OPTIMUM RV
MARION COUNTY, FLORIDA

ECOLOGICAL SITE ASSESSMENT

MODICA & ASSOCIATES

ENVIRONMENTAL
PLANNING
DESIGN &
PERMITTING

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1.0 INTRODUCTION

Modica & Associates conducted an ecological assessment of the 38.39± acre Optimum RV property ("Subject Parcel") on December 29, 2017. The Subject Parcel is located south of SE 73rd Street and west of U.S. Highway 27 in Marion County, Florida. The parcel is specifically located in Section 10, Township 16 South, Range 22 East in Marion County, Florida (**Figures 1 & 2**).

The intent of the Ecological Assessment was to preliminarily evaluate on-site habitats and vegetative communities, to identify the presence or potential for presence of protected wildlife species, to identify potential environmentally-related development constraints associated with the property, and to outline regulatory permitting requirements for the property, specifically pertaining to ecological resources. The findings presented herein reflect on-site conditions at the time of the investigation and do not preclude the possibility that conditions may change over time.

2.0 PROJECT SITE CONDITIONS

Prior to inspecting the Subject Parcel, published literature and publicly available ArcView™ GIS data layers were reviewed in an effort to obtain an understanding of site topography, soils, vegetation, and anticipated / documented wildlife use in the vicinity of the property. The following resources were accessed as part of the subject assessment:

- 2013 Aerial Photographic Imagery, ESRI Online Basemap Options;
- Google Earth Aerial Imagery, 1994-2016;
- U.S. Department of Agriculture (USDA) *Soil Survey of Marion County Florida*;
- Florida Natural Areas Inventory (FNAI) – Species Occurrence Tracking List, Marion County;
- *Florida's Endangered and Threatened Species*, May 2017, FWC;
- *Florida Land Use, Cover and Forms Classification System (FLUCFCS) Handbook*, U.S. Department of Transportation;
- ArcView™ shapefiles containing the following wildlife occurrence records:
  - FWS 2015 bald eagle survey results (eagle_nests_2015.shp)
  - FWS wildlife observation database (Wildobs2006.shp)
- Florida Association of Environmental Soil Scientists. 2000. Hydric Soils of Florida Handbook, Third Edition;
- Florida Fish and Wildlife Conservation Commission, Eagle Nest Locator (https://public.myfwc.com/FWRI/EagleNests/nestlocator.aspx);

Modica & Associates conducted a field inspection of the Subject Parcel on December 29, 2017. The property was traversed via pedestrian and ATV transects for the purpose of

identifying any listed wildlife species and to map the onsite land uses and vegetative communities. The findings of the survey are discussed in greater detail below.

2.1 Soils

According to the *Soil Survey of Marion County, Florida*, prepared by the U.S. Department of Agriculture (USDA), Soil Conservation Service (SCS), three (3) soil types occur within the Subject Parcel's boundaries (**Figure 3**). These soil types include the following; the soil descriptions are excerpts from the SCS *Soil Survey of Marion County, Florida*.

Udalfic Arents, 15 to 60 percent slopes (#8) are well drained mixed soil material and unconsolidated material that has been excavated from and piled adjacent to mine pits. These materials remain in the position in which they were deposited. Areas are generally small. The water table is at a depth of more than 72 inches.

Arrendondo Sand, 0 to 5 percent slopes (#9) is a nearly level to gently sloping, well-drained soil that occurs as broad rolling areas of the uplands. The water table is at a depth of more than 72 inches. Permeability is rapid in the upper 65 inches, moderately rapid from 65 to 70 inches, and moderate below.

Kendrick loamy sand, 0 to 5 percent slopes (#44) is a gently sloping, well-drained soil that occurs as small and large areas of the uplands. The water table is at a depth of more than 72 inches. Permeability is rapid in the upper 26 inches and moderate from 26 to 83 inches.

None of the soil types mapped on the Subject Parcel are considered to be hydric soils.

2.2 Land Use Types & Vegetative Communities

The Optimum RV site currently supports four (4) land use type/vegetative community within its boundaries (**Figure 4**). The land use types were identified using the Florida Land Use, Cover and Forms Classification System, Level III (FLUCFCS, FDOT, January 1999).

The jurisdictional wetlands and surface waters were delineated in accordance with the wetland delineation methodologies set forth in Chapter 62-340 F.A.C. The approximate limits of the jurisdictional wetlands and surface waters are depicted on **Figure 5**.

The following provides a brief description of the land use types/vegetative communities identified on the site:

110- Residential, Low Density
A single-family residence occurs in the northern portion of the Subject Parcel. There is a single-family home with secondary structures. The surrounding land is a fenced, mowed and maintained yard.

140 – Commercial & Services
The eastern portion of the site consists of the existing Optimum RV sales center, storage area and maintenance facility. All land within this land use is developed and under current use by the facility.

420- Upland Hardwood Forest
The western portion of the Subject Parcel is made up of this community type. Species such as live oak (*Quercus virginiana*) and laurel oak (*Quercus laurifolia*) are present, as well as American elm (*Ulmus americana*) and ash (*Fraxinus caroliniana*).

534 – Reservoir – Less than 10 Acres
There are two man-made, upland-cut surface waters within the Subject Parcel. One area is located in the northwestern portion of the property, south of the single-family home. The side slopes of this surface water are extremely steep, evident of an old mine pit. The soils mapped in this area also confirm previous earthwork and excavation.

The second surface water is located in the southeastern portion of the property. This area was also excavated from upland soils. Vegetation present in this system includes carolina willow (*Salix caroliniana*), Cuban bullrush (*Oxycaryum cubense*), paper mulberry (*Broussonetia papyrifera*), broomsedge (*Andropogon virginicus*), with slash pine (*Pinus elliottii*) and laurel oak around the perimeter.

2.3 Wildlife

A qualitative review of the Subject Parcel was conducted to determine if any wildlife species using the property are listed as protected by the U.S. Fish & Wildlife Service (USFWS) or the Florida Fish & Wildlife Conservation Commission (FWC). To assist in documenting the potential protected species on the project site, the Florida Natural Areas Inventory (FNAI) Tracking List for Marion County was obtained and reviewed (**Exhibit A**). Using this information, a survey of the site was conducted to determine the need and extent of formal survey for any particular wildlife species. Below is a list of wildlife observed on the Subject Parcel during the December 29, 2017 site inspection.

