

# Conservation Management Plan

This management plan form is intended for Board of Trustees leases and subleases of conservation properties that are less than 160 acres. It is intended to address the requirements of Chapter 253.034, 259.032 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 <http://www.dep.state.fl.us/lands/stewardship.htm>

## A. General Information

1. Common name of the property: Pillsbury Temple Mound
2. Lease number: 4625
3. Acres: 0.947
4. Managing Agency: Manatee County Government – Parks & Natural Resources Department – Preserves and Conservation Lands Division
5. Provide an executive summary/description of this property that includes a brief description of the resources, uses and proposed uses, outstanding features etc.

According to the Florida Forever project site description the Pillsbury Mound parcel “consists of 0.947 acres in Manatee County, on the south bank of the Manatee River, just west of the Desoto National Memorial in the northwest quarter section of Section 24 of Township 34 South, Range 16 East. It is within a residential area and is owned by the State of Florida. The mound site is in close proximity to Desoto National Memorial, Robinson Preserve, Riverview Point Park, and Emerson Point Park, but contiguous with none of these. The Pillsbury Mound is one of only nine Class C mounds within the Tampa Bay area.”

The majority of the site is covered by a large sand mound that is approximately 20 feet tall and covers approximately 120 square feet. A small burial mound is located adjacent to the sand mound. The mound itself has scattered palms, scrub oaks, and grasses, and the remainder of the site is manicured lawn. (excerpted from FDEP Florida Forever Project Description)

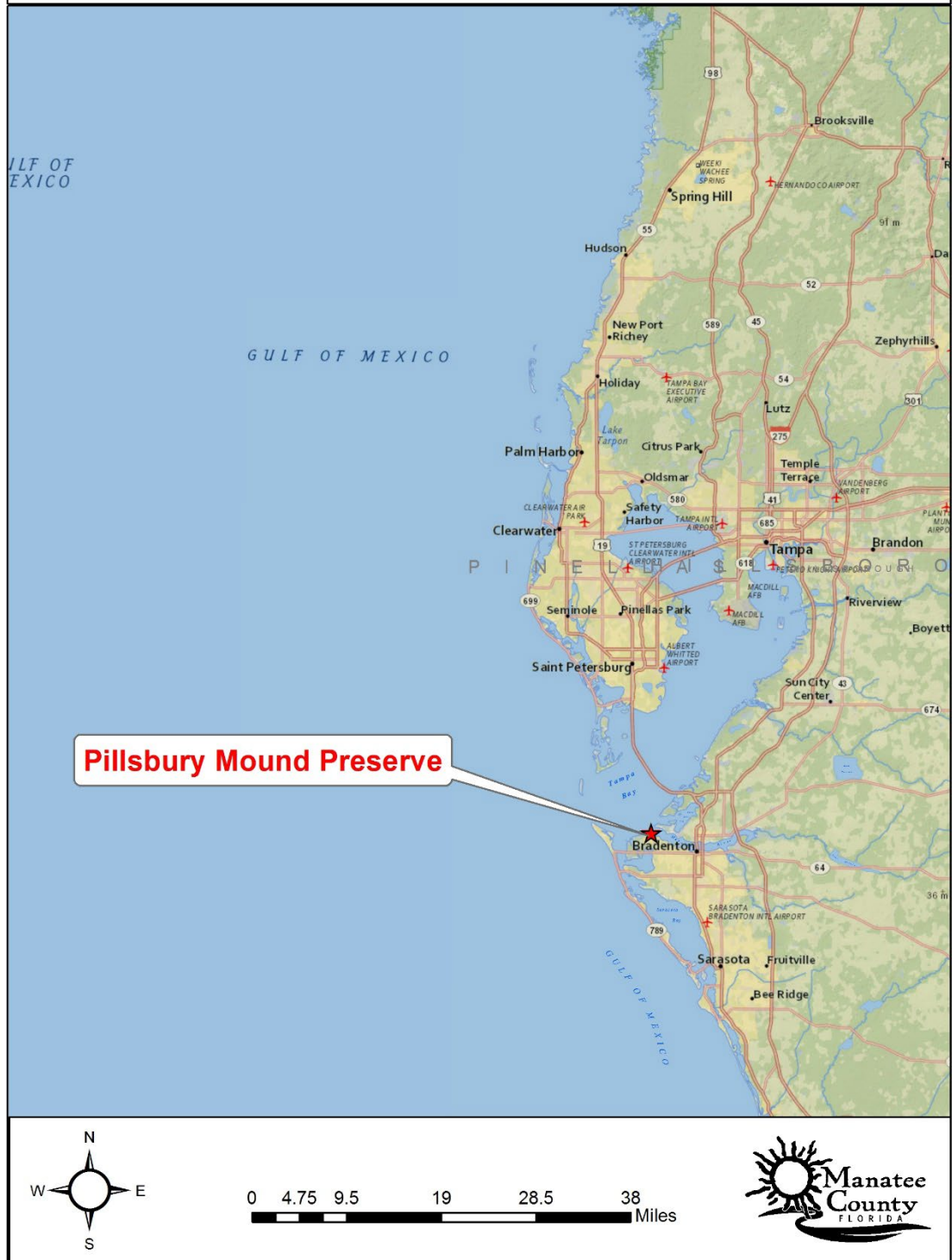
The site protects a valuable cultural resource representing the last sand midden of the Weedon Island Culture period of settlement by indigenous peoples in this coastal region. Historical research shows that this cultural artifact is the last remaining mound formation of the Shaw's Point archeological area, of which at least five significant middens were documented prior to their destruction by development activities. (excerpted from FDEP Florida Forever Project Description)

