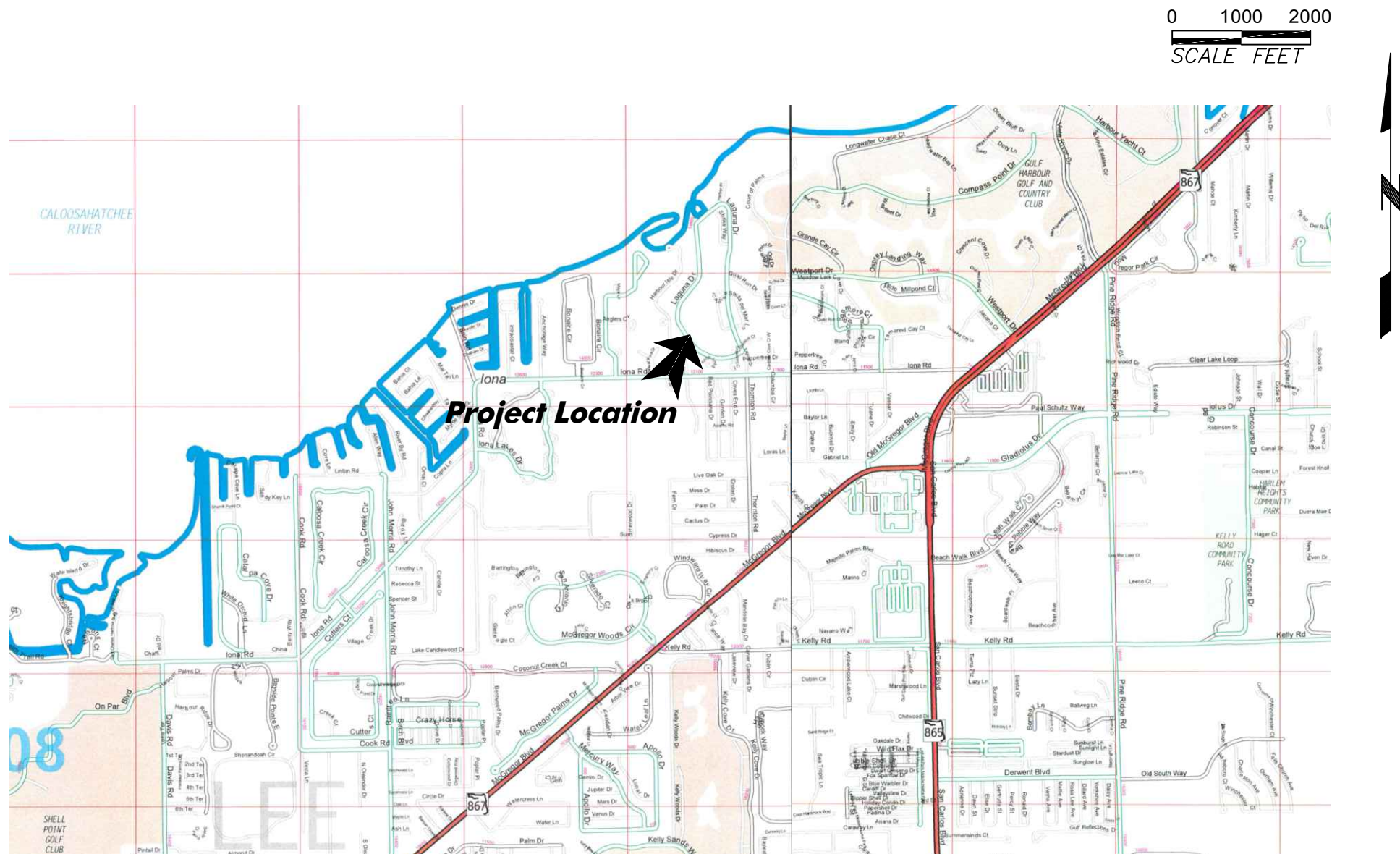


SECTION: 36
TOWNSHIP: 45 S
RANGE: 23 E



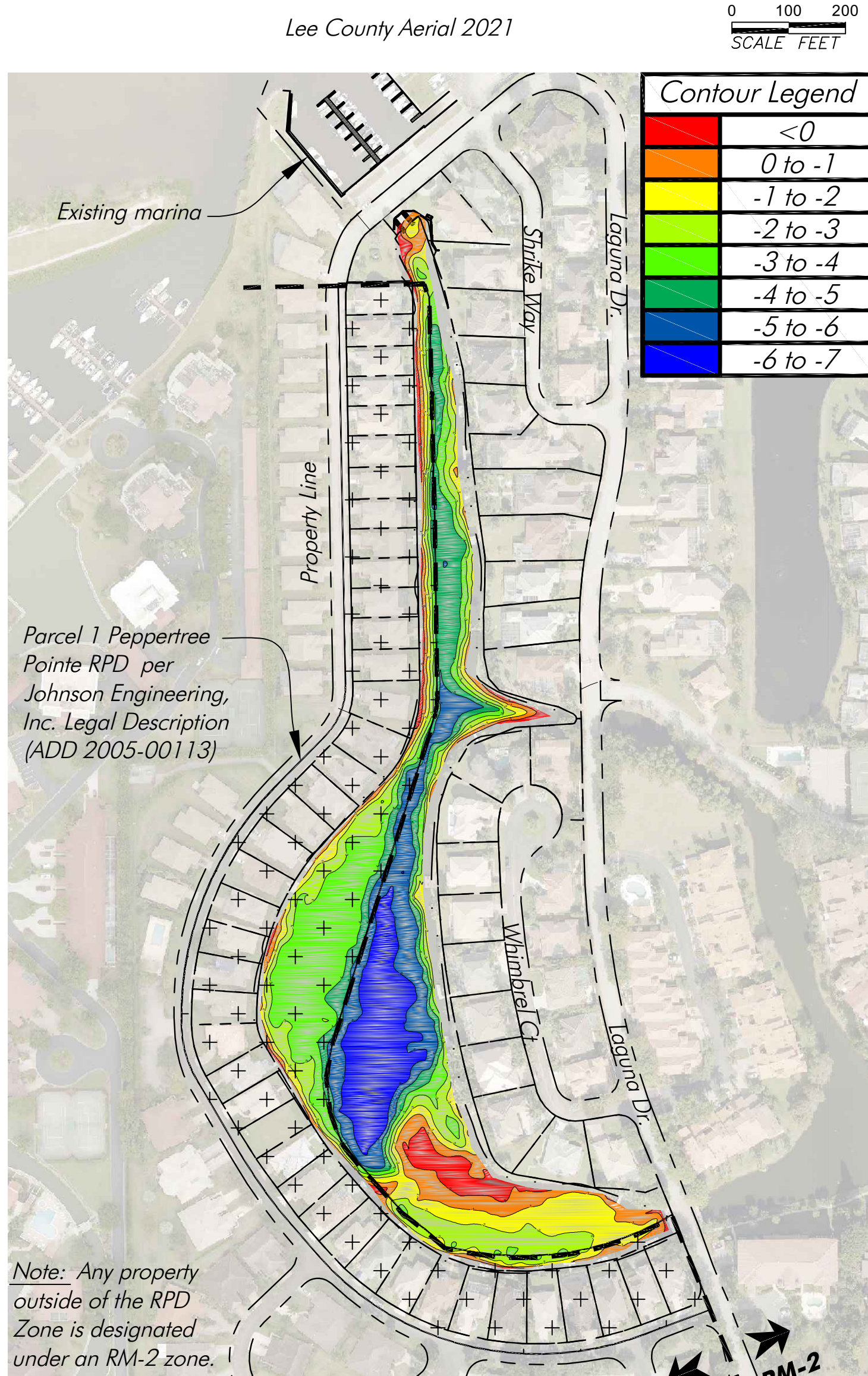
Vicinity Map

SCALE: 1" = 5 mi.



Location Map

SCALE: 1" = 2,000'



