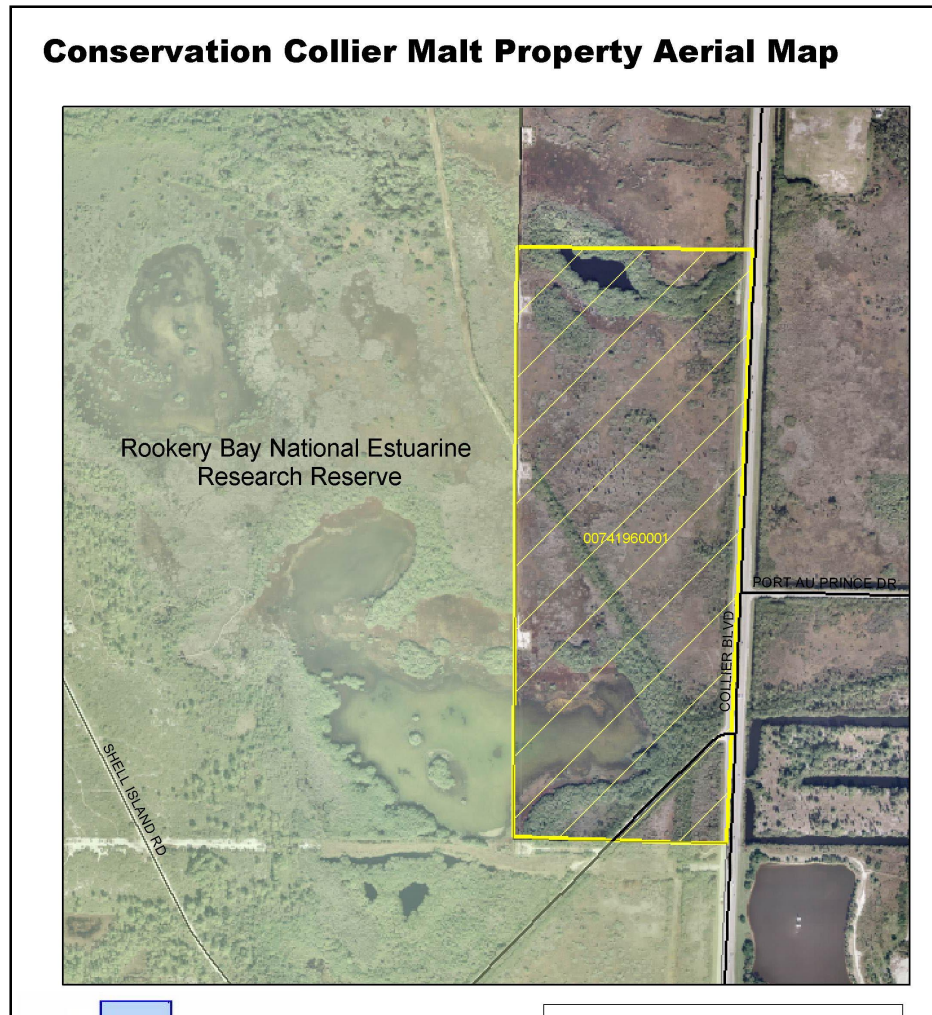


# Conservation Collier Initial Criteria Screening Report

## Conservation Collier Malt Property Aerial Map



**Property Name: Malt Property**  
**Folio Numbers: 00741960001**

**Staff Report Date: October 20, 2003**  
**CCLAAC Approval Date:**

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B.	Soils Map
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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
<b>Name</b>	<b>Robert. C. Malt</b>	<b>n/a</b>
<b>Folio Number</b>	<b>00741960001</b>	<b>n/a</b>
<b>Size</b>	<b>83.18 acres</b>	<b>Lands are entirely fresh and saltwater marsh except for approximately 4 acres of mad-made, linear uplands (old road bed).</b>
<b>Zoning Category</b>	<b>Agricultural</b>	<b>Owner has attempted to rezone to PUD</b>
<b>Existing structures</b>	<b>none</b>	<b>Old road bed and existing Shell Island Road bisect property – road bed impedes natural hydrology</b>
<b>Adjoining properties and their Uses</b>	<b>Vacant, residential, golf course and conservation lands</b>	<b>N – Vacant Agriculturally zoned lands                      E- Across SR 951 - Residential and golf course – Marco Shores/Fiddler’s Creek                      S – State owned conservation lands (Rookery Bay National Estuarine Research Reserve) and an outstanding Florida Water                      W – State owned conservation lands (Rookery Bay National Estuarine Research Reserve) and an outstanding Florida Water</b>
<b>Development Plans Submitted</b>	<b>Sunset Bay/Montego Bay development proposal submitted 1991                       Rookery Bay Towers – 316 multifamily unit condominium – 10 stories                      Rezoning Petition - #99-08</b>	<b>Development plans held in abeyance while owner attempted to negotiate state purchase, which failed                       Development plans submitted and resubmitted between 1999 and 2001, turned down by the Planning Commission. Owner intends to resubmit if parcel not purchased</b>
<b>Property Irregularities</b>	<b>Settlement Agreement</b>	<b>Owner believes 1989 settlement agreement (OR BK 1488 PG 777) gives guaranteed ability to develop at between 3 and 4 units per acre. County staff disagrees with that assessment, believing it only gives him the right to ask for that density.</b>

