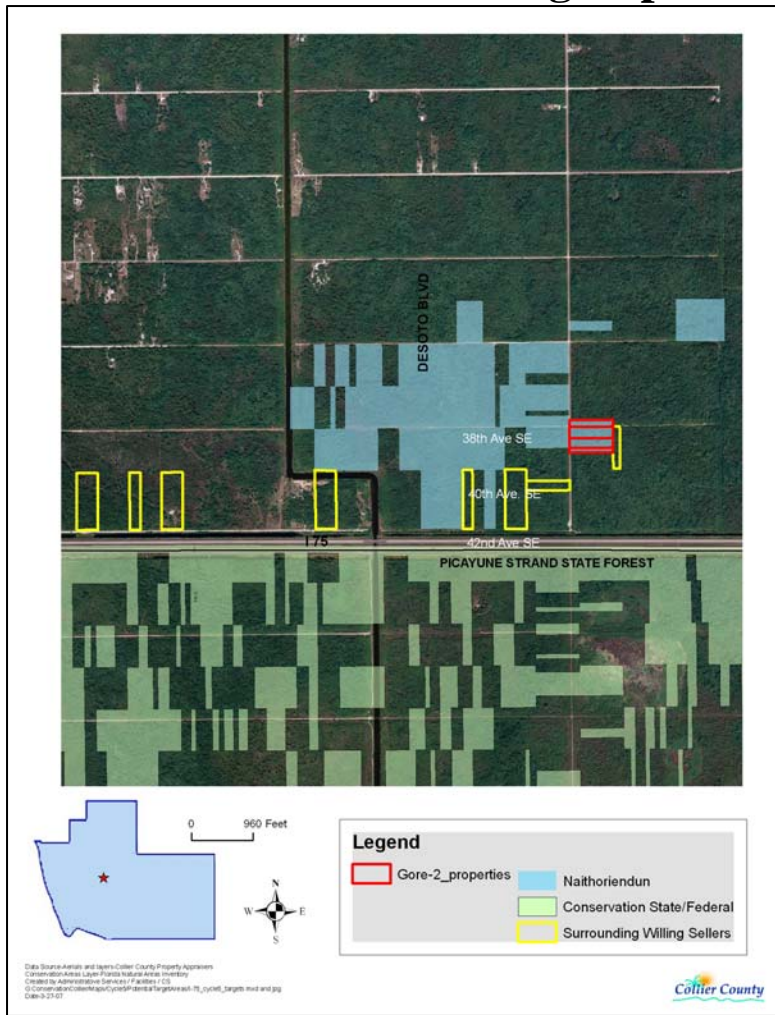


Conservation Collier Initial Criteria Screening Report



Property Name: Gore-2 Properties
Folio Numbers: 41507160004, 41507200003, 41507320006, 41507080003

Staff Report Date: July 9, 2007

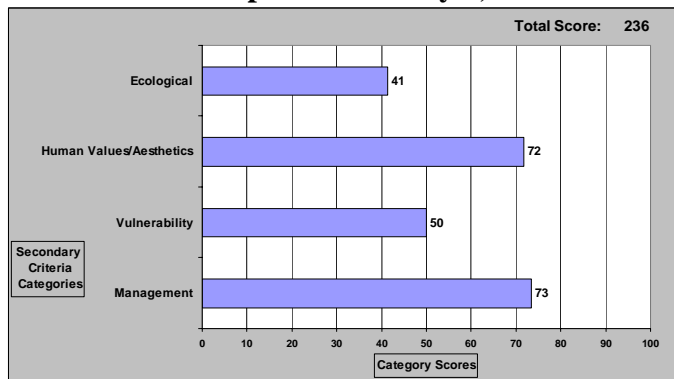


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C.	Species Richness Map
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E.	Completed and Scored Secondary Criteria Screening Form
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I. Summary of Property Information

The purpose of this section is to provide information concerning the subject property describing its various physical characteristics and other general information.

Table 1. Summary of Property Information

Characteristic	Value	Comments
Name	Gore-2	Local owner
Folio Numbers	41507160004 41507200003 41507320006 41507080003	2.81 ac 2.27 ac 1.17 ac 1.64 ac
Target Protection Area	NGGE	Located in NGGE Unit 91 – along 42nd Ave. SE, west of Desoto Blvd. Part of the I-75 group of lands
Size	4 lots	Total acreage offered - 7.89 acres
STR	S33 T49 R 28	All parcels in same STR
Zoning Category/TDRs	Estates No TDRs	n/a
FEMA Flood Map Category	D	This is an area where flood hazards are undetermined. This designation may change in late summer to fall of 2007 as FEMA models are calibrated and adopted.
Existing structures	None	n/a
Adjoining properties and their Uses	Estates residential	Undeveloped NGGE lots
Development Plans	None known	Searched county computer system
Known Property Irregularities	Possible historic site	Owner advises that site may contain rail lines and turn around for Tidewater Cypress rail line, hauling cypress from the Picayune forest area west to market
Other County Dept Interest	Facilities, Utilities, Solid Waste, Transportation, Parks and Recreation	This group of parcels is within the target area for a raw water well site, but it is not of immediate interest. No other County Dept. besides Utilities has expressed interest.

