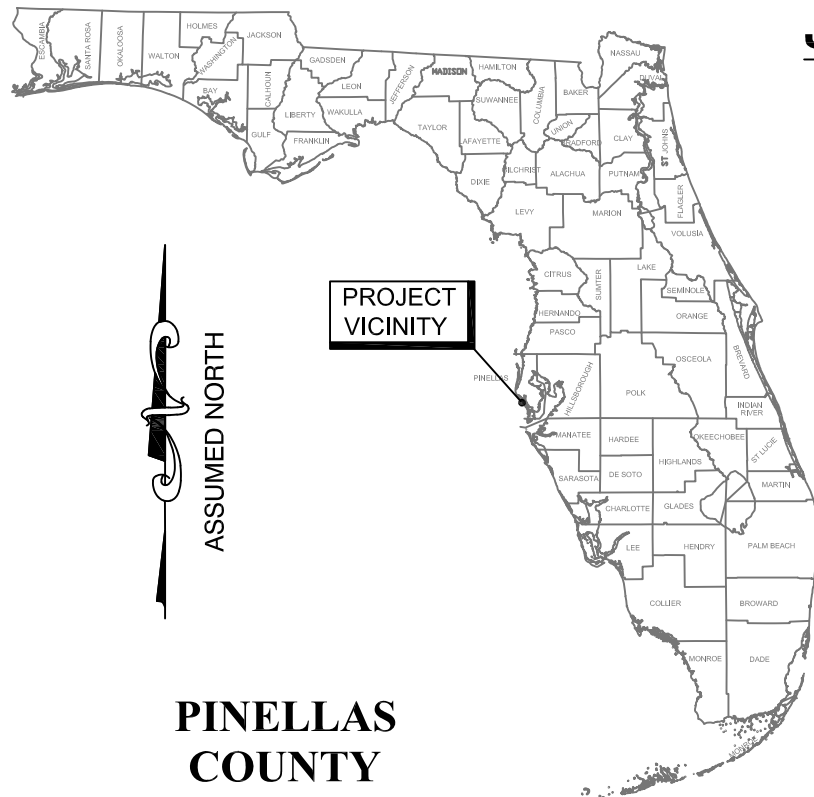
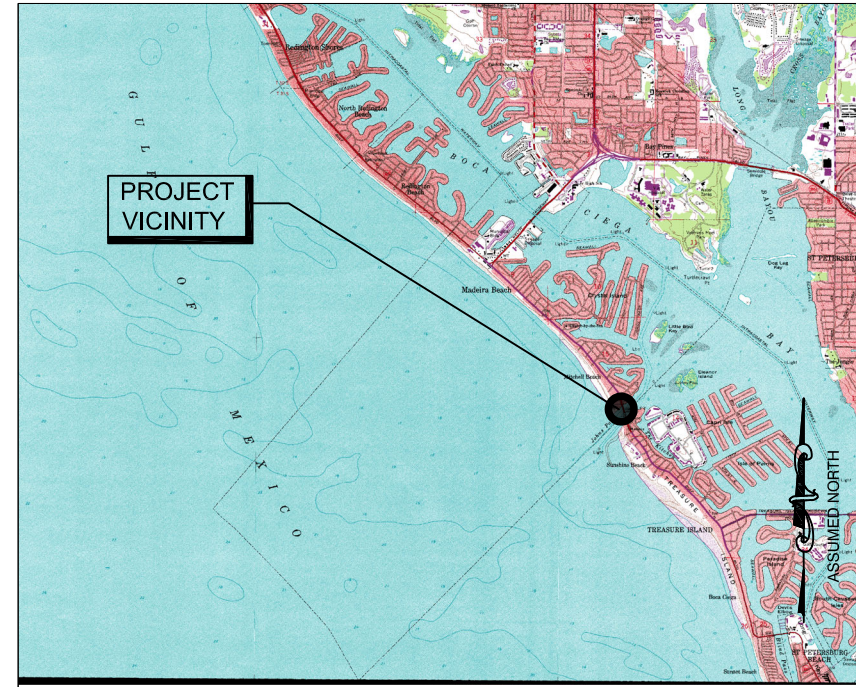


**STATE OF FLORIDA**



**PINELLAS COUNTY**

**CITY OF MADEIRA BEACH  
JOHNS PASS DREDGING PROJECT  
INTERIM 3 SUMMARY**



**USGS QUAD MAP**  
SCALE: N.T.S.

DRAWING INDEX	
SHEET. NO.	SHEET TITLE
01	COVER SHEET & DRAWING INDEX
02	EXISTING CONDITIONS WITH PERMITTING DREDGE TEMPLATE
03	REPRESENTATION OF SEDIMENT REMOVAL/ACCUMULATION
04 - 06	CROSS SECTIONS

**NOTES:**

1. SURVEY DATA SHOWN HEREON WAS COLLECTED IN THE FIELD AND REPRESENTS CONDITIONS AT THE TIME OF SURVEY.
2. BEARINGS AND COORDINATES SHOWN HEREON ARE BASED ON GRID NORTH OF THE NORTH AMERICAN DATUM OF 1983 FLORIDA WEST ZONE.
3. ELEVATIONS SHOWN HEREON ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD-88) - US SURVEY FT.
4. MEAN LOW WATER AND MEAN HIGH WATER ELEVATIONS WERE DETERMINED FROM STATION 8726533, JOHNS PASS FL. ALL DATA VALUES ARE RELATIVE TO THE NAVD-88.
5. VERTICAL CONTROL ELEVATIONS HEREIN ARE BASED ON PID #AG0118; DESIGNATION 210FLHD; ELEVATION = +20.84 FT NAVD-88. NORTHING 1263086.61 / EASTING 398953.314
6. ALL VALUES WERE CALCULATED FROM SURFACE TO SURFACE METHODOLOGY USING CIVIL3D.