BIRDS
Northern cardinal (*Cardinalis cardinalis*)
Northern mockingbird (*Mimus polyglottos*)

REPTILES
Brown anole (*Anolis sagrei*)

MAMMALS
Nine-banded armadillo (*Dasypus novemcinctus*)
Racoon (*Procyon lotor*)

There were no listed species of wildlife documented during the site inspection. Information regarding wildlife species with potential for presence on the Subject Parcel is provided in Section 4 below.

2.4 Listed Flora

A survey was conducted to document the presence of any protected plant species within the Subject Parcel. This floral species survey was conducted in conjunction with the assessment on December 29, 2017.

No plant species listed by either the Florida Department of Agriculture (FDA) or USFWS were observed on the site during the survey.

3.0 REGULATORY AGENCY PERMITTING

The Subject Parcel lies within the jurisdiction of the St. Johns River Water Management District (SJRWMD) and Marion County. Regulatory requirements for each agency are outlined below. The mine pit present on the Subject Parcel is isolated; the U.S. Army Corps of Engineers (ACOE) will not claim jurisdiction over the Subject Parcel.

3.1 St. Johns River Water Management District

The SJRWMD administers regulatory authority for proposed developments through the Environmental Resource Permitting (ERP) program. Development of the Subject Parcel will require an ERP application to be submitted to the SJRWMD for stormwater management and environmental regulatory review. The SJRWMD exerts regulatory jurisdiction over wetland and surface waters. The review period is typically between 60 and 120 days for permit approval depending on the size and nature of the project and whether or not wetland impacts are proposed.

The Subject Parcel does contain jurisdictional surface waters. If impact to these surface waters are proposed, these impacts will need to be reflected on the construction plans and documented in the appropriate Tables and Sections of the ERP application. Although both of these systems are man-made and excavated from upland soils, impact to these systems may require mitigation. The surface water in the southeastern portion of the site contains wetland vegetation and will likely be claimed as a wetland by SJRWMD. The quality of this system is low and required mitigation would be relative to the low quality.

3.2 Marion County

Marion County has a Conservation Element within their Comprehensive Plan. This Element has been developed by the County's Planning Department and is ultimately enforced through the Marion County Board of County Commissioners. Policy 1.1 of the Conservation Element generally defines environmentally sensitive lands that should be afforded special protection due to the presence of natural resources. The Subject Parcel does not lie within Marion County's Environmentally Sensitive Overlay Zones.

Policy 2.22 of the Conservation Element requires survey for listed wildlife. A 50% survey of the site did not reveal any gopher tortoise burrows or any other protected species of wildlife. The FWC only considers a gopher tortoise survey to be valid for a period of 90 days. The survey conducted by Modica & Associates will expire on March 29, 2018. If construction activities do not commence prior to March 29, 2018, an updated gopher tortoise survey may be required.

This report is sufficient to address additional site-specific information required by Policy 2.22. No additional coordination with Marion County is anticipated to be needed to address environmental or ecological components of development of the Subject Parcel.

4.0 PROTECTED SPECIES REGULATIONS AND PERMITTING

A qualitative review of the site was conducted to determine if any wildlife species using the property are listed as protected by the USFWS or the FWC. Surveys were performed by conducting pedestrian transects across about 50% of the site.

It should be noted that these findings reflect the site conditions at the time of the investigation and do not preclude other listed species from inhabiting the project site in the future.

4.1 Gopher Tortoise

The gopher tortoise is listed by the FWC as a threatened species. Gopher tortoises are commonly found in areas occurring on well-drained sandy soils associated with xeric pine-oak hammock, scrub, pine flatwoods, pastures and citrus groves.

Approximately 50% of the site was evaluated during the December 29, 2017 site inspection. No gopher tortoise burrows were documented during the site inspection. The FWC considers a gopher tortoise survey to be valid for a period of 90 days. The survey conducted by Modica & Associates will expire on March 29, 2018. If construction activities do not commence prior to March 29, 2018, an updated gopher tortoise survey may be required.

4.2 American Bald Eagle

In addition to the on-site evaluation for wildlife, the FWC's *Eagle Nest Locator* website (https://public.myfwc.com/FWRI/EagleNests/nestlocator.aspx) was used to determine if any documented eagle nests are located within or near the Subject Parcel. The closest eagle nest (Nest ID # MR-146) is about 3 miles east of the property (**Figure 6**). The associated management zones of MR-146 do not extend onto or near the Subject Parcel. Therefore, project development should not have any adverse impact on eagle breeding or nesting activities. No coordination with FWC or USFWS is anticipated for the presence of this species.

4.3 Sand Skink

The sand skink (*Neoseps reynoldsi*) is listed as threatened by the USFWS and FWC. The sand skink is a fossorial lizard endemic to the central ridge of peninsular Florida, and spends its lifecycle just beneath the surface of the sandy soils that are characteristic of Central Florida's ridges. Because this lizard lives beneath the surface of the sand, its presence is generally detected by the presence of sinusoidal tracks left in the sand due to the unique manner in which this species moves through the sand.

In February 2012, the USFWS revised their *Sand Skinks and Blue-tailed Mole Skinks Survey Protocol, Peninsular Florida* (Protocol) for the federally protected sand skink. According to the revised Protocol, if a property lies within the Sand Skink Consultation Area, has an elevation of 82 feet above sea level, and contains suitable soils, the USFWS assumes presence of sand skinks. The burden is on the landowner to document the absence of skinks.

The Subject Parcel lies within the Sand Skink Consultation Area and contains suitable soil types. However, the property lies below 82 feet and therefore is not required to be surveyed for the presence of sand skinks. Regardless, the habitat overlying the suitable soil types consists of densely rooted vegetation, organic material in the soils, and/or the presence of fine roots, making the soils compact and unsuitable for "swimming" by sand skinks. Because the Subject Parcel does not meet the criteria for a formal survey, no coordination with USFWS is required.

