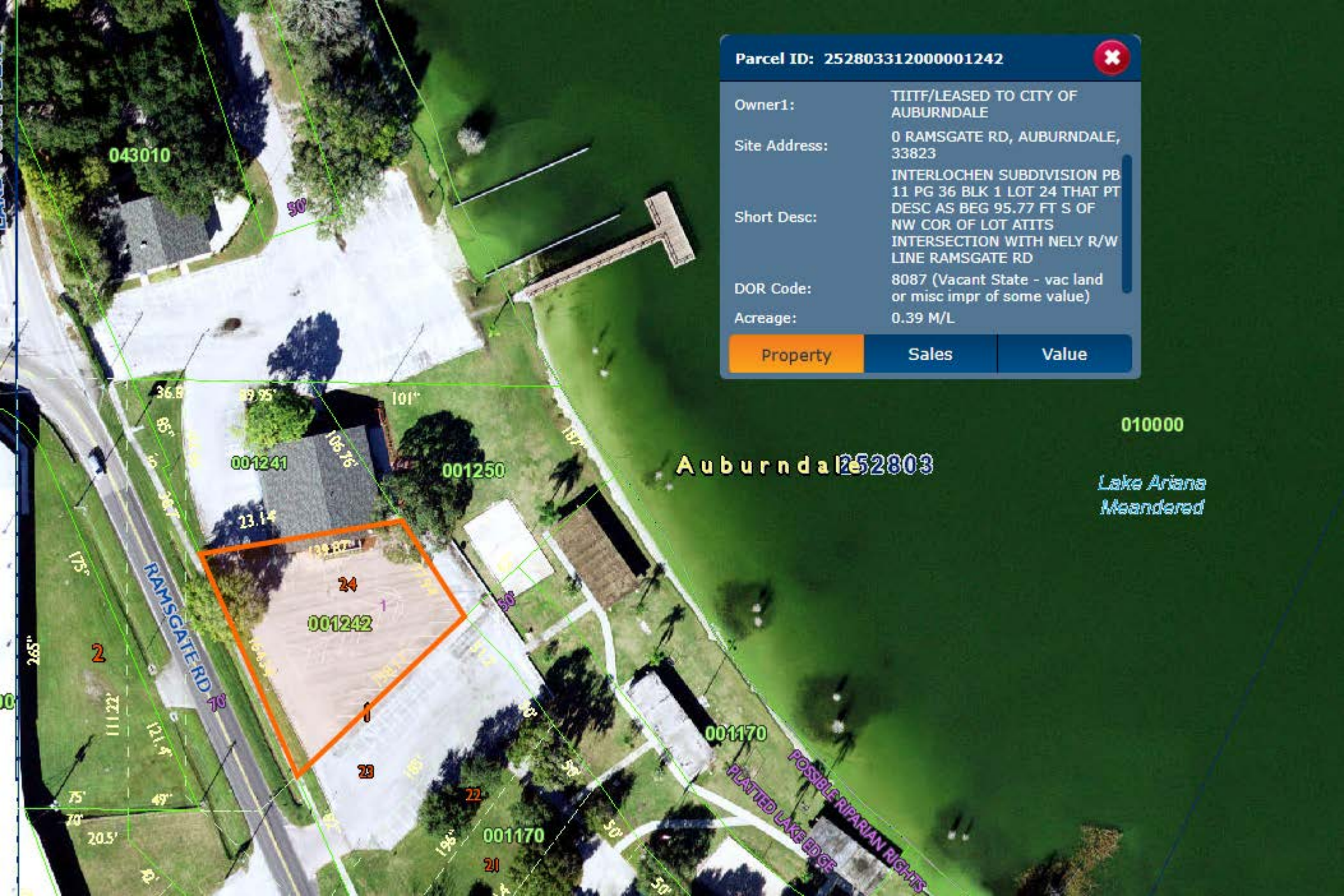
DOR Code: 8700 (State (Other than Military,Forests,P))

Acres: 2.29 M/I

Property	Sales	Value
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Lake Ariana Meandered

Auburndale 2803 01000



Parcel ID: 252803312000001242



Owner1: TITF/LEASED TO CITY OF AUBURNDALE

Site Address: 0 RAMSGATE RD, AUBURNDALE, 33823

Short Desc: INTERLOCHEN SUBDIVISION PB 11 PG 36 BLK 1 LOT 24 THAT PT DESC AS BEG 95.77 FT S OF NW COR OF LOT ATITS INTERSECTION WITH NELY R/W LINE RAMSGATE RD

DOR Code: 8087 (Vacant State - vac land or misc impr of some value)

Acreage: 0.39 M/L

Property	Sales	Value
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010000

Auburnda 252803

Lake Ariana Meandered





- Subject (State) Property
- Other City Property
- Boat Ramp and Dock
- Pavilions
- Playground
- Yacht Club Building
- Parking Lot