**Kevin Davis**  
Digitally signed by Kevin Davis  
Date: 2026.04.09 15:36:01 -04'00'

THIS ITEM HAS BEEN DIGITALLY SIGN AND SEALED BY KEVIN DAVIS, PE. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGN AND SEALED.



**LOCATION MAP**  
SCALE: N.T.S.



**BAYSIDE DREDGING LLC**  
12924 49TH ST. N.  
CLEARWATER, FL 33762  
PHONE 727.436.5044 FAX 727.436.5003  
www.baysidedredging.com

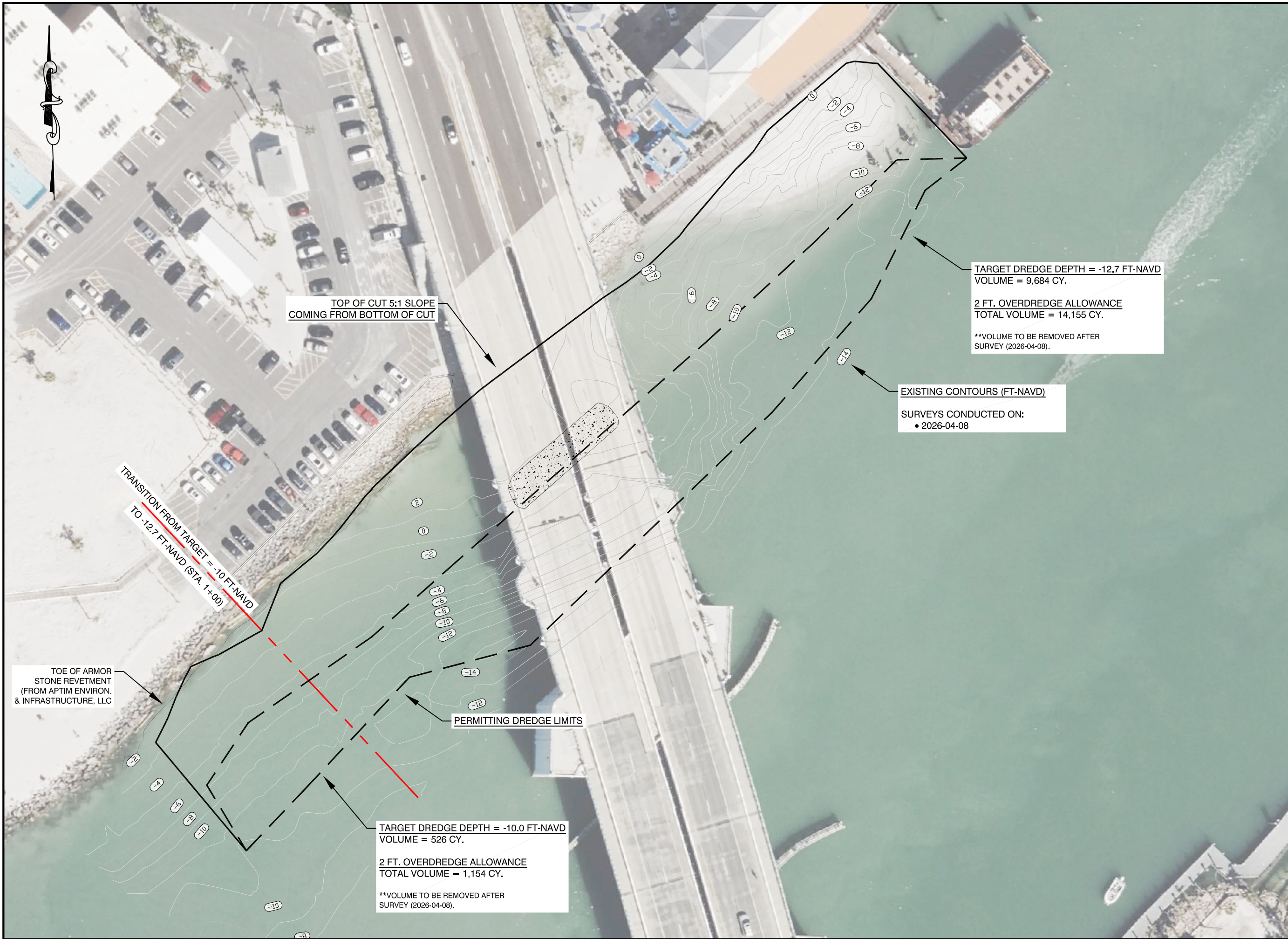
JOHNS PASS DREDGING PROJECT  
MADEIRA BEACH, FL

**COVER SHEET / DRAWING INDEX**

DATE : 4/9/2026  
DRAWN BY: kdavis  
CHECKED BY: bsapp  
JOB NO.: #####

Exhibit No.  
**SHEET 01**

**SCALE: N/A**



TOP OF CUT 5:1 SLOPE  
COMING FROM BOTTOM OF CUT

TARGET DREDGE DEPTH = -12.7 FT-NAVD  
VOLUME = 9,684 CY.

