

Neal Mazzei

From: Lynn Burnett <lynn@ltaengineers.com>
Sent: Wednesday, April 8, 2026 11:06 AM
To: Neal Mazzei; Debra Klahr
Cc: Cdd Permits
Subject: Spanos - Dock Design Criteria
Attachments: LBK Seawall Construction Notes.pdf

Importance: High

BR-DSL-26-0012

This Message Is From an Untrusted Sender

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Report Suspicious

Good morning Neal,

Thank you so much for reaching out with the opportunity to confirm the design criteria for this project.

For Spanos, the following criteria was utilized:

THE FLORIDA BUILDING CODE (FBC) 2023 DESIGN CRITERIA:

- WIND LOAD 150 MPH
- RISK FACTOR II
- EXPOSURE CATEGORY D

Please let me know if you have any questions or need further information in order to release this permit.

Best Regards,

Lynn Burnett, P.E.
Principal

LTAENGINEERS-LLC

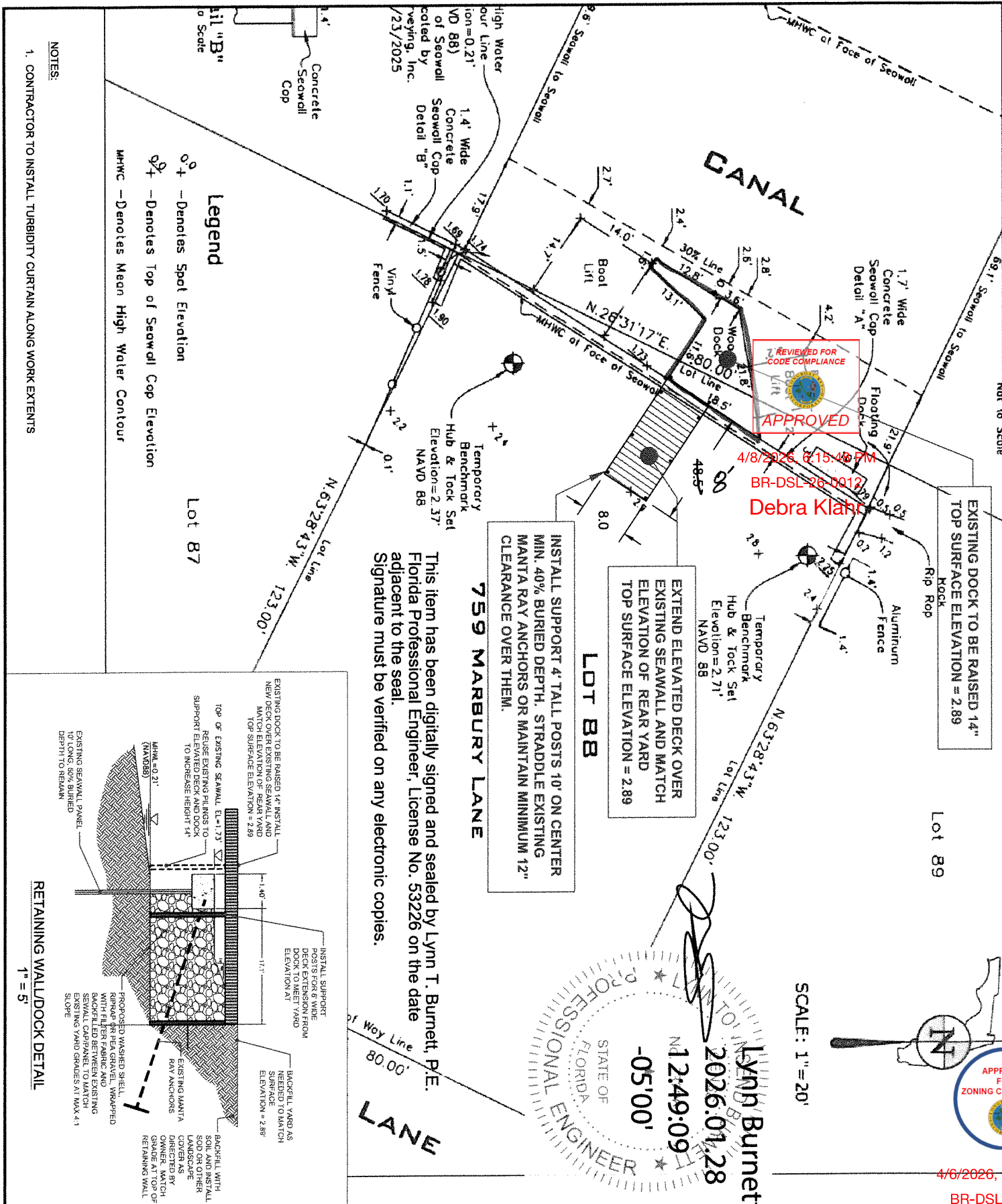
Cell: 941-526-3375
www.LTAengineers.com



4/8/2026, 6:14:51 PM

BR-DSL-26-0012

Debra Klahr



4/8/2026 6:15:46 PM
BR-DSL-26-0012
Debra Klahr



4/6/2026, 2:29:00 PM
BR-DSL-26-0012
Late Taylor

SCALE: 1" = 20'

