

**RESOLUTION NUMBER 23-96**

**A RESOLUTION OF THE TOWN COUNCIL OF THE TOWN OF FORT MYERS BEACH, AUTHORIZING TOWN STAFF TO SUBMIT A FUNDING REQUEST TO FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION FOR THE ESTERO ISLAND SHORE PROTECTION PROJECT; AND AUTHORIZING LOCAL MATCHING FUNDS FOR FUNDING RECEIVED FROM THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION; AND PROVIDING FOR AN EFFECTIVE DATE**

**WHEREAS**, Florida Statutes provide that municipalities shall have the governmental, corporate, and proprietary powers to enable them to conduct municipal government, perform municipal functions, and render municipal service, and exercise any power for municipal purposes, except when expressly prohibited by law; and

**WHEREAS**, Article X of the Town Charter of the Town of Fort Myers Beach (“Town”) empowers the Town to adopt, amend, or repeal such ordinances and resolutions as may be required for the proper governing of the Town; and

**WHEREAS**, Estero Island’s coastal beach, which is among the Town of Fort Myers Beach (“Town”) most important ecological, economic, and recreational assets, is subject to erosion that results in detrimental impacts to nesting and wintering areas for wildlife species such as sea turtles and shorebirds; loss of outdoor recreational opportunities for the Town’s residents and visitors; and damage to and loss of public and private property; and

**WHEREAS**, beach erosion control and restoration projects are an effective tool for preventing and offsetting some of the negative impacts of beach erosion, including loss of habitat, loss of recreational opportunities, and endangerment of public and private property; and

**WHEREAS**, the Town Council finds that beach erosion control and restoration projects are in the public interest and in the best interest of the health, safety, and welfare of the residents, property owners and visitors of the Town of Fort Myers Beach.

**NOW, THEREFORE, IT IS HEREBY RESOLVED BY THE TOWN OF FORT MYERS BEACH AS FOLLOWS:**

Section 1. The above recitals are true and correct and are hereby incorporated by reference as though fully set forth herein.

Section 2. The Town Council expresses its support for the Estero Island Beach Nourishment Project (the “Project”), described in Exhibit “A”, a copy of which is attached hereto and made a part of this Resolution.

Section 3. To conserve sand resources and/or reduce Project costs the Town supports regionalization of the Project and work with Lee County to coordinate bidding and construction of

the Project where possible.

Section 4. The Town authorizes Town staff to take all necessary actions to request and obtain funds from the Florida Department of Environmental Protection for the Project and will provide matching funds/local cost share for the Project and serve as local sponsor for the Project including matching funds from the Town Beach Restoration Reserves and Lee County Tourist Development Council.

Section 5. This Resolution shall become effective immediately upon its adoption.

The foregoing Resolution was adopted by the Town Council upon a motion by Vice Mayor Atterholt and seconded by Council Member Woodson, and upon being put to a vote, the result was as follows:

Dan Allers, Mayor	Aye
Jim Atterholt, Vice Mayor	Aye
John King, Council Member	Aye
Bill Veach, Council Member	Aye
Karen Woodson, Council Member	Aye

ADOPTED this 21<sup>st</sup> day of August 2023 by the Town Council of the Town of Fort Myers Beach, Florida.

TOWN OF FORT MYERS BEACH

**Dan Allers**

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Dan Allers, Mayor

TTEST:

**Amy Baker**

---

Amy Baker, Town Clerk

APPROVED AS TO FORM AND LEGAL SUFFICIENCY FOR THE USE  
AND RELIANCE OF THE TOWN OF FORT MYERS BEACH SOLELY:

**Gretchen R. H. "Becky" Vose**

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Vose Law Firm, LLP, Town Attorney

This Resolution was filed in the Office of the Town Clerk on this 22<sup>nd</sup> day of August 2023.

Signature: Dan Allers  
Dan Allers (Aug 22, 2023 14:06 EDT)  
Email: allersd@fmbgov.com

Signature: Becky Vose  
Becky Vose (Aug 22, 2023 11:02 EDT)  
Email: bvose@voselaw.com

Signature: Amy Baker  
AMY BAKER (Aug 22, 2023 10:40 EDT)  
Email: AMY@FMBGOV.COM

# ESTERO ISLAND EROSION CONTROL PROJECT

EXHIBIT A

## PERMIT DRAWINGS

Approved

0413684-001-JC

PREPARED FOR:

## TOWN OF FORT MYERS BEACH

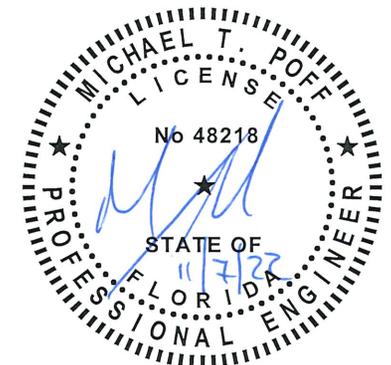
### NOTES

1. BEACH PROFILE SURVEY COMPLETED BY COASTAL ENGINEERING CONSULTANTS, INC., MAY 2021.
2. OFFSHORE BORROW AREA SURVEY CONDUCTED BY OCEAN SURVEYS, INC., NOVEMBER 3, 2021.
3. PIPELINE CORRIDOR 1 BATHYMETRIC SURVEY CONDUCTED BY OCEAN SURVEYS, INC., JULY 12, 2021.
4. PIPELINE CORRIDOR 2 BATHYMETRIC SURVEY CONDUCTED BY OCEAN SURVEYS, INC., NOVEMBER 1, 2021.
5. PLANE COORDINATES ARE BASED ON THE TRANSVERSE MERCATOR PROJECTION FOR THE WEST ZONE OF FLORIDA AND REFERENCED TO THE NORTH AMERICAN DATUM OF 1983 (NAD 83).
6. ELEVATIONS SHOWN HEREON ARE IN FEET AND TENTHS AND REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
7. MEAN HIGH WATER ELEVATION OF +0.3 FEET NAVD88 IS BASED ON INFORMATION FROM THE FDEP AND TIDE STATION ID NUMBER 8727366.
8. EROSION CONTROL LINE (ECL) OBTAINED FROM THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION ON 1/28/2020, FILE NAME: ECL2505.SHP
9. TIDAL REDUCTIONS WERE OBTAINED UTILIZING REAL-TIME KINEMATIC GPS AND REFERENCED TO NAVD88.
10. SURVEY ACCURACY STANDARDS, QUALITY CONTROL, AND QUALITY ASSURANCE REQUIREMENTS WERE FOLLOWED DURING THIS SURVEY IN ACCORDANCE WITH USACE EM 1110-2-1003, HYDROGRAPHIC SURVEYING MANUAL, 11/30/2013.
11. INFORMATION SHOWN HEREON REFLECTS CONDITIONS AS THEY EXISTED ON THE SURVEY DATE SHOWN AND CAN ONLY BE CONSIDERED INDICATIVE OF CONDITIONS AT THAT TIME.
12. LANDWARD LIMIT OF BEACH FILLS SHALL TIE INTO EXISTING CONTINUOUS DUNE VEGETATION/ARMORING LINE.
13. CONTRACTORS WORK AREA ON BEACHES SHALL EXTEND FROM CONTINUOUS DUNE VEGETATION/ARMORING LINE TO 500 FEET SEAWARD OF CONSTRUCTION TOE OF FILL.
14. PIPELINE ACCESS CORRIDORS SHALL RUN FROM BORROW AREA VIA SUBMERGED LINE TO SPECIFIED LOCATIONS ON BEACH. CORRIDOR ENDPOINTS ARE LISTED ON PLAN VIEWS.
15. OFFSHORE BORROW AREA AVAILABLE VOLUME IS 1 MILLION CUBIC YARDS.
16. AERIAL PHOTOGRAPHY OBTAINED FROM THE FLORIDA DEPARTMENT OF TRANSPORTATION, DATED 2021.

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FOR PERMITTING  
PURPOSES ONLY.  
NOT TO BE USED FOR  
CONSTRUCTION.

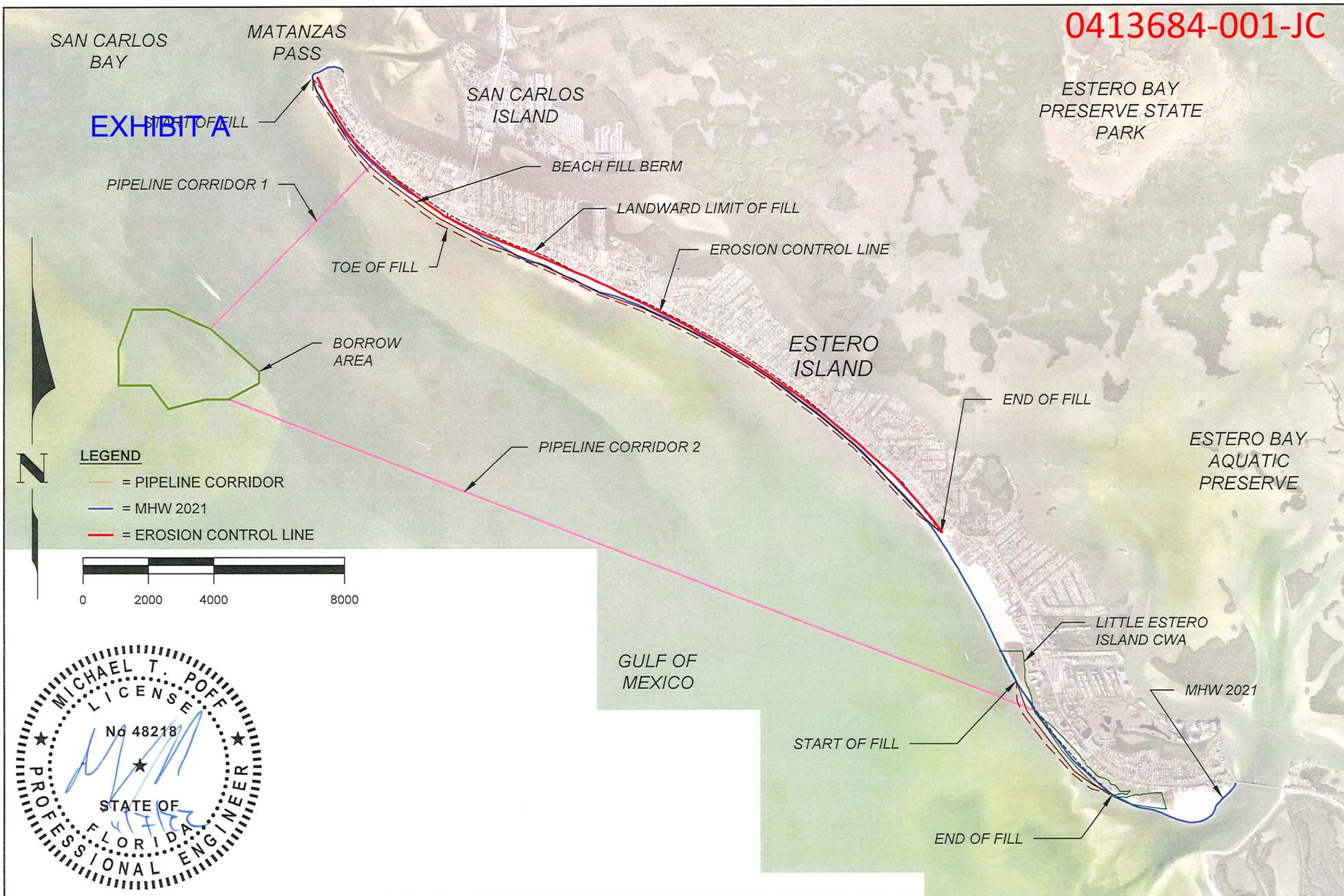


SHEET 1  
FILE NO. 21504

**COASTAL ENGINEERING CONSULTANTS INC.**  
 Serving Florida Since 1977  
 28421 BONITA CROSSINGS BLVD  
 BONITA SPRINGS, FLORIDA 34135

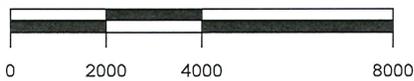
COASTAL & MARINE ENGINEERING ENVIRONMENTAL & GEOLOGICAL SERVICES SURVEY AND MAPPING ENGINEERING: CA 2464 SURVEYING: LB 2464  
 PHONE: (239)643-2324  
 FAX: (239)643-1143  
 www.coastalengineering.com  
 E-Mail: info@cecifl.com

CLIENT:	TOWN OF FORT MYERS BEACH		
TITLE:	COVER SHEET		
DATE:	11/03/2022	SCALE:	AS NOTED
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CHECKED:	MTP	PG.	
SEC.	TWP.	RNG.	
ACAD NO.	21.504-Permit-2021.dwg		
REF. NO.	21.504	NO.	DATE
		BY	REVISION DESCRIPTION
			3 11/03/2022 KMG ADDED OFFSHORE BORROW AREA
			2 7/14/2022 MTP ADDRESSED DEP RAI #2
			1 4/5/2022 KMG ADDRESSED DEP RAI #1



**LEGEND**

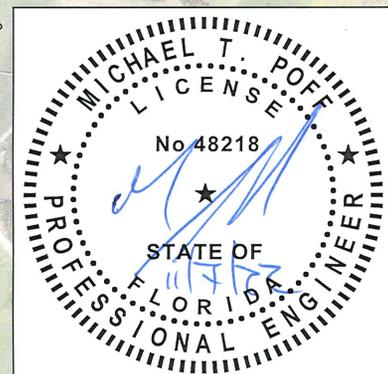
- = PIPELINE CORRIDOR
- = MHW 2021
- = EROSION CONTROL LINE



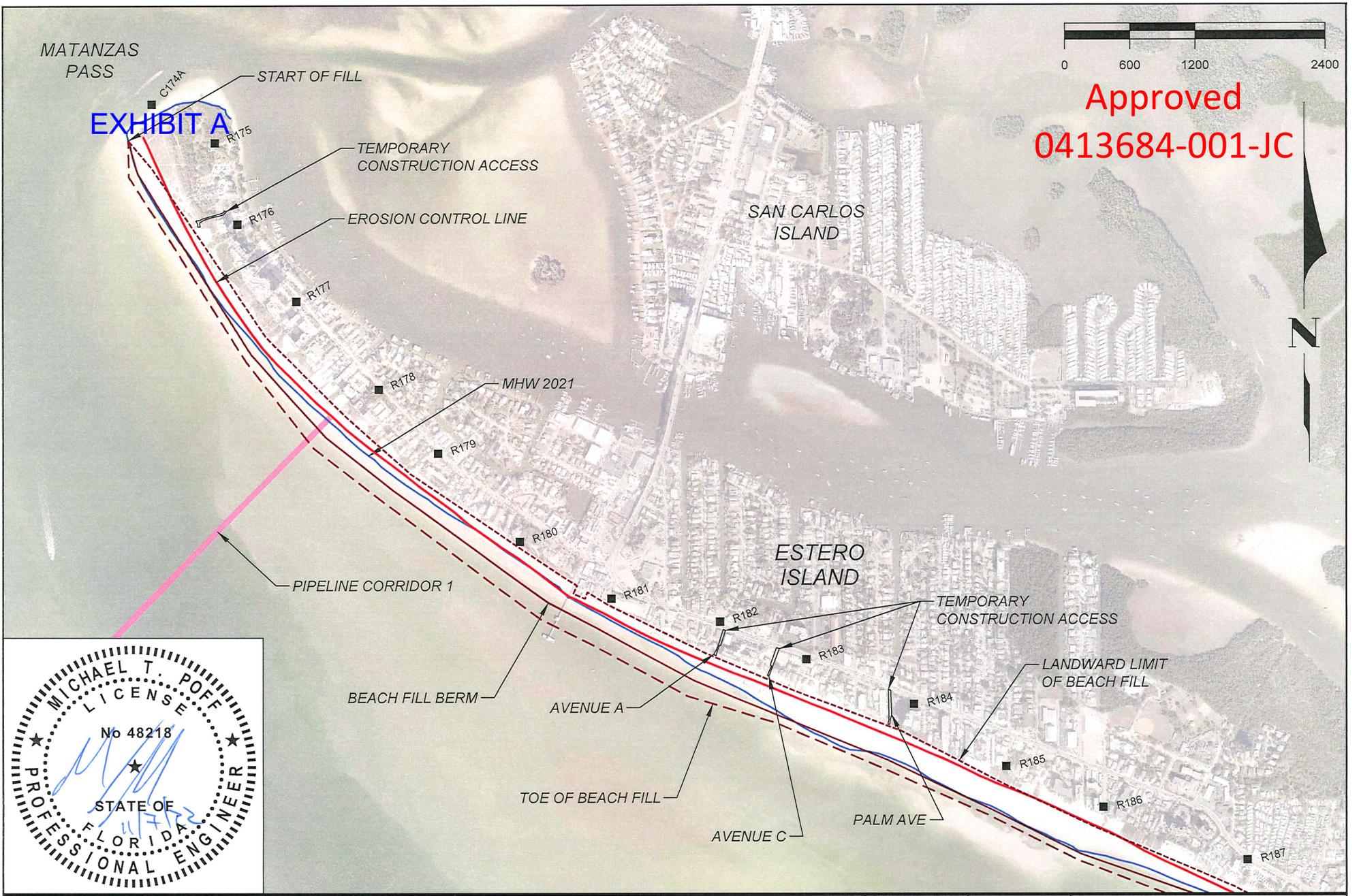
SHEET 2 FILE NO.: 21504-2	<b>COASTAL ENGINEERING CONSULTANTS INC.</b> Serving Florida Since 1977 28421 BONITA CROSSINGS BLVD BONITA SPRINGS, FLORIDA 34135	COASTAL & MARINE ENGINEERING ENVIRONMENTAL & GEOLOGICAL SERVICES SURVEY AND MAPPING ENGINEERING: CA 2464 SURVEYING: LB 2464  PHONE: (239)643-2324 FAX: (239)643-1143 www.coastalengineering.com E-Mail: info@cecifl.com	CLIENT: TOWN OF FORT MYERS BEACH	DATE: 11/03/2022	SCALE: AS NOTED								
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				SEC. TWP. RNG.									
				ACAD NO. 21504-Permit-2021.dwg									
				REF. NO. 21.504									
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										2	7/14/2022	MTP	ADDRESSED DEP RAI #2
										1	4/5/2022	KMG	ADDRESSED DEP RAI #1



