

KERR LAKE STATE RECREATION AREA General Management Plan

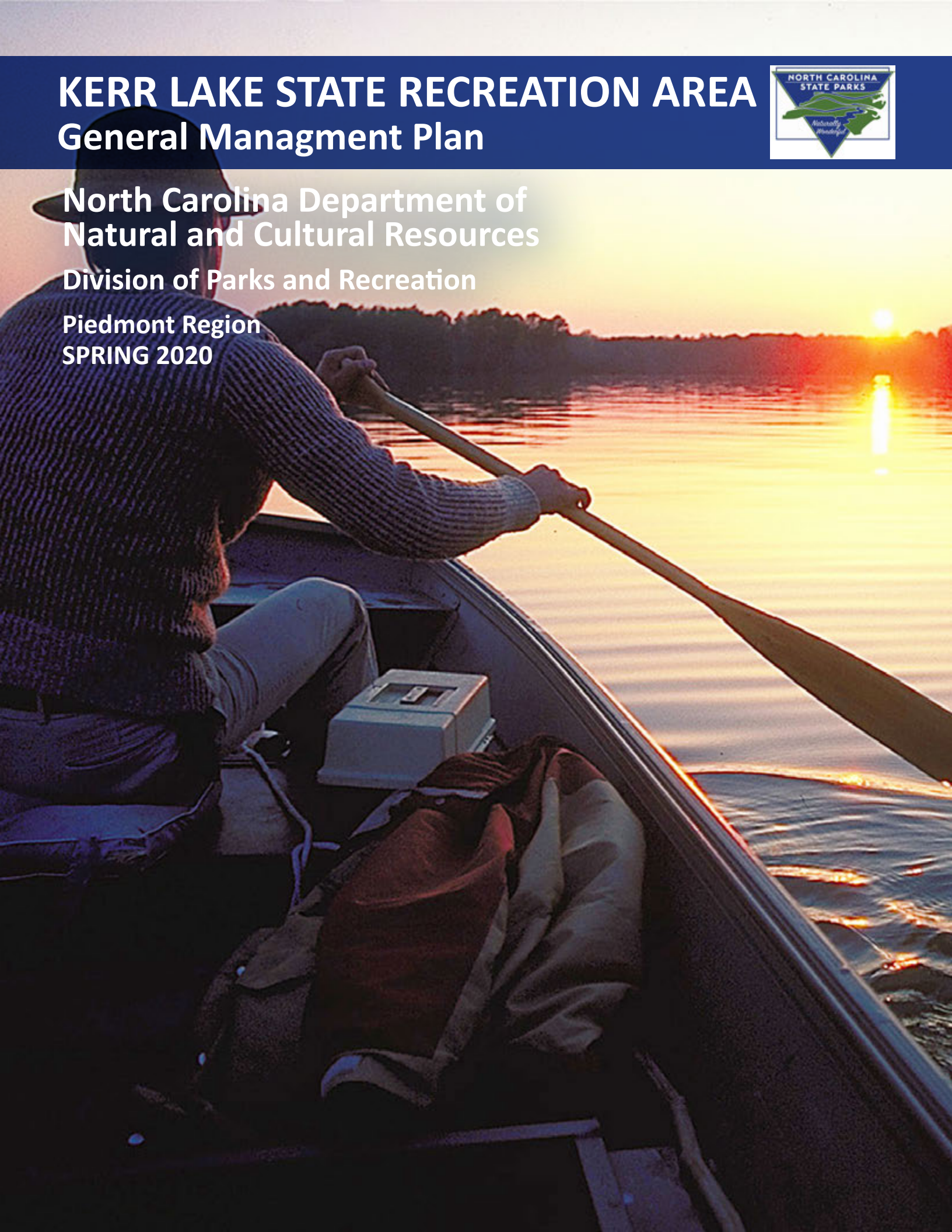


North Carolina Department of
Natural and Cultural Resources

Division of Parks and Recreation

Piedmont Region

SPRING 2020



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I. MISSION AND PURPOSE

GENERAL MANAGEMENT PLANS:

The 1987 State Parks Act (G.S.143B - 135.40) requires each park to have an individual General Management Plan. As required, these plans seek to identify an individual parks purpose as a unit within the larger parks system and provide an analysis of the parks major resources and facilities. The GMP also identifies current and future needs of the park and prioritizes a list of proposed projects intended to meet those identified needs. These plans are considered living documents, recognizing the various and dynamic factors which influence the planning process. Each park's GMP is scheduled to be revisited every five years, or sooner if needed, to reflect the direction and vision of the State Parks Division.

N.C. STATE PARKS MISSION:

The 1987 State Parks Act also defines the purpose of the state parks system. It establishes that: The State of North Carolina offers unique archaeological, geologic, biologic, scenic and recreational resources. These resources are part of the heritage of the people of this State. The heritage of a people should be preserved and managed by those people for their use and for the use of their visitors and descendants.



OUR MISSION

The North Carolina
Division of Parks and Recreation
exists to inspire all
its citizens and visitors through
conservation, recreation and education.

CONSERVATION
To conserve and protect representative
examples of North Carolina's natural beauty,
ecological features, recreational and cultural
resources within the state parks system;

RECREATION
To provide and promote safe, healthy
and enjoyable outdoor recreational
opportunities throughout the state; and

EDUCATION
To provide educational opportunities
that promote stewardship of the state's
natural and cultural heritage.



I. MISSION AND PURPOSE

PARK OVERVIEW:

Kerr Lake State Recreation Area is located on the North Carolina-Virginia border in the northeastern region of North Carolina’s piedmont region. Composed of 8 separate recreation areas in Vance and Warren counties, Kerr Lake State Recreation Area is accessed via I-85 and US-1 on the east side of the reservoir and NC39 on the west side.



PARK PURPOSE:

The need for flood control and hydroelectric power led to the development of the John H. Kerr Dam and Reservoir, named for the North Carolina Congressman who took a prominent role in supporting the project. The U.S. Army Corps of Engineers (USACE) constructed the dam and reservoir from 1946 through 1953 for the purposes of flood control, hydropower generation, downstream flow augmentation and recreation. Other benefits of the reservoir include fish and wildlife conservation, forest management and water supply.

In response to local interest in developing outdoor recreation at the lake, the 1951 North Carolina General Assembly established the Buggs Island Development Commission. The Commission began negotiating with the USACE for the leasing of lands to the State to be used as recreational areas. The first lease for 5,500 acres in Vance County - included Bullocksville, Nutbush, and Satterwhite Point recreation areas, with leases for County Line and Kimball Point following in 1953 and Henderson Point and Hibernia in 1969. The 375-acre Townsville Landing Recreation Area was leased in 1975. The park is accessible off Interstate 85 and centrally located near the urban center of Research Triangle Area, North Carolina and Richmond, Virginia.



SUMMER AT KERR LAKE BEACH

I. MISSION AND PURPOSE



EARLY SPRING FISHING ON KERR LAKE

Located in both North Carolina and Virginia, the 48,900-acre reservoir and its 800-mile shoreline is a major statewide recreational resource. Seven major access areas comprise Kerr Lake State Recreation Area and provide public access to the reservoir for water-based recreational activities. A variety of recreational facilities encourages the use of the lake and provides resource-compatible recreational activities such as: swimming, different types of camping, boating, water skiing, and picnicking. Tent and trailer, group, primitive and Recreational Vehicle(RV) camping offer options for overnight visitors, and recreation area staff provide natural and cultural resource interpretation. Private concession-operated marinas include Steele Creek and Satterwhite Point marinas; provide facilities for park visitors and offers boat slips, mooring, equipment rentals, service, fuel and supplies.

Kerr Lake State Recreation Area sites are located on peninsulas, some of which protrude into Kerr Lake for over a mile. The settings provide outstanding scenic vistas of the lake and its shoreline, available from both land and on the water. Scenic stream confluences, beaches, peninsulas, bluffs and rock outcrops punctuate the rolling topography of the forested lakeshore and offer a contrast to the flat waters of the lake. The diverse topography creates scenic views of open water, curving channels, coves, and inlets.

Kerr Lake SRA is in a geologic belt known as the Raleigh belt, an area composed primarily of metamorphic rocks and igneous intrusive rocks. The main metamorphic rock types at Kimball Point and County Line are interlayered biotite gneiss, felsic gneiss and hornblende gneiss. A zone of deformed or sheared rock, called the “Nutbush Creek mylonite zone”, is exposed at Henderson Point and drifts in a southwesterly direction through

I. MISSION AND PURPOSE

Bullocksville and Satterwhite Point. This relatively narrow, steeply inclined fault zone separates the Raleigh belt from the Carolina slate belt. Due to the location of an ancient fault line, Nutbush Creek is a relatively straight landform.

A majority of the environment is covered by forests in various stages of regrowth that follow the former farming and timbering practices. Mammals such as: white-tailed deer, raccoons, Virginia opossums, gray foxes, red foxes, cottontail rabbits and gray squirrels are common in the woods and along the shore. Beavers, muskrats and a few river otters make their homes at Kerr Lake as well. Reptiles include: frogs, toads, turtles, lizards and snakes. Bird species typical of the Carolina Piedmont include: wading birds, birds of prey, eagles, and migrating species.

The Occoneechee Indians once lived in the area, but Nathaniel Bacon led dispersment of them in 1676. The Roanoke River was the main transportation and supply route for both Native Americans and early settlers. Constant, regular flooding of the river provided rich and productive farmland that sustained the area for generations.

The North Carolina Division of Parks and Recreation manages Kerr Lake State Recreation and its outstanding recreational and scenic resources as well as its geological, biological and archaeological significance. The Division is responsible for preserving resources and providing park experiences for recreation, conservation and educational purposes.



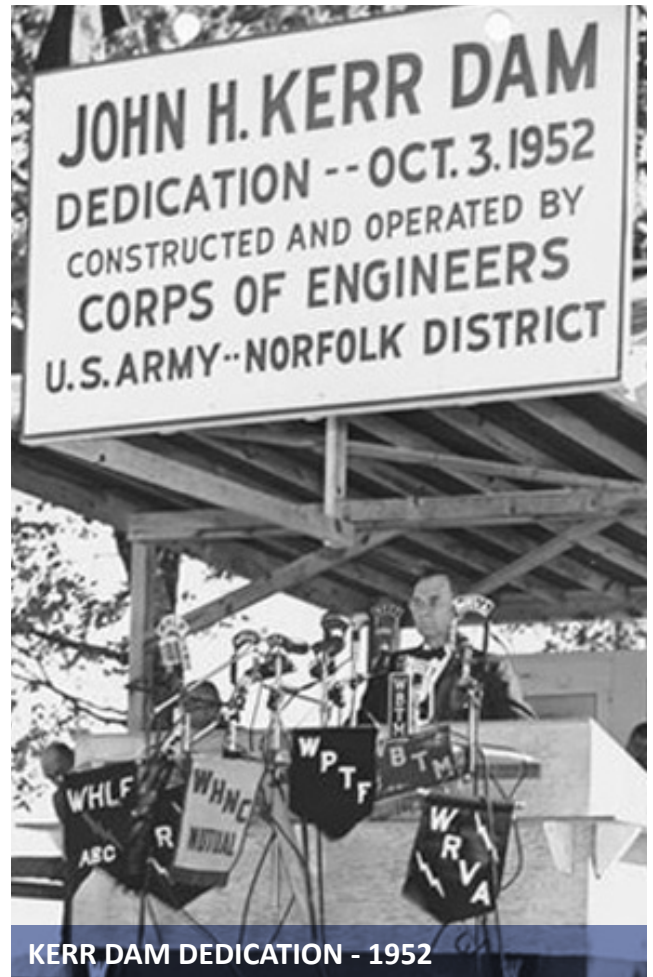
WINTER DUSTING ON KERR LAKE

II. HISTORY

The Occoneechee Indians once lived in the Kerr Lake area until they were dispersed by Nathaniel Bacon in 1676. Until that date, the Roanoke River was the main transportation and supply route for both Native Americans and early settlers. Constant, regular flooding of the river provided rich and productive farmland that sustained the area for generations. The remains of early European settlements are present at Satterwhite Point and Nutbush areas.

The development of cities and homes along the river and the increased demand for flood control and electricity led to the construction of the John H. Kerr Reservoir, named after the North Carolina congressman instrumental in the reservoir's development. Construction of this reservoir that straddles Virginia and North Carolina began in 1946 and was completed in 1953.

The Kerr Reservoir Commission was then created to govern the North Carolina parks bordering the lake. The N.C. Division of Parks and Recreation eventually took control of the seven recreation areas of the reservoir in 1981. In addition to water resource management, the reservoir provides fish and wildlife conservation, forest management and recreation.



KERR DAM DEDICATION - 1952



JOHN H. KERR DAM CONSTRUCTION



III. THEMES AND INVENTORY

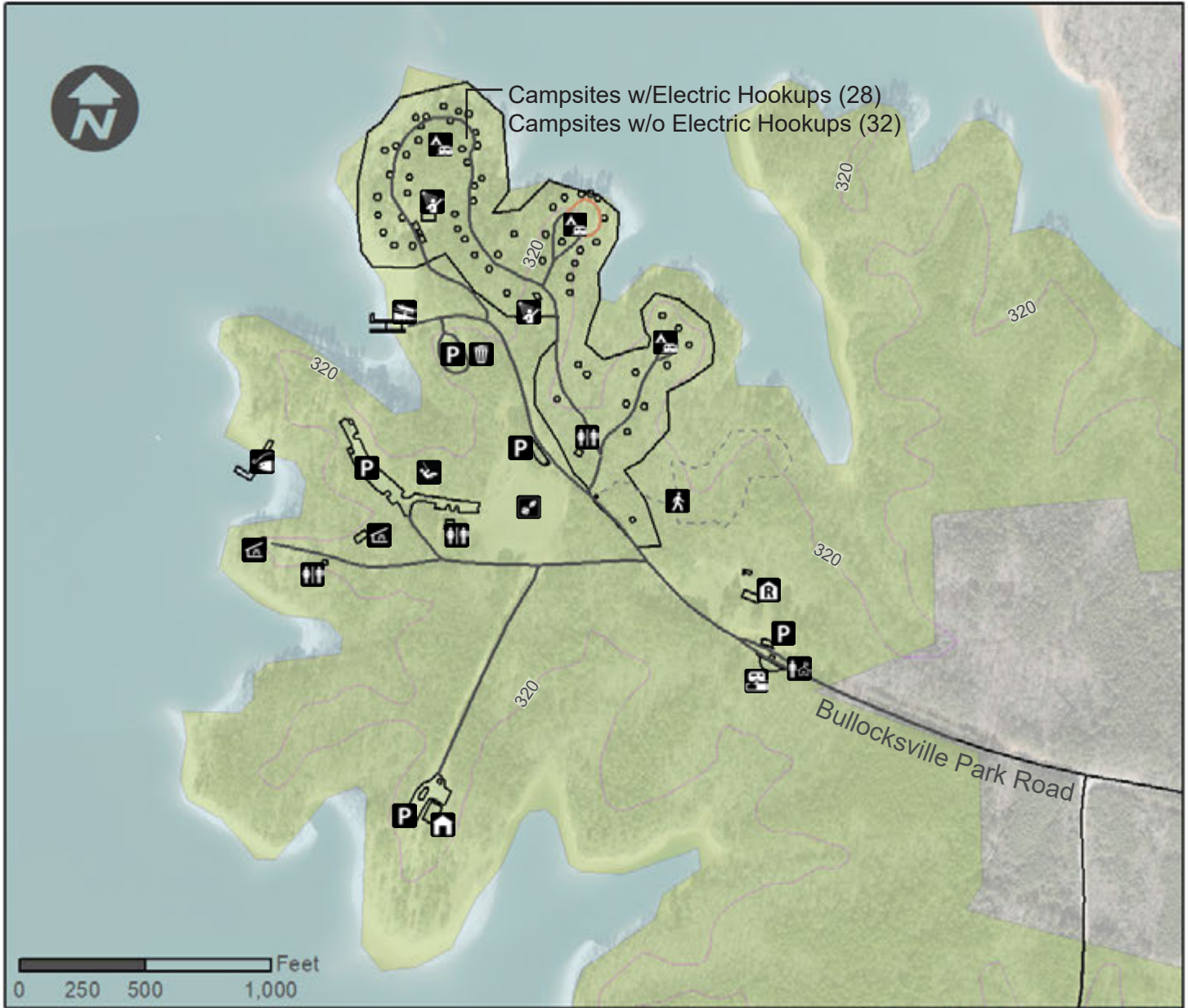
THEMES:

The significant archeological, geologic, scenic, recreational and biological resources of North Carolina should be represented in the State Park system. These resources, as cited in the State Parks Act, are divided into sub-categories called resource “themes”. There have been 108 themes identified that should be protected to preserve representative examples of unique resources. For this General Management Plan, only themes that are of high significance to Kerr Lake State Recreation Area are shown.