Figure 1. Location Map

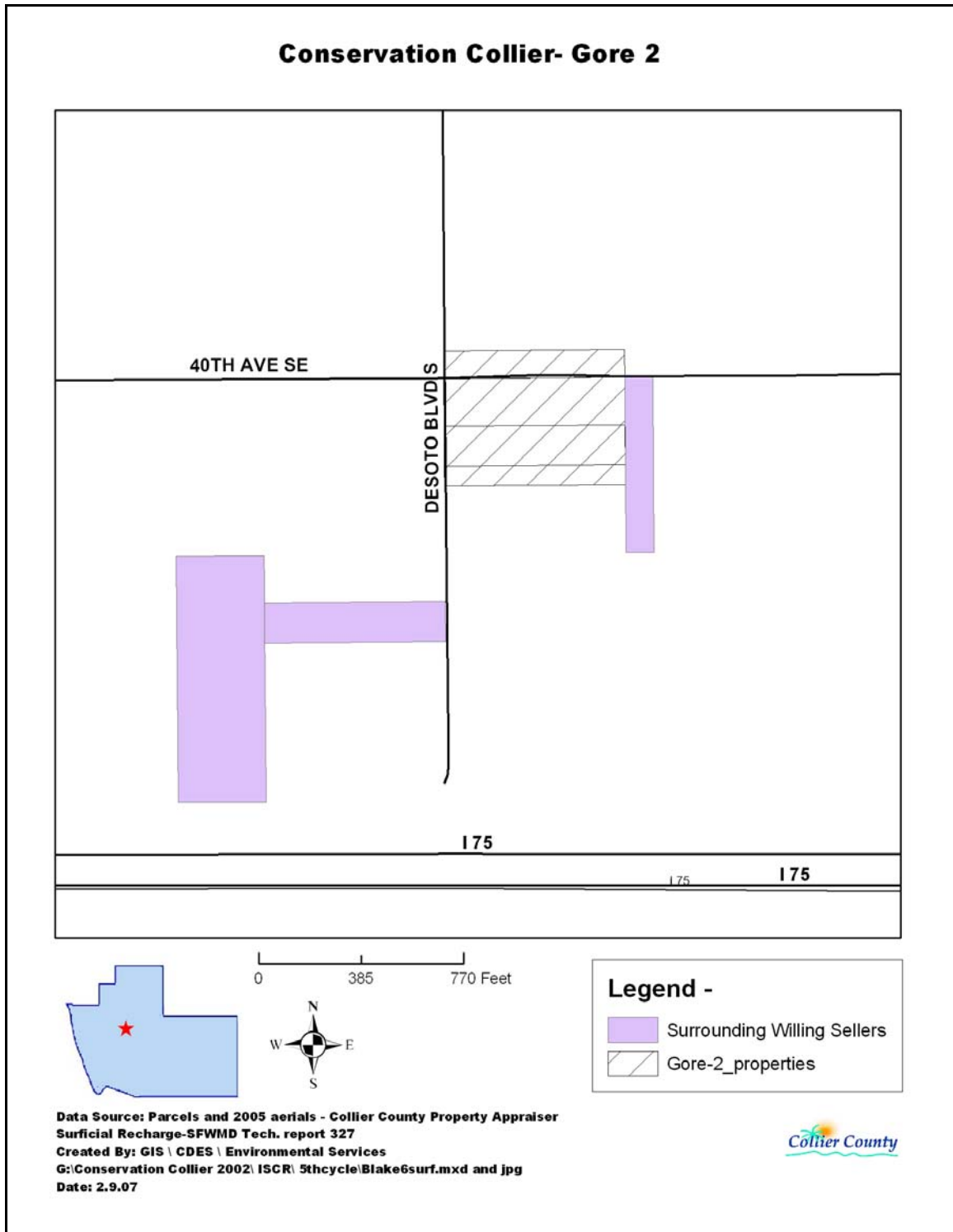


Figure 2. Aerial Map

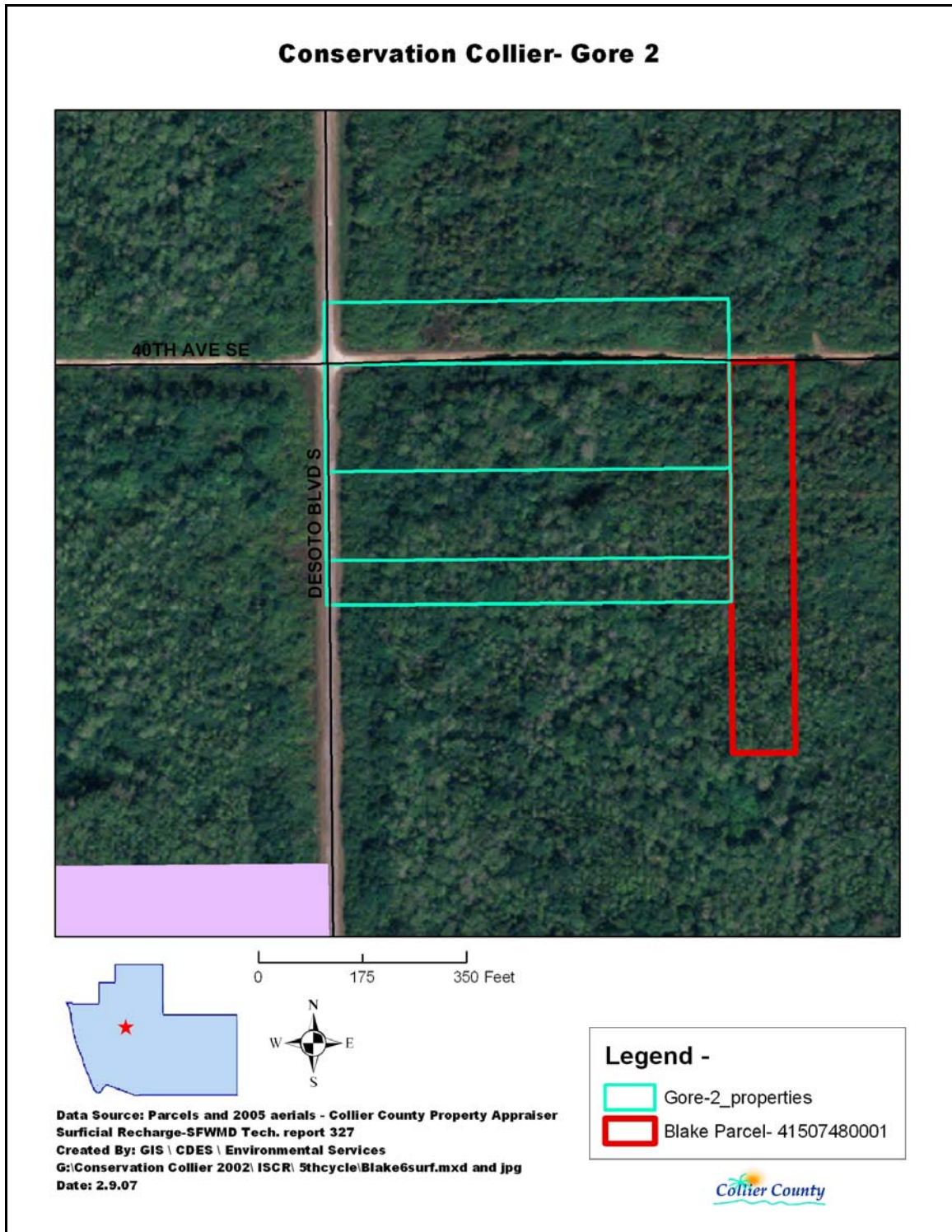
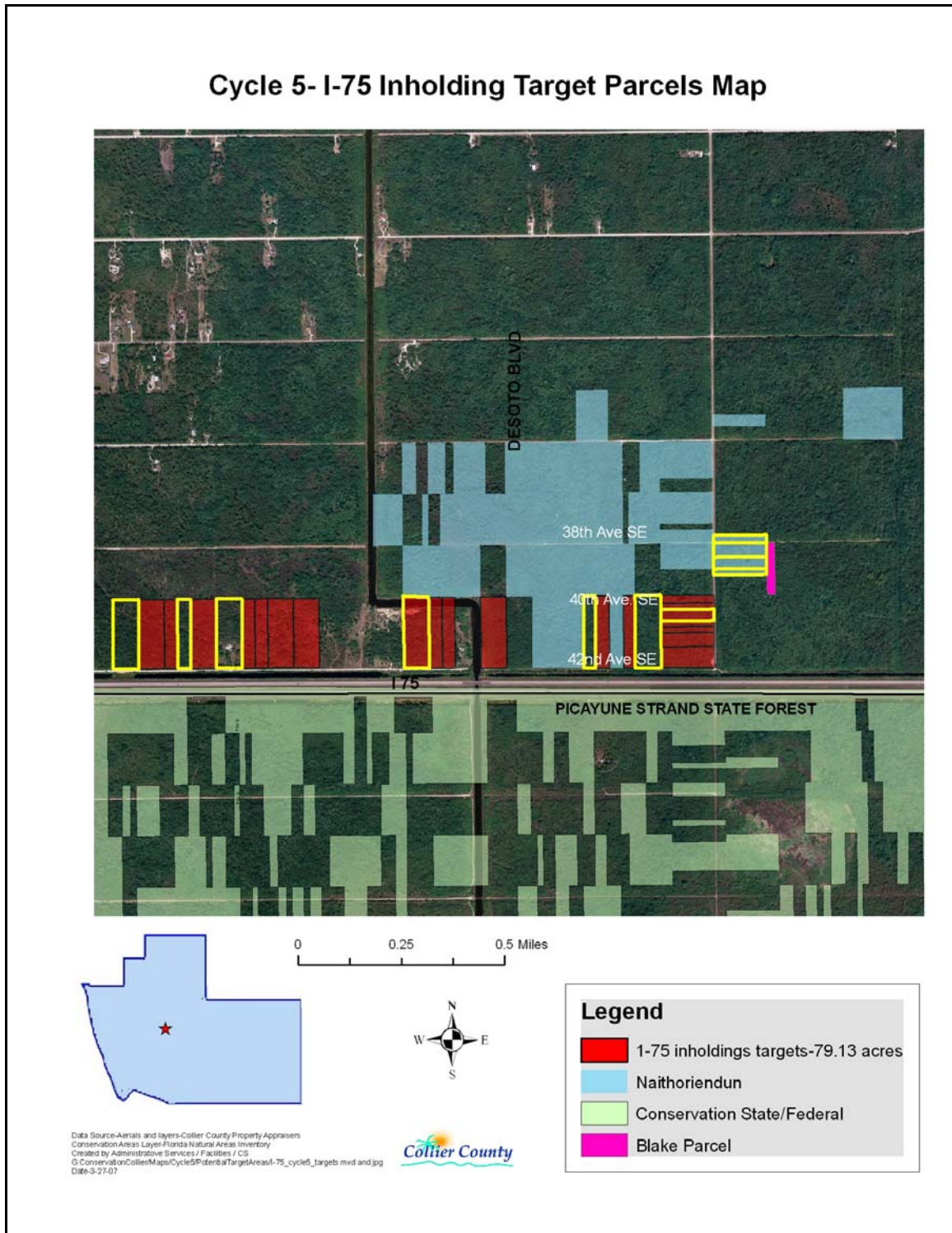


Figure 3. Surrounding Lands Aerial



Summary of Assessed Value and Property Costs Estimates

The interest being valued for this estimate is fee simple for the purchase of the site, and the value of this interest is subject to the normal limiting conditions and the quality of market data. A value of the parcel was **estimated** using three traditional approaches, cost, income capitalization and sales comparison. Each is based on the principal of substitution that an informed purchaser would pay no more for the rights in acquiring a particular real property than the cost of acquiring, without undue delay, an equally desirable one. Three properties from within 3 miles of this property were selected for comparison, each with similar site characteristics, utility availability, zoning classification and road access. No inspection was made of the property or comparables used in the report and the Real Estate Services Department staff relied upon information provided by program staff. Conclusions are limited only by the reported assumptions and conditions that no other known or unknown adverse conditions exist. Pursuant to the Conservation Collier Purchase Policy, one appraisal is required.