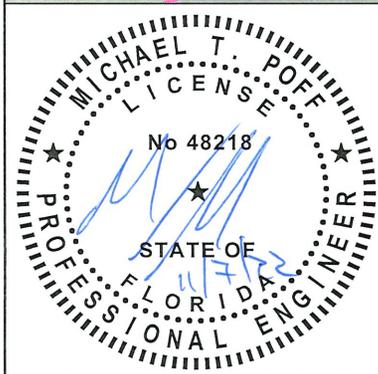
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R-175	667127.375	774428.125	248	R-193	681959.10	764084.10	220
GROIN 1	666545.625	774582.125	248	R-194	682996.6	763295.6	220
GROIN 3	666581.375	774489.813	248	R-195	683662.1	762625.1	220
R-176	667335.625	773671.125	245	R-196	684376	762037.1	225
R-177	667878.688	772960.313	220	R-197	685066.5	761215.4	225
R-178	668634.375	772145.125	227	R-198	685859.1	760662.6	225
R-179	669180	771546.125	230	R-199	686470.1	759735.1	225
R-180	669931.125	770720.5	210	R-200	687111.4	759122	230
R-181	670772.875	770198.625	205	R-201	688006.1	758428	235
R-182	671773.875	769985.625	204	R-202	688024.4	757304	265
R-183	672566.875	769642.625	205	R-203	688193.1	755976.1	255
R-184	673555.375	769229.625	205	R-204	688540.1	754979.6	265
R-185	674405.875	768650.125	200	R-205	689409.9	754511	235
R-186	675299.875	768269.125	205	R-206	690175.2	753582.5	230
R-187	676626.59	767772.86	205	R-207	690818.4	752698	190
R-188	678055.1	766965.7	210	R-208	691853.9	752572.5	190
R-189	678958.1	766467.2	210	R-209	692873.4	752524	185
R-190	679784.1	765887.2	210	R-210	693980.9	752758.5	195
R-191	680532.1	765395.7	210				



SHEET 3 FILE NO. Z1504-3	 <b>COASTAL ENGINEERING CONSULTANTS INC.</b> Serving Florida Since 1977 28421 BONITA CROSSINGS BLVD BONITA SPRINGS, FLORIDA 34135	COASTAL & MARINE ENGINEERING ENVIRONMENTAL & GEOLOGICAL SERVICES SURVEY AND MAPPING ENGINEERING: CA 2464 SURVEYING: LB 2464  PHONE: (239)643-2324 FAX: (239)643-1143 www.coastalengineering.com E-Mail: info@cecifl.com	CLIENT: <b>TOWN OF FORT MYERS BEACH</b>  TITLE: <b>SURVEY CONTROL MAP</b>	DATE: 11/03/2022	SCALE: AS NOTED			
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				CHECKED: MTP	PG.			
				SEC. TWP. RING.				
ACAD NO. 21504-Permit-2021.dwg		3	11/03/2022	KMG	ADDED OFFSHORE BORROW AREA			
REF. NO. 21.504		2	7/14/2022	MTP	ADDRESSED DEP RAI #2			
		1	4/5/2022	KMG	ADDRESSED DEP RAI #1			
		NO.	DATE	BY	REVISION DESCRIPTION			



Approved  
0413684-001-JC



SHEET 4 FILE NO. 21504	<b>COASTAL ENGINEERING CONSULTANTS INC.</b> Serving Florida Since 1977 28421 BONITA CROSSINGS BLVD BONITA SPRINGS, FLORIDA 34135	COASTAL & MARINE ENGINEERING ENVIRONMENTAL & GEOLOGICAL SERVICES SURVEY AND MAPPING ENGINEERING: CA 2464 SURVEYING: LB 2464	CLIENT: <b>TOWN OF FORT MYERS BEACH</b>	DATE: 11/03/2022	SCALE: AS NOTED					
			TITLE: <b>BEACH FILL PLAN VIEW (C174-R187)</b>	DRAWN: KMG	F.B.					
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					NO.	DATE	BY	REVISION DESCRIPTION		

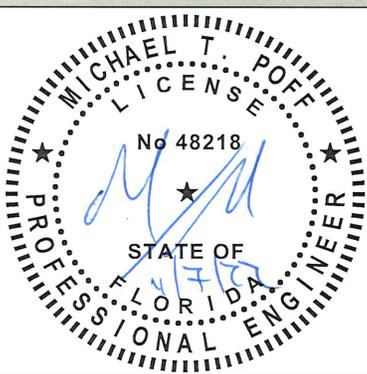
Approved  
0413684-001-JC

EXHIBIT A



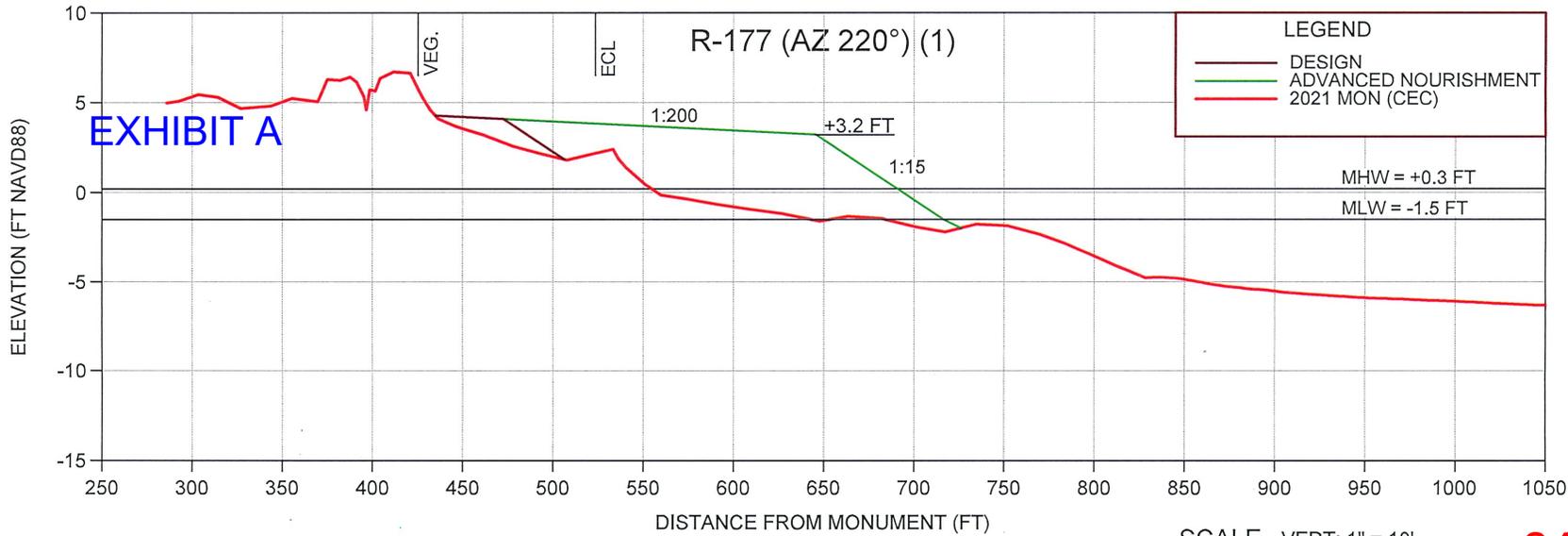
GULF OF MEXICO

ESTERO ISLAND



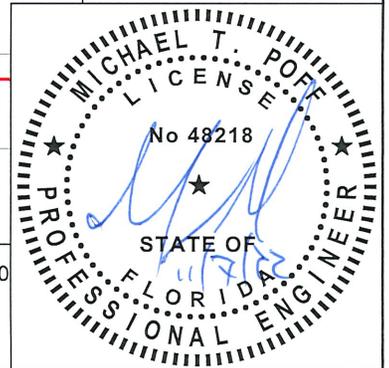
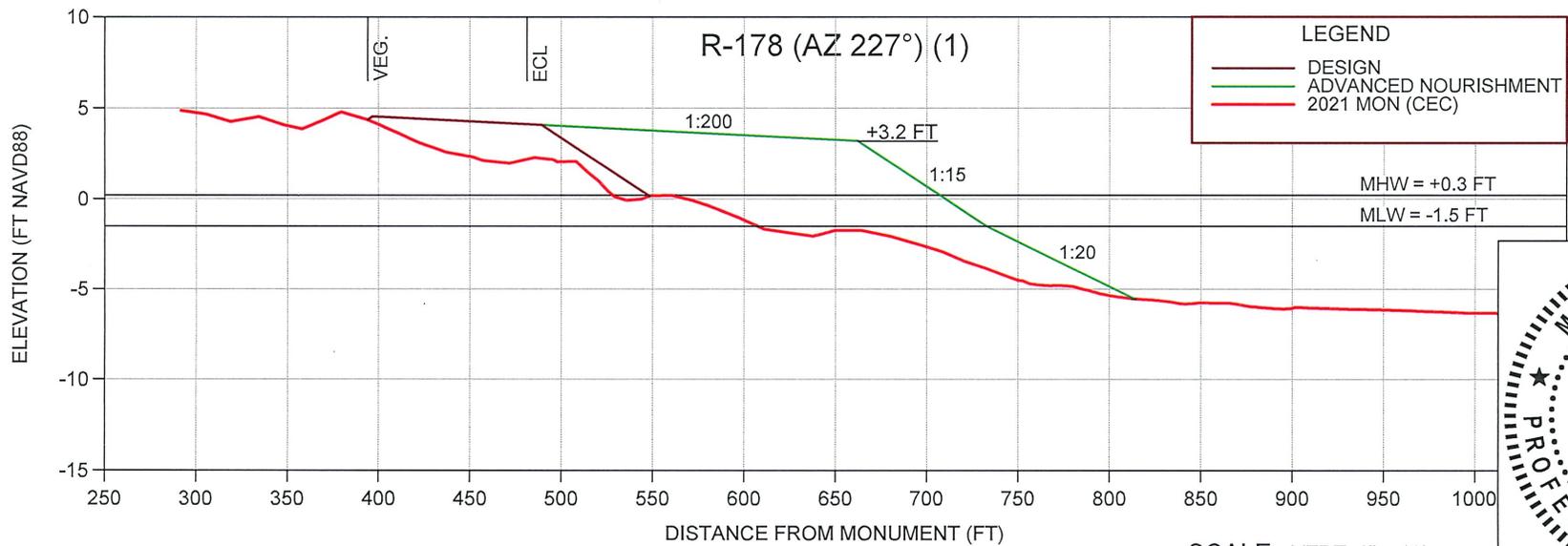
SHEET 5 FILE NO.: 21504-5  <b>COASTAL ENGINEERING CONSULTANTS INC.</b> Serving Florida Since 1977 28421 BONITA CROSSINGS BLVD BONITA SPRINGS, FLORIDA 34135	COASTAL & MARINE ENGINEERING ENVIRONMENTAL & GEOLOGICAL SERVICES SURVEY AND MAPPING ENGINEERING: CA 2464 SURVEYING: LB 2464		CLIENT:	TOWN OF FORT MYERS BEACH		DATE:	11/03/2022	SCALE:	AS NOTED							
			TITLE:	BEACH FILL PLAN VIEW (R187-R198)		DRAWN:	KMG	F.B.								
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						SEC.	TWP.	RNG.					2	7/14/2022	MTP	ADDRESSED DEP RAI #2
						ACAD NO.	21504-Permit-2021.dwg						1	4/5/2022	KMG	ADDRESSED DEP RAI #1
					REF. NO.	21.504										
										NO.	DATE	BY	REVISION DESCRIPTION			





**NOTE:**  
 VEG. = EXISTING DUNE VEGETATION  
 ECL = EROSION CONTROL LINE

**Approved**  
**0413684-001-JC**



SHEET 7  
FILE NO.: 21504-7

**COASTAL ENGINEERING CONSULTANTS INC.**  
 Serving Florida Since 1977  
 28421 BONITA CROSSINGS BLVD  
 BONITA SPRINGS, FLORIDA 34135

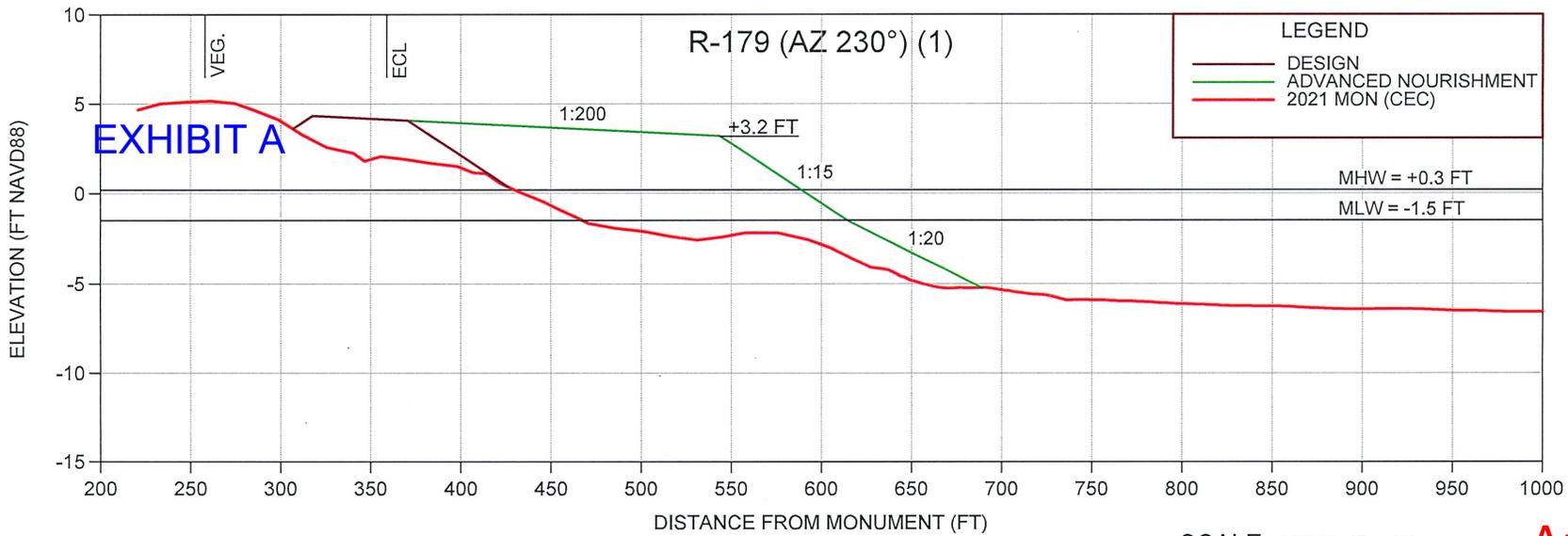
COASTAL & MARINE ENGINEERING  
 ENVIRONMENTAL & GEOLOGICAL SERVICES  
 SURVEY AND MAPPING  
 ENGINEERING: CA 2464  
 SURVEYING: LB 2464  
 PHONE: (239)643-2324  
 FAX: (239)643-1143  
 www.coastalengineering.com  
 E-Mail: info@cecifl.com