Bathymetric Survey

SCALE: 1" = 200'

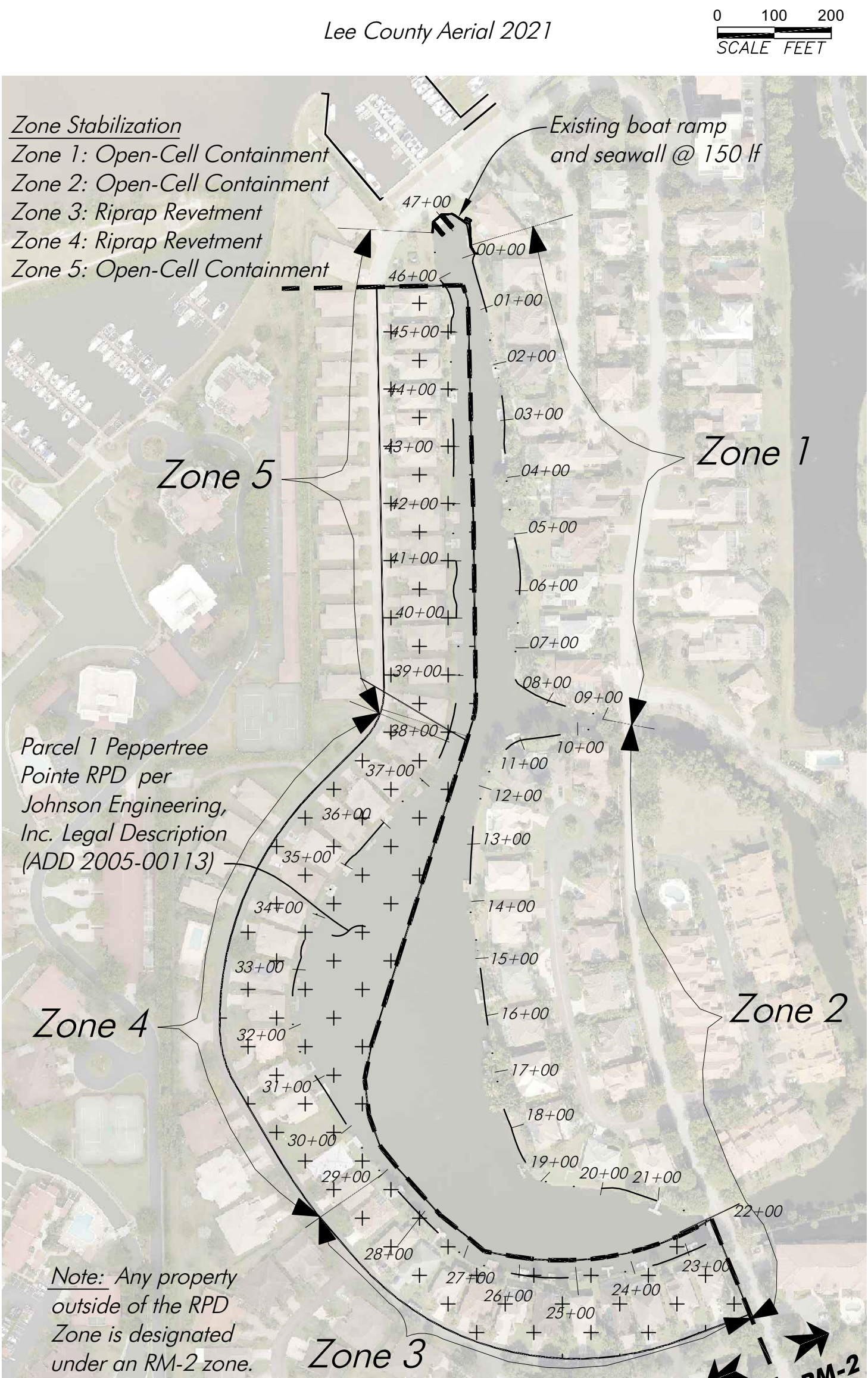
Parcel 1 Peppertree Pointe RPD
per Johnson Engineering, Inc. Legal
Description (ADD 2005-00113)