Assessed Value: *

41507160004	– 2.81 ac - \$24,728
41507200003	– 2.27 ac - \$19,976
41507320006	– 1.17 ac - \$10,296
41507080003	– <u>1.64 ac - \$14,432</u>
	7.89 ac \$69,432

Estimated Market Value: **

41507160004	– 2.81 ac - \$78,680
41507200003	– 2.27 ac - \$63,560
41507320006	– 1.17 ac - \$32,760
41507080003	– <u>1.64 ac - \$45,920</u>
	7.89 ac-\$220,920

“ESTIMATED MARKET VALUE” IS SOLELY AN ESTIMATE OF VALUE PROVIDED BY COLLIER COUNTY REAL ESTATE SERVICES DEPARTMENT STAFF AND SHOULD NOT BE RELIED UPON BY ANY ENTITY.

* Property Appraiser’s Website

** Collier County Real Estate Services Department – Projected to December 1, 2007

II. Statement for satisfying Initial Screening Criteria, Including Biological and Hydrological Characteristics

Collier County Environmental Resources Department staff conducted a site visit on May 7, 2007.

MEETS INITIAL SCREENING CRITERIA Yes – meets 5 out of 6

1. Are any of the following unique and endangered plant communities found on the property? Order of preference as follows: Ord. 2002-63, Sec. 10 (1)(a) **Yes**

i. Hardwood hammocks	No
ii. Xeric oak scrub	No
iii. Coastal strand	No
iv. Native beach	No
v. Xeric pine	No
vi. Riverine Oak	No
vii. High marsh (saline)	No
viii. Tidal freshwater marsh	No
ix. Other native habitats	Yes – Wetland Coniferous forest

Vegetative Communities:

Staff used two methods to determine native plant communities present; review of South Florida Water Management District (SFWMD) electronic databases for Department of Transportation's Florida Land Use, Cover and Forms (FLUCCS) (1994/1995) and field verification of same.

FLUCCS:

The electronic database identified:

- 624 – Wetland Coniferous Forest

The following native plant communities were observed:

- 624 – Wetland Coniferous Forest

Characterization of Plant Communities present:

Ground Cover: Ground cover vegetation was sparse, but included the following: sword fern (*Nephrolepis cordifolia*), swamp fern (*Blechnum serrulatum*), strap fern (*Campyloneurum sp.*), pepper vine (*Ampelopsis arborea*), and match head (*Phyla nodiflora*).

Midstory: Vegetation present in the midstory included, in order of dominance: Myrsine (*Myrsine floridana*), wild coffee (both *Psychotria nervosa* and *P. sulzneri*), wax myrtle

(*Myrica cerifera*), buttonbush (*Cephalanthus occidentalis*), swamp dogwood (*Cornus foemina*), and rouge plant (*Rivina humilis*).

Canopy: Canopy vegetation included, in the following order of dominance: cypress (*Taxodium distichum*), red maple (*Acer rubrum*), laurel oak (*Quercus laurifolia*), cabbage palm (*Sabal palmetto*), bay (*Persea sp.*), pop ash (*Fraxinus caroliniana*), and willow (*Salix caroliniana*).

Statement for satisfaction of criteria: This data indicates that native plant communities do exist on the parcels. The plants observed on the property are those one would expect to find in a wetland coniferous forest.

-
2. *Does land offer significant human social values, such as equitable geographic distribution, appropriate access for nature-based recreation, and enhancement of the aesthetic setting of Collier County?* Ord. 2002-63, Sec. 10 (1)(b) **Yes**

Statement for satisfaction of criteria: This property is located in a part of the Northern Golden Gate Estates where Conservation Collier does not own other lands, but has, including this group of properties, 11 willing sellers for approximately 75 contiguous acres, with potential for acquiring another 100+ contiguous acres from one seller. There is paved road access to many of the parcels. There is potential for hiking, nature viewing and photography on these parcels.

-
3. *Does the property offer opportunities for protection of water resource values, including aquifer recharge, water quality enhancement, protection of wetland dependant species habitat, and flood control?* Ord. 2002-63, Sec. 10 (1)(c) **Yes**

General Hydrologic Characteristics observed and description of adjacent upland /wetland buffers: General hydrologic characteristics observed by staff include wetland dependent plants, cypress knees, some reaching a height of 6 feet, water marks on cypress trunks indicating water has reached up to 2 feet, and significant buttressing of cypress trunks indicating the trees grew in periodically flooded soils.

Wetland dependent plant species (OBL/ FACW) observed:

OBL	FACW
swamp bay (<i>Persea sp</i>)	swamp fern (<i>Blechnum serrulatum</i>)
pop ash (<i>Fraxinus caroliniana</i>)	laurel oak (<i>Quercus laurifolia</i>)
carolina willow (<i>Salix caroliniana</i>)	red maple (<i>Acer rubrum</i>)
buttonbush (<i>Cephalanthus occidentalis</i>)	
swamp dogwood (<i>Cornus foemina</i>)	

Wetland dependent wildlife species observed:

No wetland dependent wildlife species were observed during the site visit.

Other Hydrologic indicators observed: Cypress knees (up to 6 feet in height), buttressing of cypress trunks, and water lines on cypress trunks up to approximately 2 feet in height were observed.

Soils:

Soils data is based on the Soil Survey of Collier County Area, Florida (USDA/NRCS, 1990). Mapped soils are 90% Boca Riviera, Limestone substratum and Copeland Fine Sand, a depressional soil type associated with cypress swamps and marshes. Typical vegetation for this soil type includes cypress, pickerelweed, rushes, fireflag, sawgrass and Florida willow. These soils are located in natural wetlands and typically serve as collecting basins for the surrounding area. Observed conditions and plant communities indicate that while these lands do periodically hold surface water, they may be less wet than prior to development of the Golden Gate Estates. The remaining 10% of the parcels, along the eastern edge, are mapped as Hallandale and Boca Fine Sands, a wetland slough soil. In this soil type, the seasonal high water table is typically within 12 inches of the surface with flowing surface water common in periods of heavy rainfall. The remainder of the year, the water table recedes below 12 inches to a depth of more than 40 inches in times of drought. Natural vegetation consists of cypress, sand cord grass, wax myrtle and maidencane grass. Except for cypress, this vegetation was not present, indicating hydrologic changes have occurred over time.

Lower Tamiami recharge Capacity: Recharge capacity for the Lower Tamiami aquifer is mapped as minimal at 0-7" inches annually.

Surficial Aquifer Recharge Capacity:

Recharge capacity for the surficial aquifer is mapped as moderate, at 43 to 65" annually.

Federal Emergency Management Agency (FEMA) flood map designation:

The current property is mapped by FEMA as within Flood Zone D. This is an area where flood hazards are undetermined. There is a remapping effort underway for the North Golden Gate Estates (NGGE), with potential for change of some flood zone designations. Preliminary modeling is due to be completed in late summer or fall of 2007.

Statement for satisfaction of criteria: Data and observations indicate this area is a wetland, and will provide habitat for wetland dependent species. Aquifer recharge is primarily to the surficial aquifer, but there is some potential for deeper aquifer recharge. The properties have historically flooded during rainy season. Development of NGGE roads and canals likely dropped the water table in this area, but the presence of wetland dependent plants indicates the area still periodically floods. A large contiguous area of open lands available to accept seasonal high water may provide some flood protection for developed NGGE lots to the north.

4. *Does the property offer significant biological values, including biodiversity, listed species habitat, connectivity, restoration potential and ecological quality?* Ord. 2002-63,

Sec. 10 (1)(d)

Yes

Listed Plant Species:

Listed plant species include those found on either the federal Endangered and Threatened Wildlife and Plants 50 CFR 17.11 and 17.12, December 1999 (FWS) or the Florida Department of Agriculture, August 1997 (FDA).