CLIENT: **TOWN OF FORT MYERS BEACH**

TITLE: **NORTH FILL SECTIONS**

DATE:	11/03/2022	SCALE:	AS NOTED
DRAWN:	KMG	F.B.	
CHECKED:	MTP	PG.	
SEC.	TWP.	RNG.	
ACAD NO.	21504-Permit-2021.dwg		
REF. NO.	21.504	NO.	DATE

NO.	DATE	BY	REVISION DESCRIPTION
3	11/03/2022	KMG	ADDED OFFSHORE BORROW AREA
2	7/14/2022	MTP	ADDRESSED DEP RAI #2
1	4/5/2022	KMG	ADDRESSED DEP RAI #1



**LEGEND**

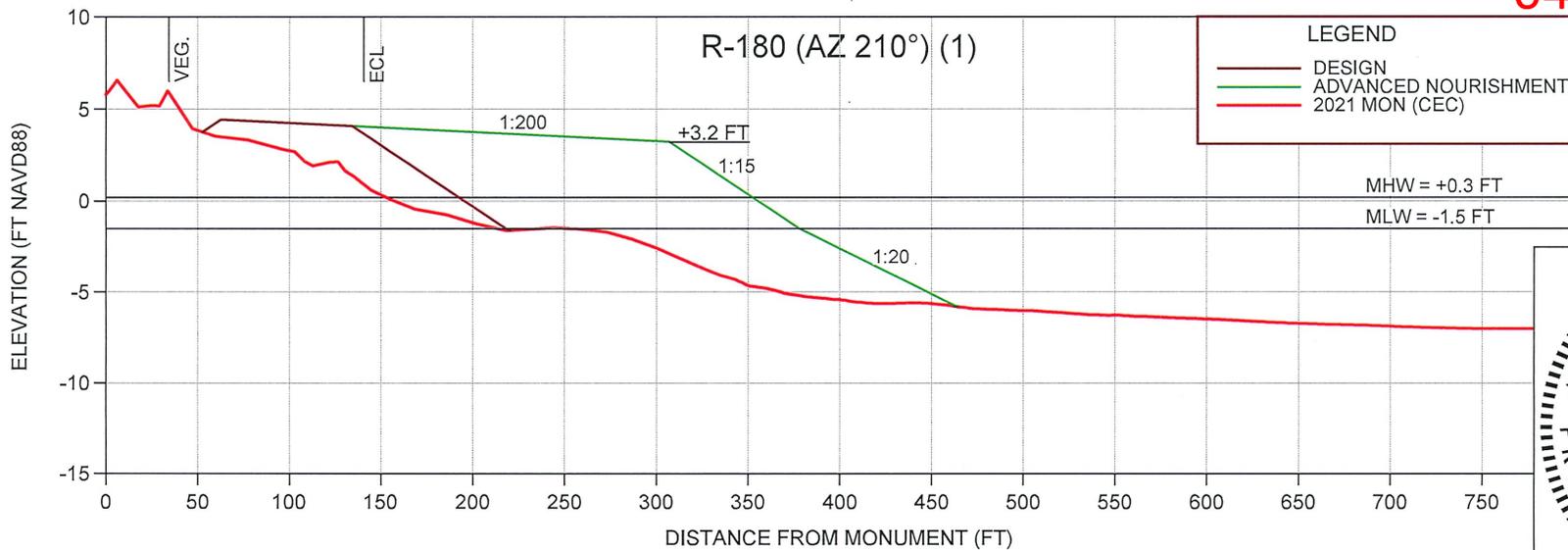
- DESIGN
- ADVANCED NOURISHMENT
- 2021 MON (CEC)

**NOTE:**  
 VEG. = EXISTING DUNE VEGETATION  
 ECL = EROSION CONTROL LINE

**SCALE** VERT: 1" = 10'  
 HORIZ: 1" = 100'

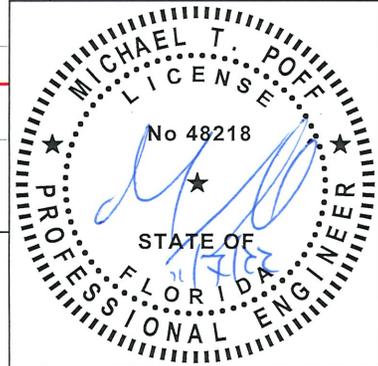
**Approved**

**0413684-001-JC**



**LEGEND**

- DESIGN
- ADVANCED NOURISHMENT
- 2021 MON (CEC)



**SCALE** VERT: 1" = 10'  
 HORIZ: 1" = 100'

**COASTAL ENGINEERING CONSULTANTS INC.**  
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 28421 BONITA CROSSINGS BLVD  
 BONITA SPRINGS, FLORIDA 34135

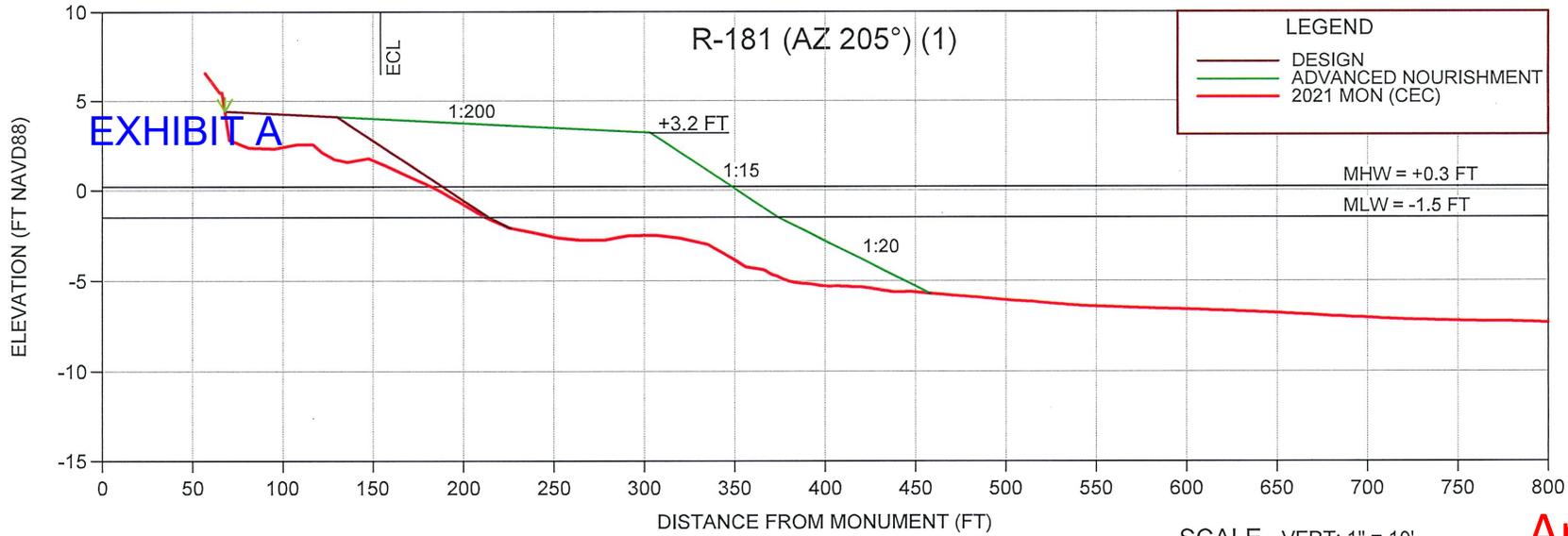
**COASTAL & MARINE ENGINEERING ENVIRONMENTAL & GEOLOGICAL SERVICES SURVEY AND MAPPING ENGINEERING: CA 2464 SURVEYING: LB 2464**  
 PHONE: (239)643-2324  
 FAX: (239)643-1143  
 www.coastalengineering.com  
 E-Mail: info@cecifl.com

CLIENT: **TOWN OF FORT MYERS BEACH**

TITLE: **NORTH FILL SECTIONS**

DATE:	11/03/2022	SCALE:	AS NOTED
DRAWN:	KMG	F.B.	
CHECKED:	MTP	PG.	
SEC.	TWP.	RNG.	
ACAD NO.	21504-Permit-2021.dwg		
REF. NO.	21.504	NO.	DATE
		BY	REVISION DESCRIPTION
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			ADDRESSED DEP RAI #2
			ADDRESSED DEP RAI #1

SHEET 8  
 FILE NO. Z:15048

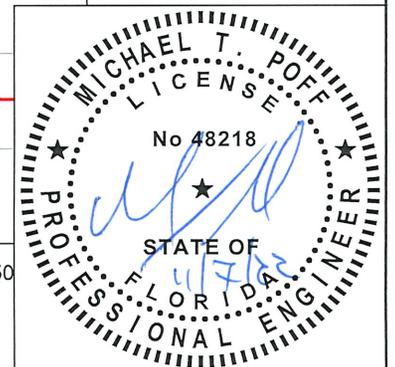
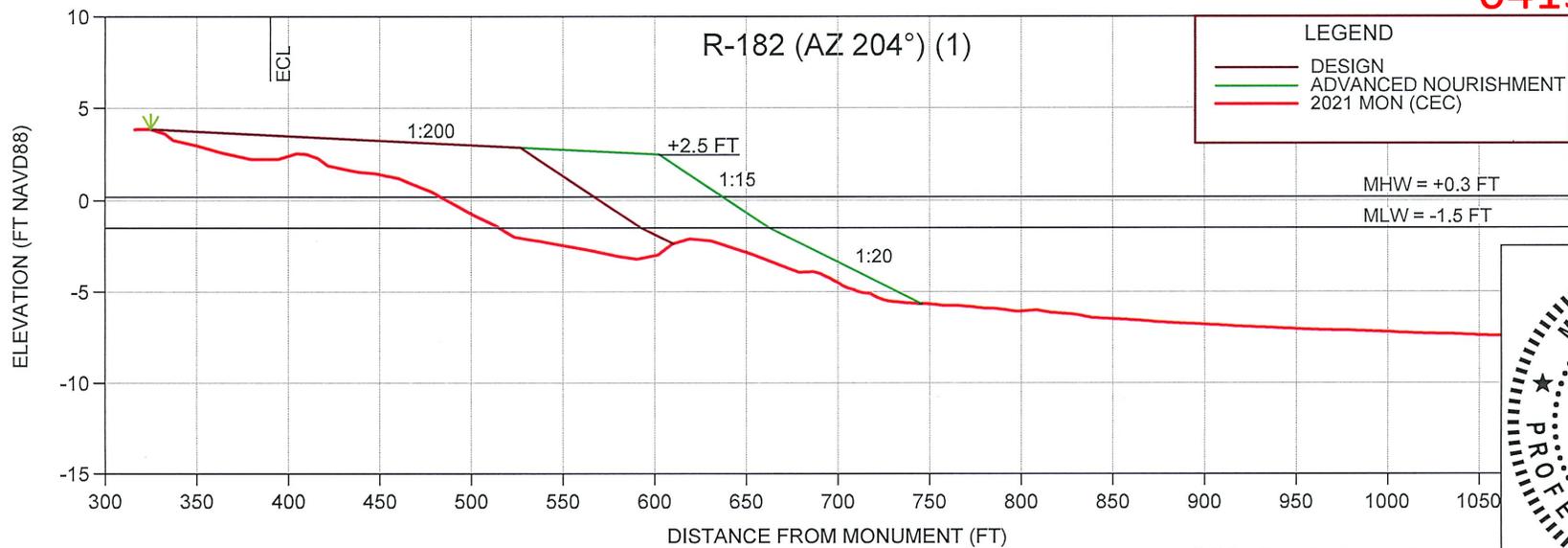


**NOTE:**  
 ▼ = 10' WIDE  
 DUNE PLANTINGS  
 AT GRADE

ECL = EROSION  
 CONTROL  
 LINE

**Approved**

**0413684-001-JC**



SHEET 9  
FILE NO. 21504-9

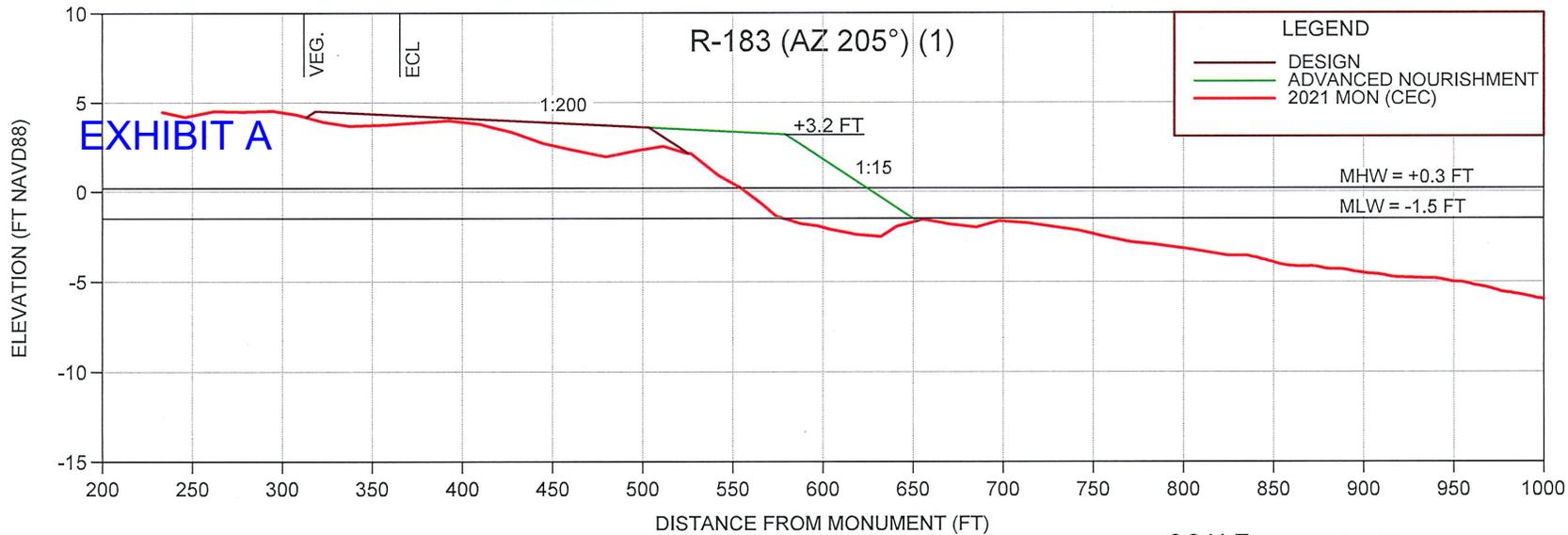
**COASTAL ENGINEERING CONSULTANTS INC.**  
 Serving Florida Since 1977  
 28421 BONITA CROSSINGS BLVD  
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COASTAL & MARINE ENGINEERING  
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CLIENT: **TOWN OF FORT MYERS BEACH**  
 TITLE: **NORTH FILL SECTIONS**

DATE:	11/03/2022	SCALE:	AS NOTED
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CHECKED:	MTP	PG.	
SEC.	TWP.	RNG.	
ACAD NO.	21504-Permit-2021.dwg		
REF. NO.	21.504	NO.	DATE

NO.	DATE	BY	REVISION DESCRIPTION
3	11/03/2022	KMG	ADDED OFFSHORE BORROW AREA
2	7/14/2022	MTP	ADDRESSED DEP RAI #2
1	4/5/2022	KMG	ADDRESSED DEP RAI #1