2 FT. OVERDREDGE ALLOWANCE  
TOTAL VOLUME = 14,155 CY.

\*\*VOLUME TO BE REMOVED AFTER  
SURVEY (2026-04-08).

EXISTING CONTOURS (FT-NAVD)

SURVEYS CONDUCTED ON:  
• 2026-04-08

TRANSITION FROM TARGET = -10 FT-NAVD  
TO -12.7 FT-NAVD (STA. 1+00)

TOE OF ARMOR  
STONE REVETMENT  
(FROM APTIM ENVIRON.  
& INFRASTRUCTURE, LLC)

PERMITTING DREDGE LIMITS

TARGET DREDGE DEPTH = -10.0 FT-NAVD  
VOLUME = 526 CY.

2 FT. OVERDREDGE ALLOWANCE  
TOTAL VOLUME = 1,154 CY.

\*\*VOLUME TO BE REMOVED AFTER  
SURVEY (2026-04-08).



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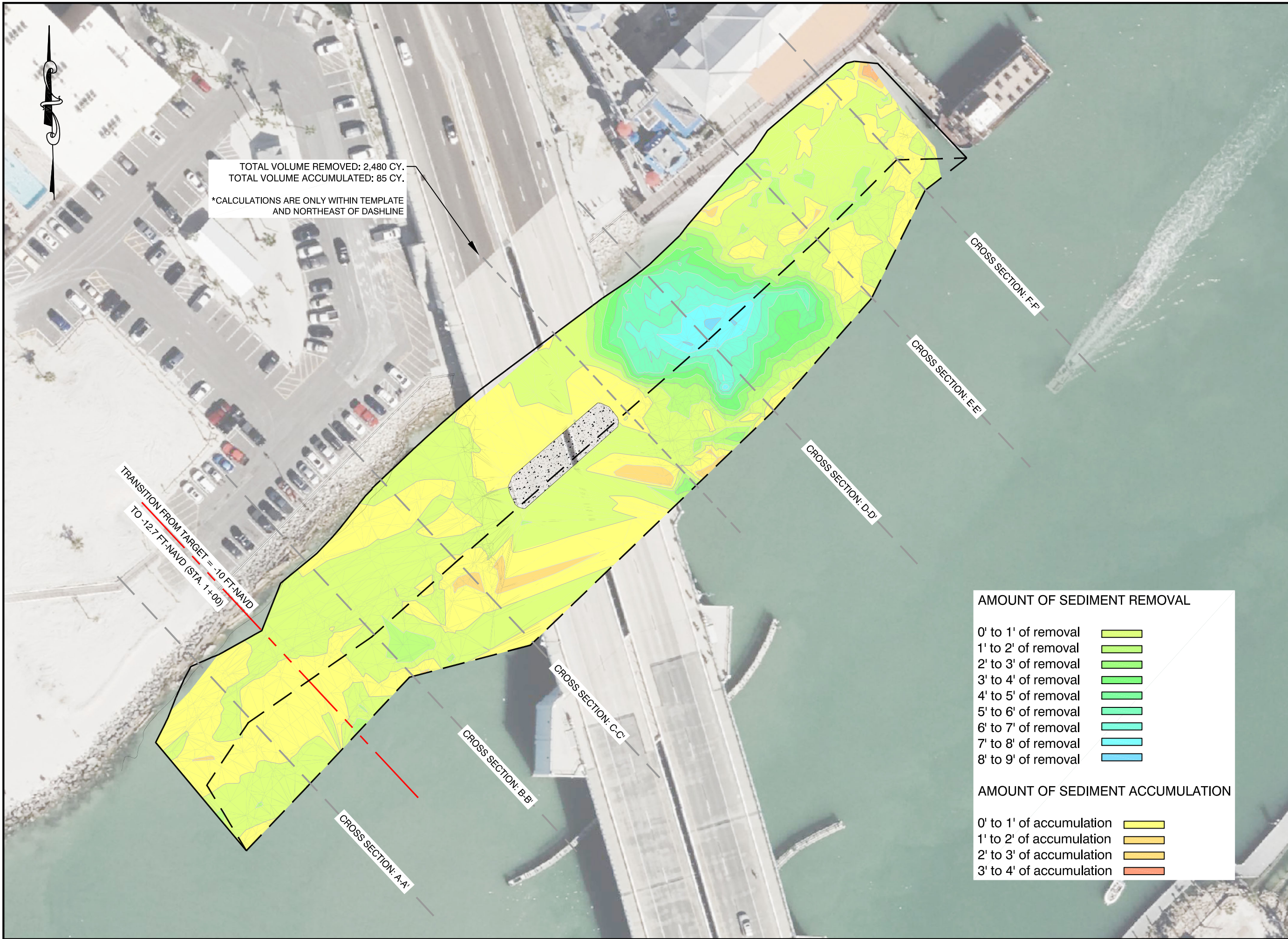
JOHNS PASS DREDGING PROJECT  
MADEIRA BEACH, FL