Note:
SFWMD Permit No. 36-90022-S
and Application No. 05166-E
SFWMD Permit Mod. No. 36-00683-S

Control Elevation(s) per design:
Lake Development = 3.0' NGVD (1.82' NAVD)

NGVD to NAVD Conversion Factor = -1.18'
Ex: 5.00' NGVD = 3.82' NAVD

Property lines per Lee County Property Appraiser.
Bathymetric survey completed by HWA, Inc. on
3-22-22. Depths reference NAVD.



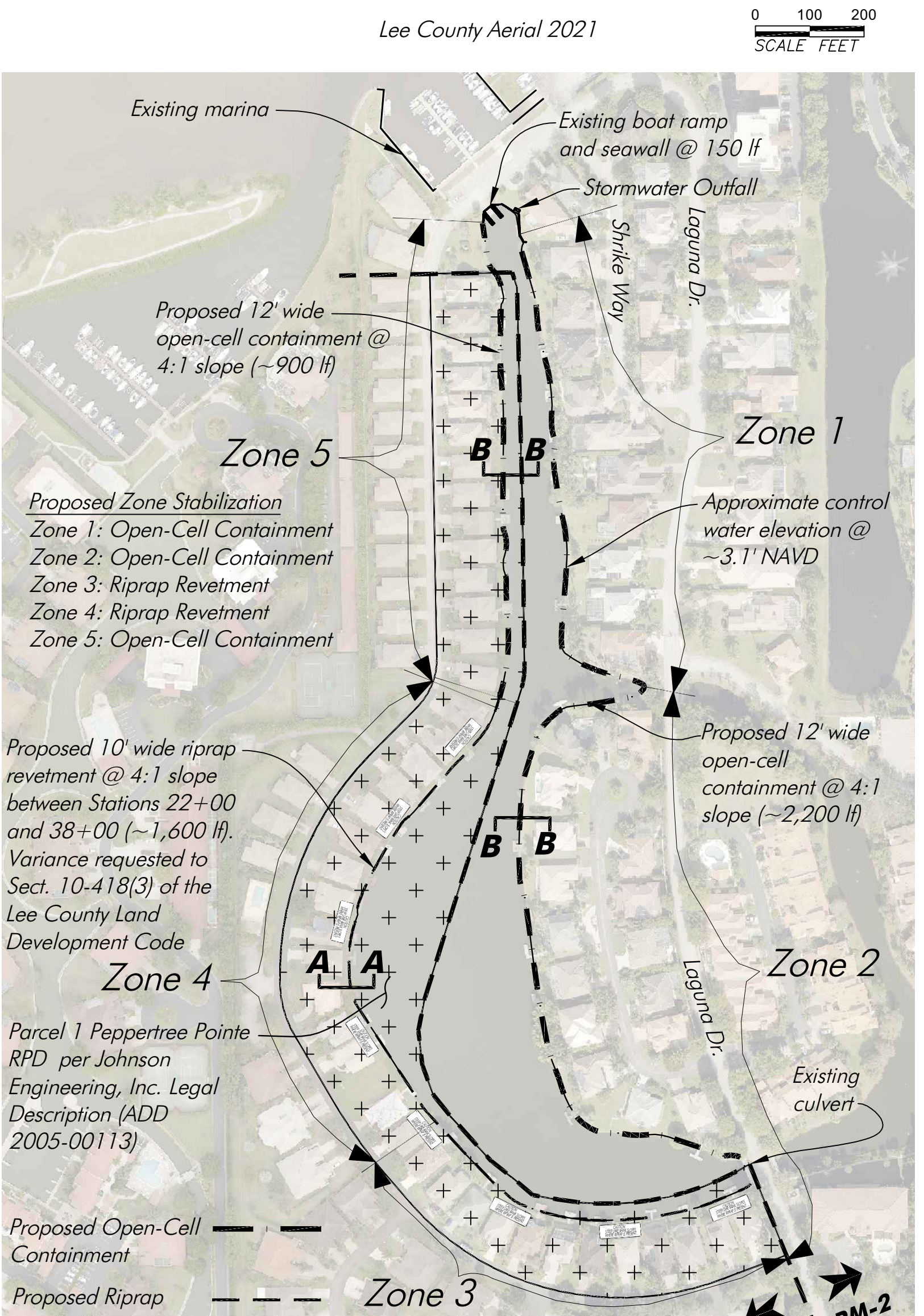
Existing Site Plan

SCALE: 1" = 200'

Parcel 1 Peppertree Pointe RPD
per Johnson Engineering, Inc. Legal
Description (ADD 2005-00113)

Note: The scale of these plans may have changed due to reproduction.

ADMINISTRATIVE DEVIATION PLANS, NOT FOR CONSTRUCTION



Proposed Site Plan

SCALE: 1" = 200'

Parcel 1 Peppertree Pointe RPD
per Johnson Engineering, Inc. Legal
Description (ADD 2005-00113)



Hans JM
Wilson

Digitally signed by
Hans JM Wilson
Date: 2024.05.02
15:47:37 -04'00'

This item has been digitally signed and sealed by Hans J.M. Wilson on the date adjacent to the seal. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies

HANS J.M. WILSON
REGISTERED PROFESSIONAL ENGINEER
FLORIDA REGISTRATION NO. 39680
CA. LIC. NO. 6519
DATE: NOV. 21, 2024, 4:46:28 p.m.
Drawing: WATSEDEGE/MASTER.DWG



1938 Hill Avenue, Fort Myers, Florida 33901
Office: 239-334-6870 Fax: 239-334-7810
MARINE and ENVIRONMENTAL CONSULTANTS

Administrative Deviation Request
Water's Edge at Peppertree Pointe
Shoreline Stabilization