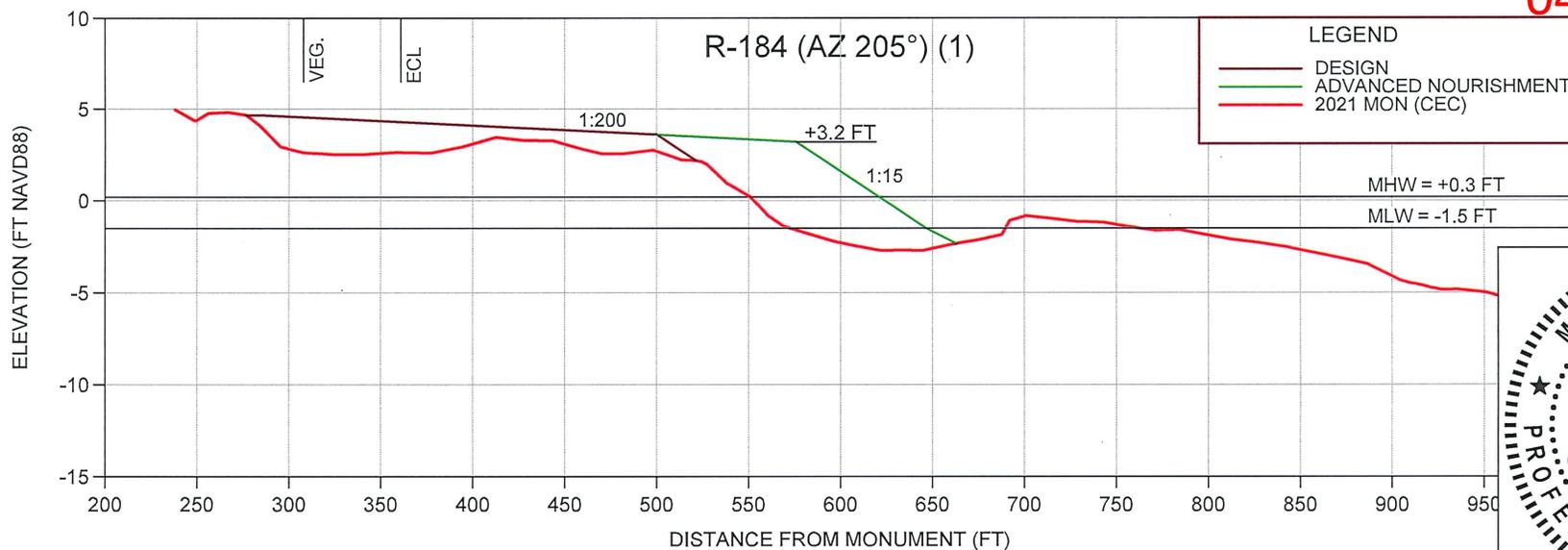


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 ECL = EROSION CONTROL LINE

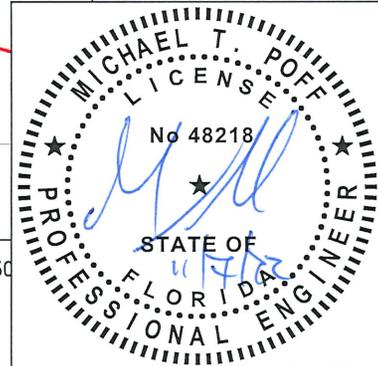
**SCALE** VERT: 1" = 10'  
 HORIZ: 1" = 100'

**Approved**

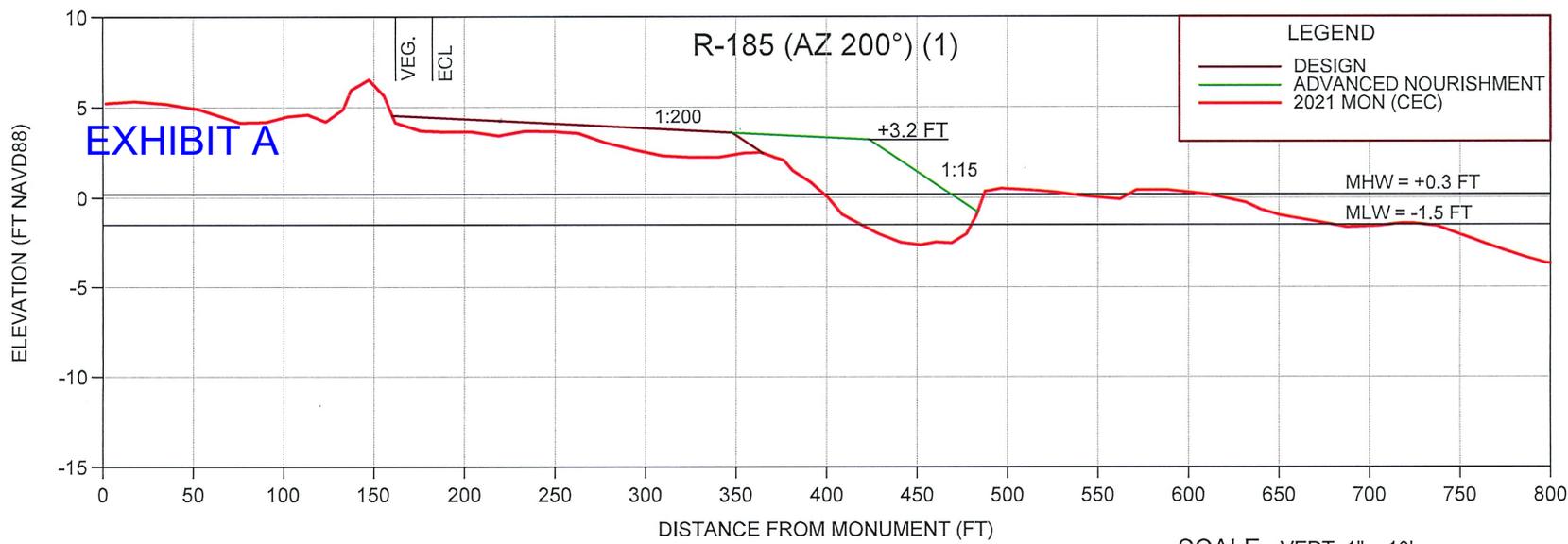
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**SCALE** VERT: 1" = 10'  
 HORIZ: 1" = 100'

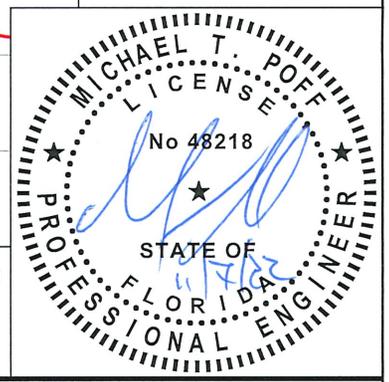
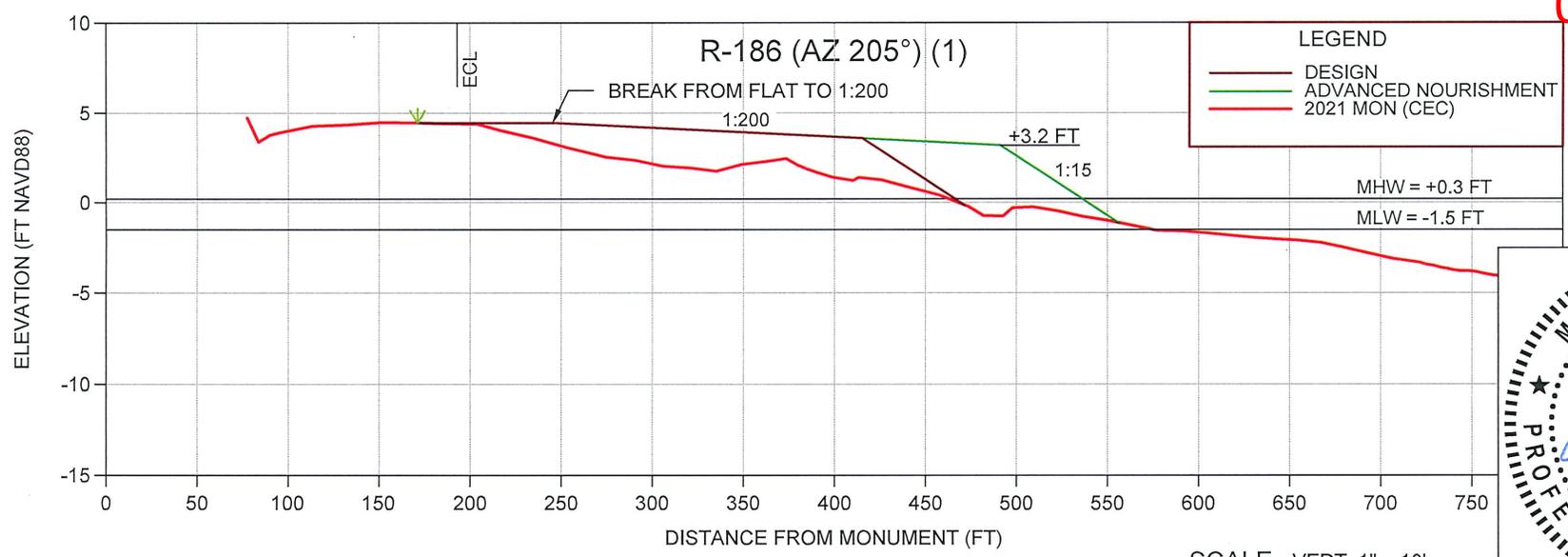


SHEET NO. 21504-10  <b>COASTAL ENGINEERING CONSULTANTS INC.</b> Serving Florida Since 1977 28421 BONITA CROSSINGS BLVD BONITA SPRINGS, FLORIDA 34135 COASTAL & MARINE ENGINEERING ENVIRONMENTAL & GEOLOGICAL SERVICES SURVEY AND MAPPING ENGINEERING: CA 2464 SURVEYING: LB 2464 PHONE: (239)643-2324 FAX: (239)643-1143 www.coastalengineering.com E-Mail: info@cecifl.com	CLIENT: <b>TOWN OF FORT MYERS BEACH</b> TITLE: <b>CENTRAL FILL SECTIONS</b>	DATE: 11/03/2022 DRAWN: KMG CHECKED: MTP SEC.: TWP. RING. ACAD NO.: 21504-Permit-2021.dwg REF. NO.: 21.504	SCALE: AS NOTED F.B. PG. RING.	<table border="1"> <tr> <th>NO.</th> <th>DATE</th> <th>BY</th> <th>REVISION DESCRIPTION</th> </tr> <tr> <td>3</td> <td>11/03/2022</td> <td>KMG</td> <td>ADDED OFFSHORE BORROW AREA</td> </tr> <tr> <td>2</td> <td>7/14/2022</td> <td>MTP</td> <td>ADDRESSED DEP RAI #2</td> </tr> <tr> <td>1</td> <td>4/5/2022</td> <td>KMG</td> <td>ADDRESSED DEP RAI #1</td> </tr> </table>	NO.	DATE	BY	REVISION DESCRIPTION	3	11/03/2022	KMG	ADDED OFFSHORE BORROW AREA	2	7/14/2022	MTP	ADDRESSED DEP RAI #2	1	4/5/2022	KMG	ADDRESSED DEP RAI #1
	NO.	DATE	BY	REVISION DESCRIPTION																
	3	11/03/2022	KMG	ADDED OFFSHORE BORROW AREA																
	2	7/14/2022	MTP	ADDRESSED DEP RAI #2																
1	4/5/2022	KMG	ADDRESSED DEP RAI #1																	



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0413684-001-JC



SHEET 11  
 FILE NO. 21504-11

**COASTAL ENGINEERING CONSULTANTS INC.**  
 Serving Florida Since 1977  
 28421 BONITA CROSSINGS BLVD  
 BONITA SPRINGS, FLORIDA 34135

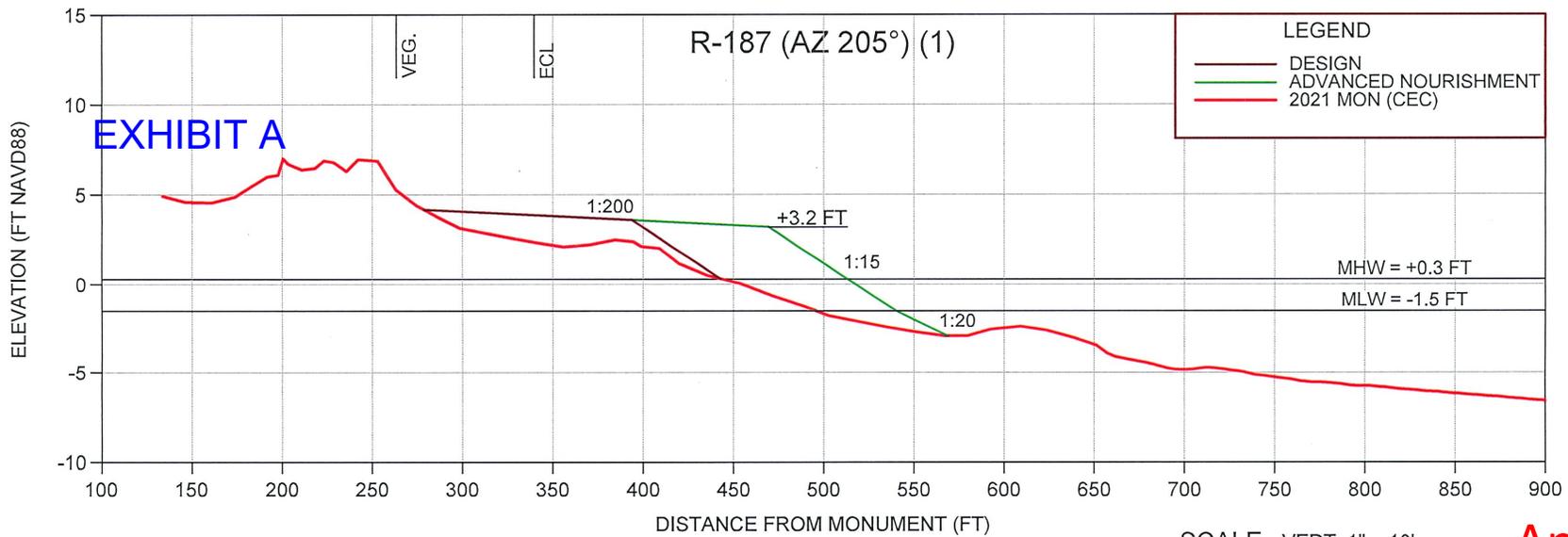
COASTAL & MARINE ENGINEERING  
 ENVIRONMENTAL & GEOLOGICAL SERVICES  
 SURVEY AND MAPPING  
 ENGINEERING: CA 2464  
 SURVEYING: LB 2464

PHONE: (239)643-2324  
 FAX: (239)643-1143  
 www.coastalengineering.com  
 E-Mail: info@cecifl.com

