

James Baird State Park

Town of LaGrange, Dutchess County, New York

**Master Plan and
Environmental Impact Statement**

Appendices

October 26, 2022
Revised January 25, 2023

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Figure 1 – Park Location Map



Figure 1 - Park Location

James Baird State Park
Master Plan

Map produced by NY State Office of Parks, Recreation and Historic Preservation, April 2011

Figure 2 – Park Boundary and Topography

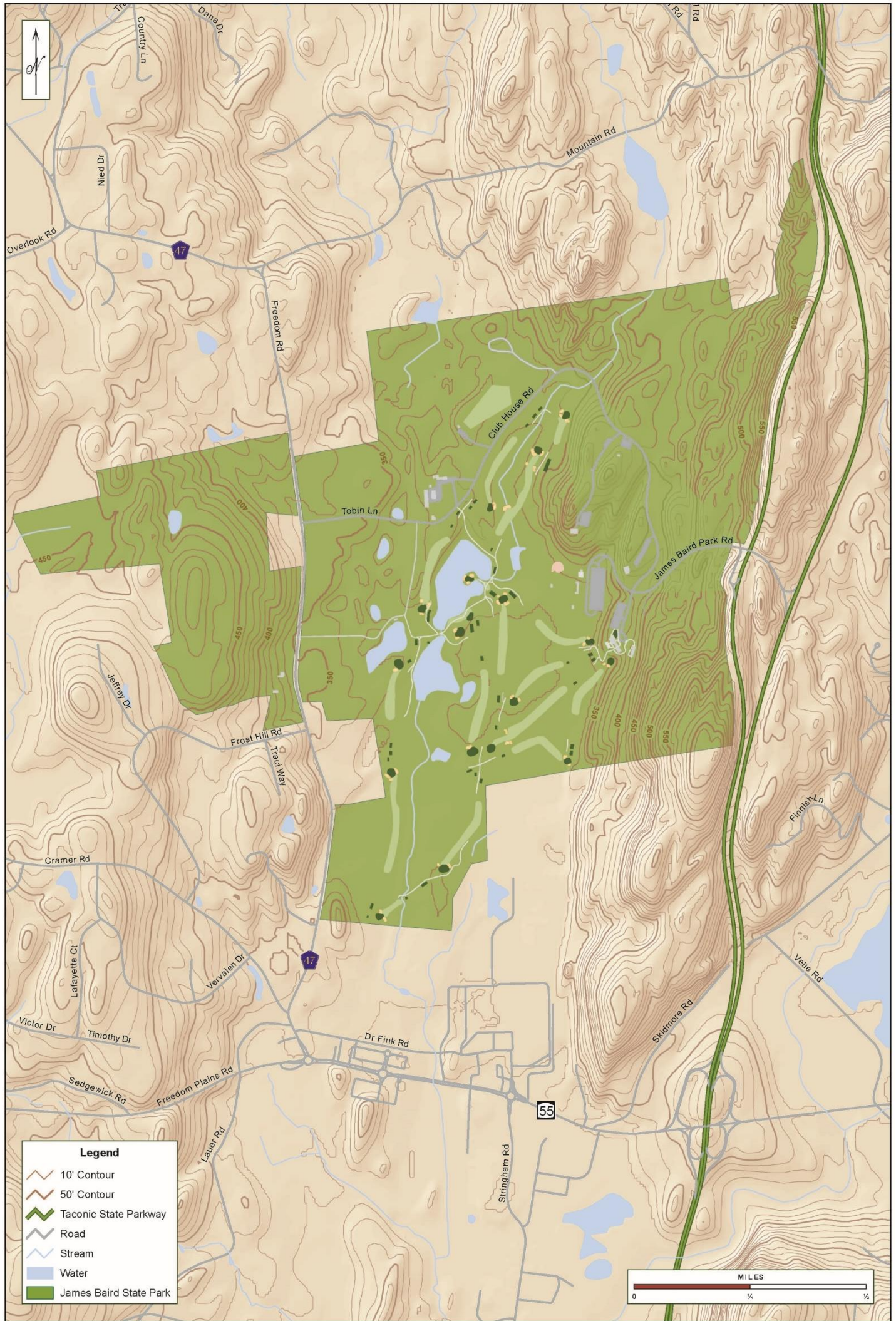


Figure 2 – Park Boundary and Topography

James Baird State Park
Master Plan

Figure 3 – Adjacent Land Use

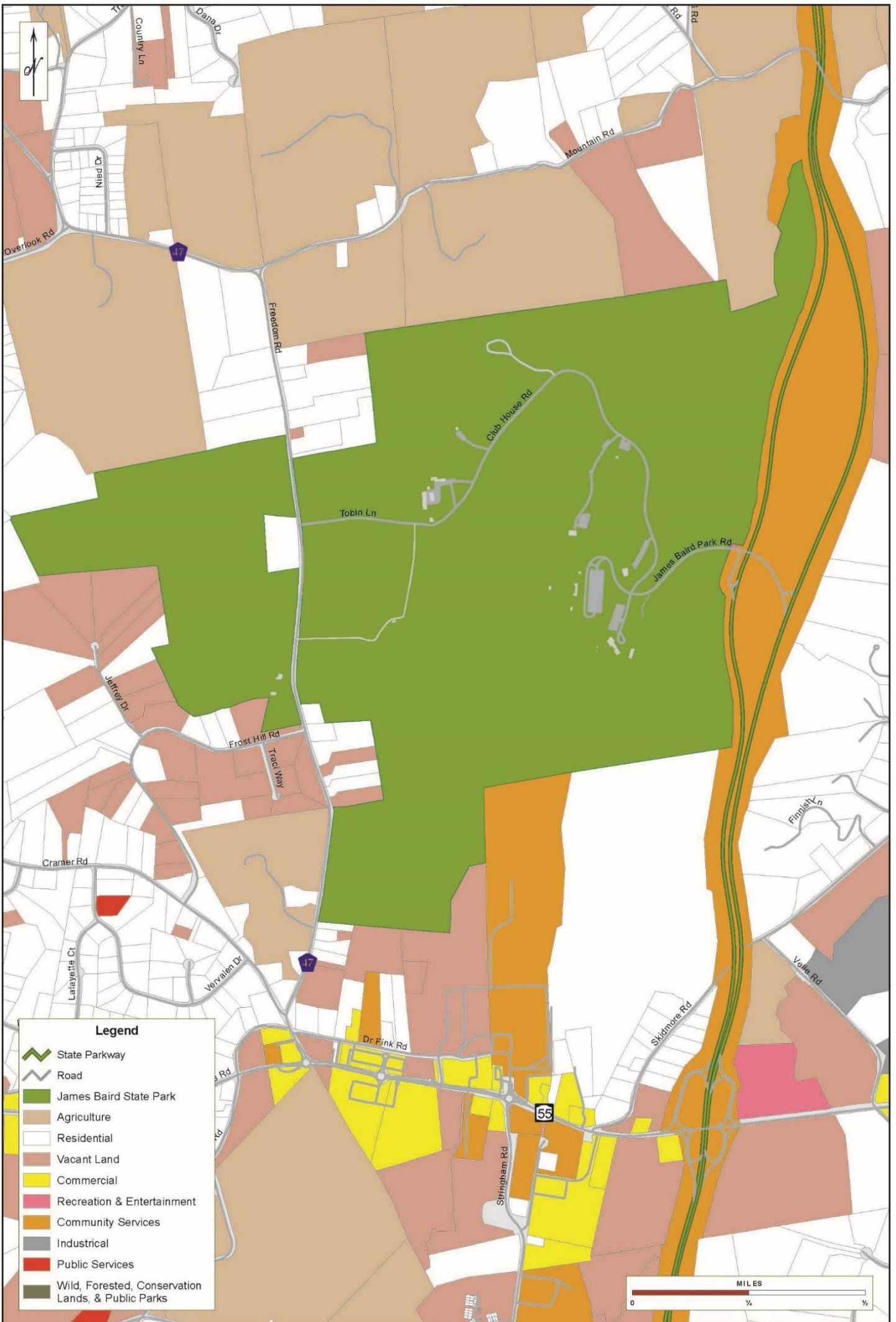


Figure 3 – Adjacent Land Use

James Baird State Park
Master Plan

Map produced by NYS DPWSP © G. Roma, April 26, 2011

Figure 4 – Surficial Geology

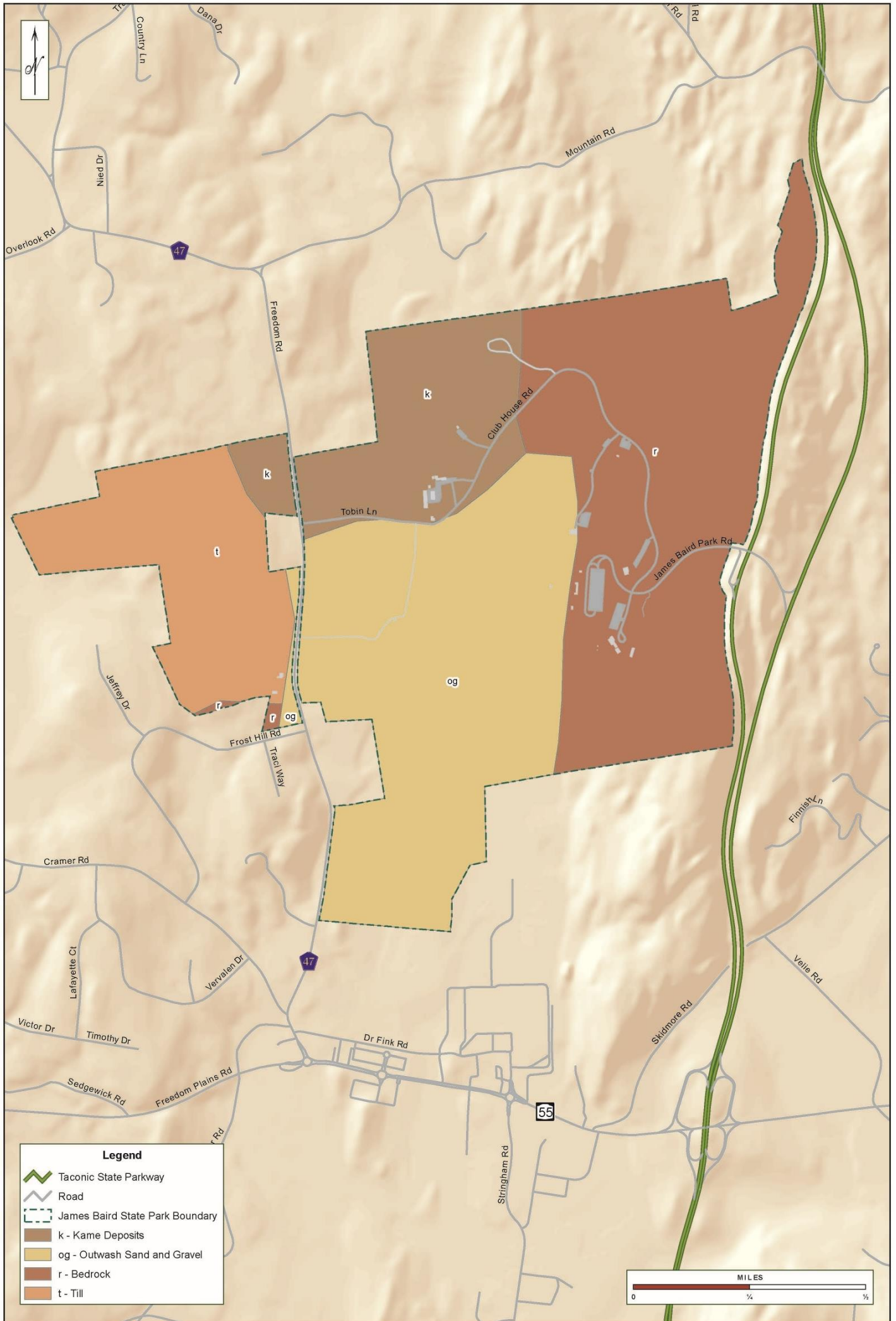


Figure 4 – Surficial Geology

James Baird State Park
Master Plan

Figure 5 – Bedrock Geology

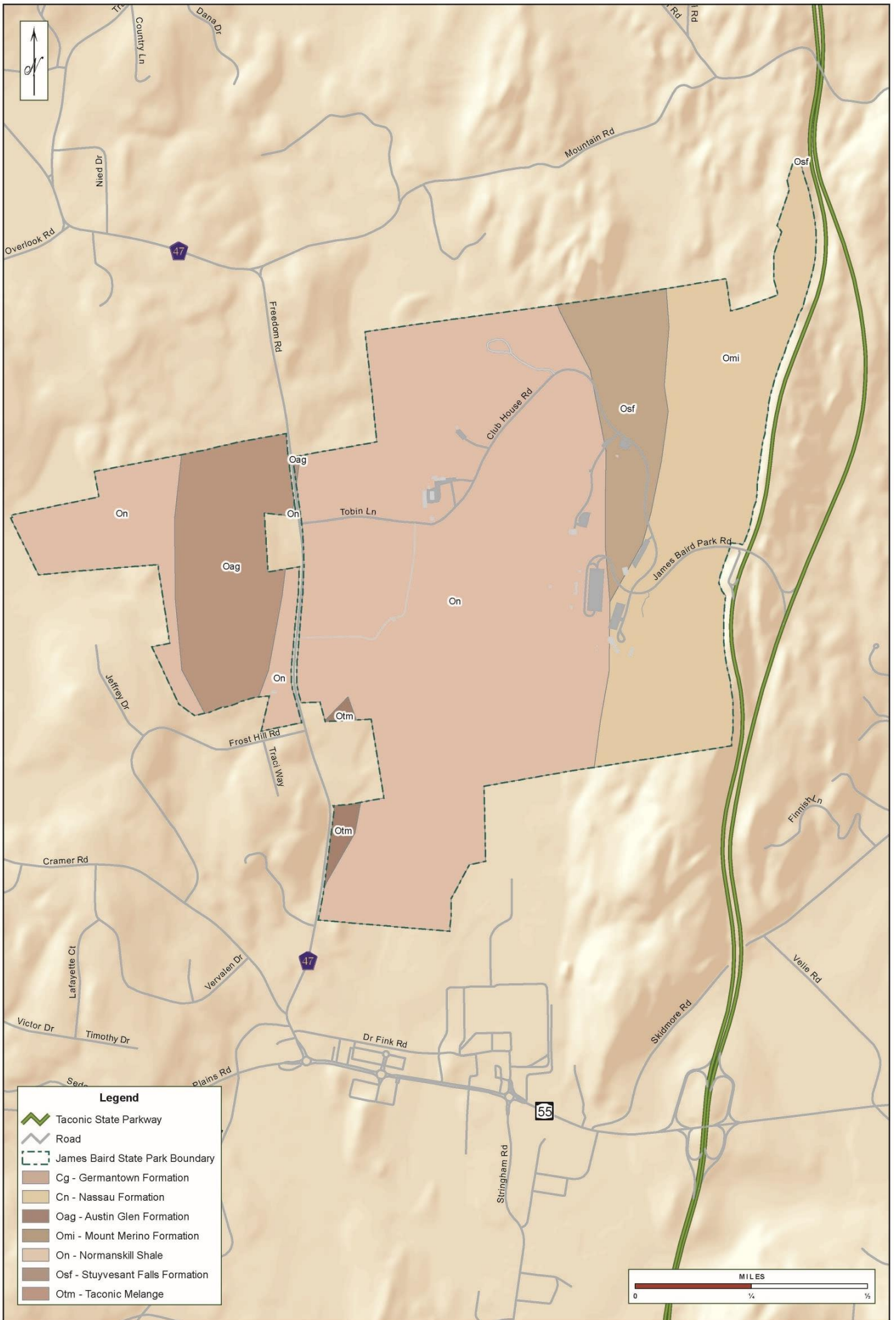


Figure 5 – Bedrock Geology

James Baird State Park
Master Plan

Map produced by NY State Office of General Services, April 26, 2021.

Figure 6 – Watershed

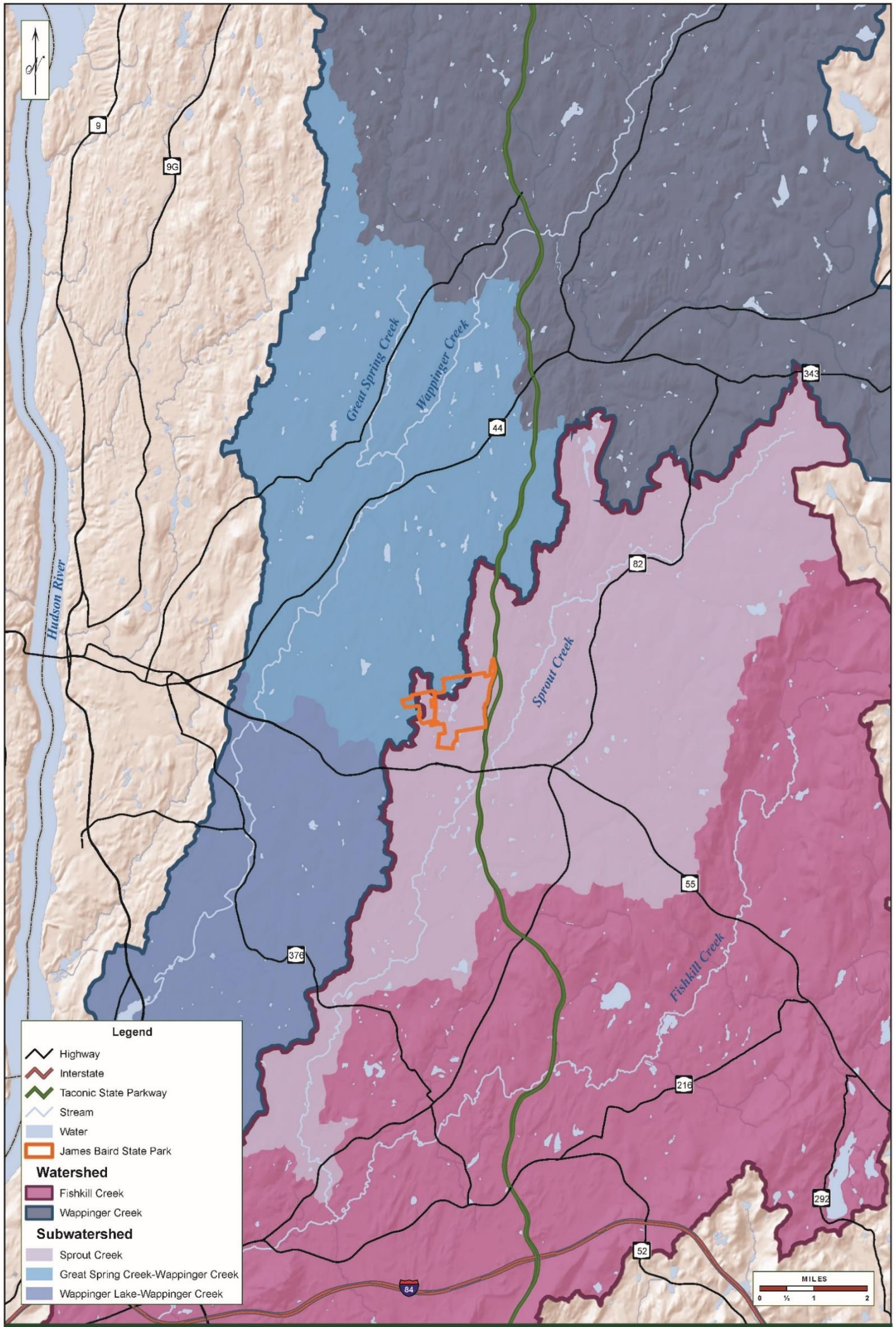


Figure 6 – Watershed

James Baird State Park
Master Plan

Map produced by NYSD OTHM GIS Bureau, December 28, 2021.