5.0 SUMMARY

Modica & Associates conducted an Ecological Assessment of the 38.39± acre Optimum RV project site on December 29, 2017. The project is located in east Ocala, Marion County, Florida.

The jurisdictional wetlands and surface waters were delineated in accordance with the State methodology established in Chapter 62-340 F.A.C. Both on-site surface waters are man-made and were excavated from upland soil types. However, wetland vegetation has recruited in the surface water system in the southeastern portion of the property and may be claimed as

a wetland by SJRWMD. If impacts to either of these systems are proposed, mitigation may be required. Both systems are isolated and are not jurisdictional to the ACOE.

Approximately 50% of the site was evaluated during the December 29, 2017 site inspection. The FWC considers a gopher tortoise survey to be valid for 90 days. The survey conducted by Modica & Associates will expire on March 29, 2018 and may need to be repeated if construction activities have not commenced by that time.

The property lies below 82 feet in elevation and does not meet the USFWS criteria to require a sand skink survey; no coordination with USFWS is required.

No listed species of wildlife were identified on the property, nor does the Subject Parcel appear to provide suitable habitat for other listed species at the time. However, it should be noted that these results reflect site conditions at the time of the investigation and do not preclude the possibility of any additional listed species using or inhabiting the site in the future, especially if vegetative habitat characteristics become more favorable for listed species in the future.

This ecological assessment does not constitute a Phase I Environmental Assessment and this report makes no representation as to the presence or absence of hazardous materials in association with the project site.

6.0 REFERENCES

Florida Fish and Wildlife Conservation Commission, Eagle Nest Locator (http://wildflorida.org/eagle/eaglenests)

Florida Fish and Wildlife Conservation Commission. 2017. Florida's Endangered and Threatened Species. Tallahassee, FL. May 2017.

United States Department of Agriculture: Soil Conservation Service. 1990. Soil Survey of Marion County, Florida.

FIGURES

Optimum RV
Figure 1 - Location Map
S10, T16S, R22E
Marion County, Florida

4,000 2,000 0 4,000 Feet

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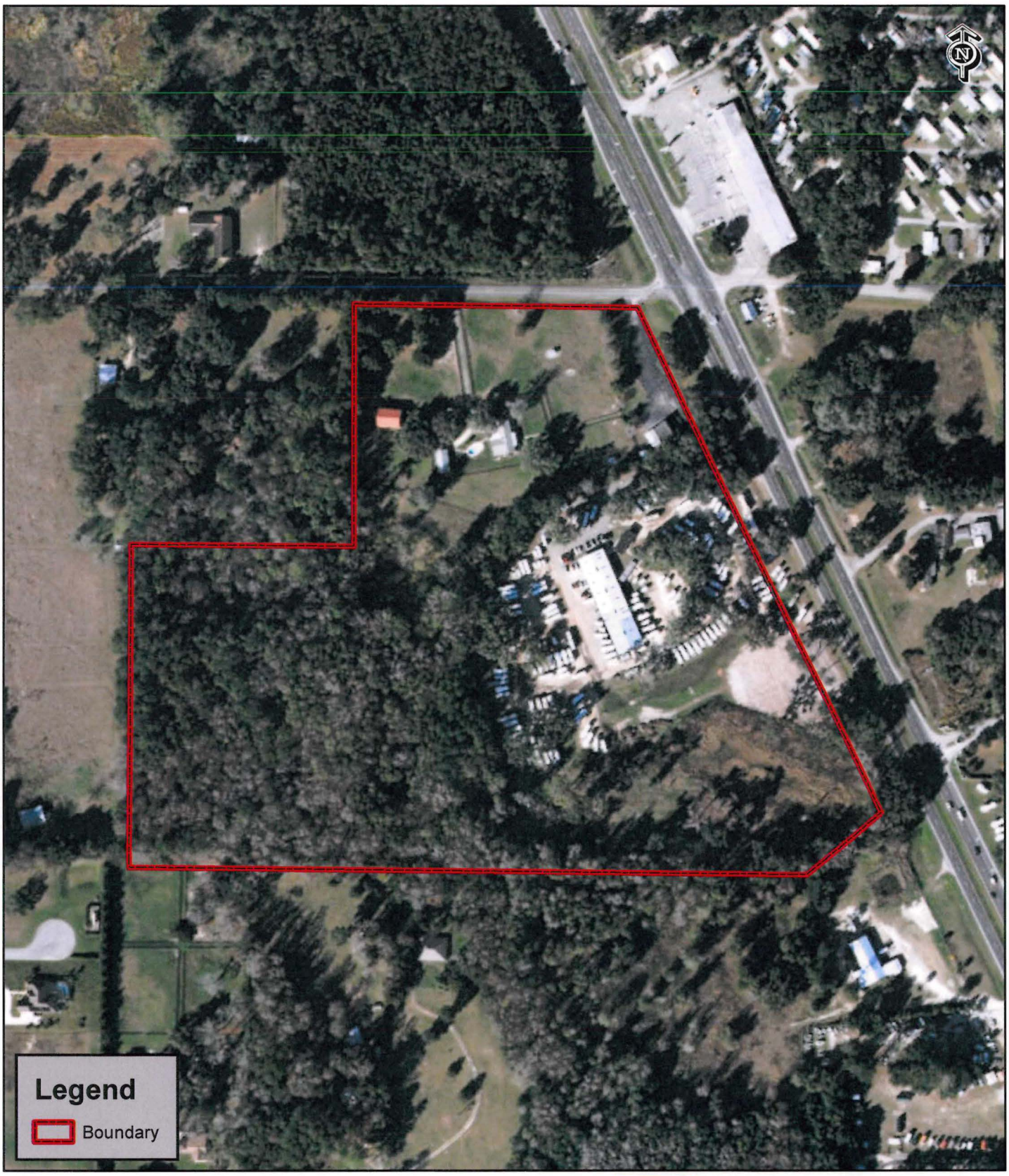

