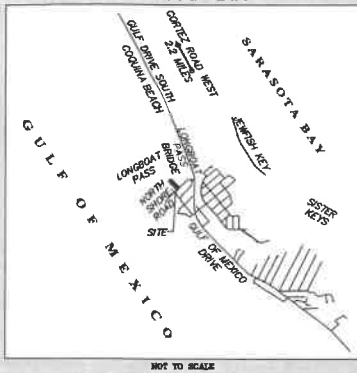


LOCATION MAP

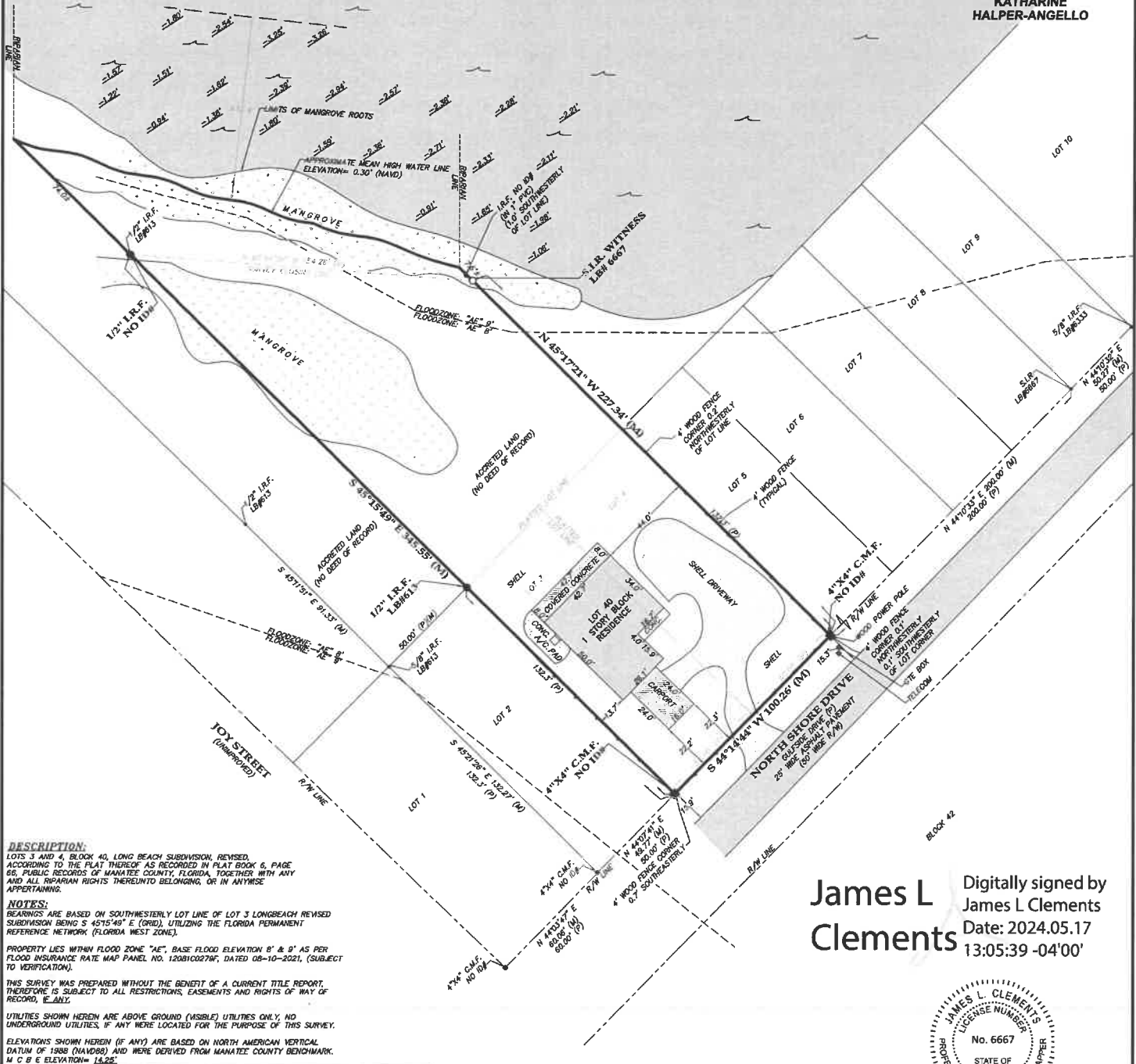


BOUNDARY SURVEY OF LOT, SEED, DON HEREIN, SUBDIVISION, LONG BEACH REVISED
 SECTION 18, TOWNSHIP 31, RANGE 16, EAST, AS RECORDED IN PLAT BOOK 6, PAGE 66, PUBLIC RECORDS OF MANATEE COUNTY, FLORIDA, PARCEL ID # 7812800008, CURRENT ZONING
 PROPERTY ADDRESS: 350 NORTH SHORE ROAD, LONGBOAT KEY, 34228

0 30 60

Exclusive Use Of:
 JOSEPH ANGELLO
 KATHARINE
 HALPER-ANGELLO

LONG BOAT PASS



DESCRIPTION:

LOTS 3 AND 4, BLOCK 40, LONG BEACH SUBDIVISION, REVISED, ACCORDING TO THE PLAT THEREOF AS RECORDED IN PLAT BOOK 6, PAGE 66, PUBLIC RECORDS OF MANATEE COUNTY, FLORIDA, TOGETHER WITH ANY AND ALL RIPIARIAN RIGHTS THEREUNTO BELONGING, OR IN ANYWISE APPERTAINING.