Figure 7 – Water Resources

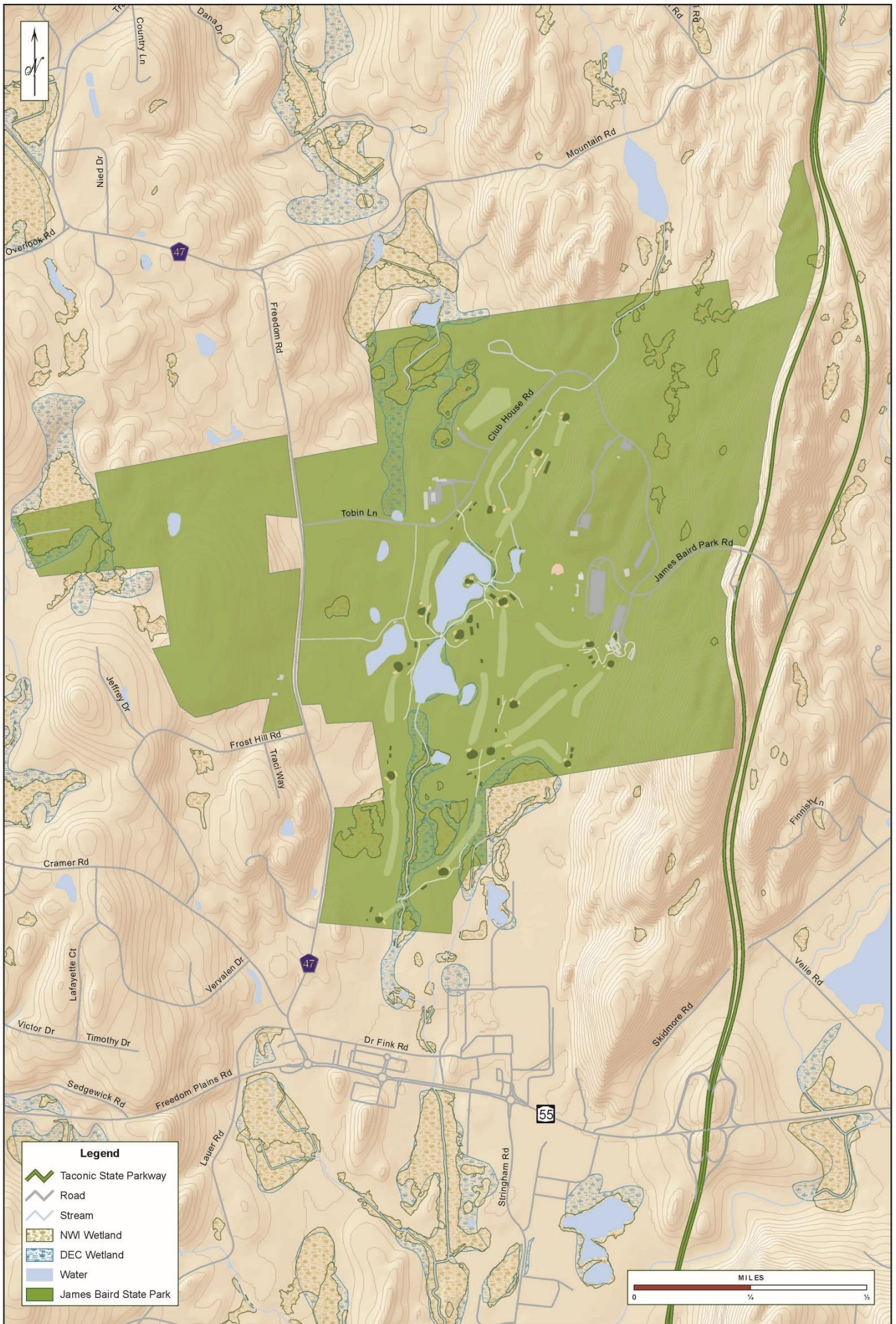


Figure 7 – Water Resources

James Baird State Park
Master Plan

Map produced by M/S OFRHP-010 Bureau, April 26, 2021

Figure 8 – Soils

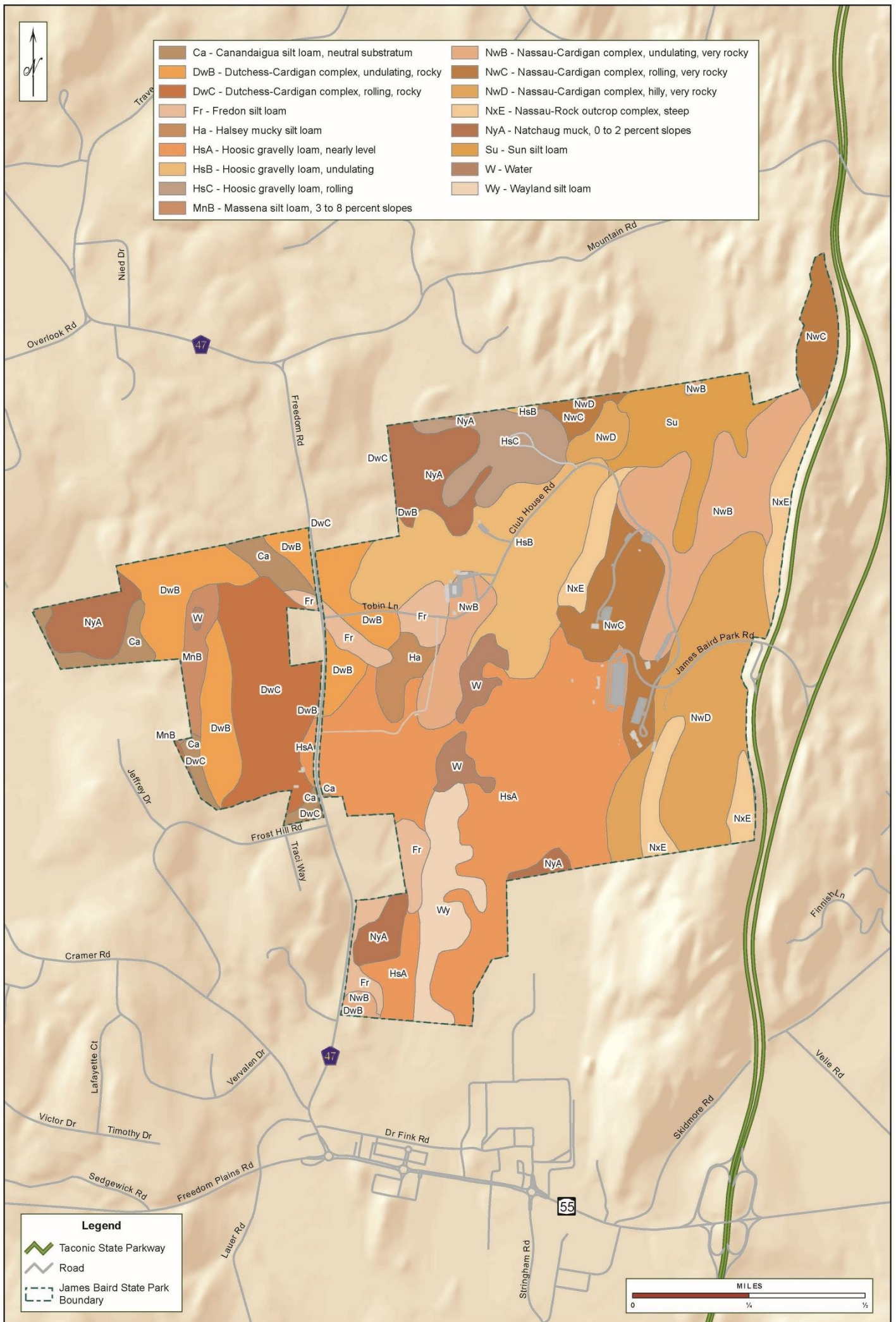


Figure 8 – Soils

James Baird State Park
Master Plan

Figure 9 – Ecological Communities at Baird

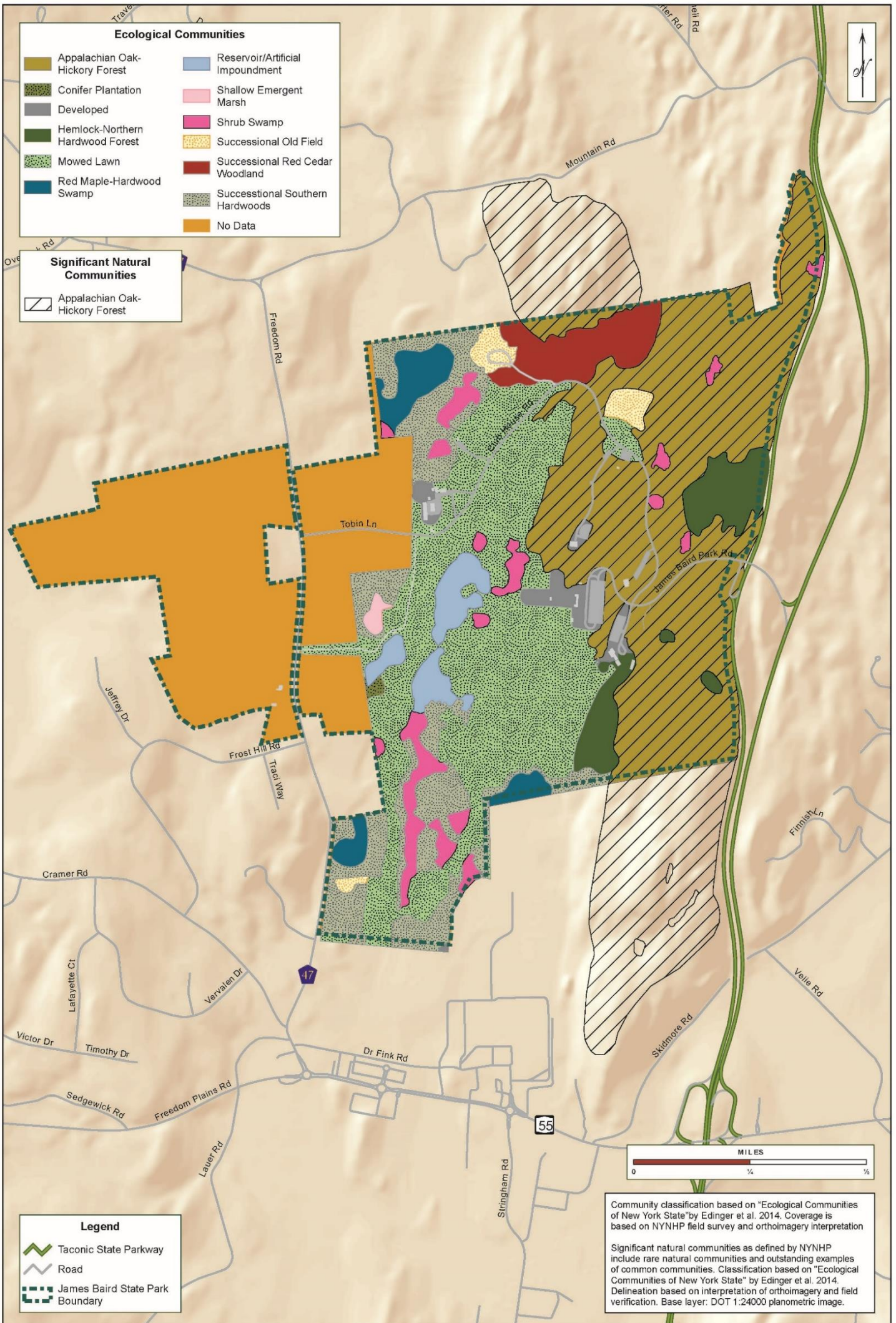


Figure 9 – Ecological Communities

James Baird State Park Master Plan

Map produced by NYS DPW/SPR 985 Bureau, April 14, 2022

Figure 10 – Recreational Resources

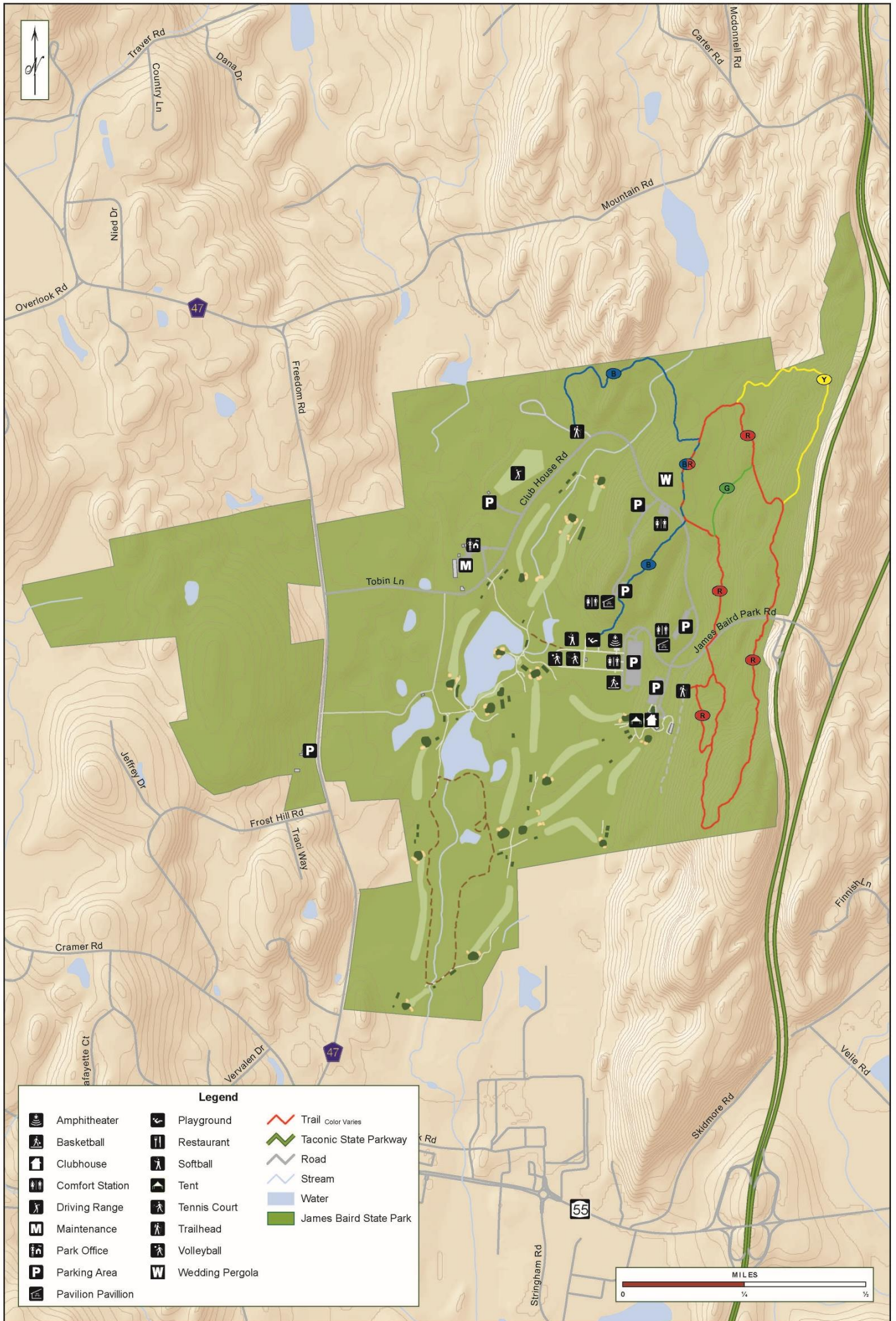


Figure 10 – Recreation Resources

James Baird State Park
Master Plan

Figure 11 –Existing Trails

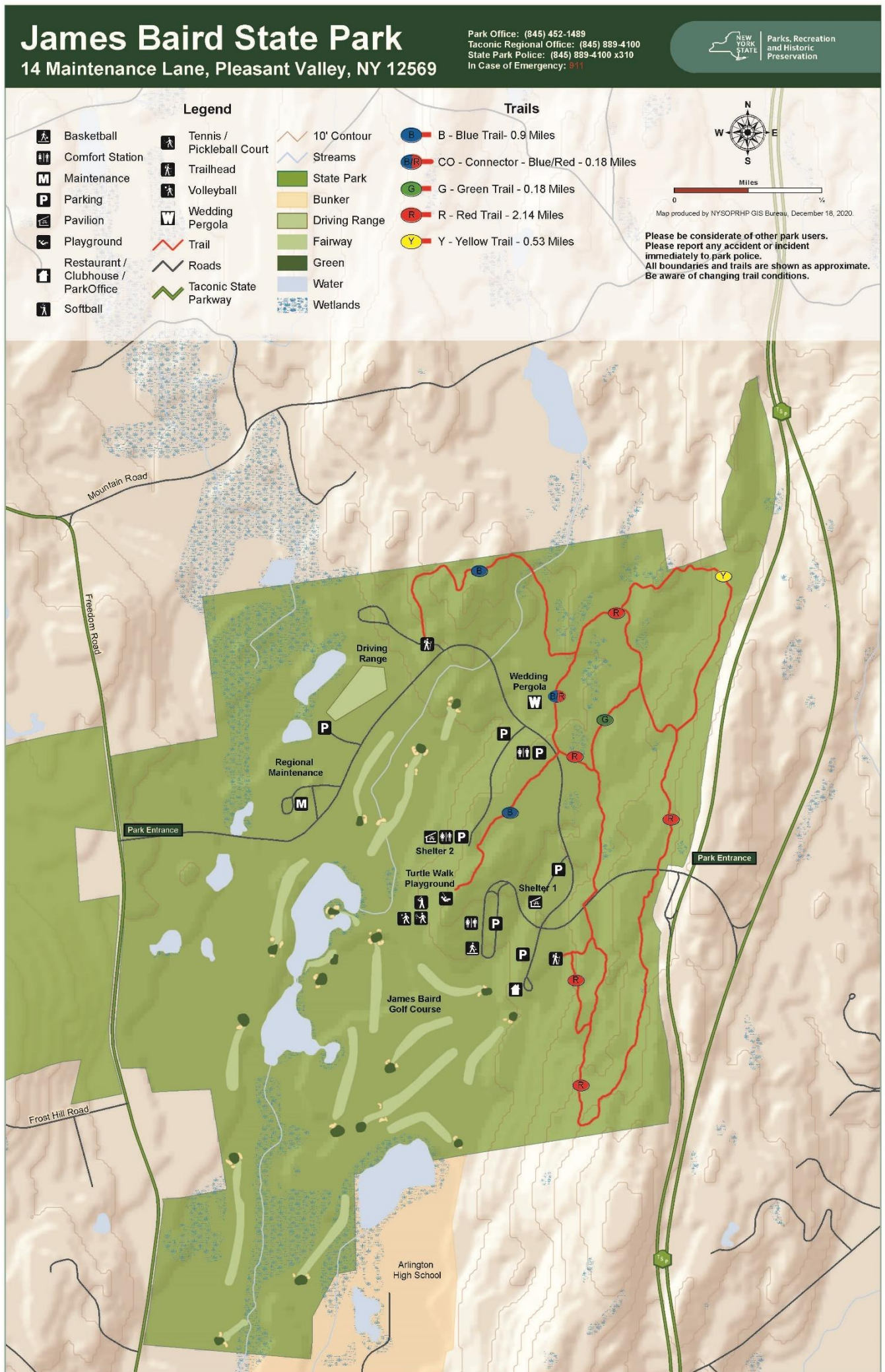
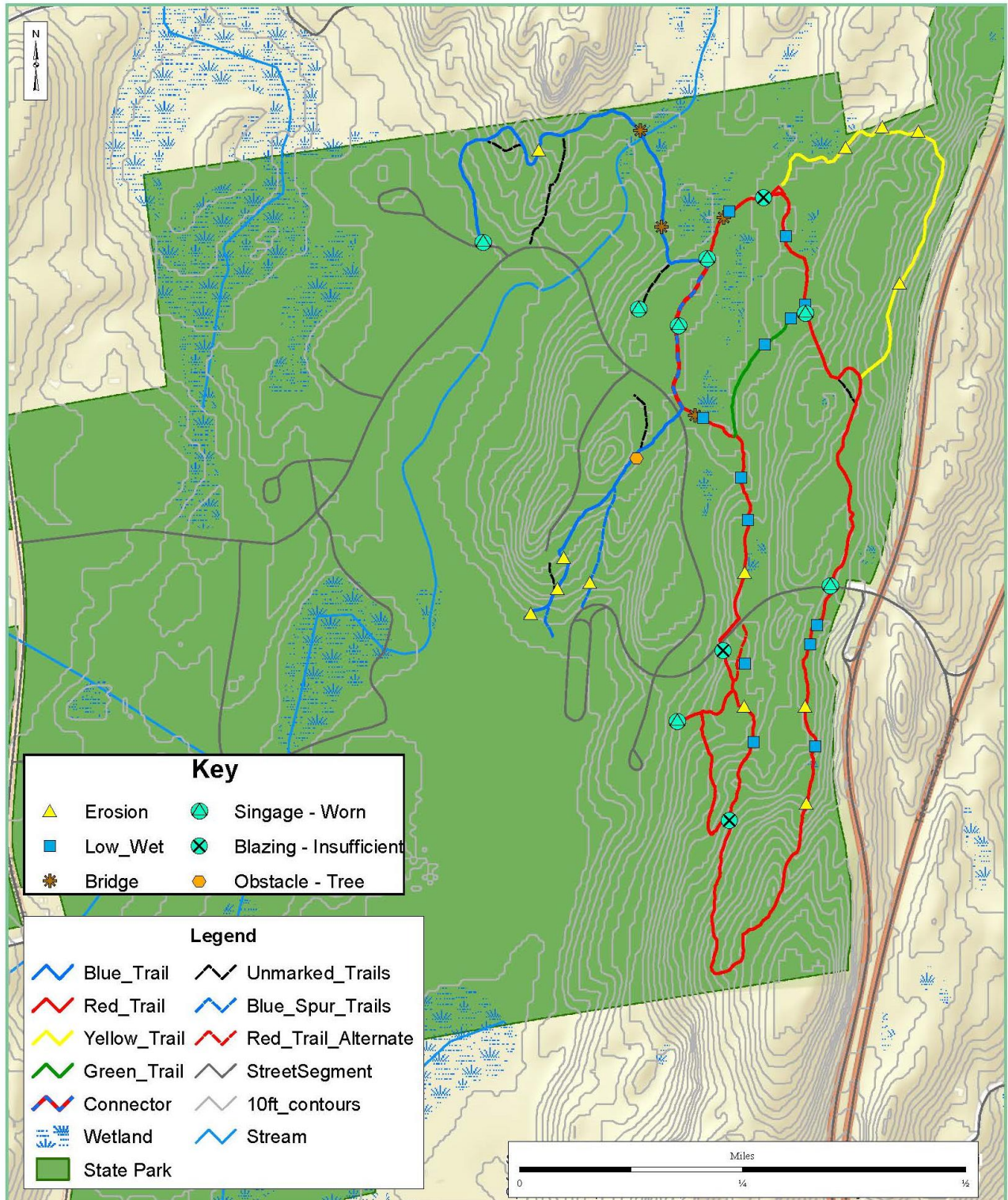


Figure 11a –Existing Trail Conditions Map



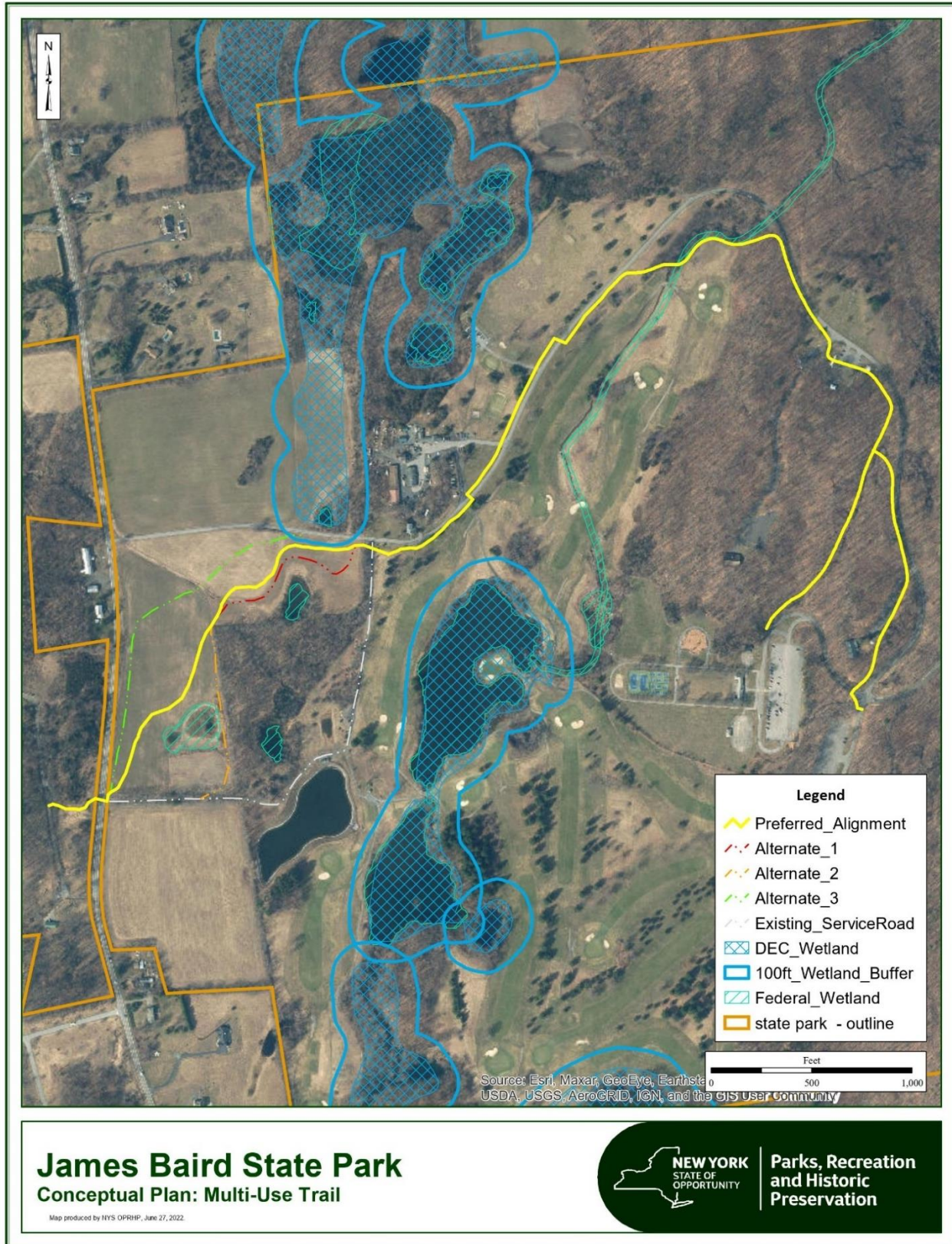
James Baird State Park - Existing Trail Conditions

Map produced by NYS OPRHP, December 22, 2020.



Parks, Recreation
and Historic
Preservation

Figure 12 - Multi-Use Path Conceptual Alignment



Appendix A – Historic/Non-Historic Review Resource Designations

James Baird State Park/TAC Region

Historic and Non-Historic Resources Overview

Revised 25 November 2020

William E. Krattinger, DHP/Parks Survey Project

Field survey 10 June/2 July 2020 (Krattinger)

District/Parent Unique Site Number: 02708.000150

Individual Unique Site Numbers: 33

Historic status: James Baird SP has an existing State/National Register of Historic Places determination of eligibility (2017) as a historic district with a defined period of significance 1940-1972; significance was ascribed in the areas of recreation, architecture, and landscape architecture. Those resources that date to the period of significance are deemed contributing (historic/eligible) while those that post-date 1972 are deemed non-contributing (non-historic/not eligible); the status of the park’s various resources are itemized below.

Park Resources

Pre-1940 Resources

James Baird SP once contained numerous features that predated the park’s establishment. Central among those was the vernacular dwelling referred to as the James Baird House, a portion of which may have predated 1800; it was demolished and is no longer extant. The principal remaining pre-park resource is the current park manager’s house, nineteenth-century vernacular dwelling the precise date of which has yet to be confirmed.

<u>Extant Resources from pre-1940 Period (historic/contributing)</u>	<u>Unique Site Number</u>
Park Manager’s House; ca. 1835 & later	02708.000016
Stone retaining wall, Tobin Lane; date unknown	02708.000188

Park Resources 1940-42/1945-72

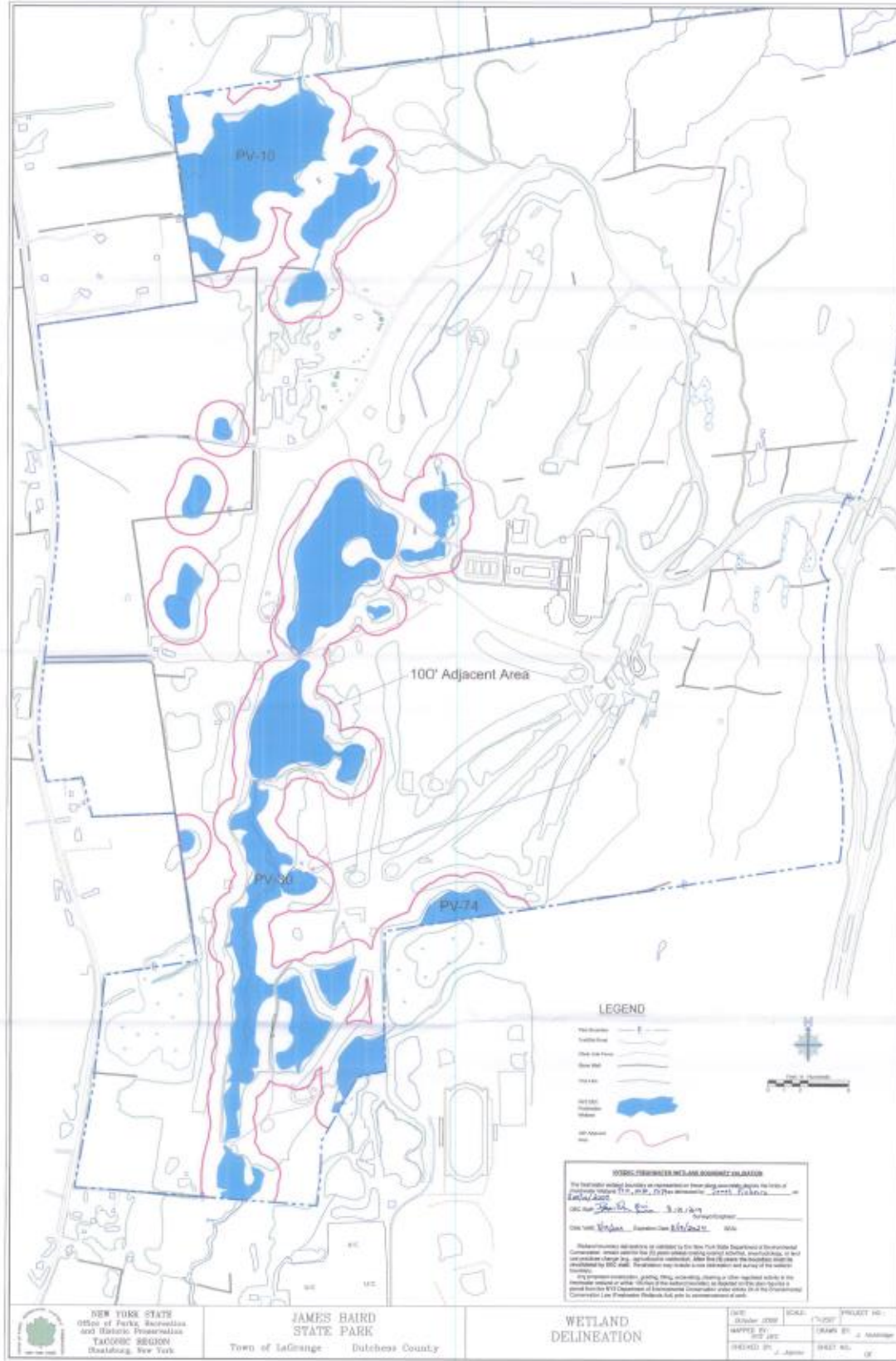
In March 1939 the Taconic State Park Commission (“TSPC”) accepted 571.24 acres of land from James and Cornelia Baird, followed in July of that year with an additional 9.3 acres; the October 1939 TSPC minutes noted that the park’s “development should comprehend intensive recreational day use and that the facilities to be provided should include a golf course, swimming pool and bathhouse, tennis courts, handball courts, shuffle board, archery, bowling greens, restaurant, bridle paths and picnic places.” First-period improvements were undertaken by the Civilian Conservation Corps (“CCC”) between 1940 and 1942; CCC Camp SP-58 was established in 1940 and ceased activity in September 1942. Works Progress Administration (“WPA”) projects there were terminated in February 1943.

