

Mangrove Restoration & Mitigation Permit

Sarasota County, FL

HOMEOWNER:

Diane M. Hall Residence

SITE ADDRESS:

7611 Sanderling Rd., Sarasota, FL 34242

Parcel: 0110130014

DATE:

May 27, 2022

PREPARED BY:

Ed Bingle

ISA Certified Arborist #FL-5585AT

ISA Tree Risk Assessment Qualified

Certified Tree Care Safety Professional #2106

Professional Mangrove Trimmer #PMT 2020-092

Amber C. Delehanty

ISA Certified Arborist (#FL 9514A)

Tree Risk Assessment Qualified (ISA-TRAQ)

Certified Tree Care Safety Professional (TCIA-CTSP)

Professional Mangrove Trimmer (PMT 2020-089)





Property Ownership:

Hall, Diane M
835 Hutchinson Rd
Flossmoor, IL 60422

(Tax Receipt attached in Documentation Below)


Print Tax Bill **NEW!**
 Property Info
 Address Change

Searches

Account Number
 Mailing Address
Owner Name
 Property Address

Site Functions

Property Taxes
 Business Tax
 Contact Us
 Home
 Property Appraiser
 Tax Track Login
 Welcome

Account Number	Type Tax	Tax Year
0110130014 	REAL ESTATE	2021

Mailing Address	Property Address
HALL DIANE M TTEE 835 HUTCHISON RD FLOSSMOOR IL 60422-1317	7611 SANDERLING RD 001
	Old Account Number
	0110-13-0014

Base Exempt Amount	Taxable Value
see below	see below

Exemption Detail	Millage Code	Escrow Code
NO EXEMPTIONS	1800	
Legal Description	7611 SANDERLING RD LOT 1 BLK B & THAT PART OF LOT 3 E OF PRIVATE RD & BEG INTRS OF SELY LINE LOT 2 BLK B & NELY LINE OF PRIVATE RD TH NWLY 88 FT FOR POB TH NELY ALG NWLY LINE 155.53 FT TH 90 DEG TO RT SELY 76.69 FT TH 96-05 TO RIGHT SWLY 112.10 FT TH 20-22 TO Additional Legal	

Ad Valorem Taxes

Taxing Authority	Rate	Assessed Value	Exemption Amount	Taxable Value	Taxes Levied
Sarasota Co. General Revenue	3.2232	1,850,530	0	\$1,850,530	\$5,964.63
Mosquito Control	0.0510	1,850,530	0	\$1,850,530	\$94.38
Sarasota Co. Hospital Dist.	1.0420	1,850,530	0	\$1,850,530	\$1,928.25
West Coast Inland Navigation	0.0394	1,850,530	0	\$1,850,530	\$72.91
SW FL Water Management Dist.	0.2535	1,850,530	0	\$1,850,530	\$469.11
Bonds-Debt Service	0.1170	1,850,530	0	\$1,850,530	\$216.51
Sarasota Co. Legacy Trl	0.0649	1,850,530	0	\$1,850,530	\$120.10
Sarasota School Board					
School Board - State	3.4610	2,463,900	0	\$2,463,900	\$8,527.56
School Board - Local	3.2480	2,463,900	0	\$2,463,900	\$8,002.75
Lighting-Siesta Key	0.0076	1,850,530	0	\$1,850,530	\$14.06
Emergency Medical Services	0.6600	1,850,530	0	\$1,850,530	\$1,221.35

Total Millage	12.1676	Total Taxes	\$26,631.61
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Non-Ad Valorem Assessments

Code	Levyng Authority	Amount
F052	Sarasota County Fire Rescue	\$616.62
G054	Solid Waste Service District	\$467.18
W056	Stormwater Utility	\$151.94

Total Assessments	\$1,235.74
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Taxes & Assessments \$27,867.35

If Paid By	Amount Due
	\$0.00

Tax Receipt | 7611 Sanderling Rd., Sarasota, FL 34240

Enclosure #2: Aerial image showing approximate area of alteration



11/8/2021, 2:11:00 PM

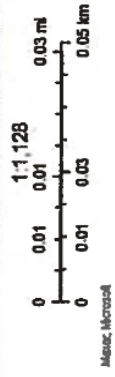
CoastalRegulatoryLine

Coastal Construction Control Line

Gulf Beach Setback Line

--- Limit of Moderate Wave Action

Parcel



MANGROVE, COASTAL-HAMMOCK AND DUNE HABITAT IMPACT CALCULATIONS:

7611 Sanderling - Description of Work:

- Mangrove Habitat Restoration:**
Remove Invasive Plants without damaging existing native plants; De-vine; hand prune limited damage materials
- Mangrove Habitat Creation:**
Remove and hand clear debris and silt. Create water connection between the two existing mangrove habitat areas. Plant Red Mangrove species in center of newly created low lying tidal areas.
- Coastal Hammock Habitat Restoration:**
Remove debris and invasive plant species without damaging native vegetation to remain. Plant new Coastal Hammock species such as sea grape, buttonwood, . . .

HOA Property - Description of Work:

- Mangrove Habitat Restoration:**
Remove Invasive Plants without damaging existing native plants; De-vine; hand prune limited damage materials
- Coastal Hammock Habitat Restoration:**
Remove debris and invasive plant species without damaging native vegetation to remain. Plant new Coastal Hammock appropriate species.
- Dune Habitat Restoration:**
Remove debris and invasive plant species without damaging native vegetation to remain. Plant new Dune Habitat appropriate species.

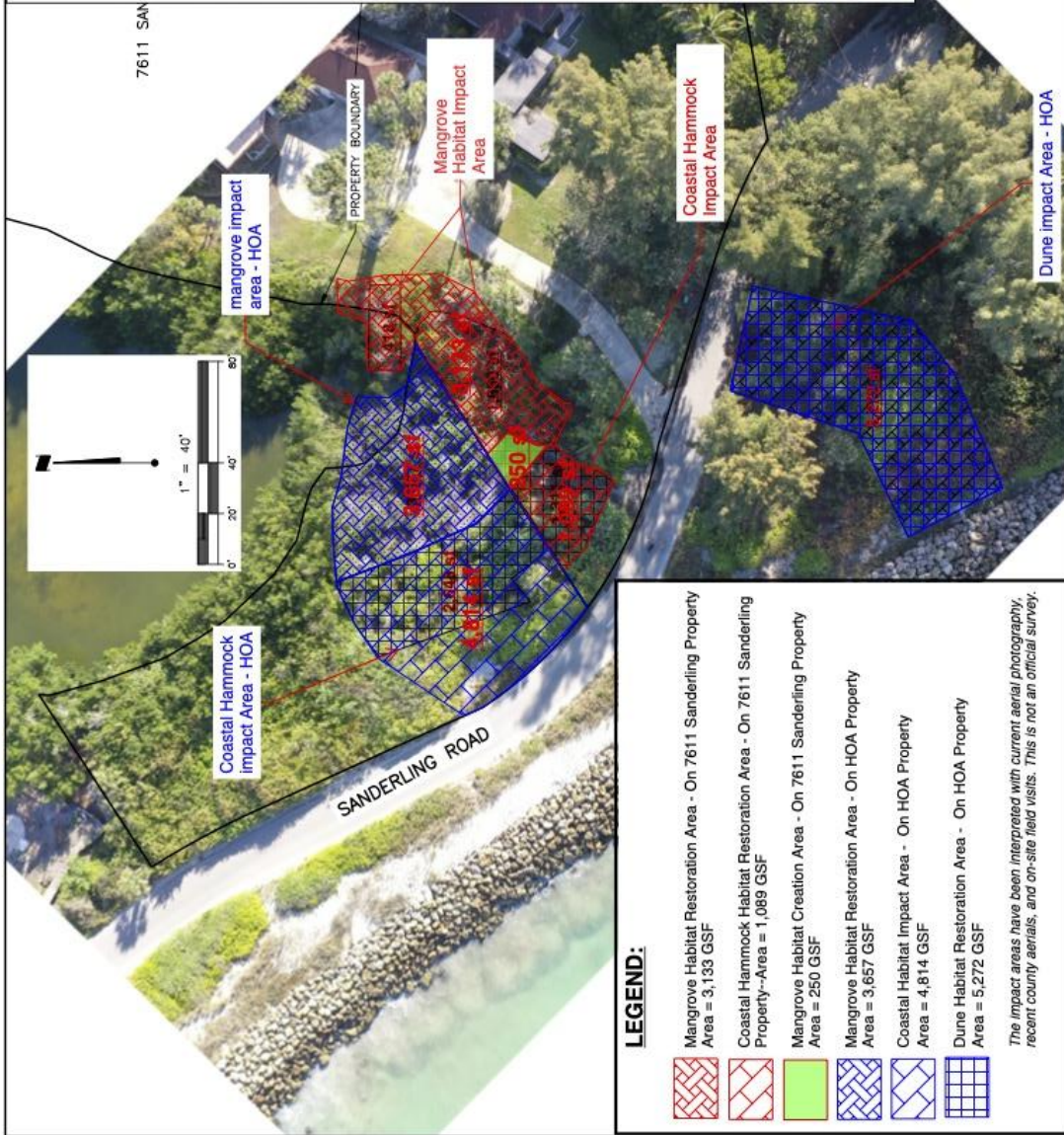
Note:

The impact areas have been interpreted with current aerial photography, and on-site field visits. The limits of each habitat type are identified.

Title: 7611 Sanderling Rd

REVISION: _____ DATE: 09/20/22
SCALE: 1" = 40'

Dune impact Area - HOA



LEGEND:

- Mangrove Habitat Restoration Area - On 7611 Sanderling Property Area = 3,133 GSF
- Coastal Hammock Habitat Restoration Area - On 7611 Sanderling Property--Area = 1,089 GSF
- Mangrove Habitat Creation Area - On 7611 Sanderling Property Area = 250 GSF
- Mangrove Habitat Restoration Area - On HOA Property Area = 3,657 GSF
- Coastal Habitat Impact Area - On HOA Property Area = 4,814 GSF
- Dune Habitat Restoration Area - On HOA Property Area = 5,272 GSF

The impact areas have been interpreted with current aerial photography, recent county aeriels, and on-site field visits. This is not an official survey.

MANGROVE, COASTAL HAMMOCK AND DUNE HABITAT IMPACT CALCULATIONS:

7611 Sanderling:

Mangrove Habitat: 2,268 gsf impacted
Coastal Hammock: 1,311 gsf impacted

HOA:

Mangrove Habitat: 3,657 gsf impacted
Coastal Hammock: 2,648 gsf impacted
Dune: 5,272 gsf impacted

Note:

The impact areas have been interpreted with current aerial photography, and on-site field visits. The limits of each habitat type are identified.

Description of Impacts:

7611 Sanderling:

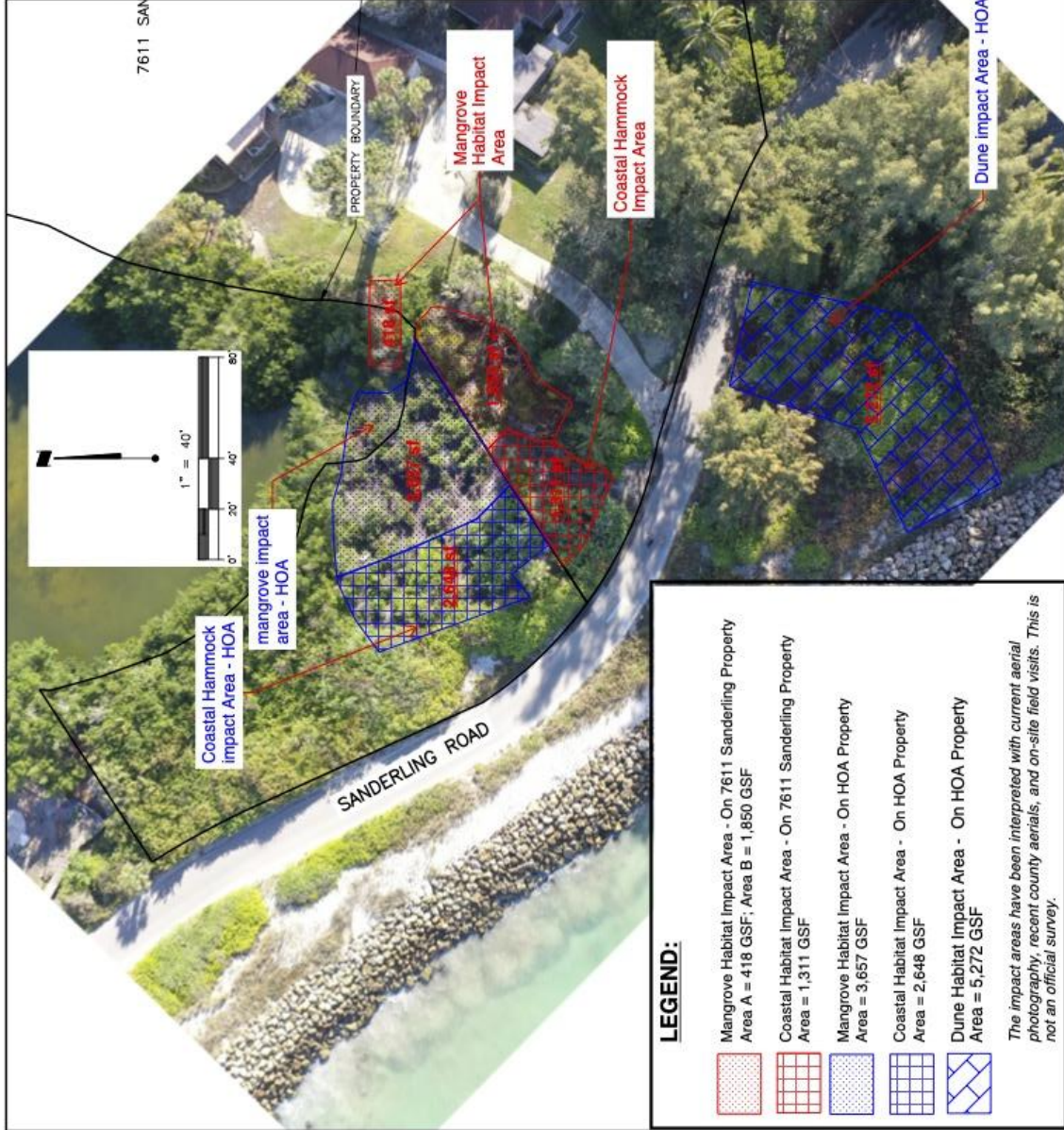
Mangrove Habitat: Damage to existing mangroves include over-trimming, and loss of canopy due to invasive removals (Australian Pine stumps found, along with multiple Brazilian peppers recently trimmed); One large Buttonwood permanently impacted. Significant invasive vine growth reducing quality of mangrove habitat.

Coastal Hammock: Damage to existing coastal hammock habitat includes over-trimming, and loss of canopy due to invasive removals (Australian Pine stumps found, along with multiple Brazilian peppers recently trimmed) Significant invasive vine growth reducing quality of habitat. Debris found.

Dune Impact: Damage to existing Coastal Dune Habitat includes trimming and or chemical treatment of existing invasive (i.e. Brazilian peppers) which further impacted any existing native habitat. Additional trimmings were left in place, causing further damage.

7611 Sanderling Rd

REVISION _____ DATE: 03/2022
 SCALE: 1" = 40'



LEGEND:

- Mangrove Habitat Impact Area - On 7611 Sanderling Property
Area A = 418 GSF; Area B = 1,850 GSF
- Coastal Hammock Impact Area - On 7611 Sanderling Property
Area = 1,311 GSF
- Mangrove Habitat Impact Area - On HOA Property
Area = 3,657 GSF
- Coastal Hammock Impact Area - On HOA Property
Area = 2,648 GSF
- Dune Habitat Impact Area - On HOA Property
Area = 5,272 GSF

The impact areas have been interpreted with current aerial photography, recent county aeriels, and on-site field visits. This is not an official survey.



Planning and Development Services
Environmental Protection

presents this

Certificate of Completion

To

Amber Delehanty

for completing

**Mangrove Trimming and Preservation
Online Training**

May 20th, 2022

Length of Program - 2 Hours

Print Certificate



Recommended Planting List within Mitigation areas.