NOTES:

BEARINGS ARE BASED ON SOUTHWESTERLY LOT LINE OF LOT 3 LONG BEACH REVISED SUBDIVISION BEING S 45°15'40" E (GRID), UTILIZING THE FLORIDA PERMANENT REFERENCE NETWORK (FLORIDA WEST ZONE).

PROPERTY LIES WITHIN FLOOD ZONE "AE", BASE FLOOD ELEVATION 8' & 9' AS PER FLOOD INSURANCE RATE MAP PANEL NO. 12081C0278F, DATED 08-10-2021, (SUBJECT TO VERIFICATION).

THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF A CURRENT TITLE REPORT, THEREFORE IS SUBJECT TO ALL RESTRICTIONS, EASEMENTS AND RIGHTS OF WAY OF RECORD, IF ANY.

UTILITIES SHOWN HEREIN ARE ABOVE GROUND (VISIBLE) UTILITIES ONLY, NO UNDERGROUND UTILITIES, IF ANY WERE LOCATED FOR THE PURPOSE OF THIS SURVEY.

ELEVATIONS SHOWN HEREIN (IF ANY) ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) AND WERE DERIVED FROM MANATEE COUNTY BENCHMARK, M C B E ELEVATION= 14.28'.

CLEMENTS SURVEYING, INC.



509 8th Avenue West
 Suite 140
 Palmetto, Florida 34221
 Phone: 729-6690 Email: office@clements.biz

SCALE: 1" = 30'
 JOB NO. 2024-118 Drawn By JAY
 Boundary 04-28-2024 FB 307 PG 52 Other 05-16-2024 SOUNDINGS
 Foundation FB PG Other
 Final FB PG Revision
 Update FB PG Revision

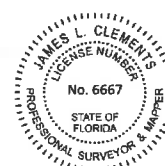
CERTIFICATION OF SURVEYOR

By: *James L. Clements*
 JAMES L. CLEMENTS, P.S.M. # 4091
 Licensed Business No. 6667

DATE OF CERTIFICATION 05-17-2024.

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER

James L Clements
 Digitally signed by
 James L Clements
 Date: 2024.05.17
 13:05:39 -04'00'



LEGEND
 □=Concrete Monument
 (M)=Measured (D)=Deed
 * =Iron Rod Found (L.R.F.)
 O=Iron Rod Set (L.R.S.) #5567
 * =Iron Pipe Found (I.P.F.)
 TBM=Temporary Bench Mark
 * =Wellar Flag
 C=Proposed Elevation
 O/P=Overhead Power Lines
 P=Point of Beginning
 R=Radial (P)=Plot
 CMF=Concrete Monument Found
 RPB=Point of Beginning
 R/W=Right of Way
 RCB=Point of Reverse Curve
 F.N.D.=Found Nail & Disk
 C=Concrete Monument Set #6667
 PRM=Permanent Reference Monument



Prepared By: Florida Shoreline and Foundation
 4561 Clark Rd., Sarasota, FL 34233
 www.shorelineandfoundation.com
 941-927-1410 CBC 1260841 - SCC 131151783

Scale:
 3/8" = 1'

Drawing Date:
 Dec 11, 2023

Typical Residential Dock Detail

Pile Cap (header) and Bolt Chart Design Live Load of 40 PSF

For 12' Longitudinal Spacing			For 10' Longitudinal Spacing		
Pile width: ft	Cap size: In	Bolt size: In	Pile width: ft	Cap size: In	Bolt size: In
4' or less	(2) 2" x 8"	(2) 5/8" dia	4' or less	(2) 2" x 8"	(2) 5/8" dia
6'	(2) 2" x 8"	(2) 5/8" dia	6'	(2) 2" x 8"	(2) 5/8" dia
8'	(2) 2" x 8"	(2) 5/8" dia	8'	(2) 2" x 8"	(2) 5/8" dia
10'	(2) 2" x 12"	(2) 5/8" dia	10'	(2) 2" x 10"	(2) 5/8" dia
12'	(2) 3" x 12"	(2) 3/4" dia	12'	(2) 2" x 12"	(2) 3/4" dia

When constructed as shown, this structure will withstand loads associated with wind speeds of 160 MPH, and is in compliance with Florida Building Code, 8th Edition – 2023, and all local amendments