Figure 1. Location Map

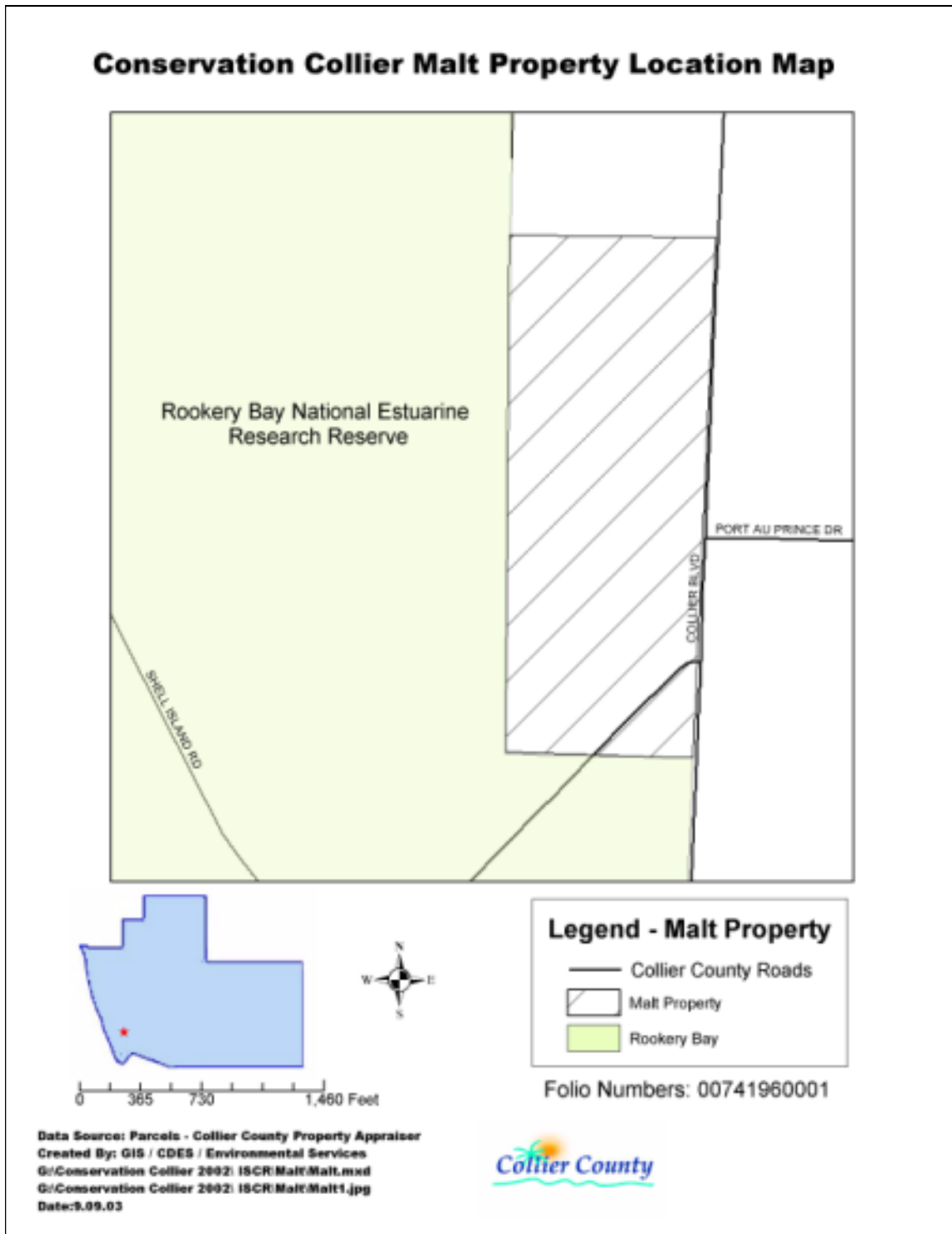


Figure 2. Aerial Map

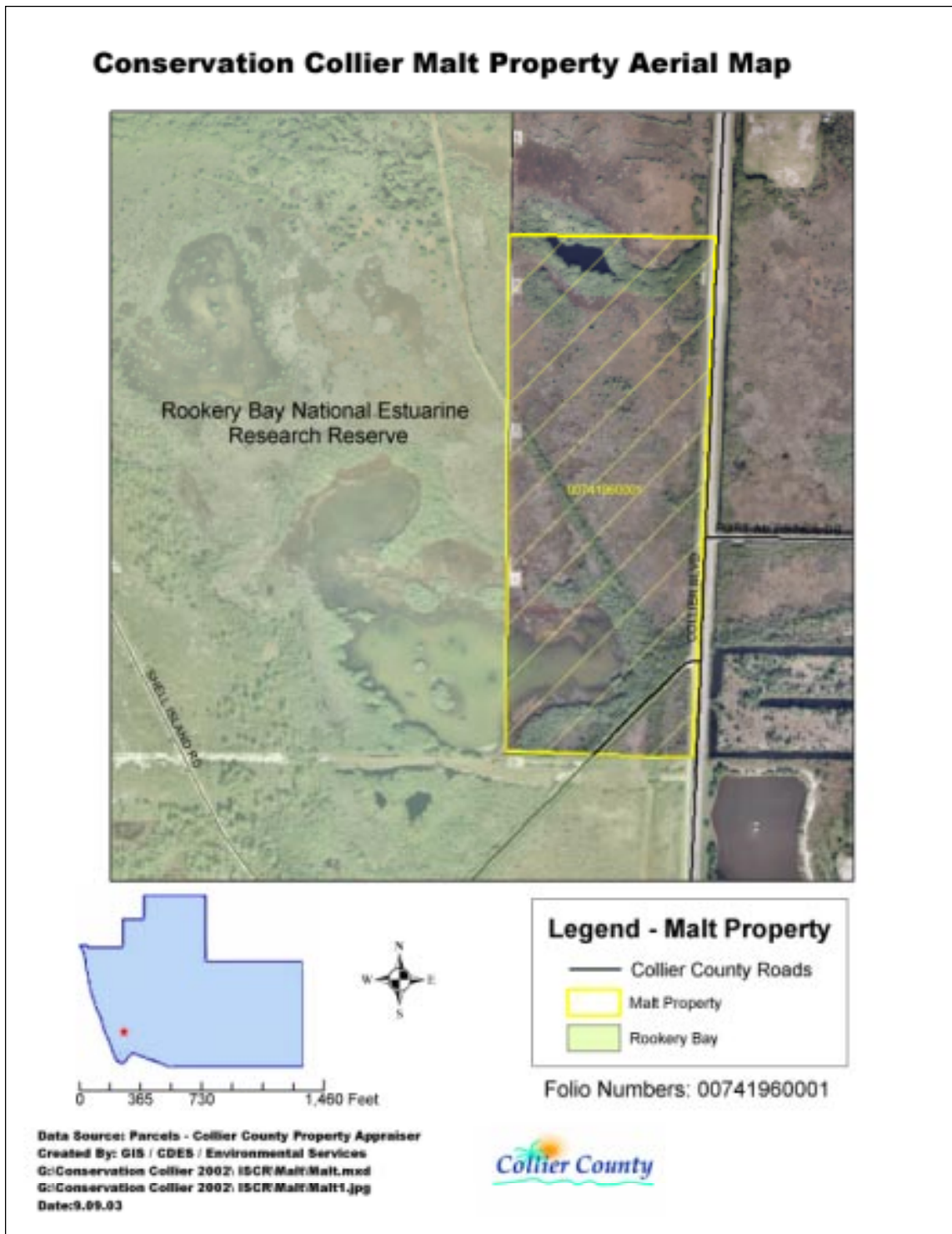
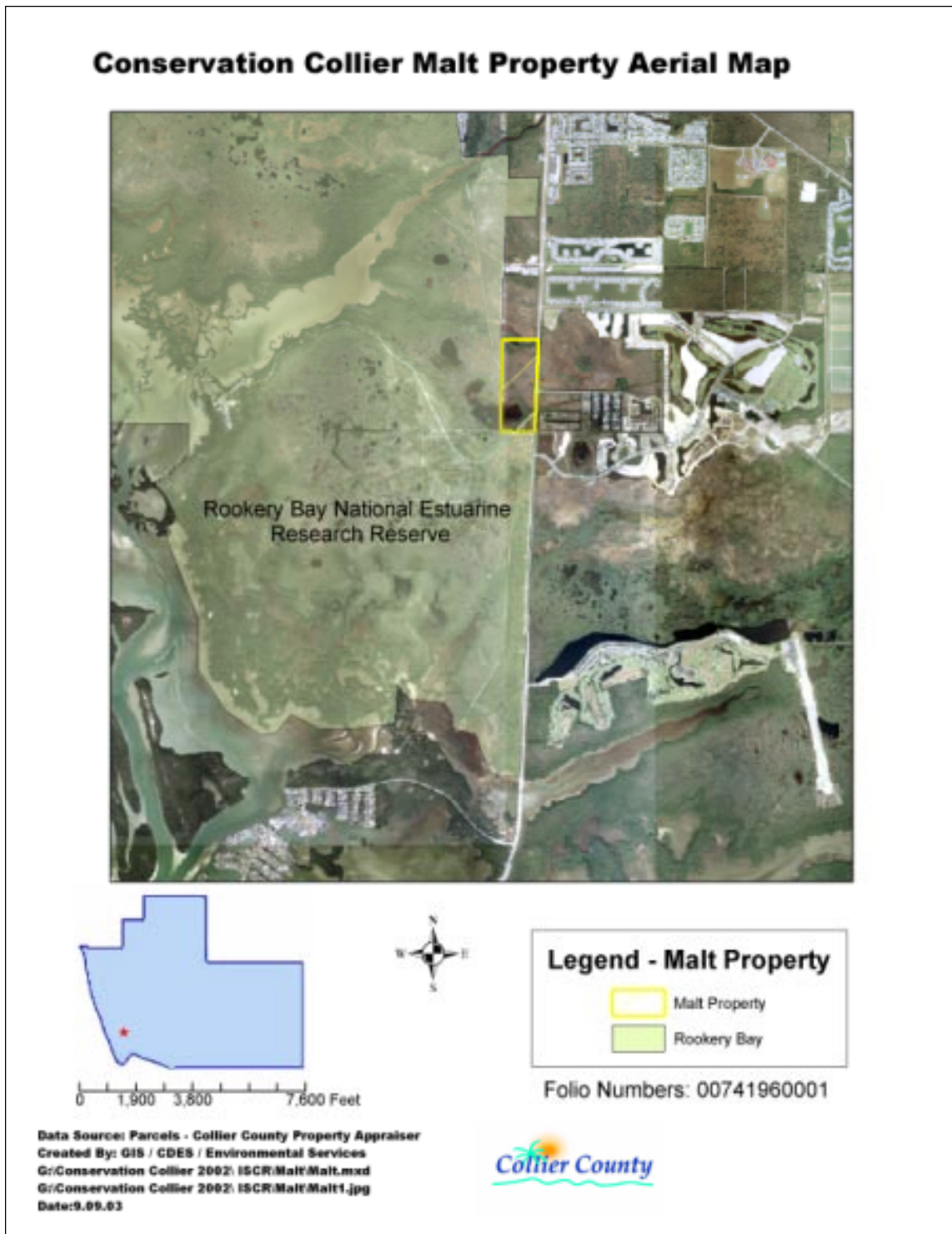