**EXISTING CONDITIONS  
WITH PERMITTED DREDGE TEMPLATE**

DATE :  
4/9/2026  
DRAWN BY:  
kdavis  
CHECKED BY:  
bsapp  
JOB NO.:  
#####

Exhibit No.  
**SHEET 02**

SCALE: 1" = 60'



**AMOUNT OF SEDIMENT REMOVAL**

0' to 1' of removal	
1' to 2' of removal	
2' to 3' of removal	
3' to 4' of removal	
4' to 5' of removal	
5' to 6' of removal	
6' to 7' of removal	
7' to 8' of removal	
8' to 9' of removal	

**AMOUNT OF SEDIMENT ACCUMULATION**

0' to 1' of accumulation	
1' to 2' of accumulation	
2' to 3' of accumulation	
3' to 4' of accumulation	



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JOHNS PASS DREDGING PROJECT  
MADEIRA BEACH, FL  
**PLAN VIEW REPRESENTATION  
OF SEDIMENT REMOVAL / ACCUMULATION**  
(2026/03/23)  
COMPARED TO  
(2026/04/08)

DATE :  
4/9/2026  
DRAWN BY:  
kdavis  
CHECKED BY:  
bsapp  
JOB NO.:  
#####

Exhibit No.  
**SHEET 03**

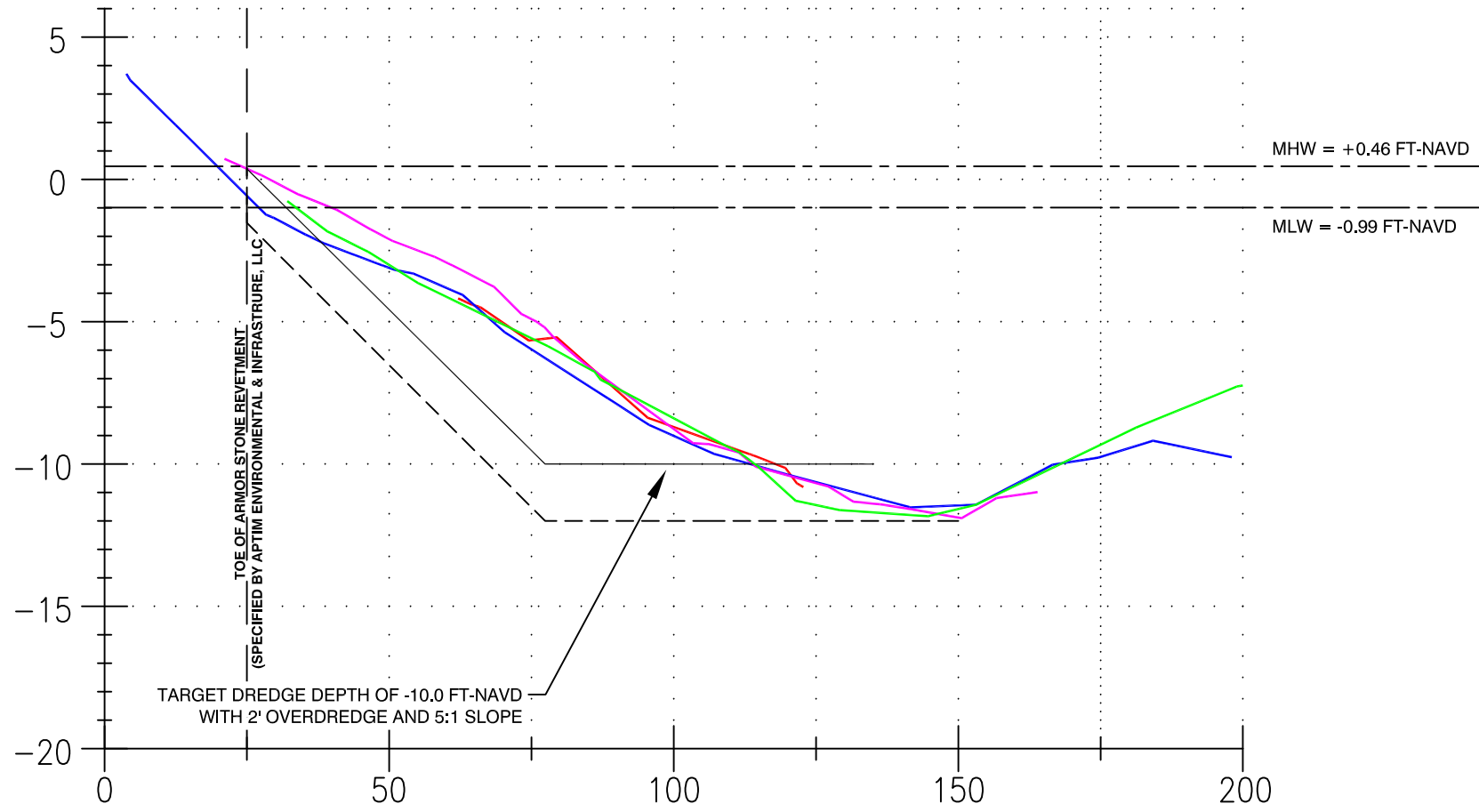
SCALE: 1" = 60'

LEGEND:

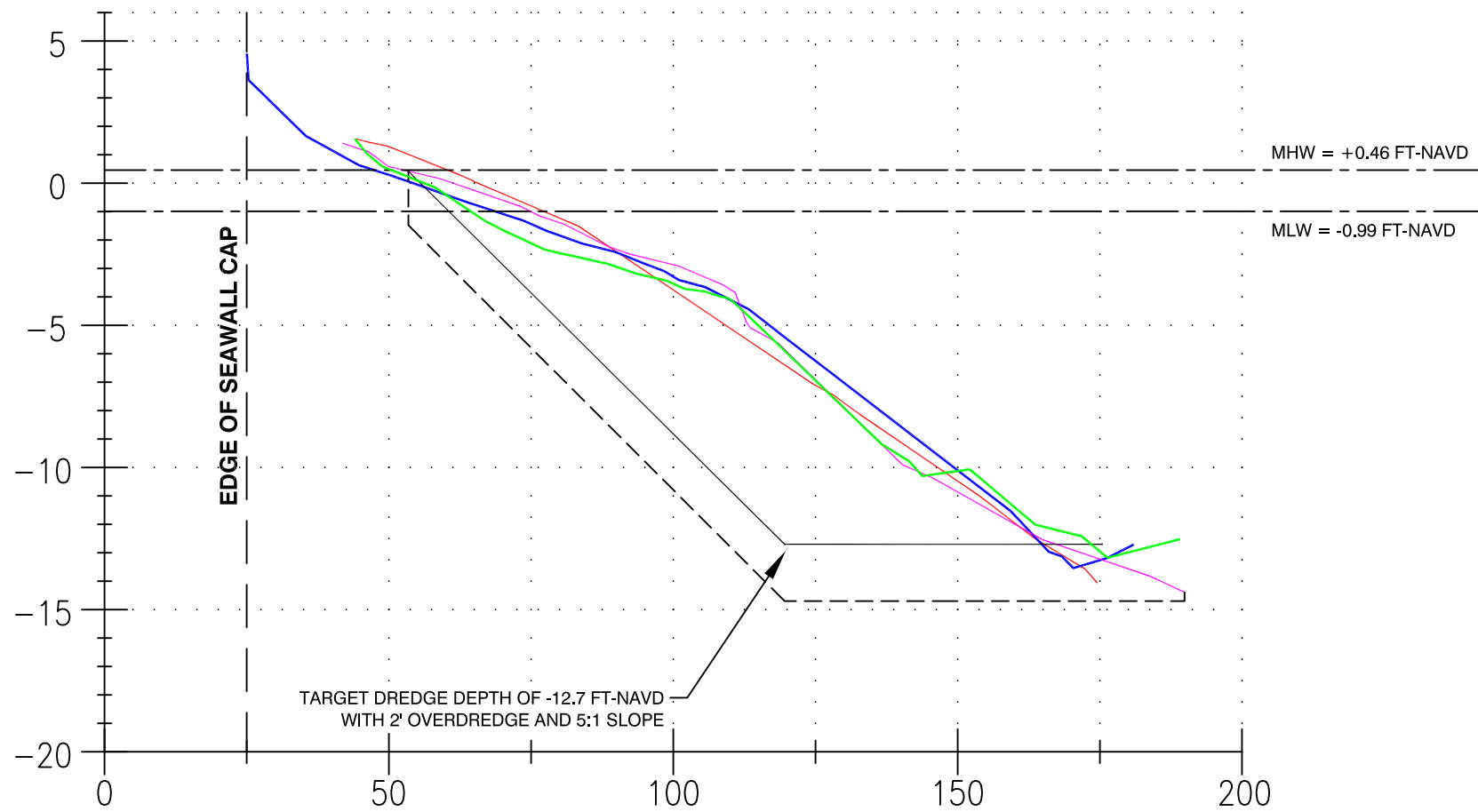
EXISTING DEPTHS AT DATE:

2026/02/04	
2026/02/11	
2026/03/05	
2026/03/11	
2026/03/23	
2026/04/08	

SECTION CUT A-A'



SECTION CUT B-B'



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JOHNS PASS DREDGING PROJECT  
 MADEIRA BEACH, FL

CROSS SECTIONS

DATE :	4/9/2026
DRAWN BY:	kdavis
CHECKED BY:	bsapp
JOB NO.:	#####

Exhibit No.