Alan James PE

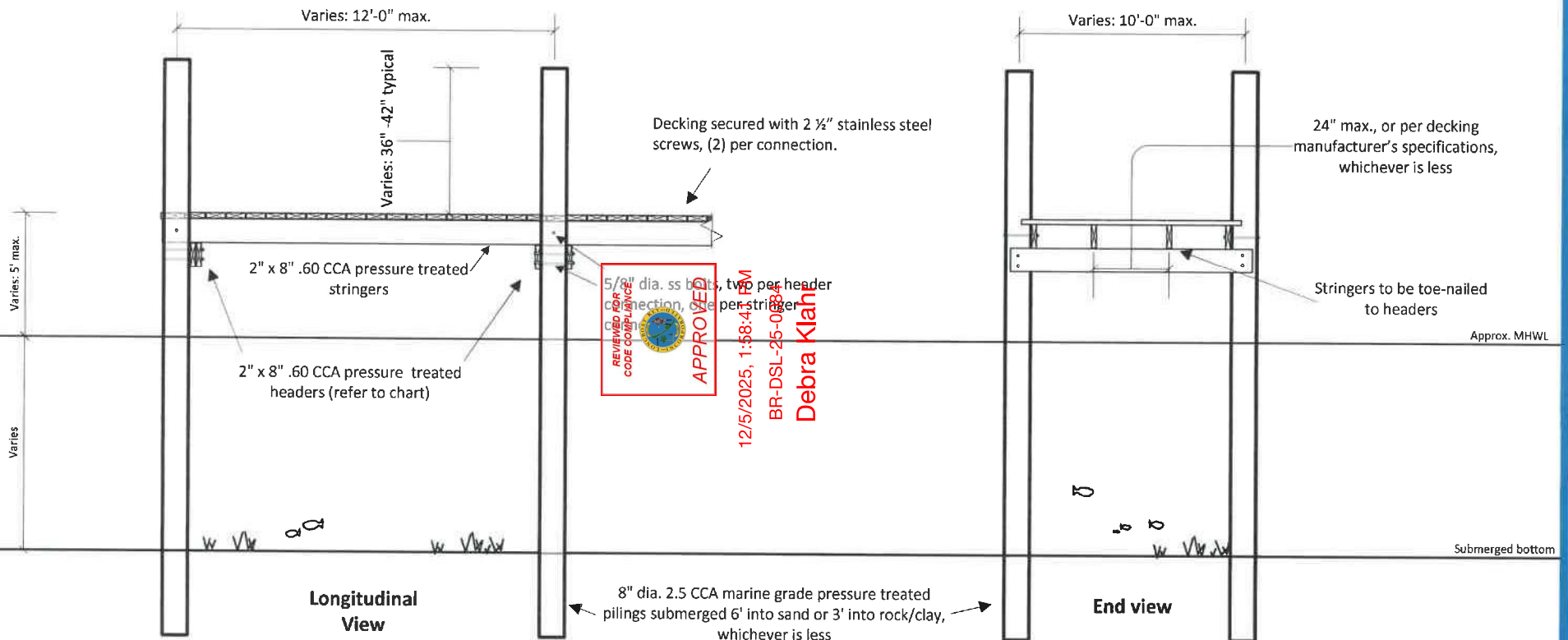
Digitally signed by Alan James PE
 Date: 2023.12.20 15:24:00 -05'00'



This item has been electronically signed and sealed by Alan James PE. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

THIS DRAWING IS GOOD/VALID UNTIL FURTHER NOTICE. Alan James

- Headers and stringers to be SYP 2" x 8" .60 CCA pressure treated S4S timbers, or better
- Header connection to pilings to utilize (2) 5/8" stainless steel bolts
- Stringer connection to piling to utilize (1) 5/8" stainless steel bolt