KERR LAKE STATE RECREATION AREA THEME TABLE

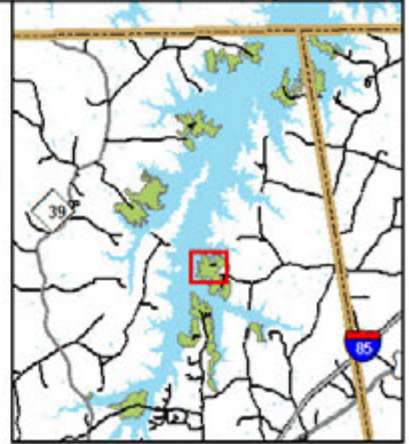
THEME TYPE	THEME	KERR LAKE REC. SIGNIFICANCE	STATE PARKS SYSTEM REPRESENTATION
Archeological/Historic	Rural-Domestic	High	Adequate
Archeological/Historic	Transportation	High	Moderate
Archeological/Historic	Underwater	High	Moderate
Archeological/Prehistoric	Burial/Cemetery	High	Moderate
Archeological/Prehistoric	Campsite/Activity Area	High	Adequate
Archeological/Prehistoric	Underwater	High	Adequate
Archeological/Prehistoric	Village	High	Moderate
Archeological/ Standing Structure	Rural-Domestic	High	Adequate
Biological	Piedmont & Coastal Plain Mesic Forests	High	Adequate
Geological	Faults, Joints, & Related Features	High	Adequate
Geological	Intrusions	High	Adequate
Geological	Metamorphic Features	High	Adequate
Scenic	Forests	High	Moderate
Scenic	Meadows/Grasslands	High	Little
Scenic	Reservoirs/Lakes	High	Adequate
Scenic	Scenic Vistas	High	Moderate

FACILITY INVENTORY - BULLOCKSVILLE



- | | |
|------------------------|------------------|
| Parking Area | Hiking Trail |
| Restrooms | Ball Field |
| Tent & Trailer Camping | Picnic Tables |
| Picnic Shelter | Dumpster |
| Fishing Pier | Playground |
| Boat Ramp | Bathhouse |
| Community Building | Dump Station |
| Refreshment Stand | Visitor Center |
| Ranger Residence | Entrance Station |

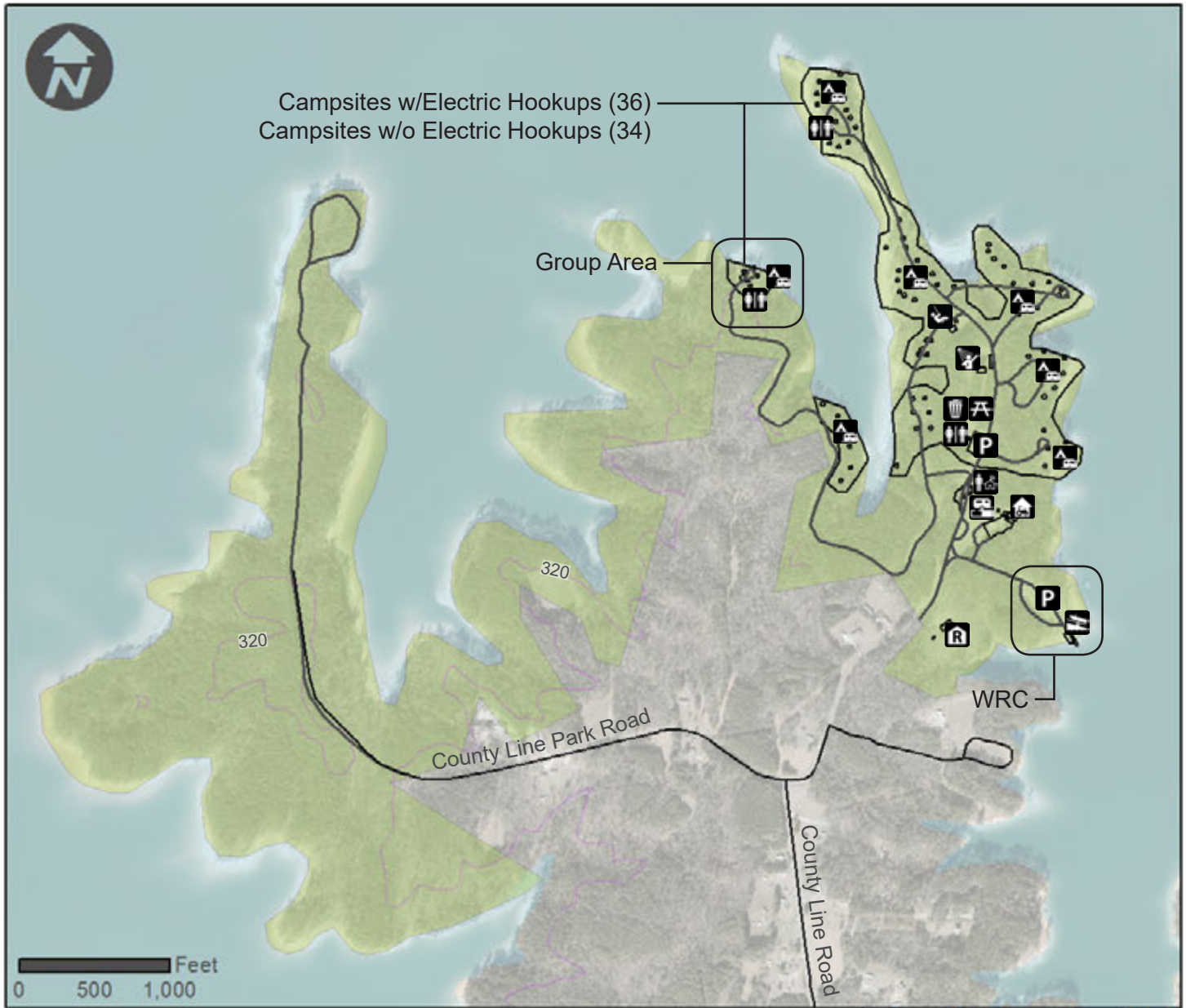
- Existing Trail
- Road - Paved
- Road - Unpaved
- Existing Facilities
- 320'
- State Parks Unit



NC STATE PARKS - FACILITY INVENTORY SPREADSHEET

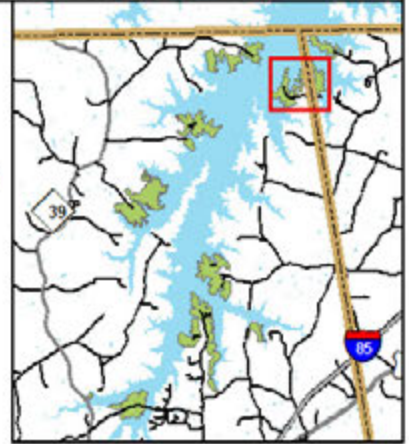
State Park Unit(Alpha Code):		KELA		Park Area(If Applicable):		Bullocksville	
						Date(MM/YY):	18-Dec
Public Buildings		Unit	Total #	Condition	Repairs needed(If Applicable)		
Visitor Center		BLDG	0				
Restrooms		BLDG	2	Fair	Approx 50 years old, not ADA, small concrete buildings		
Bathhouse		BLDG	0				
Showerhouse		BLDG	2	Fair	1 fair in non-electric loop (91-11-39)(Cont'd Pg. 26)		
Community Building		BLDG	1	Fair	Issues with settling(Cont'd PG 26)		
Picnic Shelter		BLDG	2	Good			
Concession Stand		BLDG	1	Fair	Only restroom portion currently used(Cont'd Pg. 26)		
Entrance Station		BLDG	1	Good			
Marina Buildings		BLDG	0				
Staff Buildings		Unit	Total #	Condition	Repairs needed(If Applicable)		
Ranger Residence		BLDG	1	Good			
Maintenance Building		BLDG	0				
Warehouse		BLDG	0				
Recreation Facilities		Unit	Number	Condition	Repairs needed(If Applicable)		
Campsites with Hookups		SITE	28	Fair	28 counting host site; 20 years old(Cont'd Pg. 26)		
Electric Only		SITE					
3-Point Hookup		SITE					
ADA Accessible		SITE	1	Fair			
Total with Hookups			29				
Campsites No Hookups		SITE	31	Bad	Some actually fair(Cont'd Pg. 26)		
ADA Accessible		SITE	0				
Total No Hookups			31				
Cabin		BLDG	0				
Group Campsites		SITE	0				
Primitive Campsites		SITE	0				
Boat Ramp		RAMP	1	Good			
Fishing Pier		PIER	1	Good	Replaced decking & rails & repaired walkway in 2018		
Marina		MARINA	0				
Swimming Beach		SITE	0				
Pool		POOL	0				
Ball Fields		SF	1	Fair	infield is grown up; not a high priority		
Playground		SITE	1	Fair			
Courts		COURT	0				
Amphitheater		THEATER	0				
Observation Deck		DECK	0				
Picnic Area		SITE	1	Good			
Other Facilities		Unit	Total #	Condition	Repairs needed(If Applicable)		
Dump Station		STATION	1	Good			
Dumpster		DUMPSTER	2	Good	Waste Industries contract		
Septic Field- Electric sites sh		SITE	9	Fair	(See Pg. 26)		
Cemetery		SITE	0				
Chapel		BLDG	0				
ADDITIONAL NOTES:							

FACILITY INVENTORY - COUNTY LINE



- | | |
|------------------------|------------------|
| Parking Area | Ranger Station |
| Restrooms | Ball Field |
| Tent & Trailer Camping | Maintenance Area |
| Picnic Shelter | Dumpster |
| Fishing Pier | Playground |
| Boat Ramp | Bathhouse |
| Community Building | Dump Station |
| Refreshment Stand | Visitor Center |
| Ranger Residence | Entrance Station |

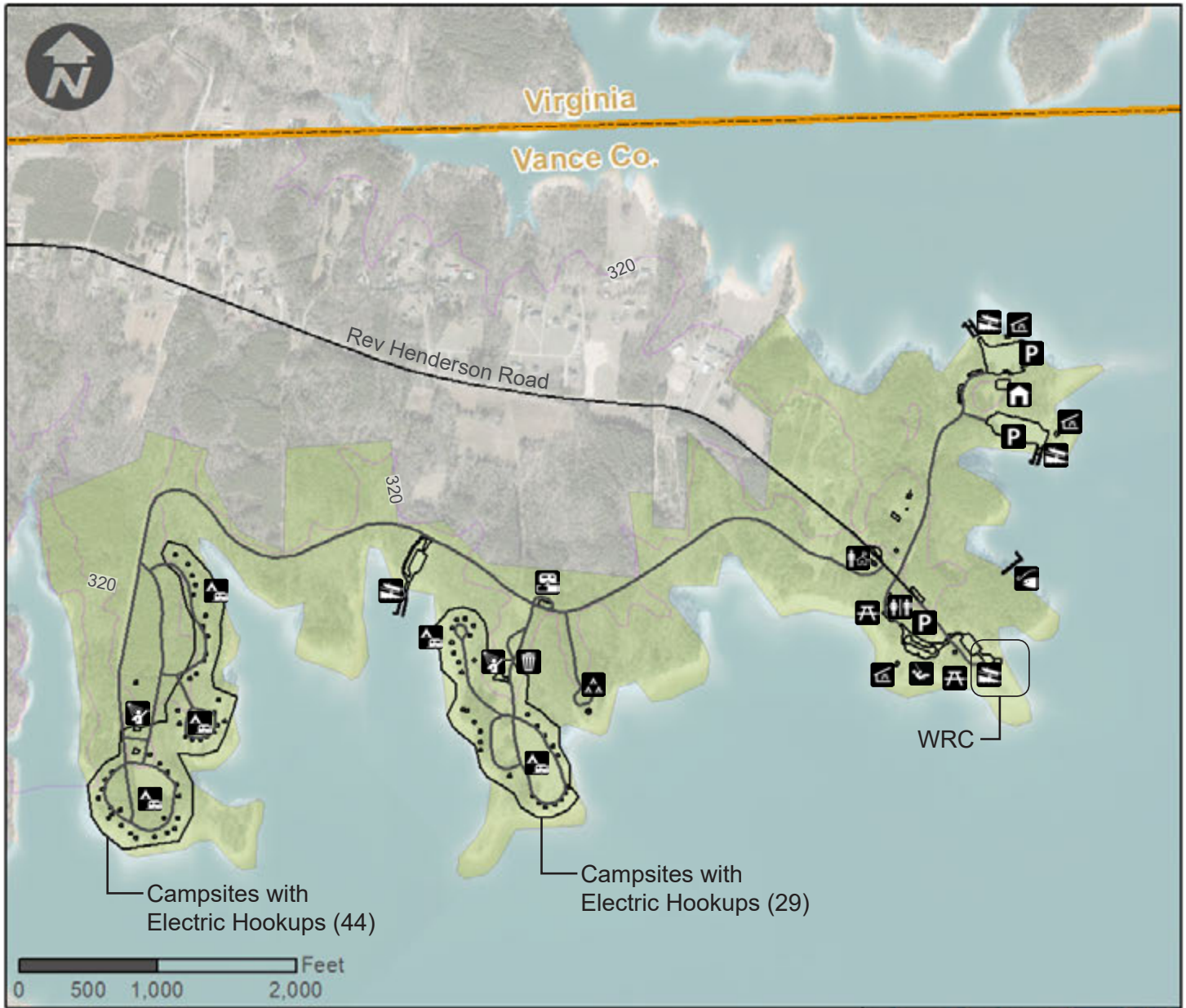
- Existing Trail
- Road - Paved
- Road - Unpaved
- Existing Facilities
- 320'
- State Parks Unit



NC STATE PARKS - FACILITY INVENTORY SPREADSHEET

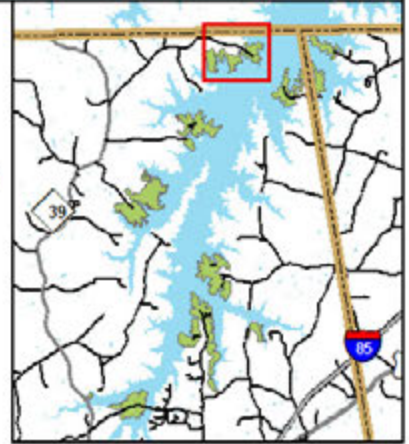
State Park Unit(Alpha Code):		KELA		Park Area(If Applicable):		County Line	
						Date(MM/YY):	18-Dec
Public Buildings		Unit	Total #	Condition	Repairs needed(If Applicable)		
Visitor Center		BLDG	0				
Restrooms		BLDG	3	Bad	All are very small CMU(Cont'd Pg. 26)		
Bathhouse		BLDG					
Showerhouse		BLDG	1	Good			
Community Building		BLDG	0				
Picnic Shelter		BLDG	0				
Concession Stand		BLDG	0				
Entrance Station		BLDG	1	Good			
Marina Buildings		BLDG	0				
Staff Buildings		Unit	Total #	Condition	Repairs needed(If Applicable)		
Ranger Residence		BLDG	1	Good			
Maintenance Building		BLDG	1	Good			
Warehouse		BLDG	0				
Recreation Facilities		Unit	Number	Condition	Repairs needed(If Applicable)		
Campsites with Hookups		SITE	37	Bad	Bad to Fair(Cont'd Pg. 26)		
Electric Only		SITE	0				
3-Point Hookup		SITE	0				
ADA Accessible		SITE	1				
Total with Hookups							
Campsites No Hookups		SITE	25				
ADA Accessible		SITE	0				
Total No Hookups							
Cabin		BLDG	0				
Group Campsites		SITE	1	Good	Converted sites 78-84 into 35 person Group Area.		
Primitive Campsites		SITE	0				
Boat Ramp		RAMP	0		The ramp is managed by NCWRC		
Fishing Pier		PIER	0		The pier is managed by NCWRC		
Marina		MARINA	0				
Swimming Beach		SITE	0				
Pool		POOL	0				
Ball Fields		SF	0				
Playground		SITE	1				
Courts		COURT	0				
Amphitheater		THEATER	0				
Observation Deck		DECK	0				
Picnic Area		SITE	0				
Other Facilities		Unit	Total #	Condition	Repairs needed(If Applicable)		
Dump Station		STATION	1	Good			
Dumpster		DUMPSTER	2	Good	Waste Industries Contract		
Septic Field		SITE	6	Bad	(See Pg. 26)		
Cemetery		SITE	0				
Chapel		BLDG	0				
ADDITIONAL NOTES:							

FACILITY INVENTORY - HENDERSON POINT



- | | |
|------------------------|------------------|
| Parking Area | Group Camping |
| Restrooms | Ball Field |
| Tent & Trailer Camping | Picnic Tables |
| Picnic Shelter | Dumpster |
| Fishing Pier | Playground |
| Boat Ramp | Bathhouse |
| Community Building | Dump Station |
| Refreshment Stand | Visitor Center |
| Ranger Residence | Entrance Station |

- Existing Trail
- Road - Paved
- Road - Unpaved
- Existing Facilities
- 320'
- State Parks Unit



NC STATE PARKS - FACILITY INVENTORY SPREADSHEET

State Park Unit(Alpha Code): KELA	Park Area(If Applicable): Henderson Point	Date(MM/YY):	18-Dec
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Public Buildings	Unit	Total #	Condition	Repairs needed(If Applicable)
Visitor Center	BLDG	0		
Restrooms	BLDG	1	Bad	Replace- approx 50 y/o, very small, worn, non-ADA
Bathhouse	BLDG	0		
Showerhouse	BLDG	2	Fair	1 fair(Area 2# 91-11-147) & 1 good(Area 1# 91-11-177)
Community Building	BLDG	1	Fair	Needs new windows, new carpet or flooring
Picnic Shelter	BLDG	3	Good	
Concession Stand	BLDG	0		
Entrance Station	BLDG	1	Good	
Marina Buildings	BLDG	0		
Staff Buildings	Unit	Total #	Condition	Repairs needed(If Applicable)
Ranger Residence	BLDG	1	Fair	Water leak around chimney(Cont'd Pg. 26)
Maintenance Building	BLDG	1	Good	Just an open shed
Warehouse	BLDG	0		
Recreation Facilities	Unit	Number	Condition	Repairs needed(If Applicable)
Campsites with Hookups	SITE	40	Fair	Fair to good(Cont'd Pg. 26)
Electric Only	SITE			
3-Point Hookup	SITE			
ADA Accessible	SITE	3	Fair	Fair to good; H3 is 20 y/o; H4 and H5 are 8 y/o
Total with Hookups		43		
Campsites No Hookups	SITE	29	Good	
ADA Accessible	SITE	2	Good	
Total No Hookups		31		
Cabin	BLDG	0		
Group Campsites	SITE	1	Fair	Just area large enough for several tents(Cont'd Pg. 26)
Primitive Campsites	SITE	0		
Boat Ramp	RAMP	3	Bad	Bad to good(Cont'd Pg. 26)
Fishing Pier	PIER	1	Fair	Decking & rails beginning to show wear(Cont'd Pg. 26)
Marina	MARINA	0		
Swimming Beach	SITE	0		
Pool	POOL	0		
Ball Fields	SF	0		
Playground	SITE	1	Fair	20-year-old tot lot(Cont'd Pg. 26)
Courts	COURT	0		
Amphitheater	THEATER	0		
Observation Deck	DECK	0		
Picnic Area	SITE	1	Fair	
Other Facilities	Unit	Total #	Condition	Repairs needed(If Applicable)
Dump Station	STATION	1	Good	
Dumpster	DUMPSTER	3	Good	Waste industries owned
Septic Field	SITE	7	Fair	(See Pg. 26)
Cemetery	SITE	0		
Chapel	BLDG	0		

ADDITIONAL NOTES:

FACILITY INVENTORY - HIBERNIA



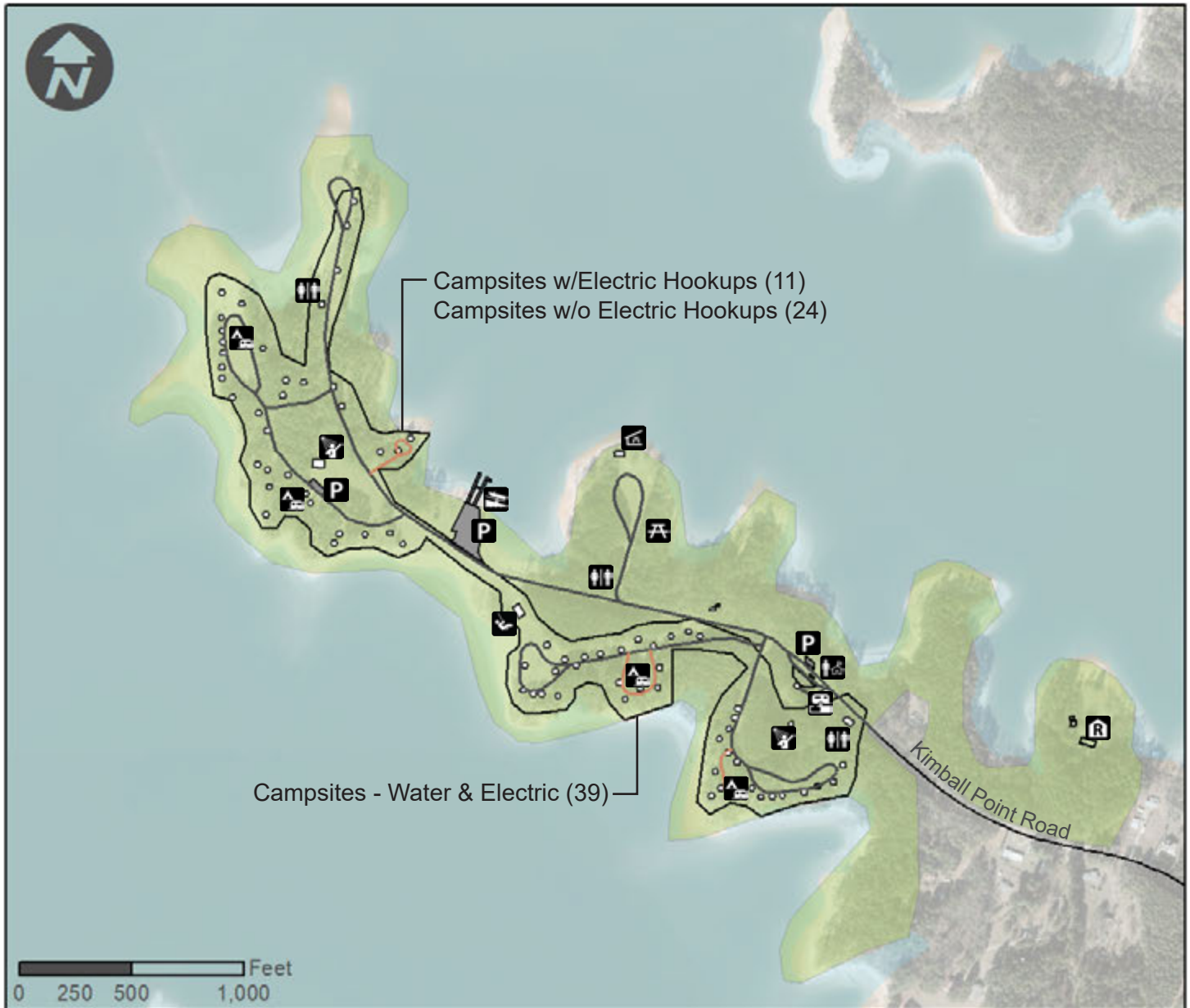
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|---------------------------------|------------------------------------|-----------------------|
| P Parking Area | ▲ Hiking Trail | --- Existing Trail |
| ♿ Restrooms | ▲▲ Group Camping-No Hookups | — Road - Paved |
| ⛖ Tent & Trailer Camping | ☜ Picnic Tables | — Road - Unpaved |
| ☑ Picnic Shelter | ♻️ Dumpster | ▭ Existing Facilities |
| 🏠 Maintenance Area | 🎡 Playground | — 320' |
| 🚤 Boat Ramp | 🚿 Bathhouse | ■ State Parks Unit |
| 🏠 Community Building | 🗑️ Dump Station | |
| ⚰ Cemetery | Ⓐ Assembly Area | |
| 🏠 Ranger Residence | 🚶 Entrance Station | |



NC STATE PARKS - FACILITY INVENTORY SPREADSHEET

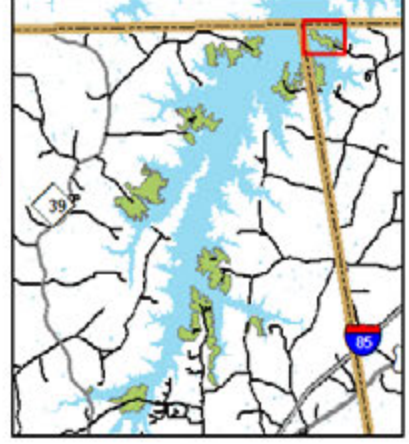
State Park Unit(Alpha Code):		KELA	Park Area(If Applicable):		Hibernia
				Date(MM/YY):	1/3/2019
Public Buildings	Unit	Total #	Condition	Repairs needed(If Applicable)	
Visitor Center	BLDG	0			
Restrooms	BLDG	3	Fair	Day use toilet (91-11-146)is good(Cont'd Pg. 27)	
Bathhouse	BLDG	0			
Showerhouse	BLDG	3	Good		
Community Building	BLDG	0			
Picnic Shelter	BLDG	1	Fair		
Concession Stand	BLDG	0			
Entrance Station	BLDG	1	Good		
Marina Buildings	BLDG	0			
Staff Buildings	Unit	Total #	Condition	Repairs needed(If Applicable)	
Ranger Residence	BLDG	1	Fair		
Maintenance Building	BLDG	2	Bad		
Warehouse	BLDG	0			
Recreation Facilities	Unit	Number	Condition	Repairs needed(If Applicable)	
Campsites with Hookups	SITE	47	Fair	Area 2 - fair. Need work like new timbers(Cont'd Pg. 27)	
Electric Only	SITE	0			
3-Point Hookup	SITE	0			
ADA Accessible	SITE	1	Good		
Total with Hookups					
Campsites No Hookups	SITE	92	Bad	Some are good; most are fair to bad(Cont'd Pg. 27)	
ADA Accessible	SITE	0			
Total No Hookups					
Cabin	BLDG	0			
Group Campsites	SITE	1	Fair	new toilet building needed	
Primitive Campsites	SITE	0			
Boat Ramp	RAMP	1	Fair	1 of the 2 lanes needs to be extended(Cont'd Pg. 27)	
Fishing Pier	PIER	0			
Marina	MARINA	0			
Swimming Beach	SITE	?			
Pool	POOL	0			
Ball Fields	SF	0			
Playground	SITE	1	Fair	20 year old tot lot(Cont'd Pg. 27)	
Courts	COURT	0			
Amphitheater	THEATER	1	Fair		
Observation Deck	DECK	0			
Picnic Area	SITE	3			
Other Facilities	Unit	Total #	Condition	Repairs needed(If Applicable)	
Dump Station	STATION	2	Fair	Area 1 Dump Station works well(Cont'd Pg. 27)	
Dumpster	DUMPSTER	5	Good	Contract with Waste Industries	
Septic Field	SITE	11	Fair	(See Pg. 27)	
Cemetery	SITE	1	Good		
Chapel	BLDG				
ADDITIONAL NOTES:					

FACILITY INVENTORY - KIMBALL POINT



- | | |
|------------------------|------------------|
| Parking Area | Hiking Trail |
| Restrooms | Ball Field |
| Tent & Trailer Camping | Picnic Tables |
| Picnic Shelter | Dumpster |
| Fishing Pier | Playground |
| Boat Ramp | Bathhouse |
| Community Building | Dump Station |
| Refreshment Stand | Visitor Center |
| Ranger Residence | Entrance Station |

- Existing Trail
- Road - Paved
- Road - Unpaved
- Existing Facilities
- 320'
- State Parks Unit



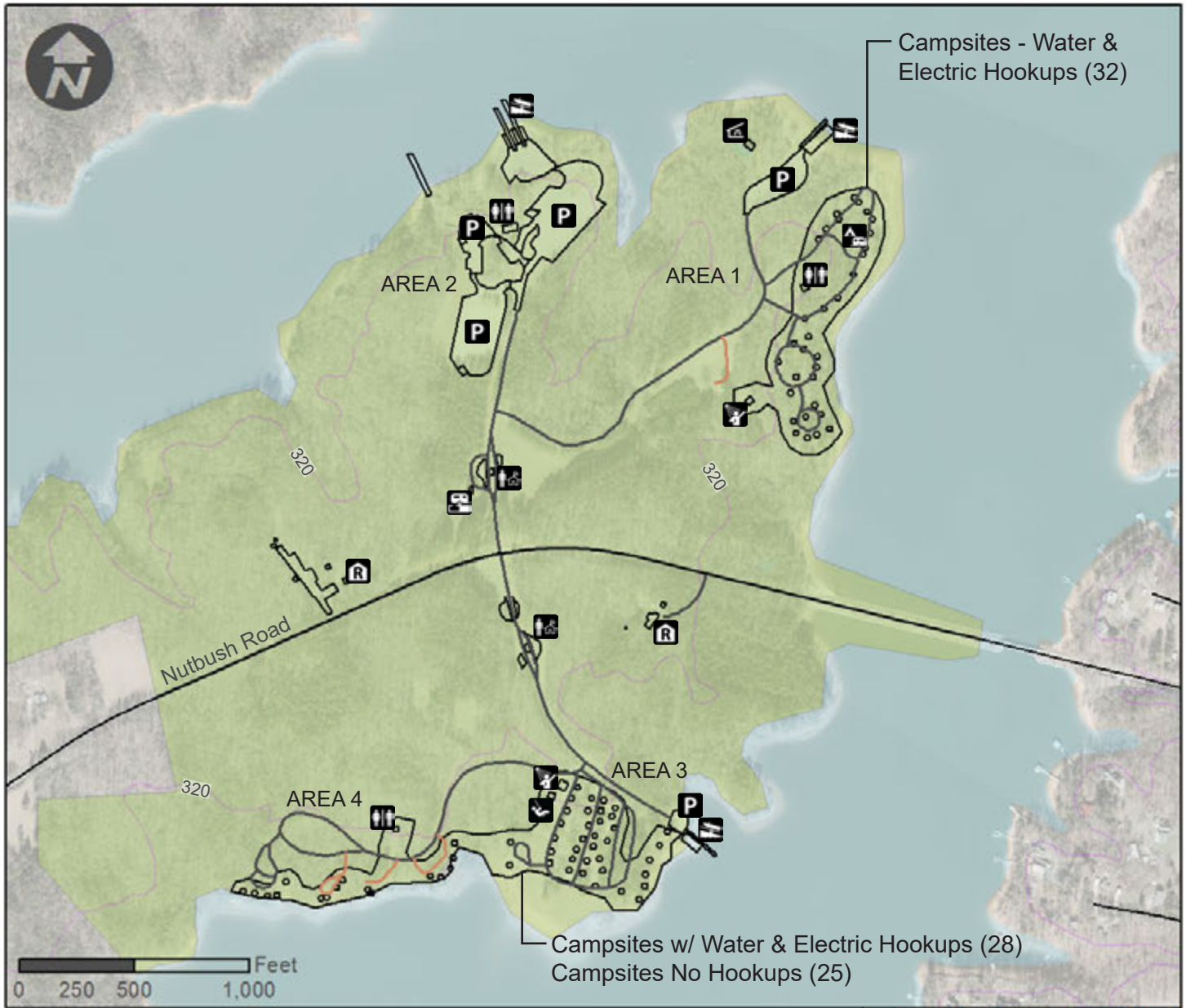
NC STATE PARKS - FACILITY INVENTORY SPREADSHEET

State Park Unit(Alpha Code): KELA	Park Area(If Applicable): Kimball Point	Date(MM/YY):	12/1/2018
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Public Buildings	Unit	Total #	Condition	Repairs needed(If Applicable)
Visitor Center	BLDG	0		
Restrooms	BLDG	2	Bad	Need replacement; 50 y/o(Cont'd Pg. 27)
Bathhouse	BLDG	0		
Showerhouse	BLDG	2	Fair	Area 2 shower functions ok(Cont'd Pg. 27)
Community Building	BLDG	0		
Picnic Shelter	BLDG	1	Fair	
Concession Stand	BLDG	0		
Entrance Station	BLDG	1	Good	
Marina Buildings	BLDG	0		
Staff Buildings	Unit	Total #	Condition	Repairs needed(If Applicable)
Ranger Residence	BLDG	1	Fair	
Maintenance Building	BLDG	0		
Warehouse	BLDG	0		
Recreation Facilities	Unit	Number	Condition	Repairs needed(If Applicable)
Campsites with Hookups	SITE	47	Fair	Wide variety of condition(Cont'd Pg. 27)
Electric Only	SITE	0		
3-Point Hookup	SITE	0		
ADA Accessible	SITE	1	Good	
Total with Hookups				
Campsites No Hookups	SITE	27	Bad	Actually bad to good;(Cont'd Pg. 27)
ADA Accessible	SITE	0		
Total No Hookups				
Cabin	BLDG	0		
Group Campsites	SITE	0		
Primitive Campsites	SITE	0		
Boat Ramp	RAMP	1	Good	
Fishing Pier	PIER	0		
Marina	MARINA	0		
Swimming Beach	SITE	1	Fair	Not a defined swim area,(Cont'd Pg. 27)
Pool	POOL	0		
Ball Fields	SF	0		
Playground	SITE	1	Fair	20 year old tot lot(Cont'd Pg. 27)
Courts	COURT	0		
Amphitheater	THEATER	0		
Observation Deck	DECK	0		
Picnic Area	SITE	1	Fair	
Other Facilities	Unit	Total #	Condition	Repairs needed(If Applicable)
Dump Station	STATION	1	Good	
Dumpster	DUMPSTER	2	Good	Contract with Waste Industries
Septic Field	SITE	7	Fair	(Cont'd Pg. 27)
Cemetery	SITE	0		
Chapel	BLDG	0		

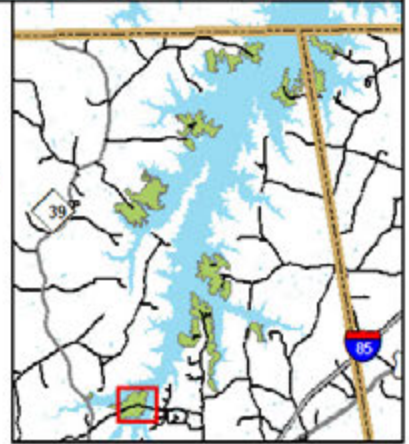
ADDITIONAL NOTES:

FACILITY INVENTORY - NUTBUSH BRIDGE



- | | |
|------------------------|------------------|
| Parking Area | Hiking Trail |
| Restrooms | Ball Field |
| Tent & Trailer Camping | Picnic Tables |
| Picnic Shelter | Dumpster |
| Boat Dock | Playground |
| Boat Ramp | Bathhouse |
| Community Building | Dump Station |
| Refreshment Stand | Visitor Center |
| Ranger Residence | Entrance Station |

- Existing Trail
- Road - Paved
- Road - Unpaved
- Existing Facilities
- 320'
- State Parks Unit



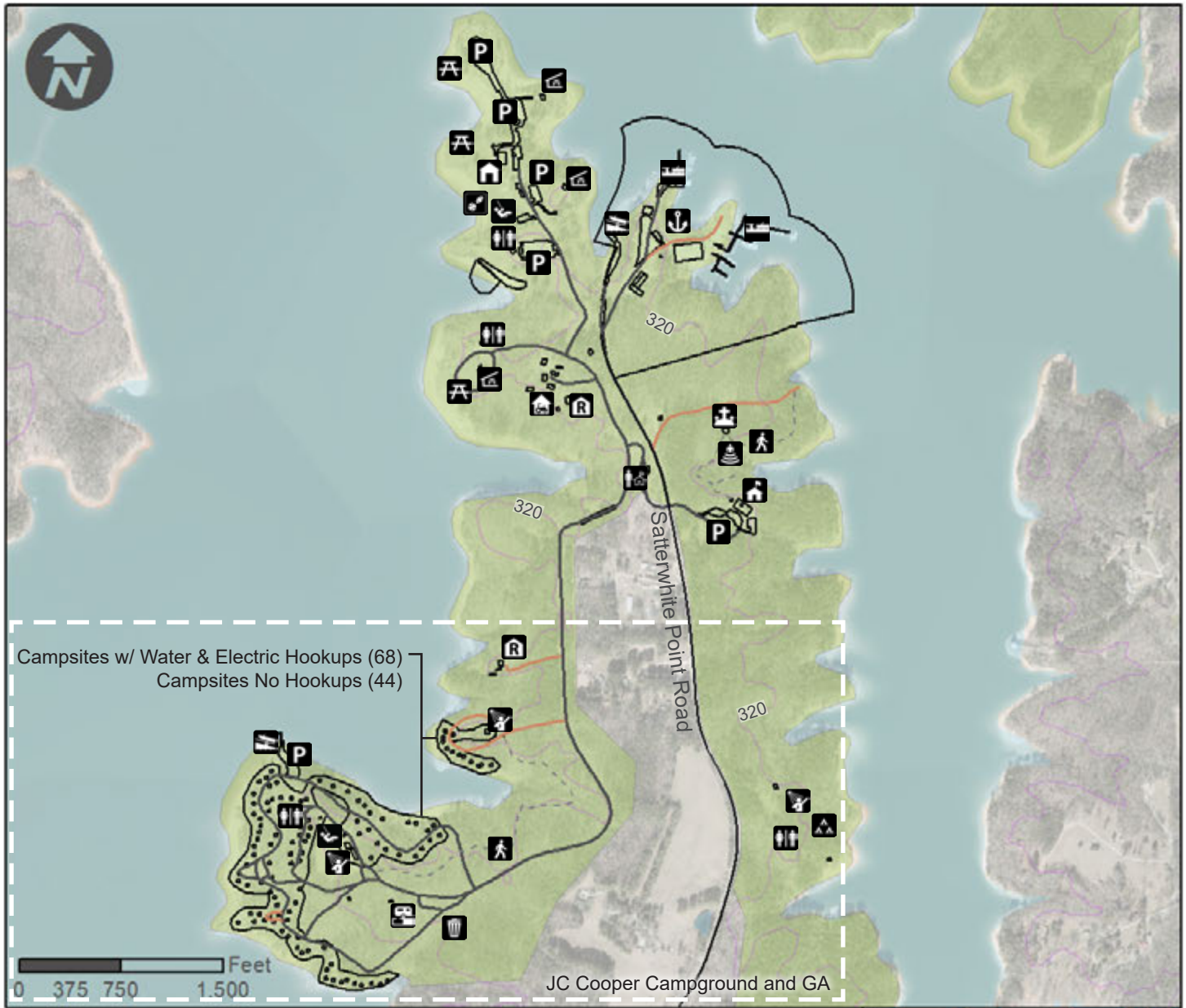
NC STATE PARKS - FACILITY INVENTORY SPREADSHEET

State Park Unit(Alpha Code): KELA	Park Area(If Applicable): Nutbush	Date(MM/YY):	12/31/2018
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Public Buildings	Unit	Total #	Condition	Repairs needed(If Applicable)
Visitor Center	BLDG	0		
Restrooms	BLDG	3	Bad	(See Pg. 27)
Bathhouse	BLDG	0		
Showerhouse	BLDG	2	Bad	(See Pg. 27)
Community Building	BLDG	0		
Picnic Shelter	BLDG	1	Fair	
Concession Stand	BLDG	0		
Entrance Station	BLDG	2	Good	
Marina Buildings	BLDG	0		
Staff Buildings	Unit	Total #	Condition	Repairs needed(If Applicable)
Ranger Residence	BLDG	2	Fair	(See Pg. 28)
Maintenance Building	BLDG	0		
Warehouse	BLDG	0		
Recreation Facilities	Unit	Number	Condition	Repairs needed(If Applicable)
Campsites with Hookups	SITE	60	Fair	Some are in good shape; some need timbers & fixtures
Electric Only	SITE	0		
3-Point Hookup	SITE	0		
ADA Accessible	SITE	2	Good	
Total with Hookups				
Campsites No Hookups	SITE	19	Bad	None have timbers or proper fire rings; Erosion
ADA Accessible	SITE	0		
Total No Hookups				
Cabin	BLDG	0		
Group Campsites	SITE	0		
Primitive Campsites	SITE	0		
Boat Ramp	RAMP	3	Good	Good overall
Fishing Pier	PIER	0		
Marina	MARINA	0		
Swimming Beach	SITE	0		
Pool	POOL	0		
Ball Fields	SF	0		
Playground	SITE	1	Fair	20 year old tot lot(Cont'd Pg. 28)
Courts	COURT	0		
Amphitheater	THEATER	0		
Observation Deck	DECK	0		
Picnic Area	SITE	1		
Other Facilities	Unit	Total #	Condition	Repairs needed(If Applicable)
Dump Station	STATION	1	Fair	Generally gets backed up(Cont'd Pg. 28)
Dumpster	DUMPSTER	3	Good	Waste Industries Contract
Septic Field	SITE	9	Bad	Bad to good(Cont'd Pg. 28)
Cemetery	SITE	0		
Chapel	BLDG	1	Good	

