SARASOTA COUNTY ENVIRONMENTAL PROTECTION DIVISION MANGROVE TRIMMING AND PRESERVATION

PERMIT NO. 17-149010-RR

APPROVAL DATE: September 18, 2017 **EXPIRATION DATE**: September 18, 2022

OWNER:

PROFESSIONAL MANGROVE TRIMMER:

Sarasota County Government 1660 Ringling Blvd. Sarasota, FL 34236-6808 Russell Fey Sarasota Tree Service, Inc. 409 Avenida La Palma Nokomis, FL 34275

This permit document certifies that the Sarasota County Mangrove Trimming and Preservation Ordinance Administrator has reviewed the application and plans submitted by Anthony Bell (Project Manager, Public Works) on behalf of Sarasota County Government for the removal of four mangroves and the strategic trimming of 20 mangroves associated with construction approved through the Park Renovation Development Submittal 16-143106-DS along the southern edge of the entrance road to the boat ramp at Manasota Beach Park 8570 Manasota Beach Road. The attached plans conform to the requirements of Chapter 54, Article XXXV, of the Sarasota County Code of Ordinances (Ord. No. 2016-063). This permit is approved subject to the attached stipulations and the required inspections contained therein.

NOTICE: In addition to the requirements of this permit, there may be additional restrictions applicable to this property that may be found in the public records of this County, and there may be additional permits required from other governmental entities such as water management districts, State agencies, or Federal agencies.

The issuance of this permit does not relieve the owner(s) from any other permitting requirements of any other concerned local, State, or Federal agencies, where applicable.

If you have any questions regarding this permit, please contact Alyssa Vinson, Environmental Protection Division, at (941) 254-3225.

LOCATION: Mangrove shoreline of Manasota Beach Park (East Side) at 8570 Manasota Beach Road leading to Lemon Bay, Englewood, Florida 34223. PID: 0476-03-0001.

PRE-TRIM SHORELINE DESCRIPTION

The mangrove shoreline exists along Lemon Bay within a public park owned and managed by Sarasota County Government. The mangrove fringe subject to this permit is located along the southern border of the access road leading into the eastern park and boat ramp area, and contains

red mangroves (*Rhizophora mangle*) and black mangroves (*Avicennia germinans*). The trees range in height from 12 ft. to greater than 24 ft. The mangrove fringe depth ranges from 22 ft. to 42 ft. The shoreline is approximately 156 ft. in length. The boat ramp facility has multiple water access areas; public boat ramp, boardwalk and pier spaced throughout the shoreline. The mangrove fringe contains the following additional native plant species: green buttonwood (*Conocarpus erectus*), cabbage palm (*Sabal palmetto*) and coin vine (*Dalbergia ecastaphyllum*). The mangrove shoreline is entirely contained within a designated 'preservation area' identified in the approved as-built plans associated with the Turtle Beach Park Renovation Development Submittal 16-143106-DS.

Trimming Specifications

Existing Mangroves

Maximum depth of mangroves: 42 ft.

Maximum height of pre-trimmed mangroves: <24 ft.

Proposed Mangrove Configuration

Minimum trimmed height of mangroves: 6 ft.

Trimming style: branch reduction and prop root trim

Total area proposed to be trimmed: approximately 510 sq. ft. as shown on approved plans (attached).

Proposed Mangrove Removal

Number of mangroves proposed for removal: 4 as shown on approved plans

Required Inspections Contact Alyssa Vinson 941-254-3225 to schedule:

- 1. Pre-trimming inspection ⊠
- 2. Post-trimming inspection ⊠
- 3. Mitigation inspection ⊠

GENERAL PERMIT CONDITIONS

- 1. This permit may be used only for the above-referenced property in the location identified in the approved plants.
- 2. This permit may only be used to achieve a mangrove configuration necessary for the installation of the approved concrete retaining wall consistent with the attached and approved plans.
- 3. Trimming may not occur where a mangrove swamp extends more than 250 feet landward or waterward from the mean high water line in a direction perpendicular to the shoreline.

- 4. Mangroves not proposed for removal in the approved plans shall not be trimmed to a final overall height of less than 6 feet as measured from the substrate.
- 5. The use of herbicide or other chemicals for the purposes of defoliation is prohibited.
- 6. The height and configuration of mangroves trimmed in accordance with this permit may be maintained under an exemption as outlined in Chapter 54 Article XXXV Section 54-1076 of Sarasota County Ordinances.
- 7. No vertical trimming of mangroves is authorized other than removal of branches within the approved construction area. This permit does not approve the creation of a watershed view or hedge configuration of the mangrove shoreline.