The following listed plant species were observed:

COMMON NAME	SCIENTIFIC NAME	STATUS	
		STATE	FEDERAL
Common wild pine	<i>Tillandsia fasciculata</i>	E	n/a

E=Endangered,

Listed Wildlife Species:

Listed wildlife species include those found on either the federal Endangered and Threatened Wildlife and Plants 50 CFR 17.11 and 17.12, December 1999 (FWS) or the state Florida Fish and Wildlife Conservation Commission (FWCC) (formerly the Florida Game and Freshwater Fish Commission), August 1997 (identified on official lists as GFC).

No listed species were observed. Mapped panther telemetry points as recent as 2005 exist for surrounding properties.

No bird rookery was observed. A Northern parula (*Parula Americana*) was heard calling.

FWCC-derived species richness score: This group of parcels is mapped at mostly 7 out of 10, with less than 25% mapped as 6 out of 10, indicating moderate potential for species richness.

Non-listed species observed: No wildlife was observed.

Potential Listed Species:

The observed habitat and location would support the presence of the following listed species: Florida panther (*Felis concolor coryi*) and Florida black bear (*Ursus americanus*). There is an anecdotal report of a 120 lb. male Florida panther roaming and hunting in the area.

Statement for satisfaction of criteria: The property, if purchased along with surrounding parcels, does offer significant biological values, including biodiversity, listed species habitat, connectivity, restoration potential and ecological quality. While no wildlife species were directly observed, the site visit occurred prior to seasonal flooding, which is when the wetlands are likely used the most by wildlife for foraging. Mapped panther telemetry points indicate that panthers do routinely move through the area.

5. Does the property enhance and/or protect the environmental value of current conservation lands through function as a buffer, ecological link or habitat corridor? *Yes*
Ord. 2002-63, Sec. 10 (1)(e)

Statement for satisfaction of criteria: These parcels are within an historic wetland slough that connects with the Florida Panther National Wildlife Refuge, about 2 miles to the east, via the Harley Davidson Test Track, a mostly undeveloped 531-acre property. The Harley Davidson Test Track is fenced and movement of wildlife across property is discouraged due to the danger the track poses to wildlife, however, mapped panther telemetry points and sightings of wildlife by Harley Davidson staff indicate the property is accessible to and used by wildlife. The owner of these parcels also owns approximately 196 acres contiguous with these offered parcels. That acreage is maintained as a wildlife sanctuary, though it is not under formal conservation protection.

Is the property within the boundary of another agency's acquisition project?

No

If yes, will use of Conservation Collier funds leverage a significantly higher rank or funding priority for the parcel?

No

Without such funding circumstances, Conservation Collier funds shall not be available for purchase of these lands. Ord. 2002-63, Sec. 10 (1)(f)

III. Potential for Appropriate Use and Recommended Site Improvements

Potential Uses as Defined in Ordinance 2002-63, section 5.9:

Hiking: These properties would provide some opportunity for hiking once a trail is developed. Alone, the opportunity is limited, however, if other adjoining properties area were acquired, a significant sized trail could be developed.

Nature Photography: These properties would provide opportunities for nature photography.

Bird-watching: This property provides limited opportunity for bird watching, as the vegetation is very thick. If the invasive exotic vegetation were to be removed this would increase.

Kayaking/Canoeing: This property does not provide opportunities for kayaking or canoeing.

Swimming: This property does not provide opportunity for swimming.

Hunting: Hunting is not permitted within the Golden Gate Estates.

Fishing: This property does not provide opportunity for fishing.

Recommended Site Improvements: Create a trail system connecting this with other acquired properties in the area.

IV. Assessment of Management Needs and Costs

Management of this property will address the costs of exotic vegetation removal and control, and the construction of a trail system to allow the public to have access to selected portions of the property. The following assessment addresses both the initial and recurring costs of management. These are very preliminary estimates; Ordinance 2002-63 requires a formal land management plan be developed for each property acquired by Conservation Collier.

Exotic, Invasive Plants Present:

Brazilian pepper, heaviest along 40th Ave. SE and Desoto Blvd., but scattered throughout.

Exotic Vegetation Removal and Control

The initial cost of exotic removal would be substantial due to the amount present and density of the vegetation. Based on cost estimates provided by a contractor who routinely contracts with the County parks and Recreation Department for exotic removal, costs for the **level of infestation observed (30-40%)** to treat exotics with herbicide in place or to cut and stack the debris onsite would be approximately **\$21,000**. To cut, treat the stumps and remove the debris to a waste facility would triple the costs to an estimated **\$63,000**.

Costs for follow-up maintenance, done anywhere from quarterly to annually have been estimated at \$1,500 per acre, per year for a total of **\$10,500** for 7 acres. These costs would likely decrease over time as the soil seed bank is depleted.

Public Parking Facility:

The property would require an area for visitor parking. The goal would be to construct a small parking area that could serve a number of contiguous properties in the area. Physical access to these parcels is from Desoto Blvd. or 40th Ave. SE. There is currently room to park along both roads. The cost of construction of a shell or gravel parking lot to accommodate approximately 10 cars would be approximately \$25,000. Associated costs could include

- Land clearing
- Design
- Permitting costs

Public Access Trails:

Simple dirt trails can be constructed using a combination of contract and volunteer labor. Rough trails can be cleared as part of initial exotic removal, providing access for contractors. There is potential to use the Sheriff's weekend work groups or Boy Scouts to remove brush and create a trail.

Security and General Maintenance: It would be most desirable to fence a group of properties in this area, instead of just these parcels. Barbed wire fencing around the

outside of the properties would identify boundaries, discourage dumping and unauthorized access, but permit the free movement of wildlife. Field fencing, similar to that used by FL DOT along I-75 can also be used. Cost including installation for this type of fencing as approx. \$3.00 per foot. Gates are approx \$250.00. Signs can be placed at boundaries along public roads. Minimal management activities, like trash removal and trail maintenance can be accomplished using contracted labor.

Table 2. Summary of Estimated Management Needs and Costs

Management Element	Initial Cost	Annual Recurring Costs	Comments
Exotics Control	\$21,000	\$10,500	Treat in place or cut and stack.
Parking Facility	\$25,000	t.b.d.	One parking lot for the area.
Access Trails/ ADA	n/a	t.b.d.	Trails would be developed by exotic contractors and could be expanded by volunteers.
Fencing	\$5,000	t.b.d	. \$3.00 per foot – approx 1,400 feet on north and south boundary Gates – 2 @ \$250 ea
Trash Removal	n/a	t.b.d	No existing solid waste observed. The need for trash removal would come from visitor use in the future. Uncertain of future costs.
Signs	\$400	t.b.d.	2 @3' X 1.5' metal on post – uninstalled \$200 each
Total	\$51,400+	\$10,500+	

t.b.d. To be determined; cost estimates have not been finalized.

V. Potential for Matching Funds

The primary partnering agencies for conservation acquisitions, and those identified in the ordinance are the Florida Communities Trust (FCT), The Florida Forever Program and the Save Our Rivers Program. The following highlights potential for partnering funds, as communicated by agency staff:

Florida Communities Trust:

Potential does exist for a grant; however, these grants are offered on a yearly cycle and are rarely coordinated with purchases to provide up-front partner funding. Application is typically made for pre-acquired sites. Each recipient is limited to a maximum of ten percent (10%) of the available bond proceeds. For the 2007 funding cycle the award limit per recipient, per cycle, was \$6.6 million. The next funding cycle closes in June of 2008. Multiple applications may be made, as long as the total amount requested does not exceed the 10% award maximum. Collier County, with a population exceeding 75,000, is required to provide a minimum match of twenty-five percent (25%) of the total for each project cost.

A cursory test scoring of this parcel with FCT criteria by staff gives this parcel a score of **75 out of a possible 320 points**, too low to be selected for funding.

Florida Forever Program:

Staff was verbally advised that the Florida Forever Program is concentrating on larger, more rural parcels, unless those parcels are inside an existing acquisition boundary. This parcel is not inside a Florida Forever project boundary.

Save Our Rivers Program / South Florida Water Management District:

These parcels are not within a SFWMD project boundary. Funding partnerships are unlikely unless that is the case.

Other potential Partner Funding Sources

None known at present.