Figure 3. Surrounding Lands Aerial



### **Summary of Assessed Value and Property Costs Estimates**

The interest being appraised 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. An appraisal of the parcel was estimated using three traditional approaches, cost, income capitalization and sales comparison. Each is based on the principal 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 appraiser 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, two appraisals of this property would be required.

**Assessed Value: \* \$436,840**

**Estimated Market Value: \*\* \$1,635,735 - \$1,739,543**

\* Property Appraiser's Website

\*\* Collier County Real Estate Services Department

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

Collier County Environmental Resources Department staff conducted a site visit on September 12, 2003.

### MEETS INITIAL SCREENING CRITERIA Yes

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)*

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

### Vegetative Communities:

The following native plant communities were observed. Mangrove forest canopies the creek that flows to the WNW across the northern edge of the property, fringes the pond in the SW portion, and borders the ditches on both sides of Shell Island Road. Tidal fresh water marsh is in the center of the property and salt marsh in the SE corner. The only upland areas include the fill road and a small area with a couple of large slash pines.

### FLUCCS:

Staff used two methods to determine native plant communities present; review of South Florida Water Management District (SFWMD) electronic database which uses a modified Department of Transportation's Florida Land Use, Cover and Forms (FLUCCS) (1994/1995) and field verification of same using the 1999 Third Edition. The electronic database identified:

- 612 Mangrove Forest
- 642 Salt Marsh (This designation was given to the Tidal freshwater marsh and the salt marsh on Exhibit B. The tidal freshwater marsh had a large amount of spike rush (*Eleocharis celuosa*) in addition to saltgrass (*Distichilis spicata*), and black rush (*Juncus roemerianus*) The salt marsh was primarily saltgrass, black rush, and fringe rushes (*Fimbristylis sp.*).
- 523 Lake > 10 acre and < 100 acre
- 322 Coastal Scrub – (This was an error as this was mostly Mangrove and Brazilian Pepper, an unpaved road, swale, and a couple of slash pines and buttonwoods.

Staff observed:

- 612 Mangrove Forest



- 641 Freshwater marsh
- 642 Salt marsh

**Statement for satisfaction of criteria:**

This property includes a listed unique and endangered plant community and contains environmentally sensitive wetland habitats.

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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:**

The property is within the Urban Coastal Fringe, adjacent to a major thoroughfare. The creek and wetlands provide conveyance for the stormwater discharge of adjacent developments.

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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**

**Hydrological Characteristics:**

**Groundwater:**

Groundwater is exposed in this seasonally flooded wetland for most of the year. The wetlands provide habitat for wetland dependent species, flood attenuation for both coastal storms and rainfall events. The wetlands also remove some nutrients from the stormwater prior to it reaching the adjacent Rookery Bay National Estuarine Research Reserve Outstanding Florida Water.

**Aquifer Recharge Capacity:**

This area does not contribute to the Lower Tamiami Aquifer. The groundwater in this area is likely saline due to its proximity to tidal waters and the SFWMD Lower Tamiami Aquifer recharge model indicates this is an area of discharge.

**Soils:**

Soils data is based on the Soil Survey of Collier County Area, Florida (USDA/NRCS, 1990). Mapped soils on this parcel include, Durbin and Wulfert Mucks. These soils are tidally influenced.