SPECIAL PERMIT CONDITIONS

The mangrove fringe existing at this property is identified in approved Site and Development plans as 'preservation area'. Due to the identification of the mangrove fringe as a preserved native habitat, mitigation will be required in the form of onsite mangrove planting. Additionally, this alteration approval is only for alteration necessary during approved construction per Park Renovation Development Submittal 16-143106-DS. No future alteration is approved upon issuance of this permit. This permit does not authorize a hedge trim or water viewshed area. The trimming shall be limited to only those portions of mangroves within the approved construction area.

Mangrove roots provide structural support for the shoreline and should be protected even in cases where the tree has died. Where mangroves are proposed for removal, and they do not impede the approved construction, mangrove roots will be left in place.

This permit only authorizes the trimming and alteration configuration shown in the approved plans. Any trimming beyond the area shown on the plans is not allowed and will require separate approval.

FOR RIPARIAN PROPERTY OWNERS:

1. Trimming shall not exceed 65 percent of the mangroves along the shoreline that are taller than 6 feet in pre-trimmed height as measured from the substrate.

MITIGATION STIPULATIONS

1. 10 (3 gallon) red (*Rhizophora mangle*) and 10 (3 gallon) black (*Avicennia germinans*) mangroves shall be planted on the subject property shoreline in the area indicated in the approved plans to mitigate the proposed alteration. Mangroves to be planted must meet the following criteria:

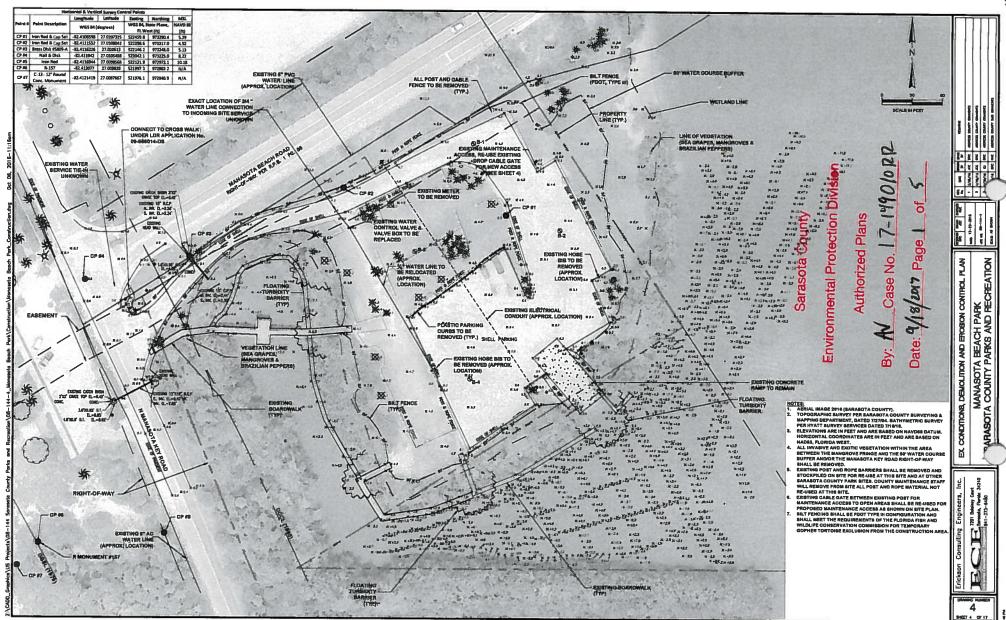
- a. Mangroves shall be sourced per the Florida Nursery Grades and Standards from nurseries within the same climatic zone as the subject property (10a).
- b. 3 gallon red mangroves shall meet the following criteria:
 - i. Height of at least 20 inches
 - ii. Caliper of at least 1/2 inch
 - iii. Crown of at least 6 inches
 - iv. Roots of at least 6 inches
 - v. Time in container of at least 6 months
- c. 3 gallon black mangroves shall meet the following criteria:
 - i. Height of at least 24 inches
 - ii. Caliper of at least 1/2 inches
 - iii. Crown of at least 18 inches
 - iv. Roots of at least 12 inches (branched)
 - v. Time in container of at least 9 months
- d. The success of any vegetation effort shall be monitored by the owner(s) (or designee) and shall also be subject to monitoring and enforcement by the County during the three-consecutive-year period following installation of vegetation. Photographs of the vegetated area shall be taken and forwarded to the Sarasota County Environmental Protection Division office following the initial vegetation effort and every year thereafter for a period of three years.
- e. A minimum annual survival rate of 85% over a three-year period is required.
- f. If the survival rate of planted vegetation falls below 85% during any year of the three-year monitoring period, supplemental planting shall be conducted at the end of that year. The vegetation effort shall be deemed successful and monitoring may cease when the number of plants needed to equal a cumulative survival of 85% is established for a period of one year without supplemental planting or irrigation during the monitoring period.
- 2. Any nuisance and invasive plant species, including but not limited to Brazilian pepper (Schinus terebinthifolius) and carrotwood (Cupaniopsis anacardioides) growing within 30 feet of the shoreline, shall be removed. This shoreline area shall be maintained free of nuisance and invasive species and any re-growth shall be removed.