The park’s golf course and clubhouse were CCC/WPA projects that were begun before the war but not completed; immediate post-war plans called for their completion along with the construction of a swimming pool, bathhouse, restaurant, and comfort station. The swimming pool is no longer extant (backfilled/removed 1980s), nor is a related concessions building with bathrooms once located

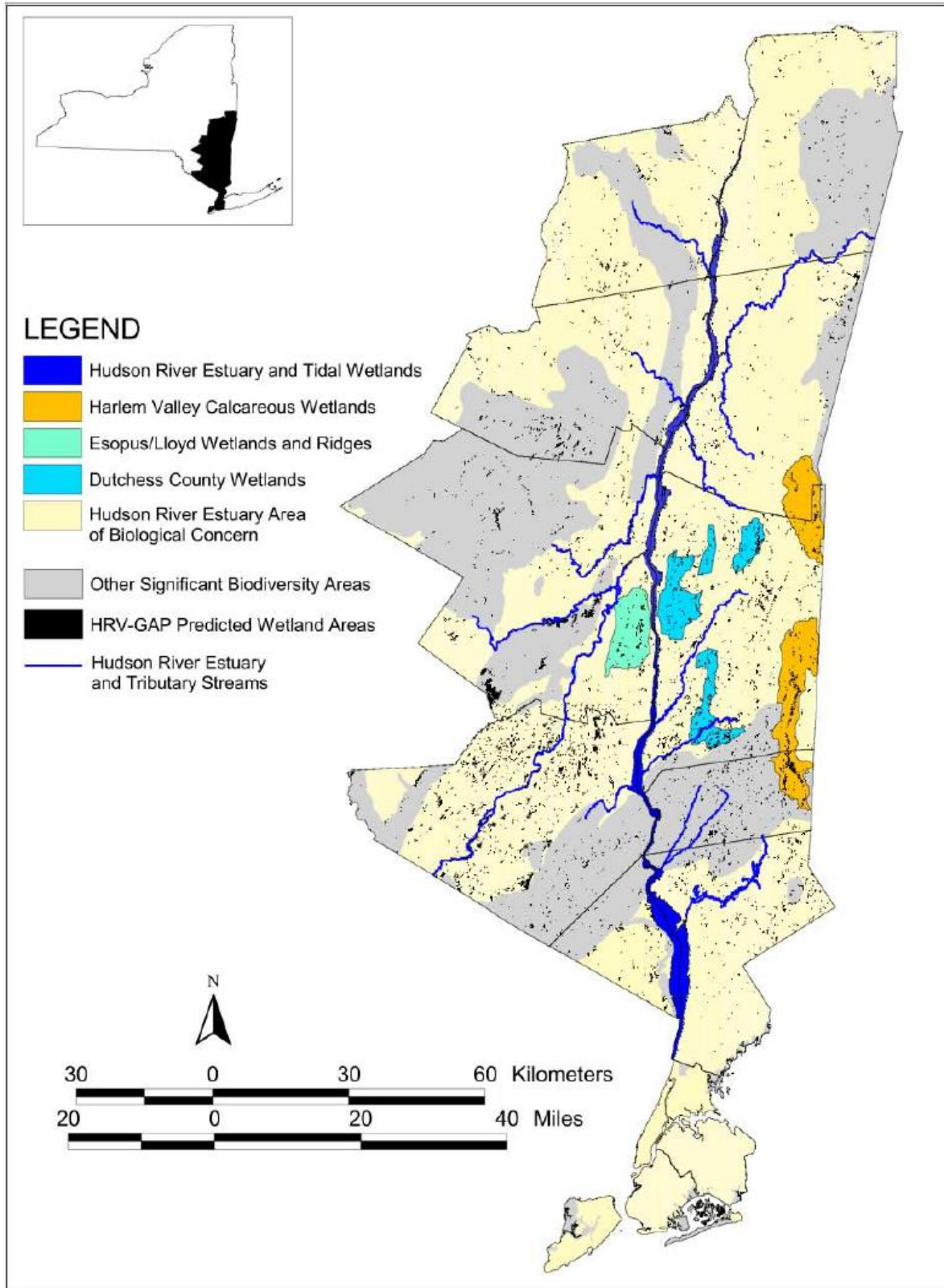
immediately west of it (demolished more recently). The bathhouse, located on the former pool's east side, remains, as does a similarly styled building located adjacent to the former roller rink, south of the bathhouse. The bathhouse was designed by the architectural firm of Skidmore, Owings & Merrill, one of the leading architectural offices in the nation during the 1950s; the golf clubhouse was designed by Jones, Davis & Associates; the course was laid out with Robert Trent Jones serving as a design consultant.

<u>1940-72 period resources (historic/contributing to DOE)</u>	<u>Unique Site Number</u>
Golf Clubhouse (Jones, Davis & Associates); ca. 1940	02708.000014
Golf Course (Robert Trent Jones, consultant); ca. 1940-48	02708.000168
Former Bathhouse (Skidmore, Owings & Merrill); ca. 1949-50	02708.000170
Former Skating Rink; ca. 1949-50	02708.000177
Former Skating Rink Shelter/Nature Center, ca. 1949-50	02708.000176
Music Bandshell; ca. 1948-49	02708.000169
Baseball diamond; ca. 1950	02708.000175
Picnic Shelter No. 1; ca. 1948-50	02708.000178
Picnic Shelter No. 2; ca. 1948-50	02708.000180
Cabin No. 2 (ruinous); ca. 1925	02708.000018
Driving Range Shelter; ca. 1952-53	02708.000184
Maintenance/Park Office; ca. 1936 and later	02708.000013
Maintenance/Garage; ca. 1952	02708.000011
Maintenance/Carpenter's garage; ca. 1936	02708.000012
Golf cart garage; ca. 1952-53	02708.000192
Storage shed; ca. 1940 (need to plot USN)	N/A
Pump houses; ca. 1948-50 (need to plot USNs)	N/A
<u>Post-1972 Non-Historic/Non-Extant or Altered Features</u>	<u>Unique Site Number</u>
Pool; 1950 (not extant/backfilled)	02708.000173
Pool Concessions Building; 1950 (only platform remains)	02708.000144/02708.000171
James Baird House; ca. 1785 & later (not extant)	02708.000015
Comfort station "Knollside;" ca. 1963 (not extant)	02708.000152
Comfort station; recent (replaced above)	02708.000182
Tobin House/91 Freedom Road (not extant)	02708.000149
Cabin No. 1; ca. 1925 (only chimney remains)	02708.000017/02708.000190
Playground; recent/post-1972	02708.000174
Racquet sports complex; ca. 1950 (altered)	02708.000172
Water tower; recent/post-1972	02708.000183
Pergola; recent/post-1972	02708.000189
Concrete tent pad; recent/post-1972	02708.000191
Maintenance/pole barn; 1977-78 and 1992	02708.000186
Maintenance/concrete storage bunker; recent/post-1972	02708.000187
Water treatment building; 2010 (need to plot USN)	N/A

Appendix B – NYS DEC Wetland Delineation (2009)



Appendix C – Significant Biodiversity Areas of the Hudson River Estuary



Appendix D – James Baird Fauna Species List

Note: A “Y” (Yes) in the “Potentially There” column indicates that those species are *likely* to occur at Baird, but are unconfirmed (i.e., they should be there but no documentation or direct observation of them has been made). A blank field in that column indicates species that are *known* to occur within the park.

SGCN Species of Greatest Conservation Need

SC Special Concern

E Endangered

T Threatened

Documented Fauna - James Baird State Park							
	Scientific Name	Common Name	Confirmed	Potential	NYS Listing	Federal Listing	SGCN
MAMMALS							
Bats	<i>Eptesicus fuscus</i>	Big Brown Bat		X			
	<i>Lasionycteris noctivagans</i>	Silver-haired Bat		X			
	<i>Lasiurus borealis</i>	Eastern Red Bat		X			
	<i>Lasiurus cinereus</i>	Hoary Bat		X			
	<i>Myotis leibii</i>	Eastern Small-footed Bat		X	SC		
	<i>Myotis lucifugus</i>	Little Brown Bat		X			Y
	<i>Myotis sodalis</i>	Indiana Bat		X	E	E	
Rabbits and Hares	<i>Sylvilagus floridanus</i>	Eastern Cottontail	X				
Rodents	<i>Blarina brevicauda</i>	Short-tailed Shrew		X			
	<i>Castor canadensis</i>	Beaver	X				
	<i>Glaucomys</i> sp.	Flying Squirrel	X				
	<i>Marmota monax</i>	Woodchuck	X				
	<i>Microtus pennsylvanicus</i>	Meadow Vole		X			
	<i>Ondatra zibethicus</i>	Muskrat	X				
	<i>Peromyscus leucopus</i>	White-footed Mouse	X				
	<i>Sciurus carolinensis</i>	Eastern Gray Squirrel	X				
Carnivores	<i>Canis latrans</i>	Eastern Coyote	X				
	<i>Didelphis virginiana</i>	Virginia Opossum	X				
	<i>Lynx rufus</i>	Bobcat	X				
	<i>Mephitis mephitis</i>	Striped Skunk	X				
	<i>Mustela frenata</i>	Long-tailed Weasel		X			
	<i>Neovison vison</i>	American Mink	X				
	<i>Procyon lotor</i>	Raccoon	X				
	<i>Urocyon cinereoargenteus</i>	Gray Fox		X			
	<i>Ursus americanus</i>	American Black Bear	X				
	<i>Vulpes vulpes</i>	Red Fox	X				
Even-toed Ungulates	<i>Odocoileus virginianus</i>	White-tailed Deer	X				

Cont.

BIRDS							
Grebes	<i>Podilymbus podiceps</i>	Pied-billed Grebe	X		T		Y
Hérons, Ibis, and Allies	<i>Ardea alba</i>	Great Egret	X				
	<i>Ardea herodias</i>	Great Blue Heron	X				
	<i>Botaurus lentiginosus</i>	American Bittern	X		SC		
	<i>Butorides virescens</i>	Green Heron	X				
Swans and Geese	<i>Branta canadensis</i>	Canada Goose	X				
	<i>Chen caerulescens</i>	Snow Goose	X				
	<i>Cygnus olor</i>	Mute Swan	X				
Dabbling Ducks	<i>Aix svonsa</i>	Wood Duck	X				
	<i>Anas acuta</i>	Northern Pintail	X				
	<i>Anas carolinensis</i>	Green-winged Teal	X				
	<i>Anas platyrhynchos</i>	Mallard	X				
	<i>Anas rubripes</i>	American Black Duck	X				Y
	<i>Anas rubripes x platyrhynch</i>	Mallard x American Black Duck Hybrid	X				
	<i>Mareca americana</i>	American Wigeon	X				
Diving Ducks	<i>Aythya collaris</i>	Ring-necked Duck	X				
	<i>Bucephala albeola</i>	Bufflehead	X				
	<i>Lophodytes cucullatus</i>	Hooded Merganser	X				
	<i>Mergus mergansus</i>	Common Merganser	X				
Diurnal Raptors	<i>Accipiter cooperii</i>	Cooper's Hawk	X		SC		
	<i>Accipiter striatus</i>	Sharp-shinned Hawk	X		SC		
	<i>Buteo jamaicensis</i>	Red-tailed Hawk	X				
	<i>Buteo lineatus</i>	Red-shouldered Hawk		X	SC		
	<i>Buteo platypterus</i>	Broad-winged Hawk	X				
	<i>Cathartes aura</i>	Turkey Vulture	X				
	<i>Circus cyaneus</i>	Northern Harrier	X		T		Y
	<i>Coragyps atratus</i>	Black Vulture	X				
	<i>Haliaeetus leucocephalus</i>	Bald Eagle	X		T		Y
Upland Game Birds	<i>Meleagris gallopavo</i>	Wild Turkey	X				
Rails, Gallinules, and Allies	<i>Fulica americana</i>	American Coot	X				
	<i>Rallus limicola</i>	Virginia Rail	X				
Shorebirds	<i>Actitis macularius</i>	Spotted Sandpiper	X				
	<i>Calidris minutilla</i>	Least Sandpiper	X				
	<i>Charadrius vociferus</i>	Killdeer	X				
	<i>Scolopax minor</i>	American Woodcock		X			
	<i>Tringa melanoleuca</i>	Greater Yellowlegs	X				
	<i>Tringa flavipes</i>	Lesser Yellowlegs	X				
Skuas, Jaegers, Gulls	<i>Larus delawarensis</i>	Ring-billed Gull	X				
Pigeons and Doves	<i>Columba livia</i>	Rock Pigeon	X				
	<i>Zenaida macroura</i>	Mourning Dove	X				
Cuckoos	<i>Coccyzus americanus</i>	Yellow-billed Cuckoo	X				
	<i>Coccyzus erythrophthalmus</i>	Black-billed Cuckoo	X				

Cont.

Owls	<i>Otus asio</i>	Eastern Screech Owl	X				
	<i>Strix varia</i>	Barred Owl	X				
Goatsuckers	<i>Chordeiles minor</i>	Common Nighthawk	X		SC		Y
Swifts	<i>Chaetura pelagica</i>	Chimney Swift	X				
Hummingbirds	<i>Archilochus colubris</i>	Ruby-throated Hummingbird	X				
Kingfishers	<i>Megasceryle alcyon</i>	Belted Kingfisher	X				
Woodpeckers	<i>Drvocopus pileatus</i>	Pileated Woodpecker	X				
	<i>Colaptes auratus</i>	Northern Flicker	X				
	<i>Melanerpes carolinus</i>	Red-bellied Woodpecker	X				
	<i>Picoides pubescens</i>	Downy Woodpecker	X				
	<i>Picoides villosus</i>	Hairy Woodpecker	X				
	<i>Sphyrapicus varius</i>	Yellow-bellied Sapsucker	X				
Falcons	<i>Falco columbarius</i>	Merlin	X				
	<i>Falco sparverius</i>	American Kestrel	X				
Tyrant Flycatchers	<i>Contopus virens</i>	Eastern Wood-Pewee	X				
	<i>Empidonax minimus</i>	Least Flycatcher	X				
	<i>Empidonax traillii</i>	Willow Flycatcher	X				
	<i>Myiarchus crinitus</i>	Great Crested Flycatcher	X				
	<i>Sayornis phoebe</i>	Eastern Phoebe	X				
	<i>Tyrannus tyrannus</i>	Eastern Kingbird	X				
Vireos	<i>Vireo flavifrons</i>	Yellow-throated Vireo	X				
	<i>Vireo gilvus</i>	Warbling Vireo	X				
	<i>Vireo olivaceus</i>	Red-eyed Vireo	X				
	<i>Vireo solitarius</i>	Blue-headed Vireo	X				
Jays and Crows	<i>Corvus brachyrhynchos</i>	American Crow	X				
	<i>Corvus corax</i>	Common Raven	X				
	<i>Cyanocitta cristata</i>	Blue Jay	X				
	<i>Corvus ossifragus</i>	Fish Crow	X				
Larks	<i>Eremophila alpestris</i>	Horned Lark	X		SC		Y
Swallows	<i>Hirundo rustica</i>	Barn Swallow	X				
	<i>Tachycineta bicolor</i>	Tree Swallow	X				
	<i>Stelgidopteryx serripennis</i>	Northern Rough-winged Swallow	X				
Chickadees, Nuthatches, and Their Allies	<i>Baeolophus bicolor</i>	Tufted Titmouse	X				
	<i>Certhia americana</i>	Brown Creeper	X				
	<i>Poecile atricapilla</i>	Black-capped Chickadee	X				
	<i>Sitta carolinensis</i>	White-breasted Nuthatch	X				
Wrens	<i>Thryothorus ludovicianus</i>	Carolina Wren	X				
	<i>Troglodytes aedon</i>	House Wren	X				
	<i>Troglodytes troglodytes</i>	Winter Wren	X				
Kinglets and Gnatcatchers	<i>Poliophtila caerulea</i>	Blue-gray Gnatcatcher	X				
	<i>Regulus calendula</i>	Ruby-crowned Kinglet	X				
	<i>Regulus satrapa</i>	Golden-crowned Kinglet	X				

Cont.

Thrushes	<i>Sialia sialis</i>	Eastern Bluebird	X				
	<i>Catharus fuscescens</i>	Veery	X				
	<i>Catharus ustulatus</i>	Swainson's Thrush	X				
	<i>Catharus guttatus</i>	Hermit Thrush	X				
	<i>Hylocichla mustelina</i>	Wood Thrush	X				Y
	<i>Turdus migratorius</i>	American Robin	X				
Mimids	<i>Dumetella carolinensis</i>	Gray Catbird	X				
	<i>Mimus polyglottos</i>	Northern Mockingbird	X				
	<i>Toxostoma rufum</i>	Brown Thrasher	X				
Pipits	<i>Anthus rubescens</i>	American Pipit	X				
Waxwings	<i>Bombycilla cedrorum</i>	Cedar Waxwing	X				
Starlings, Myna, and Bulbul	<i>Sturnus vulgaris</i>	European Starling	X		Exotic		
Wood-warblers	<i>Dendroica discolor</i>	Prairie Warbler	X				Y
	<i>Geothlypis trichas</i>	Common Yellowthroat	X				
	<i>Helmitheros vermivorum</i>	Worm-eating Warbler	X				Y
	<i>Leiothlypis peregrina</i>	Tennessee Warbler	X				
	<i>Mniotilta varia</i>	Black-and-white Warbler	X				
	<i>Seiurus aurocapilla</i>	Ovenbird	X				
	<i>Setophaga coronata</i>	Yellow-rumped Warbler	X				
	<i>Setophaga magnolia</i>	Magnolia Warbler	X				
	<i>Setophaga palmarum</i>	Palm Warbler	X				
	<i>Setophaga pensylvanica</i>	Chestnut-sided Warbler	X				
	<i>Setophaga petechia</i>	Yellow Warbler	X				
	<i>Setophaga pinus</i>	Pine Warbler	X				
	<i>Setophaga ruticilla</i>	American Redstart	X				
	<i>Setophaga striata</i>	Blackpoll Warbler	X				
<i>Setophaga virens</i>	Black-throated Green Warbler	X					
Tanagers, Cardinals, and Their Allies			X				
	<i>Cardinalis cardinalis</i>	Northern Cardinal					
	<i>Passerina cyanea</i>	Indigo Bunting	X				
	<i>Pheucticus ludovicianus</i>	Rose-breasted Grosbeak	X				
	<i>Piranga olivacea</i>	Scarlet Tanager	X				Y
Emberzine Sparrows and Their Allies	<i>Junco hyemalis</i>	Dark-eyed Junco	X				
	<i>Melospiza georgiana</i>	Swamp Sparrow	X				
	<i>Melospiza melodia</i>	Song Sparrow	X				
	<i>Passerculus sandwichensis</i>	Savannah Sparrow	X				
	<i>Passerella iliaca</i>	Fox Sparrow	X				
	<i>Pipilo erythrophthalmus</i>	Eastern Towhee	X				
	<i>Poaeetes gramineus</i>	Vesper Sparrow	X		SC		Y
	<i>Spizella arborea</i>	American Tree Sparrow	X				
	<i>Spizella passerina</i>	Chipping Sparrow	X				
	<i>Spizella pusilla</i>	Field Sparrow	X				
	<i>Zonotrichia albicollis</i>	White-throated Sparrow	X				
Icterids	<i>Agelaius phoeniceus</i>	Red-winged Blackbird	X				
	<i>Dolichonyx oryzivorus</i>	Bobolink	X				Y
	<i>Euphagus carolinus</i>	Rusty Blackbird	X				Y
	<i>Icterus galbula</i>	Baltimore Oriole	X				
	<i>Icterus spurius</i>	Orchard Oriole	X				
	<i>Molothrus ater</i>	Brown-headed Cowbird	X				
	<i>Quiscalus quiscula</i>	Common Grackle	X				
	<i>Sturnella magna</i>	Eastern Meadowlark	X				Y
Finches and Old World Sparrows	<i>Haemorhous mexicanus</i>	House Finch	X				
	<i>Haemorhous purpureus</i>	Purple Finch	X				
	<i>Passer domesticus</i>	House Sparrow	X				
	<i>Spinus tristis</i>	American Goldfinch	X				

Cont.

REPTILES							
Turtles	<i>Chelydra serpentina</i>	Snapping Turtle	X				
	<i>Chrysemys picta</i>	Painted Turtle	X				
	<i>Clemmys guttata</i>	Spotted Turtle	X		SC		
	<i>Emydoidea blandingii</i>	Blanding's Turtle	X		T		Y
	<i>Glyptemys insculpta</i>	Wood Turtle	X		SC		
	<i>Sternotherus odoratus</i>	Eastern Musk Turtle	X				Y
	<i>Terrapene carolina</i>	Eastern Box Turtle	X		SC		
	<i>Trachemys scripta elegans</i>	Red-eared Slider	X		Exotic		
Snakes							
Snakes	<i>Lampropeltis triangulum</i>	Eastern Milksnake		X			
	<i>Nerodia sipedon</i>	Northern Water Snake	X				
	<i>Pantherophis obsoletus</i>	Black Ratsnake	X				
	<i>Thamnophis sauritus</i>	Eastern Ribbon Snake	X				
	<i>Thamnophis sirtalis</i>	Eastern Garter Snake	X				
AMPHIBIANS							
Frogs and Toads	<i>Anaxyrus americanus</i>	American Toad	X				
	<i>Hyla versicolor</i>	Gray Treefrog	X				
	<i>Lithobates catesbeianus</i>	American Bullfrog	X				
	<i>Lithobates clamitans</i>	Green Frog	X				
	<i>Lithobates palustris</i>	Pickerel Frog	X				
	<i>Lithobates sylvaticus</i>	Wood Frog	X				
	<i>Pseudacris crucifer</i>	Spring Peeper	X				
	Salamanders & Newts						
Salamanders & Newts	<i>Ambystoma jeffersonianum</i>	Jefferson Salamander	X		SC		
	<i>Ambystoma laterale</i>	Blue-Spotted Salamander	X		SC		
	<i>Ambystoma laterale x jeffersonianum</i>	Blue-Spotted/Jefferson Salamander Hybrid	X				
	<i>Ambystoma maculatum</i>	Spotted Salamander	X				
	<i>Ambystoma opacum</i>	Marbled Salamander	X		SC		
	<i>Notophthalmus viridescens</i>	Red-spotted Newt	X				
	<i>Plethodon cinereus</i>	Eastern Red-backed Salamander	X				
	FISH						
FISH	<i>Catostomus commersonii</i>	White Sucker		X			
	<i>Lepomis gibbosus</i>	Pumpkinseed		X			
	<i>Lepomis macrochirus</i>	Bluegill		X			
	<i>Micropterus salmoides</i>	Largemouth Bass	X				
	<i>Notemigonus crysoleucas</i>	Golden Shiner		X			
	<i>Rhinichthys atratulus</i>	Eastern Blacknose Dace		X			
INVERTEBRATES - Data Lacking							
Beetles	<i>Cicindela sexguttata</i>	Six-spotted Tiger Beetle	X				
			X				
Butterflies	<i>Danaus plexippus</i>	Monarch	X				
	<i>Papilio glaucus</i>	Eastern Tiger Swallowtail	X				
			X				
Odonates	<i>Calopteryx maculata</i>	Ebony Jewelwing		X			
	<i>Erythemis simplicicollis</i>	Eastern Pondhawk		X			
			X				
Snails	<i>Physa vernalis</i>	Springtime Physa	X				

Appendix E – James Baird Bird Species List

Field Checklist of Bird Species, James Baird SP

Checklist (generated 12/10/2020) with data from eBird (Dutchess County, New York (ebird.org/hotspot/L469303). 131 species (+5 other taxa) observed.

Waterfowl

Snow Goose
 Canada Goose
 Mute Swan
 Wood Duck
 American Wigeon
 Mallard
 American Black Duck
 Mallard x Am. Black Duck (hybrid)
 Northern Pintail
 Green-winged Teal
 Ring-necked Duck
 Bufflehead
 Hooded Merganser
 Common Merganser

Grouse, Quail, and Allies

Wild Turkey

Pigeons and Doves

Rock Pigeon
 Mourning Dove

Cuckoos

Yellow-billed Cuckoo
 Black-billed Cuckoo

Nightjars

Common Nighthawk

Swifts

Chimney Swift

Hummingbirds

Ruby-throated Hummingbird

Rails, Gallinules, and Allies

American Coot

Shorebirds

Killdeer
 Least Sandpiper
 Spotted Sandpiper
 Greater Yellowlegs
 Lesser Yellowlegs

Gulls, Terns, and Skimmers

Ring-billed Gull

Hérons, Ibis, and Allies

Great Blue Heron
 Great Egret
 Green Heron

Vultures, Hawks, and Allies

Black Vulture
 Turkey Vulture
 Northern Harrier
 Sharp-shinned Hawk
 Cooper's Hawk
 Accipiter sp.
 Bald Eagle
 Broad-winged Hawk
 Red-tailed Hawk
 Buteo sp.
 hawk sp.

Owls

Barred Owl
 Short-eared Owl

Kingfishers

Belted Kingfisher

Woodpeckers

Yellow-bellied Sapsucker
 Red-bellied Woodpecker
 Downy Woodpecker
 Hairy Woodpecker
 Pileated Woodpecker
 Northern Flicker

Falcons and Caracaras

American Kestrel
 Merlin

Tyrant Flycatchers: Pewees, Kingbirds, and Allies

Eastern Wood-Pewee
 Willow Flycatcher
 Eastern Phoebe
 Great Crested Flycatcher
 Eastern Kingbird

Vireos

Yellow-throated Vireo
Blue-headed Vireo
Warbling Vireo
Red-eyed Vireo

Jays, Magpies, Crows, and Ravens

Blue Jay
American Crow
Fish Crow
Common Raven

Tits, Chickadees, and Titmice

Black-capped Chickadee

Tufted Titmouse

Larks

Horned Lark

Martins and Swallows

Northern Rough-winged Swallow
Tree Swallow
Barn Swallow

Kinglets

Golden-crowned Kinglet
Ruby-crowned Kinglet

Nuthatches

White-breasted Nuthatch

Treecreepers

Brown Creeper

Gnatcatchers

Blue-gray Gnatcatcher

Wrens

House Wren
Winter Wren
Carolina Wren

Starlings and Mynas

European Starling

Catbirds, Mockingbirds, and Thrashers

Gray Catbird
Brown Thrasher
Northern Mockingbird

Thrushes

Eastern Bluebird
Veery
Swainson's Thrush
Hermit Thrush
Wood Thrush
American Robin

Waxwings

Cedar Waxwing

Old World Sparrows

House Sparrow

Wagtails and Pipits

American Pipit

Finches, Euphonias, and Allies

House Finch
Purple Finch
American Goldfinch

New World Sparrows

Chipping Sparrow
Field Sparrow
American Tree Sparrow
Fox Sparrow
Dark-eyed Junco
White-throated Sparrow
Vesper Sparrow
Savannah Sparrow
Song Sparrow
Swamp Sparrow
Eastern Towhee

Blackbirds

Bobolink
Eastern Meadowlark
Orchard Oriole
Baltimore Oriole
Red-winged Blackbird
Brown-headed Cowbird
Rusty Blackbird
Common Grackle
blackbird sp.