**Statement for satisfaction of criteria:**

This parcel provides habitat for wetland dependent species, water quality enhancement for the adjacent Rookery Bay, Outstanding Florida Water, and will provide on-site attenuation of floodwaters.

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- 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**

Species Richness score is 6 out of 10.

**Listed Plant Species:**

Listed plant species include those found on either the 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	
		FDA	FWS
Leather Fern	<i>Acrostichum sp.</i>	E	
Refelexed wild pine	<i>Tillandsia balbisiana</i>	T	
Banded wild pine	<i>Tillandsia flexusoa</i>	E	
Giant wild pine	<i>Tillandsia utriculata</i>	E	

E=Endangered, T=Threatened

**Listed Wildlife Species:**

No listed animal species were observed during the field visit.

No evidence of an existing bird rookery was observed. The FWCC-derived species richness score ranged from 5 to 8 out of a possible 10, representing a moderate to high level of habitat for listed species. Staff has observed numerous wading birds in the past on the property primarily where the culverts cross SR 951 and enter the creek. Species observed include wood stork (*Mycteria americana*), white ibis (*Eudocimus albus*), snowy egret (*Egretta thula*), tricolored heron (*Egretta tricolor*), little blue heron (*Egretta caerulea*), and American alligator (*Alligator mississippiensis*).

**Potential Listed Species:**

While determinations of what listed species may potentially use a parcel is not a part of the Conservation Collier scoring format these wetlands likely support mangrove rivulus (*Rivulus marmoratus*) and juvenile common snook (*Centropomus undecimalis*) in addition to the birds listed above.

**Statement for satisfaction of criteria:**

These observations confirm that the Malt property provides habitat to listed species, supports biodiversity and has a high degree of ecological quality. Restoration potential is high, as the only major restoration project would be to remove the old road bed. Connectivity is discussed in criteria #5.

- 
- 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?** Ord. 2002-63, Sec. 10 (1)(e)  
**Yes**

**Statement for satisfaction of criteria:**

The parcel is contiguous with the Rookery Bay Estuarine Research Reserve.

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

**Yes**

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

**Yes - likely**

*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:

*Limited opportunities for hiking due to the long hydroperiod of the wetlands.*

Nature Photography:

*Location adjacent to major road and the period of utilization by wading birds is in the dry season when wetlands are drying down and our population is at its peak.*

Bird-watching:

*Very good for wading birds when wetlands are drying down.*

Kayaking/Canoeing:

*Boating is inappropriate due to the shallowness of the wetlands and isolation of the pond.*

Swimming:

*Swimming is inappropriate because of the shallow and isolated nature of the pond.*

Hunting:

*Hunting is inappropriate due to the close proximity of SR 951 and small size of the parcel.*

Fishing:

*Fishing opportunities would also be extremely limited by the seasonal wetland and small size of the pond. This area provides habitat for juvenile sportfish and their prey.*

#### **Recommended Site Improvements:**

Removing the old roadbed in order to restore original hydrology should be a primary site improvement project. After that, little additional improvement is recommended other than perhaps an observation / picnic area could be developed off the north side of Shell Island Road, at the southern end of the property.

#### **IV. Assessment of Management Needs and Costs**

Management of this property will require the removal of exotic vegetation along Shell Island Road, the old roadbed and in the marshes, removal of the old roadbed, and perhaps the construction of a small parking area to allow the public to have access to selected portions of the property, and construction of a viewing platform. The roadside area would require ongoing exotic and basic maintenance. 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:**

Brazilian pepper, primarily along shell Island Road and the old roadbed and scattered Melaleuca, in a beginning invasion stage, less than 25% of site. Rookery Bay staff has released a biological control agent, the Melaleuca psyllid, in lands adjacent to this parcel, but still recommends removal of scattered specimens.

##### **Exotic Vegetation Removal and Control**

The initial cost of exotic removal is estimated to be approximately \$5,000. Ongoing treatment of the roadside area is estimated to be approximately \$1,750 annually.

##### **Public Parking Facility:**

The property would require an area for visitor parking. The cost of construction of a small limestone or shell parking area to accommodate 10 cars is approximately \$3,000.

##### **Public Access Trails:**

Trails are not recommended.

##### **Security and General Maintenance:**

Minimal management activities, like exotic maintenance and trash removal could be accomplished through a Memorandum of Agreement with Rookery Bay NERR. If state partner funds are used, it is likely title would at some point be held entirely by the State of Florida. Fencing is not recommended at this point due to low accessibility of the parcel in general.

##### **Site Alteration**

Removal of the old roadbed has been estimated by Rookery Bay staff to be less than \$50,000.

**Table 2. Summary of Estimated Management Needs and Costs**

<b>Management Element</b>	<b>Initial Cost</b>	<b>Annual Recurring Costs</b>	<b>Comments</b>
Exotics Control	\$5,000	\$1,750	Management by Rookery Bay NERR is a strong possibility
Parking Facility	\$3,000	t.b.d.	10-car lot- does not include all permitting and engineering costs – these are t.b.d.
Access Trails	n/a	n/a	n/a.
Fencing	n/a	n/a	n/a
Trash Removal	n/a	t.b.d.	Trash removal necessary only if a public parking and viewing area established
Site Alteration	\$50,000	n/a	Removal of old roadbed
Viewing Platform	\$10,000	n/a	20' X 20' wooden platform – does not include permitting costs – these are t.b.d.
Signs	\$100 each	n/a	3' X 1.5' metal on post – uninstalled – does not include permit costs – t.b.d.
<b>Total</b>			

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

## V. Potential for Matching Funds

The primary partnering agencies for conservation acquisitions 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 2003 funding cycle the award limit per recipient, per cycle, was \$6.6 million. The next funding cycle closes in June of 2004. 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 it a score of 105 out of a possible 320 points. Staff was verbally advised that if a score is under 125, chances of it being selected for funding are not likely. This parcel appears to be below the minimum mark for possibility of selection for FCT post-acquisition funding.

### Florida Forever Program

**Staff was verbally advised that the Florida Forever Program is interested in partnering on a potential purchase, depending upon final approval of Governor Bush for payment amount. As a partner, the state would require full title.**

### Save Our Rivers Program / South Florida Water Management District

Staff was informed that the Save Our Rivers program funds were being dedicated to existing Comprehensive Everglades Restoration Projects and would not be available for this project.