VI. Summary of Secondary Screening Criteria

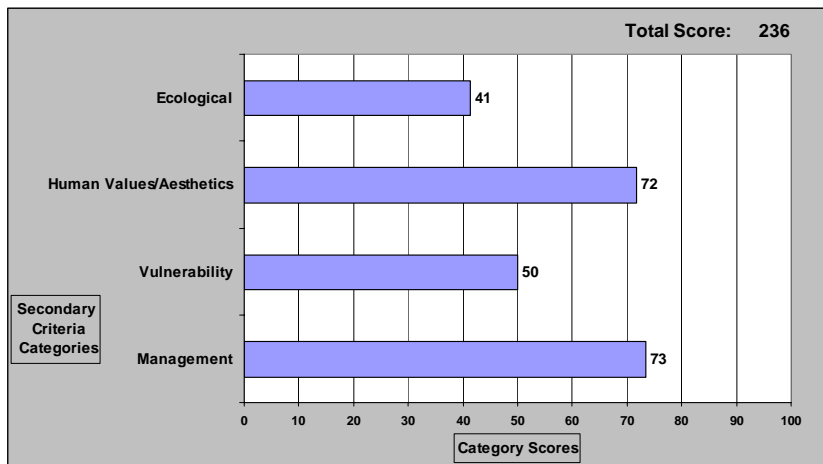
Staff has scored property on the Secondary Criteria Screening Form and attached the scoring form as Exhibit E. A total score of **236 out of a possible 400** was achieved. The chart and graph below show a breakdown of the specific components of the score.

Table 3. Tabulation of Secondary Screening Criteria

Secondary Screening Criteria	Possible Points	Scored Points	Percent of Possible Score
Ecological	100	41	41%
Human Values/Aesthetics	100	72	72%
Vulnerability	100	50	50%
Management	100	73	73%
Total Score:	400	236	59%

Percent of Maximum Score: 59%

Figure 4. Secondary Screening Criteria Scoring



Summary of factors contributing to score

Total Score; 236 out of 400

Ecological - 48 out of 100:

This group of parcels scored slightly below average in the ecological section. While the property contains a native wetland forest, it is not one of the targeted plant communities. Soils, plants and other hydrologic indicators show it to be a seasonal wetland, contributing moderately to the surficial aquifer and minimally to the Lower Tamiami aquifer. According to mapped biodiversity scores, the properties have a slightly higher than average potential for biodiversity. Florida panther telemetry points from as recent as 2005 are mapped on adjacent lands. Parcels are part of a larger private wildlife sanctuary that may be offered to Conservation Collier in the future.

Human Values/Aesthetics – 72 out of 100:

These parcels scored well in the human values section primarily due to the ability for the public to see almost half of the perimeter from a public road and because there is access from a paved public road – Desoto Blvd. Hiking and nature photography are possible uses, though the vegetation is very dense and trails would need to be created.

Vulnerability – 50 out of 100:

One single family home could be built on each of these parcels for a total of 4 potential homes. No development plans have been submitted to the County.

Management – 73 out of 100:

The above average score in this section is due to lack of alterations anticipated as necessary to sustain the properties' hydrologic characteristics. The score was depressed by the infestation with Brazilian pepper and surrounding undeveloped parcels that represent a significant seed source. The area would not be managed by fire, and minimal maintenance beyond exotic plant removal is anticipated, though trails created in dense vegetation would need to be maintained regularly.

Parcel Size – 7.89 acres:

While parcel size was not scored, the ordinance advises that based on comparative size, the larger of similar parcels is preferred. This group of parcels is similar in size to other offered parcels in the I-75 acquisition area.