Wood-Warblers

Ovenbird
Worm-eating Warbler
Black-and-white Warbler
Tennessee Warbler
Common Yellowthroat
American Redstart

Magnolia Warbler
Yellow Warbler
Chestnut-sided Warbler
Blackpoll Warbler
Palm Warbler
Pine Warbler
Yellow-rumped Warbler
Prairie Warbler
Black-throated Green Warbler

Cardinals, Grosbeaks, and Allies

Scarlet Tanager
Northern Cardinal
Rose-breasted Grosbeak
Indigo Bunting

Appendix F – James Baird Flora Species List

Source: Dr. Patrick Louis Cooney

<http://www.nynjctbotany.org/lqtofc/nybaird.html>

Trees

Acer rubrum (red maple)
Acer saccharum (sugar maple)
Ailanthus altissima (tree-of-heaven)*
Betula lenta (black birch)
Carpinus caroliniana (musclewood)
Carya glabra (pignut hickory)
Carya ovata (shagbark hickory)
Carya sp. (hickory)
Castanea dentata (American chestnut)
Cornus florida (flowering dogwood)
Fagus grandifolia (American beech)
Fraxinus sp. (ash)
Juniperus virginiana (red cedar)
Nyssa sylvatica (tupelo)
Ostrya virginiana (eastern hop hornbeam)
Pinus strobus (white pine)
Populus grandidentata (big toothed aspen)
Prunus serotina (black cherry)
Quercus alba (white oak)
Quercus palustris (pin oak)
Quercus rubra (red oak)
Robinia pseudoacacia (black locust)*
Sassafras albidum (sassafras)
Tilia americana (American basswood)
Tsuga canadensis (eastern hemlock)
Ulmus rubra (slippery elm)

Shrubs:

Berberis thunbergii (Japanese barberry)*
Chimaphila maculata (striped wintergreen)
Cornus racemosa (gray dogwood)
Euonymus alatus (winged euonymus)*
Hamamelis virginiana (witch hazel)
Hibiscus syriacus (rose-of-Sharon)*
Ligustrum sp. (privet)*
Lindera benzoin (spicebush)
Lonicera morrowii (Morrow's honeysuckle)*
Rhamnus sp. (buckthorn)*
Rhus glabra (smooth sumac)
Rosa multiflora (multiflora rose)*
Rubus occidentalis (black raspberry)
Rubus sp. (blackberry)
Sambucus canadensis (common elderberry)
Spiraea japonica (Japanese spiraea)*
Staphylea trifolia (bladdernut)

Vaccinium corymbosum (high bush blueberry)
Vaccinium pallidum (hillside blueberry)
Viburnum acerifolium (maple leaf viburnum)
Viburnum dentatum (hairy arrowwood viburnum)
Zanthoxylum americanum (prickly ash)

Vines:

Amphicarpaea bracteata (hog peanut)
Celastrus orbiculatus (Asiatic bittersweet)*
Menispermum canadense (Canada moonseed)
Parthenocissus quinquefolia (Virginia creeper)
Smilax sp. (greenbrier)
Toxicodendron radicans (poison ivy)
Vitis spp. (grape)

Herbs:

Acalypha sp. (three-seeded mercury)
Achillea millefolium (yarrow)
Actaea alba (doll's eyes)
Ajuga reptans (bugleweed)*
Alliaria petiolata (garlic mustard)*
Ambrosia artemisiifolia (common ragweed)
Amphicarpaea bracteata (hog peanut)
Anemone thalictroides (rue anemone)
Anemone virginiana (thimbleweed)
Antennaria sp. (pussytoes)
Apocynum androsaemifolium (spreading dogbane)
Aquilegia canadensis (columbine)
Aralia nudicaulis (wild sarsaparilla)
Arctium minus (common burdock)
Arisaema triphyllum (Jack-in-the-pulpit)
Artemisia vulgaris (common mugwort)
Asclepias syriaca (common milkweed)*
Aster acuminatus (sharp-leaved aster)
Aster divaricatus (white wood aster)
Cardamine impatiens (narrow-leaved bittercress)*
Centaurea maculosa (spotted knapweed)*
Chrysanthemum leucanthemum (ox-eye daisy)*
Cichorium intybus (chicory)*
Circaea lutetiana (enchanter's nightshade)
Cirsium sp. (thistle)
Collinsonia canadensis (horsebalm)
Conyza canadensis (horseweed)
Coronilla varia (crown vetch)
Daucus carota (Queen Anne's lace)

Dianthus armeria (Deptford pink)
Duchesnea indica (Indian strawberry)
Erechtites hieraciifolia (pileweed)
Erigeron annuus (daisy fleabane)
Eupatorium rugosum (white snake root)
Fragaria sp. (strawberry)
Galium aparine (cleavers)
Geranium maculatum (wild geranium)
Geum canadense (white avens)
Hackelia virginiana (Virginia stickseed)
Hypoxis hirsuta (yellow star grass)
Impatiens capensis (orange jewelweed)
Lactuca canadensis (wild lettuce)
Leonurus cardiaca (motherwort)
Lobelia inflata (Indian tobacco)
Lotus corniculatus (birdfoot trefoil)*
Lythrum salicaria (purple loosestrife)*
Maianthemum canadense (Canada mayflower)
Oenothera biennis (common evening primrose)
Osmorhiza claytonii (sweet cicely)
Oxalis sp. (yellow wood sorrel)
Paronychia canadensis (forked chickweed)
Phryma leptostachya (lopseed)
Plantago lanceolata (English plantain)
Plantago major (common plantain)
Polygonatum pubescens (hairy true Solomon's seal)
Polygonum cespitosum (cespitosse smartweed)
Polygonum virginianum (jumpseed)
Potentilla canadensis (dwarf cinquefoil)
Potentilla simplex (common cinquefoil)
Potentilla sp. (cinquefoil)
Prunella vulgaris (self-heal)
Pyrola elliptica (shinleaf)
Ranunculus bulbosus (bulbous buttercup)
Rumex obtusifolius (broad dock)
Sanicula gregaria (cluster sanicle)
Satureja vulgaris (wild basil)
Silene vulgaris (bladder campion)
Solidago bicolor (silverrod)
Solidago caesia (blue stem goldenrod)
Solidago gigantea (late goldenrod)
Solidago juncea (early goldenrod)
Symplocarpus foetidus (skunk cabbage)
Taraxacum officinale (common dandelion)
Thalictrum dioicum (early meadow rue)
Trifolium pratense (red clover)
Trifolium repens (white clover)
Urtica dioica var. *procera* (tall nettle)
Verbascum blattaria (moth mullein) 8/10/04
Verbascum thapsus (common mullein)
Verbena urticifolia (white vervain) 8/10/04

Veronica officinalis (common speedwell)
Viola spp. (violets)

Rushes:

Juncus effusus (soft rush):
Juncus tenuis (path rush)

Sedges:

Carex laxiflora type (loose-flowered type sedge):
Carex pensylvanica (Pennsylvania sedge)

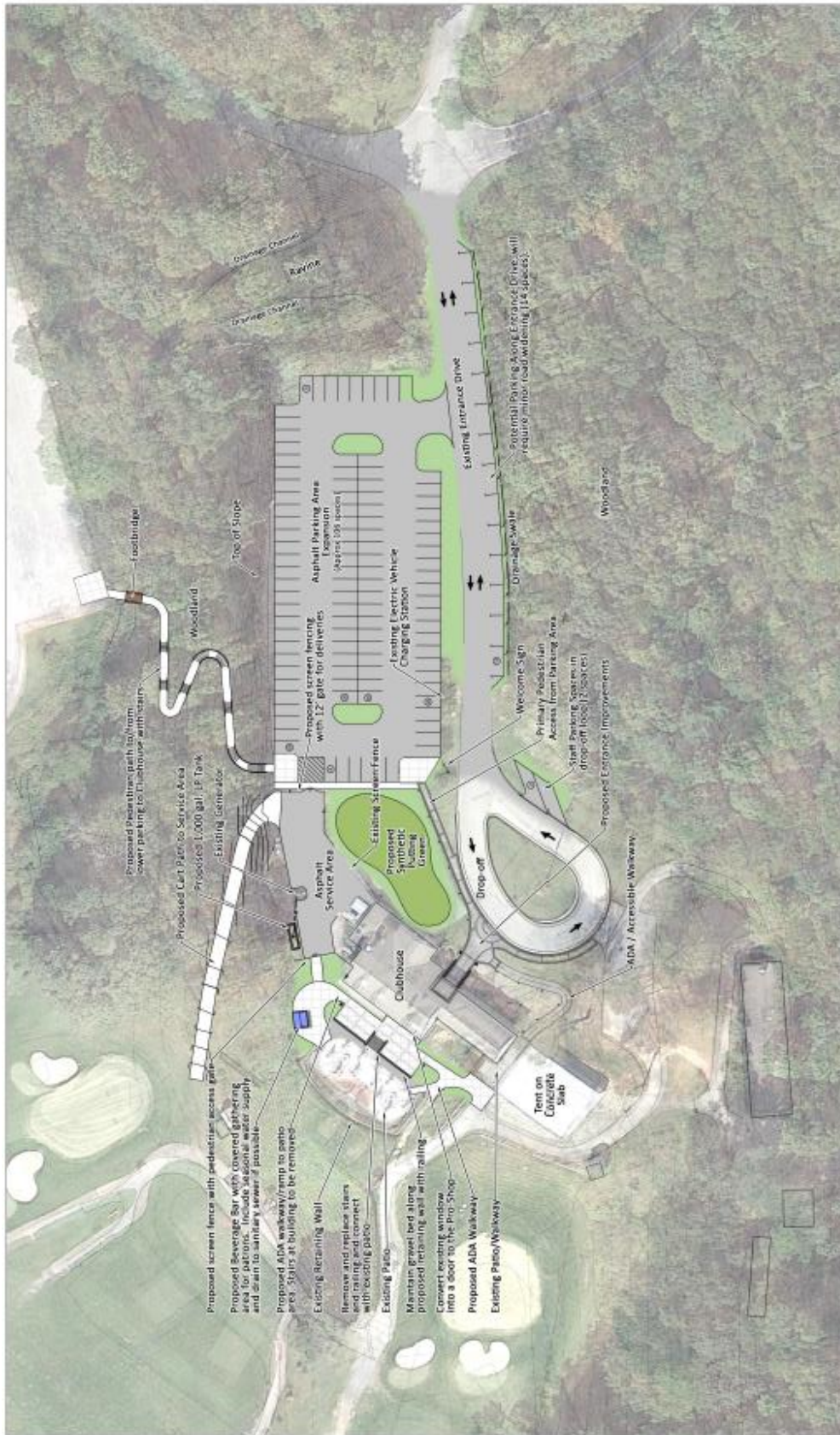
Grasses:

Anthoxanthum odoratum (sweet vernal grass)
Bromus inermis (smooth brome grass)
Dactylis glomerata (orchard grass)
Eleusine indica (zipper grass)
Leersia virginica (white grass)
Microstegium vimineum (Japanese stilt grass)*
Panicum clandestinum (deer-tongue panic grass)
Setaria faberi (nodding foxtail grass)
Setaria glauca (yellow foxtail grass)
Tridens flavus (purple top grass)

Ferns and Fern Allies:

Lycopodium digitatum (ground cedar)
Asplenium rhizophyllum (walking fern)
Athyrium filix-femina (lady's fern)
Botrychium virginianum (rattlesnake fern)
Dryopteris marginalis (marginal woodfern)
Onoclea sensibilis (sensitive fern)
Osmunda regalis (royal fern)
Pellaea atropurpurea (purple cliff brake)
Polypodium sp. (rock cap fern)
Polystichum acrostichoides (Christmas fern)
Thelypteris noveboracensis (New York fern)

Appendix G – Golf Clubhouse Pedestrian and Parking Site Concept






JAMES BAIRD STATE PARK PEDESTRIAN AND PARKING **Site Concept**
 Town of LaGrange, Dutchess County, New York
Charzen Project No. 21007.17
 04/16/2020


347 River Street, Troy, NY 12180
 P: 518-274-2055 www.charzencompanies.com
 Proud to be Employee Owned

Appendix H – Proposed Exercise Trail Concept Plan



Appendix I – Regional Maintenance Facility Concept Plan



Figure 1

Regional Maintenance Facility Conceptual Floor Plan

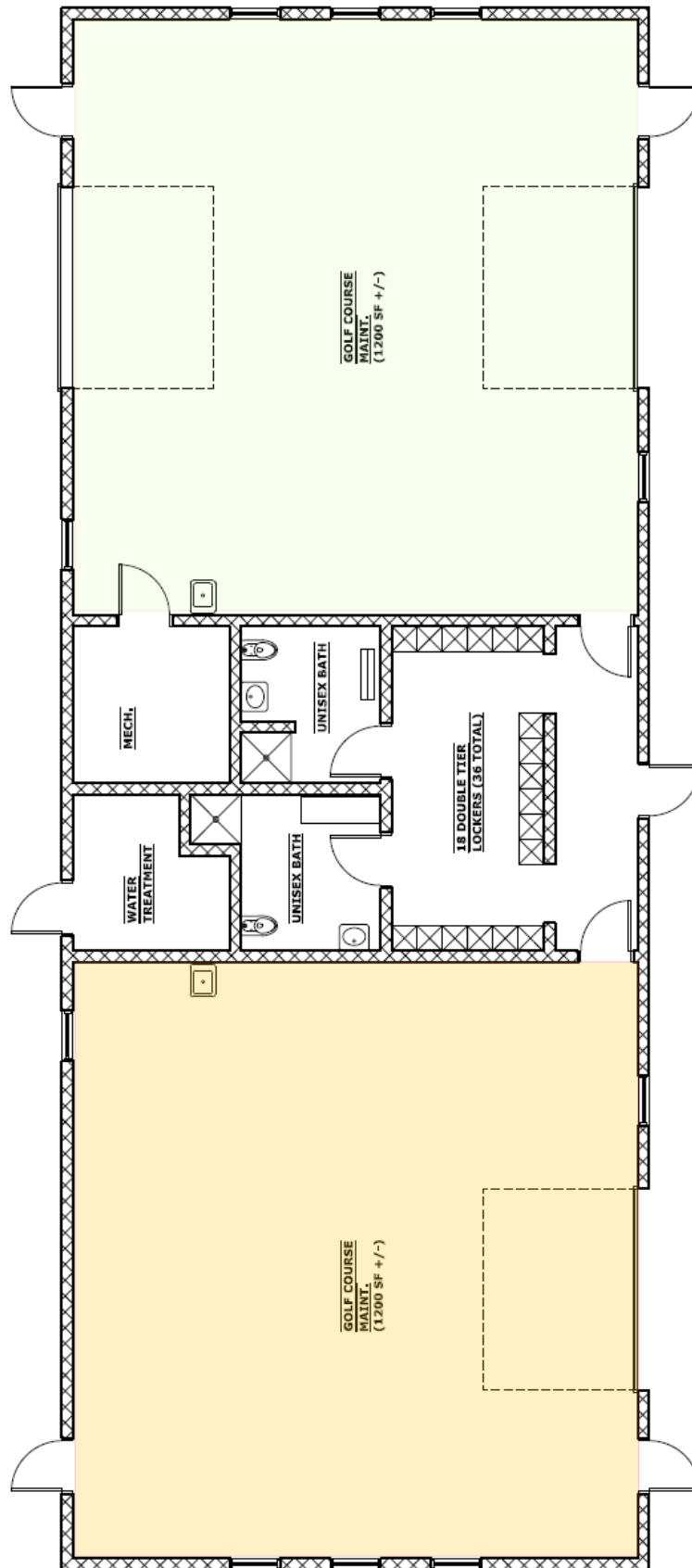
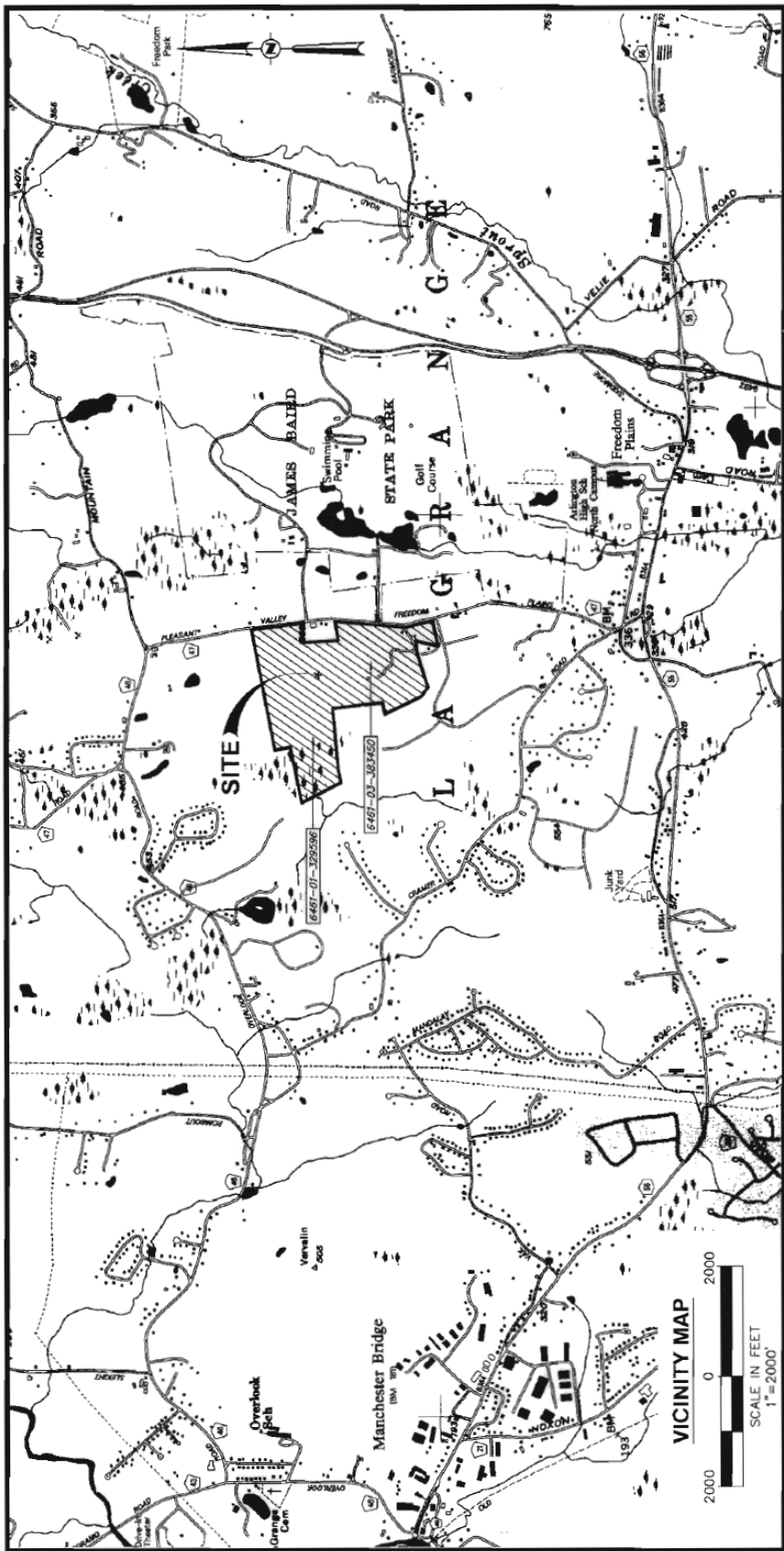
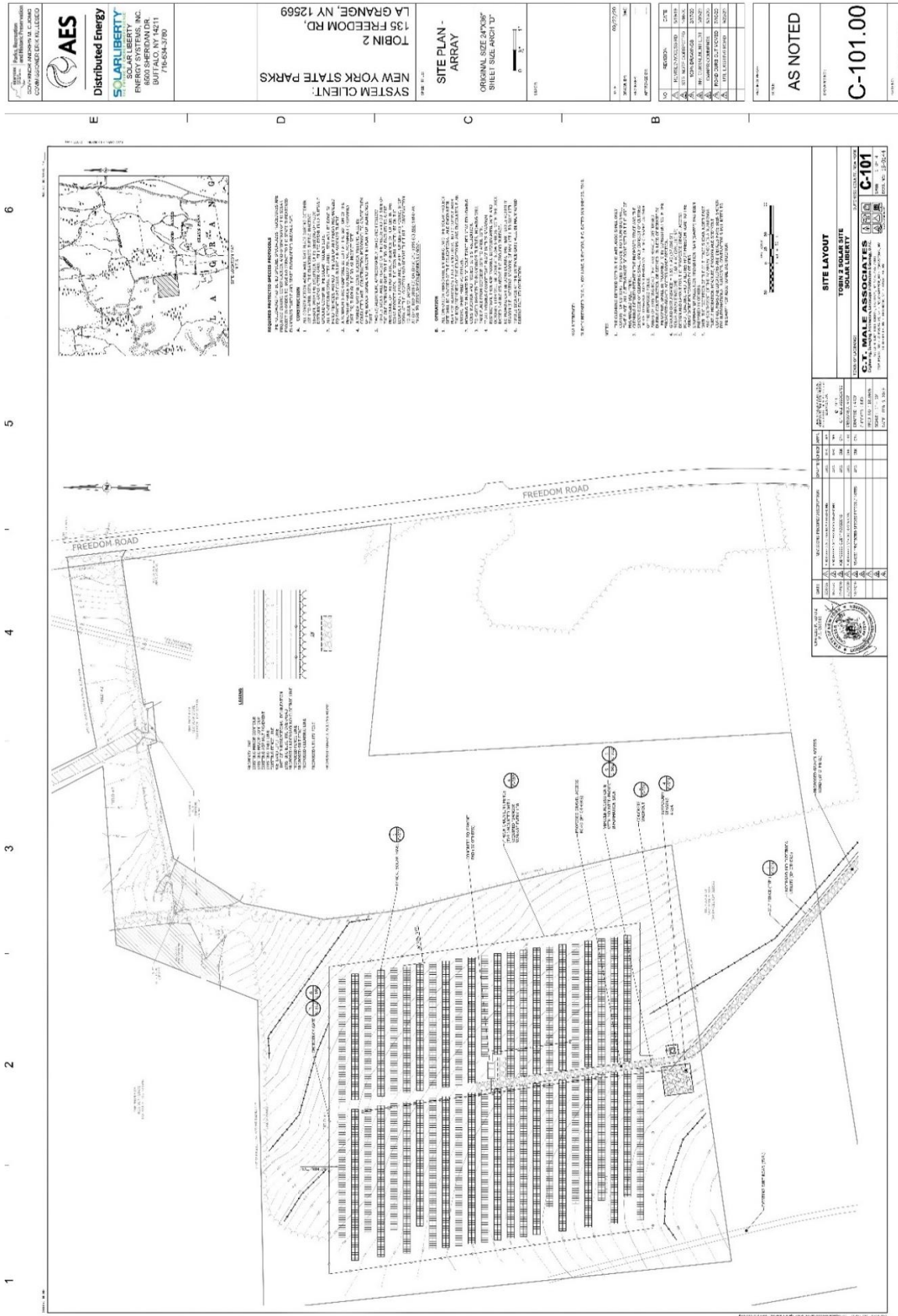


Figure 2

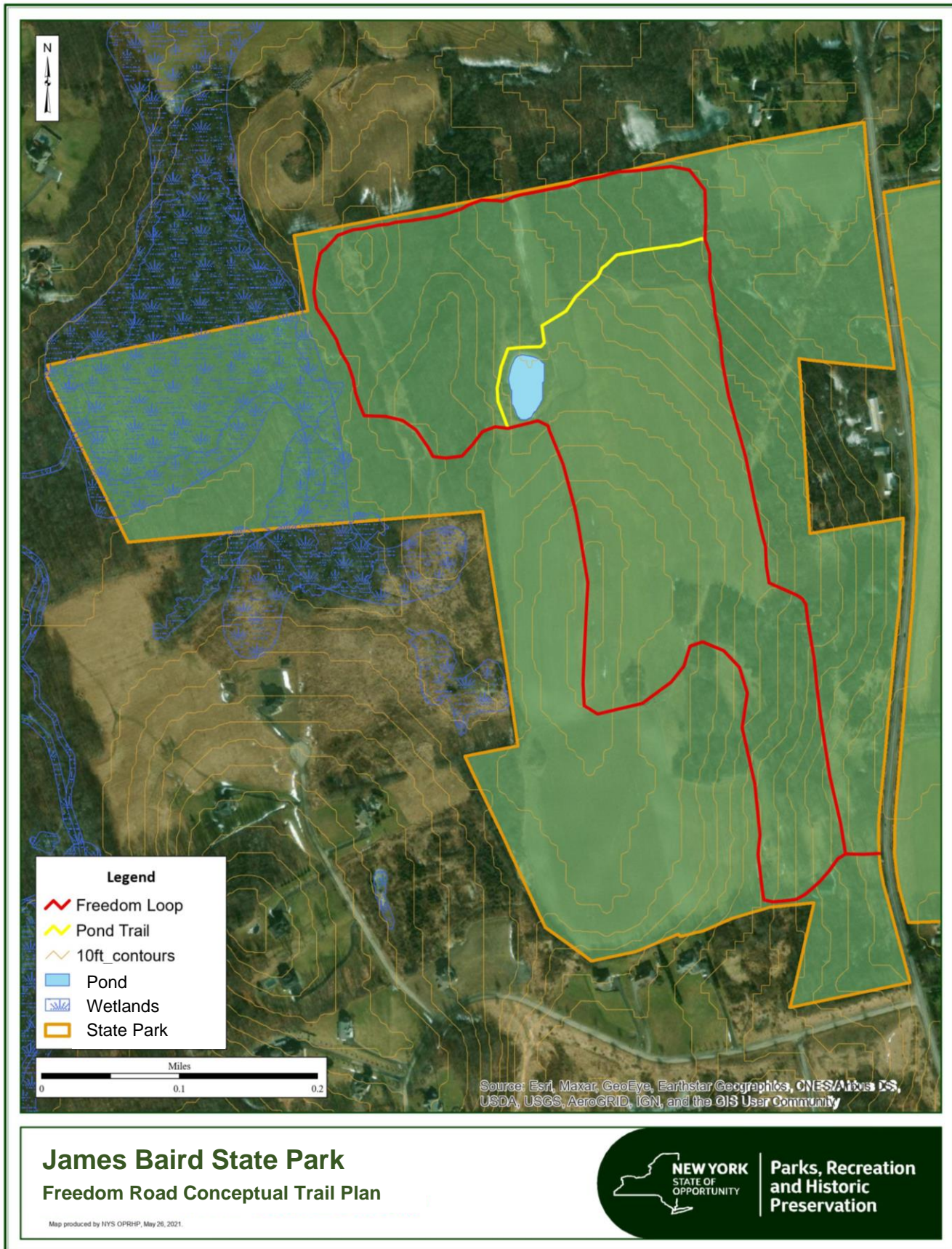
Appendix K – Freedom Road Area Location Map



Appendix L – Freedom Road Solar Array Plan



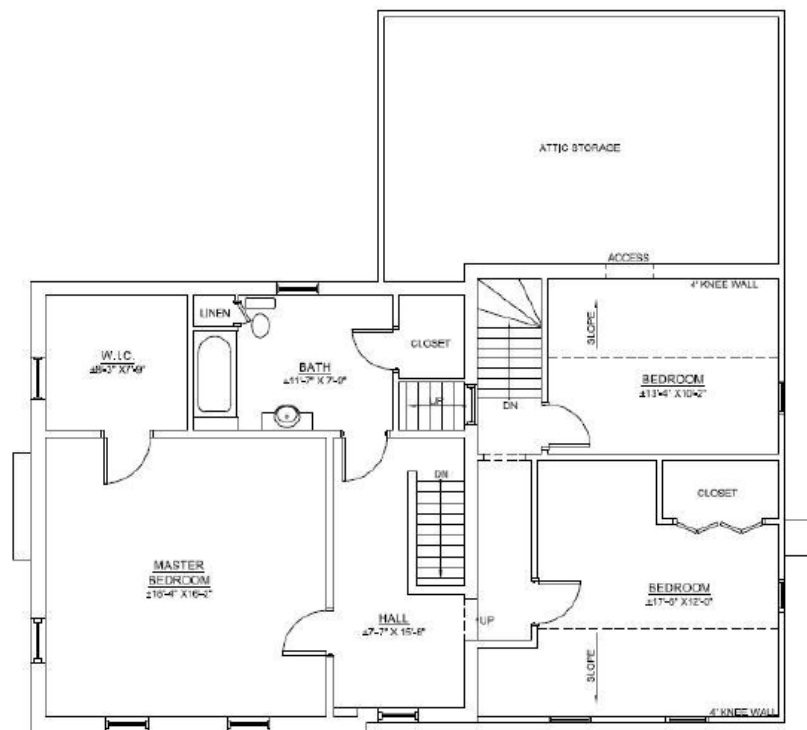
Appendix M – Freedom Road Conceptual Trail Plan



Appendix N – Park Manager’s Residence Floor Plans



FIRST FLOOR PLAN (Kussel, 2018)



SECOND FLOOR PLAN (Kussel, 2018)

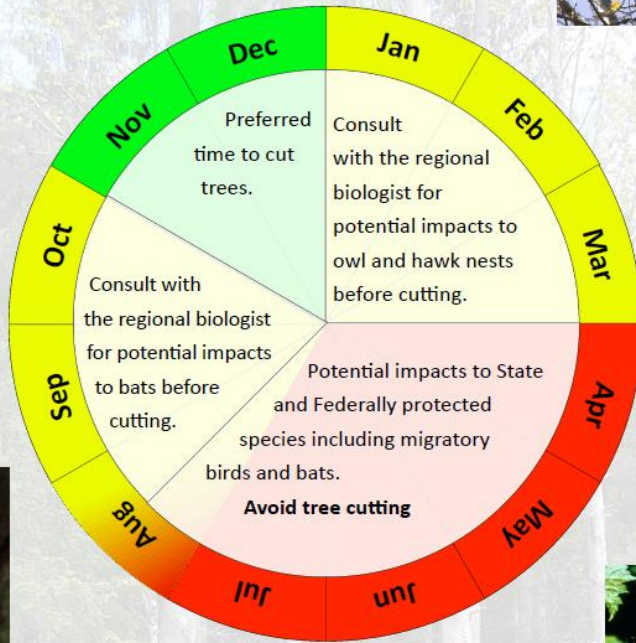
Appendix O – OPRHP Tree Removal Policy



Northern Long-eared Bat
Photo Credit: Al Hicks NYDEC



Bald Eagle
Photo Credit: Steve Hillebrand, USFWS



Indiana Bat
Photo Credit: Adam Mann



Hooded Warbler
Photo Credit: USFWS

General guidelines:

Hazardous trees that present an immediate threat to health and safety can be removed regardless of the time of year.