Manatee County will provide educational signage but no recreational activities and limited access to the site on an appointment only basis. The Manatee County Parks & Natural Resources Department has a division dedicated to outreach educational programming, and volunteer management. This division has staff that are well trained and experienced in offering educational programs in a variety of topics including the interpretation of historical and archaeological resources. This division will develop curriculum tailored to the site and area's unique archeological heritage and schedule programs to facilitate public access and education. The number of these interpretive site visits will be scaled to meet the expressed demand of the public.

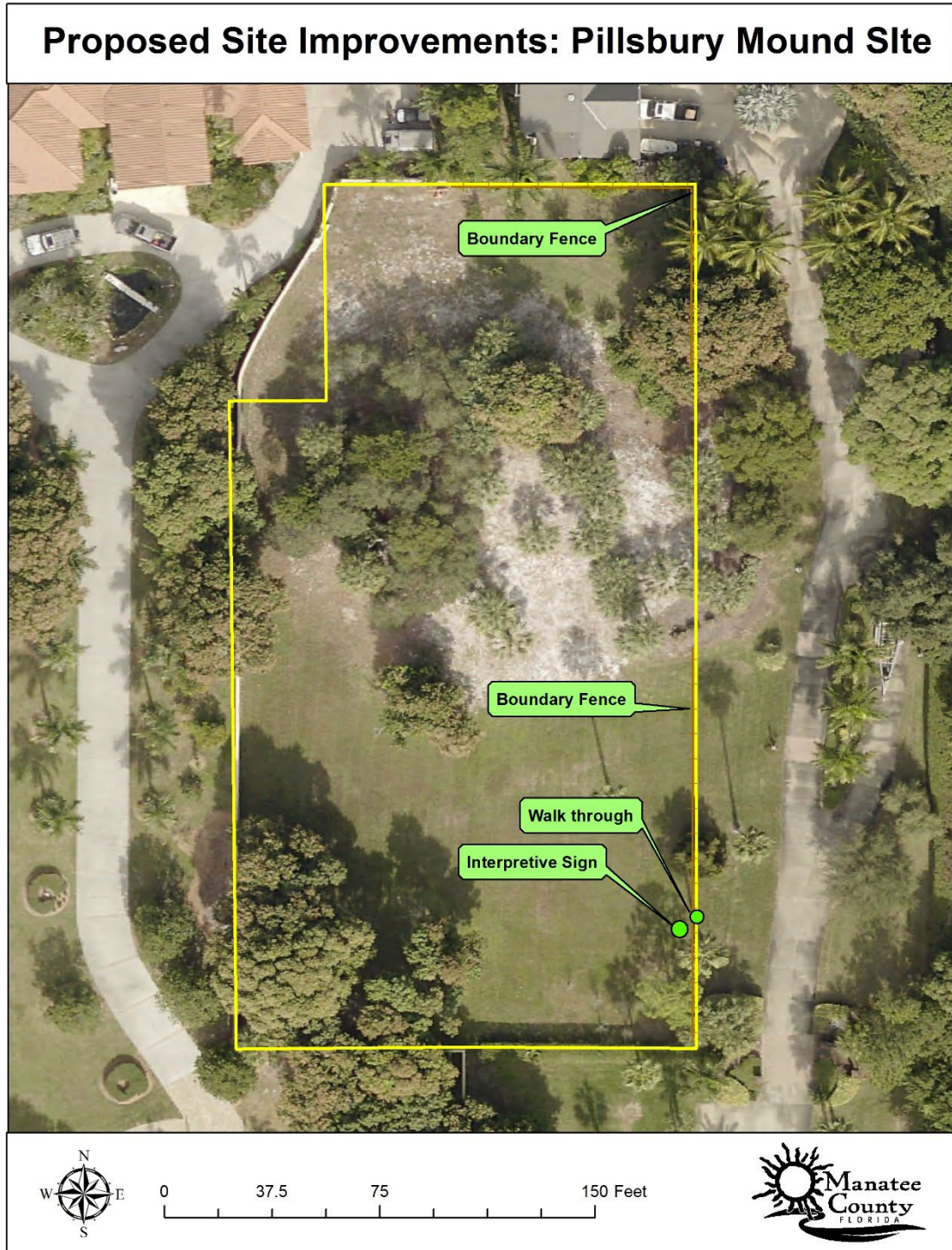
In addition to the interpretive walks the county will undertake a number of management activities including survey of parcel boundary, installation of decorative limestone boulders to demarcate the boundary and prevent vehicular access to the site, seeding of native grasses to prevent erosion on the surfaces of the mound, periodic survey and control of invasive species, and the kill-in place treatment of certain exotic trees which threaten the integrity of the archaeological context.