Exhibit A. FLUCCs Map

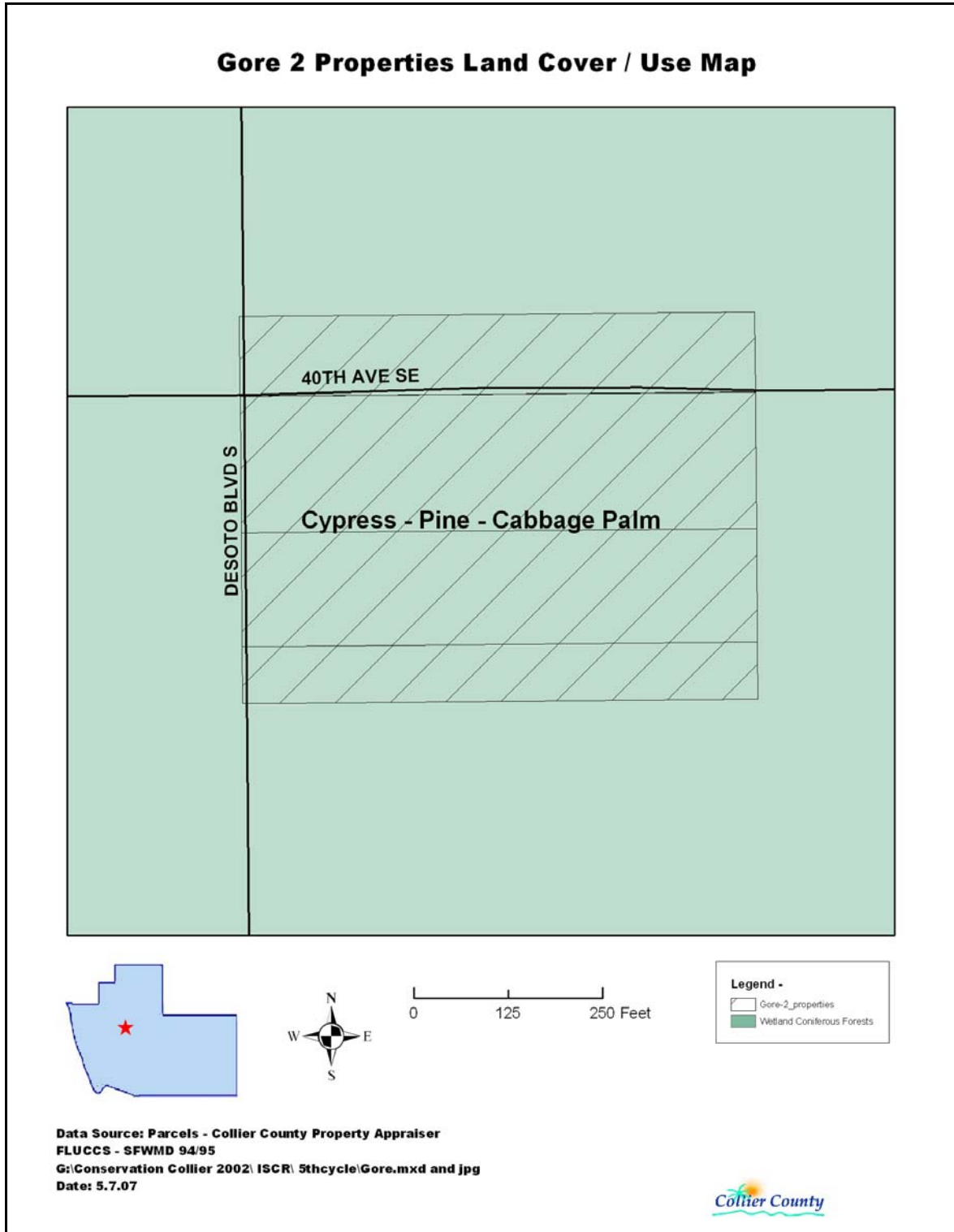


Exhibit B. Soils Map

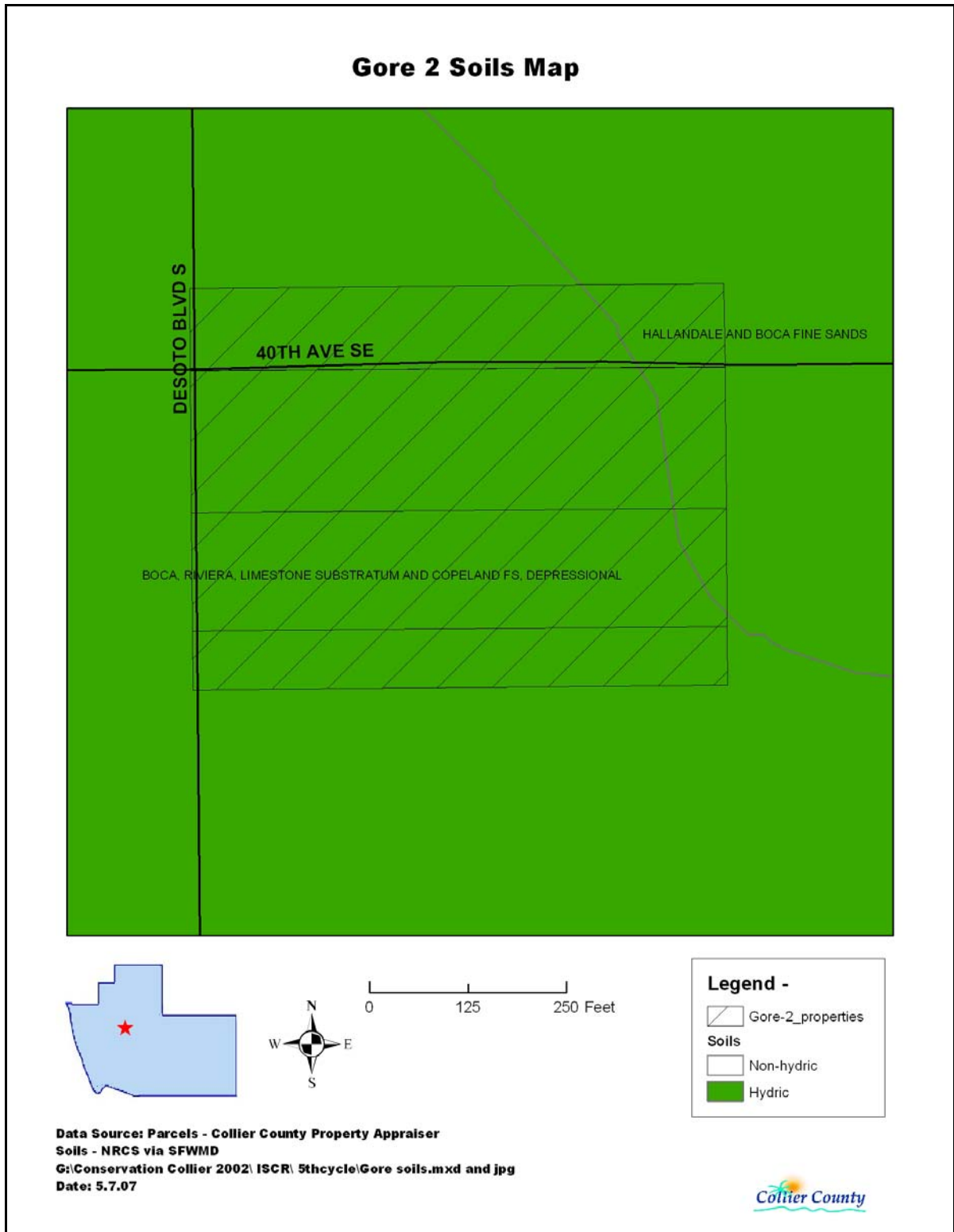


Exhibit C. Species Richness Map

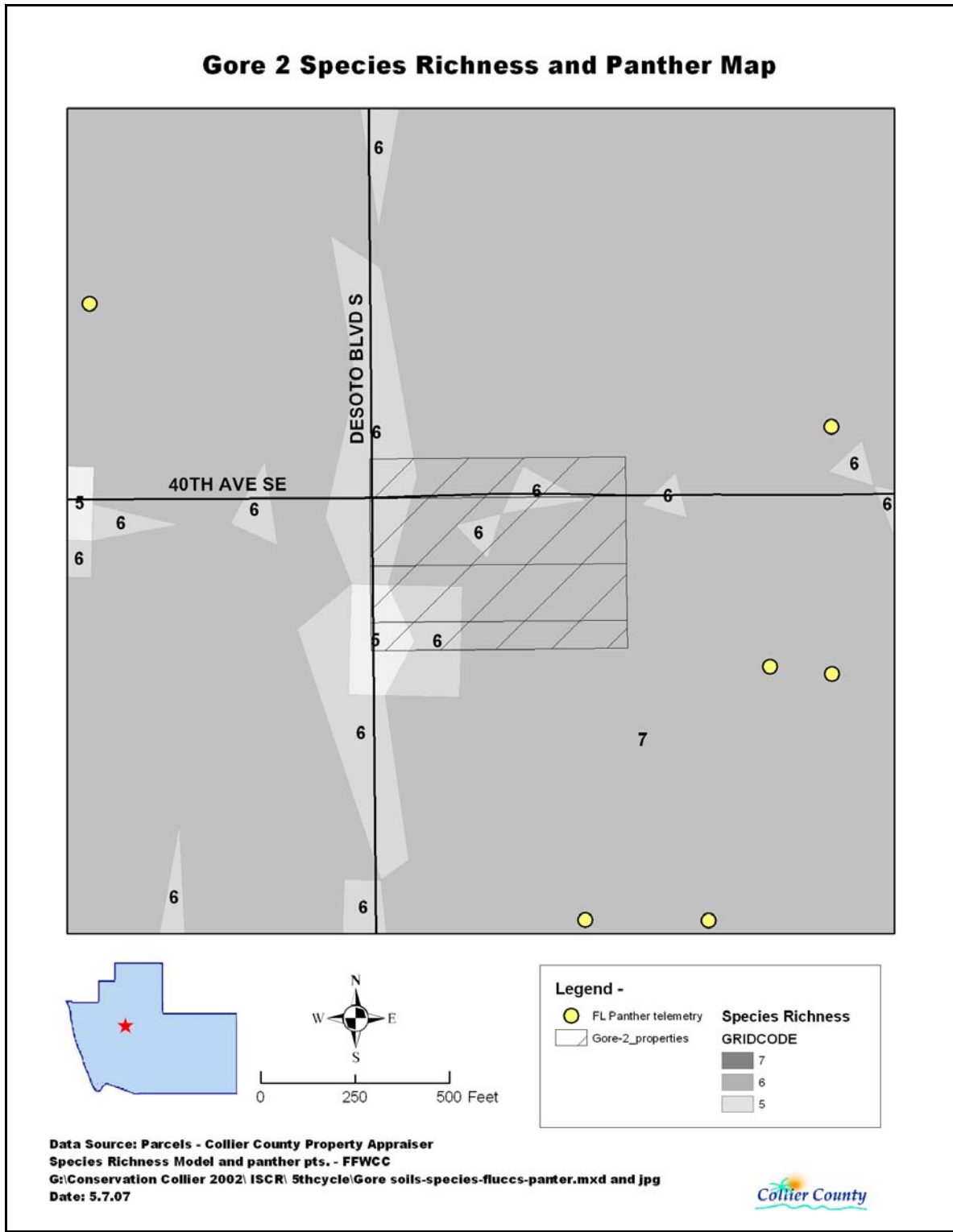
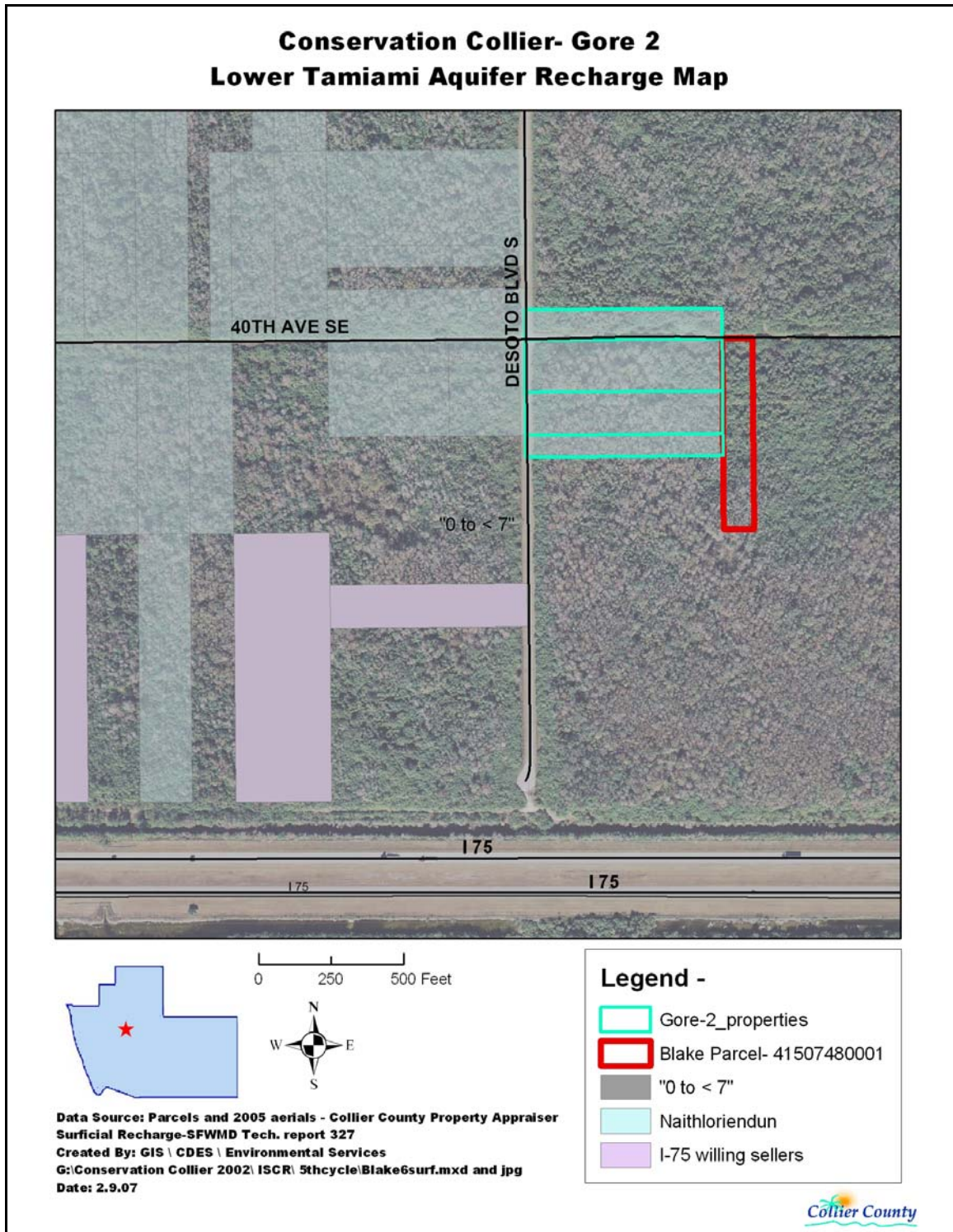
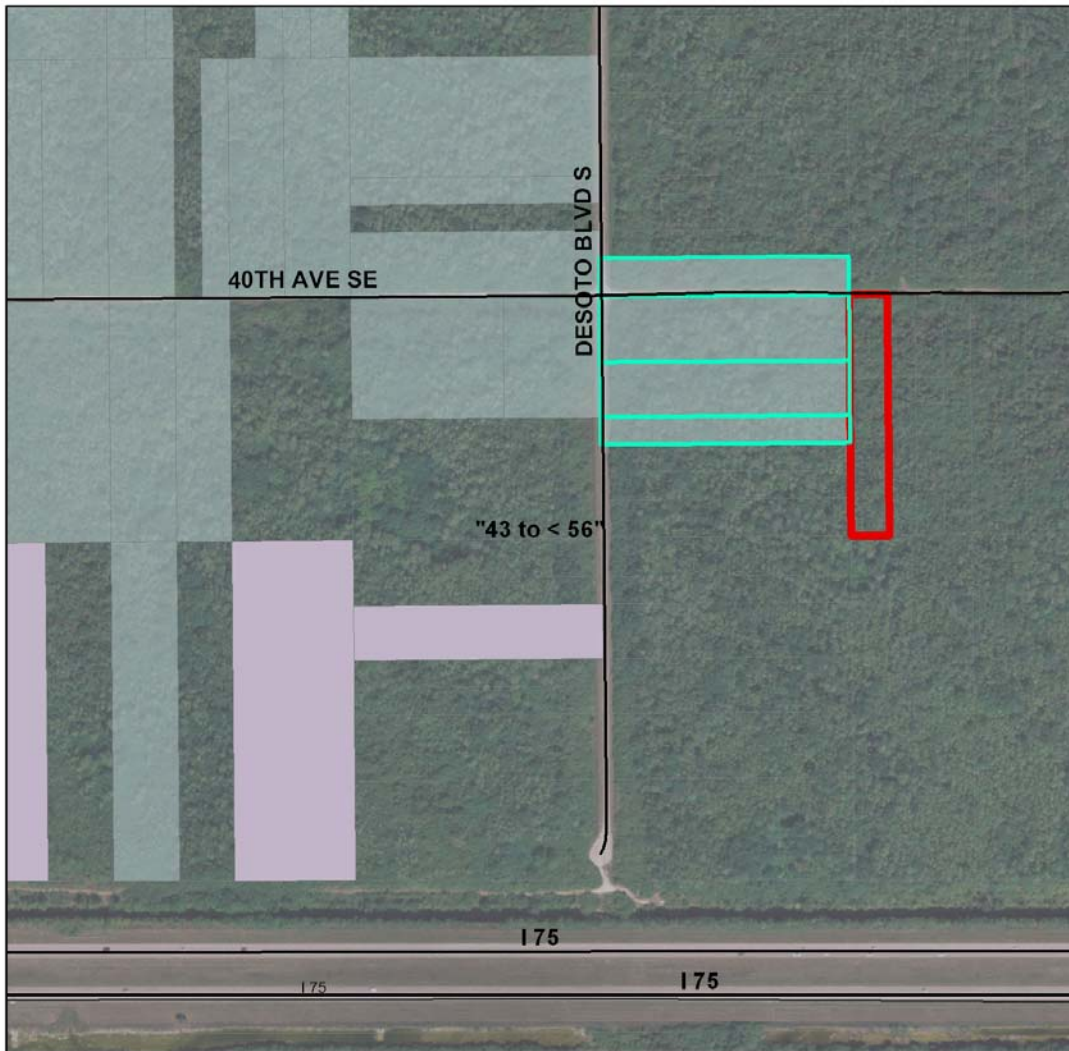