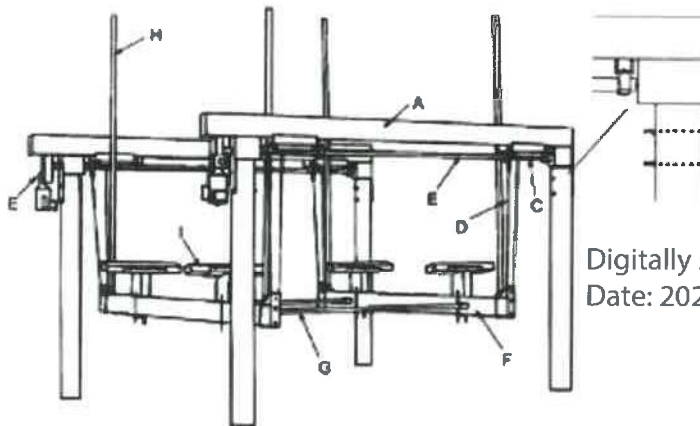


DECO Engineering Specs: Concept Aluminum - 2 Motor Lifts

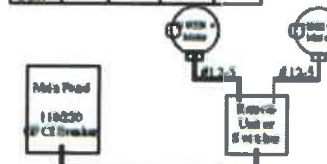
	A	B	C	D	E	F	G	H	I								
Lift Capacity (lbs)	Upper Beams	Drive Shafts	Winders	Cables	Cable Spread	Motors HP Voltage (TENV)	Motor Pulley Dia	Gearbox Pulley Dia	Gear Ratio	Belt Size	Lower Beams	Spinner Pipe	Guide Posts	Chocks	Bulk Boards	In. of Lift/Min	Piling (Qty) Size
4,000	4" x 4" Box 1/4" Thick 10'	1.5" Sch 40 Galv	2" Sch 80 Alum	3/8" S S 1 Part	78"	(2) 3/4 HP 120V/13A 240V/7A	2"	10"	250 to 1	37"	4" x 4" Box 1/4" Thick 10'	1.5" Alum Sch 40 6 2"	80"	Small-18"	2"x8" 10' Lg	48"/Min	(4) 8"
6,000	4" x 6" Box 1/4" Thick 12'	1.5" Sch 40 Galv	2" Sch 80 Alum	3/8" S S 1 Part	90"	(2) 3/4 HP 120V/13A 240V/7A	2"	10"	250 to 1	37"	4" x 6" Box 1/4" Thick 11'	1.5" Alum Sch 40 7 2"	80"	Small or Med-18"	2"x10" 12' Lg	48"/Min	(4) 8"-10"
10,000	4" x 6" Box 1/4" Thick 14'	1.5" Sch 40 Galv	2" Sch 80 Alum	3/8" S S 2 Part	114"	(2) 3/4 HP 120V/13A 240V/7A	2"	10"	250 to 1	37"	4" x 6" Box 1/4" Thick 12'	1.5" Alum Sch 40 9 2"	80"	Small or Med-18"	2"x10" 12' Lg	24"/Min	(4) 8"-10"
13,000	4" x 8" Box 1/4" Thick 14'	1.5" Sch 40 Galv	2" Sch 80 Alum	3/8" S S 2 Part	114"	(2) 3/4 HP 120V/13A 240V/7A	2.5"	12"	300 to 1	42"	4" x 8" Box 1/4" Thick 12'	1.5" Alum Sch 40 9 2"	120"	Large-18" or 24"	2"x10" 14' Lg	24"/Min	(4) 8"-10"
16,000	4" x 8" Box 1/4" Thick 16'	1.5" Sch 80 Galv	2" Sch 80 Alum	3/8" S S 2 Part	138"	(2) 1 HP 120V/13A 240V/7A	2.5"	12"	300 to 1	42"	4" x 8" Box 1/4" Thick 14" x 14" (1) PB-14'	1.5" Alum Sch 40 11 2"	120"	Large-18" or 24"	3"x10" 16' Lg	24"/Min	(4) 10"-12"
20,000 4 Piling	4" x 8" Box 1/4" Thick 18' x 19' (1) PB-19'	1.5" Sch 80 Galv	2" Sch 80 Alum	3/8" S S 3 Part	138"	(2) 1 HP 120V/13A 240V/7A	2.5"	12"	300 to 1	42"	4" x 8" Box 1/4" Thick 16" x 13" (2) PB-13'	1.5" Alum Sch 40 10' 6"	120"	Large-18" or 24"	3"x10" 16' Lg	16"/Min	(4) 10"-12"
20,000 6 Piling	4" x 8" Box 1/4" Thick 16'	1.5" Sch 80 Galv	2" Sch 80 Alum	3/8" S S 3 Part	138"	(2) 1 HP 120V/13A 240V/7A	2.5"	12"	300 to 1	42"	4" x 8" Box 1/4" Thick 16" x 13" (2) PB-13'	1.5" Alum Sch 40 10' 6"	120"	Large-18" or 24"	3"x10" 16' Lg	16"/Min	(6) 10"

Piling Mount to be through bolted with (2) 3/4" bolts (4 or 6 Locations)

Min. Recommended Wire Size	600'	200'	300'	600'
3/4" 110v	#10	#06	N/A	N/A
3/4" 220v	#12	#10	#08	#06
1" 110v	#08	#06	N/A	N/A
1" 220v	#10	#08	#06	#04



Digitally signed by Thomas Witte
Date: 2024.01.21 08:37:10 -05'00'



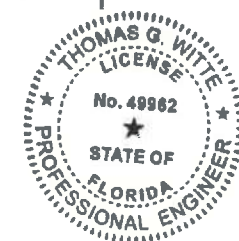
Note: The lift structure is designed to withstand wind speeds up to 180 mph per 2023 F B C and ASCE 7-22 provided vessels are not stored on lifts during high wind events and the lift structure is in full up position

Bottom penetration to be in conformance with local regulations/codes and a minimum of 10' into the subsurface. All structural components of DECO Lifts consist of 6061-T6 Marine Grade Aluminum, all fasteners and hardware are 304 Stainless Steel

DECO Power Lift, Inc., 1641 Harbor Lake Dr., Safety Harbor FL 34695
800-264-4178 www.decoatlift.com

This item has been digitally signed and sealed by Thomas G. Witte, PE on 1/15/2024 using a digital signature.

Printed Copies of this document are not considered signed and sealed and the SHA Code must be verified on any electronic copies.