Optimum RV
Figure 2 - Aerial Map
S10, T16S, R22E
Marion County, Florida

250 125 0 250 Feet

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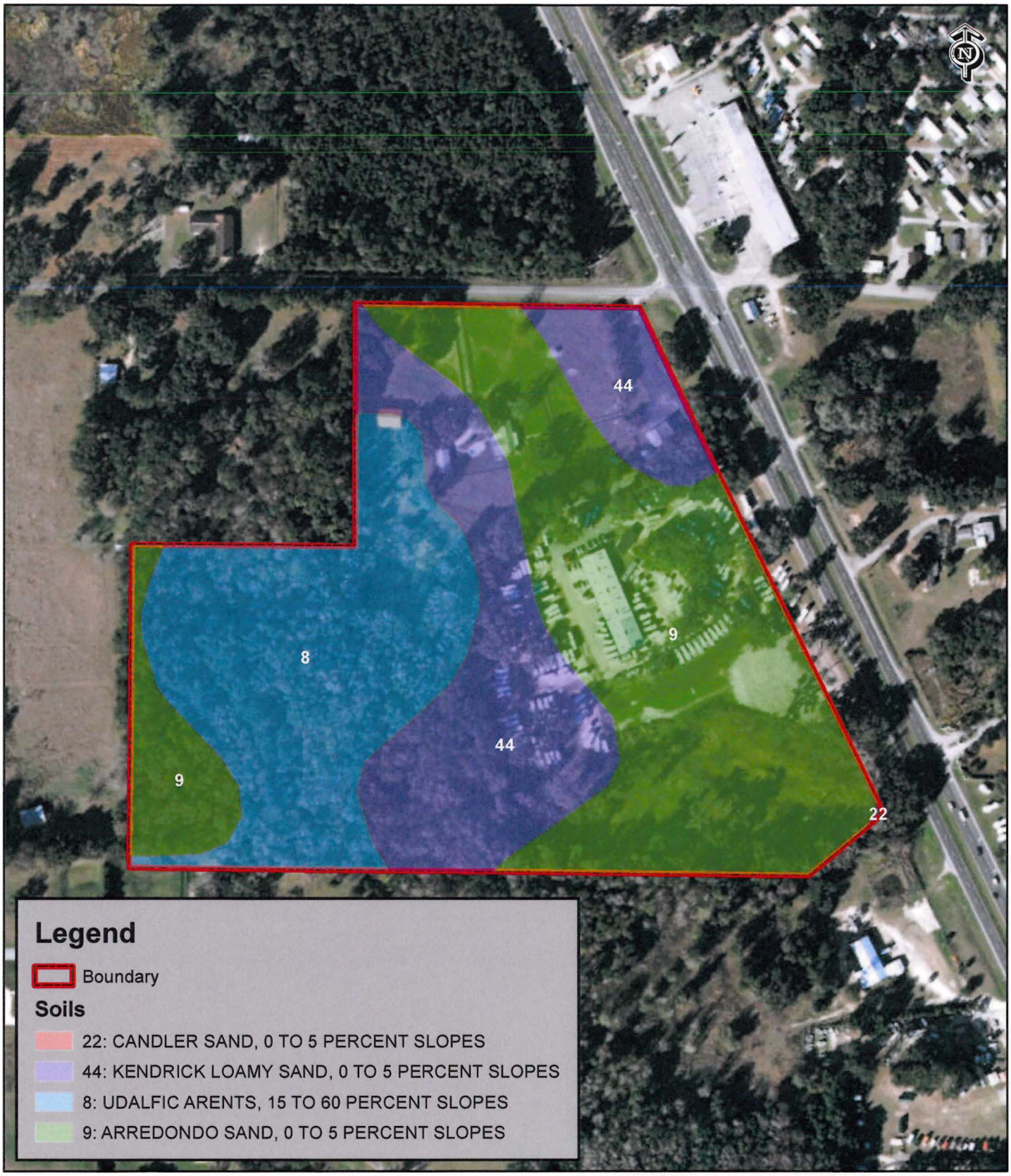