The timing of tree removals should be considered on a project by project basis as part of the project planning process. Check the NY Natural Heritage Program database for known locations of bat hibernaculum (hibernation site) and maternity colonies.

Protect known bat maternity colony trees.

Avoid removing trees from within 5 miles of bat hibernacula or 2.5 miles of known maternity colonies between April and September.

If tree cutting must take place during January through October, your Regional Biologist should conduct surveys for breeding birds and bats.

Consult with the NYS DEC and the USFWS if tree removals are likely to result in take of migratory birds or bats, including eggs or young.

OPRHP Policy on the Management of Trees and Other Vegetation in State Parks and Historic Sites:
<http://intranet/intranetfiles/Policies/ppbs/NaturalResources/ManagementOfTrees.pdf>

OPRHP Tree Removal Timing Guidelines for the Protection of Wildlife

Rev. 11/12/15



Parks, Recreation and Historic Preservation

Appendix P – Exempt Activities/No Section 14.09 Consultation Required (Categorical Exclusions - Golf Course Maintenance)



**New York State
Parks, Recreation and
Historic Preservation**

KATHY HOCHUL
Governor

ERIK KULLESEID
Commissioner

December 23, 2022

Tana Bigelow, Park Planner
OPRHP, Planning Bureau
625 Broadway
Albany, NY 12238

Re: OPRHP
James Baird State Park Master Plan
Town of LaGrange, Dutchess County, NY

Dear Tana Bigelow:

Thank you for consulting with the Division for Historic Preservation (DHP) of the Office of Parks, Recreation and Historic Preservation. Categories of golf course maintenance activities which do not have the potential to directly or indirectly affect the character or qualities of a historic property are noted below. Therefore, these activities have been determined by the DHP to be exempt from review pursuant to 9 NYCRR 428.12(c).

Exempt Activities/No Section 14.09 Consultation Required

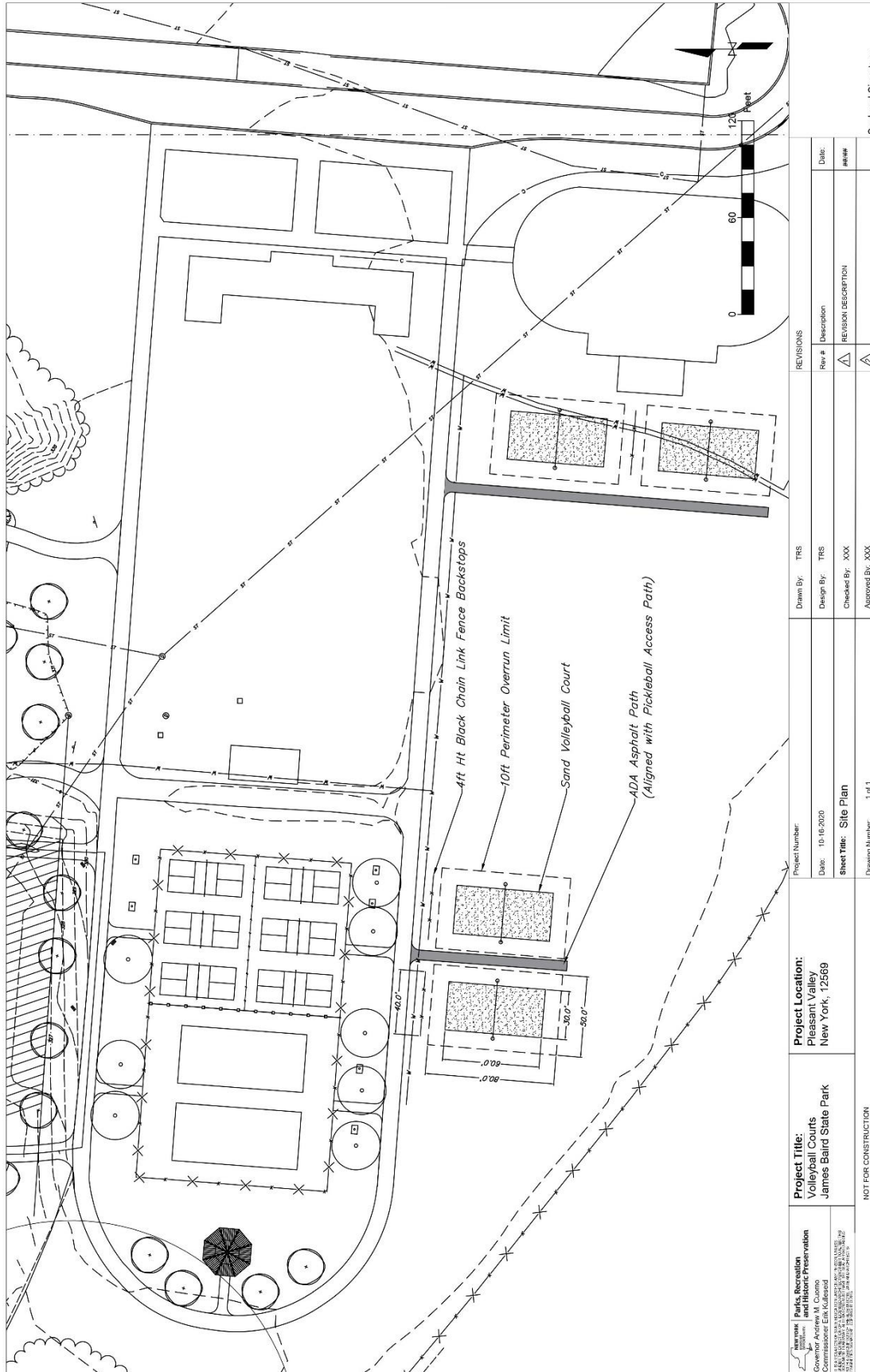
Mowing of greens, collars, tees, approaches, fairways, and roughs
Raking/smoothing sand traps and bunkers
Spraying fertilizers and plant protectants
String-trimming around trees, signs, sand traps, buildings, and other course features
Changing hole locations within existing greens
Edging sand bunkers
Sod removal to re-grass a tee or other turf areas
Aeration of greens, tees, fairways and rough
Mowing of high rough and native areas
Green construction within existing location
Tee construction within existing location
Sand bunker renovations within existing location
Trenches less than three-feet wide
Holes to repair sprinkler heads less than three feet in diameter
Excavation for golf cart path construction that does not exceed six inches in depth

If you have any questions, I can be reached at nancy.herter@parks.ny.gov.

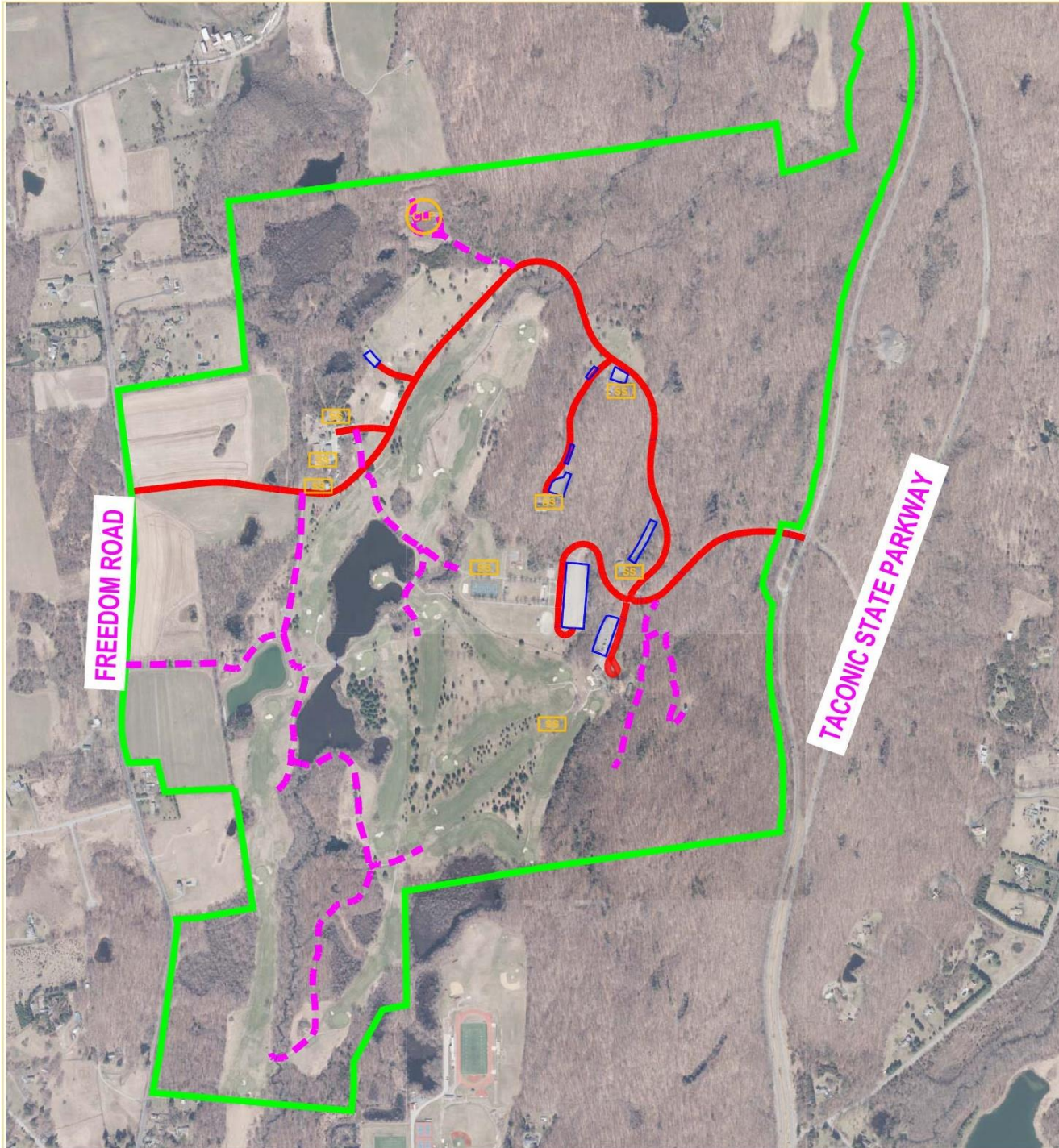
Sincerely,

Nancy Herter
Director, Technical Preservation Services Bureau

Appendix Q – Sand Volleyball Court Location Options



Appendix R – Miscellaneous Park Infrastructure



LEGEND

- PARK BOUNDARY
- PAVED ROAD
- - - GRAVEL SERVICE ROAD

- CLF CLOSED LANDFILL
- SS SEPTIC SYSTEM
- PARKING LOT



0 500 1000
 Scale: 1" = 1000'±

JAMES BAIRD STATE PARK
 MISCELLANEOUS INFRASTRUCTURE

AUGUST 10, 2020

Town of LaGrange, Dutchess County



**Parks, Recreation
 and Historic Preservation**

Andrew M. Cuomo
 Governor


Erik Kulliseid
 Commissioner

TACONIC REGION
 PO Box 308, 9 Old Post Road
 Staatsburg, NY 12580
 Ph: 845.889.4100
 Fax: 845.889.8321
 www.nysparks.com

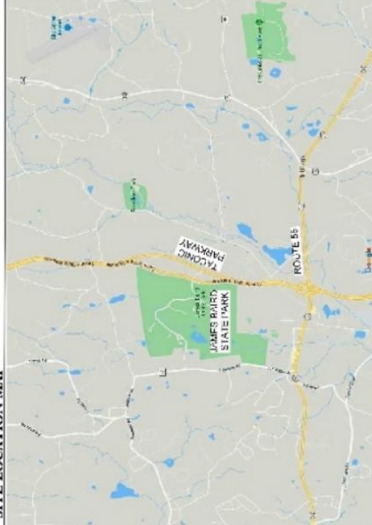
Appendix S – Golf Course Sand Bunker Rehabilitation Plan Documents

JAMES BAIRD STATE PARK GOLF COURSE SAND BUNKER REHABILITATION

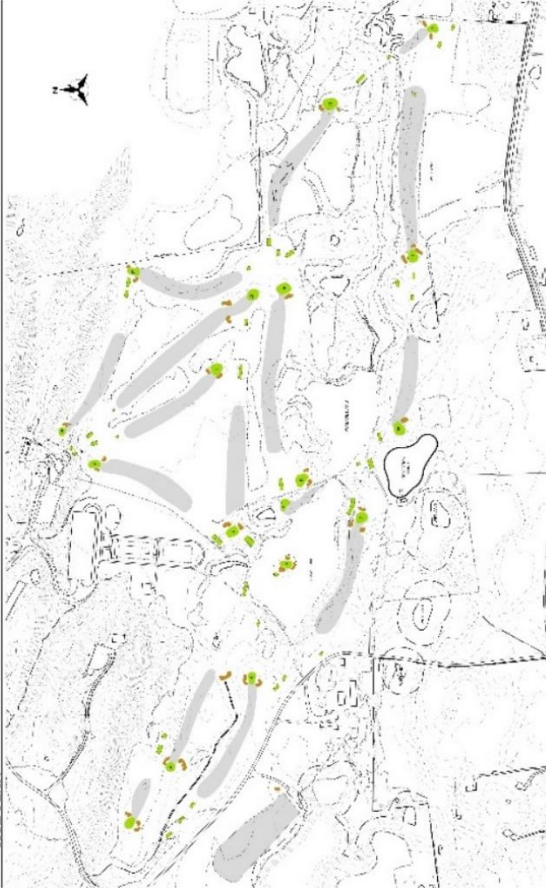
**14 MAINTENANCE LANE
PLEASANT VALLEY, NY 12569
CONTRACT NUMBER: D00XXXX**



PROJECT LOCATION MAP



SITE LOCATION MAP



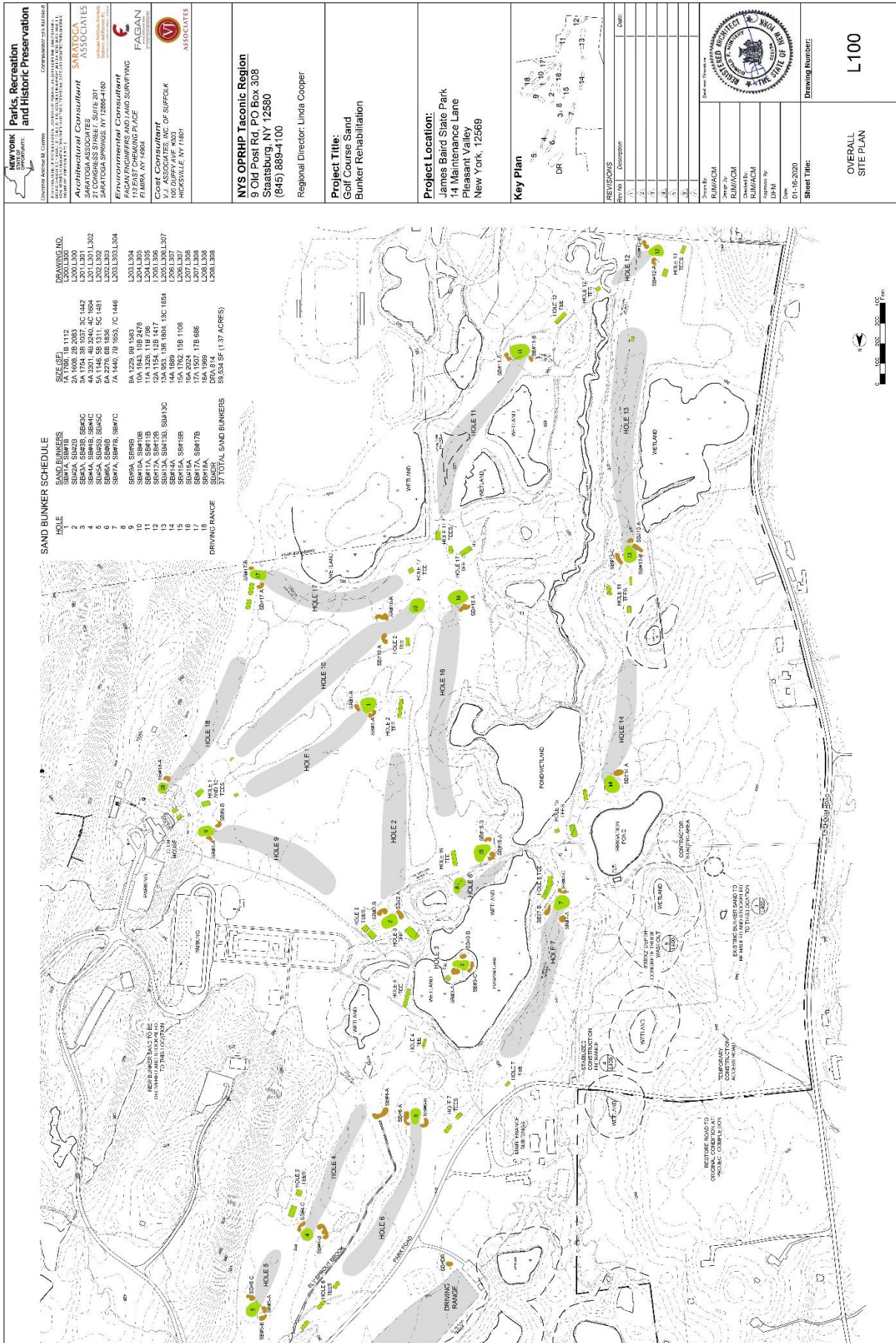
SITE PLAN

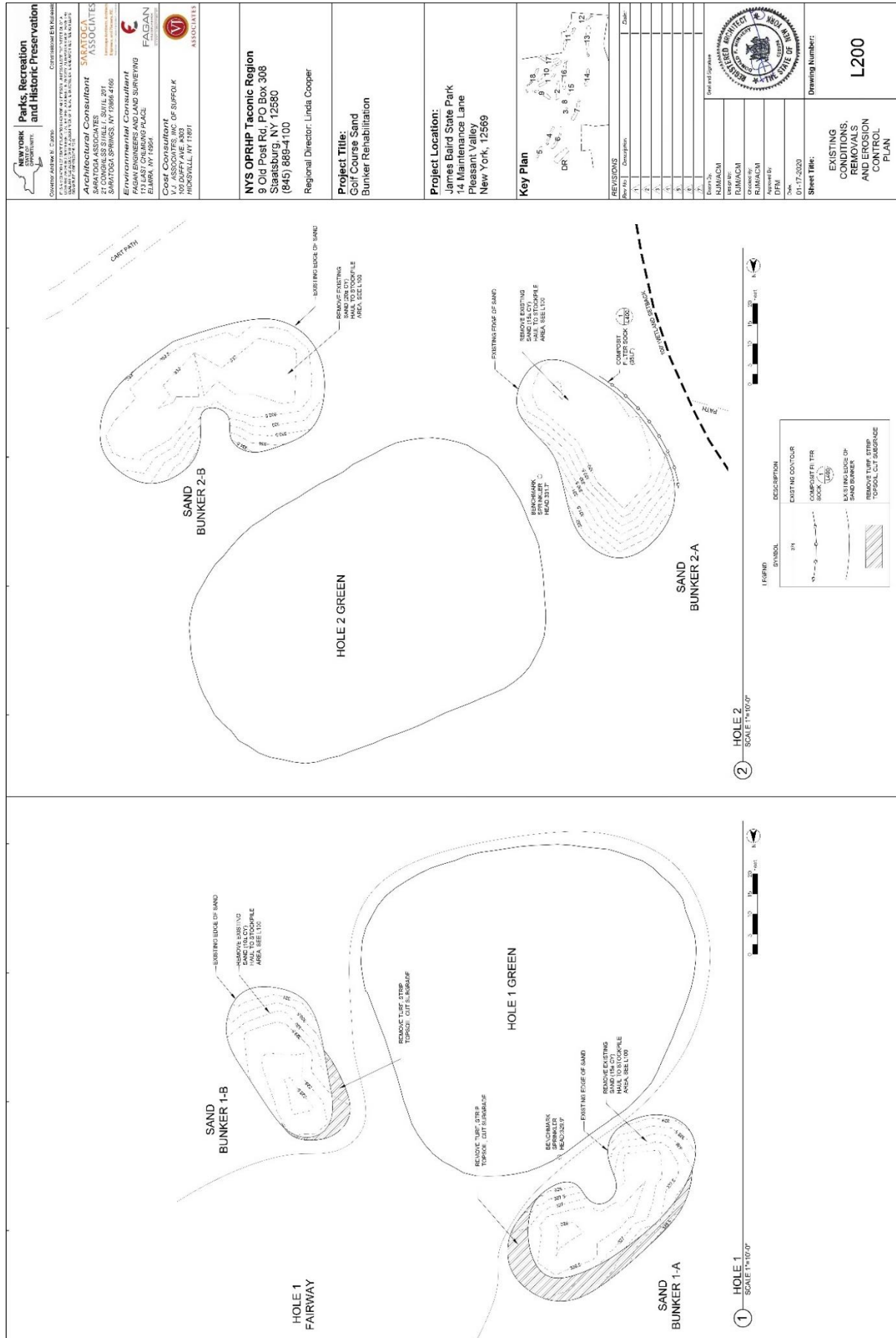
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20	REVISED	