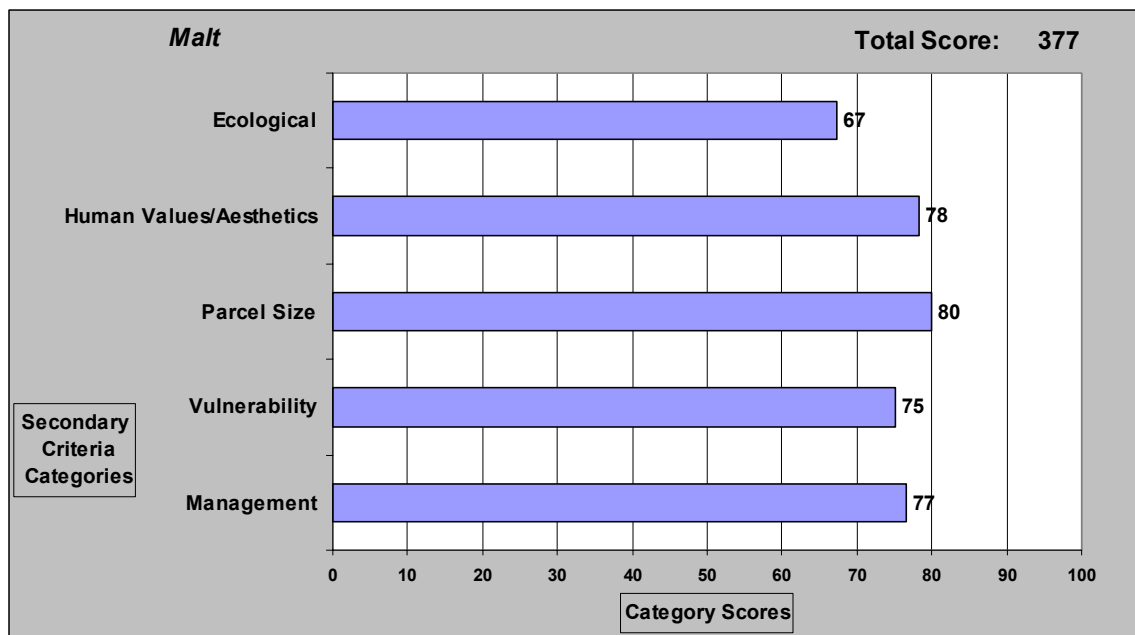
## VI. Summary of Secondary Screening Criteria

Staff has scored property on the Secondary Criteria Screening Form and attached the scoring form as Exhibit A. A total score of 377 out of a possible 500 was achieved. The chart and graph below show a breakdown of the specific components of the score.

**Table 3. Tabulation of Secondary Screening Criteria**

Property Name: <b>Malt</b>			
Target Protection Area: <b>Urban Target Protection Area</b>			
<b>Secondary Screening Criteria</b>	<b>Possible Points</b>	<b>Scored Points</b>	<b>Percent of Possible Score</b>
Ecological	100	67	67%
Human Values/Aesthetics	100	78	78%
Parcel Size	100	80	80%
Vulnerability	100	75	75%
Management	100	77	77%
<b>Total Score:</b>	<b>500</b>	<b>377</b>	<b>75%</b>

**Figure 4. Secondary Screening Criteria Scoring**





**Ecological:** This score was achieved because the parcel contains unique plant communities contiguous with current conservation lands (which border an Outstanding Florida Water), offers listed species habitat and provides for the conveyance, storage and some treatment for some of the stormwater entering Rookery Bay.

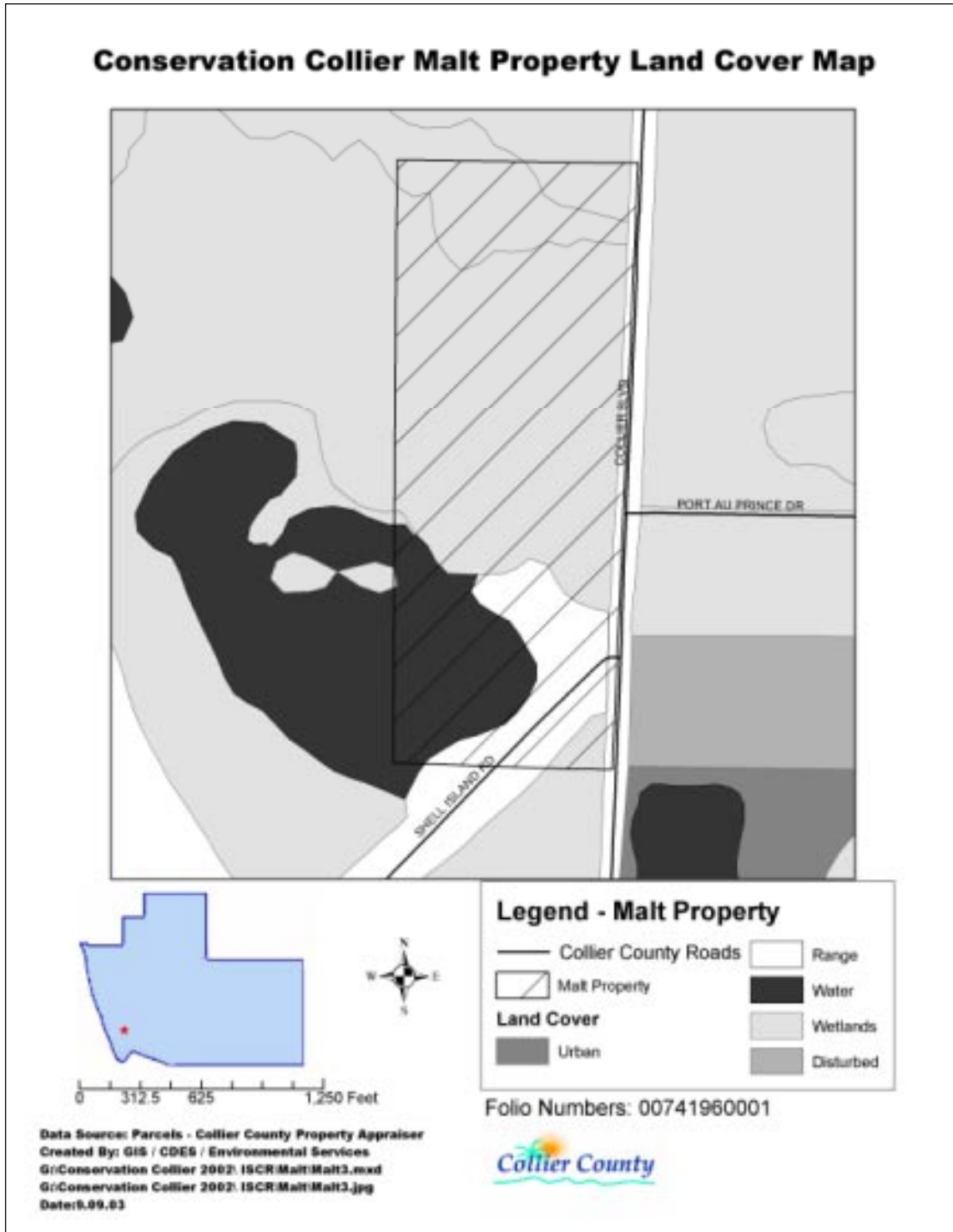
**Human Values/Aesthetics:** This score was achieved because the parcel is located within the Urban Coastal area adjacent to a major roadway and is highly visible.