DATE: 5-1-24

FILE: WatersEdge-3

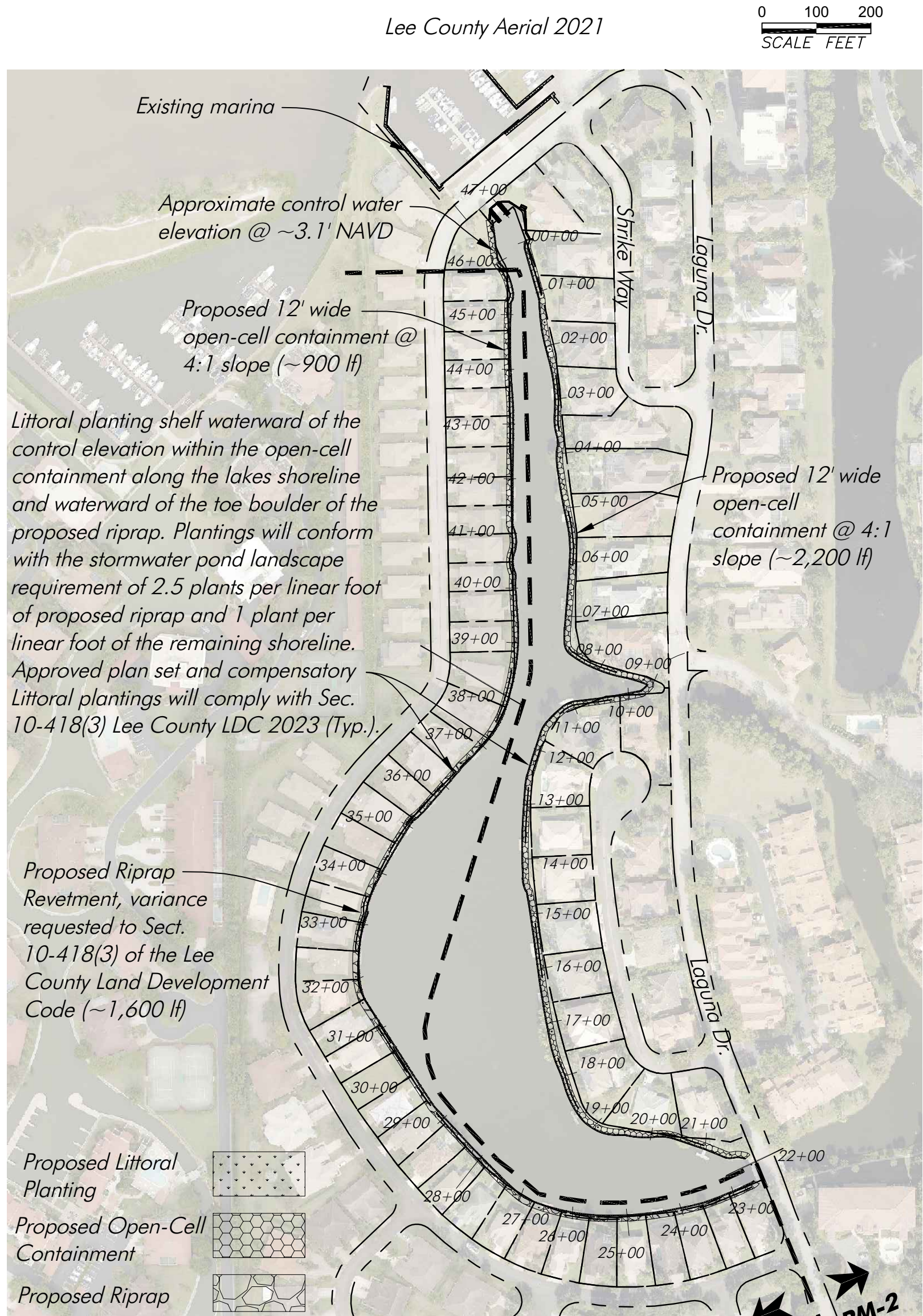
SCALE: as noted

DRAFTER: JWA

DATUM: as noted

SHEET: 1 of 2

SECTION: 36
TOWNSHIP: 45 S
RANGE: 23 E



Littoral Planting Plan

SCALE: 1" = 200'

Note: Plantings must be installed in clusters at set intervals. Clusters to contain a minimum of 25 plants within a 50 sf area. There will be at least 6 clusters of 25 plants (or large clusters with at least 150 plants) per lot line along the shoreline to meet the Total Littoral Planting requirement.