Exhibit D. Wellfield Protection and Aquifer Recharge Maps



Conservation Collier- Gore 2 Surficial Aquifer Recharge Map



0 250 500 Feet



Legend -

- Gore-2_properties
- Blake Parcel- 41507480001
- "43 to < 56"
- Naithloriendun

Data Source: Parcels and 2005 aeriels - Collier County Property Appraiser
Surficial Recharge-SFWMD Tech. report 327
Created By: GIS \ CDES \ Environmental Services
G:\Conservation Collier 2002\ ISCR\ 5thcycle\Blake6surf.mxd and jpg
Date: 2.9.07



Exhibit E. Completed and Scored Secondary Criteria Screening Form

Property Name: Gore-2			Folio Numbers: 41507160004, 41507200003, 41507320006, 41507080003
Geographical Distribution (Target Protection Area): NGGE			
1. Confirmation of Initial Screening Criteria (Ecological)			
1.A Unique and Endangered Plant Communities	Possible points	Scored points	Comments
<i>Select the highest Score:</i>			
1. Tropical Hardwood Hammock	90		
2. Xeric Oak Scrub	80		
3. Coastal Strand	70		
4. Native Beach	60		
5. Xeric Pine	50		
6. Riverine Oak	40		
7. High Marsh (Saline)	30		
8. Tidal Freshwater Marsh	20		
9. Other Native Habitats	10	10	Wetland Coniferous Forest (FLUCCS 620)
10. Add additional 5 points for each additional listed plant community found on the parcel	5 each		
11. Add 5 additional points if plant community represents a unique feature, such as maturity of vegetation, outstanding example of plant community, etc.	5		
1.A. Total	100	10	
1.B Significance for Water Resources	Possible points	Scored points	Comments
<i>1. Aquifer Recharge (Select the Highest Score)</i>			
a. Parcel is within a wellfield protection zone	100		
b. Parcel is not in a wellfield protection zone but will contribute to aquifer recharge	50	50	0-7" Lower Tamiami aquifer; 43-56" surficial aquifer
c. Parcel would contribute minimally to aquifer recharge	25		
d. Parcel will not contribute to aquifer recharge, eg., coastal location	0		
<i>2. Surface Water Quality (Select the Highest Score)</i>			
a. Parcel is contiguous with and provides buffering for an Outstanding Florida Waterbody	100		
b. Parcel is contiguous with and provides buffering for a creek, river, lake or other surface water body	75		
c. Parcel is contiguous with and provides buffering for an identified flowway	50		
d. Wetlands exist on site	25	25	soils are 100% hydric
e. Acquisition of parcel will not provide opportunities for surface water quality enhancement	0		
<i>3. Strategic to Floodplain Management (Calculate for a and b; score c if applicable)</i>			
a. Depressional soils	80	72	90% depressional soils - Boca Riviera Copeland FS (25)
b. Slough Soils	40	4	10% slough soils - Hallandale and Boca FS (49)
c. Parcel has known history of flooding and is likely to provide onsite water attenuation	20	20	watermarks on cypress indicate approx. 2'
Subtotal	300	171	
1.B Total	100	57	<i>Obtained by dividing the subtotal by 3.</i>
1.C Resource Ecological/Biological Value	Possible points	Scored points	Comments
<i>1. Biodiversity (Select the Highest Score for a, b and c)</i>			
a. The parcel has 5 or more FLUCCS native plant communities	100		
b. The parcel has 3 or 4 FLUCCS native plant communities	75		
c. The parcel has 2 or less FLUCCS native plant communities	50		
d. The parcel has 1 FLUCCS code native plant communities	25	25	Wetland Coniferous Forest (FLUCCS 620)
<i>2. Listed species</i>			
a. Listed wildlife species are observed on the parcel	80		<i>If a. or b. are scored, then c. Species Richness is not scored.</i>
b. Listed wildlife species have been documented on the parcel by w	70		<i>Provide documentation source -</i>
c. Species Richness score ranging from 10 to 70	70	49	<i>Score is prorated from 10 to 70 based on the FFWCC Species Richness map - Mapped at 7 out of 10. 7X7=49</i>
d. Rookery found on the parcel	10		
e. Listed plant species observed on parcel - add additional 20 points	20	20	<i>Tillandsia fasciculata</i>