From Gulfside:

Focus on natives for beach protection to prevent erosion, and redevelop damaged areas

Sea Oats
Railroad vine
Grasses (including possibly Muhly)
Panicum amarum/bitter dunegrass
Inkberry/Scaevola plumieri
Dune sunflower (possible)
Spartina patens
Cocoplum

Lagoon side:

Focus on mirroring the beach side to repair vegetation and have a natural layered look of similar vegetation.

Dune Sunflower (possible)
Grasses (including possibly Muhly, Spartina patens)
Cocoplum
Buttonwoods, alternating Silver and green
Sea Grapes
Lagoonside will be installation of Red, Black and White Mangroves, (within new zones)

Removal of Invasive plants

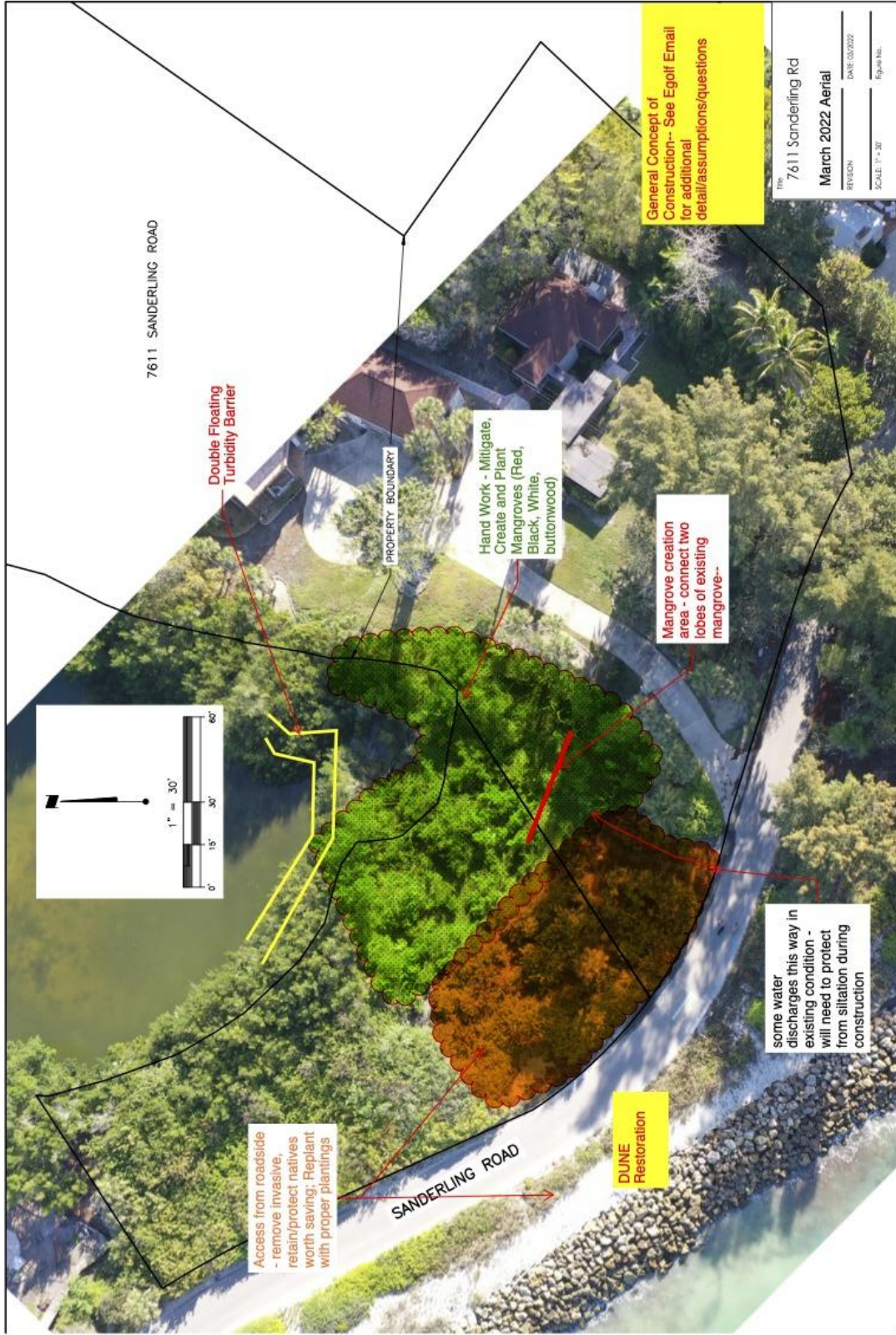
Naupaka (*Scaevola taccada*), Australian Pine, Brazilian pepper, Carrotwood, Ficus (previously topped), Vitex trifolia (purple)