Optimum RV
Figure 3 - Soils Map
S10, T16S, R22E
Marion County, Florida

250 125 0 250 Feet

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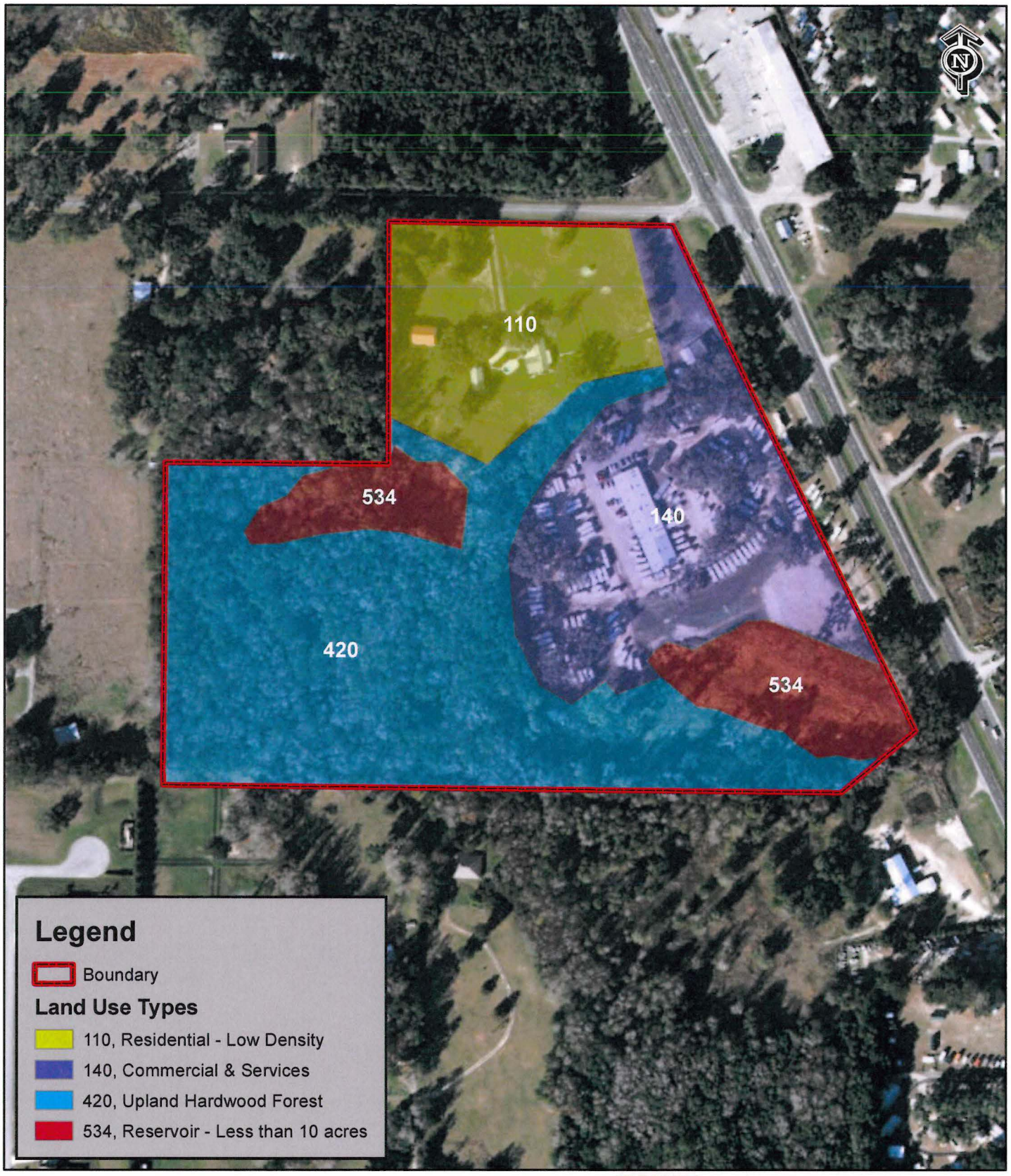

Legend

Boundary

Land Use Types

- 110, Residential - Low Density
- 140, Commercial & Services
- 420, Upland Hardwood Forest
- 534, Reservoir - Less than 10 acres

Optimum RV

Figure 4 - Land Use Map
S10, T16S, R22E
Marion County, Florida

300 150 0 300 Feet

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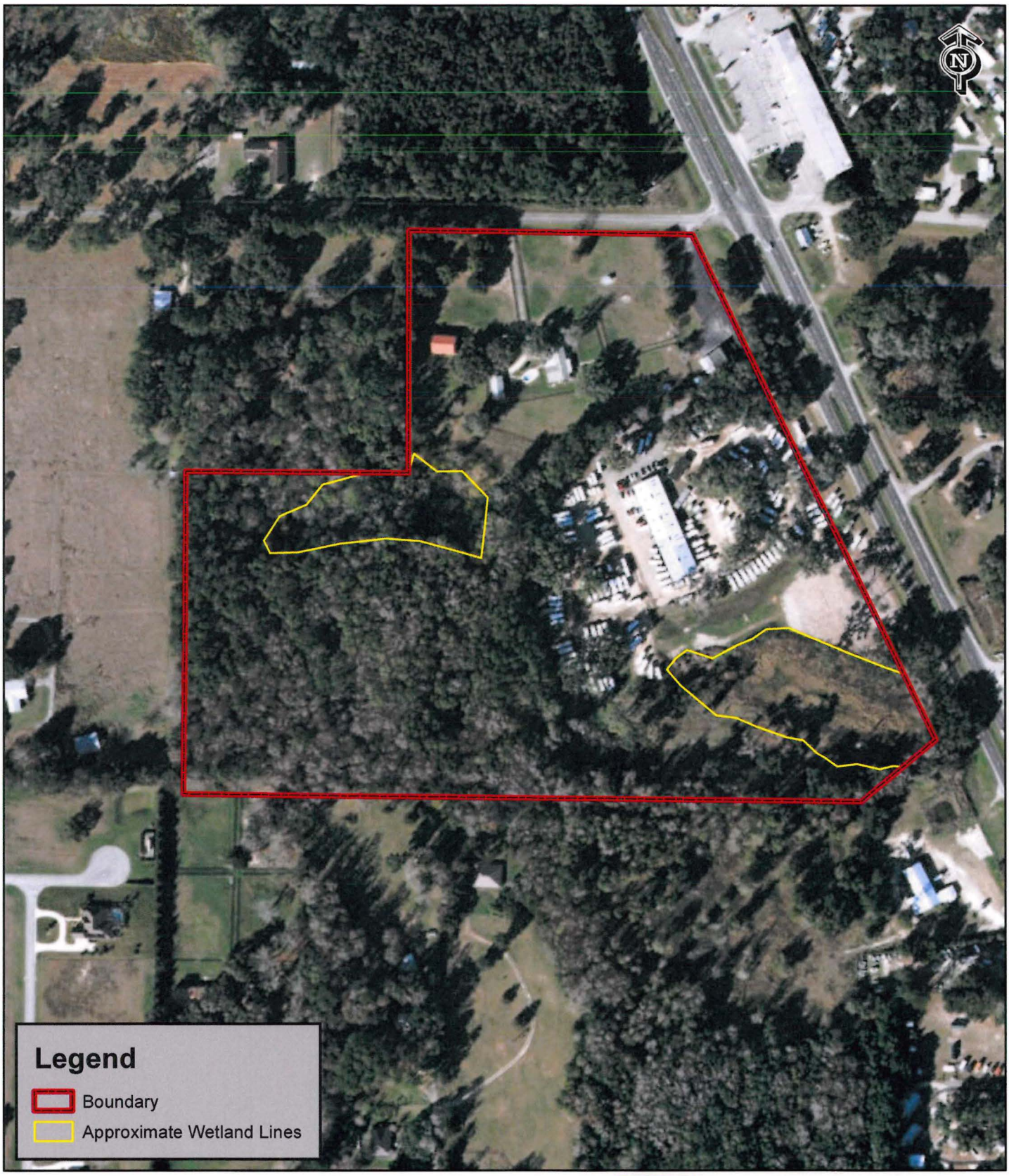