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  
Locator Map Attachment A

# Pillsbury Mound Preserve Site Location



- b) The location and type of proposed improvements.  
Improvements map Attachment B



7. A map showing the proximity of this managed area to other conservation areas within 10 miles.

Nearby Conservation Lands Attachment C

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# Conservation Areas within 10 miles



8. Please attach a legal description of the property.

See attachment D

Attachment D excerpt:

## LEGAL DESCRIPTION

Begin at the SW Corner of the NW 1/4 of the NE 1/4 of Sec. 24, Twp. 34 S., Rge. 16 E; Thence S 89°50'41" E, along the South line of said NW 1/4 of the NE 1/4, 330.00 ft; thence N 00°12'48" E, parallel to the West line of said NW 1/4 of the NE 1/4, and 330.0 feet therefrom, 15.00 ft. to a concrete monument marking the intersection of said line and the maintained North R/W of 21st Avenue N.W. for a P.O.B; thence continue N 00°12'48" E, 1272.24 ft. to a concrete monument; thence continue N 00°12'48" E, 11.0 ft., more or less, to the waters of Tampa Bay; thence Westerly, along the waters of said Tampa Bay, 50.0ft, more or less; thence S 00°12'48"W, parallel to the west line of said NE 1/4 of the NE 1/4 and 280.0 ft. therefrom, 5.0 ft, more or less, to a concrete monument; thence continue S 00°12'48" W, 1272.19 ft. to a concrete monument, marking the intersection of said line and said maintained north R/W of 21st Avenue N.W., thence S89°50'41" E along said R/W, aprallel to the South line of said NW 1/4 of the NE 1/4, and 15.0 ft. therefrom, 50.00 ft to the P.O.B., being and lying in Sec. 24, Twp. 34S., Rge. 16 E., Manatee County, Florida. Containing 1.5 acres more or less.

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.

The Pillsbury Mound parcel is completely developed. There are a few Sand Live oak (*Quercus geminata*) and cabbage palms (*Sabal minor*) but the majority of the site is mowed grass. There are not many invasive exotics on site because most of the site is regularly mowed. The few invasive exotics that do exist are rose natal grass (*Rhynchelytrum repens*), carrotwood (*Cupaniopsis anacardioides*), and Guinea grass (*Panicum maximum*). There are two mango trees on the mound proper, and some landscape species have been planted along the northern and eastern boundary.

Cultural and historical features: The site was acquired due to its significance to the archaeological record. According to the Florida Forever Project description the cultural and historical resources on site include a large sand mound representing the last sand mound of the Weedon Island Culture period of settlement by indigenous

peoples in this West Central Florida. Historical research shows that this cultural artifact is the last remaining mound formation of the Shaw's Point archeological area, of which at least five significant middens were documented prior to their destruction by development activities.