2026.01.28
12:49:09
-05'00"
Lynn Burnett
PROFESSIONAL ENGINEER
STATE OF FLORIDA

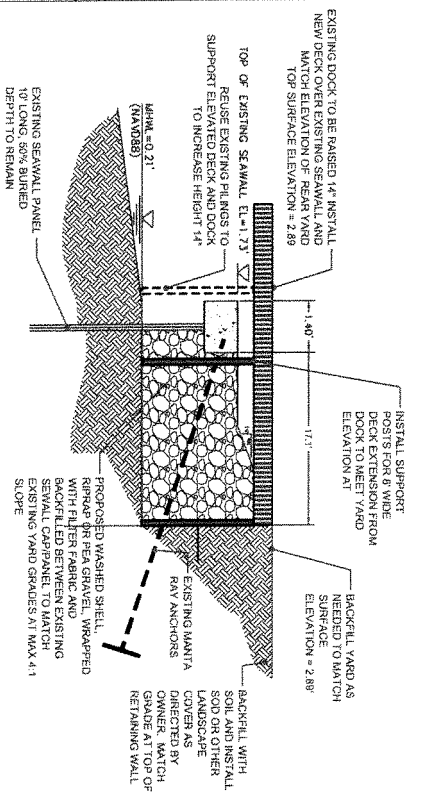
INSTALL SUPPORT 4" TALL POSTS 10' ON CENTER
MIN. 40% BURIED DEPTH. STRADDLE EXISTING
MANTA RAY ANCHORS OR MAINTAIN MINIMUM 12"
CLEARANCE OVER THEM.

EXTEND ELEVATED DECK OVER
EXISTING SEAWALL AND MATCH
ELEVATION OF REAR YARD
TOP SURFACE ELEVATION = 2.89

759 MARBURY LANE

This item has been digitally signed and sealed by Lynn T. Burnett, P.E.
Florida Professional Engineer, License No. 53226 on the date
adjacent to the seal.
Signature must be verified on any electronic copies.

Legend
o+ - Denotes Spot Elevation
o+ - Denotes Top of Seawall Cop Elevation
MHWC - Denotes Mean High Water Contour



NOTES:
1. CONTRACTOR TO INSTALL TURBIDITY CURTAIN ALONG WORK EXTENTS

759 MARBURY LANE
DOCK AND DECK IMPROVEMENTS
LONGBOAT KEY, FL

DOCK AND DECK SITE PLAN AND DETAIL

NO.	REVISION	DATE	BY

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LTA ENGINEERS, LLC
Civil Engineers & Land Planners
25515 47th Avenue East
Miyakita City, FL 34551
Phone 941.756.9100
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CAD FILE:
BR-DSL-26-0012
Date: 01/28/2024
Scale: see scale bar
Design By: LTB
Drawn By: CTM
Checked By: LTB
Project No.:

1
Lynn T. Burnett, P.E.
Florida Professional Engineer, License No. 53226
Date: 01/28/2024

SEE EMAIL FROM ENGINEER FOR DESIGN CRITERIA
PER NEAL



2026.01.28
12:47:25 -05'00'

*OR AS SHOWN



4/8/2026, 6:15:48 PM

BR-DSL-26-0012

Debra Klahr

PILING

10'-0"

PILING SPACING

(10")

2.5 C.C.A.P.T.

PILING (TYP.)

(OR AS SHOWN ON THE
SITE PLAN)

1"x6" composite
DECKING

DATE

DK 1

PAGE 2 of 2

VARIES

30" +/- 2"

M.H.W.L.

2"X8" 60 P.T. JOIST BOARD @ 16" O.C.
DBL 5/8" H.D. STAINLESS STEEL
BOLT & WASHER (TYP.)

2"X8" P.T. HEADER (TYP.)
60 S4S P.T.

SUBMERGED-BOTTOM

TWO 304 SS
SCREWS PER
EA. JOIST (TYP.)

1"x6"

composite deck board or
equivalent

RESIDENTIAL
TYPICAL DOCK

SCALE, 1/2" = 1'-0"

6'-0" PILING PENETRATION
MIN. OR TO IMPASSABLE ROCK

CUSTOM DOCK & DAVIT

This item has been digitally signed and sealed by Lynn T. Burnett, P.E. Florida Professional Engineer, License No. 53226 on the date adjacent to the seal. Signature must be verified on any electronic copies.

NAME : Robert Spanos
ADDRESS : 759 Marbury Lane
CITY : Longboat Key, FL 34228