LIST OF DRAWINGS

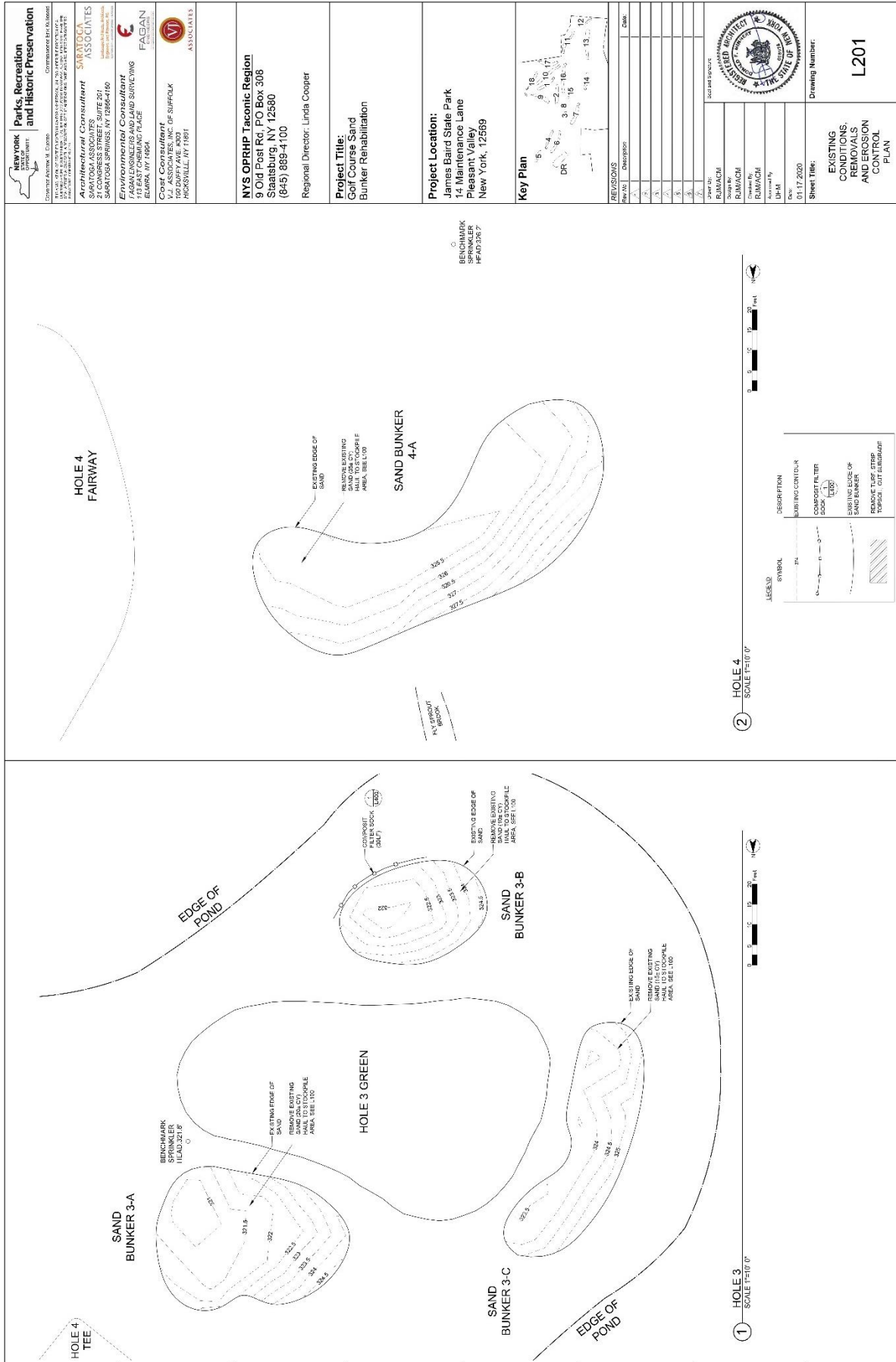
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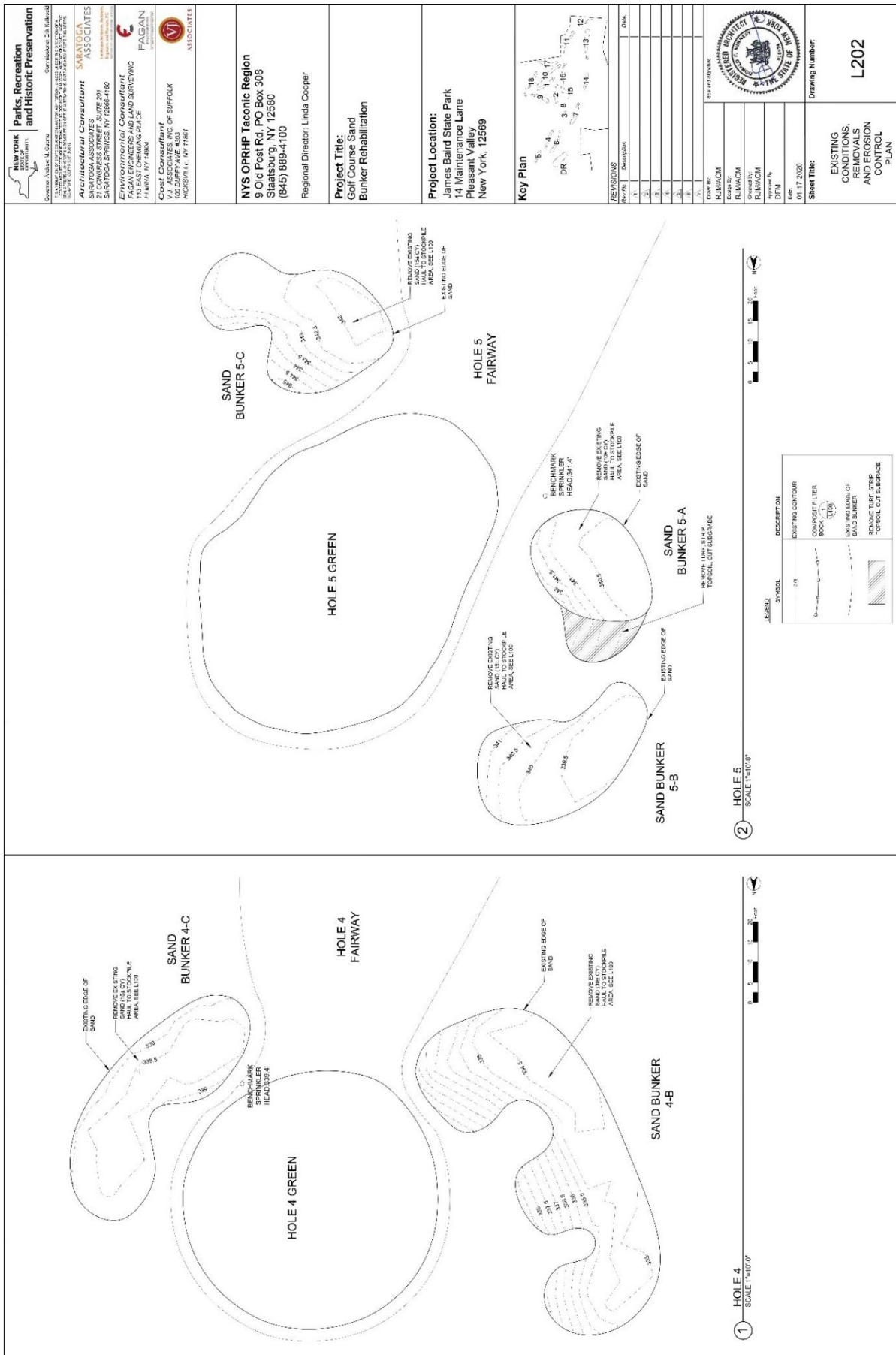
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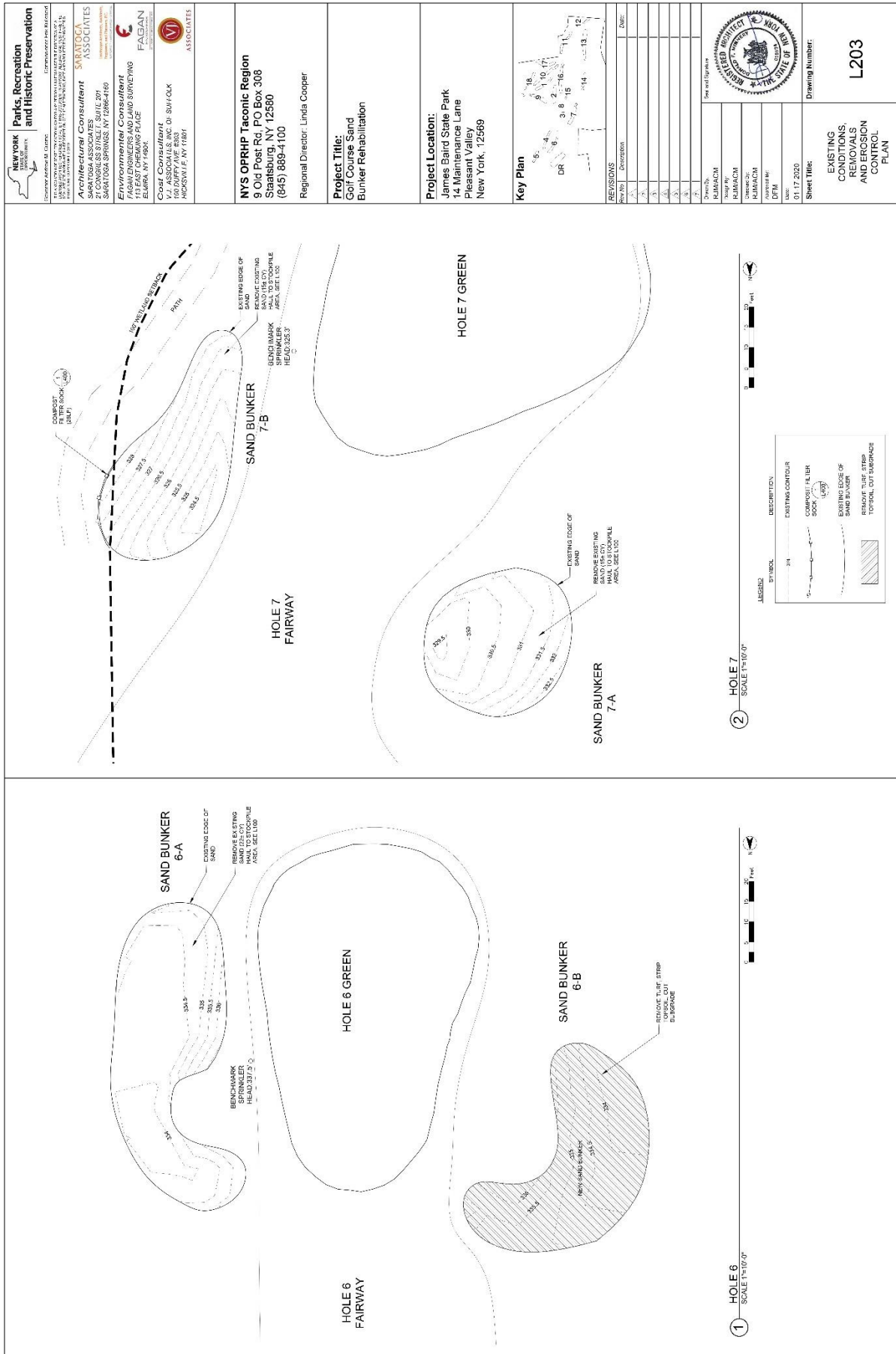
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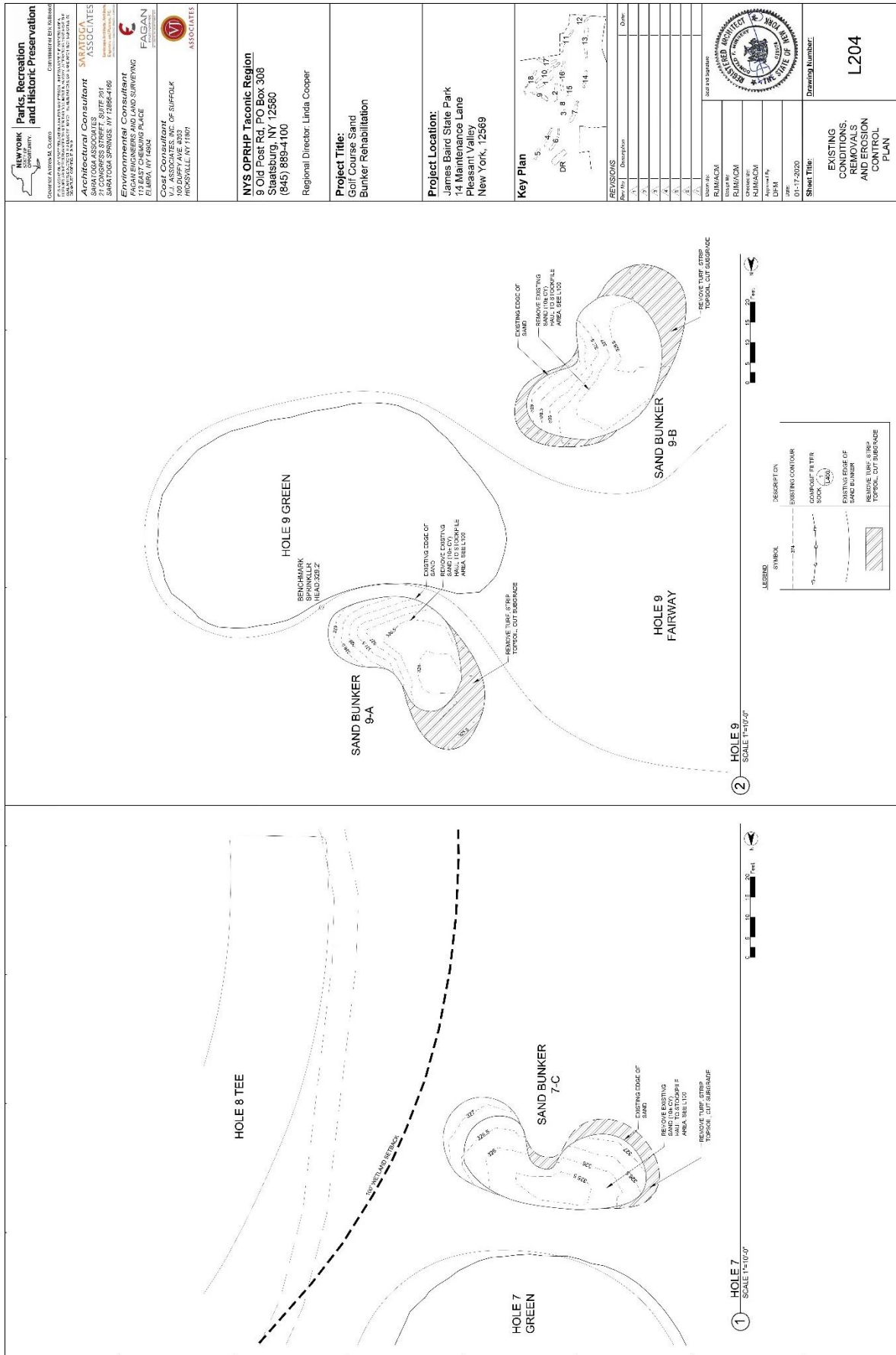


<p>NEW YORK State Parks, Recreation and Historic Preservation</p>	<p>1100 N. 1ST ST. SUITE 200 ALBANY, NY 12242 518.474.3200 WWW.PARKS.NY.GOV</p>	<p>1100 N. 1ST ST. SUITE 200 ALBANY, NY 12242 518.474.3200 WWW.PARKS.NY.GOV</p>																																													
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<p>Architectural Consultant SARATOGA ASSOCIATES 3401 YORK STREET, SUITE 270 SARATOGA SPRINGS, NY 12868-4160</p>	<p>Environmental Consultant FACAN 11 EAST CHEWING PLACE HARRISBURG, NY 14880</p>	<p>Cost Consultant V.J. ASSOCIATES, INC. OF SUFFOLK 100 WEST 10TH STREET ROCHESTER, NY 14611</p>																																													
<p>Project Location: James Baird State Park 14 Maintenance Lane Pleasant Valley New York, 12569</p>	<p>Project Title: Golf Course Sand Bunker Rehabilitation</p>	<p>Regional Director: Linda Cooper</p>																																													
<p>Key Plan: 1-14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100</p>	<p>REVISIONS:</p> <table border="1"> <tr> <th>NO.</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> <tr> <td>1</td> <td></td> <td></td> </tr> <tr> <td>2</td> <td></td> <td></td> </tr> <tr> <td>3</td> <td></td> <td></td> </tr> <tr> <td>4</td> <td></td> <td></td> </tr> <tr> <td>5</td> <td></td> <td></td> </tr> <tr> <td>6</td> <td></td> <td></td> </tr> <tr> <td>7</td> <td></td> <td></td> </tr> <tr> <td>8</td> <td></td> <td></td> </tr> <tr> <td>9</td> <td></td> <td></td> </tr> <tr> <td>10</td> <td></td> <td></td> </tr> <tr> <td>11</td> <td></td> <td></td> </tr> <tr> <td>12</td> <td></td> <td></td> </tr> <tr> <td>13</td> <td></td> <td></td> </tr> <tr> <td>14</td> <td></td> <td></td> </tr> </table>	NO.	DATE	DESCRIPTION	1			2			3			4			5			6			7			8			9			10			11			12			13			14			<p>Scale and Title Block:</p> <p>Scale: 1"=10' 0"</p> <p>Sheet Title: EXISTING CONDITIONS, REMOVALS AND EROSION CONTROL PLAN</p> <p>Drawing Number: L202</p>
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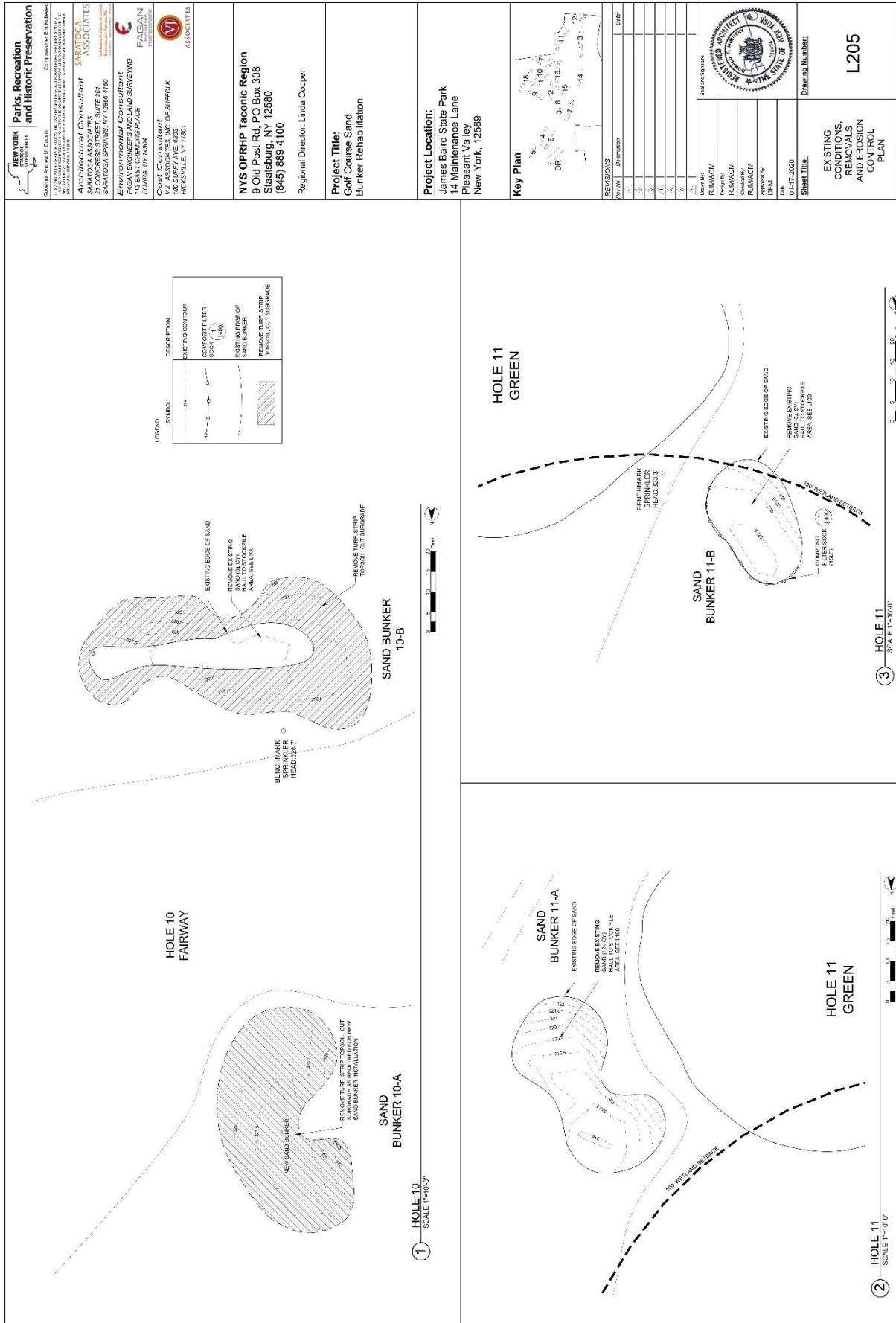
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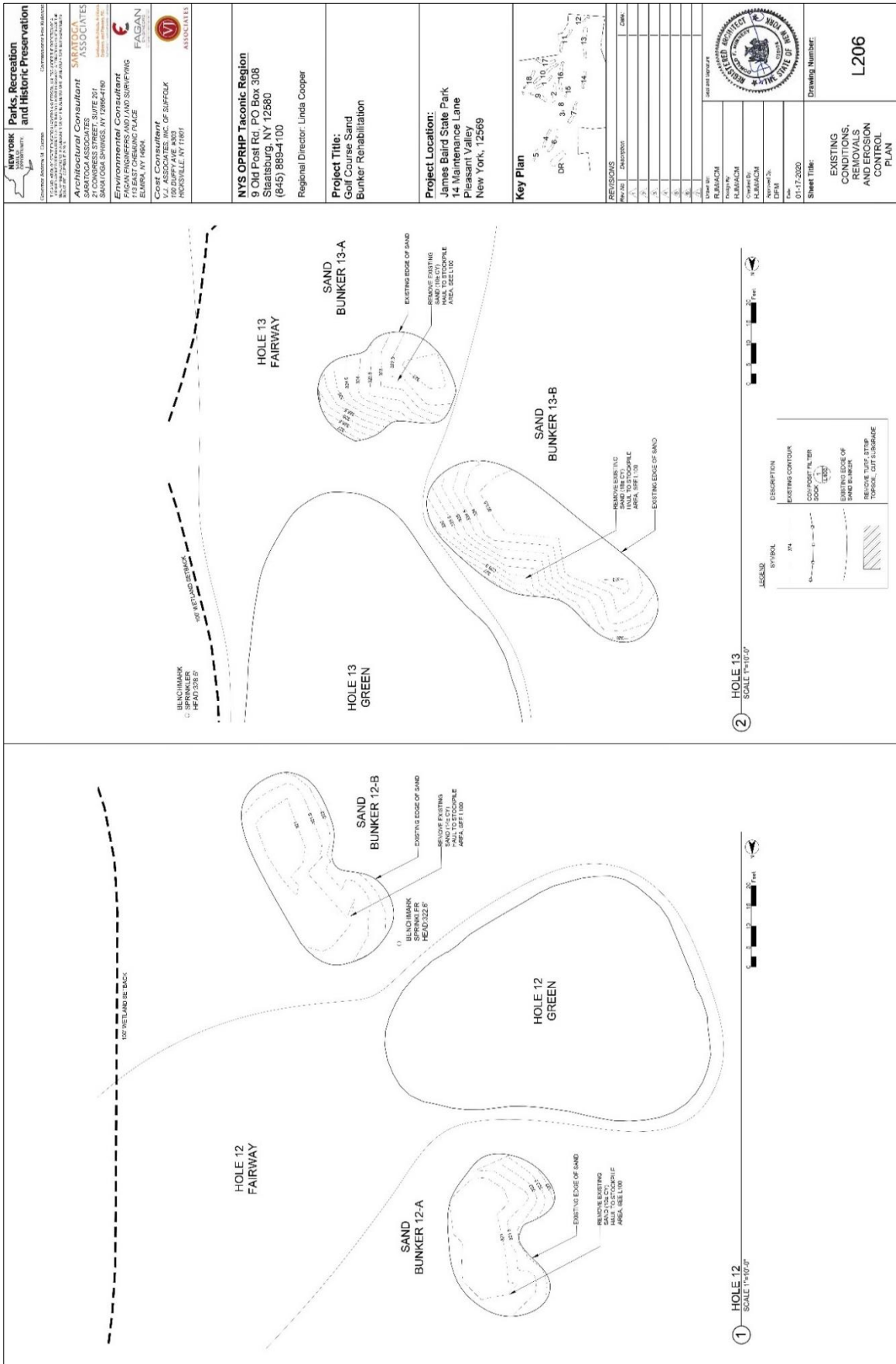
NEW YORK DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF PARKS, RECREATION AND HISTORIC PRESERVATION 625 WEST COAST AVENUE ALBANY, NY 12242-1200 (518) 474-2300	Parks, Recreation and Historic Preservation DIVISION OF PARKS, RECREATION AND HISTORIC PRESERVATION 625 WEST COAST AVENUE ALBANY, NY 12242-1200 (518) 474-2300	Architectural Consultant SARATOGA ASSOCIATES 24 CORTLANDT STREET, SUITE 200 ALBANY, NY 12242-1460 (518) 486-1100	Cost Consultant FAGAN ASSOCIATES 11 EAST CHEMUNG PLACE ELMA, NY 14861 (716) 655-1100
Project Title: Golf Course Sand Bunker Rehabilitation			
Regional Director: Linda Cooper			
Key Plan 			
REVISIONS NO. DATE DESCRIPTION 1 01.17.2020			
Sheet Title: EXISTING CONDITIONS, REVISIONS AND PROPOSED SAND BUNKER RECONSTRUCTION CONTROL PLAN			
Drawing Number: L203			



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<p>Parks, Recreation and Historic Preservation</p> <p>Commissioner: Eric Kuhlmann</p>	<p>Architectural Consultant</p> <p>SMARTOCCA ASSOCIATES</p> <p>SMARTOCCA ASSOCIATES 1100 ROUTE 209 SMARTOCCA SPRINGS, NY 12864-4100 (845) 889-4100</p> <p>Environmental Consultant</p> <p>FASAN ENGINEERS AND LAND SURVEYING</p> <p>115 EAST CHEBUNG PLACE LUMACON, NY 12846 U.S. ASSOCIATES, INC. OF SUFFOLK 100 DUFFY AVE. #303 ROCKSVILLE, NY 13871</p>																								
		<p>NYS OPRHP Taconic Region</p> <p>9 Old Post Rd, PO Box 308 Staatsburg, NY 12580 (845) 889-4100</p> <p>Regional Director: Linda Cooper</p>																							
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New York State Parks, Recreation and Historic Preservation
 DIVISION OF PARKS, RECREATION AND HISTORIC PRESERVATION
 110 SUNNYVALE AVENUE, SUITE 101, ALBANY, NY 12242-1101
 TEL: 518/474-5000 FAX: 518/474-5001
 WWW.PARKS.NY.GOV

Architectural Consultant SWARTOGA ASSOCIATES
 SWARTOGA ASSOCIATES, SUITE 201
 300 LOGA SPRINGS, NY 12864-4180
 TEL: 518/474-5000 FAX: 518/474-5001
 WWW.SWARTOGA.COM

Environmental Consultant FAGAN ENGINEERS AND SURVEYORS
 FAGAN ENGINEERS AND SURVEYORS
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 ALBANY, NY 12242-1101
 TEL: 518/474-5000 FAX: 518/474-5001
 WWW.FAGAN.COM

Cost Consultant V.J. ASSOCIATES, INC. OF SUFFOLK
 100 SUNNYVALE AVENUE, SUITE 101
 ALBANY, NY 12242-1101
 TEL: 518/474-5000 FAX: 518/474-5001
 WWW.VJASSOCIATES.COM

NYS OPRHP Taconic Region
 9 Old Post Rd, PO Box 308
 Staatsburg, NY 12580
 (845) 889-4100
 Regional Director: Linda Cooper

Project Title:
 Golf Course Sand Bunker Rehabilitation

Project Location:
 James Baird State Park
 14 Maintenance Lane
 Pleasant Valley
 New York, 12569