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Figure 5 - Jurisdictional Wetlands & Surface Waters Map
S10, T16S, R22E
Marion County, Florida

300 150 0 300 Feet

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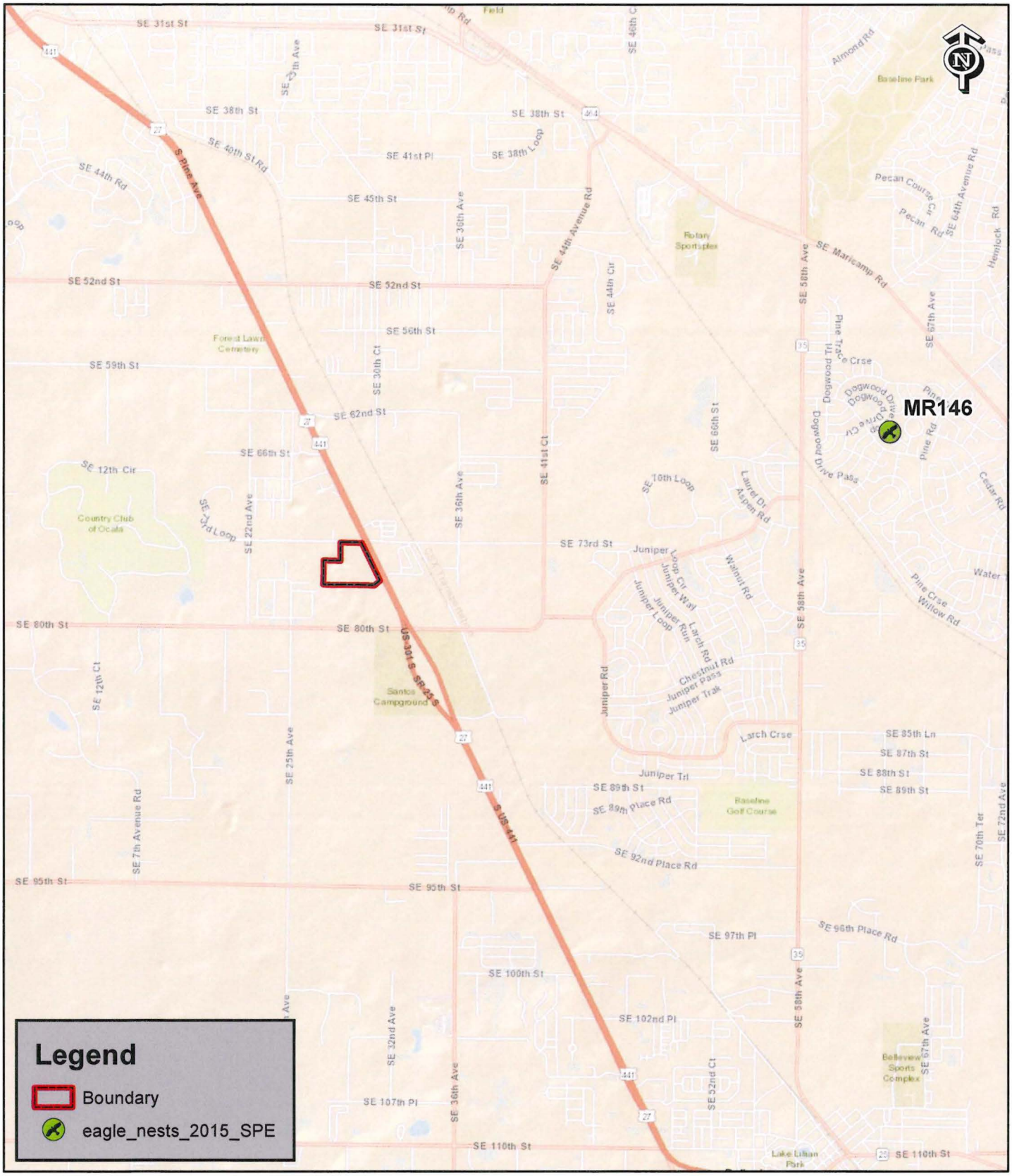

Optimum RV

Figure 6 - Eagle Nest Location Map
S10, T16S, R22E
Marion County, Florida

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EXHIBIT A

MODICA & ASSOCIATES

FNAI Tracking List

MARION COUNTY
55 Vertebrates Found
Last Updated: July 2017

Key
Scientific Name is linked to the FNAI Online Field Guides when available. - links to **NatureServe Explorer (http://www.natureserve.org/explorer/)**, an online encyclopedia of more than 55,000 plants, animals, and natural communities in North America, compiled by the **NatureServe (http://www.natureserve.org/)** network of natural heritage programs, of which the Florida Natural Areas Inventory is a member. - links to a species distribution map (**Adobe SVG viewer (http://www.adobe.com/svg/viewer/install/main.html)** required). If your browser does not support Adobe SVG, try this **link (http://plugindoc.mozdev.org/windows.html)**

New Search

SEARCH RESULTS

NOTE: This is not a comprehensive list of all species and natural communities occurring in the location searched. Only elements documented in the FNAI database are included and occurrences of natural communities are excluded. Please see FNAI Land Cover information or Reference Natural Community map for more information on communities.