**Parcel Size:** This score is based upon acreage, and the parcel is of a significant size, giving a score in the middle to upper range.

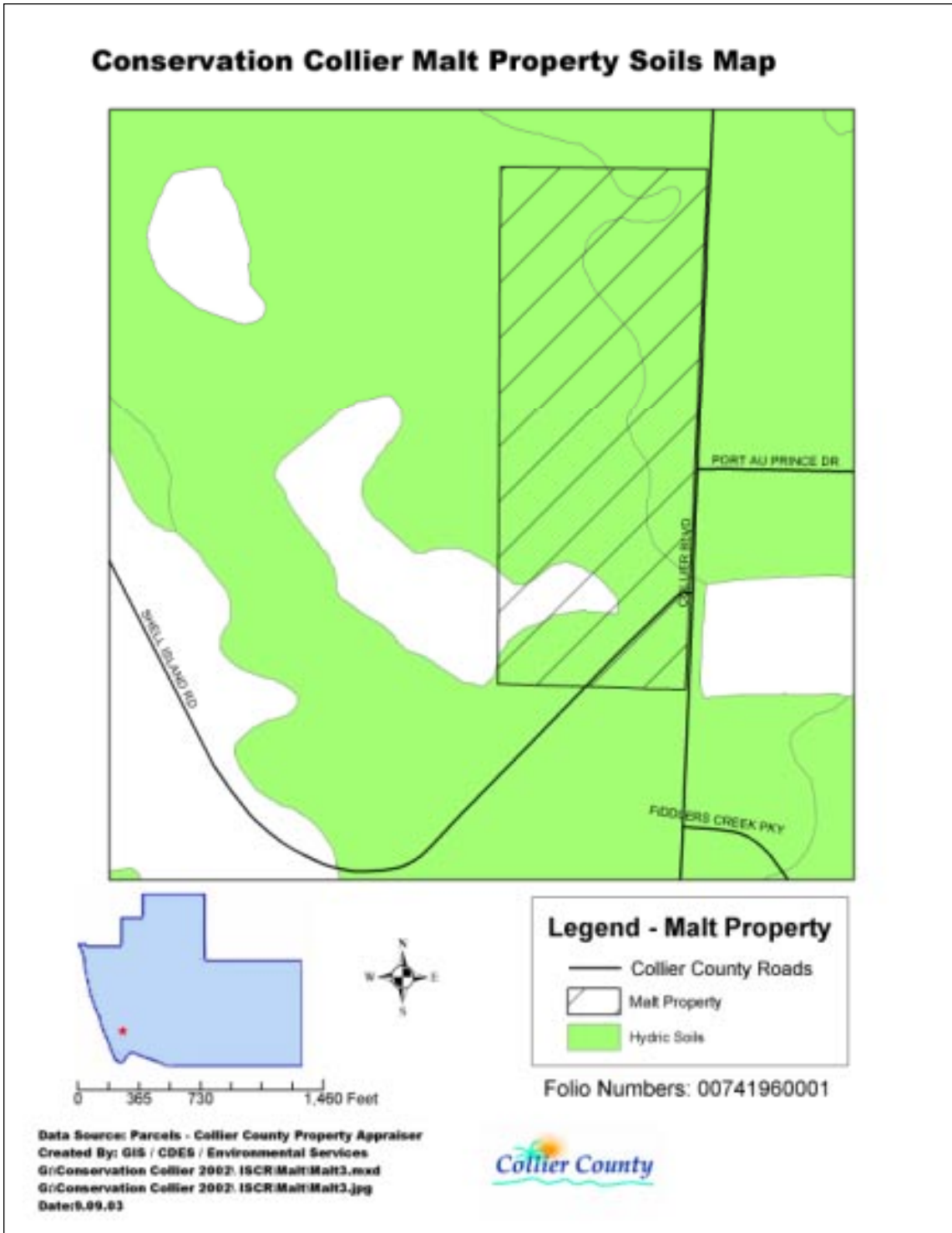
**Vulnerability:** This parcel is currently zoned for Agriculture, with a density of one unit per five acres allowed. If the saltwater marsh is considered marine wetlands, the useable acreage available to count for density purposes would also be reduced. While the current owner would like to rezone the parcel to PUD and develop it at a higher density (3 to 4 units per acre), the actual vulnerability can only be determined after presentation of development plans.

**Management:** Exotic plant coverage is minimal and most of the exotics are adjacent to the road and old roadbed. The natural communities will not require special management beyond removal of the old roadbed. .