Note:
SFWMD Permit No. 36-90022-S
and Application No. 05166-E
SFWMD Permit Mod. No. 36-00683-S

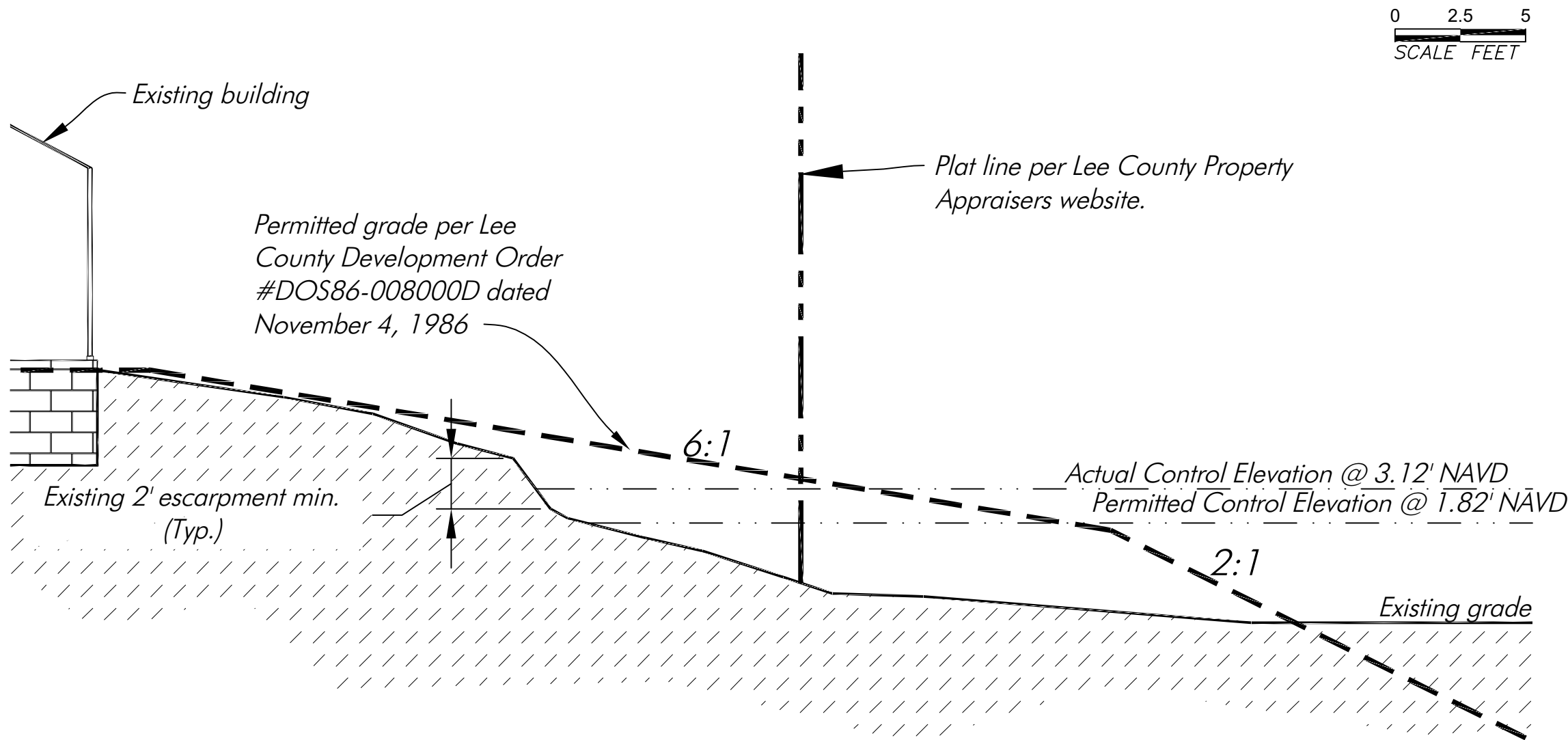
Control Elevation(s) per design:
Lake Development= 3.0' NGVD (1.82' NAVD)

NGVD to NAVD Conversion Factor = -1.18'
Ex: 5.00' NGVD = 3.82' NAVD

Property lines per Lee County Property Appraiser.
Bathymetric survey completed by HWA, Inc. on 3-22-22. Depths reference NAVD.