CLIENT: **TOWN OF FORT MYERS BEACH**

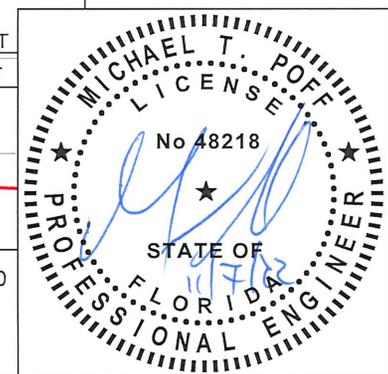
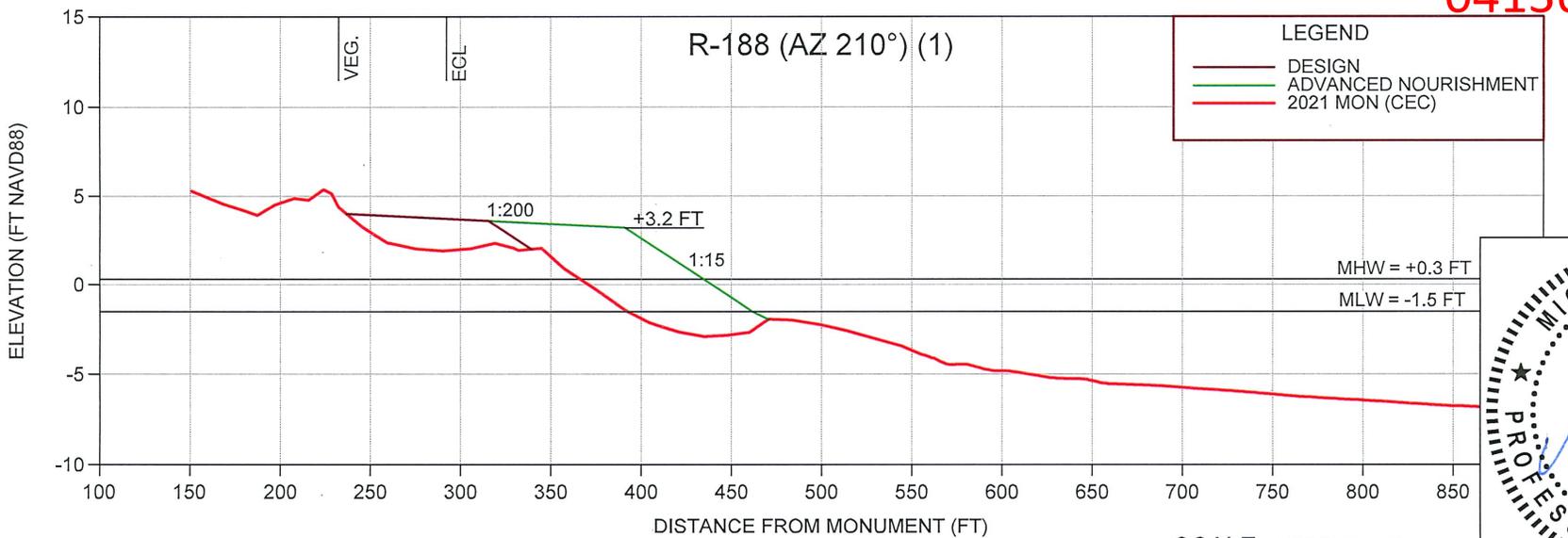
TITLE: **CENTRAL FILL SECTIONS**

DATE:	11/03/2022	SCALE:	AS NOTED
DRAWN:	KMG	F.B.	
CHECKED:	MTP	PG.	
SEC.	TWP.	RNG.	
ACAD NO.	21504-Permit-2021.dwg		
REF. NO.	21,504	NO.	DATE
		BY	REVISION DESCRIPTION
			ADDED OFFSHORE BORROW AREA
			ADDRESSED DEP RAI #2
			ADDRESSED DEP RAI #1



**NOTE:**  
 VEG. = EXISTING DUNE VEGETATION  
 ECL = EROSION CONTROL LINE

**Approved**  
**0413684-001-JC**



SHEET 12 FILE NO. 21504-12	<b>COASTAL ENGINEERING CONSULTANTS INC.</b> Serving Florida Since 1977 28421 BONITA CROSSINGS BLVD BONITA SPRINGS, FLORIDA 34135	COASTAL & MARINE ENGINEERING ENVIRONMENTAL & GEOLOGICAL SERVICES SURVEY AND MAPPING ENGINEERING: CA 2464 SURVEYING: LB 2464 PHONE: (239)643-2324 FAX: (239)643-1143 www.coastalengineering.com E-Mail: info@ceciff.com	CLIENT:	TOWN OF FORT MYERS BEACH	DATE:	11/03/2022	SCALE:	AS NOTED					
			TITLE:	CENTRAL FILL SECTIONS	DRAWN:	KMG	F.B.						
					CHECKED:	MTP	PG.			3	11/03/2022	KMG	ADDED OFFSHORE BORROW AREA
					SEC.	TWP.	RNG.			2	7/14/2022	MTP	ADDRESSED DEP RAI #2
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					REF. NO.	21.504							REVISION DESCRIPTION

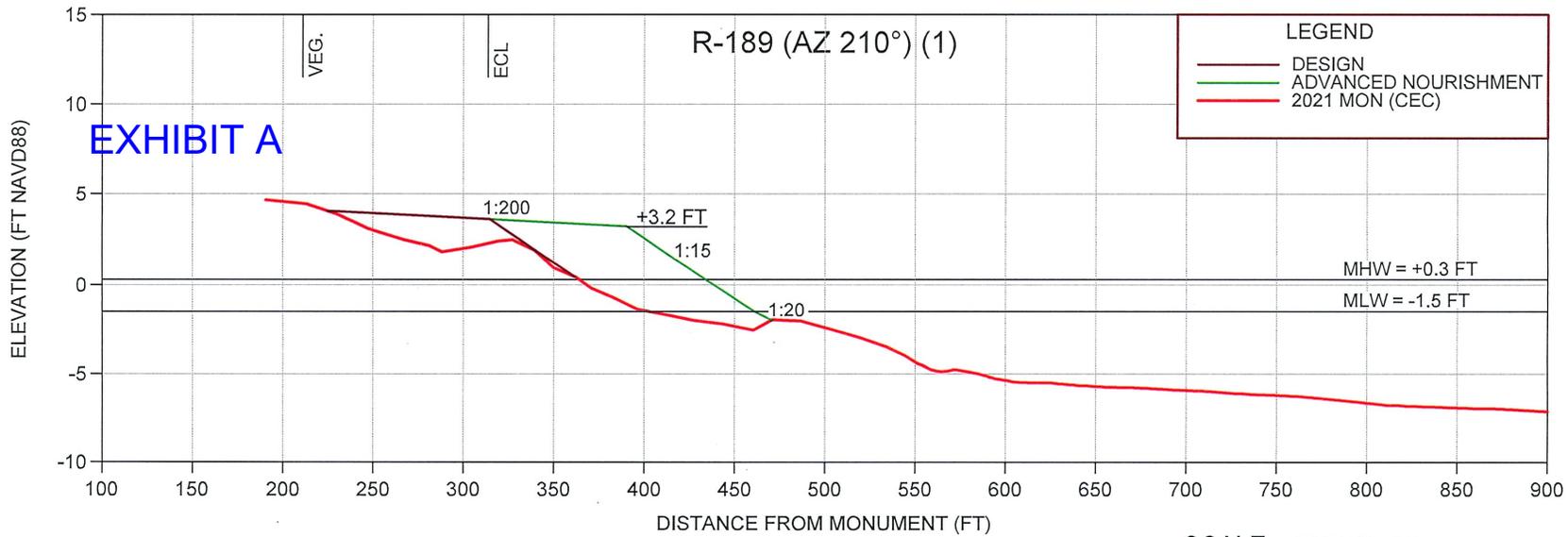


EXHIBIT A

**LEGEND**

- DESIGN
- ADVANCED NOURISHMENT
- 2021 MON (CEC)

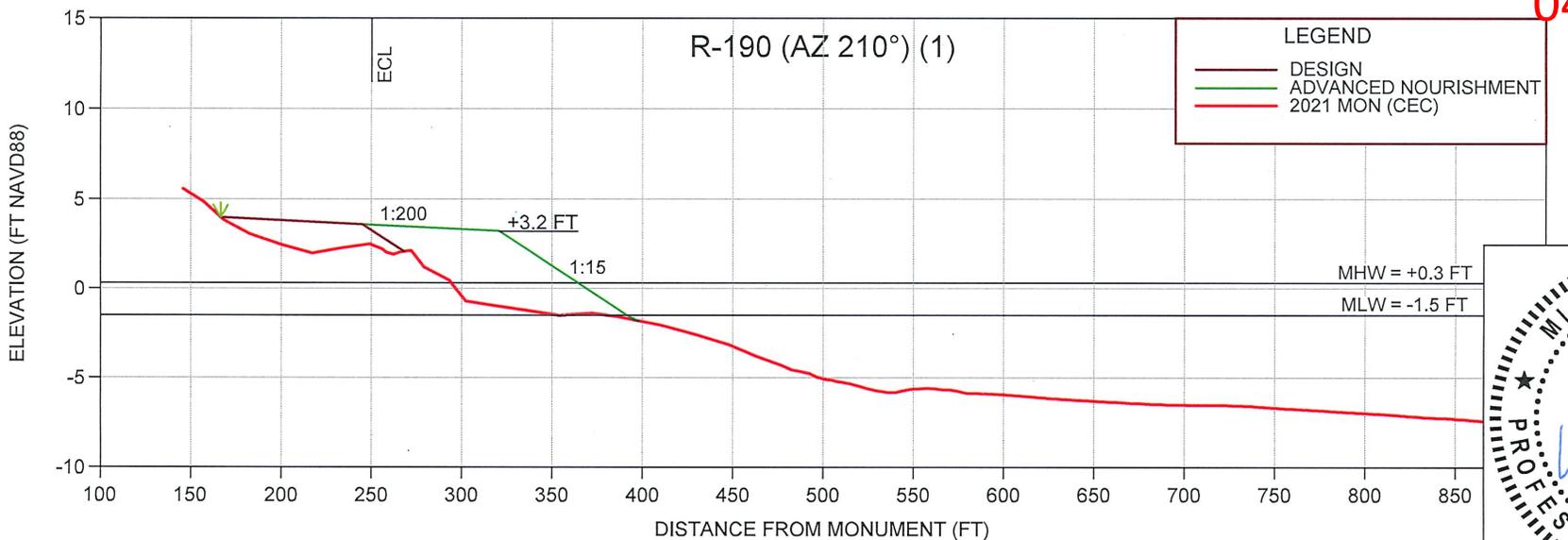
**NOTE:**

- ▼ = 10' WIDE DUNE PLANTINGS AT GRADE
- VEG. = EXISTING DUNE VEGETATION
- ECL = EROSION CONTROL LINE

**SCALE** VERT: 1" = 10'  
HORIZ: 1" = 100'

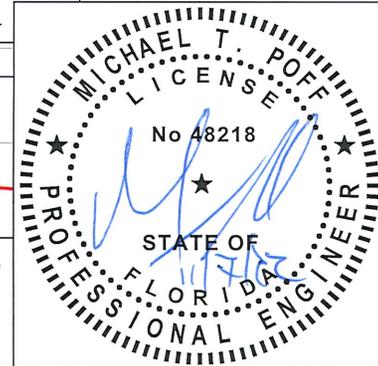
Approved

0413684-001-JC



**LEGEND**

- DESIGN
- ADVANCED NOURISHMENT
- 2021 MON (CEC)



**SCALE** VERT: 1" = 10'  
HORIZ: 1" = 100'

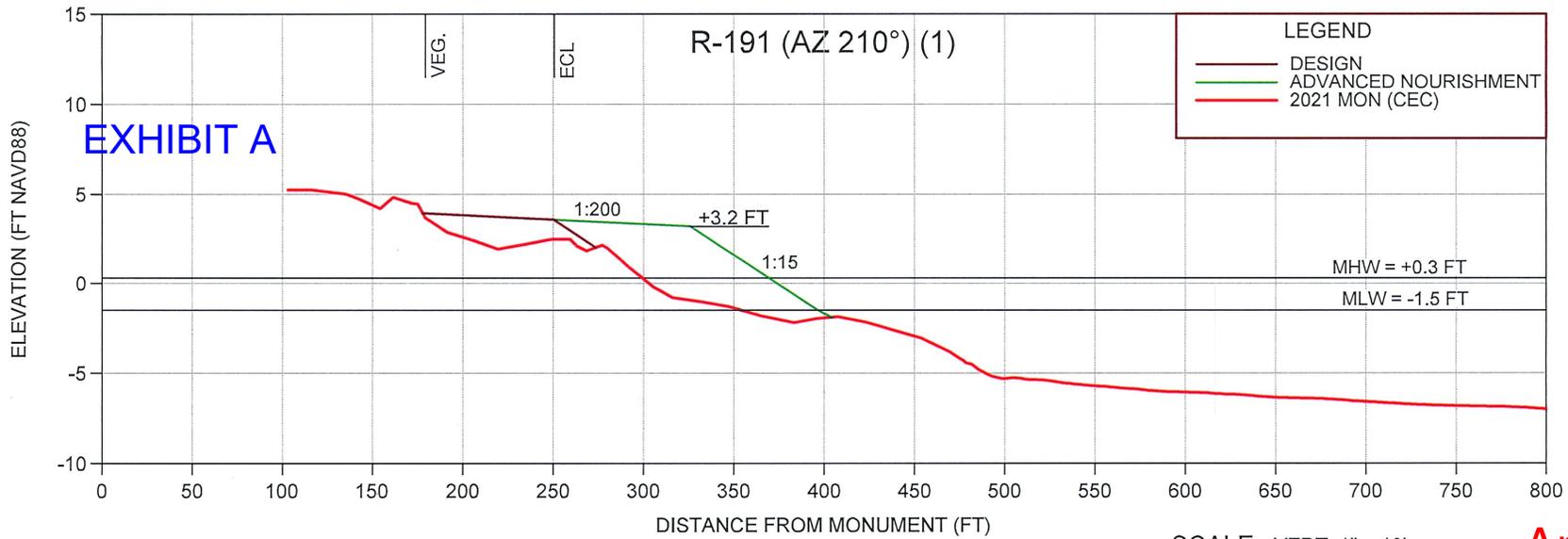
SHEET 13  
FILE NO.: 21504-13

**COASTAL ENGINEERING CONSULTANTS INC.**  
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ENGINEERING: CA 2464  
SURVEYING: LB 2464  
PHONE: (239)643-2324  
FAX: (239)643-1143  
www.coastalengineering.com  
E-Mail: info@cecifl.com

CLIENT: TOWN OF FORT MYERS BEACH  
TITLE: CENTRAL FILL SECTIONS

DATE:	11/03/2022	SCALE:	AS NOTED
DRAWN:	KMG	F.B.	
CHECKED:	MTP	PG.	
SEC.	TWP.	RNG.	
ACAD NO.	21504-Permit-2021.dwg		
REF. NO.	21.504	NO.	DATE
		BY	REVISION DESCRIPTION
			3 11/03/2022 KMG ADDED OFFSHORE BORROW AREA
			2 7/14/2022 MTP ADDRESSED DEP RAI #2
			1 4/5/2022 KMG ADDRESSED DEP RAI #1



**NOTE:**  
 VEG. = EXISTING DUNE VEGETATION  
 ECL. = EROSION CONTROL LINE

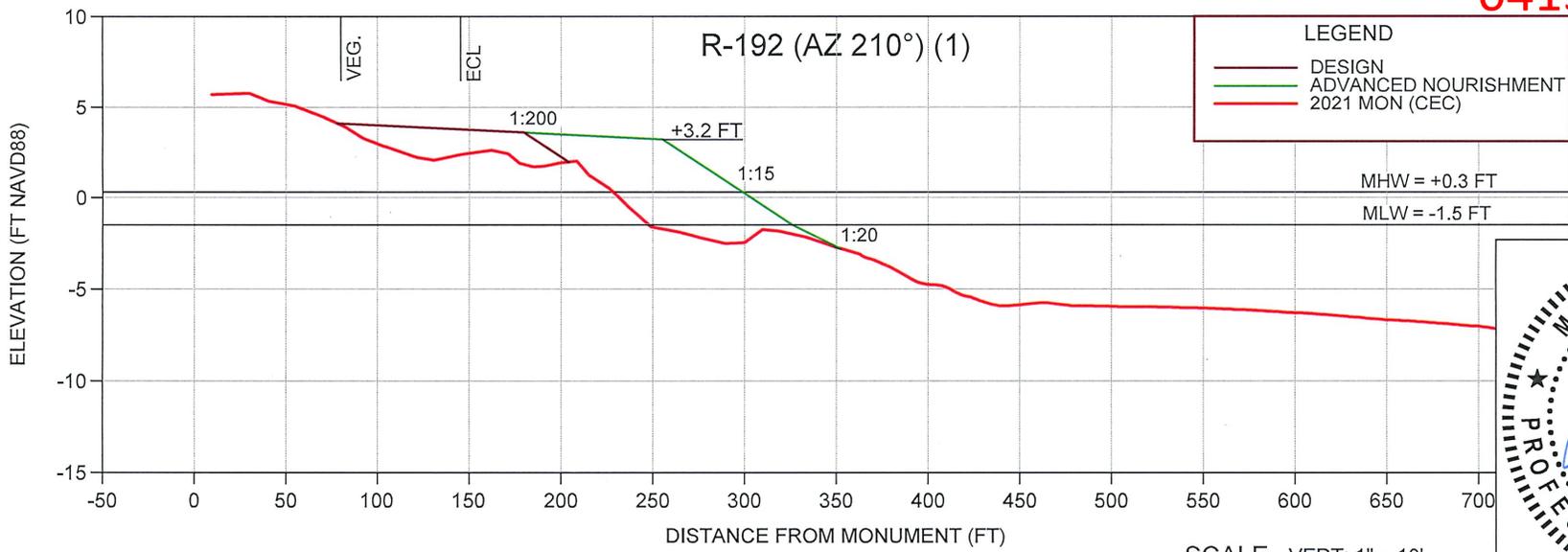
**LEGEND**  
 — DESIGN  
 — ADVANCED NOURISHMENT  
 — 2021 MON (CEC)