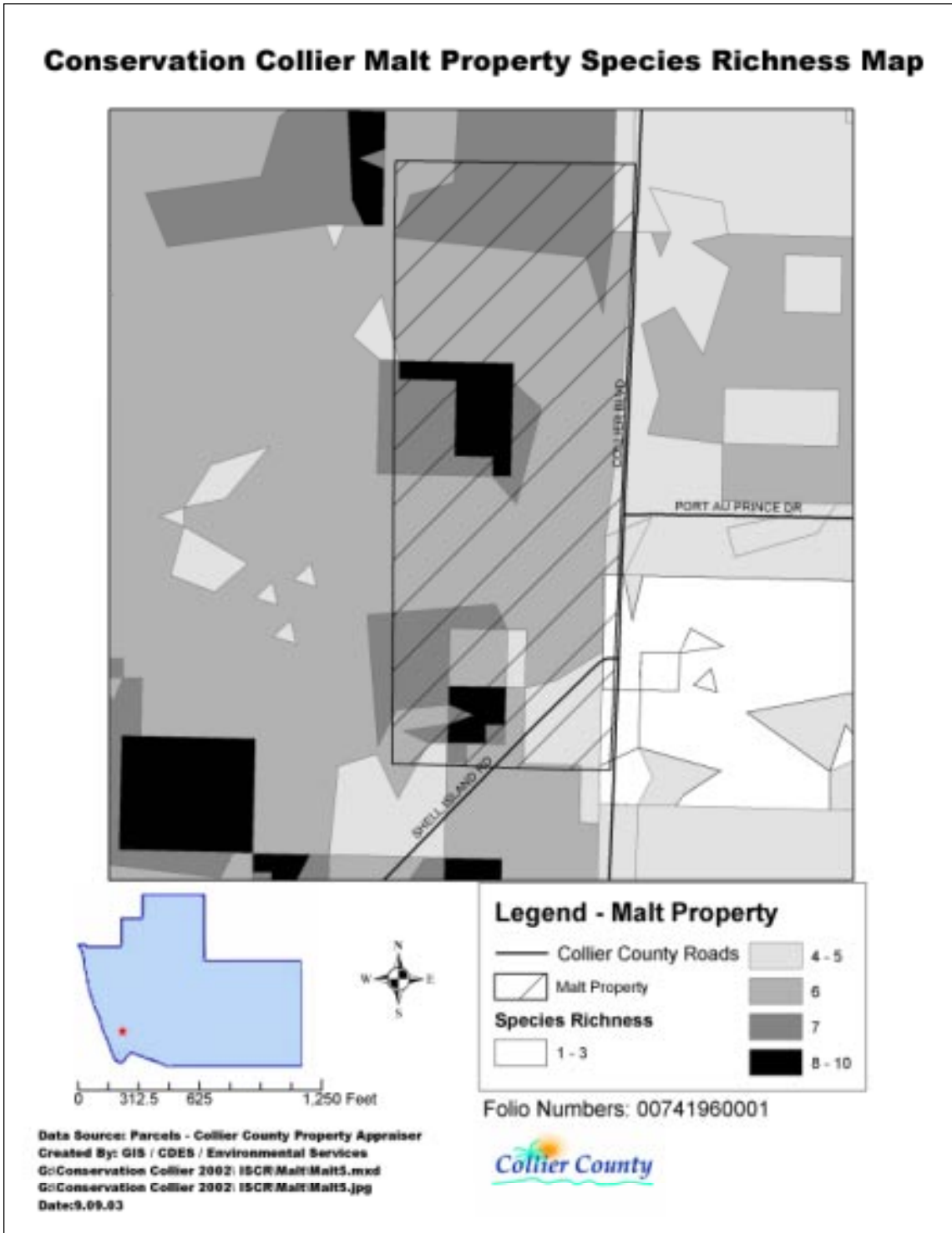
### Exhibit A. FLUCCs Map



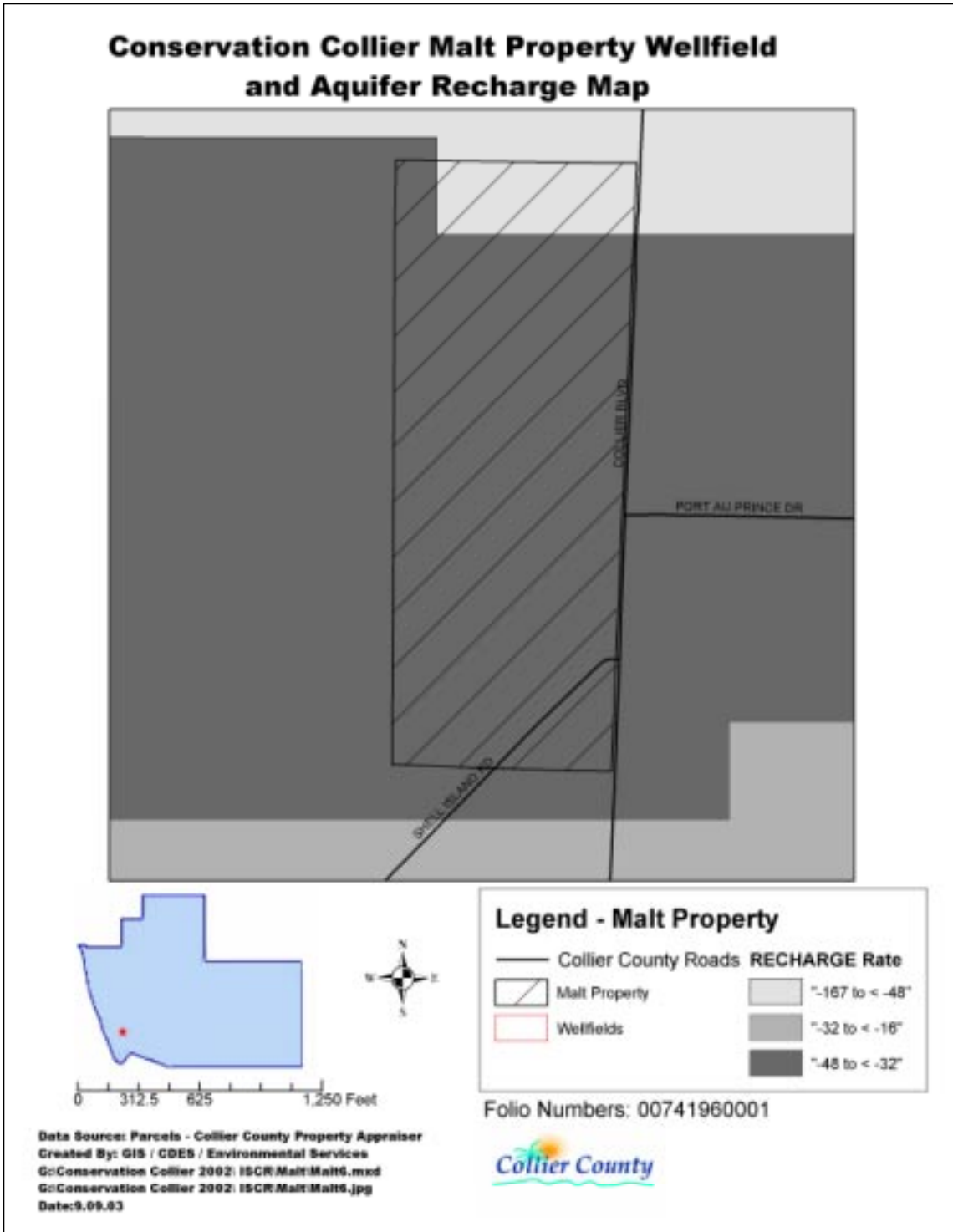
### Exhibit B. Soils Map



### Exhibit C. Species Richness Map



### Exhibit D. Wellfield Protection and Aquifer Recharge Map



## Exhibit E. Completed and Scored Secondary Criteria Screening Form

<b>Property Name:</b> Malt		<b>Folio Numbers:</b> 00741960001	
<b>Geographical Distribution (Target Protection Area):</b> Urban Target Protection Area			
<b>1. Confirmation of Initial Screening Criteria (Ecological)</b>			
<b>1.A Unique and Endangered Plant Communities</b>	<b>Possible points</b>	<b>Scored points</b>	<b>Comments</b>
<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	20	
9. Other Native Habitats	10	10	
10. Add additional 5 points for each additional listed plant community found on the parcel	5 each	5	High Marsh
11. Add 5 additional points if plant community represents a unique feature, such as maturity of vegetation, outstanding example of plant community, etc.	5	5	Marsh visible from SR 951
<b>1.A. Total</b>	<b>100</b>	<b>40</b>	
<b>1.B Significance for Water Resources</b>	<b>Possible points</b>	<b>Scored points</b>	<b>Comments</b>
1. Aquifer Recharge ( <i>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		
c. Parcel would contribute minimally to aquifer recharge location	25	25	
	0		
2. Water Quality ( <i>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	75	Provides buffering for Rookery Bay wetlands & Outstanding waters of Rookery Bay
c. Parcel is contiguous with and provides buffering for an identified flowway	50		
d. Wetlands exist on site	25	25	
e. Acquisition of parcel will not provide opportunities for water quality enhancement	0		
3. Strategic to Floodplain Management ( <i>Calculate for a and b; score c if applicable</i> )			
a. Depressional soils	80	80	Durban and Wulfert Mucks - Tidal soils (Prorate site based on area of Slough or Depressional Soils)
b. Slough Soils	40		
c. Parcel has known history of flooding and is likely to provide onsite water attenuation	20	20	
Subtotal	300	225	
<b>1.B Total</b>	<b>100</b>	<b>75</b>	Obtained by dividing the subtotal by 3.
<b>1.C Resource Ecological/Biological Value</b>	<b>Possible points</b>	<b>Scored points</b>	<b>Comments</b>
1. Biodiversity ( <i>Select the Highest Score for a, b and c</i> )			
a. The parcel has 5 or more FLUCCS native plant communities	75		
b. The parcel has 3 or 4 FLUCCS native plant communities	50	50	612 (Mangrove), 641 (Freshwater marsh), 642 (Salt marsh)
c. The parcel has 2 or less FLUCCS native plant communities	25		
d. Score an additional 25 points if any habitats are on site which indicated potential higher diversity. Examples include FLUCCS 426, 427, 421, 436 - Upland and xeric forests. Describe.	25		
2. Listed species			
a. Listed wildlife species are observed on the parcel	80		<i>If this is scored, then b. Species Richness is not scored.</i>
b. Species Richness score ranging from 10 to 70	70	42	Score is prorated from 10 to 70 based on the FFWCC Species Richness map - score is 6 out of 10
c. Rookery found on the parcel	10		
d. Listed plant species observed on parcel - add additional 20	20	20	Leather fern, Giant wild pine, Banded wild pine, Reflexed wild pine
3. Restoration Potential			
a. Parcel can be restored to high ecological function with minimal alteration	100		
b. Parcel can be resored to high ecological function but will require moderate work, including but not limited to removal of exotics and alterations in topography.	50	50	remove old roadbed
c. Parcel will require major alterations to be restored to high ecological function.	10		
Subtotal	300	162	
<b>1.C Total</b>	<b>100</b>	<b>54</b>	Divide the subtotal by 3

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

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	100	RBNERR