REVISIONS

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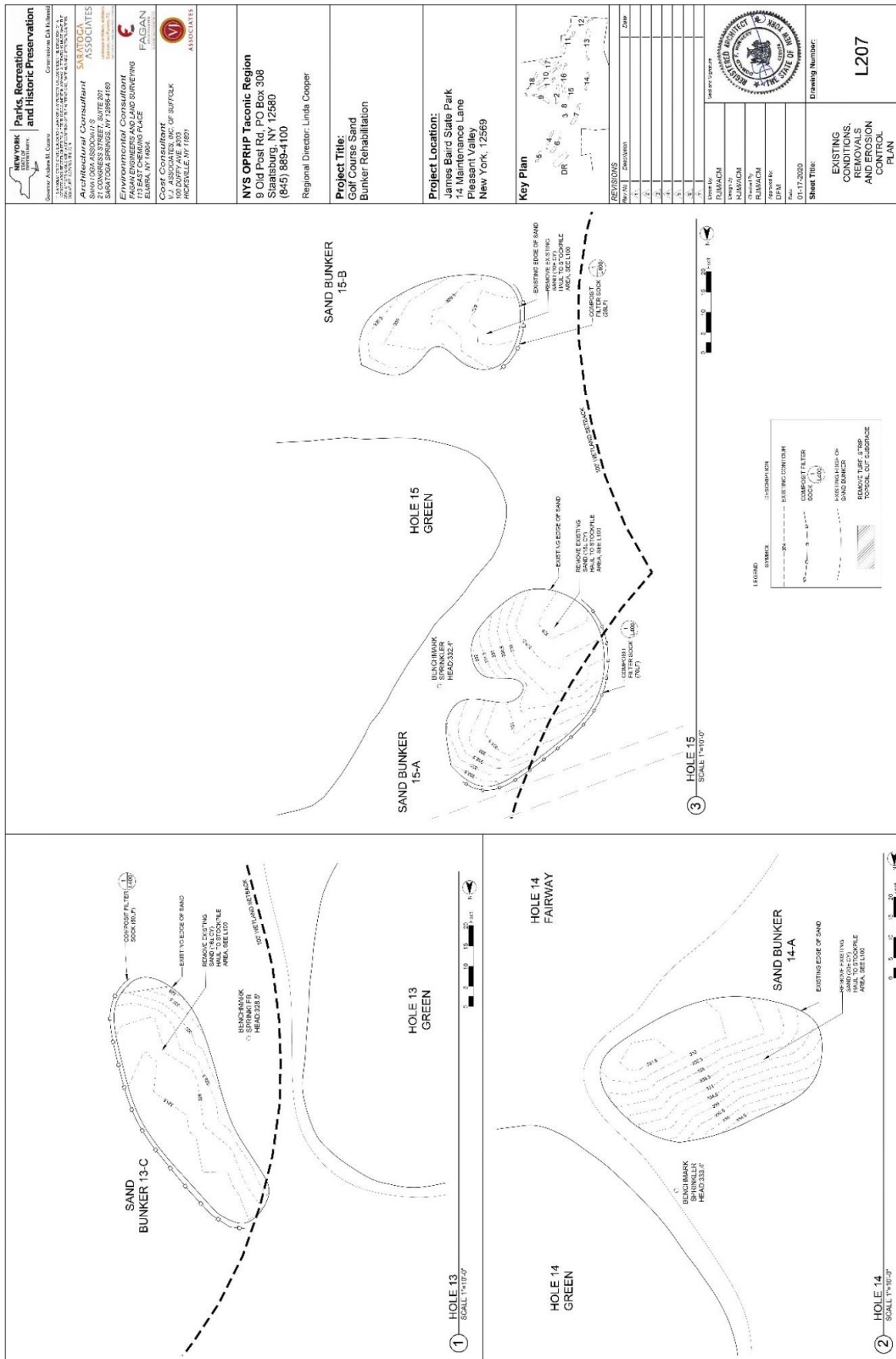
NEW YORK STATE
 DEPARTMENT OF ENVIRONMENTAL CONSERVATION
 DIVISION OF PARKS, RECREATION AND HISTORIC PRESERVATION

Project No.: H-2006-01
Contract No.: H-2006-01
Revision No.: 01-17-2020

Sheet Title:
 EXISTING CONDITIONS, REMOVALS AND EROSION CONTROL PLAN

Drawing Number:
 L206

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New York State
Parks, Recreation and Historic Preservation
 Division of Parks, Recreation and Historic Preservation
 Governor Andrew M. Cuomo
 Commissioner Cathie Mahoney

Architectural Consultant
SARATOGA ASSOCIATES
 SARATOGA ASSOCIATES, INC.
 200 WEST 10TH STREET, SUITE 201
 SARATOGA SPRINGS, NY 12858-4189
 (518) 584-1111
Environmental Consultant
FAGAN ENGINEERS AND LAND SURVEYING
 1177 ROUTE 148
 EAST GREENBUSH, NY 12061
 (518) 487-1100

Cost Consultant
V.J. ASSOCIATES, INC. OF SUFFOLK
 100 DUFFY AVE. #103
 ROCKVILLE, NY 11851
 (845) 889-4100
 Regional Director: Linda Cooper

Project Location:
 James Baird State Park
 14 Maintenance Lane
 Pleasant Valley
 New York, 12569

Project Title:
 Golf Course Sand Bunker Rehabilitation

Key Plan

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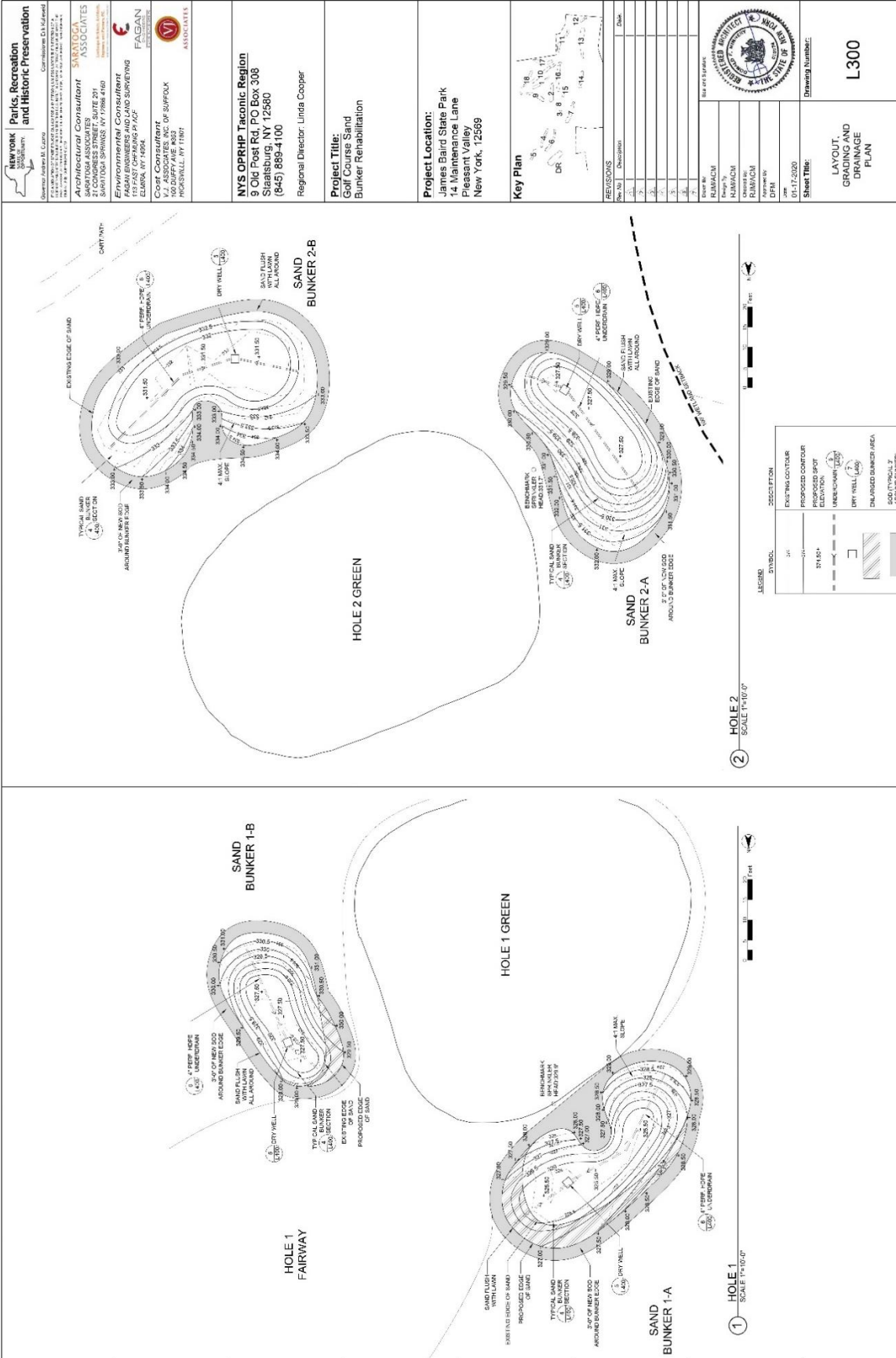
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 Checked By: RUMACM
 Approved By: DFM
 Date: 01/17/2020

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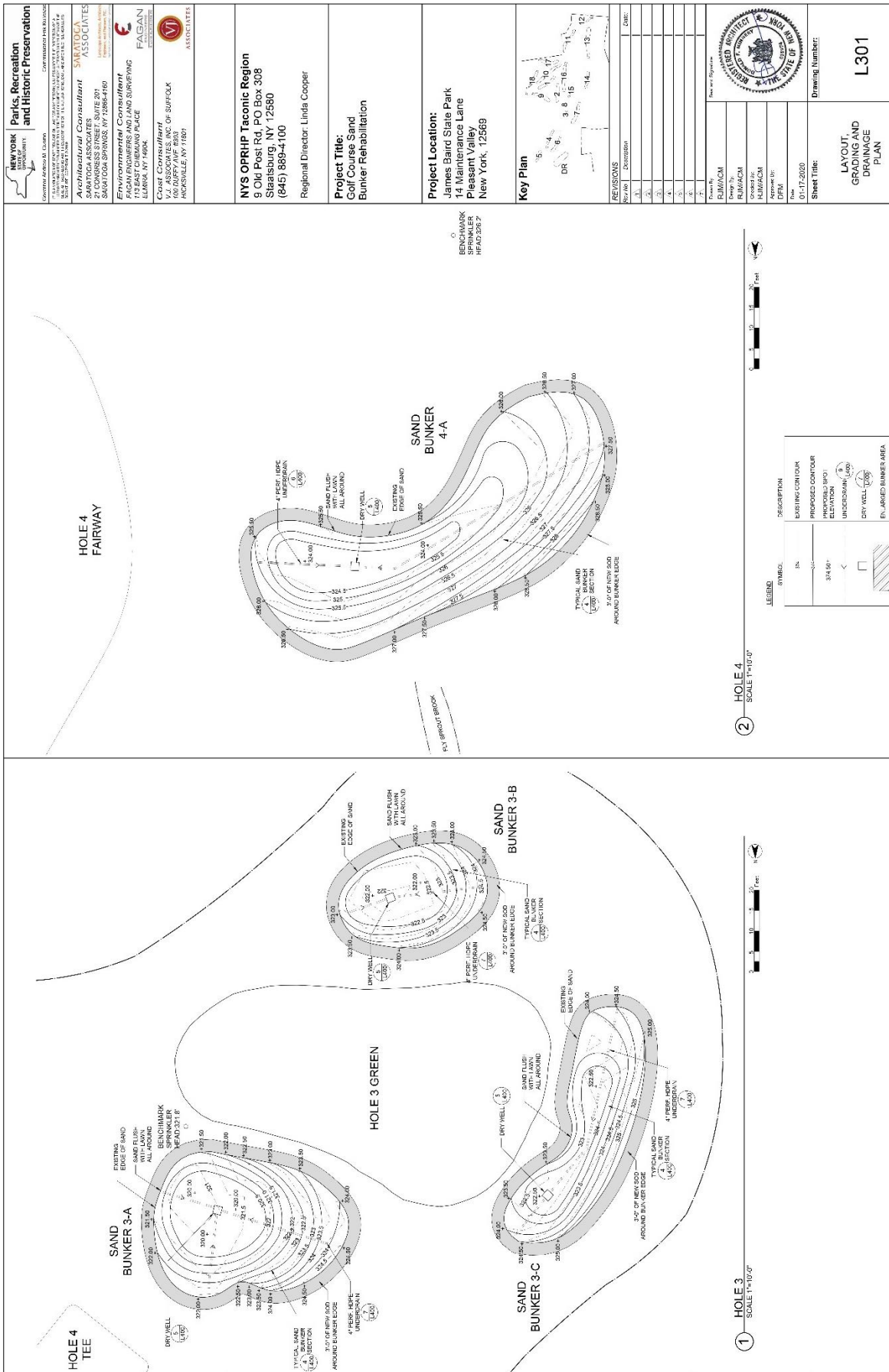


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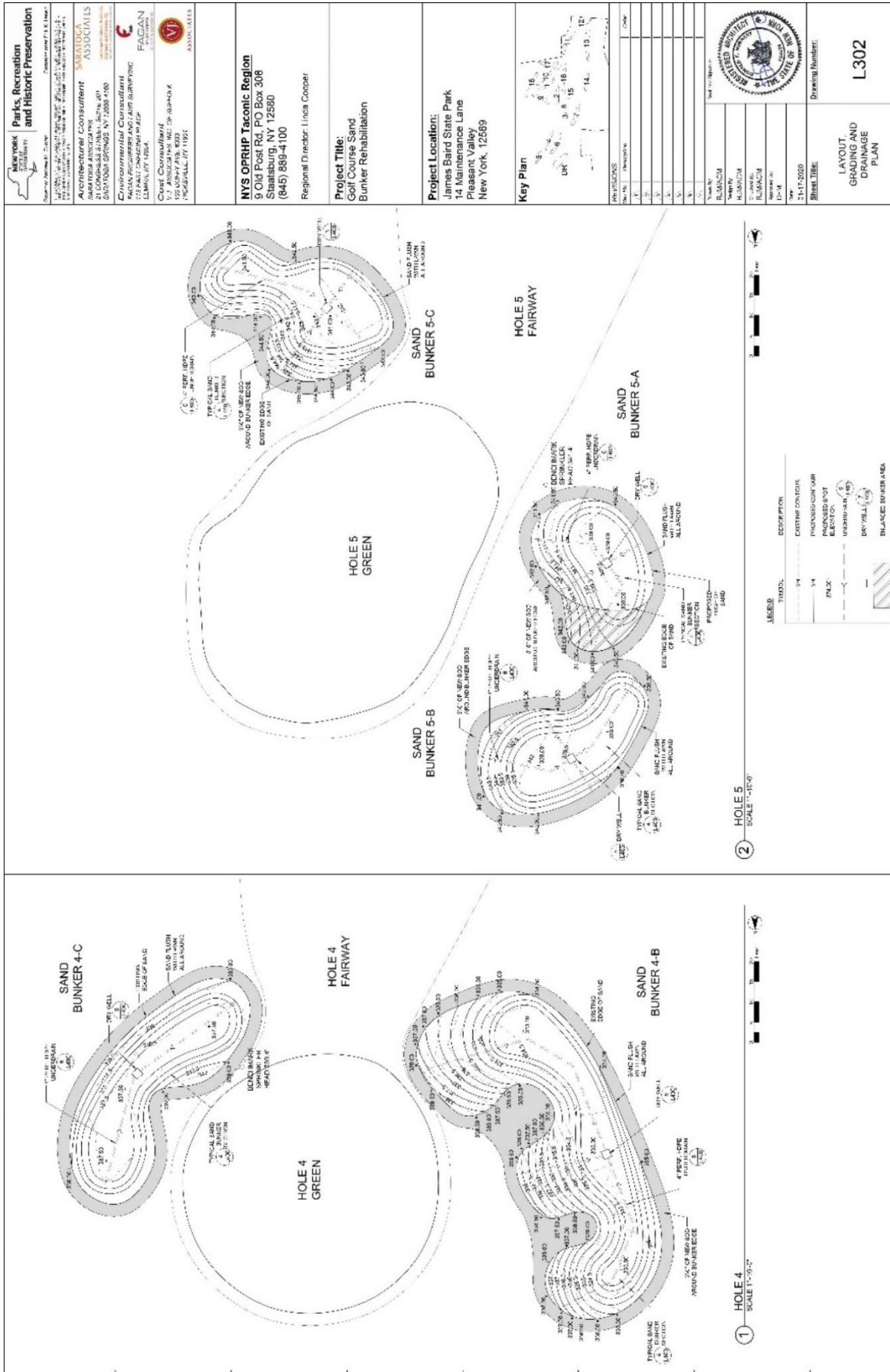


<p>NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF PARKS, RECREATION AND HISTORIC PRESERVATION</p>	<p>PROJECT: James Baird State Park 14 Monticello Lane Pleasant Valley New York, 12569</p>																								
<p>CLIENT: NYS OPRHP Taconic Region 3 Old Post Rd., PO Box 308 Saratoga Springs, NY 12860 (518) 889-4100 Regional Director: Linda Cooper</p>	<p>PROJECT TITLE: Golf Course Sand Bunker Rehabilitation</p>																								
<p>DESIGNER: SARATOGA ASSOCIATES 21 CONGRESS STREET, SUITE 201 SARATOGA SPRINGS, NY 12858-4160 (518) 584-1100 www.saratogaassociates.com</p>	<p>KEY PLAN</p>																								
<p>CONSULTANTS: F. A. FAGAN 133 EAST ORPHEUS PLACE ELMHURST, NY 11004</p>	<p>REVISIONS</p> <table border="1"> <thead> <tr> <th>NO.</th> <th>DESCRIPTION</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td></td> <td></td> </tr> <tr> <td>2</td> <td></td> <td></td> </tr> <tr> <td>3</td> <td></td> <td></td> </tr> <tr> <td>4</td> <td></td> <td></td> </tr> <tr> <td>5</td> <td></td> <td></td> </tr> <tr> <td>6</td> <td></td> <td></td> </tr> <tr> <td>7</td> <td></td> <td></td> </tr> </tbody> </table>	NO.	DESCRIPTION	DATE	1			2			3			4			5			6			7		
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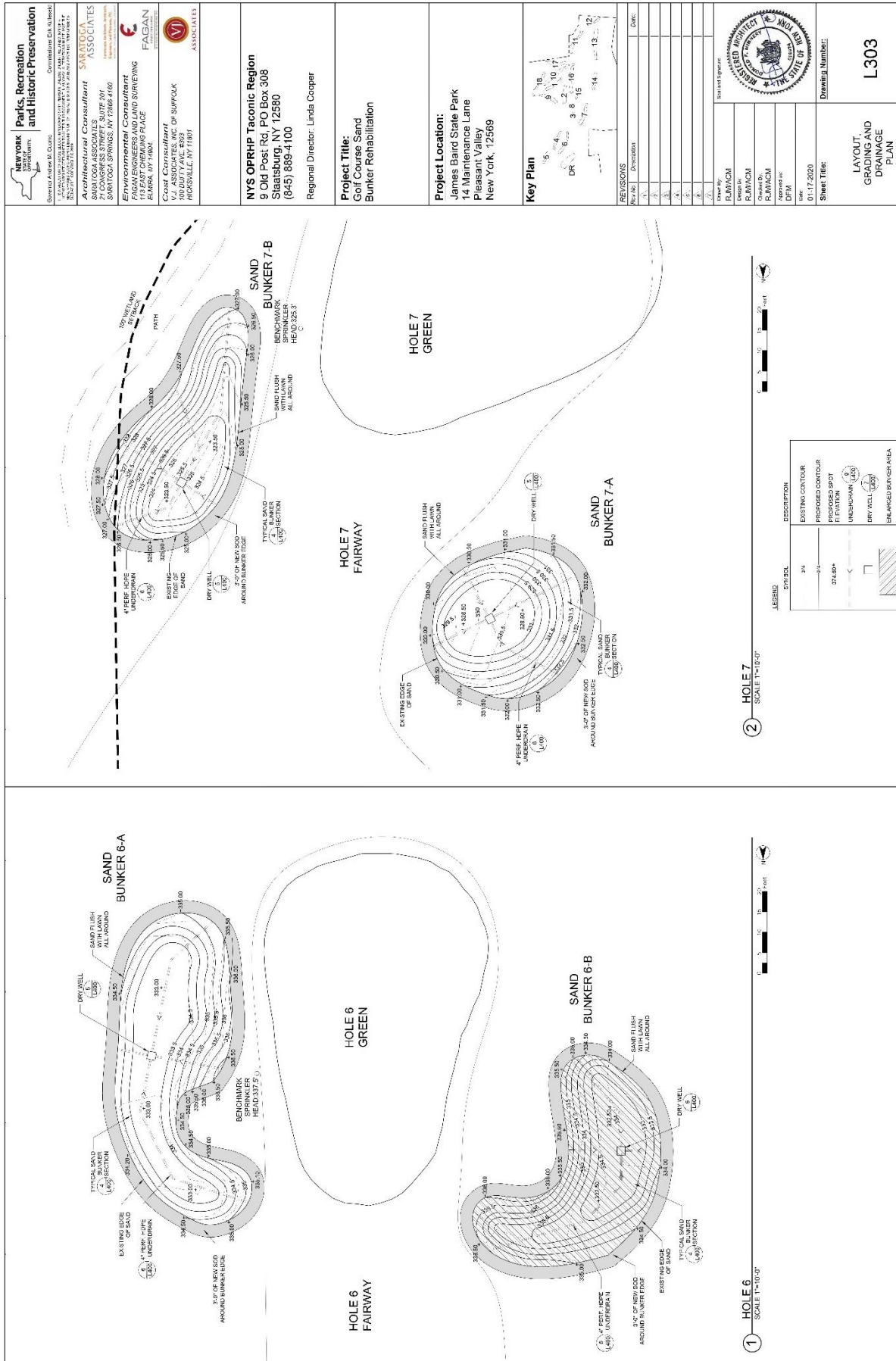
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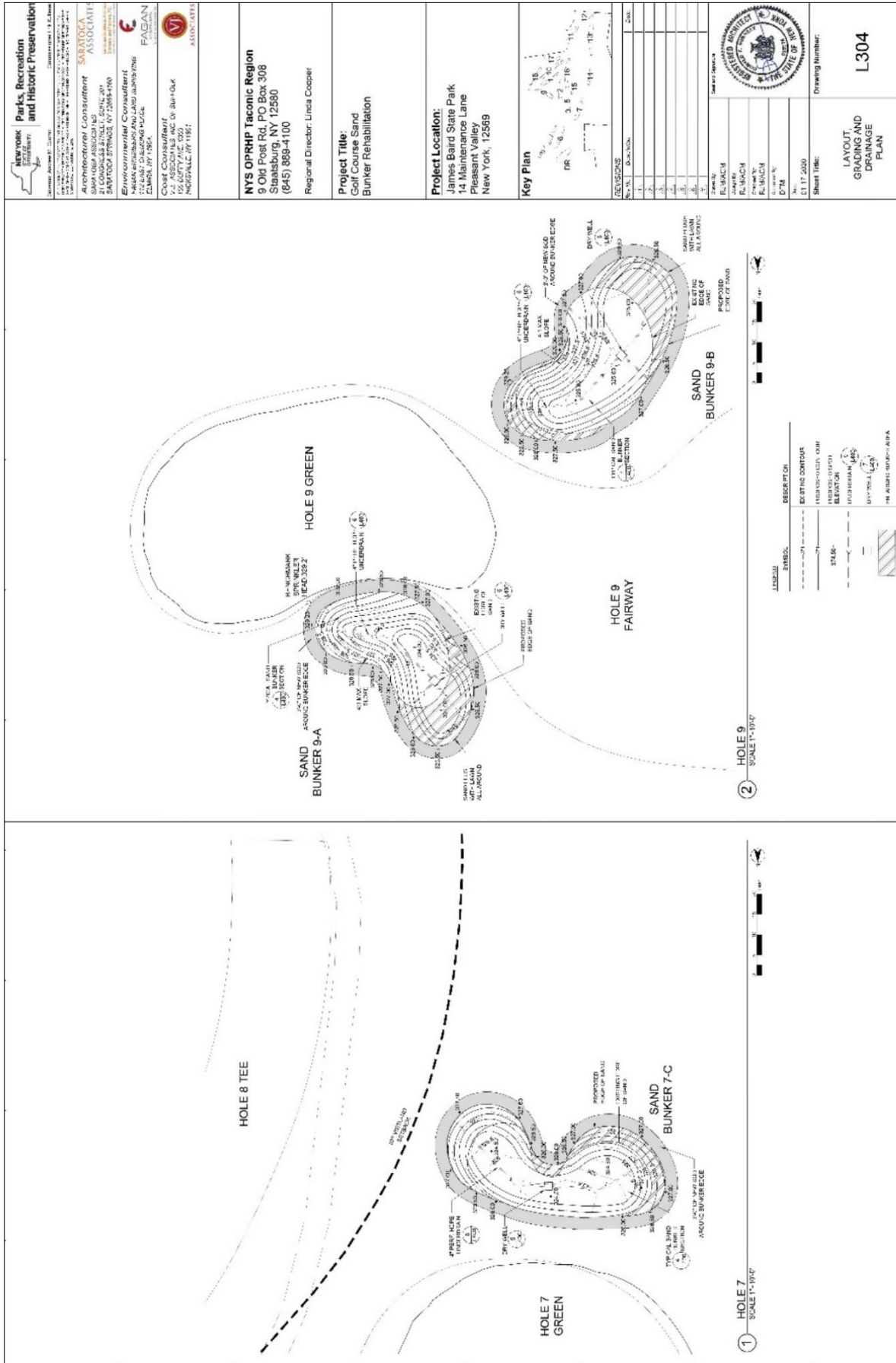
<p>NEW YORK STATE Parks, Recreation and Historic Preservation CONTRIBUTOR FOR BALANCE</p>	<p>Architectural Consultant SARITOGA ASSOCIATES 301 SARA LOGAN SPRINGS, NY 12886-4169</p> <p>Environmental Consultant FASAN ENGINEERS AND LAND SURVEYING 12 EAST CROMBING PLACE SUDBURY CENTER, NY 12849</p> <p>Surveyor V.A. ASSOCIATES, INC. OF SUFFOLK 600 DUFFY AVE. #303 ALBANY, NY 12207</p>	<p>NYS OPRHP Taconic Region 9 Old Post Rd., PO Box 308 Staatsburg, NY 12580 (645) 889-4100 Regional Director, Linda Cooper</p>	<p>Project Title: Golf Course Sand Bunker Rehabilitation</p>	<p>Project Location: James Baird State Park 14 Maintenance Lane Pleasant Valley New York, 12569</p>	<p>Key Plan</p>	<p>REVISIONS</p> <table border="1"> <tr><th>NO.</th><th>DATE</th><th>DESCRIPTION</th><th>DATE</th></tr> <tr><td>1</td><td></td><td></td><td></td></tr> <tr><td>2</td><td></td><td></td><td></td></tr> <tr><td>3</td><td></td><td></td><td></td></tr> <tr><td>4</td><td></td><td></td><td></td></tr> <tr><td>5</td><td></td><td></td><td></td></tr> <tr><td>6</td><td></td><td></td><td></td></tr> <tr><td>7</td><td></td><td></td><td></td></tr> <tr><td>8</td><td></td><td></td><td></td></tr> </table>	NO.	DATE	DESCRIPTION	DATE	1				2				3				4				5				6				7				8				<p>APPROVED NEW YORK STATE OFFICE OF THE STATE ENGINEER</p> <p>Drawn by: RUMACM Checked by: RUMACM Date of Issue: 01-17-2020</p>	<p>Sheet Title: LAYOUT, GRADING AND DRAINAGE PLAN</p> <p>Drawing Number: L301</p>
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<p>Parks, Recreation and Historic Preservation</p>	<p>ARCHITECTURAL CONSULTANT SWARTZCOFF ASSOCIATES 100 WEST STREET, 10TH FLOOR NEW YORK, NY 10038-1000 (212) 691-1000</p>
	<p>ENVIRONMENTAL CONSULTANT FACAN 100 WEST STREET, 10TH FLOOR NEW YORK, NY 10038-1000 (212) 691-1000</p>
<p>CONTRACTOR J. J. ANGLADE INC. INC. 150 WEST 47TH STREET HOUSTON, TX 77051</p>	<p>NYS OPRHP Taconic Region 5011 POST RD. PO BOX 308 SHARON, NY 12586 (845) 889-4100 Regional Director: Linda Cooper</p>
<p>PROJECT TITLE: Golf Course Sand Bunker Rehabilitation</p>	<p>PROJECT LOCATION: James Baird State Park 14 Maintenance Lane Pleasant Valley New York, 12569</p>
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<p>New York State Department of Parks, Recreation and Historic Preservation</p>	<p>Director: Andrew M. Cuomo Commissioner: C.H. LiWicki</p>																																													
	<p>Architectural Consultant SARATOGA ASSOCIATES 271 CONGRESS STREET, SUITE 201 SARATOGA SPRINGS, NY 12858-4160</p>																																													
<p>Environmental Consultant FAGAN ENGINEERS AND LAND SURVEYING 1000 W. STATE STREET, SUITE 200 ELMIRA, NY 14801</p>	<p>Cost Consultant V.J. ASSOCIATES, INC. OF SUFFOLK 100 BOUTWELL AVE., #203 ROSELAND, NY 14880</p>																																													
<p>NYS OPRHP Teconic Region 9 Old Post Rd., P.O. Box 308 Stratford, NY 12580 (845) 869-4100 Regional Director: Linda Cooper</p>																																														
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Hevesek Parks, Recreation and Historic Preservation
 380 Old Post Rd., PO Box 306
 Staatsburg, NY 12580
 (845) 888-4100
 Regional Director: Linda Cooper