SHEET 04

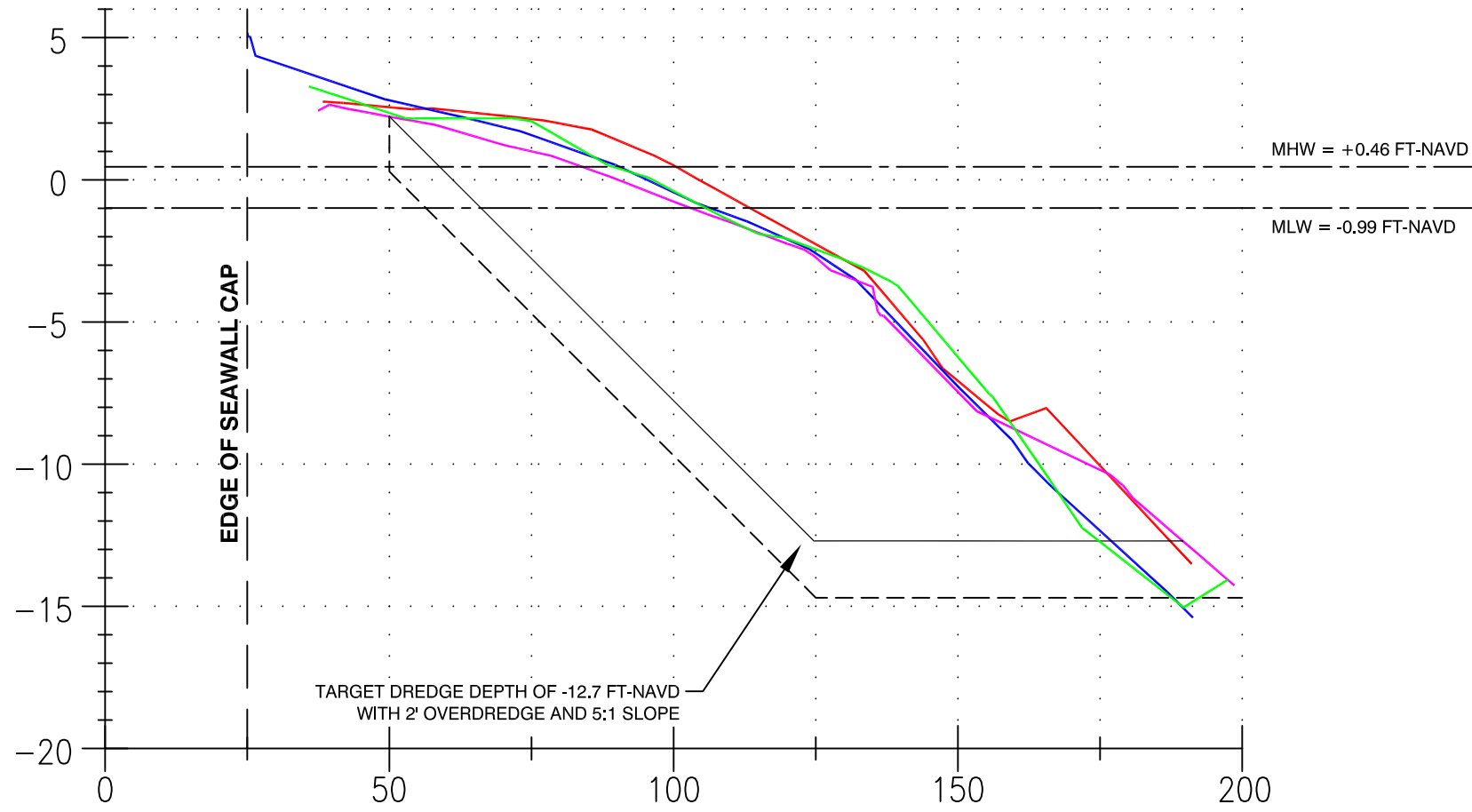
VERT. SCALE: 1" = 6'  
 HORIZ. SCALE: 1" = 30'

LEGEND:

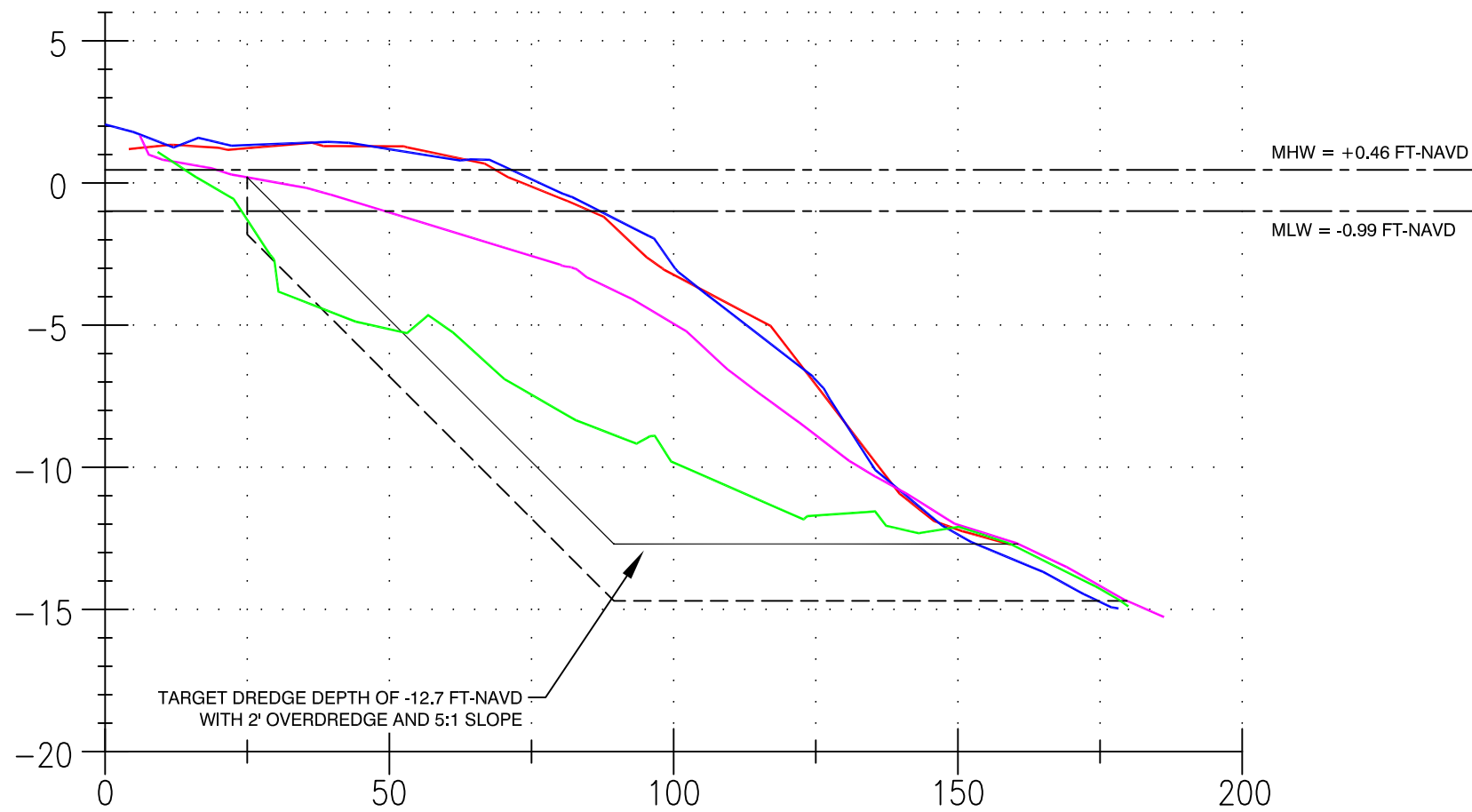
EXISTING DEPTHS AT DATE:

2026/02/04	
2026/02/11	
2026/03/05	
2026/03/11	
2026/03/23	
2026/04/08	

SECTION CUT C-C'



SECTION CUT D-D'



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JOHNS PASS DREDGING PROJECT  
MADEIRA BEACH, FL

CROSS SECTIONS

DATE :	4/9/2026
DRAWN BY:	kdavis
CHECKED BY:	bsapp
JOB NO.:	#####

Exhibit No.

**SHEET 05**

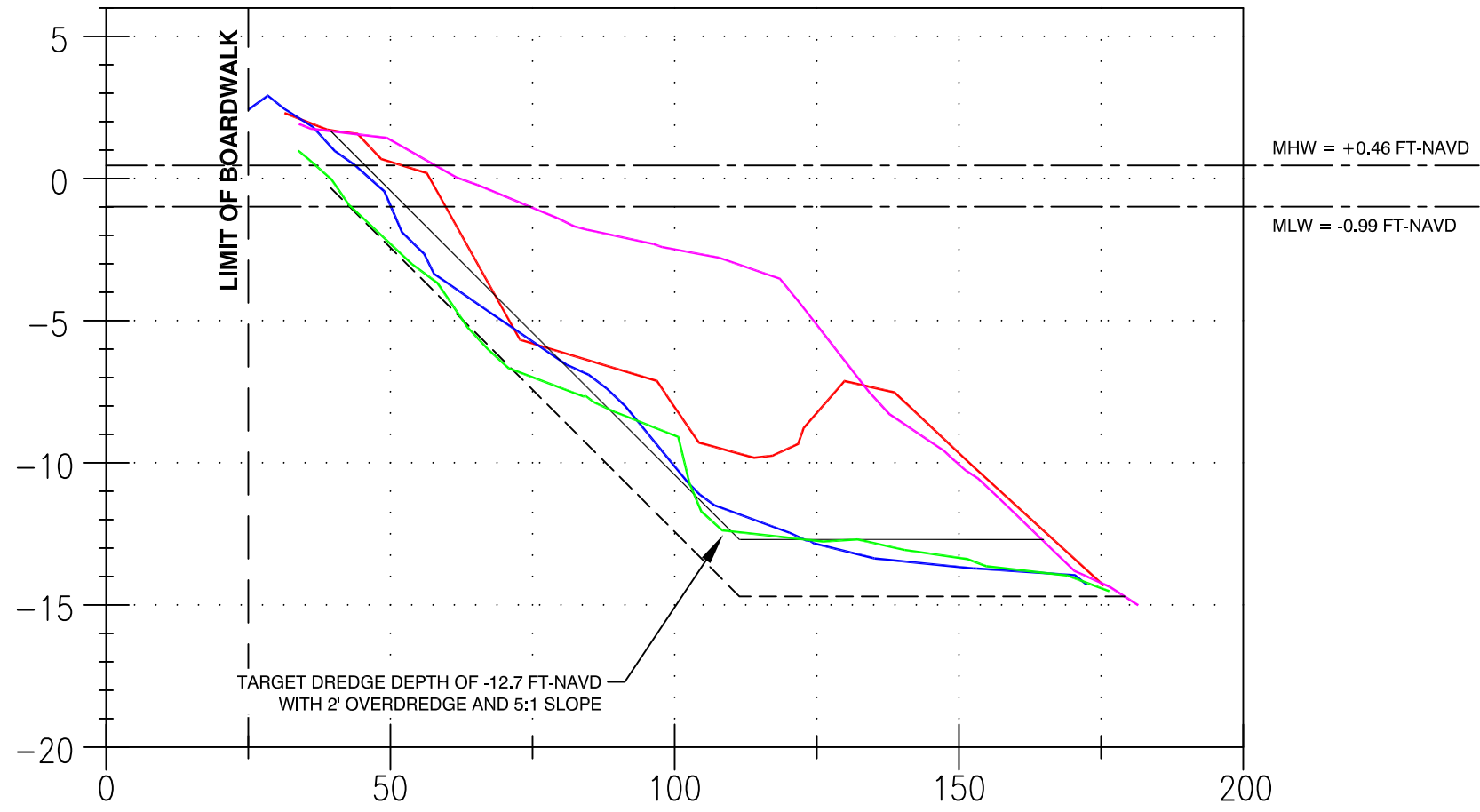
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HORIZ. SCALE: 1" = 30'