ADDITIONAL NOTES:

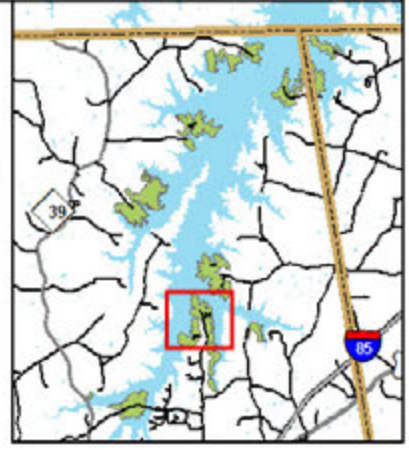
FACILITY INVENTORY - SATTERWHITE POINT



Campsites w/ Water & Electric Hookups (68)
Campsites No Hookups (44)

JC Cooper Campground and GA

- | | | |
|------------------------|--------------------------|---------------------|
| Parking Area | Hiking Trail | Existing Trail |
| Restrooms | Group Camping-No Hookups | Road - Paved |
| Tent & Trailer Camping | Picnic Tables | Road - Unpaved |
| Picnic Shelter | Dumpster | Existing Facilities |
| Boat Dock | Playground | 320' |
| Boat Ramp | Bathhouse | State Parks Unit |
| Community Building | Dump Station | Amphitheater |
| Maintenance Area | Visitor Center | Visitor Center |
| Ranger Residence | Entrance Station | Ball Field/Court |



NC STATE PARKS - FACILITY INVENTORY SPREADSHEET

State Park Unit(Alpha Code): KELA	Park Area(If Applicable): Satterwhite Point	Date(MM/YY):	18-Nov
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Public Buildings	Unit	Total #	Condition	Repairs needed(If Applicable)
Visitor Center	BLDG	1	Good	A couple of exhibits need repair(Cont'd Pg. 28)
Restrooms (Shelter #3)	BLDG	1	Bad	Shelter #3 Toilet - 50 years old - Non ADA
Bathhouse (Swim Beach)	BLDG	1	Fair	
Showerhouse	BLDG	0		
Community Building	BLDG	1	Good	
Picnic Shelter	BLDG	3	Fair	
Concession Stand	BLDG	0		
Entrance Station	BLDG	1	Good	
Marina Buildings	BLDG	2	Fair	(See Pg. 28)
Staff Buildings	Unit	Total #	Condition	Repairs needed(If Applicable)
Ranger Residence	BLDG	1	Fair	
Maintenance Building	BLDG	3	Bad	(See Pg. 28)
Warehouse	BLDG	1	Fair	
Recreation Facilities	Unit	Number	Condition	Repairs needed(If Applicable)
Campsites with Hookups	SITE	0		
Electric Only	SITE	0		
3-Point Hookup	SITE	0		
ADA Accessible	SITE	0		
Total with Hookups		0		
Campsites No Hookups	SITE	0		
ADA Accessible	SITE	0		
Total No Hookups		0		
Cabin	BLDG	0		
Group Campsites	SITE	0		
Primitive Campsites	SITE	0		
Boat Ramp	RAMP	0		
Fishing Pier	PIER	0		
Marina	MARINA	1	Fair	50 YO; tiny with no ADA
Swimming Beach	SITE	1	Fair	Ongoing issue with sand washing away
Pool	POOL	0		
Ball Fields	SF	0		
Playground	SITE	1	Bad	Closed(Cont'd Pg. 28)
Courts (Volley Ball)	COURT	1	Good	
Amphitheater	THEATER	1		
Observation Deck	DECK	0		
Picnic Area	SITE	1		
Other Facilities	Unit	Total #	Condition	Repairs needed(If Applicable)
Dump Station	STATION	0		
Dumpster	DUMPSTER	3	Fair	Contract with Waste Industries
Septic Field - Comm Bldg., S	SITE	8	Fair	Actually Fair-Good
Cemetery	SITE	2	Good	(See Pg. 28)
Chapel	BLDG	0		

ADDITIONAL NOTES:

NC STATE PARKS - FACILITY INVENTORY SPREADSHEET

State Park Unit(Alpha Code): KELA	Park Area(If Applicable): JC Cooper Campground and GA	Date(MM/YY):	18-Nov
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Public Buildings	Unit	Total #	Condition	Repairs needed(If Applicable)
Visitor Center	BLDG	0		
Restrooms	BLDG	2	Bad	They function, but are tiny, 50 years old and not ADA
Bathhouse	BLDG			
Showerhouse	BLDG	3	Bad	Actually Bad -Good(Cont'd Pg 28)
Community Building	BLDG	0		
Picnic Shelter	BLDG	0		
Concession Stand	BLDG	0		
Entrance Station	BLDG	0		
Marina Buildings	BLDG	0		
Staff Buildings	Unit	Total #	Condition	Repairs needed(If Applicable)
Ranger Residence	BLDG	1	Fair	Replace toilet flange- In progress
Maintenance Building	BLDG	0		
Warehouse	BLDG	0		
Recreation Facilities	Unit	Number	Condition	Repairs needed(If Applicable)
Campsites with Hookups	SITE	60	Fair	(See Pg. 28)
Electric Only	SITE	0		
3-Point Hookup	SITE	(Host Site) 1		
ADA Accessible	SITE	3	Fair	Timber Rot(Cont'd Pg. 28)
Total with Hookups		64		
Campsites No Hookups	SITE	46	Bad	No timbers/pads/metal fire rings(Cont'd Pg. 28)
ADA Accessible	SITE	0		
Total No Hookups		46		
Cabin	BLDG	0		
Group Campsites	SITE	1	Fair	Erosion issues where campers set tents; exposed roots
Primitive Campsites	SITE	0		
Boat Ramp	RAMP	1	Fair	(See Pg. 28)
Fishing Pier	PIER	0		
Marina	MARINA	0		
Swimming Beach	SITE	0		
Pool	POOL	0		
Ball Fields	SF	0		
Playground	SITE	1	Good	
Courts	COURT	0		
Amphitheater	THEATER	1	Good	Just replaced 2018
Observation Deck	DECK	0		
Picnic Area	SITE	0		
Other Facilities	Unit	Total #	Condition	Repairs needed(If Applicable)
Dump Station	STATION	1	Bad	Needs new septic; On borrowed time
Dumpster	DUMPSTER	2	Fair	Contract with Waste Industries
Septic Field- Main Showerhd	SITE	7	Bad	Vary; Dump station needs new field; Others 30-50+ y/o
Cemetery	SITE	0		
Chapel	BLDG	0		

ADDITIONAL NOTES:

NC STATE PARKS - FACILITY INVENTORY SPREADSHEET

State Park Unit(Alpha Code): KELA	Park Area(If Applicable): Steele Creek Marina (Lease)	Date(MM/YY):	19-Jan
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Public Buildings	Unit	Total #	Condition	Repairs needed(If Applicable)
Visitor Center	BLDG	0		
Restrooms	BLDG	2	Bad	1 fair and 1 bad; neither are ADA.
Bathhouse	BLDG	0		
Showerhouse	BLDG	1	Fair	
Community Building	BLDG	0		
Picnic Shelter	BLDG	0		
Concession Stand	BLDG	0		
Entrance Station	BLDG	0		
Marina Buildings	BLDG	0		
Staff Buildings	Unit	Total #	Condition	Repairs needed(If Applicable)
Ranger Residence	BLDG	0		
Maintenance Building	BLDG	0		
Warehouse	BLDG	0		
Recreation Facilities	Unit	Number	Condition	Repairs needed(If Applicable)
Campsites with Hookups	SITE	0		
Electric Only	SITE	0		
3-Point Hookup	SITE	0		
ADA Accessible	SITE	0		
Total with Hookups				
Campsites No Hookups	SITE	0		
ADA Accessible	SITE	0		
Total No Hookups				
Cabin	BLDG	0		
Group Campsites	SITE	0		
Primitive Campsites	SITE	0		
Boat Ramp	RAMP	2		
Fishing Pier	PIER	0		
Marina	MARINA	0		
Swimming Beach	SITE	0		
Pool	POOL	0		
Ball Fields	SF	0		
Playground	SITE	0		
Courts	COURT	0		
Amphitheater	THEATER	0		
Observation Deck	DECK	0		
Picnic Area	SITE	0		
Other Facilities	Unit	Total #	Condition	Repairs needed(If Applicable)
Dump Station	STATION	0		
Dumpster	DUMPSTER	0		
Septic Field	SITE	0		
Cemetery	SITE	0		
Chapel	BLDG	0		

ADDITIONAL NOTES:
 Area leased by a private concessionaire. Most facilities on site are marina owned. Two restrooms, one shower house, two wells (and two boat ramps?) are state owned. They are maintained by the leasee.



TRAIL INVENTORY

TRAILS:

Big Poplar Trail: This 0.50-mile trail starts at Satterwhite Point Access area and ends at the JC Cooper Campground.

Kerr Lake Track Trail: This 1.50 -mile trail is a hiking trail in the Satterwhite Point access area. Visitors walk through a mixed hardwood and pine tree forest along the shoreline of Kerr Lake.

Ole Still Trail: This 0.34-mile trail is a short loop trail that starts at the Bullocksville access near the campgrounds.

Plantation Trail: This 0.75-mile trail is a short hiking loop trail that starts at the Hibernia access area.

TRAIL INVENTORY	HIKING
BIG POPLAR TRAIL	0.73
KERR LAKE TRACK TRAIL	0.34
OLE STILL TRAIL	0.34
PLANTATION TRAIL	0.75
KERR LAKE SRA TOTALS (MILES)	2.16

TRAILS CONDITION AND PRIORITY SCORE:

TRAILNAME	Status	Popularity	Prioroty Score
Big Poplar Trail	1	3	4
Ole Still Trail	1	1	2
Plantation Trail	1	2	3
Track Trail	1	3	4

Status	Description
1	Good condition/some routine trail maintenance required
2	Moderate trail maintenance required
3	Heavy erosion in places and/or unsustainable grades.
4	Trail closed due to erosion, damage, or other reasons. Make comments on closure reason.

Popularity	Description
4	Single most popular trail in the park w/ most visitors hiking this trail
3	Very popular trail with heavy usage in the park
2	Moderate usage by park visitors but other trails in the same park are more popular
1	Very little traffic overall or compared to other trails in the same park

TRAIL INVENTORY - SATTERWHITE POINT



- Existing Trail
- Road - Paved
- Road - Unpaved
- Existing Facilities
- 320'
- State Parks Unit



TRAIL INVENTORY - HIBERNIA



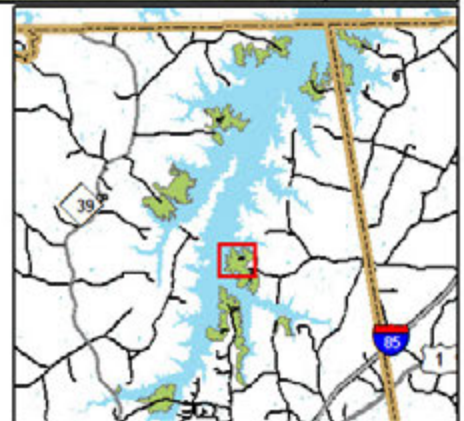
- Existing Trail
- Road - Paved
- Road - Unpaved
- Existing Facilities
- 320'
- State Parks Unit



TRAIL INVENTORY - BULLOCKSVILLE



- Existing Trail
- Road - Paved
- Road - Unpaved
- Existing Facilities
- 320'
- State Parks Unit



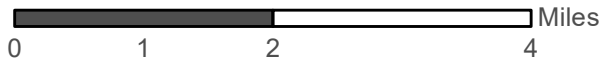
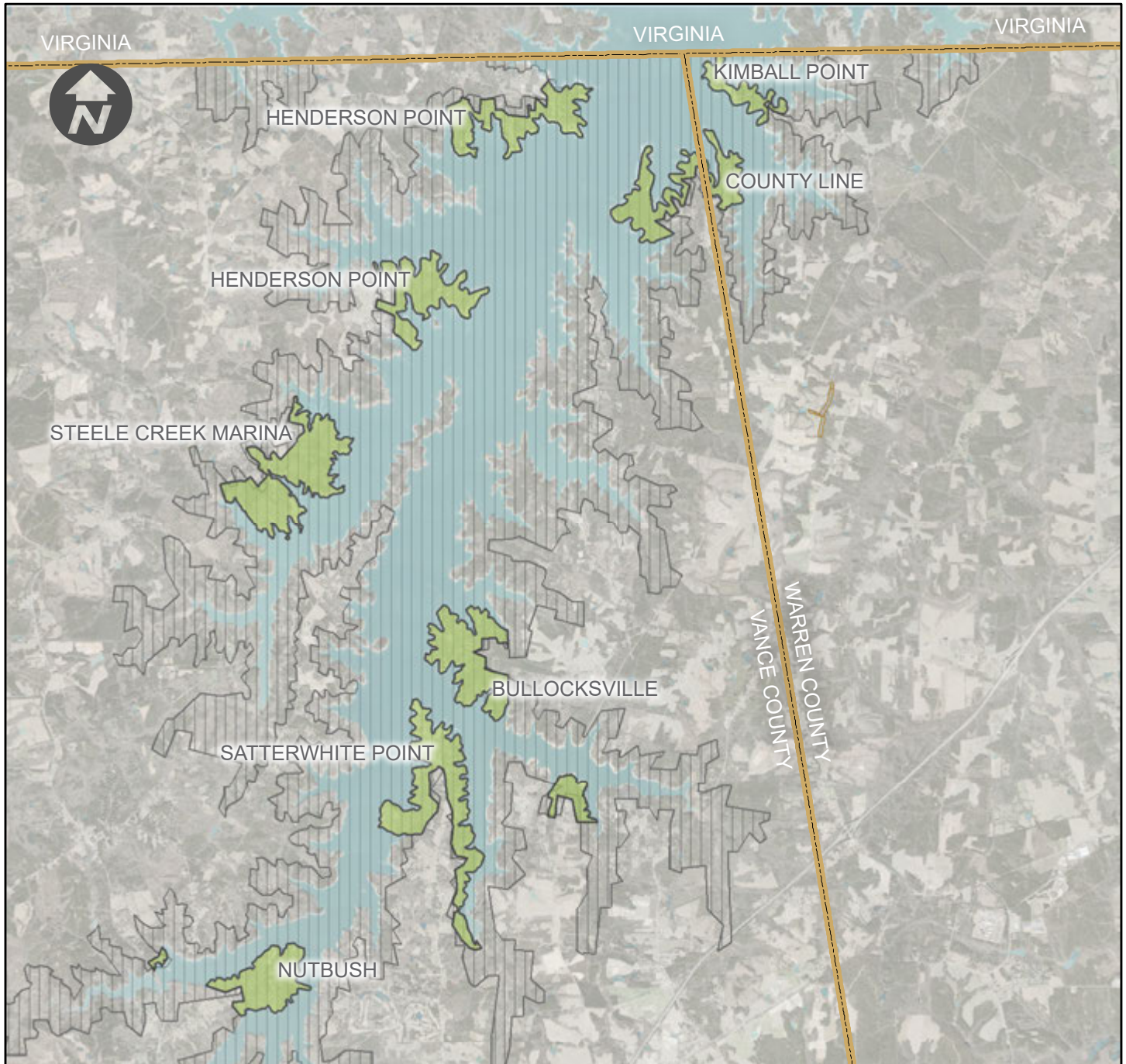
IV. PLANNING



LAND PROTECTION FOR STATE PARKS:

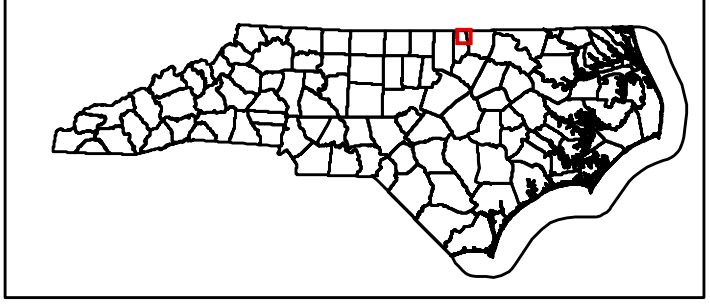
To achieve the highest level of connectivity between park properties already owned by the State of North Carolina, further acquisition of land is expected to take place. Additional land will ensure the maximum protection of natural resources, scenic preservation, outdoor recreation and public access. Each park has several tracts of land that have been distinguished as a future need or a critical need for the park. The following map shows Land Acquisition needs for Kerr Lake State Recreation Area.