Architectural Consultant
 SARATOGA ASSOCIATES INC. 201
 SARATOGA SPRINGS, NY 12858-4190
Environmental Consultant
 Fagan Associates Inc. 100
 CLARK, NY 13020

CONTRACTOR
 V.J. ASSOCIATES INC. OF 384-04
 152 GAITHERY AVE. 1052
 HEMPSTEAD, NY 11551

NYS OPRHP Taconic Region
 8 Old Post Rd., PO Box 306
 Staatsburg, NY 12580
 (845) 888-4100
 Regional Director: Linda Cooper

Project Title:
 Golf Course Sand
 Bunker Rehabilitation

Project Location:
 James Baird State Park
 14 Maintenance Lane
 Pleasant Valley
 New York, 12559

Key Plan

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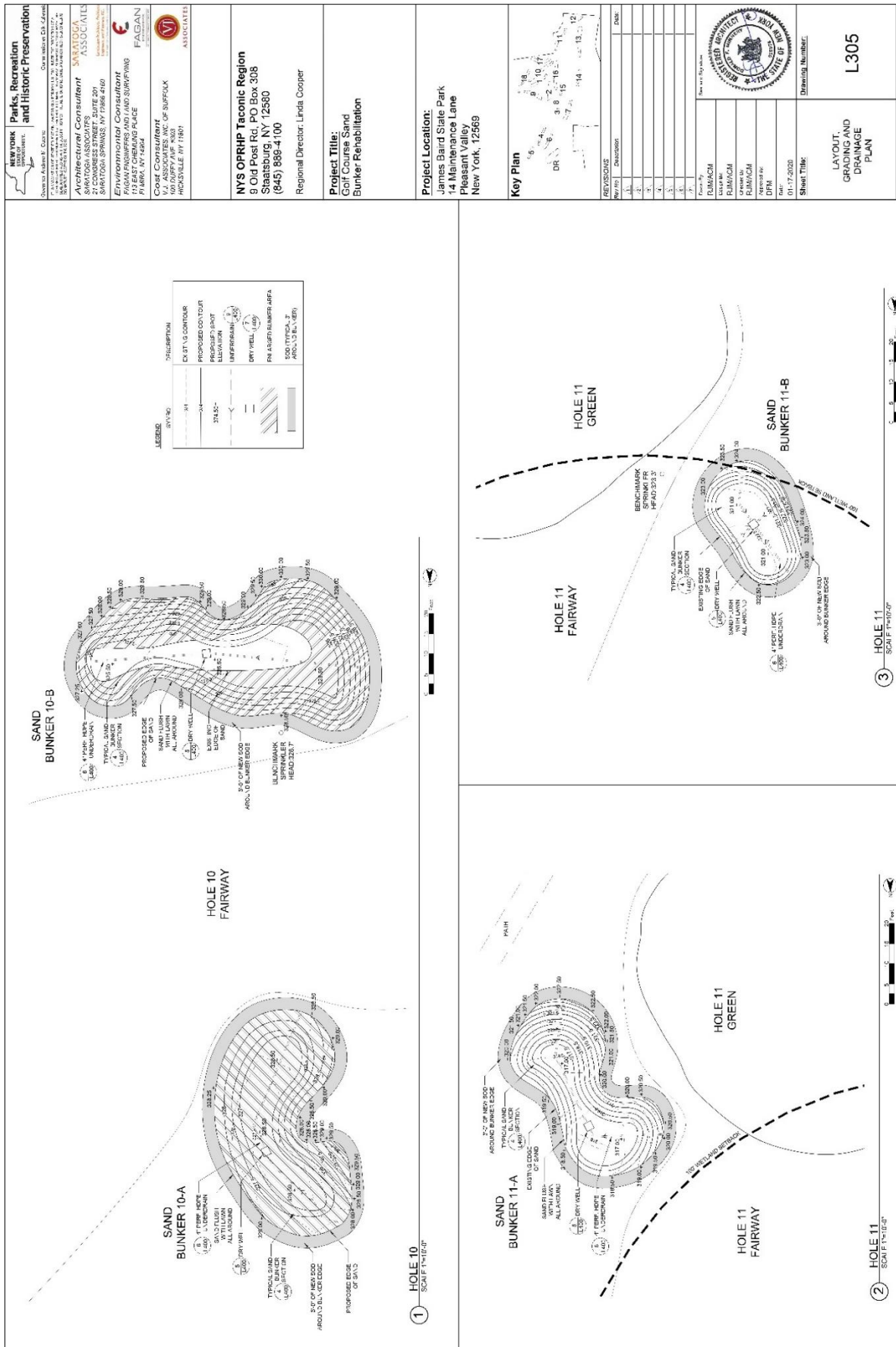
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APPROVED: [Signature]
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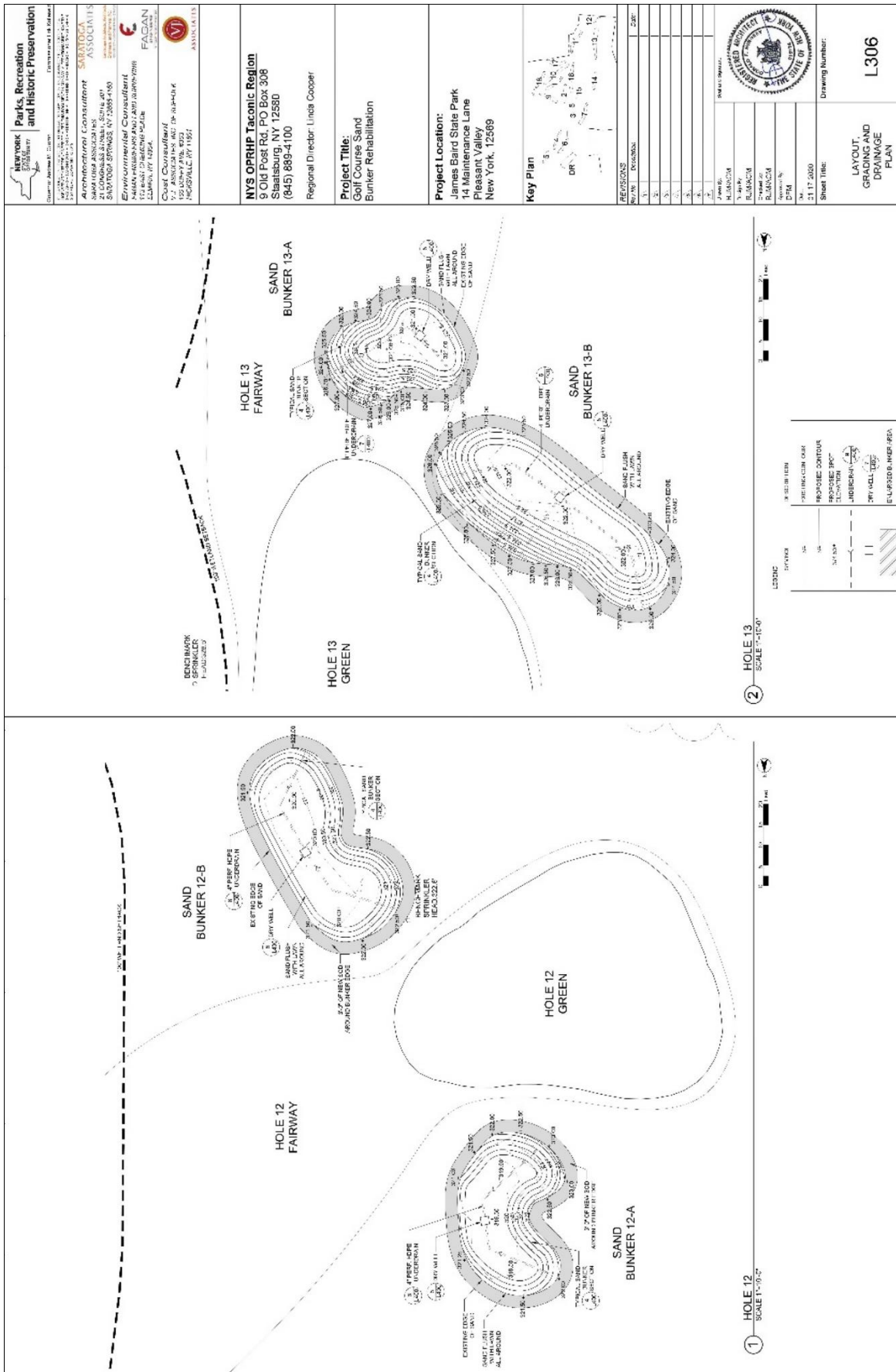
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PROJECT LOCATION: James Baird State Park
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PROJECT TITLE: Golf Course Sand Bunker Rehabilitation
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PROJECT NO.: 19-001
DRAWING NO.: L304

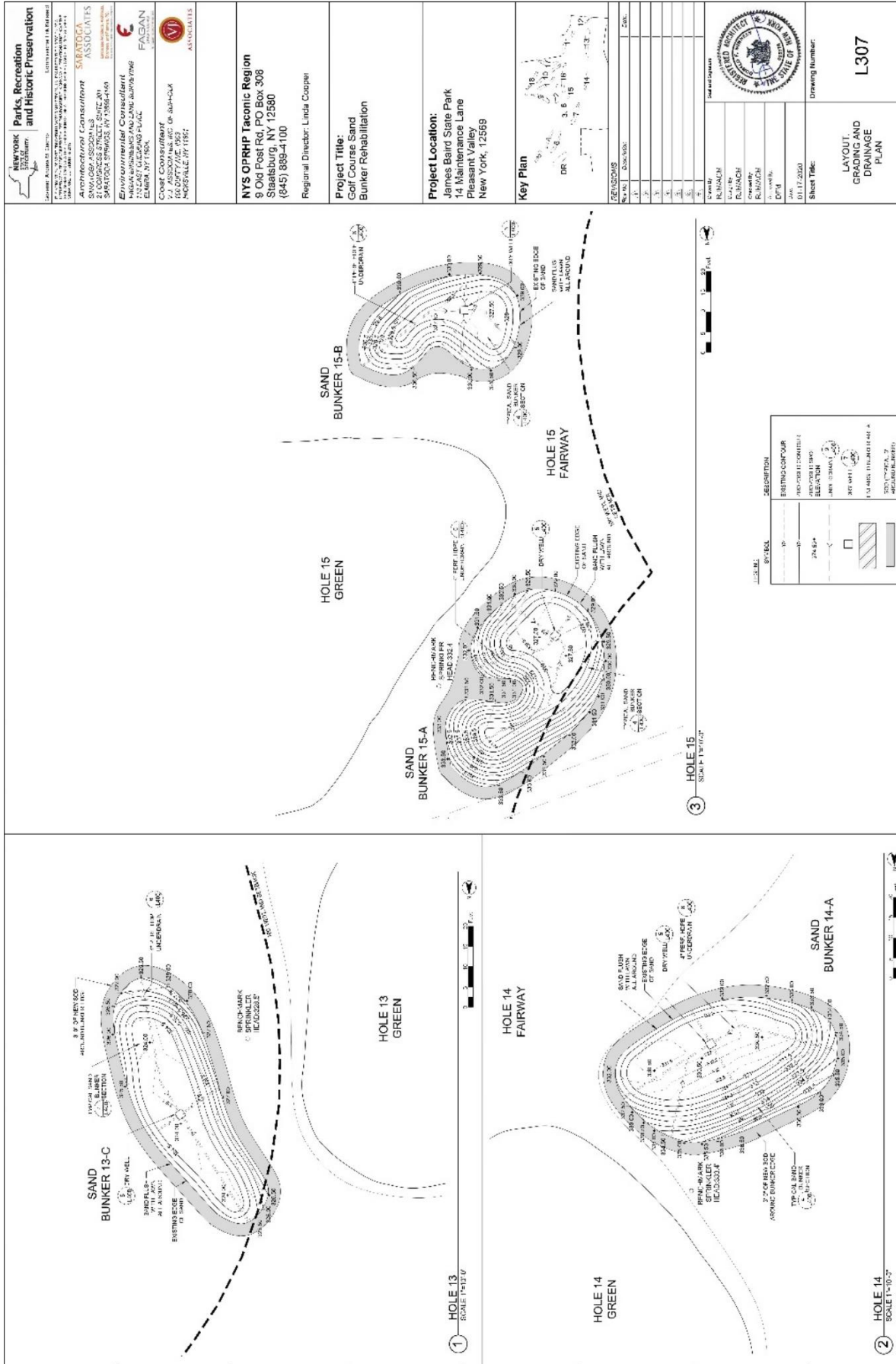
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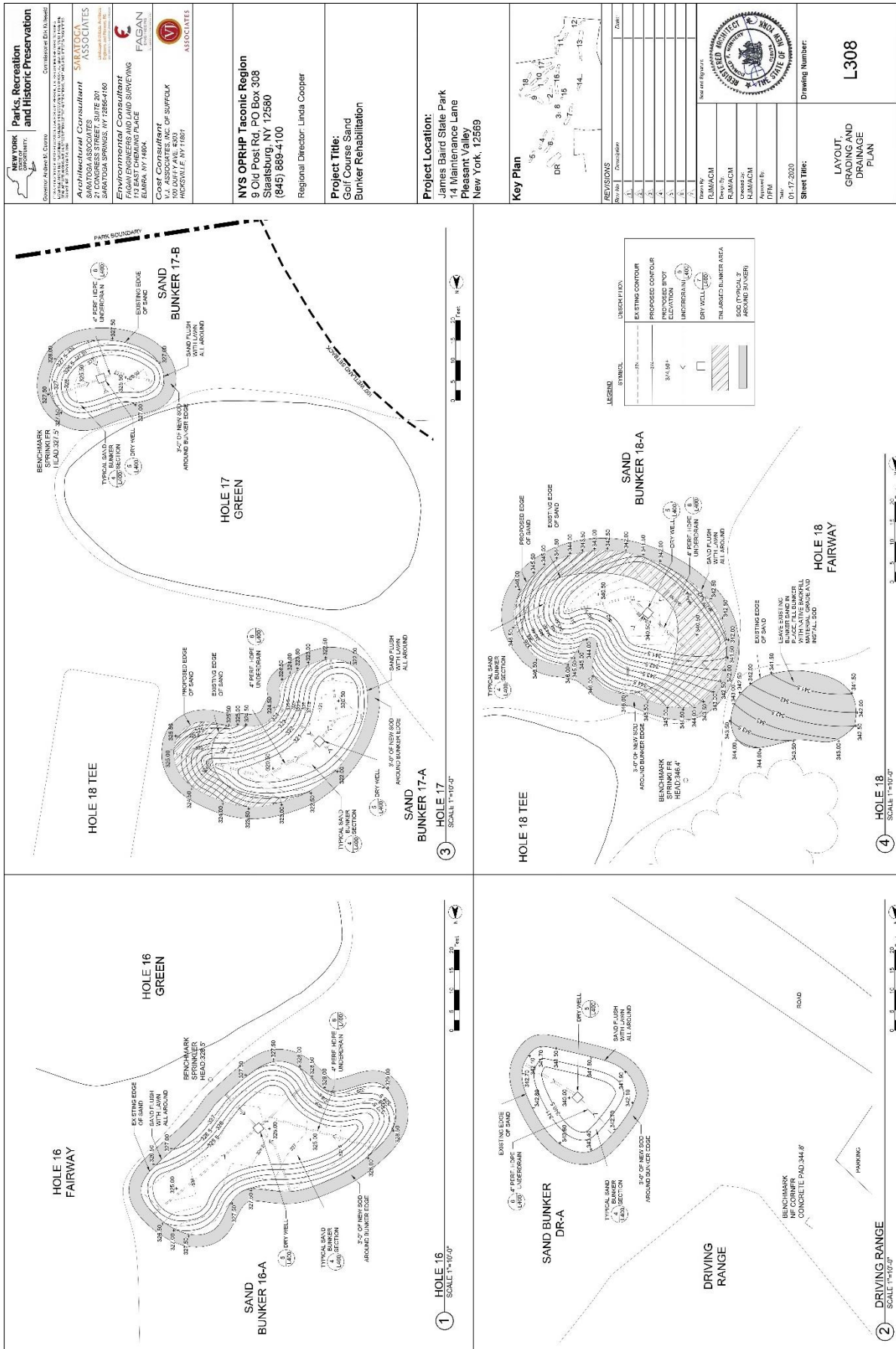
NEW YORK DEPARTMENT OF ENVIRONMENTAL CONSERVATION Parks, Recreation and Historic Preservation	Saratoga County Office: 100 State St., Saratoga, NY 12158 Phone: (518) 487-2300 Fax: (518) 487-2301 Email: saratoga@dec.state.ny.us																								
Architectural Consultant SARATOGA ASSOCIATES 200 STATE ST., SUITE 200 SARATOGA, NY 12158 Phone: (518) 487-2300 Fax: (518) 487-2301 Email: saratoga@dec.state.ny.us	Cost Consultant NYS OPRHP 9 Old Post Rd., PO Box 308 Staatsburg, NY 12580 (845) 889-4100 Regional Director: Linda Cooper																								
Project Location: James Baird State Park 14 Maintenance Lane Pleasant Valley New York, 12569	Project Title: Golf Course Sand Bunker Rehabilitation																								
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<p>NEW YORK STATE Parks, Recreation and Historic Preservation</p> <p>ARCHITECTURAL CONSULTANT SARATOGA ASSOCIATES 21 CORTLAND AVENUE, SUITE 407 SUNNYSPRING, NY 12150-4100 Environmental Consultant 172 EAST D'ARCADE AVENUE LAWSON, NY 13324</p> <p>Cost Consultant MCGILLI & ASSOCIATES 1525 STATE ST. #202 ROCHESTER, NY 14621</p>	<p>NYS OPRHP Taconic Region 9 Old Post Rd., PO Box 308 Staatsburg, NY 12580 (845) 889-4100 Regional Director Linda Cooper</p> <p>Project Title: Golf Course Sand Bunker Rehabilitation</p> <p>Project Location: James Baird State Park 14 Maintenance Lane Pleasant Valley New York, 12569</p>	<p>Key Plan</p>	<table border="1"> <thead> <tr> <th>NO.</th> <th>REVISION</th> <th>DATE</th> </tr> </thead> <tbody> <tr><td>1</td><td></td><td></td></tr> <tr><td>2</td><td></td><td></td></tr> <tr><td>3</td><td></td><td></td></tr> <tr><td>4</td><td></td><td></td></tr> <tr><td>5</td><td></td><td></td></tr> <tr><td>6</td><td></td><td></td></tr> <tr><td>7</td><td></td><td></td></tr> <tr><td>8</td><td></td><td></td></tr> <tr><td>9</td><td></td><td></td></tr> <tr><td>10</td><td></td><td></td></tr> <tr><td>11</td><td></td><td></td></tr> <tr><td>12</td><td></td><td></td></tr> <tr><td>13</td><td></td><td></td></tr> <tr><td>14</td><td></td><td></td></tr> <tr><td>15</td><td></td><td></td></tr> <tr><td>16</td><td></td><td></td></tr> <tr><td>17</td><td></td><td></td></tr> <tr><td>18</td><td></td><td></td></tr> <tr><td>19</td><td></td><td></td></tr> <tr><td>20</td><td></td><td></td></tr> <tr><td>21</td><td></td><td></td></tr> <tr><td>22</td><td></td><td></td></tr> <tr><td>23</td><td></td><td></td></tr> <tr><td>24</td><td></td><td></td></tr> <tr><td>25</td><td></td><td></td></tr> <tr><td>26</td><td></td><td></td></tr> <tr><td>27</td><td></td><td></td></tr> <tr><td>28</td><td></td><td></td></tr> <tr><td>29</td><td></td><td></td></tr> <tr><td>30</td><td></td><td></td></tr> <tr><td>31</td><td></td><td></td></tr> <tr><td>32</td><td></td><td></td></tr> <tr><td>33</td><td></td><td></td></tr> <tr><td>34</td><td></td><td></td></tr> <tr><td>35</td><td></td><td></td></tr> <tr><td>36</td><td></td><td></td></tr> <tr><td>37</td><td></td><td></td></tr> <tr><td>38</td><td></td><td></td></tr> <tr><td>39</td><td></td><td></td></tr> <tr><td>40</td><td></td><td></td></tr> <tr><td>41</td><td></td><td></td></tr> <tr><td>42</td><td></td><td></td></tr> <tr><td>43</td><td></td><td></td></tr> <tr><td>44</td><td></td><td></td></tr> <tr><td>45</td><td></td><td></td></tr> <tr><td>46</td><td></td><td></td></tr> <tr><td>47</td><td></td><td></td></tr> <tr><td>48</td><td></td><td></td></tr> <tr><td>49</td><td></td><td></td></tr> <tr><td>50</td><td></td><td></td></tr> </tbody> </table> <p>DATE: 11/17/2020 DRAWN BY: JRM CHECKED BY: JRM SCALE: AS SHOWN SHEET NO.: 21 OF 25 PROJECT NO.: 12150-4100</p>	NO.	REVISION	DATE	1			2			3			4			5			6			7			8			9			10			11			12			13			14			15			16			17			18			19			20			21			22			23			24			25			26			27			28			29			30			31			32			33			34			35			36			37			38			39			40			41			42			43			44			45			46			47			48			49			50			<p>NEW YORK STATE Parks, Recreation and Historic Preservation</p> <p>RECEIVED OFFICE OF THE STATE ARCHITECT</p> <p>DATE: 11/17/2020 DRAWING NUMBER: L306</p> <p>LAYOUT, GRADING AND DRAINAGE PLAN</p>
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NYS OPRHP Taconic Region
 9 Old Post Rd, PO Box 308
 Staatsburg, NY 12580
 (845) 889-4100
 Regional Director: Linda Cooper

Project Title:
 Golf Course Sand Bunker Rehabilitation

Project Location:
 James Baird State Park
 14 Mount Pleasant Lane
 Pleasant Valley
 New York, 12589

Key Plan

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Sheet Title:
 LAYOUT, GRADING AND DRAINAGE PLAN

Drawing Number:
 L308

NEW YORK
Department of
**Parks, Recreation
and Historic Preservation**

Division of Parks
60 West Street, 15th Floor
New York, NY 10038

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Staatsburg, NY 12580
(845) 889-4100

Regional Director: Linda Cooper


Project Title:
Golf Course Sand
Bunker Rehabilitation

Project Location:
James Baird State Park
14 Maintenance Lane
Pleasant Valley
New York, 12569



Key Plan

NO.	DATE	DESCRIPTION
1	01-17-2020	ISSUED FOR PERMIT
2	01-17-2020	ISSUED FOR PERMIT
3	01-17-2020	ISSUED FOR PERMIT
4	01-17-2020	ISSUED FOR PERMIT
5	01-17-2020	ISSUED FOR PERMIT
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12	01-17-2020	ISSUED FOR PERMIT




Professional Engineer
Robert J. Berman
No. 13007
State of New York

Sheet Title:
SITE DETAILS


Drawing Number:
L400

PROXIMITY CONTROL NOTES:


- ALL SOIL EXCAVATION AND REPAIR CONTROL PRACTICES SHALL BE INSTALLED IN ACCORDANCE WITH NEW YORK STATE ENVIRONMENTAL CONSTRUCTION ACT AND REGULATORY CODES.
- ANY EXISTING PROXIMITY CONTROL PRACTICES SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION AND REPAIRS. ANY PROXIMITY CONTROL PRACTICES THAT ARE DAMAGED OR DESTROYED SHALL BE REPAIRED OR REPLACED WITHIN 10 BUSINESS DAYS OF THE DATE OF DAMAGE OR DESTRUCTION. THE REPAIRS SHALL BE APPROVED BY THE CONTRACTOR AND THE SUPERVISOR. THE REPAIRS SHALL BE INSTALLED WITHIN 10 BUSINESS DAYS OF THE DATE OF DAMAGE OR DESTRUCTION.
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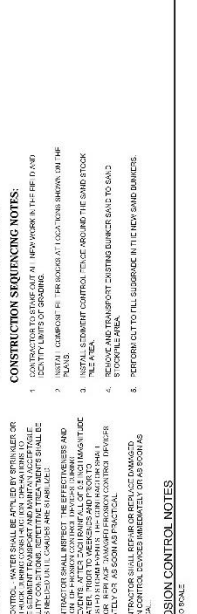
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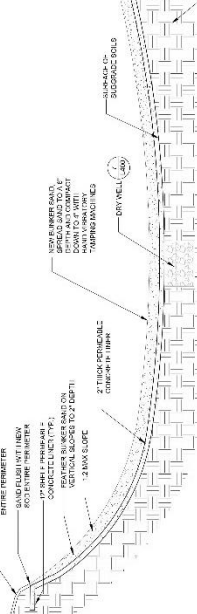
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CONSTRUCTION SEQUENCING NOTES:

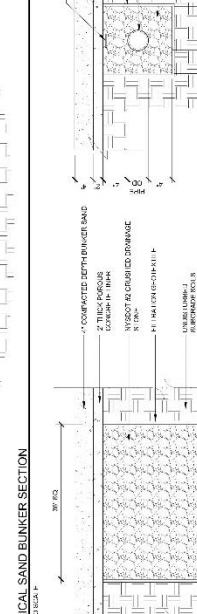
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5 TYPICAL SAND BUNKER SECTION
NOT TO SCALE



6 UNDER DRAIN
NOT TO SCALE



7 DRY WELL
NOT TO SCALE

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STANDARD SPECIFICATIONS FOR CONCRETE TRUCK WASHOUT

Definition & Scope

Temporary installed to allow ground level excavation pit where concrete truck access and equipment can be washed after their loads have been discharged, to prevent highly erosive concrete from entering storm drainage system or leaching into soil.

Conditions Where Practice Applies

Washout facilities shall be installed at all locations where concrete will be poured or otherwise formed on site. This facility will receive highly alkaline wash water from the equipment, trucks, and trucks. Under no circumstances will wash water from these operations be allowed to infiltrate into the soil or cause stream siltation.

Design Criteria

Capacity: The washout facility should be sized to contain solids, wash water, and silt and used to store concrete residue until it can be disposed of. The washout facility should be designed to contain the wash water until it can be disposed of.