**EXHIBIT A**

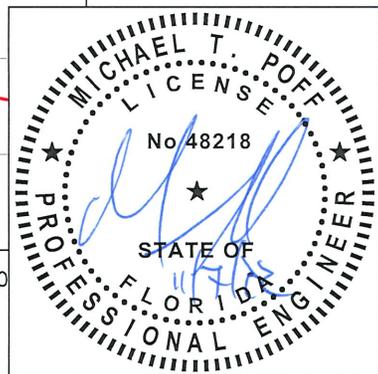
**SCALE** VERT: 1" = 10'  
 HORIZ: 1" = 100'

**Approved**

**0413684-001-JC**



**LEGEND**  
 — DESIGN  
 — ADVANCED NOURISHMENT  
 — 2021 MON (CEC)



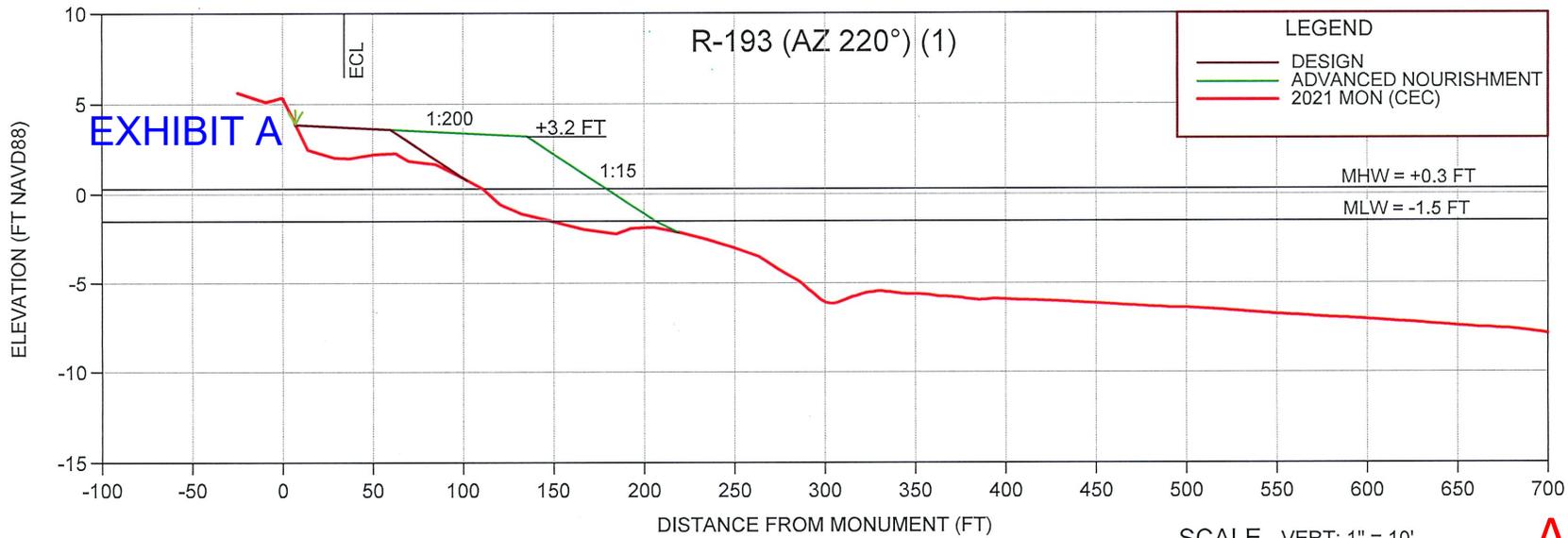
**SCALE** VERT: 1" = 10'  
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**CLIENT:** TOWN OF FORT MYERS BEACH  
**TITLE:** CENTRAL FILL SECTIONS

DATE:	11/03/2022	SCALE:	AS NOTED
DRAWN:	KMG	F.B.	
CHECKED:	MTP	PG.	
SEC.	TWP.	RNG.	
ACAD NO.	21504-Permit-2021.dwg		
REF. NO.	21,504	NO.	DATE
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			1 4/5/2022 KMG ADDRESSED DEP RAI #1



**EXHIBIT A**

**LEGEND**

- DESIGN
- ADVANCED NOURISHMENT
- 2021 MON (CEC)

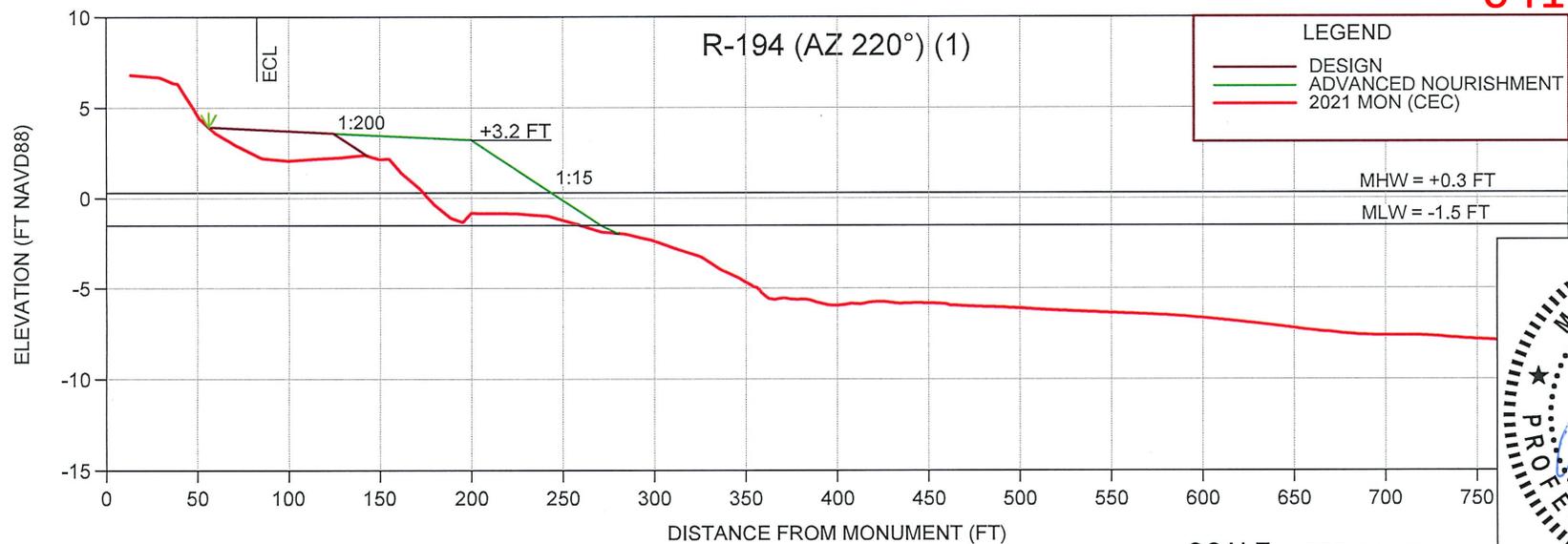
**NOTE:**  
 ▼ = 10' WIDE  
 DUNE PLANTINGS  
 AT GRADE  
 ECL = EROSION  
 CONTROL  
 LINE

MHW = +0.3 FT  
 MLW = -1.5 FT

**SCALE** VERT: 1" = 10'  
 HORIZ: 1" = 100'

**Approved**

**0413684-001-JC**

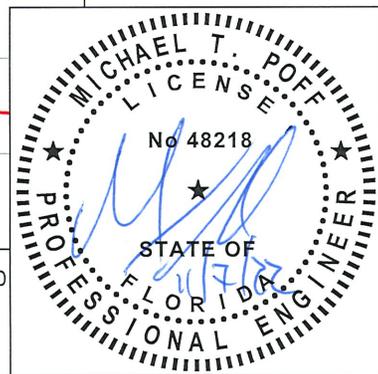


**LEGEND**

- DESIGN
- ADVANCED NOURISHMENT
- 2021 MON (CEC)

MHW = +0.3 FT  
 MLW = -1.5 FT

**SCALE** VERT: 1" = 10'  
 HORIZ: 1" = 100'



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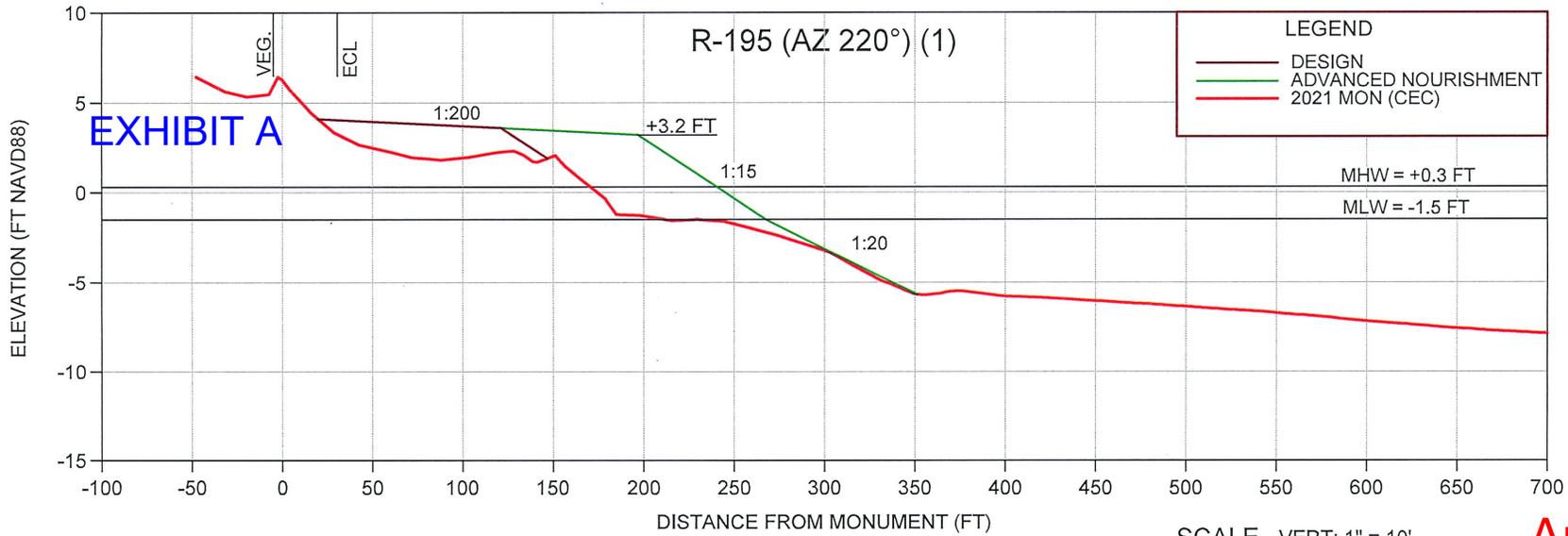
COASTAL & MARINE ENGINEERING  
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 SURVEY AND MAPPING  
 ENGINEERING: CA 2464  
 SURVEYING: LB 2464

PHONE: (239)643-2324  
 FAX: (239)643-1143  
 www.coastalengineering.com  
 E-Mail: info@cecifl.com

CLIENT: **TOWN OF FORT MYERS BEACH**

TITLE: **CENTRAL FILL SECTIONS**

DATE:	11/03/2022	SCALE:	AS NOTED
DRAWN:	KMG	F.B.	
CHECKED:	MTP	PG.	
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ACAD NO.	21504-Permit-2021.dwg		
REF. NO.	21.504	NO.	DATE
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			2 7/14/2022 MTP ADDRESSED DEP RAI #2
			1 4/5/2022 KMG ADDRESSED DEP RAI #1



**LEGEND**

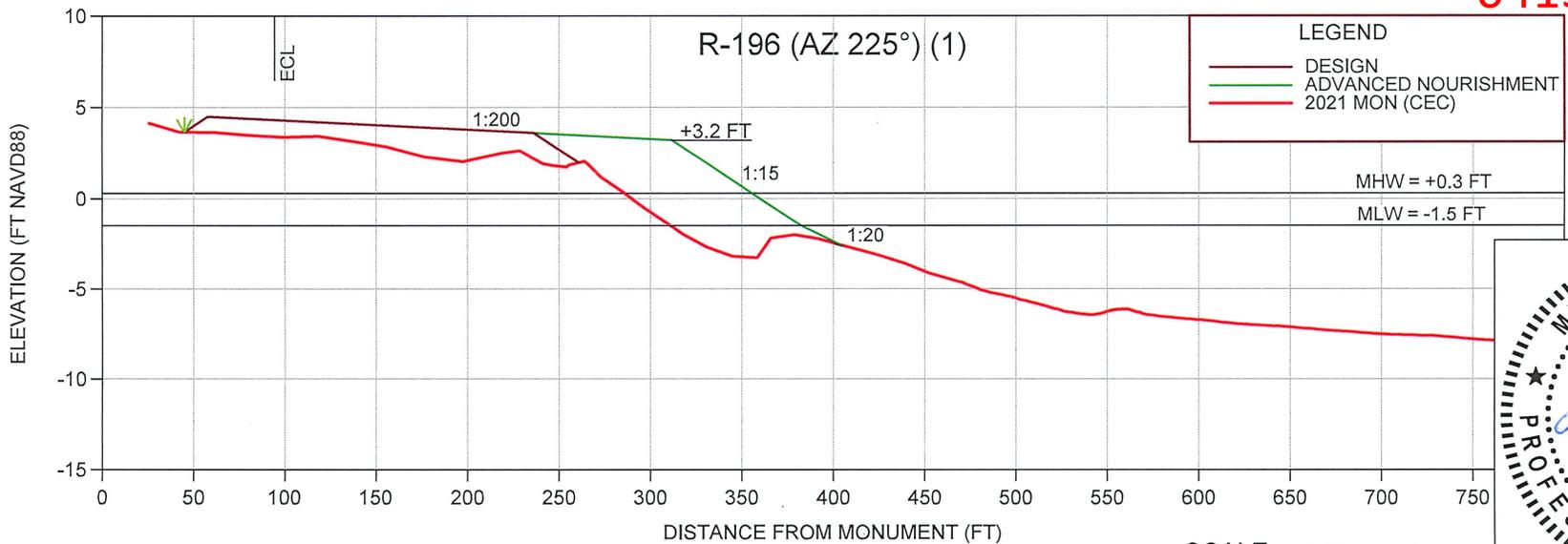
- DESIGN
- ADVANCED NOURISHMENT
- 2021 MON (CEC)

**NOTE:**  
 ▼ = 10' WIDE DUNE PLANTINGS AT GRADE  
 VEG. = EXISTING DUNE VEGETATION  
 ECL = EROSION CONTROL LINE

**SCALE** VERT: 1" = 10'  
 HORIZ: 1" = 100'

**Approved**

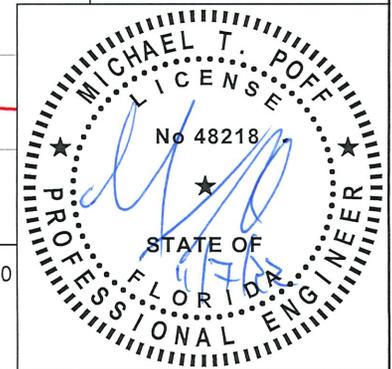
**0413684-001-JC**



**LEGEND**

- DESIGN
- ADVANCED NOURISHMENT
- 2021 MON (CEC)