Fishes	EXPLANATION (ranks.cfm)				
Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
Ameiurus brunneus (http://www.natureserve.org/explorer/servlet/NatureServe?searchName=Ameiurus+brunneus) (Javascript://)	Snail Bullhead	G4	S3	N	N
Cyprinodon variegatus hubbsi (http://www.fnai.org/FieldGuide/pdf/Cyprinodon_variegatus_hubbsi.pdf) (http://www.natureserve.org/explorer/servlet/NatureServe?searchName=Cyprinodon+variegatus+hubbsi) (Javascript://)	Lake Eustis Pupfish	G5T2Q	S2	N	N
Enneacanthus chaetodon (http://www.natureserve.org/explorer/servlet/NatureServe?searchName=Enneacanthus+chaetodon) (Javascript://)	Blackbanded Sunfish	G3G4	S3	N	N
Etheostoma olmstedi (http://www.fnai.org/FieldGuide/pdf/Etheostoma_olmstedi.pdf) (http://www.natureserve.org/explorer/servlet/NatureServe?searchName=Etheostoma+olmstedi) (Javascript://)	Tessellated Darter	G5	S1	N	ST
Pteronotropis welaka (http://www.fnai.org/FieldGuide/pdf/Pteronotropis_welaka.pdf) (http://www.natureserve.org/explorer/servlet/NatureServe?searchName=Pteronotropis+welaka) (Javascript://)	Bluenose Shiner	G3G4	S3S4	N	ST

Amphibians	EXPLANATION (ranks.cfm)				
Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status

Ambystoma cingulatum (http://www.fnai.org/FieldGuide/pdf/Ambystoma_cingulatum.pdf) (http://www.natureserve.org/explorer/servlet/NatureServe?searchName=Ambystoma+cingulatum) (Javascript://)			Frosted Flatwoods Salamander	G2	S2	T	FT
Ambystoma tigrinum (http://www.fnai.org/FieldGuide/pdf/Ambystoma_tigrinum.pdf) (http://www.natureserve.org/explorer/servlet/NatureServe?searchName=Ambystoma+tigrinum) (Javascript://)			Tiger Salamander	G5	S3	N	N
Lithobates capito (http://www.natureserve.org/explorer/servlet/NatureServe?searchName=Lithobates+capito) (Javascript://)			Gopher Frog	G3	S3	N	N
Notophthalmus perstriatus (http://www.fnai.org/FieldGuide/pdf/Notophthalmus_perstriatus.pdf) (http://www.natureserve.org/explorer/servlet/NatureServe?searchName=Notophthalmus+perstriatus) (Javascript://)			Striped Newt	G2G3	S2	C	N

Reptiles	EXPLANATION (ranks.cfm)					
Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
Alligator mississippiensis (http://www.fnai.org/FieldGuide/pdf/Alligator_mississippiensis.pdf) (http://www.natureserve.org/explorer/servlet/NatureServe?searchName=Alligator+mississippiensis) (Javascript://)	American Alligator	G5	S4	SAT	FT(S/A)
Clemmys guttata (http://www.fnai.org/FieldGuide/pdf/Clemmys_guttata.pdf) (http://www.natureserve.org/explorer/servlet/NatureServe?searchName=Clemmys+guttata) (Javascript://)	Spotted Turtle	G5	S2S3	N	N
Crotalus adamanteus (http://www.fnai.org/FieldGuide/pdf/Crotalus_adamanteus.pdf) (http://www.natureserve.org/explorer/servlet/NatureServe?searchName=Crotalus+adamanteus) (Javascript://)	Eastern Diamondback Rattlesnake	G4	S3	N	N
Drymarchon couperi (http://www.fnai.org/FieldGuide/pdf/Drymarchon_couperi.pdf) (http://www.natureserve.org/explorer/servlet/NatureServe?searchName=Drymarchon+couperi) (Javascript://)	Eastern Indigo Snake	G3Q	S3	T	FT
Gopherus polyphemus (http://www.fnai.org/FieldGuide/pdf/Gopherus_polyphemus.pdf) (http://www.natureserve.org/explorer/servlet/NatureServe?searchName=Gopherus+polyphemus) (Javascript://)	Gopher Tortoise	G3	S3	C	ST
Heterodon simus (http://www.fnai.org/FieldGuide/pdf/Heterodon_simus.pdf) (http://www.natureserve.org/explorer/servlet/NatureServe?searchName=Heterodon+simus) (Javascript://)	Southern Hognose Snake	G2	S2	N	N
Lampropeltis extenuata (http://www.natureserve.org/explorer/servlet/NatureServe?searchName=Lampropeltis+extenuata) (Javascript://)	Short-tailed Snake	G3	S3	N	ST
Lampropeltis getula (http://www.natureserve.org/explorer/servlet/NatureServe?searchName=Lampropeltis+getula) (Javascript://)	Common Kingsnake	G5	S2S3	N	N
Pituophis melanoleucus (http://www.fnai.org/FieldGuide/pdf/Pituophis_melanoleucus_mugitus.pdf) (http://www.natureserve.org/explorer/servlet/NatureServe?searchName=Pituophis+melanoleucus) (Javascript://)	Pine Snake	G4	S3	N	ST
Plestiodon reynoldsi (http://www.natureserve.org/explorer/servlet/NatureServe?searchName=Plestiodon+reynoldsi) (Javascript://)	Sand Skink	G2	S2	T	FT

Pseudemys concinna suwanniensis (http://www.fnai.org/FieldGuide/pdf/Pseudemys_concinna_suwanniensis.pdf)	(http://www.natureserve.org/explorer/servlet/NatureServe?searchName=Pseudemys+concinna+suwanniensis)	(Javascript://)	Suwannee Cooter	G5T3	S3	N	N
Sceloporus woodi (http://www.fnai.org/FieldGuide/pdf/Sceloporus_woodi.pdf)	(http://www.natureserve.org/explorer/servlet/NatureServe?searchName=Sceloporus+woodi)	(Javascript://)	Florida Scrub Lizard	G2G3	S2S3	N	N

Birds EXPLANATION (ranks.cfm)