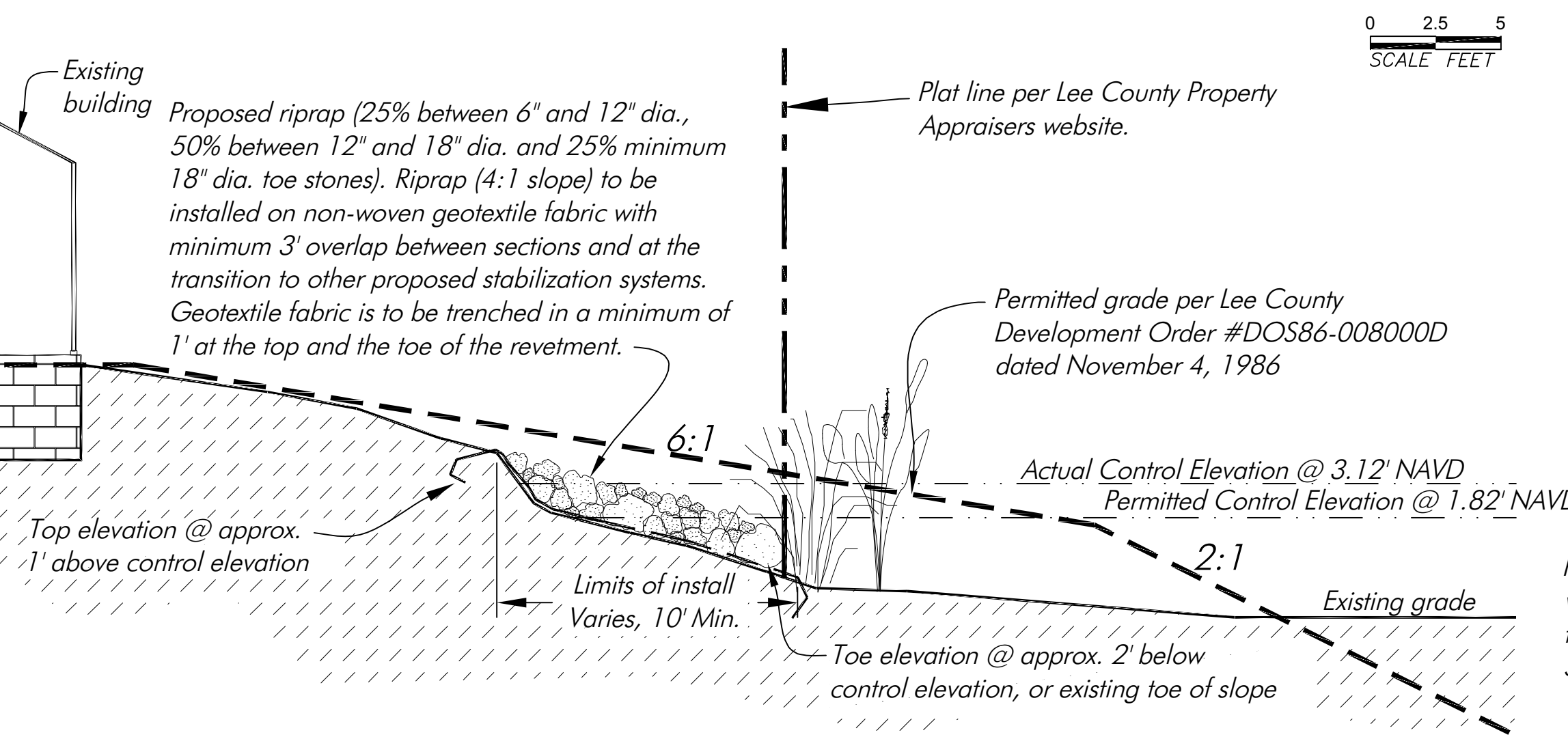
Note: The scale of these plans may have changed due to reproduction.