**SCALE** VERT: 1" = 10'  
 HORIZ: 1" = 100'



SHEET 16  
FILE NO. 21504-16

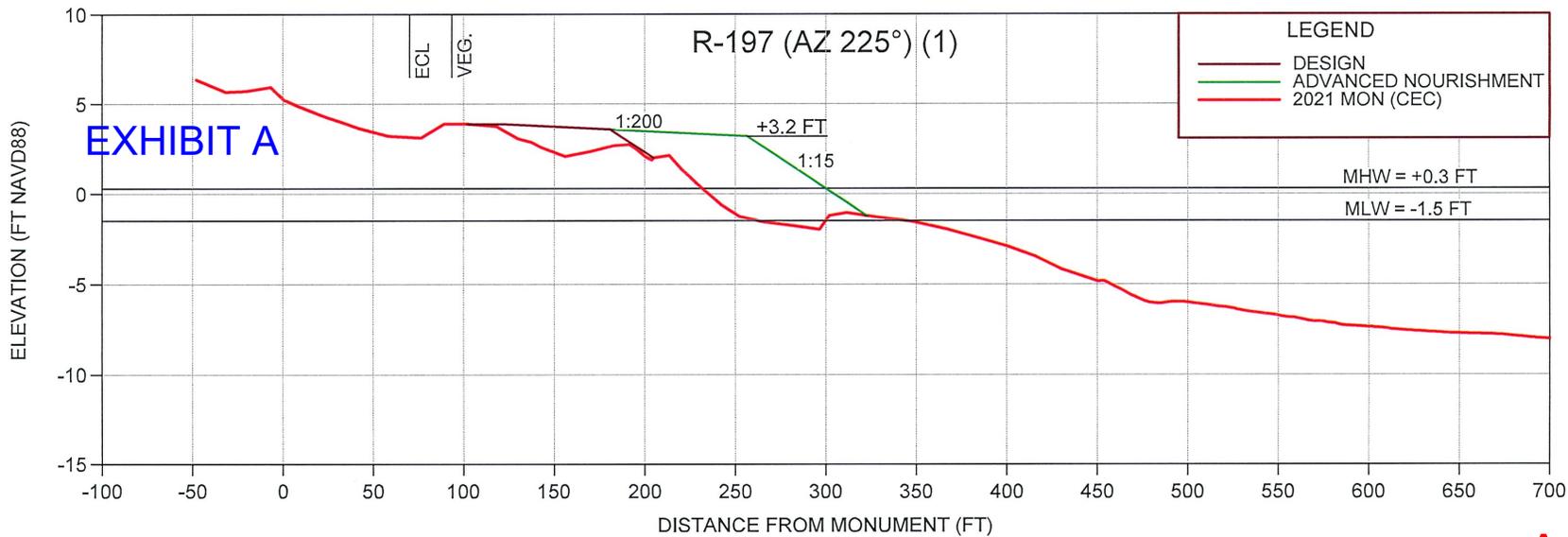
**COASTAL ENGINEERING CONSULTANTS INC.**  
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 BONITA SPRINGS, FLORIDA 34135

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 ENGINEERING: CA 2464  
 SURVEYING: LB 2464  
 PHONE: (239)643-2324  
 FAX: (239)643-1143  
 www.coastalengineering.com  
 E-Mail: info@cecifl.com

CLIENT: **TOWN OF FORT MYERS BEACH**  
 TITLE: **CENTRAL FILL SECTIONS**

DATE:	11/03/2022	SCALE:	AS NOTED
DRAWN:	KMG	F.B.	
CHECKED:	MTP	PG.	
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REF. NO.	21.504	NO.	DATE

NO.	DATE	BY	REVISION DESCRIPTION
3	11/03/2022	KMG	ADDED OFFSHORE BORROW AREA
2	7/14/2022	MTP	ADDRESSED DEP RAI #2
1	4/5/2022	KMG	ADDRESSED DEP RAI #1



**LEGEND**

- DESIGN
- ADVANCED NOURISHMENT
- 2021 MON (CEC)

**NOTE:**

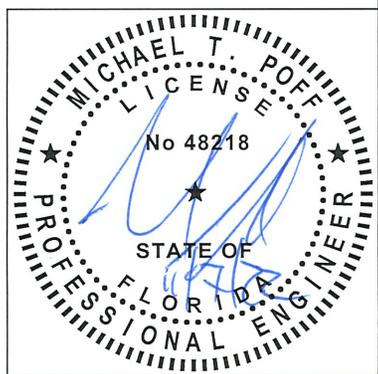
VEG. = EXISTING DUNE VEGETATION

ECL = EROSION CONTROL LINE

**EXHIBIT A**

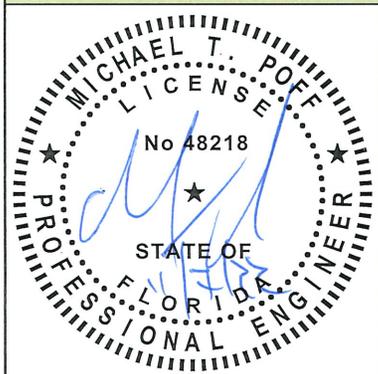
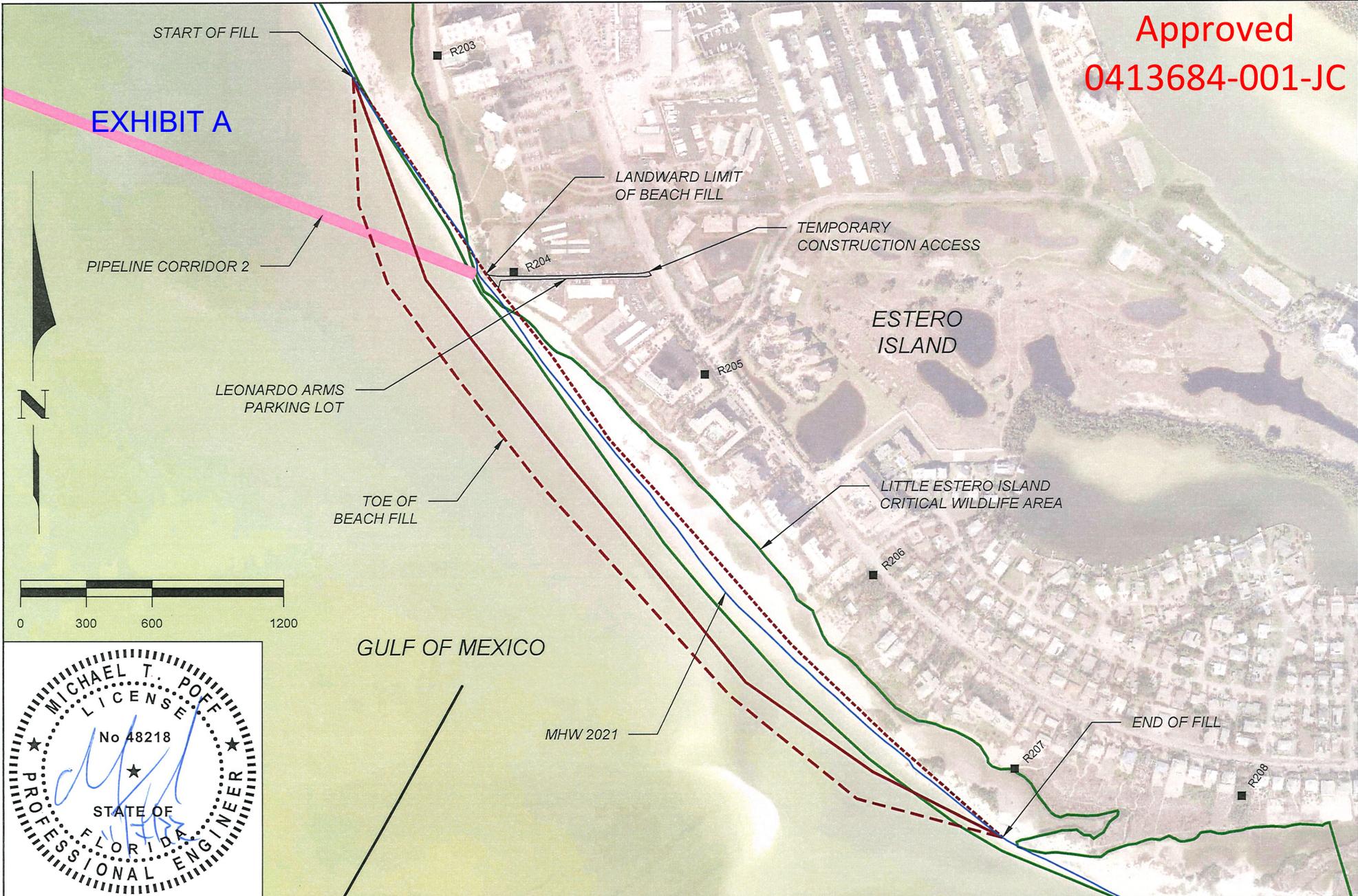
**SCALE** VERT: 1" = 10'  
HORIZ: 1" = 100'

**Approved**  
**0413684-001-JC**



SHEET 17 FILE NO.: 21904-17	<b>COASTAL ENGINEERING CONSULTANTS INC.</b> Serving Florida Since 1977 28421 BONITA CROSSINGS BLVD BONITA SPRINGS, FLORIDA 34135	COASTAL & MARINE ENGINEERING ENVIRONMENTAL & GEOLOGICAL SERVICES SURVEY AND MAPPING ENGINEERING: CA 2464 SURVEYING: LB 2464  PHONE: (239)643-2324 FAX: (239)643-1143 www.coastalengineering.com E-Mail: info@cecifl.com	CLIENT:	TOWN OF FORT MYERS BEACH	DATE:	11/03/2022	SCALE:	AS NOTED					
			TITLE:	CENTRAL FILL SECTIONS	DRAWN:	KMG	F.B.						
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					SEC.	TWP.	RNG.			2	7/14/2022	MTP	ADDRESSED DEP RAI #2
					ACAD NO.	21504-Permit-2021.dwg				1	4/5/2022	KMG	ADDRESSED DEP RAI #1
					REF. NO.	21.504							REVISION DESCRIPTION

Approved  
0413684-001-JC



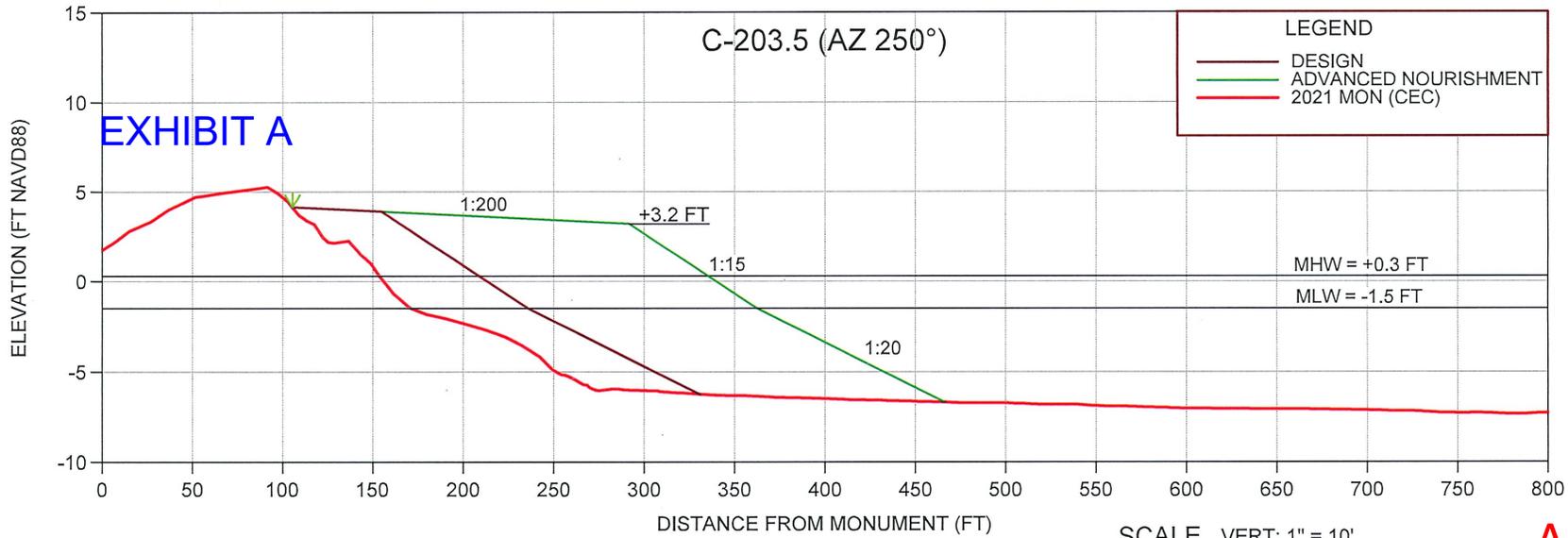
**COASTAL ENGINEERING CONSULTANTS INC.**  
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BONITA SPRINGS, FLORIDA 34135

COASTAL & MARINE ENGINEERING  
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SURVEYING: LB 2464  
PHONE: (239)643-2324  
FAX: (239)643-1143  
www.coastalengineering.com  
E-Mail: info@cecifl.com

CLIENT: TOWN OF FORT MYERS BEACH  
TITLE: BEACH FILL PLAN VIEW (R203-R207)

DATE:	11/03/2022	SCALE:	AS NOTED
DRAWN:	KMG	F.B.	
CHECKED:	MTP	PG.	
SEC.	TWP.	RNG.	
ACAD NO.	21504-Permit-2021.dwg		
REF. NO.	21,504	NO.	DATE

NO.	DATE	BY	REVISION DESCRIPTION
3	11/03/2022	KMG	ADDED OFFSHORE BORROW AREA
2	7/14/2022	MTP	ADDRESSED DEP RAI #2
1	4/5/2022	KMG	ADDRESSED DEP RAI #1



**LEGEND**

- DESIGN
- ADVANCED NOURISHMENT
- 2021 MON (CEC)

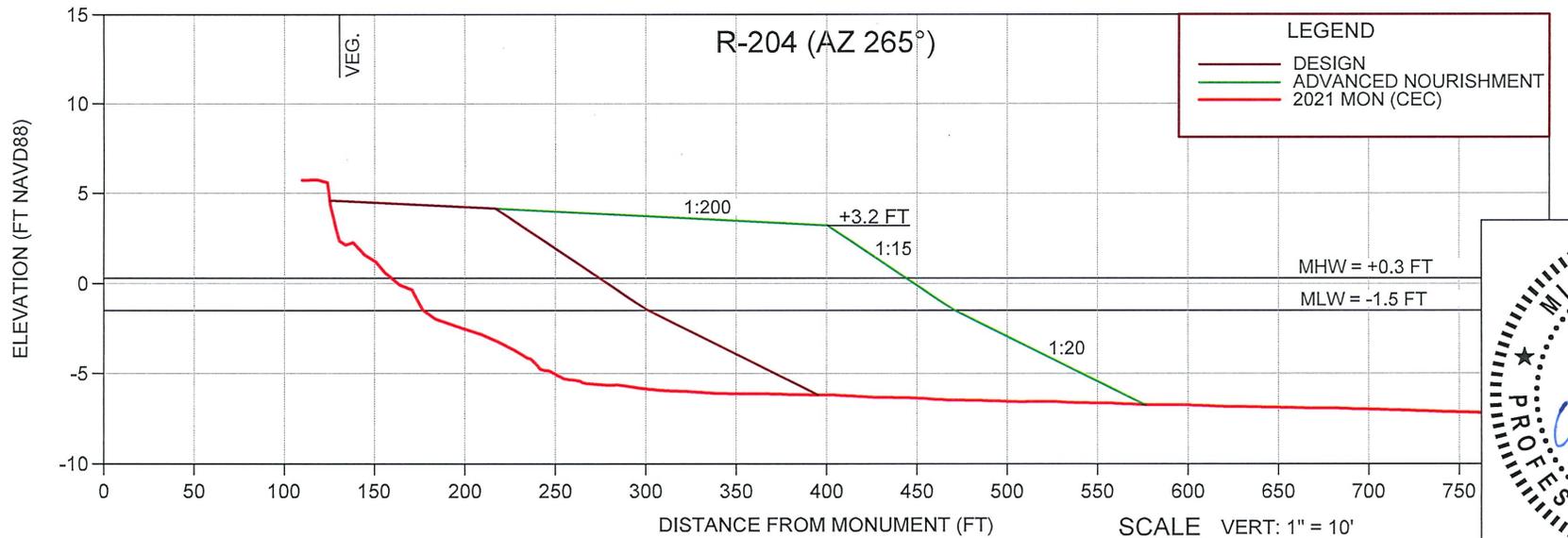
**NOTE:**  
 ▼ = 10' WIDE  
 DUNE PLANTINGS  
 AT GRADE  
 | VEG. = EXISTING  
 DUNE  
 VEGETATION