Debris Removal: All debris will be removed from site to appropriate disposal.

Impact Avoidance:

Equipment will not be used immediately adjacent any Mangroves. All work will be performed by hand in the Mangrove area, including planting of Mangroves.

Removal of invasive species in the Lagoon side



7611 SANDERLING ROAD

Double Floating Turbidity Barrier

PROPERTY BOUNDARY

Hand Work - Mitigate, Create and Plant Mangroves (Red, Black, White, buttonwood)

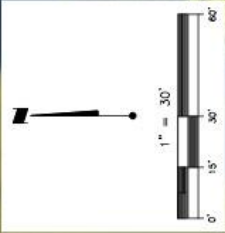
Mangrove creation area - connect two lobes of existing mangrove--

some water discharges, this way in existing condition - will need to protect from siltation during construction

Access from roadside - remove invasive, retain/protect natives worth saving; Replant with proper plantings

SANDERLING ROAD

DUNE Restoration



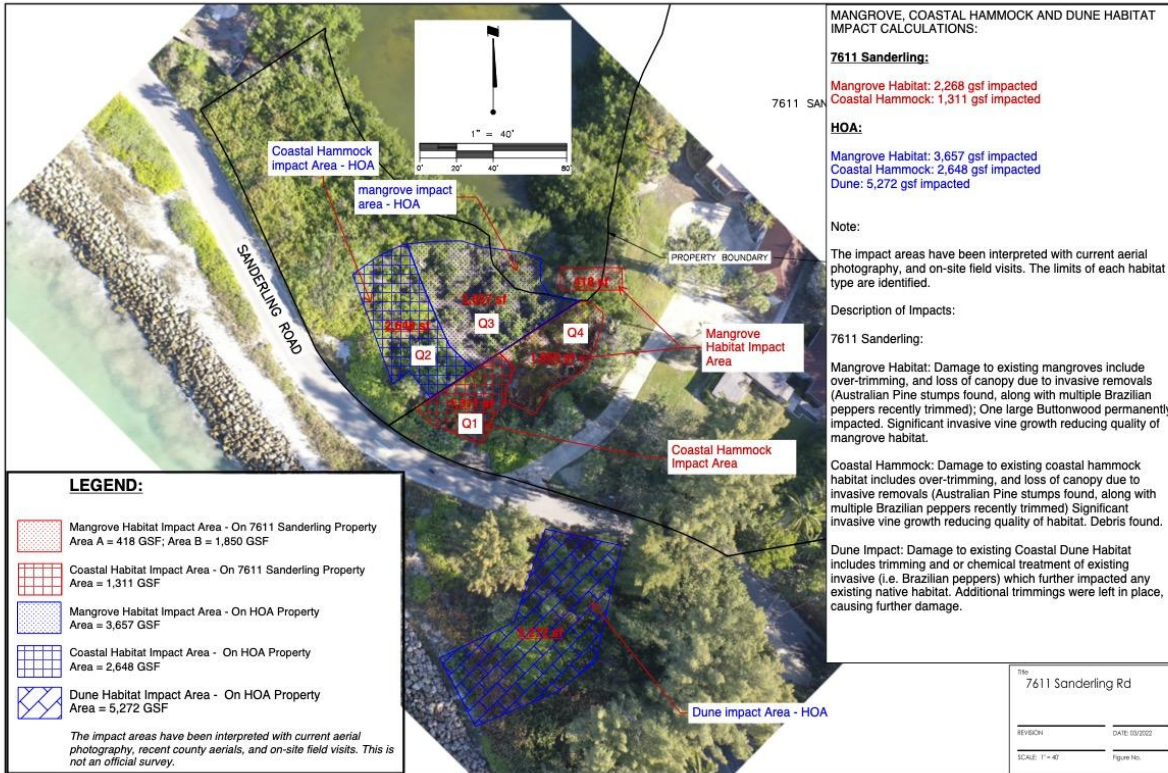
General Concept of Construction-- See Egoif Email for additional detail/assumptions/questions