b. Property not immediately contiguous, parcels in between it and the conservation land are undeveloped.	50		
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		
<b>1.D Total</b>	<b>100</b>	<b>100</b>	
<b>1. Ecological Total Score</b>	<b>100</b>	<b>67</b>	<i>Sum of 1A, 1B, 1C, 1D then divided by 4</i>
<b>2. Human Values/Aesthetics</b>			
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	SR 951 and Shell Island Rd.
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 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	
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	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</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	20	<i>Tidal marsh adjacent to SR 951 often has wading birds (Including Wood storks, all herons and egrets) feeding during spring.</i>
Subtotal	300	235	
<b>2. Human Social Values/Aesthetics Total Score</b>	<b>100</b>	<b>78</b>	<i>Obtained by dividing the subtotal by 3.</i>
<b>3. Parcel Size</b>			
3.A Size Evaluation	Possible points	Scored points	Comments
1. Equal to or Greater than 100 acres	100		
2. Equal to or less than 99 acres	99	80	
<b>3. Parcel Size Total Score</b>	<b>100</b>	<b>80</b>	
<b>4. Vulnerability to Development/Destruction</b>			
4.A Zoning/Land Use Designation	Possible points	Scored points	Comments
1. Zoning allows for high density Single Family, Multifamily, commercial	100		
2. Zoning allows for density of no greater than 1 unit per 5 acres	75	75	Owner wants to rezone to PUD and request 3 - 4 units per acre
3. Zoning allows for density of no greater than 1 unit per 40 acres	25		
4. Zoning favors stewardship or conservation	0		
5. If parcel has ST overlay, remove 20 points	-20		
<b>4. Vulnerability Total Score</b>	<b>100</b>	<b>75</b>	

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

5. Feasibility and Costs of Management			
	Possible points	Scored points	Comments
<b>5.A Hydrologic Management Needs</b>			
1. No hydrologic changes are necessary to sustain qualities of site in perpetuity	100		
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	50	removal of old roadbed - County Road 22
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	0		
<b>5.A Total</b>		<b>100</b>	<b>50</b>
<b>5.B Exotics Management Needs</b>			
1. Exotic Plant Coverage			
a. No exotic plants present	100		
b. Exotic plants constitute less than 25% of plant cover	80	80	Brazilian pepper, Melaleuca
c. Exotic plants constitute between 25% and 50% of plant cover	60		
d. Exotic plants constitute between 50% and 75% of plant cover	40		
e. Exotic plants constitute more than 75% of plant cover	20		
and maintenance effort and management will be needed (e.g., heavy infestation by air potato or downy rosemyrtle)	-20		
g. Adjacent lands contain substantial seed source and exotic removal is not presently required	-20		
<b>5.B Total</b>		<b>100</b>	<b>80</b>
<b>5.C Land Manageability</b>			
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	beyond exotic and roadbed removal
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 maintenance by another entity is likely	20	20	
5. Subtract 10 points if chronic dumping or trespass issues exist	-10		
<b>5.C Total</b>		<b>100</b>	<b>100</b>
<b>5. Feasibility and Management Total Score</b>		<b>100</b>	<b>77</b> <i>Sum of 5A, 5B, 5C, then divided by 3</i>
<b>Total Score</b>		<b>500</b>	<b>377</b>



## Exhibit F. Photographs

**Photo 1. Mangroves bordering pond at north of property**



**Photo 2. Tidal freshwater marsh**



**Photo 3. Looking west from SR 951. Note scattered Melaleuca**



**Photo 4. Notice requirement for a 2001 Rezoning Petition remains because the petition was continued indefinitely but not withdrawn**



**Photo 5. Looking south along eastern border of parcel (SR 951)**



**Photo 6. Leather Fern (*Achrostichum* sp.) State listed as E.**