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

The NRCS soils survey reveals that the site consists of Orsino fine sand and Duette fine sand both with a 0-5 percent slope. Duette fine sand constitutes approximate 60 percent of the site, and the remaining 40 percent of Orsino fine sand is where the mound is located. These soils typically form on rises of marine terraces and usually supports knolls of mesic upland and/or sand pine scrub.

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

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

Yes. On December 14, 2007 the Acquisition and Restoration Council (ARC) voted to add the Pillsbury Mound to the "A" list of Florida Forever projects.

In July 2009, the project was purchased in its entirety. ARC voted at the December 2009 meeting to formally remove the project from the Florida Forever Priority List.

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  X

If YES, please identify:

14 Are there any reservations or encumbrances on the property?

YES \_\_\_\_\_ NO  X

## **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?

According to the Florida Forever Project Description the Pillsbury mound consists of a temple mound with remnants of a burial mound and ramp structure on the eastern side. The site was first mentioned in the professional literature after a 1929 survey of mounds in the Tampa Bay area by Dr. Matthew W. Stirling, Chief of the Bureau of American Ethnology, Smithsonian Institute. William Plowden recorded the Pillsbury mound with the Archeological Site Survey of the University of Florida as site number Ma-31 as "a sand burial and temple mound complex." (The State of Florida Master Site File lists the platform/temple mound as 8Ma31; the nearby burial mound as 8Ma30. Only the temple mound remains.) Plowden noted that it had never been excavated, possibly because Asa Pillsbury's house was located between the mound and the river. In 1963, Dr. Ripley Bullen, Florida State Museum, Gainesville, received permission to conduct excavations. During the excavations, Bullen uncovered 147 human burials and other material, which are currently located at the Florida Museum of Natural History. Based on these artifacts, the site has been dated to the Mississippian tradition/Safety Harbor phase of the Florescent period, post AD 900. In 1981, George Luer and Marion Almay researched the site and characterized it as one of nine "Class C," or lesser temple mounds in the Bay area. In 1991 an update to the MSF was made that lists the site as a "platform mound" in a "village/town" in the historic context of "Weedon Island II and Safety Harbor." Under the Recorders Evaluation of Site, it states that more information is needed and that the site is "significant at a local level" since it could "hold information concerning the political organization and politics of the Lower Manatee River in Late Prehistoric times.(Florida Forever Project Description, Pillsbury Temple Mound.)

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.

Due to the fact that the site has previously been extensively surveyed and the fact that the entire site is considered sensitive as well as the blanket ban on digging on park property provided for in the Manatee County Code of ordinances Ch2-24(3) the county does not plan additional survey work. Archaeologist Bill Burger will be contracted to assist with placement of boundary indicators signs, educational signage, and boulders to indicate parcel boundaries. In the event additional survey work or ground

disturbing work is planned, the County will contact and coordinate with the Department of Historical Resources to get permission to do so.

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

YES \_\_\_\_\_ NO X

A) Please identify \_\_\_\_\_

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)

\_\_\_\_\_  
\_\_\_\_\_

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.

\_\_\_\_\_  
\_\_\_\_\_

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 32399-0250  
(850) 245-6312

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

According to FNAI there are no documented or historically documented occurrences on this property. However, there are two gopher tortoise burrows on the west side of the mound. The likely element occurrence is manatee, however this property is landlocked. In the potential category, FNAI does identify some species that could use this area such

as: Eastern Indigo snake (), Great White Heron (), and Piping plover () but none of these have been observed or documented at this site.

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

If YES, please provide a specific description of how you plan to identify, locate, protect and preserve these species. Gopher tortoise burrows have been identified and marked on site. Management regime includes no uses or activities which would threaten the gopher tortoises or their burrows found on site.

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 such resources on this parcel.

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

If YES, please identify and provide locations on a map.

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21. Are there fish or wildlife resources (both game and non-game) on the property?

YES  NO

If Yes, please describe: Gopher tortoise have been documented on site. No other listed species have been known to reside or frequently use the site.

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### **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.

This land will have a single use – /According to the Florida Forever project description the primary purpose of the site acquisition was “to protect and interpret a valuable cultural resource representing the last sand mound of the Weedon Island Culture period of settlement by indigenous peoples in this coastal region. Historical research shows that this cultural artifact is the last remaining mound formation of the Shaw’s Point archeological area, of which at least five significant midden/mounds were documented prior to their destruction by development.”