Exhibit E. Completed and Scored Secondary Criteria Screening Form (Continued)

3. Restoration Potential			
a. Parcel can be restored to high ecological function with minimal alteration	100		
b. Parcel can be restored to high ecological function but will require moderate work, including but not limited to removal of exotics and alterations in topography.	50	50	significant amount of Brazilian pepper exists at edges and scattered throughout
c. Parcel will require major alterations to be restored to high ecological function.	15		
d. Conditions are such that parcel cannot be restored to high ecological function	0		<i>explain limiting conditions</i>
Subtotal	300	144	
1.C Total	100	48	<i>Divide the subtotal by 3</i>
1.D Protection and Enhancement of Current Conservation Lands	Possible points	Scored points	Comments
1. Proximity and Connectivity			
a. Property immediately contiguous with conservation land or conservation easement.	100		
b. Property not immediately contiguous, parcels in between it and the conservation land are undeveloped.	50	50	Florida Panther National Wildlife Refuge located approx 2 miles to the east. Parcel is connected to and part of Naithloriendun, a private wildlife sanctuary.
c. Property not immediately contiguous, parcels in-between it and conservation land are developed	0		
d. If not contiguous and developed, add 20 points if an intact ecological link exists between the parcel and nearest conservation land	20		
1.D Total	100	50	
1. Ecological Total Score	100	41	<i>Sum of 1A, 1B, 1C, 1D then divided by 4</i>
2. Human Values/Aesthetics			
2.A Human Social Values/Aesthetics	Possible points	Scored points	Comments
1. Access (<i>Select the Highest Score</i>)			
a. Parcel has access from a paved road	100	100	Desoto Blvd.
b. Parcel has access from an unpaved road	75		
c. Parcel has seasonal access only or unimproved access easement	50		
d. Parcel does not have physical or known legal access	0		
2. Recreational Potential (<i>Select the Highest Score</i>)			
a. Parcel offers multiple opportunities for natural resource-based recreation consistent with the goals of this program, including but not limited to, environmental education, hiking, nature photography, bird watching, kayaking, canoeing, swimming, hunting (based on size?) and fishing.	100		
b. Parcel offers only land-based opportunities for natural resource-based recreation consistent with the goals of this program, including but not limited to, environmental education, hiking, and nature photography.	75	75	hiking and wildlife observation /photography
c. Parcel offers limited opportunities for natural-resource based recreation beyond simply accessing and walking on it	50		
d. Parcel does not offer opportunities for natural-resource based recreation	0		
3. Enhancement of Aesthetic Setting			
a. Percent of perimeter that can be seen by public. Score based on percentage of frontage of parcel on public thoroughfare	80	40	<i>Score between 0 and 80 based on the percentage of the parcel perimeter that can be seen by the public from a public thoroughfare. 50% of the perimeter can be seen from 38th Ave.</i>
b. Add up to 20 points if the site contains outstanding aesthetic characteristic(s), such as but not limited to water view, mature trees, native flowering plants, or archeological site	20		<i>Provide a description and photo documentation of the outstanding characteristic</i>
Subtotal	300	215	
2. Human Social Values/Aesthetics Total Score	100	72	<i>Obtained by dividing the subtotal by 3.</i>
3. Vulnerability to Development/Degradation			
3.A Zoning/Land Use Designation	Possible points	Scored points	Comments
1. Zoning allows for Single Family, Multifamily, industrial or commercial	50	50	4 single family homes could be developed on these 4 parcels
2. Zoning allows for density of no greater than 1 unit per 5 acres	45		
3. Zoning allows for agricultural use /density of no greater than 1 unit per acre	40		
4. Zoning favors stewardship or conservation	0		
5. If parcel has ST overlay, remove 20 points	-20		
6. Property has been rezoned and/or there is SDP approval	25		
7. SFWMD and/or USACOE permit has been issued	25		
8. A rezone or SDP application has been submitted	15		
9. SFWMD and/or USACOE permit has been applied for	15		
3. Vulnerability Total Score	100	50	

Exhibit E. Completed and Scored Secondary Criteria Screening Form (Continued)

4. Feasibility and Costs of Management			
4.A Hydrologic Management Needs	Possible points	Scored points	Comments
1. No hydrologic changes are necessary to sustain qualities of site in perpetuity	100	100	No hydrologic changes anticipated to sustain site characteristics
2. Minimal hydrologic changes are required to restore function, such a cut in an existing berm	75		
3. Moderate hydrologic changes are required to restore function, such as removal of existing berms or minor re-grading that require use of machinery	50		
4. Significant hydrologic changes are required to restore function, such as re-grading of substantial portions of the site, placement of a berm, removal of a road bed, culvert or the elevation of the water table by installing a physical structure and/or changes unlikely	0		
5.A Total	100	100	
4.B Exotics Management Needs	Possible points	Scored points	Comments
1. Exotic Plant Coverage			
a. No exotic plants present	100		
b. Exotic plants constitute less than 25% of plant cover	80		
c. Exotic plants constitute between 25% and 50% of plant cover	60	60	Approx. 30 -35% Brazilian pepper, with most existing along roadways
d. Exotic plants constitute between 50% and 75% of plant cover	40		
e. Exotic plants constitute more than 75% of plant cover	20		
f. maintenance effort and management will be needed (e.g., heavy infestation by air potato or downy rosemytle)	-20		
g. Adjacent lands contain substantial seed source and exotic removal is not presently required	-20	-20	adjacent undeveloped lots contain significant seed source
5.B Total	100	40	
4.C Land Manageability	Possible points	Scored points	Comments
1. Parcel requires minimal maintenance and management, examples: cypress slough, parcel requiring prescribed fire where fuel loads are low and neighbor conflicts unlikely	80	80	Minimal maintenance required beyond exotics control
2. Parcel requires moderate maintenance and management, examples: parcel contains trails, parcel requires prescribed fire and circumstances do not favor burning	60		
3. Parcel requires substantial maintenance and management, examples: parcel contains structures that must be maintained, parcel requires management using machinery or chemical means which will be difficult or expensive to accomplish	40		
4. Add 20 points if the mainenance by another entity is likely	20		
5. Subtract 10 points if chronic dumping or trespass issues exist	-10		
5.C Total	100	80	
4. Feasibility and Management Total Score	100	73	<i>Sum of 5A, 5B, 5C, then divided by 3</i>
Total Score	400	236	

Exhibit F. Photographs

Photo 1. Looking east along 40th Ave. SE from Desoto Blvd. Properties on the right



Photo 2. Looking south along Desoto from 40th Ave. SE. Properties on the left



Photo 3. Interior photo – Cabbage palm and popash canopy with myrsine and wild coffee midstory



Photo 4. Buttressed based of cypress trees with water lines 18” to 2’



Photo 5. Strap fern, scattered throughout depressional area on west side of parcels



Photo 6. Typical fern understory in depressional areas on west side of parcels



Photo 7. Soil subsidence (?) from previous hydrologic alterations caused by road and canals



Photo 7. Deeper wetland area with 4' cypress knees. This area appears to be seasonally flooded to several feet deep.