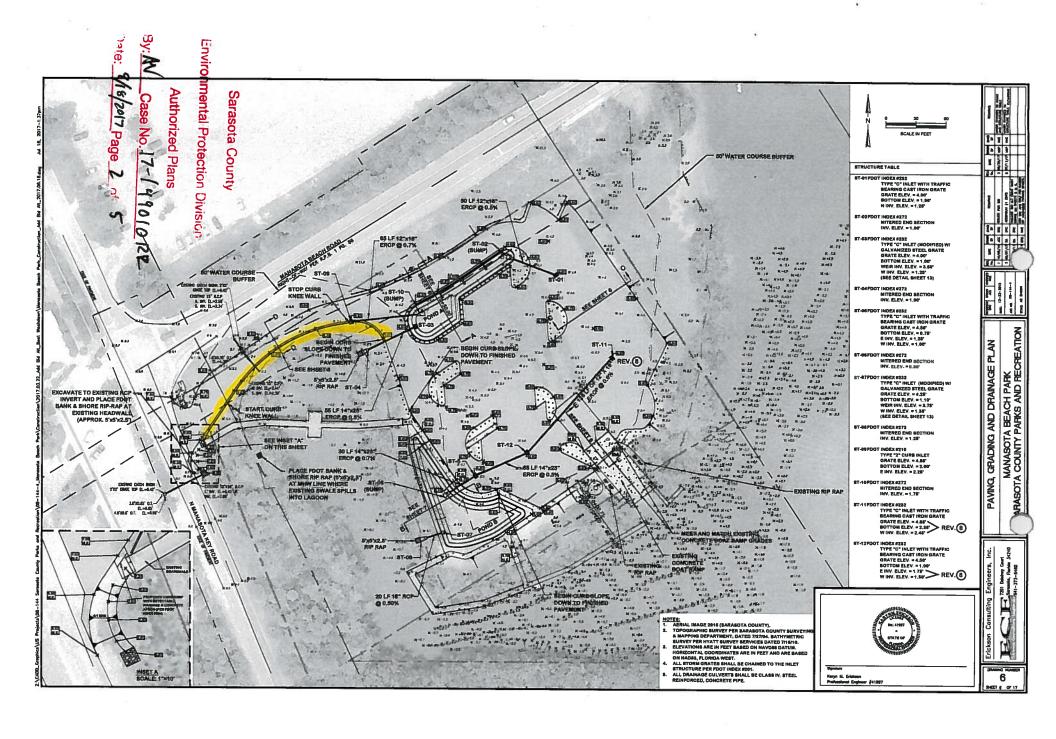
Alyssa A. Vinson

on behalf of the

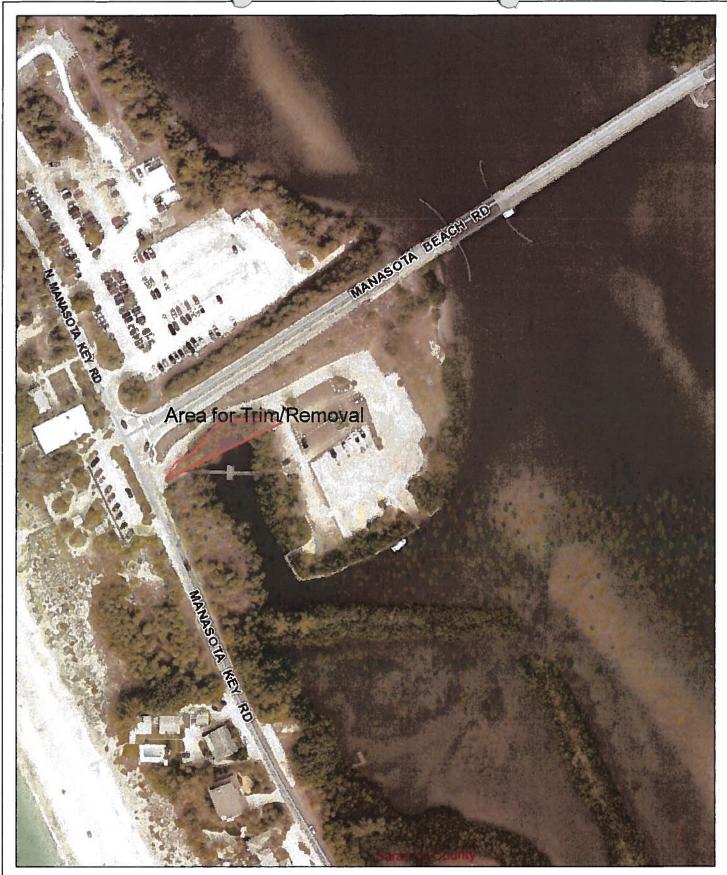
Mangrove Trimming and Preservation Ordinance Administrator