7611 Sanderling Rd	
DATE: 03/2022	Figure No.:
REVISION:	SCALE: 1" = 30'
March 2022 Aerial	

Mangrove Quantification: Species damaged by the previous services performed.

Quadrant	Species Of Mangrove: R, B, WH	Buttonwoods	Sea Grape	Invasive species
Q 1 Sw corner/rig ht of path	R 2 DBH/ B 0 DBH/ W 2 DBH/	BW 2 AVE DBH/ HT		Brazilian Peppers, Scaveola VAR TBD Ventrifolia Vines (Potato, creeper) ficus Ipomea
Q 2 N of Q 1	R 16 DBH/ B 0 DBH/ W 25 DBH/	BW 13 AVE DBH/ HT	SG 2	BP, TBD VAR Carrotwood Thorny (Black Locust?) Vines (Potato, creeper) Ipomea
Q 3	R 36 DBH/ B 27 DBH/ W 45 DBH/	BW 8 AVE DBH/ HT		BP, TBD VAR Carrotwood Thorny (Black Locust?) Vines (Potato, creeper)
Q4	R 27 DBH/ B 8 DBH/ W 4 DBH/	BW 21 AVE DBH/ HT		BP, TBD VAR Carrotwood Thorny (Black Locust?) Vines (Potato, creeper)
				Ficus x 3 + starts Reclinata Ipomea aquatica Scaveola taccada Locust

See Map below for Quadrant Identification :



Mangrove Restoration, Mitigation & Maintenance Plan | 7611 Sanderling Rd, Sarasota

Plan for revisits for Photographic assessment, on site evaluation and Mitigation & Pruning as allowed in Permit # Mangrove Permit Application following the violation of the Property owners.

- Oversight: Staci Tippins, Sarasota County DEP
- Notifications of Report visits to be made,
- Files emailed for follow up site visits and reports.
- These reports will include:

Visit Date _____

Arborist: _____

Report Written: _____

All with appropriate photographic exhibits from pre-planned site locations.

The Violation of the Property as noted by Sarasota County:

21 170593 00 11

21 171995 00 CP Regarding Resource Protection Compliance

Phase I:

- Removal of remaining vegetative debris – there remains some debris from the alteration event that was small and neglected during the initial debris removal. Small twigs and branches litter the ground in the dune and mangrove habitats. For effective restoration, this remaining smaller debris needs to be removed.
- Removal and treatment of nuisance/invasive species – the remaining Brazilian pepper, Australian pine, and beach naupaka needs to be removed, and then stump treated to reduce resprout. All debris produced during this effort will need to be removed and discarded somewhere that it cannot resprout and spread (i.e. landfill or burned).
- Replanting of native dune and mangrove habitat species – create a planting plan based on the natural plant community to fill the areas now devoid of vegetation. Some good candidate species are sea grape, wax myrtle, cocoplum, etc. in the dune area on the east side of the road, and perhaps some dune grasses, railroad vine, dune sunflower, etc. on the west side of the road. For the mangrove area, red, white, or black mangroves can be planted where there is space. Removal of only debris, not roots of MAngroves will be performed. Mangroves will be implanted around the existing species, and supported with appropriate plantings and subsurface.
- Native species to be supported by irrigation installation and monitoring. All planted Red, Black and White Mangroves to be monitored for success

Phase II-Ongoing Monitoring and maintenance-

- Maintenance of nuisance/invasive species and supplemental plantings as needed, during the continued Visitation period.
- Monitoring – time zero report, 6-month report, and then annual monitoring reports for 3 years, to include Arborist PMT reports following visitation timeline and all appropriate images for record. Additional recommendations may be made at the time of visitation for the property for continuing mitigation and restoration.