REVIEWED FOR
CODE COMPLIANCE



APPROVED

12/5/2025, 1:50:30 PM

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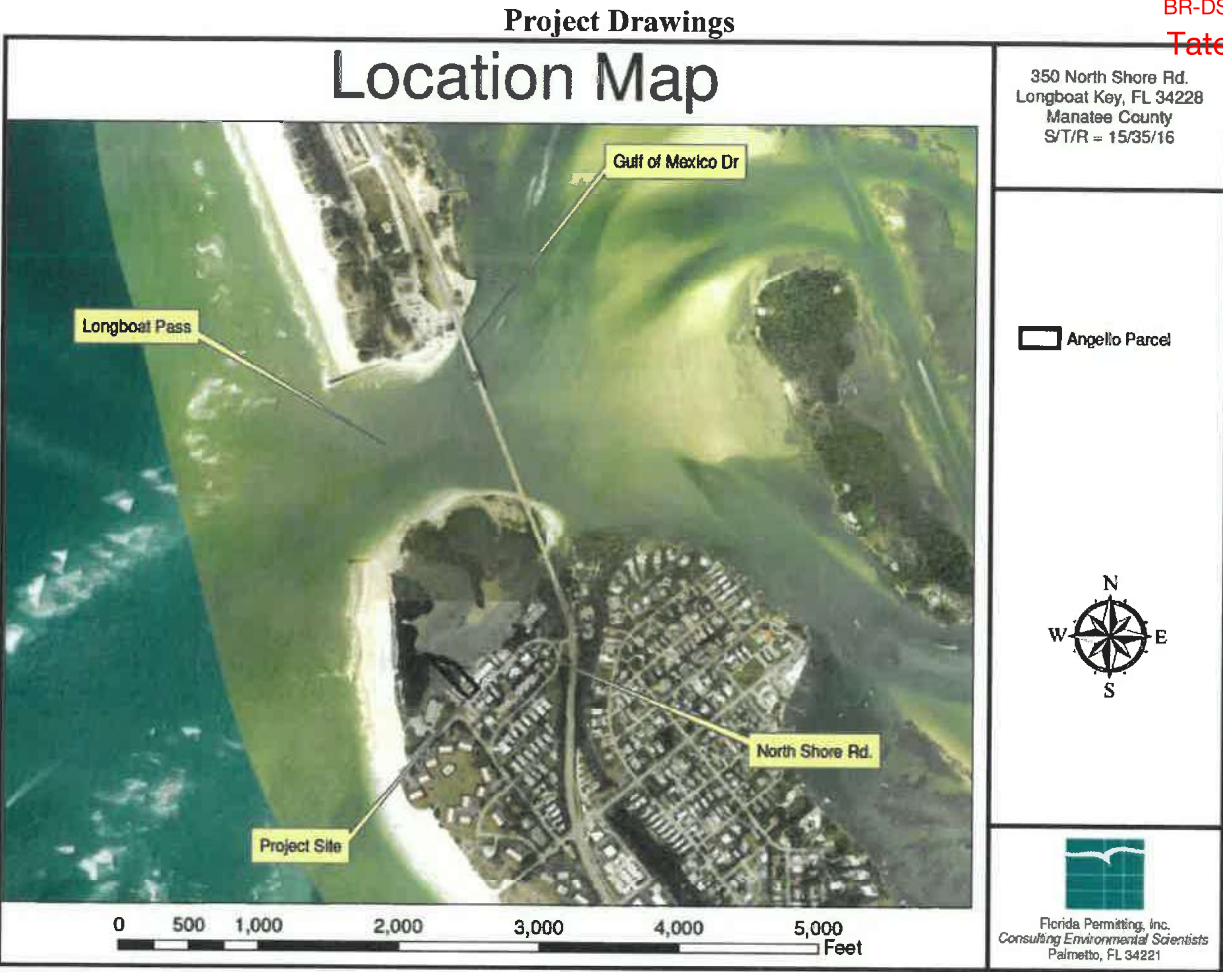
Debra Klahr