ADMINISTRATIVE DEVIATION PLANS, NOT FOR CONSTRUCTION



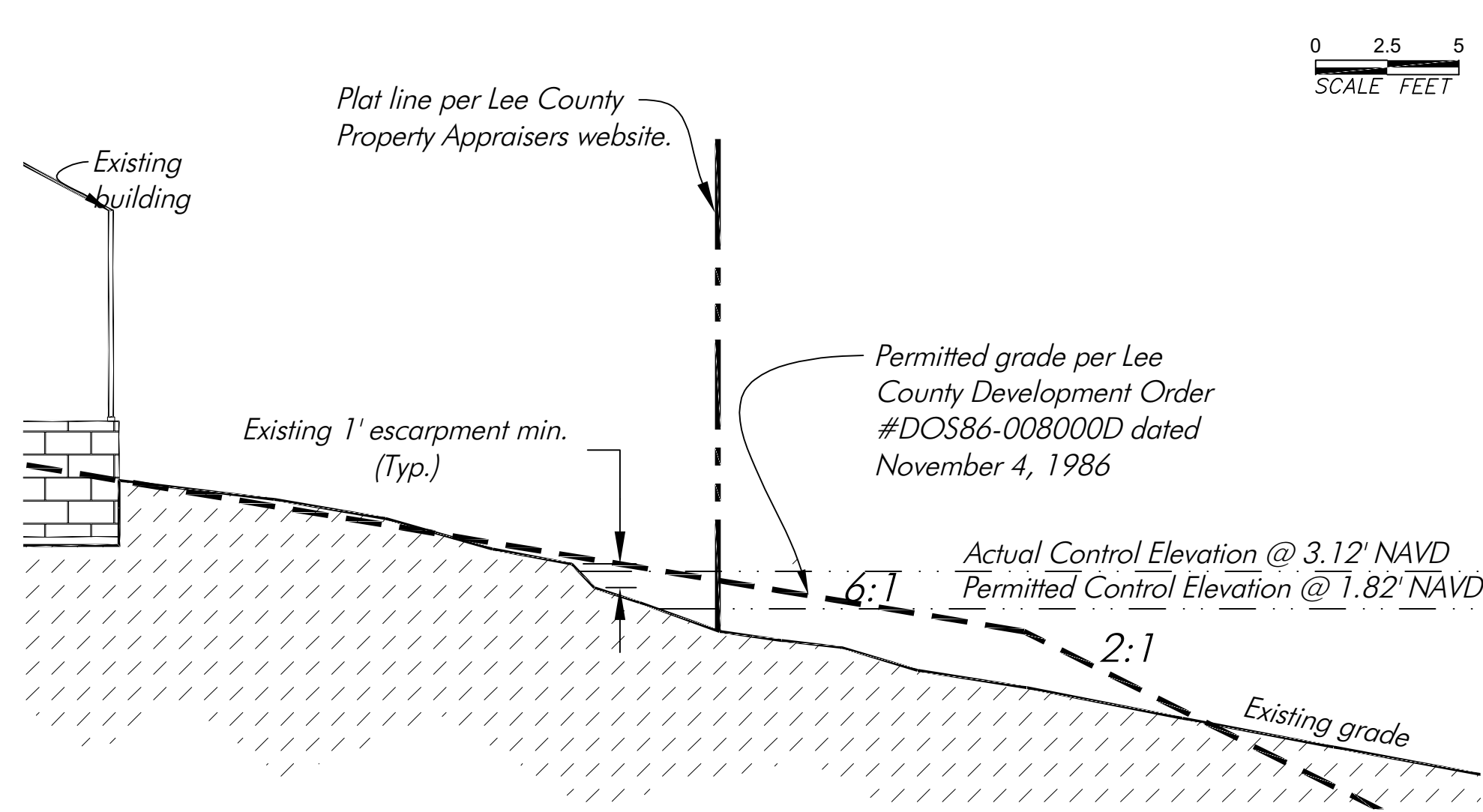
Existing Cross Section A-A (RPD Only)

SCALE: 1" = 5'



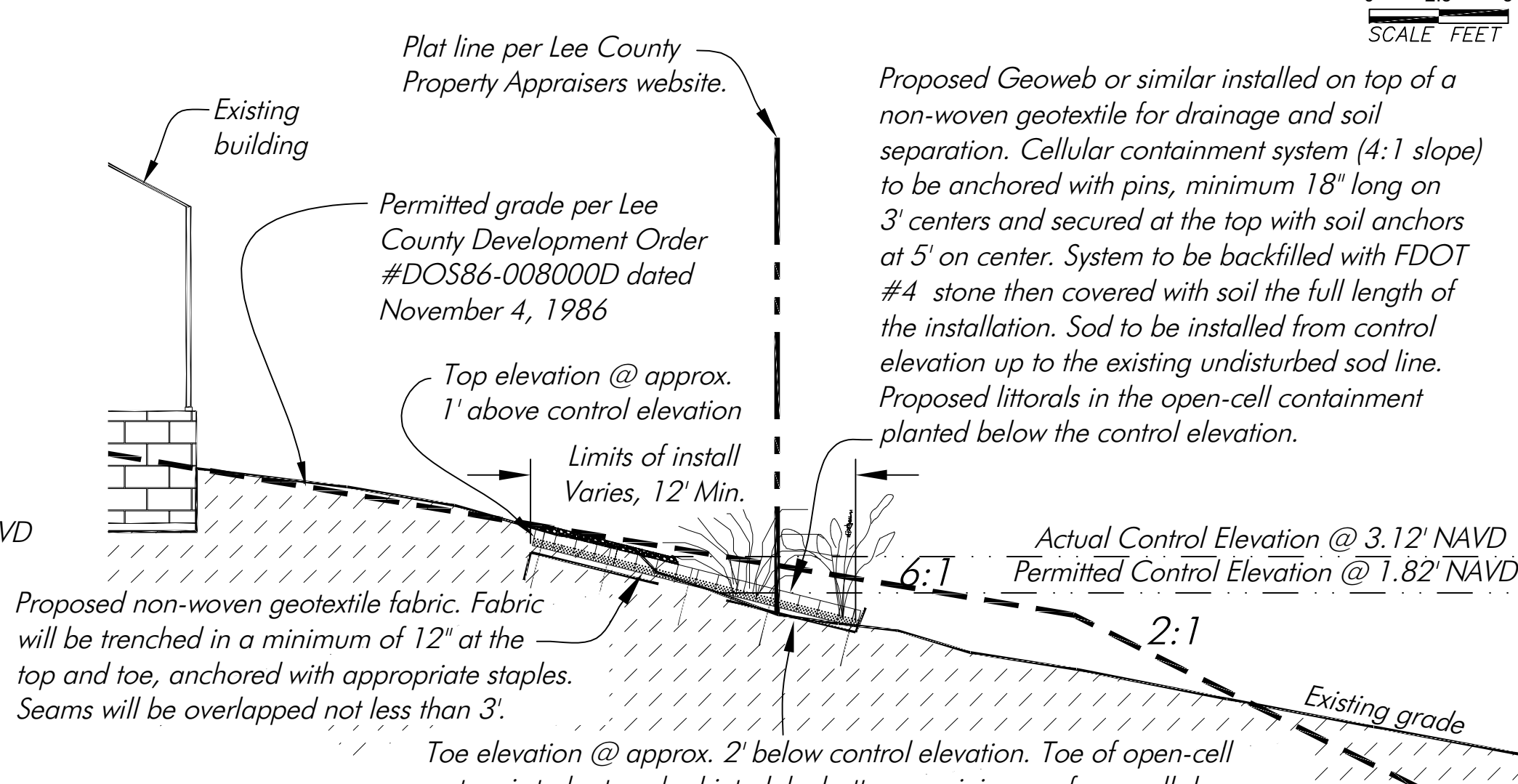
Proposed Cross Section A-A (RPD Only)