LAND PROTECTION PLAN - OVERALL

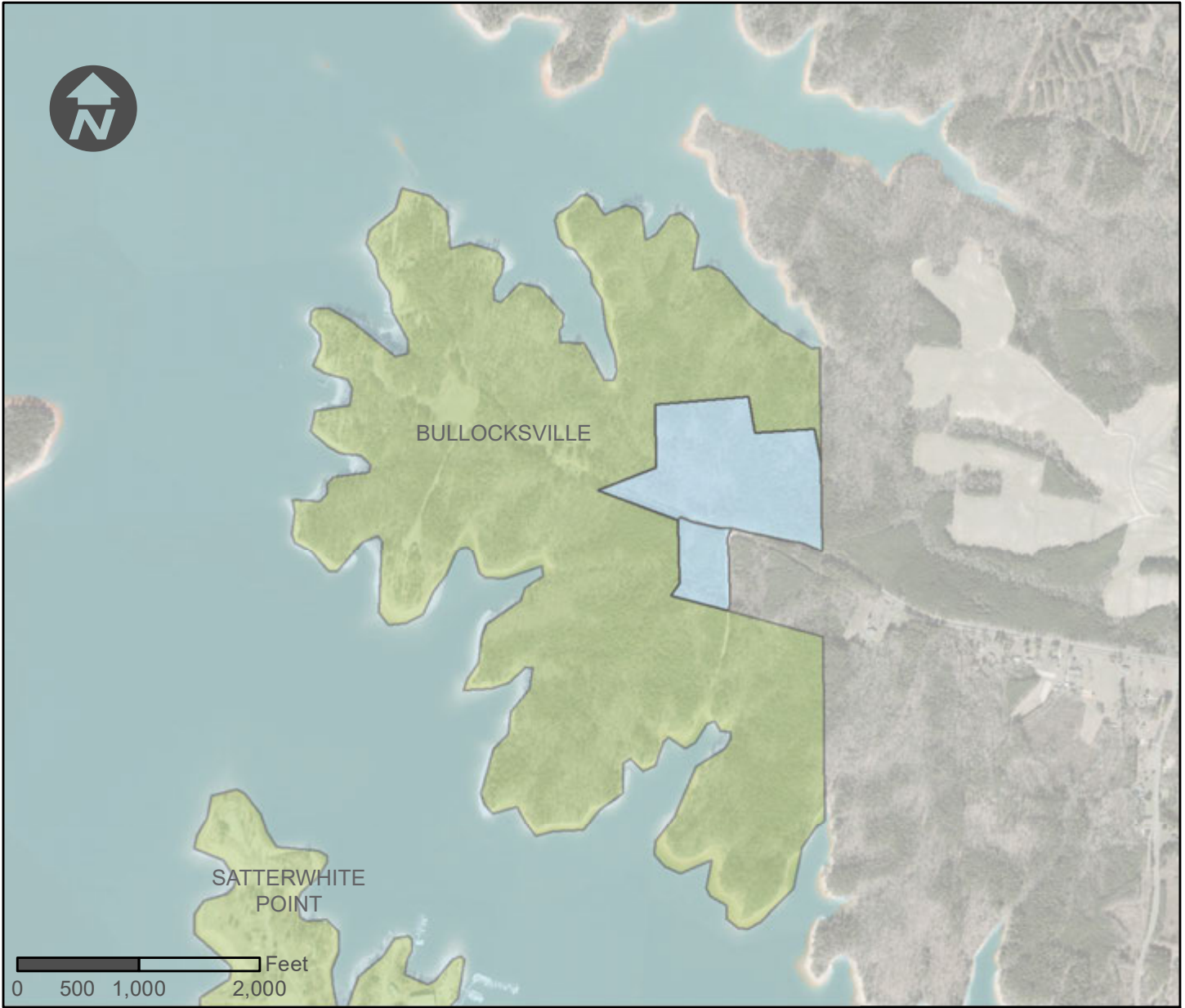


Legend

- State Parks Unit
- Federal
- State
- Other










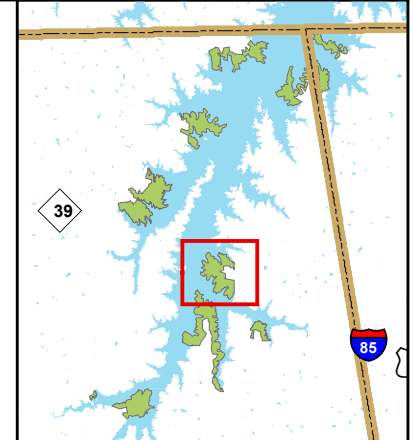
LAND PROTECTION PLAN - BULLOCKSVILLE



Land Protection Plan

Acquisition Objective 1

-  Primary resource protection
-  Inholding
-  Scenic protection
-  Water quality protection
-  Facilities development
-  Buffer
-  State Parks Unit



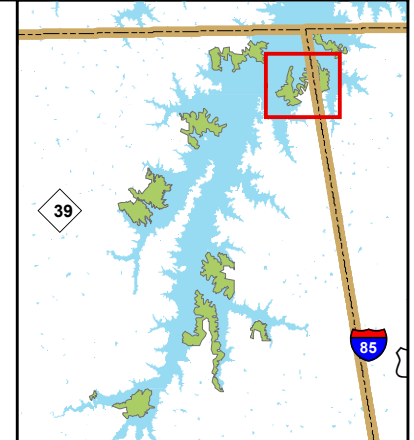
LAND PROTECTION PLAN - COUNTY LINE



Land Protection Plan

Acquisition Objective 1

- Primary resource protection
- Inholding
- Scenic protection
- Water quality protection
- Facilities development
- Buffer
- State Parks Unit










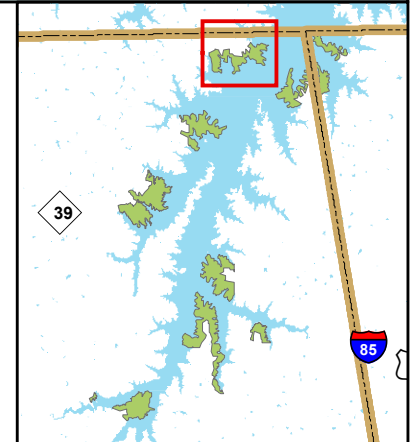
LAND PROTECTION PLAN - HENDERSON POINT



Land Protection Plan

Acquisition Objective 1

-  Primary resource protection
-  Inholding
-  Scenic protection
-  Water quality protection
-  Facilities development
-  Buffer
-  State Parks Unit










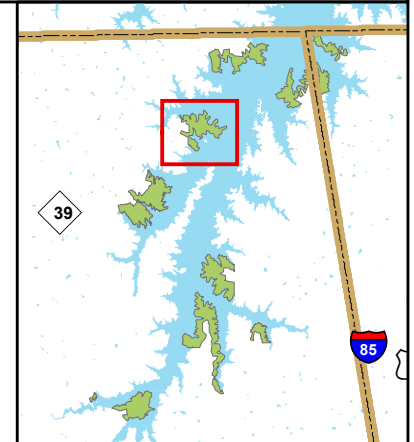
LAND PROTECTION PLAN - HIBERNIA



Land Protection Plan

Acquisition Objective 1

-  Primary resource protection
-  Inholding
-  Scenic protection
-  Water quality protection
-  Facilities development
-  Buffer
-  State Parks Unit










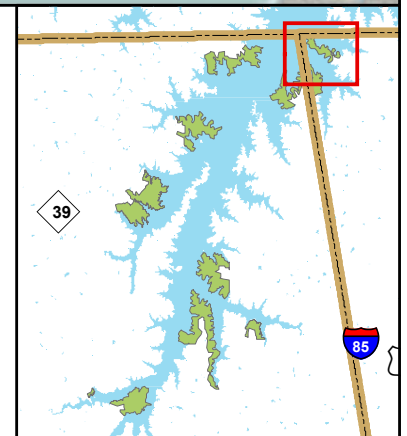
LAND PROTECTION PLAN - KIMBALL POINT



Land Protection Plan

Acquisition Objective 1

-  Primary resource protection
-  Inholding
-  Scenic protection
-  Water quality protection
-  Facilities development
-  Buffer
-  State Parks Unit










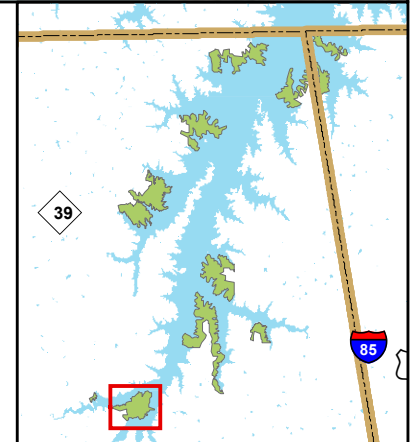
LAND PROTECTION PLAN - NUTBUSH BRIDGE



Land Protection Plan

Acquisition Objective 1

-  Primary resource protection
-  Inholding
-  Scenic protection
-  Water quality protection
-  Facilities development
-  Buffer
-  State Parks Unit



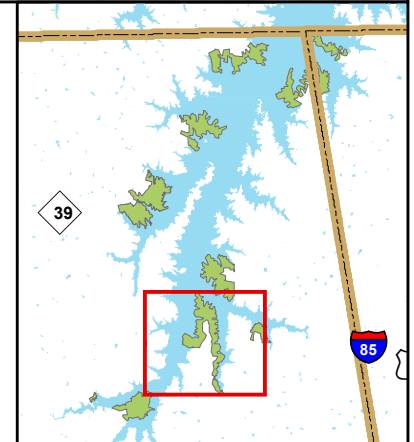
LAND PROTECTION PLAN - SATTERWHITE POINT



Land Protection Plan

Acquisition Objective 1

- Primary resource protection
- Inholding
- Scenic protection
- Water quality protection
- Facilities development
- Buffer
- State Parks Unit





PROJECT LIST

BOND PROJECTS		
PROJECT #	PROJECT TITLE	*CONCEPTUAL COST
Priority 1	Nutbush shower house & campground upgrades	\$1,167,000
Priority 2	JC Cooper shower house & campground upgrades	\$1,495,000
Priority 3	Hibernia Area 1 campground upgrades	\$130,000
Priority 4	Hibernia Area 2 campground upgrades	\$202,500
Priority 5	Henderson Point campground upgrades	\$189,000
Priority 6	County Line campground upgrades	\$160,000
Priority 7	Kimball Point shower house replacement	\$600,000
	*TOTAL :	\$3,943,500
GMP PROJECTS		
PROJECT #	PROJECT TITLE	**CONCEPTUAL COST
1	Satterwhite Point maintenance complex	\$2,437,500
2	County Line campground improvements	\$3,893,750
3	Bullocksville campground improvements	\$1,943,750
4	Kimball Point campground improvements	\$2,318,750
5	Hibernia general development	\$1,812,500
6	Nutbush South - General Development	\$4,143,750
	**TOTAL :	\$16,550,000
FUTURE PROJECTS ALSO NEEDED		**CONCEPTUAL COST
7	Satterwhite Point day-use & group camp improvements	\$3,099,750
8	Henderson Point day-use area improvements	\$1,157,625
9	Henderson Point group camp improvements	\$1,118,375
10	Bullocksville campground expansion	\$4,636,625
11	Shoreline stabilization (Partner with USACOE)	\$1,427,750
12	Satterwhite Point public water connection	\$488,875
13	Kimball Point day-use area improvements	\$1,265,875
14	Bullocksville day-use area improvements	\$694,875
15	Hibernia day-use area improvements	\$990,500
16	Ranger residence upgrades (Three)	\$355,625
17	Hibernia dump station improvements	\$299,625
18	County Line new group camp area	\$2,237,375
19	Hibernia & Henderson Point Playgrounds	\$585,875
20	Henderson Point boat ramp improvements	\$177,625
	**TOTAL :	\$18,536,375

*Planning estimated project cost does not include contingencies, design fee, nor escalation.

**Planning estimated project cost includes 25% contingency, does not include design fee nor escalation.



BOND PROJECT DESCRIPTIONS

Priority #1

Nutbush Bridge North - Shower house in Area 1 campground. This Shower house will be demolished and another will be built in its location. The new shower house will have the capacity to accommodate the 31 campsites in Area 1. This construction will include any updates needed for the septic system based on shower house size.

Nutbush Bridge South – Electric Upgrades in Area 3 campground. This will upgrade the electric service from 50 amp to 100 amp service at campground sites 83-109 and H2. This project will also include updating the campsites by replacing rotting timbers, as needed, and replacing fire rings at sites as needed (about ½ of the sites). Sites 51-61 (9 sites) will be converted from non-electric to 100 amp with installation of timbers, fire rings and lantern hooks.

Priority #2

JC Cooper Campground at Satterwhite Point – Construct an additional shower house in the campground. This would address the capacity issues that have occurred with one shower house serving 98 campsites. The proposed shower house would be constructed on the campground drive near site 63. This project will also include upgrades needed for the septic system for the proposed shower house. These upgrades should also ensure it has the capacity to handle the dump station. Electric upgrades in select sites as well as campsite upgrades. The electrical connections will be upgraded from 50 amp to 100 amp service in camp sites 80-103. Also, included in this project is the site rehabilitation which will include the replacement of rotting timbers, new fire rings and lantern hooks.

Priority #3

Hibernia Area #1 campground upgrades – Non-electric sites will be upgraded to have 100 amp electrical service. These sites would be approximately 1 through 26. Also, Hibernia Area 1 sites 57 – 70 will be upgraded from 50 amp to 100 amp and will include site rehabilitation to make the sites level, installation of timbers, fire rings and lantern hooks.

Priority #4

Hibernia Area #2 – Upgrade sites 84-92 with 100 amp electrical service, new timbers, fire rings and lantern hooks. This project will also include the upgrade of the electrical service from 50 amp to 100 amp at campsites 93-99.

Priority #5

Henderson Point Area #1 – Upgrade sites 15-24 to 100 amp electrical service, upgrade timbers, fire rings and lantern hooks if needed.

Priority #6

County Line Camp Area – Upgrade site 61 through 71 to provide new timbers, fire rings and lanterns.

Priority #7

Kimball Point Recreation Area – Replace shower house in Area #2. Demolish the existing shower house and build a new one in the same location. Use the same septic field.



GMP PROJECT DESCRIPTIONS

1. Satterwhite Point Maintenance Complex

- A. Demolish four existing maintenance buildings.
- B. New maintenance complex with additional parking.
 - Six-bay storage shed.
 - Fuel tanks.
 - Underground utility extensions.
 - Accessible warehouse.
 - Carpentry shop.
 - Mechanic shop.

2. County Line Campground Improvements

- A. Replace three existing restroom buildings. Provide parking and ADA accessibility.
 - New showerhouse.
 - New restroom building.
 - New vault toilet building. Restroom building possible with land acquisition.
- B. Restore/Replace existing dumpstation. Existing sand filter and septic are starting to fail.
- C. Shoreline stabilization. 1,200 linear feet.
- D. Furnish 7 sites. 30 site need timbers, screenings, and hardware.

3. Bullocksville Campground Improvements

- A. Demolish and replace showerhouse.
- B. Demolish and replace restroom.
- C. Campground restoration and upgrades.
 - Install new timbers, screenings and hardware at 33 campsites(sites 1-33).
 - Electrical upgrades at sites 1-8.
- D. Trail extension.

4. Kimball Point Campground Improvements

- A. Campground restoration and upgrades.
 - Install new timbers and screenings at 20 camp sites.
 - Install hardware(fire rings, picnic table, lantern hook) at 31 sites.
- B. Shoreline stabilization. 750 linear feet.
- C. ADA accessible parking and connections at each building.
- D. Demolish and replace 2 toilet buildings.

5. Hibernia General Development

- A. New maintenance complex.
 - Additional parking.
 - Accessible maintenance shop.
 - Six-bay storage shed.
 - Security fencing.
- B. Replace ranger residence.



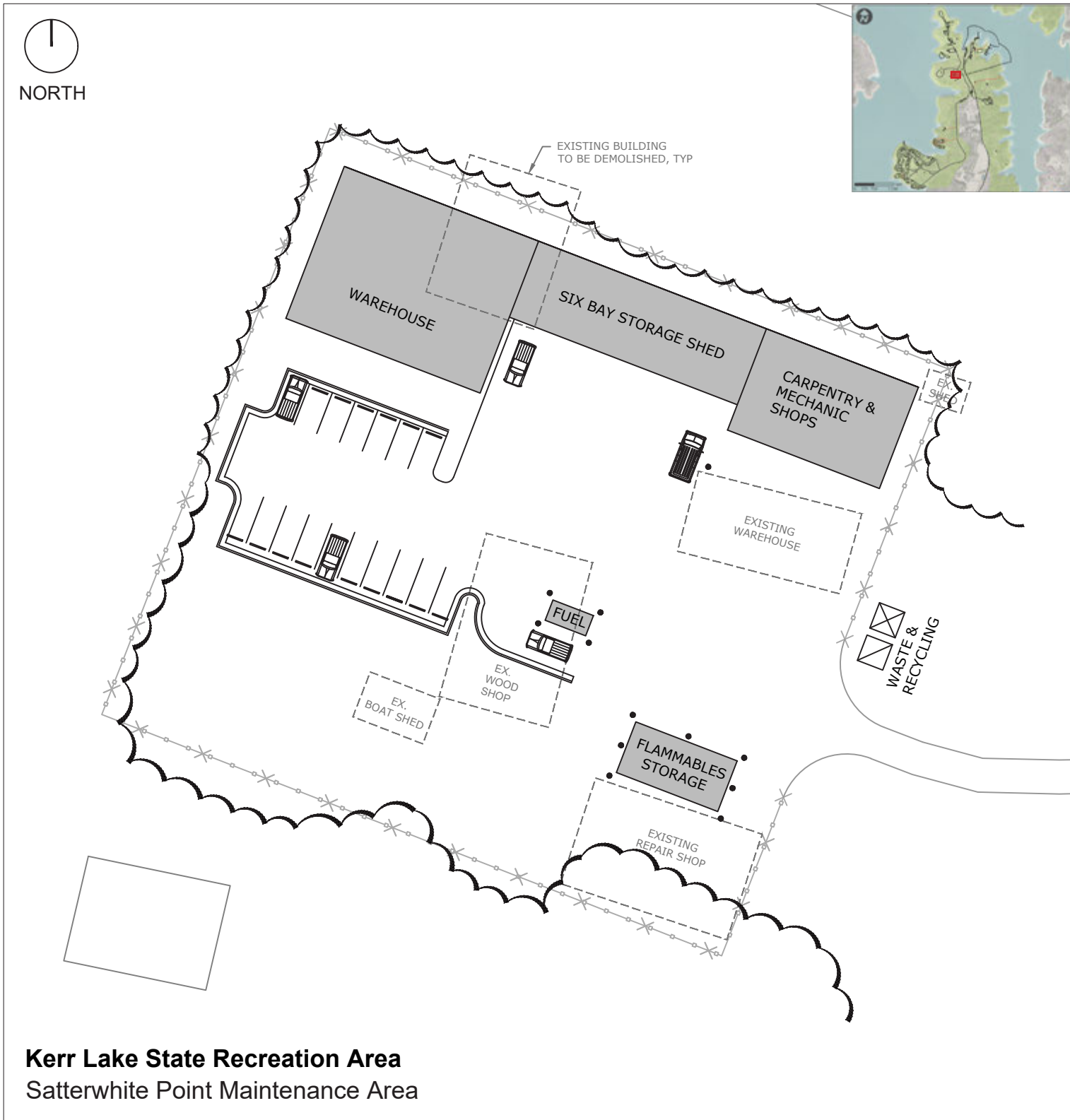
GMP PROJECT DESCRIPTIONS

6. Nutbush South- General Development

- A. Demolish toilet building and replace with showerhouse.
- B. New vault toilet at boat ramp.
- C. Campground improvements.
 - Site rehabilitation to make the sites level, installation of timbers, screening, fire rings and lantern hooks in Area 4.
 - Sites 51-61 (9 sites) will be converted from non-electric to 100 amp with installation of timbers, fire rings and lantern hooks if not completed as part of the bond project.
- D. Shoreline stabilization. 1,500 linear feet.
- E. New dump station.