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Tate Taylor

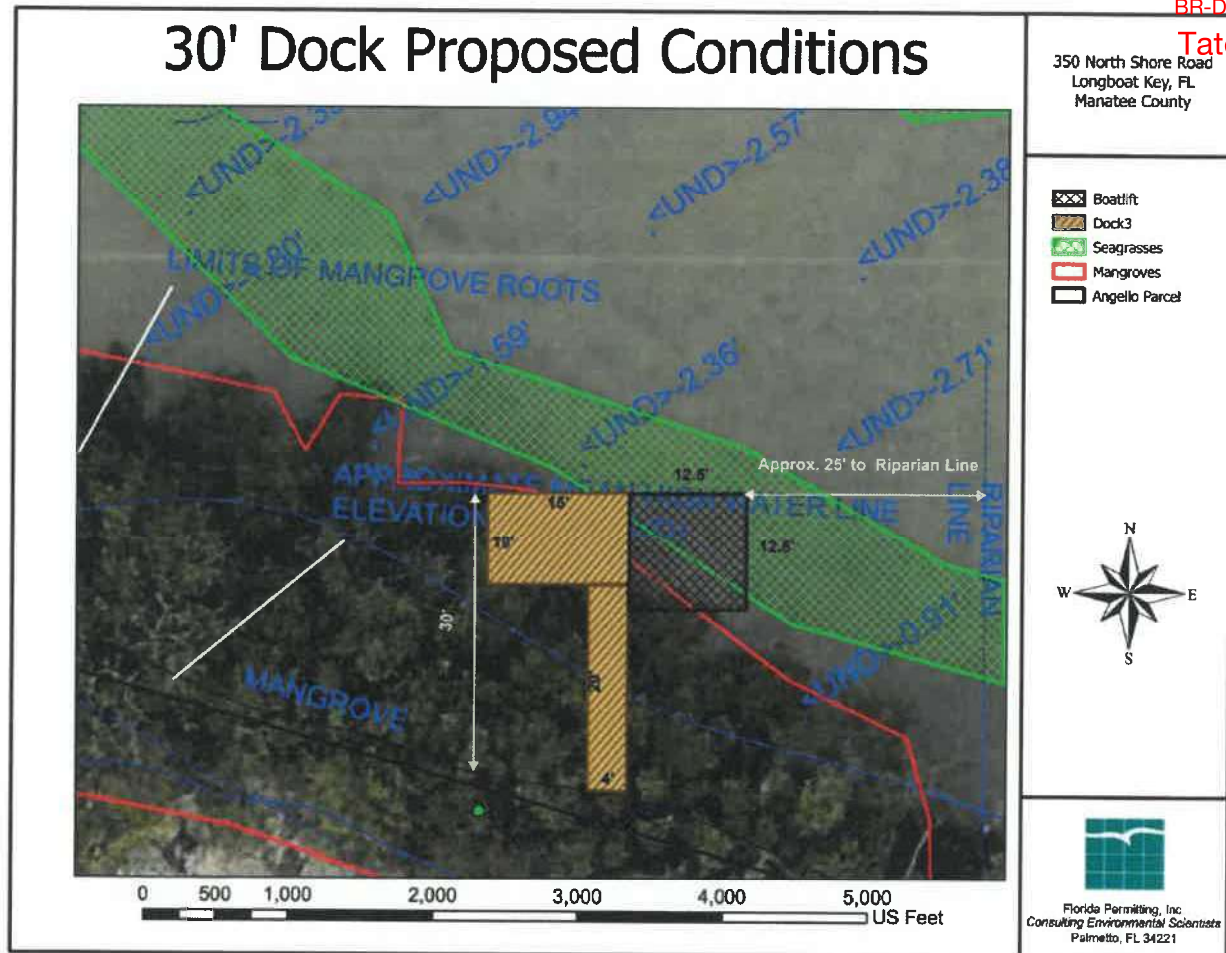




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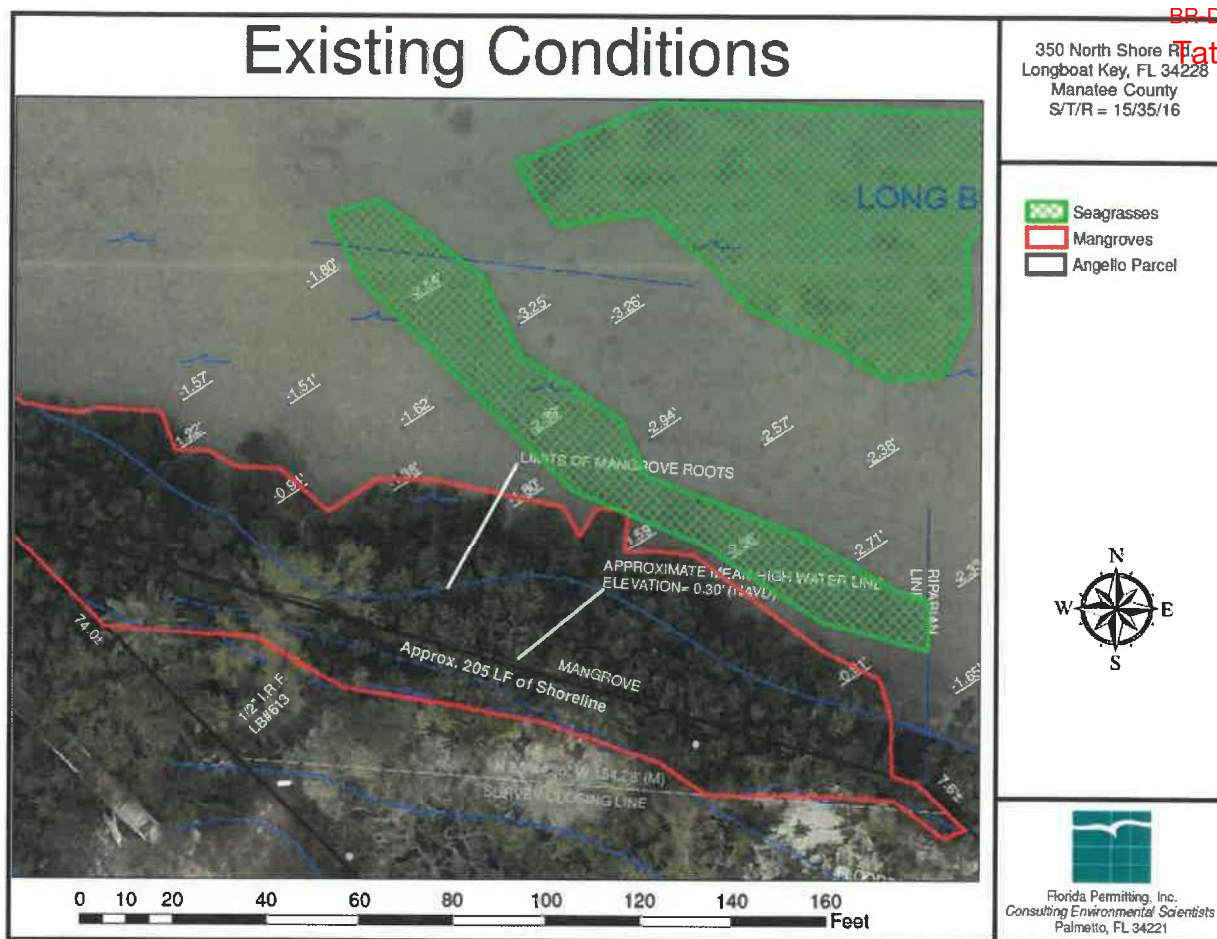
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Tate Taylor