LEGEND:

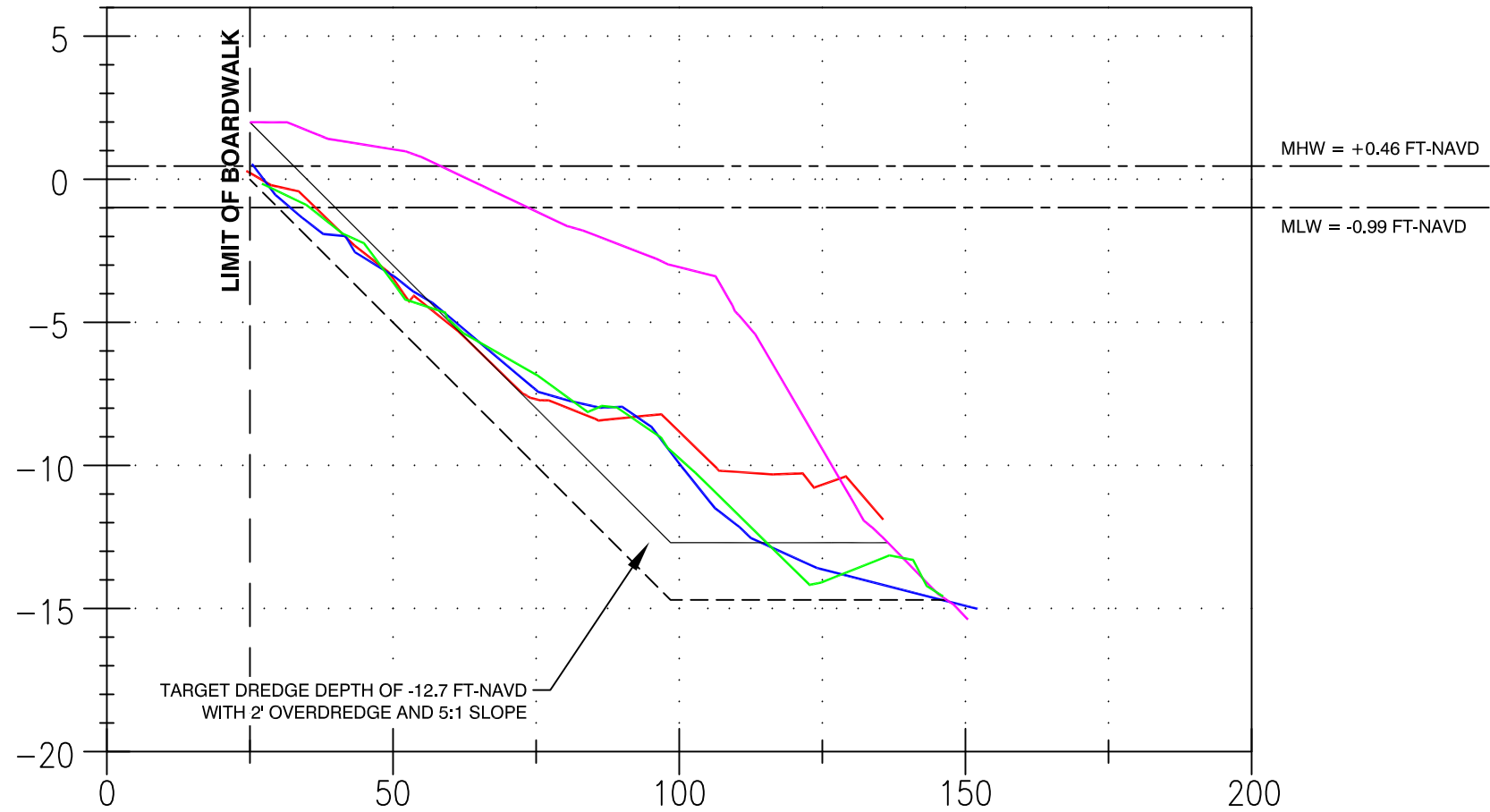
EXISTING DEPTHS AT DATE:

2026/02/04	
2026/02/11	
2026/03/05	
2026/03/11	
2026/03/23	
2026/04/08	

SECTION CUT E-E



SECTION CUT F-F



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JOHNS PASS DREDGING PROJECT  
 MADEIRA BEACH, FL

CROSS SECTIONS

DATE :	4/9/2026
DRAWN BY:	kdavis
CHECKED BY:	bsapp
JOB NO.:	#####

Exhibit No.  
**SHEET 06**

VERT. SCALE: 1" = 6'  
 HORIZ. SCALE: 1" = 30'