PROJECT CONCEPT PLANS

GMP PROJECT 1 - Satterwhite Point Maintenance Complex

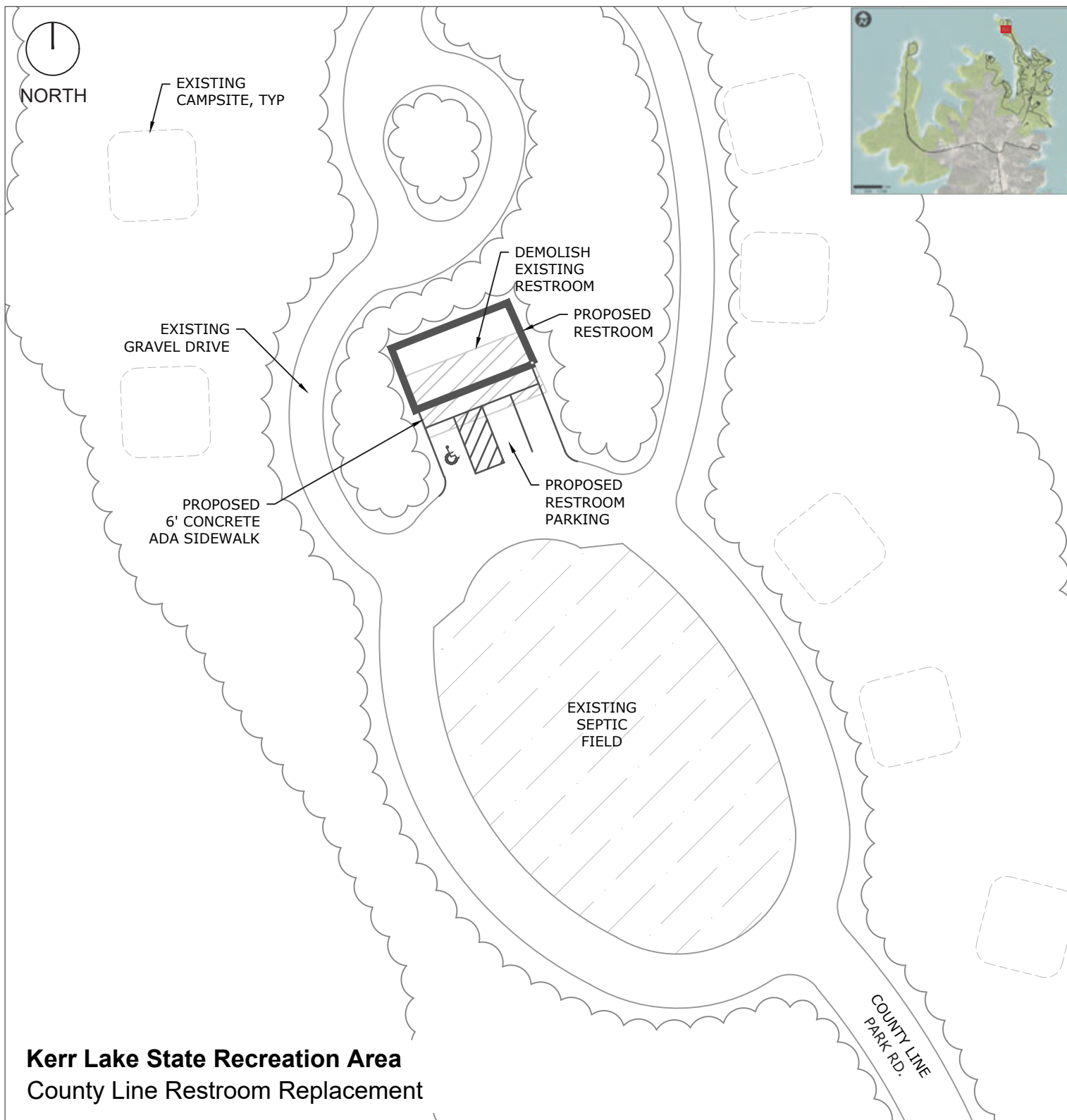


Kerr Lake State Recreation Area
Satterwhite Point Maintenance Area

This is a planning-level drawing. Construction shall require survey by a professional land surveyor and sealed construction drawings from a licensed civil engineer, landscape architect, or architect.

PROJECT CONCEPT PLANS

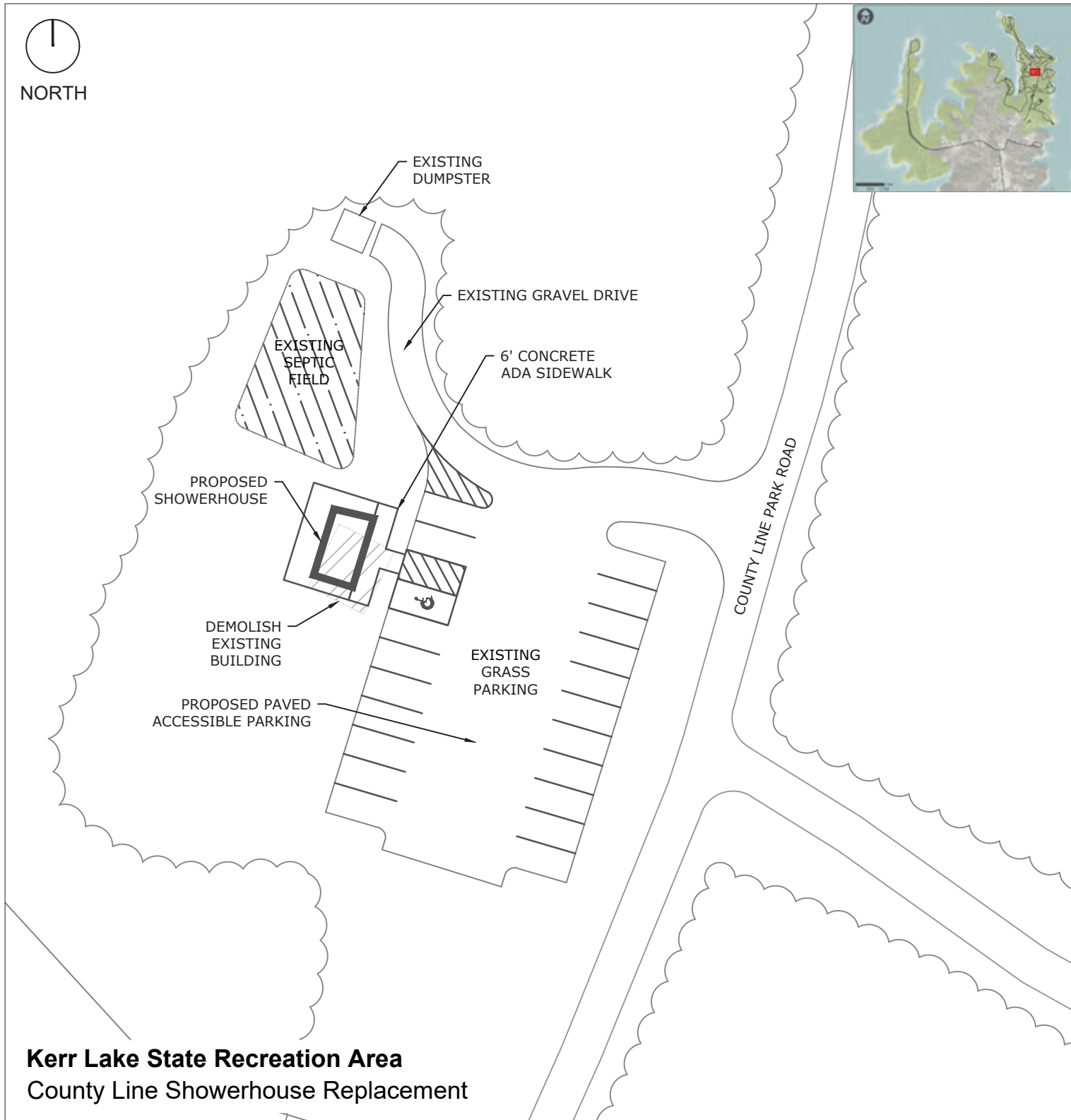
GMP PROJECT 2 - County Line Restroom Replacement



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PROJECT CONCEPT PLANS

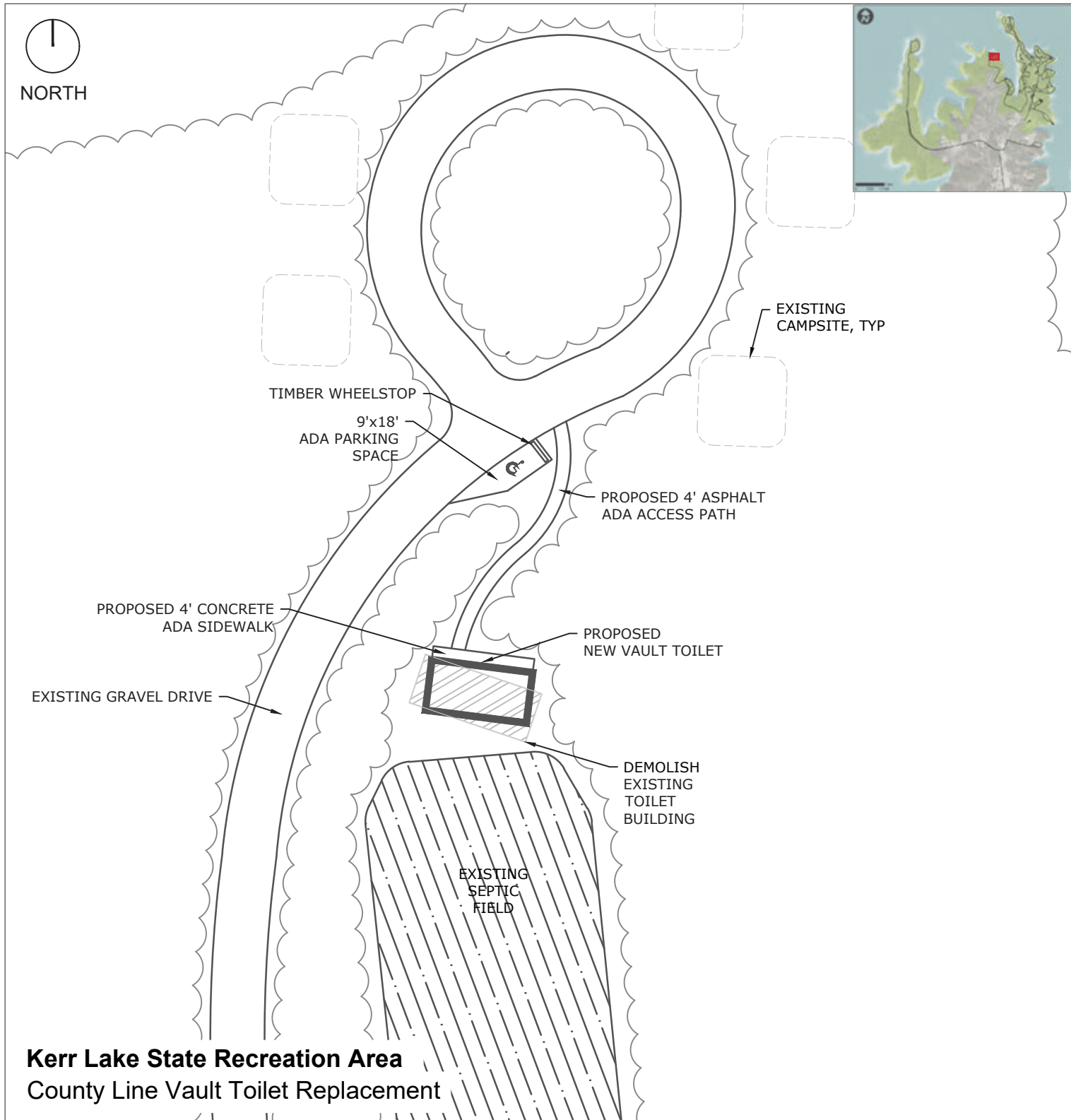
GMP PROJECT 2 - County Line Showerhouse Replacement



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PROJECT CONCEPT PLANS

GMP PROJECT 2 - County Line Vault Toilet Replacement

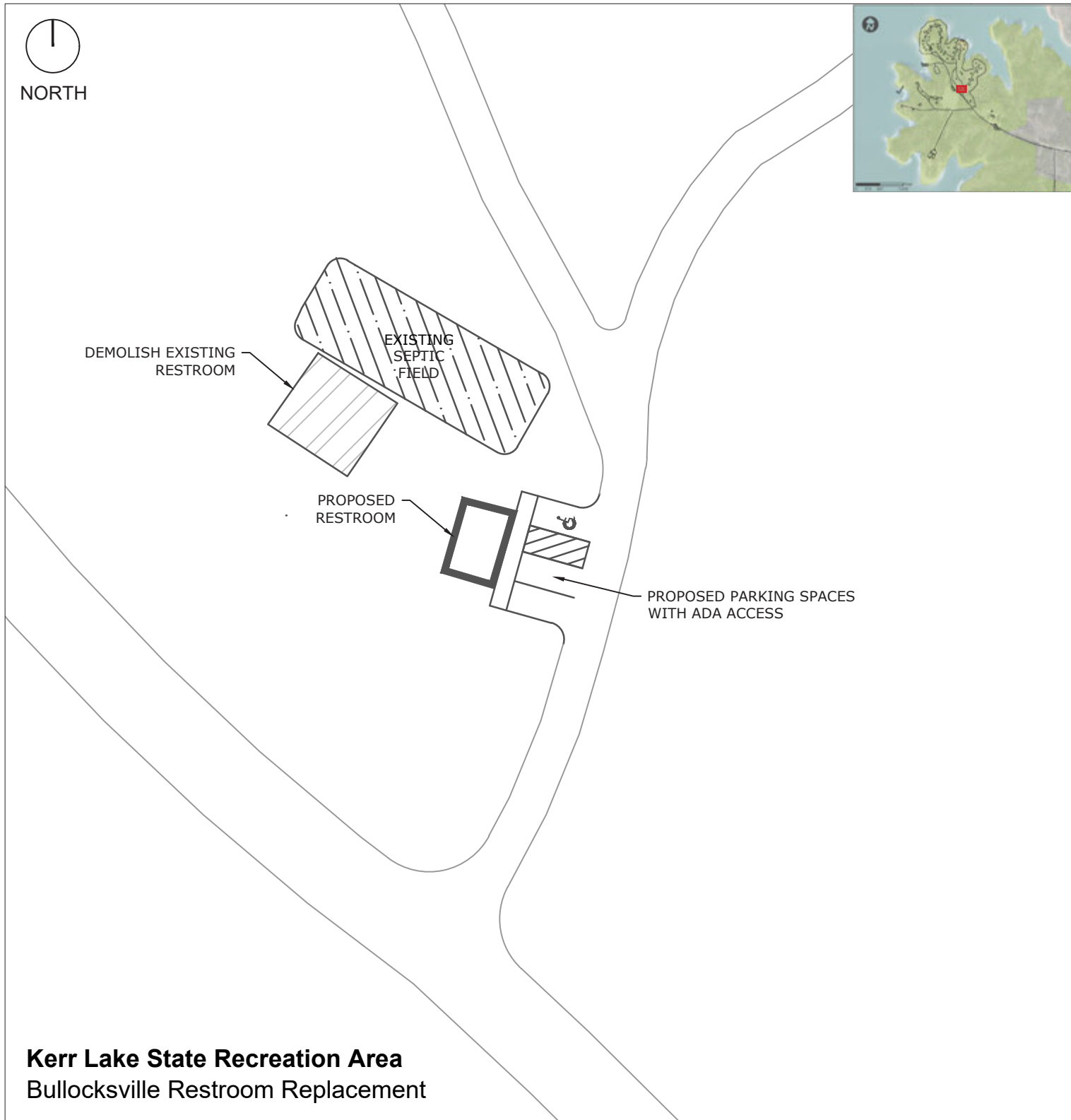


Kerr Lake State Recreation Area
County Line Vault Toilet Replacement

This is a planning-level drawing. Construction shall require survey by a professional land surveyor and sealed construction drawings from a licensed civil engineer, landscape architect, or architect.

PROJECT CONCEPT PLANS

GMP PROJECT 3 - Bullocksville Restroom Replacement

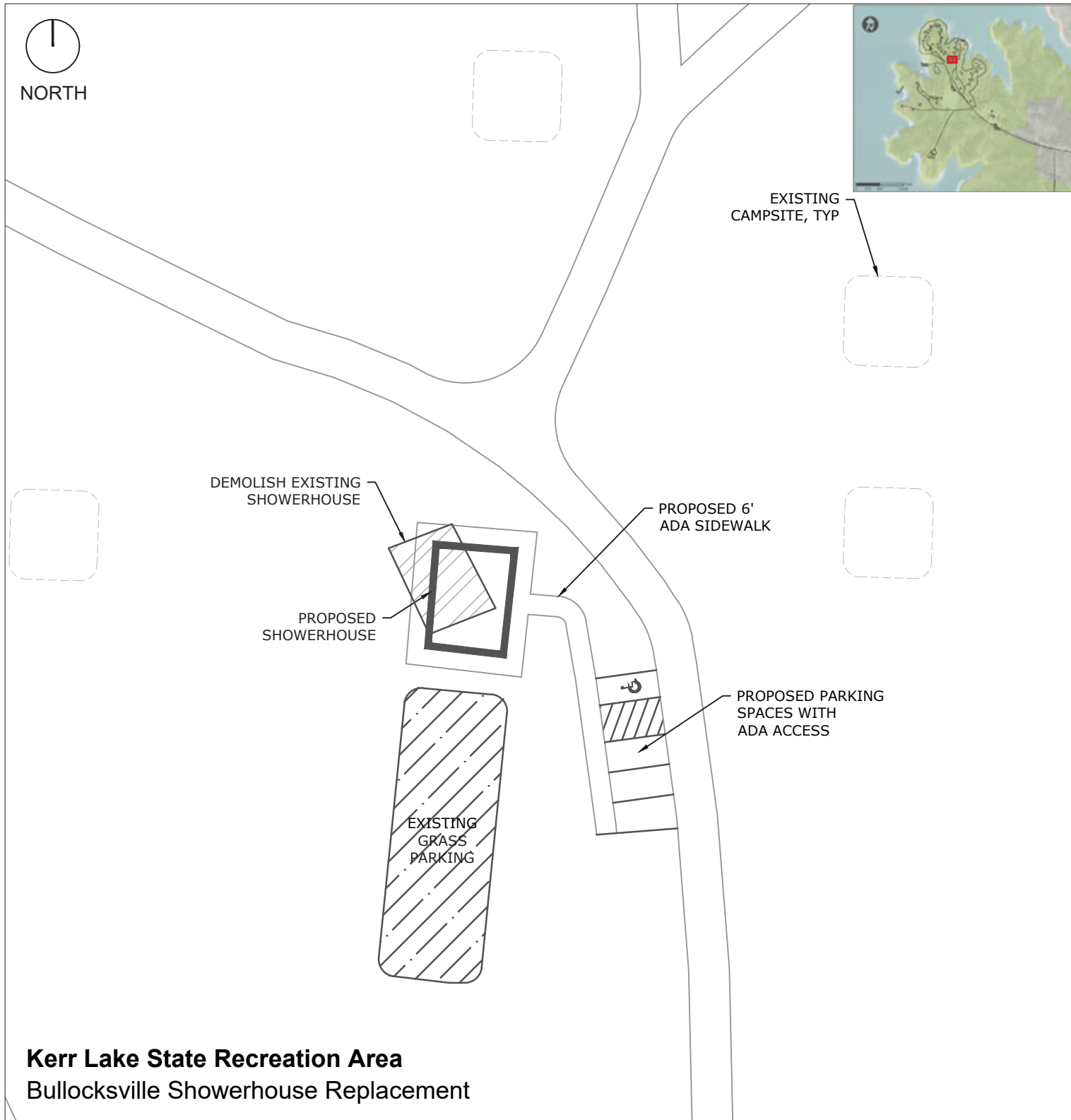


Kerr Lake State Recreation Area
Bullocksville Restroom Replacement

This is a planning-level drawing. Construction shall require survey by a professional land surveyor and sealed construction drawings from a licensed civil engineer, landscape architect, or architect.