Scientific Name			Common Name	Global Rank	State Rank	Federal Status	State Status
Antigone canadensis pratensis	(http://www.natureserve.org/explorer/servlet/NatureServe?searchName=Antigone+canadensis+pratensis)	(Javascript://)	Florida Sandhill Crane	G5T2T3	S2S3	N	ST
Aphelocoma coerulescens (http://www.fnai.org/FieldGuide/pdf/Aphelocoma_coerulescens.pdf)	(http://www.natureserve.org/explorer/servlet/NatureServe?searchName=Aphelocoma+coerulescens)	(Javascript://)	Florida Scrub-Jay	G2	S2	T	FT
Aramus guarauna (http://www.fnai.org/FieldGuide/pdf/Aramus_guarauna.pdf)	(http://www.natureserve.org/explorer/servlet/NatureServe?searchName=Aramus+guarauna)	(Javascript://)	Limpkin	G5	S3	N	N
Athene cunicularia floridana (http://www.fnai.org/FieldGuide/pdf/Athene_cunicularia_floridana.pdf)	(http://www.natureserve.org/explorer/servlet/NatureServe?searchName=Athene+cunicularia+floridana)	(Javascript://)	Florida Burrowing Owl	G4T3	S3	N	ST
Buteo brachyurus (http://www.fnai.org/FieldGuide/pdf/Buteo_brachyurus.pdf)	(http://www.natureserve.org/explorer/servlet/NatureServe?searchName=Buteo+brachyurus)	(Javascript://)	Short-tailed Hawk	G4G5	S1	N	N
Egretta caerulea (http://www.fnai.org/FieldGuide/pdf/Egretta_caerulea.pdf)	(http://www.natureserve.org/explorer/servlet/NatureServe?searchName=Egretta+caerulea)	(Javascript://)	Little Blue Heron	G5	S4	N	ST
Egretta thula (http://www.fnai.org/FieldGuide/pdf/Egretta_thula.pdf)	(http://www.natureserve.org/explorer/servlet/NatureServe?searchName=Egretta+thula)	(Javascript://)	Snowy Egret	G5	S3	N	N
Egretta tricolor (http://www.fnai.org/FieldGuide/pdf/Egretta_tricolor.pdf)	(http://www.natureserve.org/explorer/servlet/NatureServe?searchName=Egretta+tricolor)	(Javascript://)	Tricolored Heron	G5	S4	N	ST
Elanoides forficatus (http://www.fnai.org/FieldGuide/pdf/Elanoides_forficatus.pdf)	(http://www.natureserve.org/explorer/servlet/NatureServe?searchName=Elanoides+forficatus)	(Javascript://)	Swallow-tailed Kite	G5	S2	N	N
Eudocimus albus (http://www.fnai.org/FieldGuide/pdf/Eudocimus_albus.pdf)	(http://www.natureserve.org/explorer/servlet/NatureServe?searchName=Eudocimus+albus)	(Javascript://)	White Ibis	G5	S4	N	N
Falco columbarius	(http://www.natureserve.org/explorer/servlet/NatureServe?searchName=Falco+columbarius)	(Javascript://)	Merlin	G5	S2	N	N
Falco peregrinus	(http://www.natureserve.org/explorer/servlet/NatureServe?searchName=Falco+peregrinus)	(Javascript://)	Peregrine Falcon	G4	S2	N	N

Falco sparverius paulus (http://www.fnai.org/FieldGuide/pdf/Falco_sparverius_paulus.pdf) (http://www.natureserve.org/explorer/servlet/NatureServe?searchName=Falco+sparverius+paulus) (Javascript://)	Southeastern American Kestrel	G5T4	S3	N	ST
Haliaeetus leucocephalus (http://www.fnai.org/FieldGuide/pdf/Haliaeetus_leucocephalus.pdf) (http://www.natureserve.org/explorer/servlet/NatureServe?searchName=Haliaeetus+leucocephalus) (Javascript://)	Bald Eagle	G5	S3	N	N
Laterallus jamaicensis (http://www.natureserve.org/explorer/servlet/NatureServe?searchName=Laterallus+jamaicensis) (Javascript://)	Black Rail	G3G4	S2	N	N
Mycteria americana (http://www.fnai.org/FieldGuide/pdf/Mycteria_americana.pdf) (http://www.natureserve.org/explorer/servlet/NatureServe?searchName=Mycteria+americana) (Javascript://)	Wood Stork	G4	S2	T	FT
Nyctanassa violacea (http://www.natureserve.org/explorer/servlet/NatureServe?searchName=Nyctanassa+violacea) (Javascript://)	Yellow-crowned Night-heron	G5	S3	N	N
Nycticorax nycticorax (http://www.natureserve.org/explorer/servlet/NatureServe?searchName=Nycticorax+nycticorax) (Javascript://)	Black-crowned Night-heron	G5	S3	N	N
Pandion haliaetus (http://www.fnai.org/FieldGuide/pdf/Pandion_haliaetus.pdf) (http://www.natureserve.org/explorer/servlet/NatureServe?searchName=Pandion+haliaetus) (Javascript://)	Osprey	G5	S3S4	N	SSC*
Peucaea aestivalis (http://www.natureserve.org/explorer/servlet/NatureServe?searchName=Peucaea+aestivalis) (Javascript://)	Bachman's Sparrow	G3	S3	N	N
Picoides borealis (http://www.fnai.org/FieldGuide/pdf/Picoides_borealis.pdf) (http://www.natureserve.org/explorer/servlet/NatureServe?searchName=Picoides+borealis) (Javascript://)	Red-cockaded Woodpecker	G3	S2	E	FE
Picoides villosus (http://www.natureserve.org/explorer/servlet/NatureServe?searchName=Picoides+villosus) (Javascript://)	Hairy Woodpecker	G5	S3	N	N
Plegadis falcinellus (http://www.natureserve.org/explorer/servlet/NatureServe?searchName=Plegadis+falcinellus) (Javascript://)	Glossy Ibis	G5	S3	N	N
Rostrhamus sociabilis (http://www.natureserve.org/explorer/servlet/NatureServe?searchName=Rostrhamus+sociabilis) (Javascript://)	Snail Kite	G4G5	S2	E	N

Mammals	EXPLANATION (ranks.cfm)				
Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
Corynorhinus rafinesquii (http://www.fnai.org/FieldGuide/pdf/Corynorhinus_rafinesquii.pdf) (http://www.natureserve.org/explorer/servlet/NatureServe?searchName=Corynorhinus+rafinesquii) (Javascript://)	Rafinesque's Big-eared Bat	G3G4	S2	N	N
Mustela frenata olivacea (http://www.natureserve.org/explorer/servlet/NatureServe?searchName=Mustela+frenata+olivacea) (Javascript://)	Southeastern Weasel	G5T4	S3?	N	N