BR-DSL-25-0084

Tate Taylor

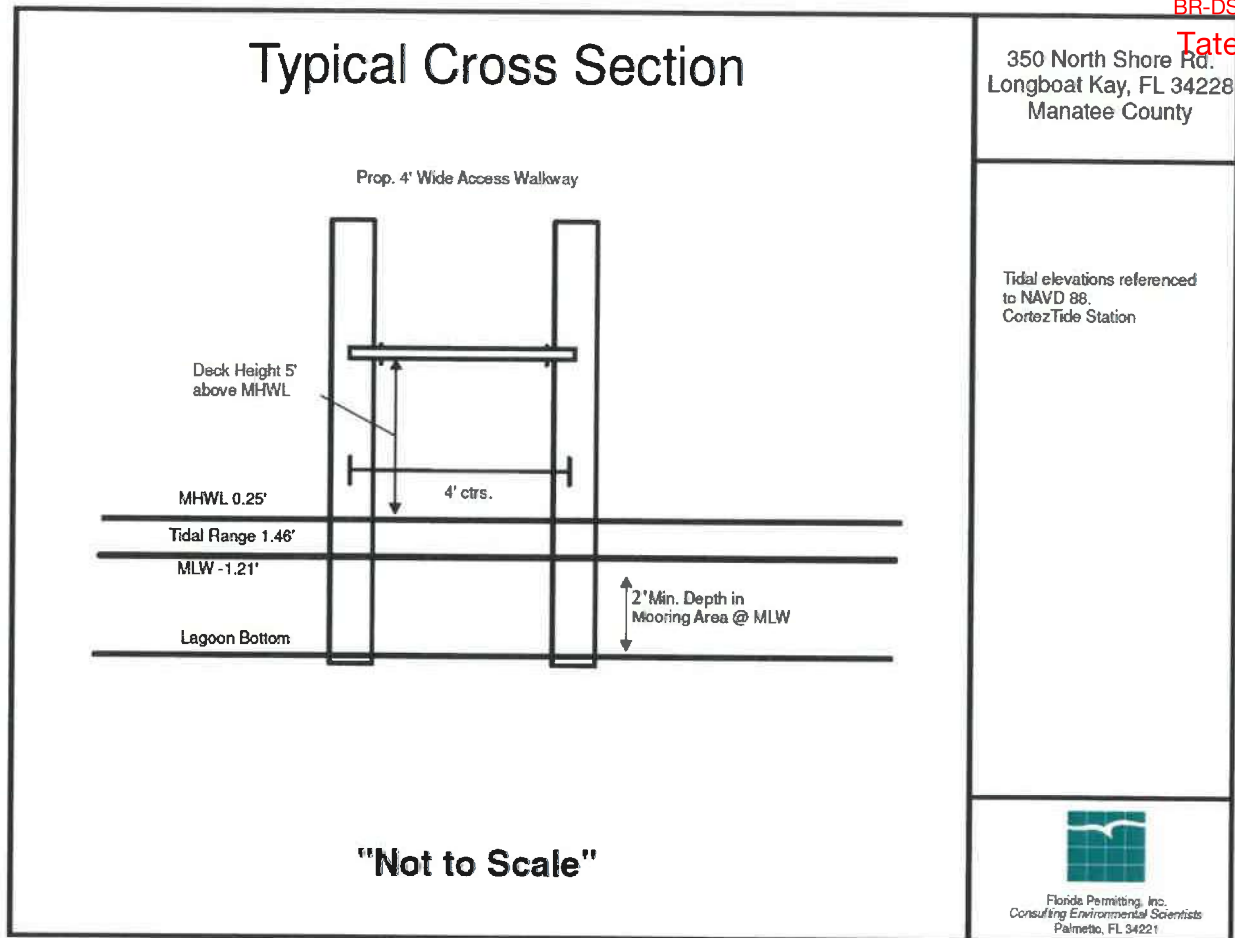




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Tate Taylor



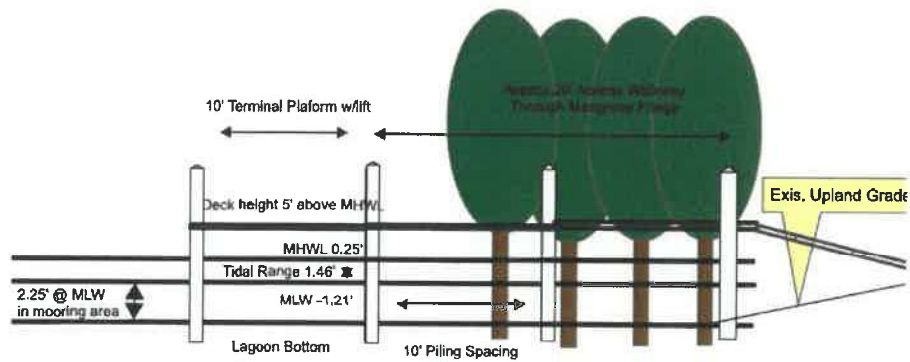


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BR-DSL-25-0084

Tate Taylor

Profile View



"Not to Scale"