PROJECT CONCEPT PLANS

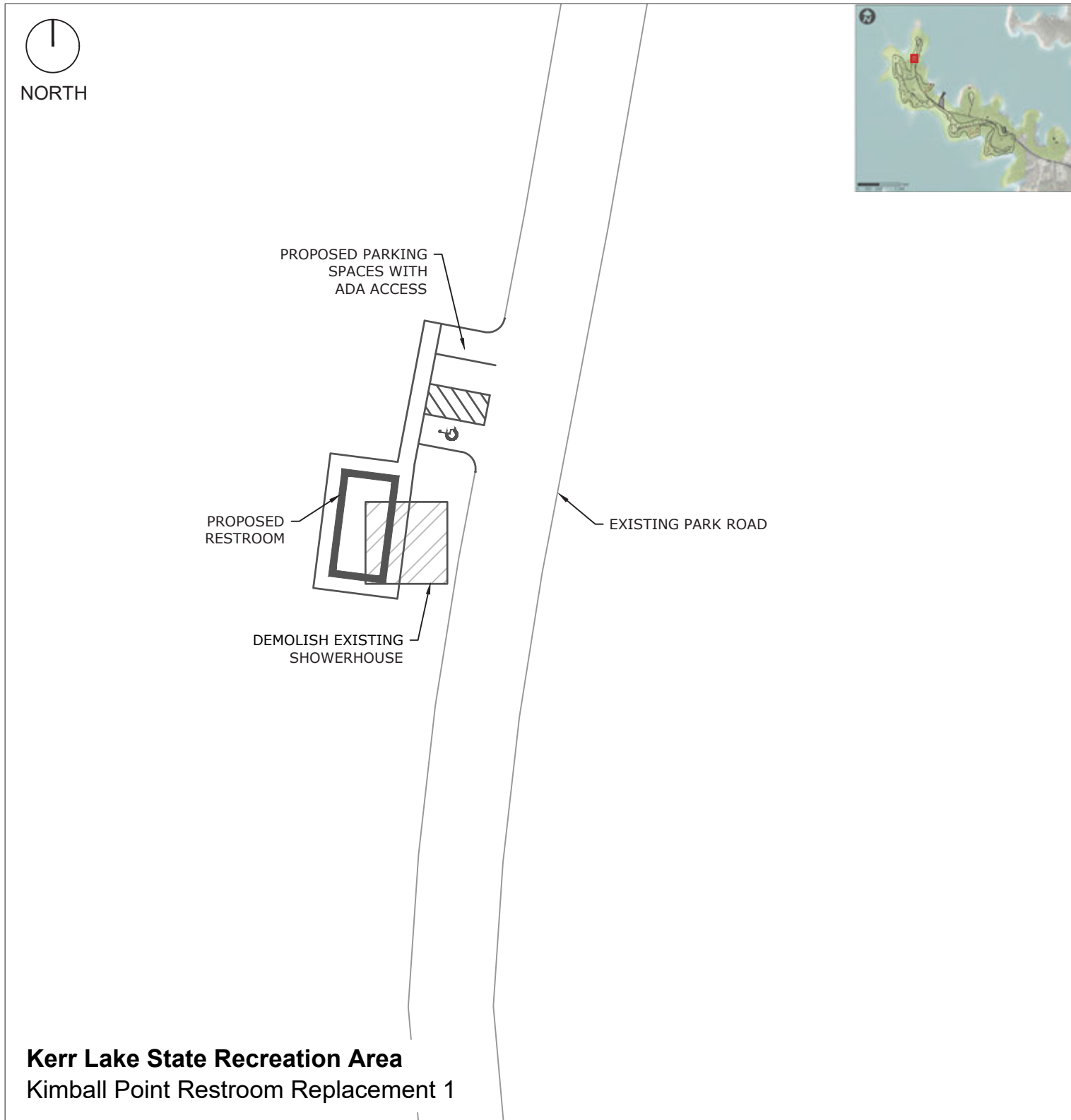
GMP PROJECT 3 - Bullocksville Showerhouse Replacement



This is a planning-level drawing. Construction shall require survey by a professional land surveyor and sealed construction drawings from a licensed civil engineer, landscape architect, or architect.

PROJECT CONCEPT PLANS

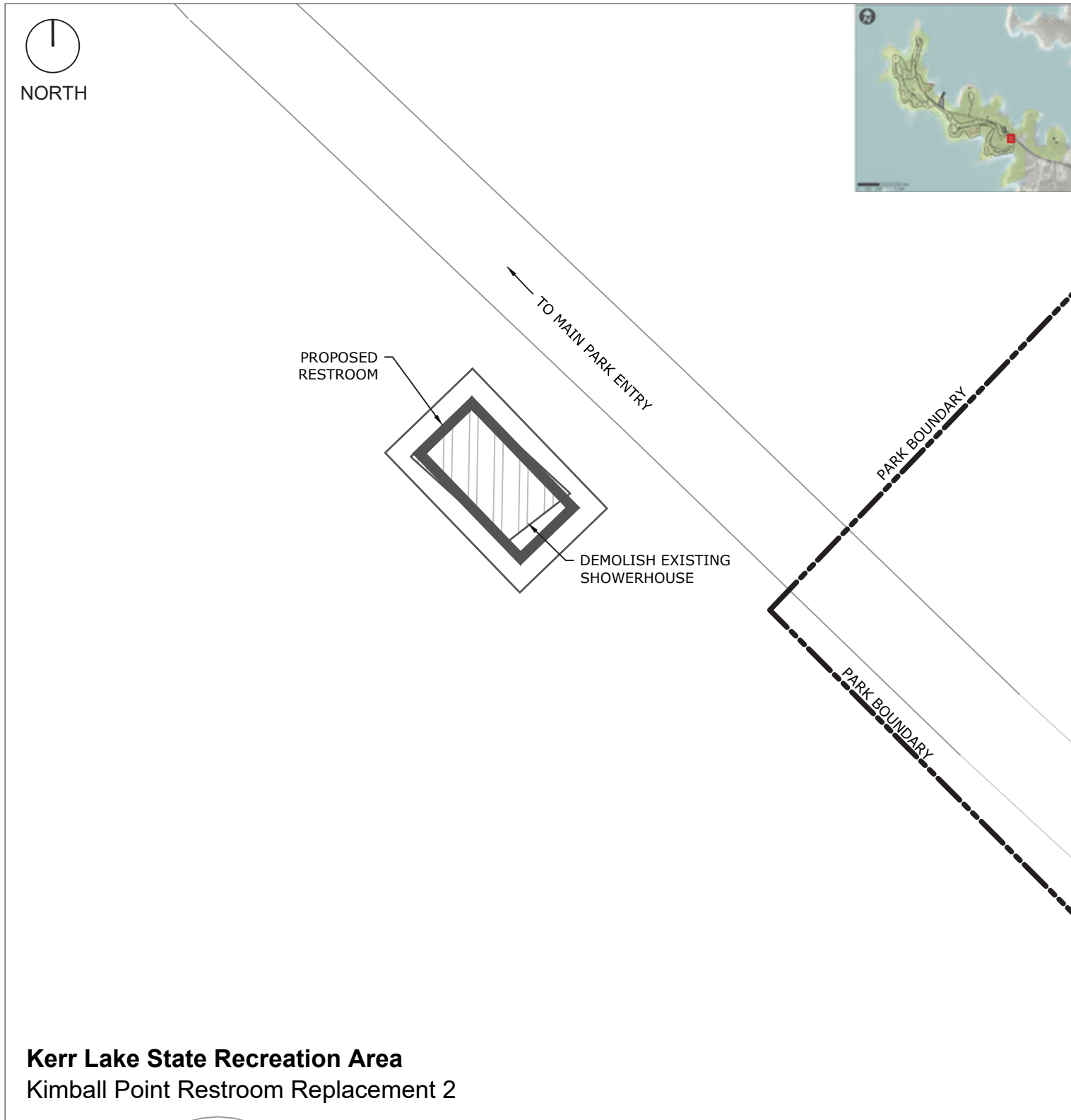
GMP PROJECT 4 - Kimball Point Bathroom Replacement 1



This is a planning-level drawing. Construction shall require survey by a professional land surveyor and sealed construction drawings from a licensed civil engineer, landscape architect, or architect.

PROJECT CONCEPT PLANS

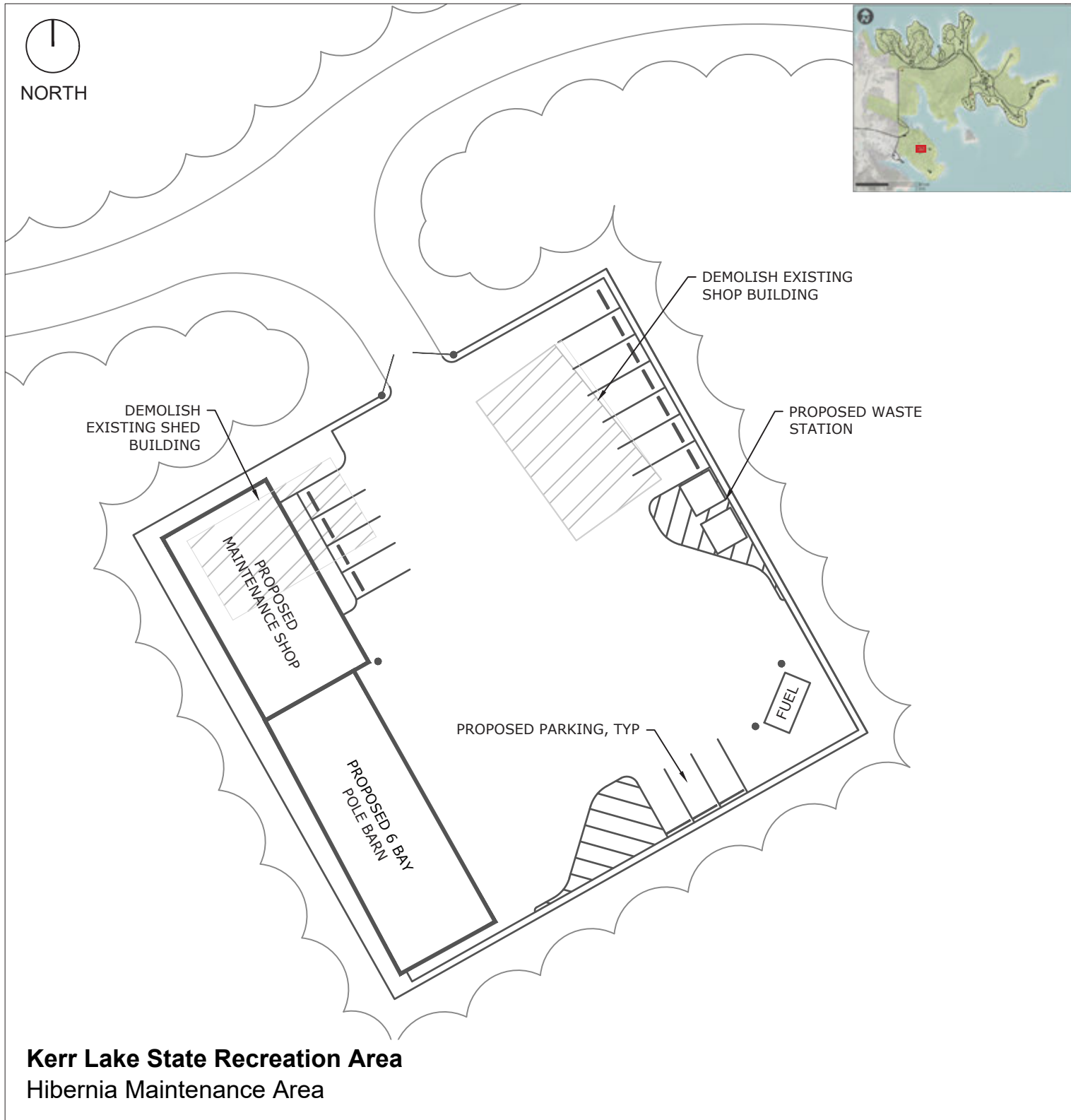
GMP PROJECT 4 - Kimball Point Bathroom Replacement 2



This is a planning-level drawing. Construction shall require survey by a professional land surveyor and sealed construction drawings from a licensed civil engineer, landscape architect, or architect.

PROJECT CONCEPT PLANS

GMP PROJECT 5 - Hibernia Maintenance Area

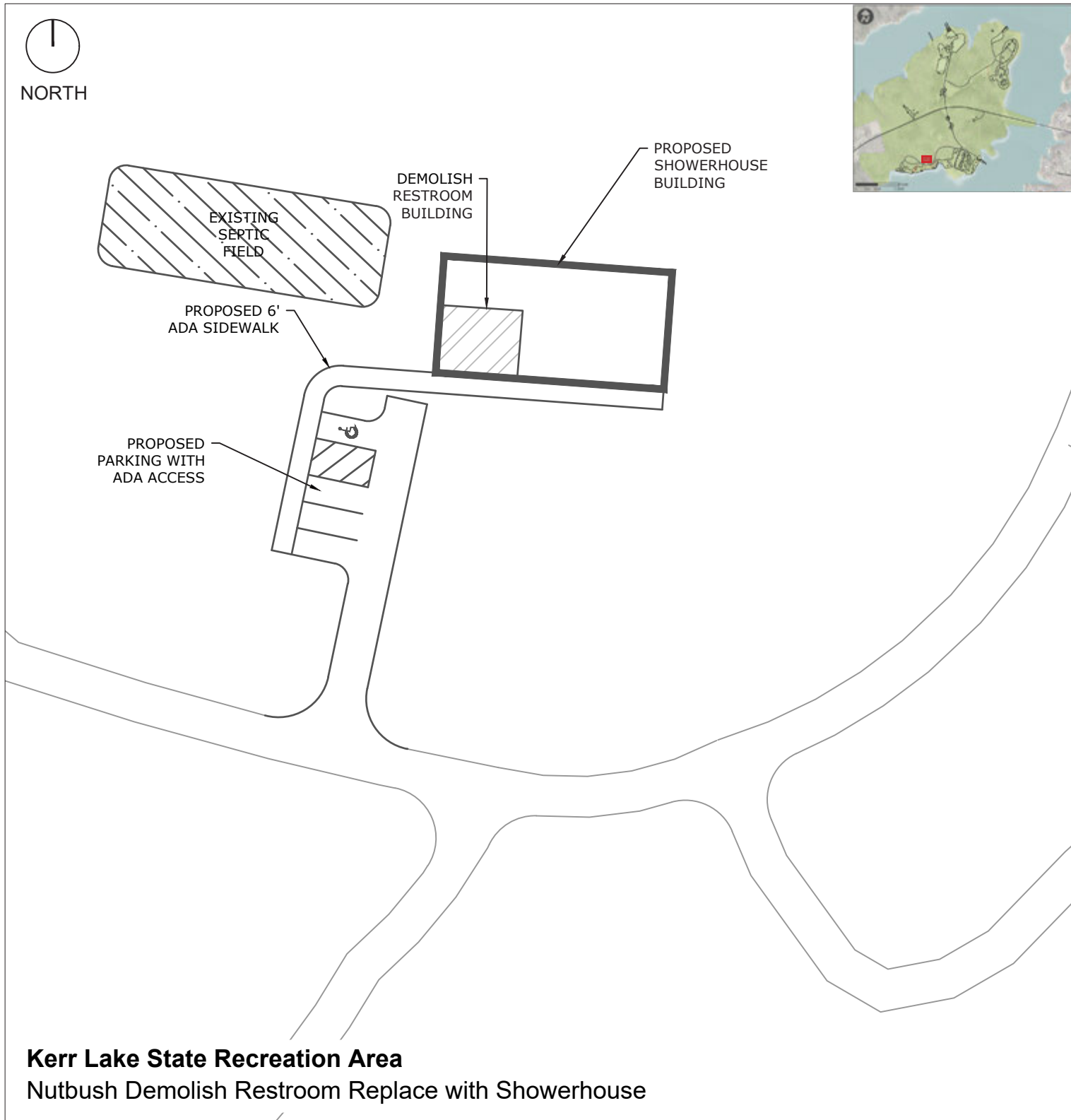


Kerr Lake State Recreation Area
Hibernia Maintenance Area

This is a planning-level drawing. Construction shall require survey by a professional land surveyor and sealed construction drawings from a licensed civil engineer, landscape architect, or architect.

PROJECT CONCEPT PLANS

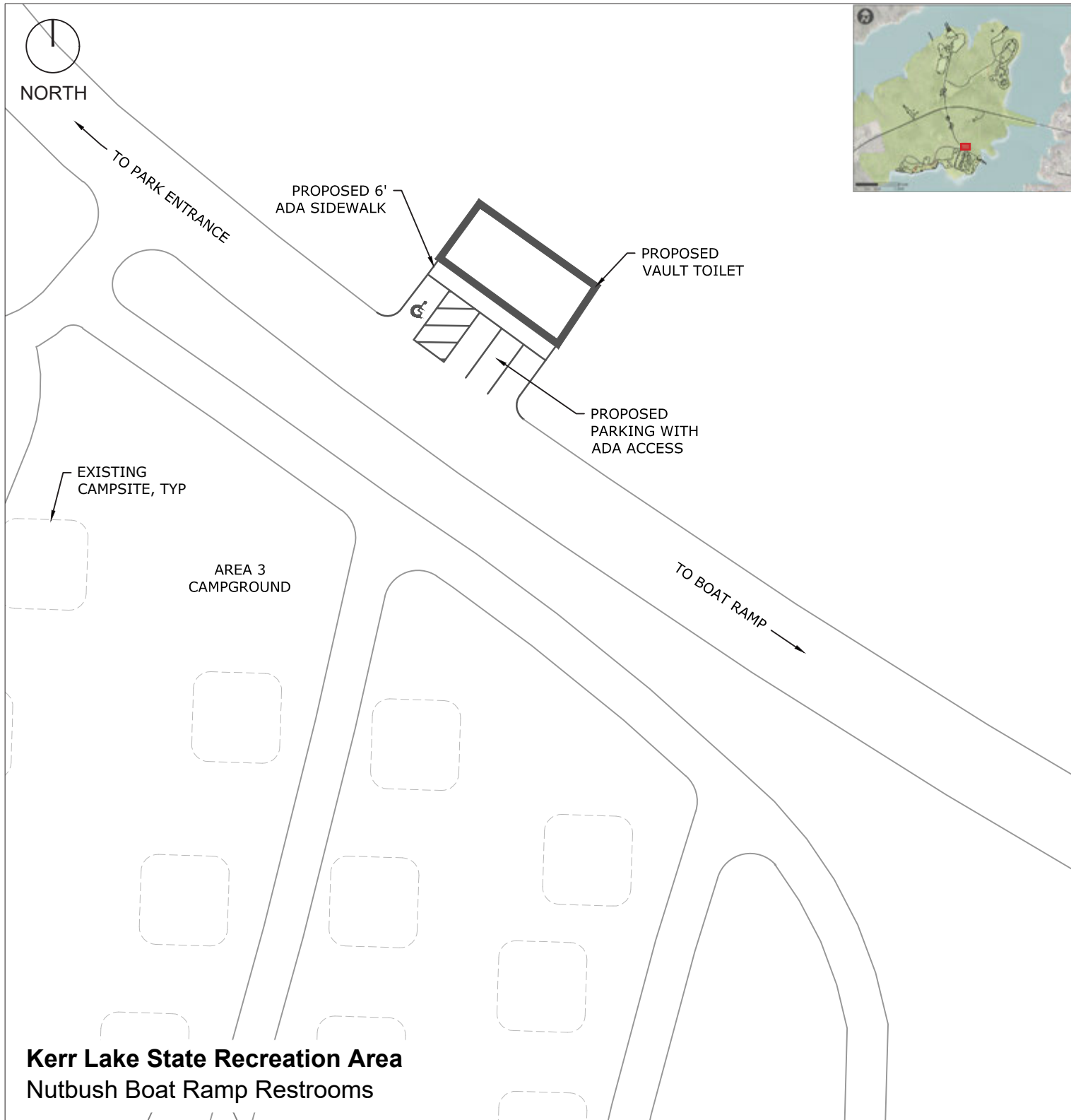
GMP PROJECT 6 - Nutbush Area 4 Demolish Restroom Replace with Showerhouse



This is a planning-level drawing. Construction shall require survey by a professional land surveyor and sealed construction drawings from a licensed civil engineer, landscape architect, or architect.