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

The desired outcome for this property is to stabilize the mound and protect archaeological integrity of the site. Key activities include securing the site with boundary delineation, limestone boulders, signage, removal of woody vegetation to protect archaeological integrity of site and installation of native, drought-tolerant, grasses and wildflowers to prevent erosion. Public access by appointment only during guided interpretive programs will be achieved by the departments Programming Education and volunteer Division.

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 X multiple \_\_\_\_\_ use/s is/are \_\_\_

Cultural Resource Preservation and interpretation is the only legitimate use of the site based on access limitations, staffing levels and the size and configuration of the parcel

25. Were multiple uses considered but not adopted?

YES \_\_\_\_\_ NO  X

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.

The site is comprised entirely of a sensitive archaeological site with some potential for further degradation due to looting/collecting due to the fact that staff cannot be on site except for periodic inspection and maintenance. As such public access will be highly restricted. Contractors will be used whenever it will provide cost effective service relative to county staff. Typically for a site this small contractors will not be interested or cost effective to employ. The administrative cost of developing and overseeing contracts negates the savings derived from the economy of scale that contractors often provide.

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

The site has extremely limited revenue generation potential. There are no significant timber resources. Cattle grazing, hunting, and other recreational activities with the potential for revenue generation are similarly inappropriate for the site since it consists almost exclusively of a large temple/burial mound and a likely associated prehistoric settlement site. This combined with the fact that the site is very small with legally disputed access rules out revenue generation for the site.

28. Describe the projected, current and recent past uses of the property, and any unauthorized uses, if known. Projected uses of the site revolve exclusively around protection and interpretation of Archaeological. The County will use the site for the purpose of interpretive walks focusing on the archaeological significance of the site and the areas(Shaw’s Point Archaeological area). Current uses are limited to periodic site visits and invasive plant removal. Unauthorized use of the site is currently limited to minor neighbor encroachments including the planting of fruit trees on the property.

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.

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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.

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.  
Guided tours by appointment accompanied by staff. There is no plan to provide any picnic tables or trash receptacles.

**D. Management Activities**

33. If more than one agency manages this property, describe the management responsibilities of each agency and how such responsibilities will be coordinated.  
Manatee County Parks and Natural Resources Department is the only management entity for the parcel.

34. 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.  
Erosion is currently an issue and will be addressed by planting native grasses on the mound. Based on the Parks & Natural Resources Department's extensive experience in securing and maintaining important archaeological sites including those at Riverview Pointe preserve, Emerson Point preserve, Neal preserve, and Robinson preserve we do not anticipate site security will present a challenge the site is located down a residential driveway with close neighbors who almost always know when someone has accessed the site as evidenced by them coming out to greet county staff 90% of the times we visit the site.

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

The Pillsbury Temple Mound site is completely surrounded by residential properties. The privately owned parcel directly south of the site has been cleared and zoned for more residential houses.

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

Most of the site is comprised of mowed St Augustin lawn. The routine mowing has helped to limit the proliferation of invasive exotic plants. The site will continue to be monitored for invasive plants. If any are found they will be promptly removed to ensure they do not seed and spread.

37. Was there any public or local government involvement/participation in the development of this plan? YES  X  NO

If YES, please describe. Manatee County Parks an Natural Resources Department is falls under the local Board of County Commissioners.

38. If an arthropod control plan has been established for this property, please include it as an attachment. If one does not exist, provide a statement as to what arrangement exists between the local mosquito control district and the managing agency.

There currently is no arthropod control plan for the site. Management of mosquitos and other insects of public health concern are managed by the Local Mosquito Control District. The site is periodically subject to aerial spraying.

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

Core Objectives	Measure	Timeframe	Expenses and Manpower Budget
1	<p><b><u>Habitat restoration and improvement</u></b>  <u>Description-</u> <u>Removal of remaining stands of Guinea grass, Rose Natal grass, and other exotic invasive species as they occur. Seeding and planting of small size material of native xeric upland grasses and wildflowers including beach dune sunflower, Blanket flower, Muhly grass, and Wire</u></p>		