SCALE: 1" = 5'



Existing Cross Section B-B (RPD and RM-2)

SCALE: 1" = 5'



Proposed Cross Section B-B (RPD and RM-2)

SCALE: 1" = 5'

Note: The permitted control elevation @ 1.82' NAVD is used for the design parameters of the littoral planting and shoreline stabilization. Littoral planting will be waterward of the control elevation for the proposed open-cell containment and riprap revetment. The littorals will be planted within the cells of the open-cell containment as well as planted waterward of the toe boulder for the riprap. Plantings will conform with the stormwater pond landscape requirement of 2.5 plants per linear foot of proposed riprap and 1 plant per linear foot of the remaining shoreline. Approved plan set and compensatory Littoral plantings will comply with Sec. 10-418(3) Lee County LDC 2023 (Typ.).

Littoral Planting Schedule for RM-2 Zone Shoreline Stabilization

Lake Shoreline Linear Feet	Structural Shoreline Linear Feet	Structural Shoreline Percentage	Compensatory Littoral Plantings	Total Littoral Plantings
Water's Edge	4,830	0	0	4,830

Littoral Planting Schedule for RPD Zone Shoreline Stabilization

Lake Shoreline Linear Feet and Number of Plants*	Structural Shoreline Linear Feet	Structural Shoreline Percentage	Compensatory Littoral Plantings	Total Littoral Plantings
Water's Edge	4,830	1,600	33%	4,000

Littoral Vegetation:

- Plantings will conform with the stormwater pond landscape requirement of 1 plant per linear foot of shoreline and 2.5 additional plants per linear foot for structural shoreline.
- Littoral planting shelf will be waterward of the lake's shoreline control elevation.
- Plantings must be installed in clusters at set intervals. Clusters to contain a minimum of 25 plants within a 50 sf area.
- The littoral plantings will include a minimum of 4 native species and will be minimum 2-inch liner container plants.
- The littoral plantings will be equal quantities of at least four species from the following: Duck Potato (*Sagittaria* spp.), Spikerush (*Eleocharis* spp.), Softtush (*Juncus Effesus*), Swamp Lily (*Crinum Americanum*), Golden Canna (*Canna Flaccida*), Arrowhead (*Sagittaria Lancifolia*), Pickerelweed (*Pontederia Cordata*), Blueflag Iris (*Iris Virginicus*), Sand Cordgrass and Smooth Cordgrass (*Spartina Bakerii*).
- Any existing littorals in place at the time of stabilization completion will not require new plantings. Littorals (new and existing) must be at a minimum equal to the total plantings before the stabilization work can be certified complete.

This item has been digitally signed and sealed by Hans J.M. Wilson on the date adjacent to the seal. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

HANS J.M. WILSON
REGISTERED PROFESSIONAL ENGINEER
FLORIDA REGISTRATION NO. 39650
CA. LIC. NO. 8519
DATE: Nov. 02, 2024 10:36:19 a.m.
Drawing: WATSEDEGE/MASTER.DWG



1938 Hill Avenue, Fort Myers, Florida 33901
Office: 239-334-6870 Fax: 239-334-7810
MARINE and ENVIRONMENTAL CONSULTANTS

Administrative Deviation Request Water's Edge at Peppertree Pointe Shoreline Stabilization

DATE: 5-2-24	FILE: WatersEdge-3	SCALE: as noted
DRAFTER: JWA	DATUM: as noted	SHEET: 2 of 2