PROJECT CONCEPT PLANS

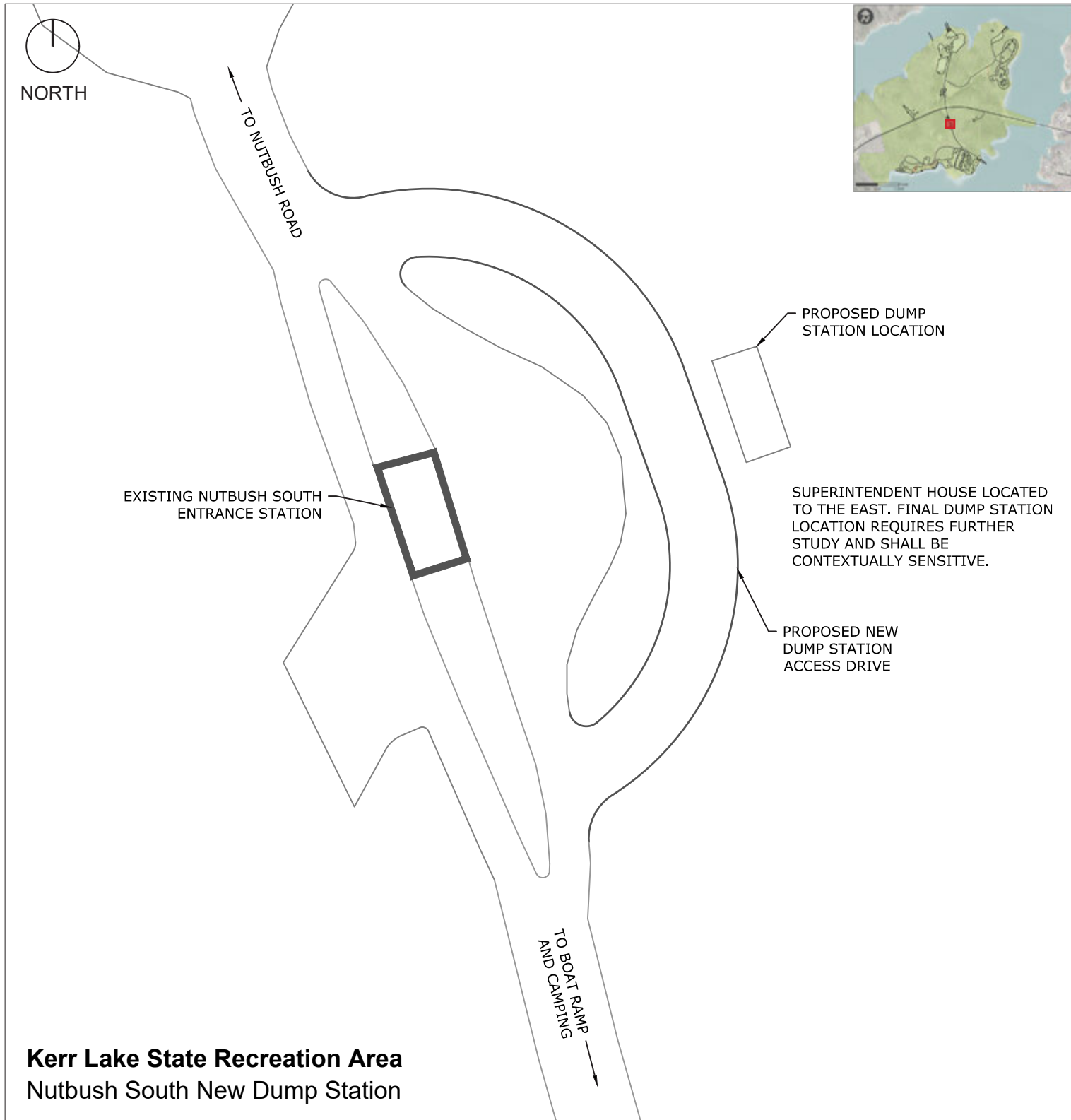
GMP PROJECT 6 - Nutbush Area 3 Boat Ramp Restrooms



This is a planning-level drawing. Construction shall require survey by a professional land surveyor and sealed construction drawings from a licensed civil engineer, landscape architect, or architect.

PROJECT CONCEPT PLANS

GMP PROJECT 6 - Nutbush South New Dump Station



Kerr Lake State Recreation Area
Nutbush South New Dump Station

This is a planning-level drawing. Construction shall require survey by a professional land surveyor and sealed construction drawings from a licensed civil engineer, landscape architect, or architect.



V. APPENDIX

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APPENDIX - REPAIRS NEEDED (Continue From Spreadsheets)

BULLOCKSVILLE

- Showerhouse: 50 years old, non-ADA, general wear; and 1 good Electric area (91-11-152) 20 years old.
- Community Building: Concrete block walls cracking in the restrooms.
- Concession Stand: Roof needs replacing.
- Campsites with Hookups: Several beginning to need new timbers.
- Campsites no Hookups: No sites have timbers or proper firerings; many sites heavily eroded and unlevel.
- Septic Field: Electric sites showerhouse, non-electric sites showerhouse, campground restroom, concessions bldg, shelter toilet, community building, entrance station, dump station, ranger residence. Recently repaired at non-electricshower house (91-11-39); several are approximately 50 years old.

COUNTY LINE

- Restrooms: 50 year old buildings that are not ADA Two of them() and () have no electricity and have had septic field issues requiring frequent pumping one is needing a new roof.
- Campsites with Hookups: Sites 60-71 have no timbers and lack appropriate fire rings. Several of them also suffer from erosion. Other electric sites were upgraded in 1998 and are in fair condition but many are beginning to need timber and firering replacement.
- Septic Field: Residence, Showerhouse, dumpstation/Maintenance shop, 3 small restrooms. Bad to Good-One septic field at small restroom is failing and will require repairs.

HENDERSON POINT

- Campsites with Hookups: 35-55 are 20 years old and showing some timber wear; 56-75, 8 years old and in better conditionCampsites no Hookups: No sites have timbers or proper firerings; many sites heavily eroded and unlevel.
- Group Campsites: Needs extra picnic tables; erosion with exposed roots, needs restroom or showerhouse; currently just a port-a-john on site.
- Boat Ramp: Campground ramp has a lot of cracking in the concrete which will need to be repaired or replaced; others good.
- Fishing Pier: They will need to be repaired over the next 3-5 years. Also some bank erosion at the entrance to the pier will need to be repaired in the next 1-2 years.
- Playground: Wear and tear due to time, weather and use. Will need to replace components or entire structure in the near future.
- Septic Field: Area 1 showerhouse, Area 2 showerhouse, Dumpstation, Entrance Station, Ranger Residence, Day Use Toilet, Community BuildingFew problems recently. Range from about 50 years old to 13 years old; Repairs/Replacement of older systems anticipated over the next 5-10 years.



APPENDIX - REPAIRS NEEDED (Continue From Spreadsheets)

HIBERNIA

- Restrooms: Area 1 (91-11-15) and Group Area Toilet (91-11-16) are ~ 50 years old are small CMU buildings that do not meet ADA.
- Campsites with Hookups: 84 - 99 need to be upgraded to 50 amp service and 85 - 92 need timbers and hardware as well. 57-70 in Area 1 need 50 amp upgrade, timbers and hardware. Several sites 57-70 are eroded and unlevel. Campsites no Hookups: No sites have timbers or proper firerings; many sites heavily eroded and unlevel.
- Campsites No Hookups: None have timbers, tent pads or modern hardware other than picnic tables.
- Boat Ramp: Current length is a problem in low water.
- Playground: Some components likely to need replacing in the next few years or replace the whole unit.
- Dump Station: Septic improvements in the future and a turn lane.; Area 2 Dump Station needs paving.
- Septic Field: Residence, entrance station, shop, group area restroom, Area 1 shower house, area restroom, area 2 shower house, day-use restroom, area 3 shower house, 2 dumpstations.
- Cemetery: 1 Hargrove Family Cemetery.

KIMBALL POINT

- Restrooms: Very small CMU construction; not ADA.
- Showerhouse: Area 2 showerhouse is not ADA; Needs to be replaced with ADA; Area 1 shower is 20 years old and in good condition.
- Campsites with Hookups: Some have timbers and some of those need replacing as well as some site hardware. Several have no timbers and are unlevel without new hardware other than picnic tables.
- Campsites No Hookups: none have timbers and most only have picnic tables; several are bad because they suffer from heavy erosion.
- Swimming Beach: Not a defined swim area, but a popular swimming spot. Access between the road and sand has eroded and needs stabilization and conditioning.
- Playground: Some components likely to need replacing in the next few years or replace the whole unit.

Septic Fields: Residence, entrance station, dumpstation 2 small restrooms, area 1 showerhouse, area 2 showerhouse. Installed new system at residence this year and added lines to dumpstation septic field 3 years ago.

NUTBUSH

- Restrooms: 1- good; 2- bad Area 1 (91-11-102) and Area 4 (91-11-104) toilets are 50+ years old and need to be replaced; Tiny CMU buildings and no ADA; Area 2 boatramp toilet (91-11-176) is 6 years old and Good.
- Showerhouse: Area 1 shower (91-11-111) is about 50 years old, non ADA and is in poor Condition; Will hopefully be replaced with Bond \$; Area 3 shower (91-11-143) is about 30 years old and in fair condition; needs new fixtures and a face lift.



APPENDIX - REPAIRS NEEDED (Continue From Spreadsheets)

NUTBUSH Continued

- Ranger Residence: Supt IV Residence (91-11-121) is 37 years old and in fair condition; carpet/Vinyl floors are 15 -20 years old and will need replacing after retirement of Supt. Ceiling spots ue to former water leak; Park Ranger Residence (91-11-105) is approx 50 years old and only about 1050 sq ft.I It is really too small for more than a couple with a small child to live in. Originally a 3BR, now has 2 BR and a Laundry /storage room.
- Playground: Components such as the slides and treads are beginning to show wear and will likely need to be replaced in the next few years.
- Dumpster Station: and needs to be pumped a few times a year; a second one built on the south side would be beneficial and releive the existing from over-use.Septic Field: Electric sites showerhouse, non-electric sites showerhouse, campground restroom, concessions bldg, shelter toilet, community building, entrance station, dump station, ranger residence. Recently repaired at non-electricshower house (91-11-39); several are approximately 50 years old.
- Septic Field: Area 4 toilet septic needs to be replaced. Dumpstation septic is overwhelmed occasionally and an additional dump station on the south side should alieviate that issue.

SATTERWHITE POINT

- Visitor Center: Carpet is original (20 years old for the office portion. Hall carpet has been replaced.) and is worn and needs replacingMarina Buildings: Toilet building (91-11-95) maintained but 50-years-old and non ADA; Marina Sales building (91-11-67)(used for boat repairs now) lots of flooring wear and tear.
- Maintenance Building: Auto Shop (91-11-60); Carpentry Shop (91-11-59); (91-11-66) Lift Building- No heat/air.
- Cemetery: 1 is Richard Henderson (marked), 2 is likely a slave cemetary (unmarked).

JC COOPER Campground and Group Area at Satterwhite Point

- Showerhouse: Main shower house (91-11-142) is 30 YO and in overall good condition; the Area 3 “First Come” shower (91-11-71)is functional but 50 YO and is not ADA, Group Area Shower (91-11-70) is 50 years old, has a drain problem in the floor and is not ADA.
- Campsites with Hookups: For sites 23-65 (Constructed in 1998), several timbers have rot, many fire rings and some lantern hooks need replacing; Sites 80-103 need 50 amp service.
ADA Accessible: Some new grills and lantern hooks needed; H1 & H2 need 50 amp.
- Campsites No Hookups: Heavy erosion, uneven surfaces with exposed roots.
- Boat Ramp: New rub rails on several guide poles are needed.



APPENDIX - FUTURE PROJECTS ALSO NEEDED

7. Satterwhite Point Day Use and Group Camp Improvements

The old group camp restroom building, and old picnic shelter(#2) and old toilet at picnic shelter #3 will be demolished. Improvements to the area include: a proposed shower house and septic system at the group camp, an vault toilet at amphitheater, a proposed 12-picnic shelter with a fireplace, a restroom building at the proposed shelter, a proposed restroom building at existing shelter #3 and adequate accessible parking with walking path.

8. Henderson Point Day-Use Area Improvements

Approximately 30 picnic tables are scattered about the Henderson Point day use area, not enough to meet the public demand. None of the sites meet accessibility standards, and few have grills. This project would upgrade the picnic facility by adding 20 picnic sites with granite screenings and site furnishings(picnic tables and grills).

Henderson Point has white, sandy beaches and is a popular swimming destination. A defined swim area is necessary for local visitors. This project would install a swim area between the Wildlife Resources Commission boat ramp and shelter #1. The swim area will have a swim line to define the area; as well as buoys, advising boats to keep out. The swim beach will be located close to parking and will allow for accessibility. The project also includes a shower house that will replace a small toilet building constructed in 1967 that is in poor condition. A concrete path to the shower house will also be constructed.

9. Henderson Point Group Camp Improvements

This project will improve the existing popular group camps at Henderson Point, which are in need of rehabilitation. The existing group sites has a capacity of 34 people and lack amenities such as: restroom and shower facilities, hardened tent pads, fire rings, and lantern hooks. A port-a-john currently serves as a toilet. For bathing, group camp users typically drive to shower facilities in the Area 1. This project will provide updated hardware for the group sites, proposed construction of four (4) tent pads with hardened granite screenings, and construct a group camp shower house with 2-3 showers per side or a unisex facility, and septic system. Adequate and accessible parking will be included in the project.

10. Bullocksville Campground Expansion

Campsites with electrical hookups are in high demand and frequently fill up on summer weekends. This project proposes to develop a proposed 30-campsite camping loop at Bullocksville. All the campsites will have 50 amp. electrical service. An ADA compliant shower house with solar and radiant heat, two septic systems, dump station improvements including road realignment, 25' wide, 5,500 linear feet of access road, are also a part of the project. An equipment shed (approx. 10' x 10'), will support the campground operations and storage facilities.

11. Shoreline Stabilization (Partner with USACOE, all funding by State) Wind and wave action and boating wakes have caused accelerated erosion along some of the shoreline and several campsites have been lost to erosion. This project proposes to reduce the erosion through stabilization along a total of approximately 5,500 feet of shoreline around Kerr Lake SRA. The project costs shown represent only an estimate of the share of the project. The project cost is dependent upon cost sharing negotiations with the U.S. Army Corps of Engineers,



APPENDIX - FUTURE PROJECTS ALSO NEEDED

who has indicated that they will not have funding for the foreseeable future. Shoreline stabilization fronts along County Line campground, Nutbush South, and Kimball Point have top priority.

12. Satterwhite Point Public Water Connection

Satterwhite Point currently uses well water. A public water supply is currently located approximately two (2) miles from the Satterwhite entrance. Connecting to this source would provide a safer and more reliable source of water for the Satterwhite facilities. Vance County is currently developing plans that could bring water closer to the park. When this happens, the cost to connect will decrease substantially. Once Vance County Utilities department extends the lines, this project should be funded to install a connecting water main and provide associated distribution lines to connect to Satterwhite Point access area.

13. Kimball Point Day-Use Area Improvements

Most of the Kimball Point day-use facilities were built in the late 1960's. They have been heavily used over the years. With the combination of use and time, their 50-year lifespan has taken a toll. Improvements to the area are now needed. In addition, the old facilities were not designed with accessibility since the universal standards began in the 1990's. This project will demolish the existing picnic shelter and replace it with a proposed shelter with 8- tables, proposed restroom building, and provide paved parking at the boat ramp area.

14. Bullocksville Day-Use Area Improvements

This project proposes general improvements to Bullocksville day-use area including: the proposed restroom building with a proposed septic system, paved parking will be expanded by 30 spaces at the picnic area, and 12 spaces at the trailhead along with ten (10) additional scattered picnic tables.

Bullocksville day use area is very popular for family reunions and gatherings. The two (2) six-table shelters are located close together and combined they have gravel parking for 30 vehicles. Visitors typically park along the roadside when both shelters are rented, creating a traffic hazard. The proposed improvements will alleviate this congestion. The trailhead proposed parking will meet this need of day use hikers.

15. Hibernia Day-Use Area Improvements

Most of Hibernia's facilities were constructed in the early 1970's. Existing facilities at the Hibernia day use area are inadequate to meet public demand and need general improvements. This project proposes to construct a picnic shelter with tables, along with a paved sidewalk and adequate parking. Parking improvements will also be made to improve storm drainage issues and meet accessible standards.

16. Three Ranger Residence Upgrades

Three (3) ranger residences have only one bathroom and several more have washer and dryer connections located in the kitchens, crowding the kitchen areas. This project proposes to add second bathrooms to three (3) residences and add utility rooms with washer and dryer connections to eight (8) residences. The improvements would make these residences more convenient for staff and aid in the recruitment and retention of personnel.



APPENDIX - FUTURE PROJECTS ALSO NEEDED

17. Hibernia Dump Station Improvements

The existing dump station creates problems because of its location in a 90 degree curve in the main access road. This project proposes reconfiguring or relocating the dump station to a better location. Realignment of the road and additional thru lane per current standards are needed and a new septic system will be constructed.

18. County Line New Group Camp Area

This project proposes to construct a primitive group camp at County Line. Kerr Lake State Recreation Area has few trails, and hiking and nature study are among the most popular activities for visitors at state parks and recreation areas. County Line, 225 acres in size, has the largest expanse of undeveloped land managed by the Division at Kerr Lake, some of which seems well suited for trail development.

The project scope includes three granite screenings to be hardened for camping sites (the number to be determined during the design process), 1,200 feet of paved access road, campsite hardware, vault toilet, 12-table picnic shelter with a fireplace, an entrance gate, a two-mile hiking trail and trailhead parking for minimum 12 vehicles, and an equipment shed for maintenance. The hiking trail will run from the terminus of County Line Road to the end of the peninsula and loop back, passing through hardwood and pine forests and offering scenic views of the lake.

19. Hibernia and Henderson Point Playgrounds

This project proposes the development of four (4) playgrounds, two at Hibernia and two at Henderson Point. Currently, only one tot lot located in the day use area at Hibernia. The additional tot lot will be added to the area #1 camping loop and one the area loop #2. The additional playground would provide convenience and safety to campers by allowing children to use playground equipment without having to travel along the main campground roads.

There is also one existing tot lot located in the day use area of Henderson Point. This project proposes to add a playground in each of the two camping loops for additional amenities and safety issues. Like at Hibernia, the construction of the playgrounds would provide convenience and safety to campers by allowing children to use such equipment close to their campsite without traveling to the main campground road.

20. Henderson Point Boat Ramp Improvements

The N.C. Wildlife Resources Commission (WRC) operates a boating access at Henderson Point under a memorandum of agreement (MOA) with the Division. The area has one launch lane, 20 parking spaces and no dock. While it is located behind the Henderson Point entrance station, because it is a WRC access, an entrance fee is not charged to ramp users. The Division is working with the WRC to create a new WRC operated access on the west side of the Nutbush Creek Arm. Once this is done, the N.C. Parks could then manage the ramp and charge an entrance fee. The WRC has indicated they may be willing to relocate. Once the access area becomes Division operated, this project would make improvements that include adding a courtesy dock for boaters.