350 N. Shore Rd.
Longboat Key, FL
Manatee County, FL

Tidal Elevations Relative
to NAVD88



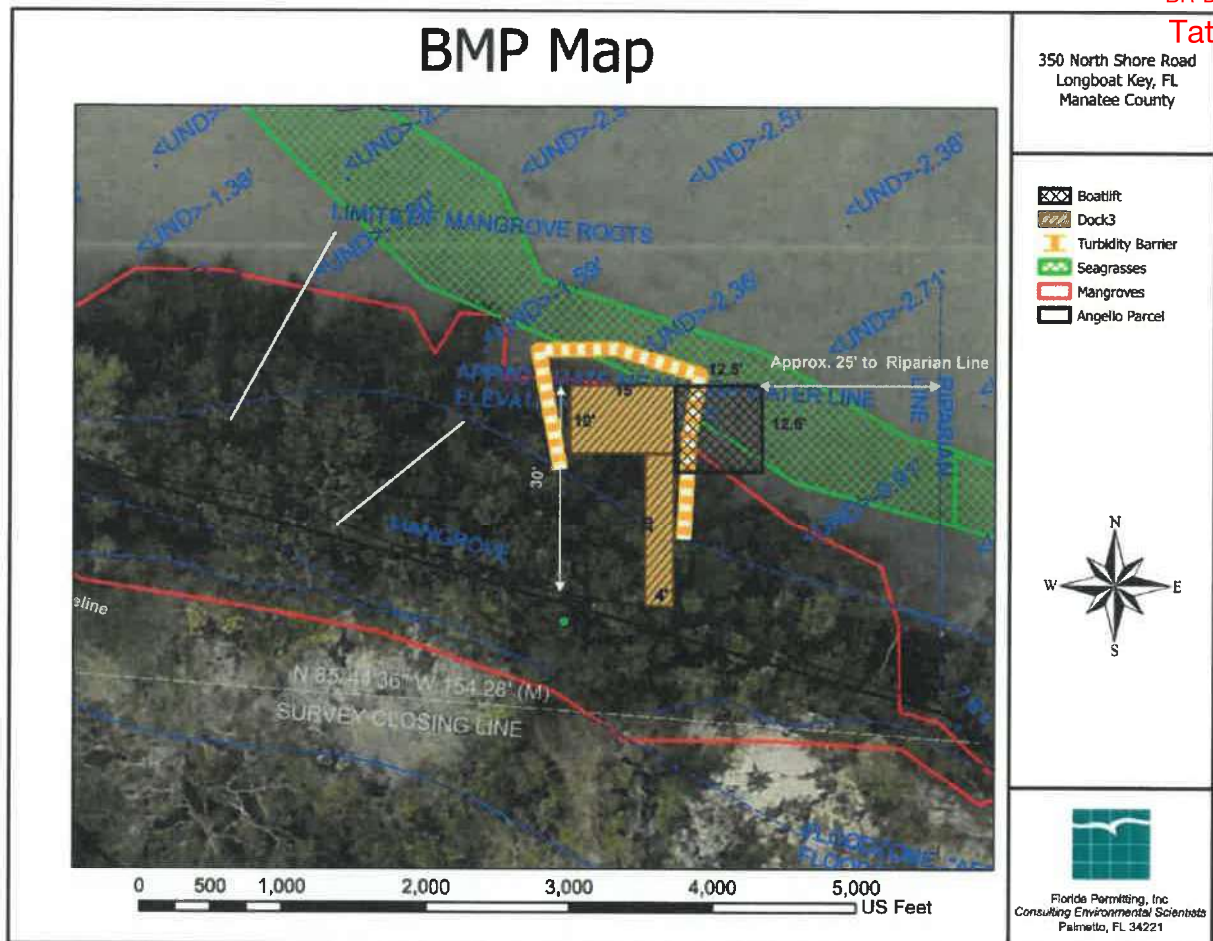
Florida Permitting, Inc.
Consulting Environmental Scientists
Palmetto, FL 34221



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BR-DSL-25-0084

Tate Taylor



Special Conditions for Federal Authorizations for SPGP VI-R1

1. Authorization, design and construction must adhere to the terms of the SPGP VI instrument including the General Conditions for All Projects, Special Conditions for All Projects, Applicable activity-specific special conditions, Procedure and Work Authorized sections.
2. Design and construction must adhere to the PDCs for In-Water Activities (Attachment 28, from PDCs AP.7 through AP.11, inclusive, of JAXBO) (Reference: JAXBO PDC AP.1.).
3. All activities must be performed during daylight hours (Reference: JAXBO PDC AP.6.).
4. For all projects involving the installation of piles, sheet piles, concrete slab walls or boatlift I-beams (Reference Categories A, B and C of JAXBO *PDCs for In-Water Noise from Pile and Sheet Pile Installation*, page 86):
 - a. Construction methods limited to trench and fill, pilot hole (auger or drop punch), jetting, vibratory, and impact hammer (however, impact hammer limited to installing no more than 5 per day).