Attachments (Site Plans): 5 pages





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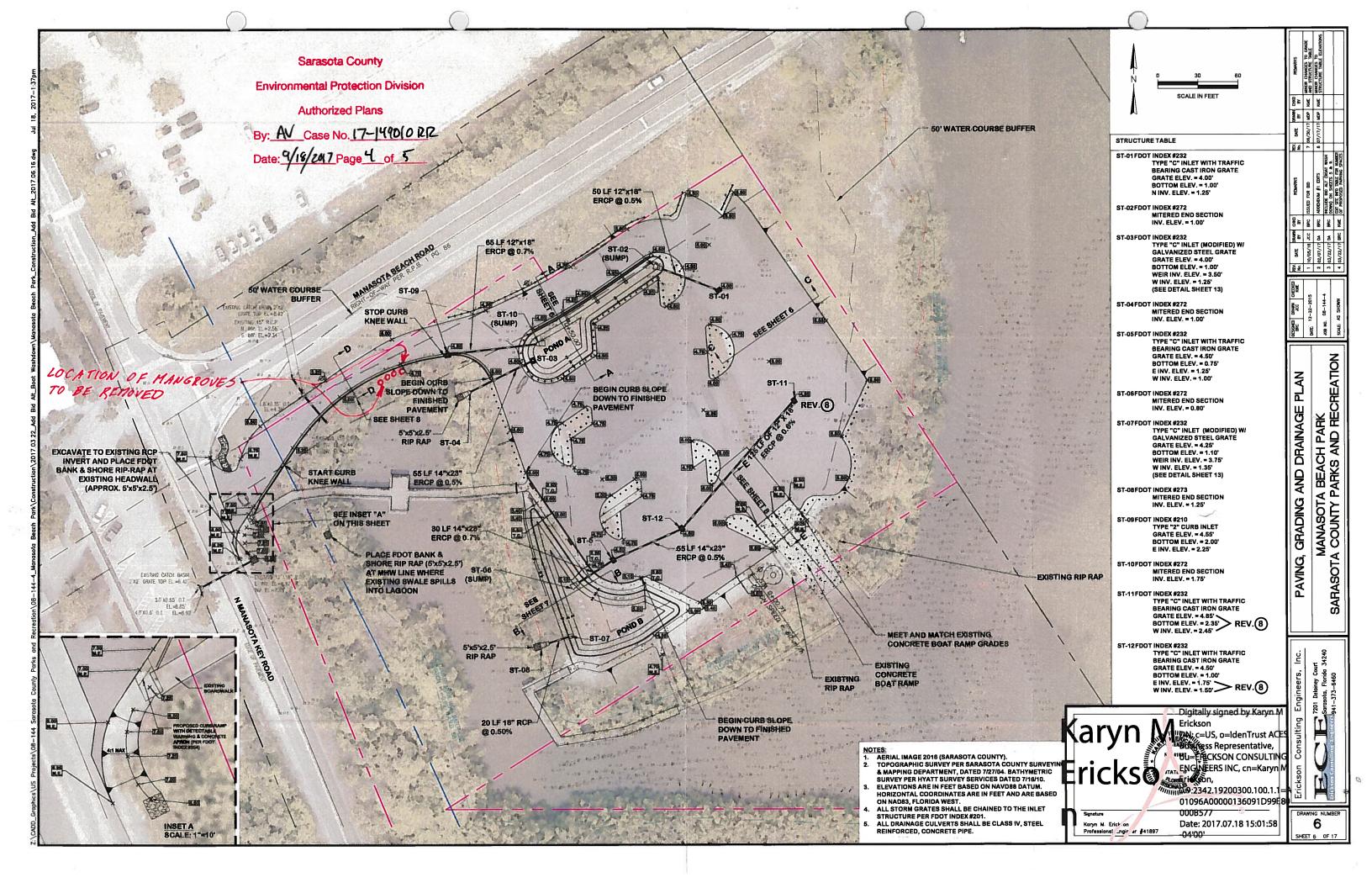


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Authorized Plans

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