APPENDIX B

OTHER CONSERVATION AREAS WITHIN 10 MILES



APPENDIX C

LEGAL DESCRIPTIONS

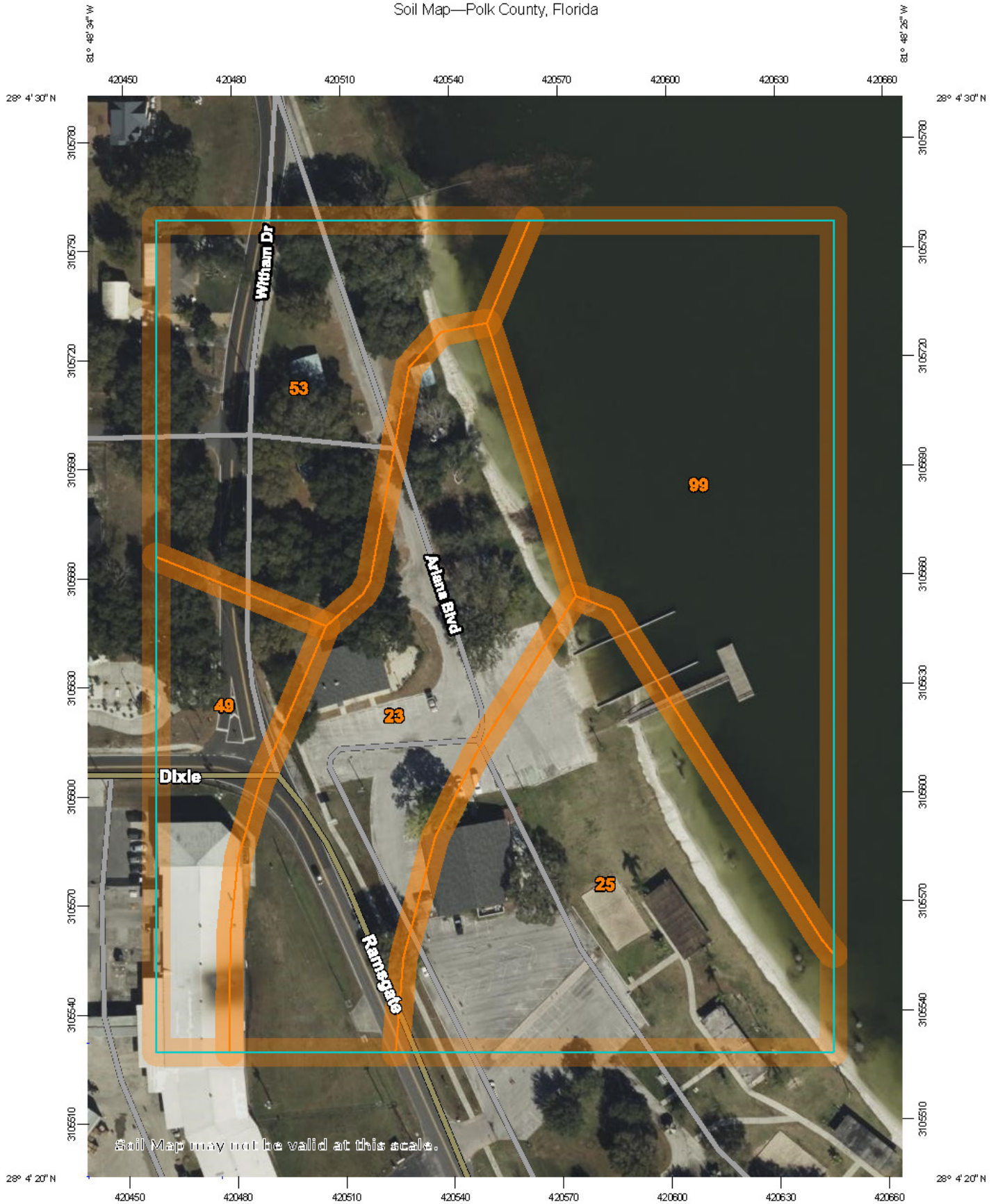
THAT PT OF NW1/4 OF SW1/4 LYING S OF WARREN MORTON ADD & N OF INTERLOCHEN
SUB & W OF LAKE ARIANA LESS R/WS FOR DIXIE HWY & LAKE ARIANA DRIVE

INTERLOCHEN SUBDIVISION PB 11 PG 36 BLK 1 LOT 24 THAT PT DESC AS BEG 95.77 FT S OF
NW COR OF LOT AT ITS INTERSECTION WITH NELY R/W LINE RAMSGATE RD RUN SELY
ALONG R/W 23.14 FT FOR POB CONT SELY ALONG R/W 164.34 FT TO SELY LOT LINE NELY
ALONG SELY LOT LINE 158.11 FT TO ELY MOST CORNER OF LOT N 32 DEG 11 MIN 0 SEC W
77.94 FT W 79 DEG 39 MIN 24 SEC W 139.87 FT TO POB LESS SR R/W

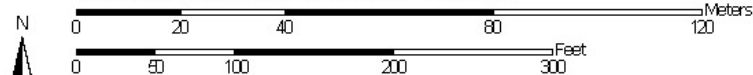
APPENDIX D

USDA SOILS MAP

Soil Map—Polk County, Florida



Map Scale: 1:1,450 if printed on A portrait (8.5" x 11") sheet




Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 17N WGS84





MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

Water Features



Streams and Canals

Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

Background



Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
 Web Soil Survey URL:
 Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Polk County, Florida
 Survey Area Data: Version 20, Sep 2, 2022

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Jan 6, 2022—Mar 21, 2022

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
23	Ona-Ona, wet, fine sand, 0 to 2 percent slopes	2.4	22.4%
25	Placid and Myakka fine sands, depressional	2.4	22.9%
49	Adamsville-Urban land complex	0.9	8.7%
53	Myakka-Immokolee-Urban land complex	1.9	18.0%
99	Water	3.0	28.0%
Totals for Area of Interest		10.6	100.0%

APPENDIX E

CONCEPTUAL MASTER PLAN



LAKE ARIANA | Conceptual Master Plan

Auburndale
12.14.2021