grass.			
Prescribe burn _____ <u>NA</u> _____ acres per year	_____ acres burned per year	Within 2 yrs Within 10 yrs	Expense \$ _____ Personnel \$ _____
Maintain _____ <u>NA</u> _____ acres per year within target fire return interval.	_____ acres within fire return interval target	Within 2 yrs Within 10 yrs	Expense \$ _____ Personnel \$ _____
Conduct habitat/natural community improvement on _____ <u>0.947</u> _____ acres	_____ acres with restoration underway	<b>Within 2 yrs</b> Within 10 yrs	Expense \$ _____ Personnel \$ _____
Conduct habitat/natural community restoration activities on _____ <u>0.947</u> _____ acres.	_____ acres restored	<b>Within 2 yrs</b> Within 10 yrs	Expense \$ _____ Personnel \$ _____
Conduct timber harvest for the purposes of habitat restoration on _____ <u>NA</u> _____ acres	_____ acres harvested	Within 2 yrs Within 10 yrs	Expense \$ _____ Personnel \$ _____
<b>2 Public Access and recreational opportunities</b>			
<b>Description-</b> <u>On a trial basis public access will be limited to pedestrian entry by appointment only with guided tours or interpretive talks given by staff and volunteers. The lack of staff presence on site combined with the highly residential setting make unmetered access potentially problematic. Risk of damage to archaeological resources on site would be high.</u>			
Maintain public access and recreational opportunities to allow for a recreational carrying capacity of _____ <u>NA</u> _____ visitors per day	<u>No current access</u> _____ visitor opportunities/day	Within 2 yrs Within 10 yrs	Expense \$ _____ Personnel \$ _____
Develop additional public access and recreational opportunities to allow for a carrying capacity of _____ <u>10</u> _____ visitors/day	<u>10</u> _____ visitor opportunities/day	<b>Within 2 yrs</b> Within 10 yrs	Expense \$ _____ Personnel \$ _____



	Continue to provide _____ interpretive/education programs	_____ interpretive/education programs	Within 2 yrs Within 10 yrs	Expense \$ _____ Personnel \$ _____
	Develop <u>5</u> new interpretive/education programs	_____ interpretive/education programs	<b>Within 2 yrs</b> Within 10 yrs	Expense \$ _____ Personnel \$ _____
<b>3</b>	<b><u>Hydrological preservation and restoration.</u></b>			
	<b>Description-</b>			
	<u>NA</u>			
	_____			
	_____			
	Conduct or obtain a site assessment/study to identify potential hydrology restoration needs <u>NA</u>	Assessment conducted? y/n	Within 2 yrs Within 10 yrs	Expense \$ _____ Personnel \$ _____
	Restore natural hydrologic condition and functions to <u>NA</u> acres on site	_____ acres for which hydrologic restoration is underway (planning, grant writing, earth moving, etc.)	Within 2 yrs Within 10 yrs	Expense \$ _____ Personnel \$ _____
	<u>NA</u>	_____ acres for which natural hydrologic conditions and function are restored	Within 2 yrs Within 10 yrs	Expense \$ _____ Personnel \$ _____
<b>4</b>	<b><u>Sustainable forest management.</u></b>			
	<b>Description- <u>1.)Monthly inspections for site integrity/security and invasive plant occurrences 2.) Installation of limestone boulders to demarcate property boundary and prevent vehicle access. Installation of access gate to allow mower to gain access. 3.) seeding of native grasses(Muhly and sea oats) to stabilize slopes of sand mound</u></b>			
	_____			
	_____			
	Prepare and implement a silviculture management plan including reforestation, harvesting, prescribed burning, restoration, and timber stand improvement activities and goals. <u>NA</u>	Silviculture management plan complete? y/n _____ acres treated	Within 2 yrs Within 10 yrs	Expense \$ _____ Personnel \$ _____

	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 reinventory all attributes every 3-5 years or as needed.	Within 2 yrs Within 10 yrs	Expense \$ _____ Personnel \$ <u>1,280</u>
	<u>NA</u>	_____ acres of forest inventoried annually	Within 2 yrs Within 10 yrs	Expense \$ _____ Personnel \$ _____
<b>5</b>	<b><u>Exotic and invasive species maintenance and control.</u></b> <b><u>Description- Invasive exotic species documented on site include Rose Natal Grass, Guinea grass, and Carrotwood. These invasive plant infestations will incorporated into the department's integrated pest management plan and adressed in monthly site inspections/ treatments.</u></b>			
	Annually treat <u>0.1</u> acres of EPPC Category I and Category II invasive exotic plant species.	<u>0.1</u> acres treated	Within 2 yrs Within 10 yrs	Expense \$ _____ Personnel \$ <u>300</u>
	Implement control measures on <u>6</u> exotic and nuisance animal species	<u>6</u> nuisance and exotic species for which control measures are implemented	Within 2 yrs Within 10 yrs	Expense \$ _____ Personnel \$ _____
<b>6</b>	<b><u>Capital facilities and infrastructure</u></b> <b><u>Description-</u></b> <u>NA</u>			
	To maintain _____ facilities, _____ miles of roads, and _____ miles of trails existing on site (as applicable)	_____ facilities, _____ miles roads, _____ miles trails maintained	Within 2 yrs Within 10 yrs	Expense \$ _____ Personnel \$ _____
	To construct _____ facilities. _____ miles of roads, and _____ miles of trails (as applicable)	_____ facilities, _____ miles roads, _____ miles trails constructed	Within 2 yrs Within 10 yrs	Expense \$ _____ Personnel \$ _____

	To improve or repair _____ facilities. _____ miles of roads, and _____ miles of trails existing on site (as applicable)	_____ facilities, _____ miles roads, _____ miles trails improved or repaired	Within 2 yrs Within 10 yrs	Expense \$ _____ Personnel \$ _____
<b>7</b>	<b><u>Cultural and historical resources</u></b> <b>Description-</b> _____ <u>Sand Temple Mound master Site File No. 8Ma31. This is a ceremonial/temple platform mound from which 147 human burials were excavated. A large sand mound approximately 20 ft tall and covering approximately 20,000 square feet.</u>			
	Ensure all known sites are recorded in the FL Division of Historical Resources Master Site file	<u>1</u> of recorded sites	<b>Within 2 yrs</b> Within 10 yrs	Expense \$ <u>0</u> Personnel \$ _____
	Monitor _____ recorded sites and send updates to DHR Master Site file as needed	_____ of sites monitored	Within 2 yrs Within 10 yrs	Expense \$ _____ Personnel \$ _____
	Bring <u>1</u> of <u>1</u> recorded sites/cultural resources into good condition	<u>1</u> of sites in good condition	<b>Within 2 yrs</b> Within 10 yrs	Expense \$ _____ Personnel \$ <u>600</u>
<b>8</b>	<b><u>Imperiled species habitat maintenance, enhancement, restoration, or population restoration.</u></b> <b>Description-</b> _____ _____ _____			
	Develop baseline imperiled species occurrence inventory list	Baseline imperiled species occurrence inventory list complete y/n	<b>Within 2 yrs</b> Within 10 yrs	Expense \$ <u>0</u> Personnel \$ _____
	Develop monitoring protocols for <u>NA</u> selected imperiled species	_____ imperiled species for which monitoring protocols are developed	Within 2 yrs Within 10 yrs	Expense \$ _____ Personnel \$ _____
	Implement monitoring protocols for <u>NA</u> imperiled species	_____ species for which monitoring is ongoing	Within 2 yrs Within 10 yrs	Expense \$ _____ Personnel \$ _____

[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, _____ of nestboxes, # of individuals introduced or translocated, etc.	Within 2 yrs Within 10 yrs	Expense \$ _____ Personnel \$ _____
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40. Costs

<u>Activity</u>	<u>Yearly Estimated Cost</u>		
	<u>Priority Cost</u>	<u>Other Management Cost</u>	<u>Cost Effective Methods</u>
<u>Resource Management</u>	<u>\$600</u>		
<u>Administration</u>	<u>\$1,280</u>		
<u>Support</u>			
<u>Capitol Improvements</u>			
<u>Recreation Visitor Services</u>			
<u>Law Enforcement Activities</u>			

41. A finding regarding whether each planned use conforms with the appropriate policies and guidelines of the State Lands Management Plan is required. The Plan can be found at <http://www.dep.state.fl.us/lands/oes/slmp.pdf>, or 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  X  NO \_\_\_\_\_

42. Please provide the following contact information below:

Name:	Michael Elswick
Managing Agency:	Manatee County, Parks & Natural Resources Department
Address:	5502 33 <sup>rd</sup> Ave Dr W
Phone:	941-742-5923 ext.6041
Email Address:	Michael.elswick@mymanatee.org

Date Management Plan Prepared: 01/17/2022

Please send this form to:

[avis.lockett@dep.state.fl.us](mailto:avis.lockett@dep.state.fl.us)

Or to

Division of State Lands

D.E.P. M.S. 140

3900 Commonwealth Blvd.

Tallahassee Fl. 32399-3000

850-245-2562