**EXHIBIT A**

**SCALE** VERT: 1" = 10'  
 HORIZ: 1" = 100'

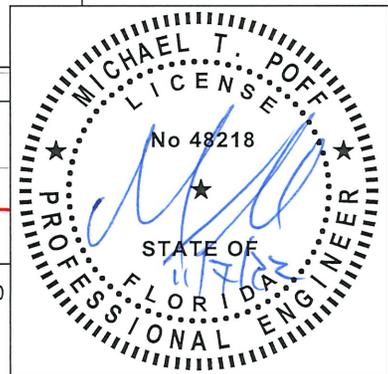
**Approved**

**0413684-001-JC**



**LEGEND**

- DESIGN
- ADVANCED NOURISHMENT
- 2021 MON (CEC)



**SCALE** VERT: 1" = 10'  
 HORIZ: 1" = 100'

**COASTAL ENGINEERING CONSULTANTS INC.**  
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**COASTAL & MARINE ENGINEERING ENVIRONMENTAL & GEOLOGICAL SERVICES SURVEY AND MAPPING ENGINEERING: CA 2464 SURVEYING: LB 2464**  
 PHONE: (239)643-2324  
 FAX: (239)643-1143  
 www.coastalengineering.com  
 E-Mail: info@ceciff.com

CLIENT: **TOWN OF FORT MYERS BEACH**

TITLE: **SOUTH FILL TYPICAL SECTIONS**

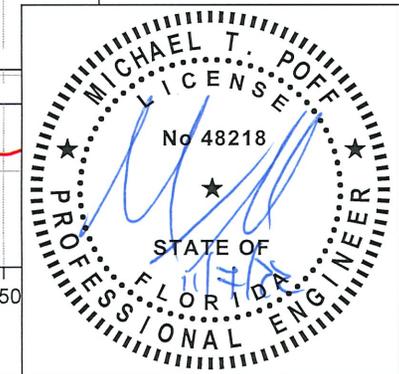
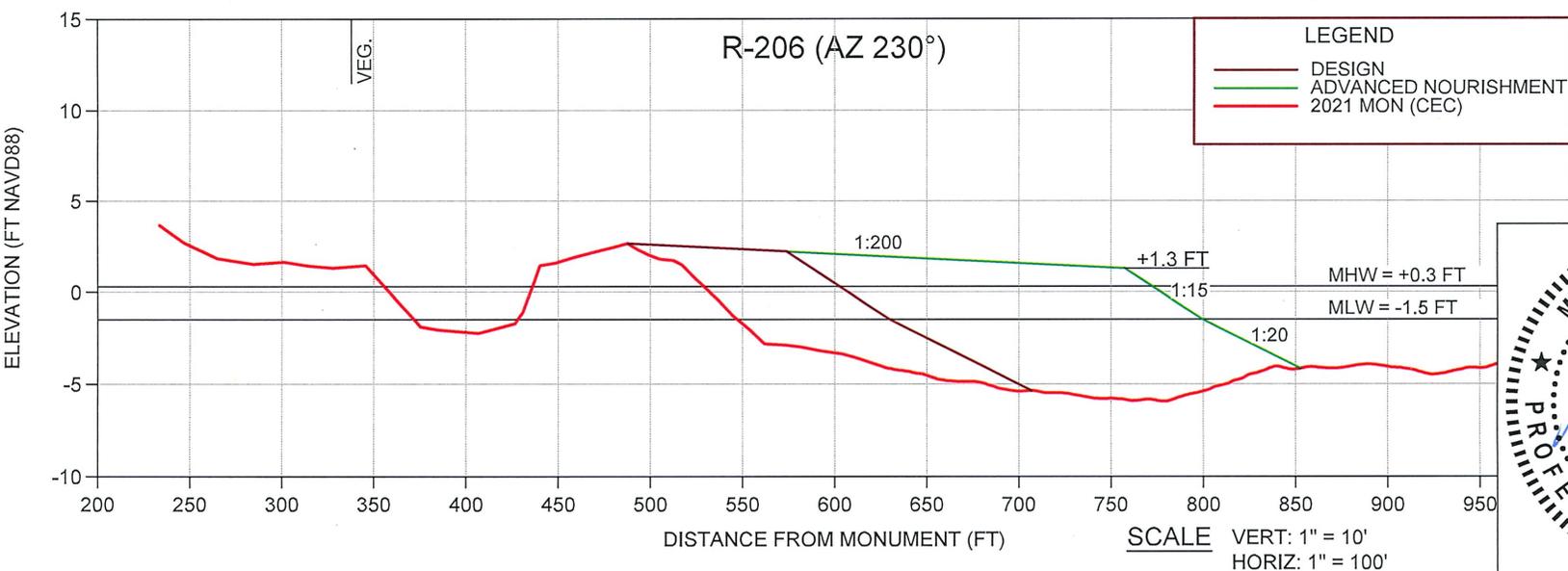
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ACAD NO.	21504-Permit-2021.dwg		
REF. NO.	21.504	NO.	DATE
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			ADDRESSED DEP RAI #2
			ADDRESSED DEP RAI #1



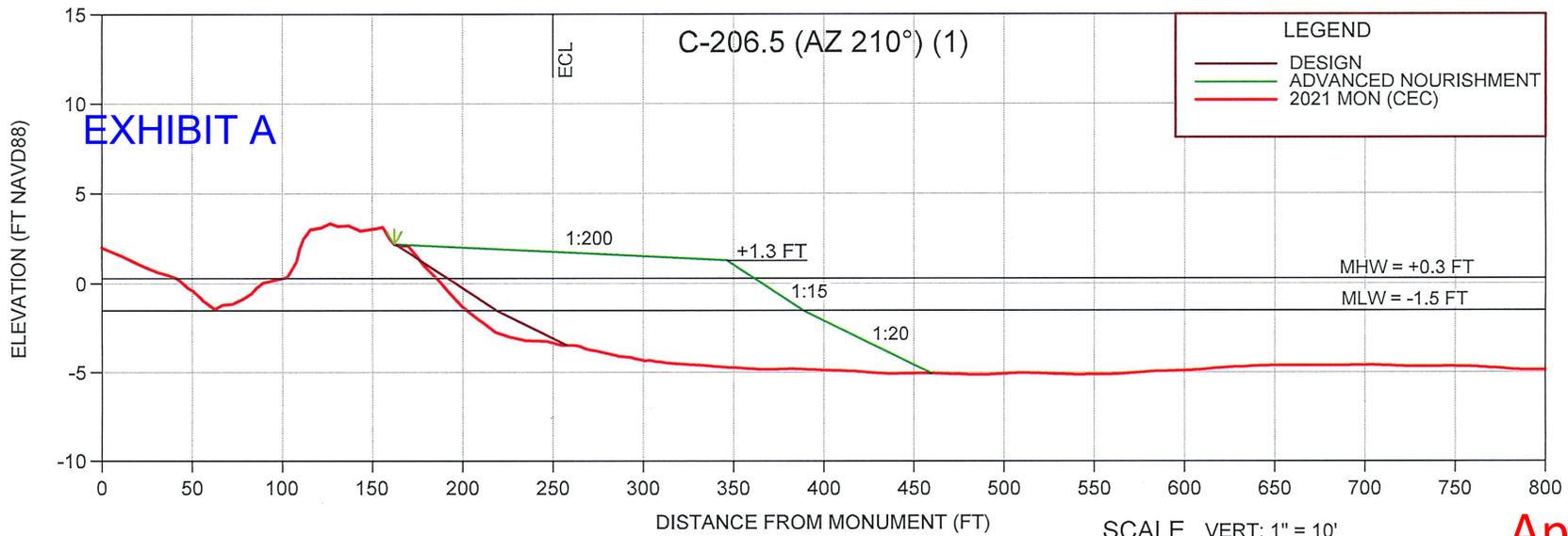
NOTE:  
 VEG = EXISTING  
 DUNE  
 VEGETATION

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SHEET 20 FILE NO.: 21504-20	<p><b>COASTAL ENGINEERING CONSULTANTS INC.</b>          Serving Florida Since 1977          28421 BONITA CROSSINGS BLVD          BONITA SPRINGS, FLORIDA 34135</p>	<p>COASTAL &amp; MARINE ENGINEERING ENVIRONMENTAL &amp; GEOLOGICAL SERVICES SURVEY AND MAPPING ENGINEERING: CA 2464 SURVEYING: LB 2464</p> <p>PHONE: (239)643-2324          FAX: (239)643-1143          www.coastalengineering.com          E-Mail: info@cecifl.com</p>	CLIENT:	TOWN OF FORT MYERS BEACH	DATE:	11/03/2022	SCALE:	AS NOTED				
			TITLE:	SOUTH FILL TYPICAL SECTIONS	DRAWN:	KMG	F.B.					
					CHECKED:	MTP	PG.					
					SEC.	TWP.	RNG.	3	11/03/2022	KMG	ADDED OFFSHORE BORROW AREA	
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		REF. NO.	21.504		1	4/5/2022	KMG	ADDRESSED DEP RAI #1				
					NO.	DATE	BY	REVISION DESCRIPTION				



**NOTE:**  
 ▼ = 10' WIDE  
 DUNE PLANTINGS  
 AT GRADE  
 ECL = EROSION  
 CONTROL  
 LINE

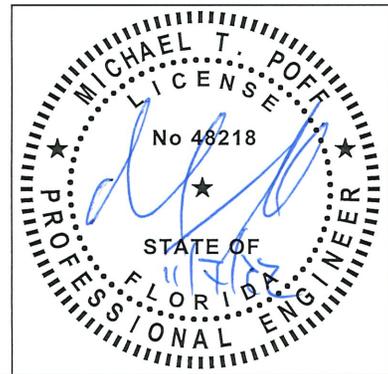
**LEGEND**

- DESIGN
- ADVANCED NOURISHMENT
- 2021 MON (CEC)

**EXHIBIT A**

**SCALE** VERT: 1" = 10'  
 HORIZ: 1" = 100'

**Approved**  
**0413684-001-JC**



SHEET 21 FILE NO. 21504-21	<p><b>COASTAL ENGINEERING CONSULTANTS INC.</b>          Serving Florida Since 1977          28421 BONITA CROSSINGS BLVD          BONITA SPRINGS, FLORIDA 34135</p>	<p>COASTAL &amp; MARINE ENGINEERING          ENVIRONMENTAL &amp; GEOLOGICAL SERVICES          SURVEY AND MAPPING          ENGINEERING: CA 2464          SURVEYING: LB 2464</p> <p>PHONE: (239)643-2324          FAX: (239)643-1143          www.coastalengineering.com          E-Mail: info@cecifl.com</p>	CLIENT: <b>TOWN OF FORT MYERS BEACH</b> TITLE: <b>SOUTH FILL TYPICAL SECTIONS</b>	DATE: 11/03/2022	SCALE: AS NOTED						
				DRAWN: KMG	F.B.						
				CHECKED: MTP	PG.	3	11/03/2022	KMG	ADDED OFFSHORE BORROW AREA		
				SEC.:	TWP.	RNG.	2	7/14/2022	MTP	ADDRESSED DEP RAI #2	
				ACAD NO.	21504-Permit-2021.dwg			1	4/5/2022	KMG	ADDRESSED DEP RAI #1
				REF. NO.	21.504			NO.	DATE	BY	REVISION DESCRIPTION

Approved  
0413684-001-JC

**LEGEND**

- = PIPELINE CORRIDOR
- = BORROW AREA SECTION LINES
- = BORROW AREA SURVEY CONTOURS (OSI 11/3/2021)

**EXHIBIT A**

DESIGN DREDGE CUT

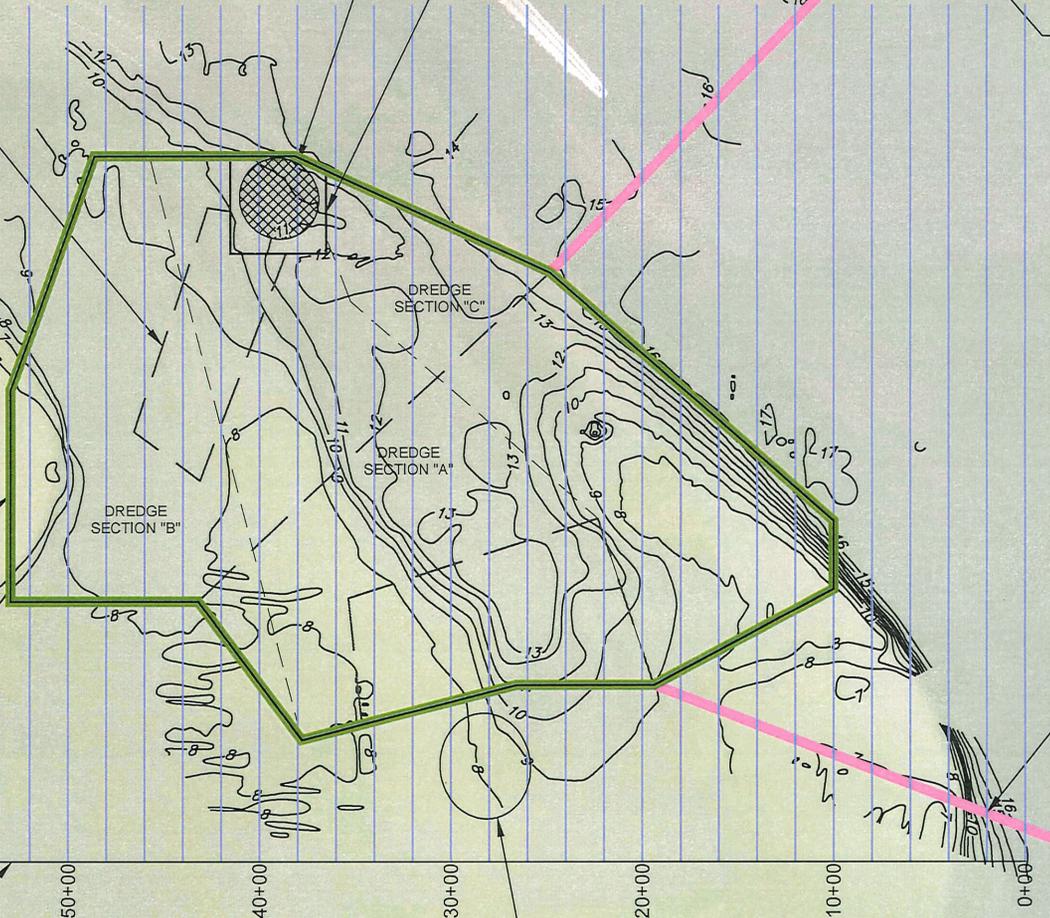
GULF OF MEXICO

BORROW AREA

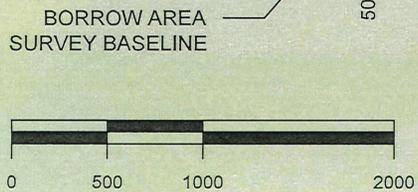
AVOIDANCE AREA A

NO DREDGE AREA

PIPELINE CORRIDOR 1

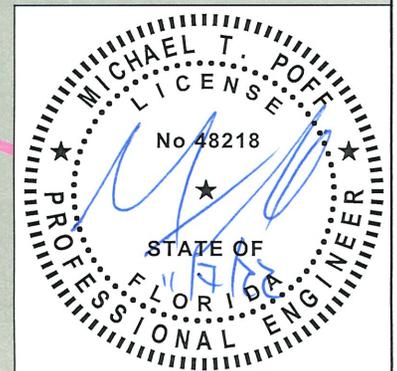


PIPELINE CORRIDOR 2



**BORROW AREA BASELINE ENDPOINTS**

EAST ENDPOINT	WEST ENDPOINT
EASTING: 665671'	EASTING: 659871'
NORTHING: 763634'	NORTHING: 763634'



SHEET 22  
FILE NO.: 21504-22

**COASTAL ENGINEERING CONSULTANTS INC.**  
Serving Florida Since 1977  
28421 BONITA CROSSINGS BLVD  
BONITA SPRINGS, FLORIDA 34135

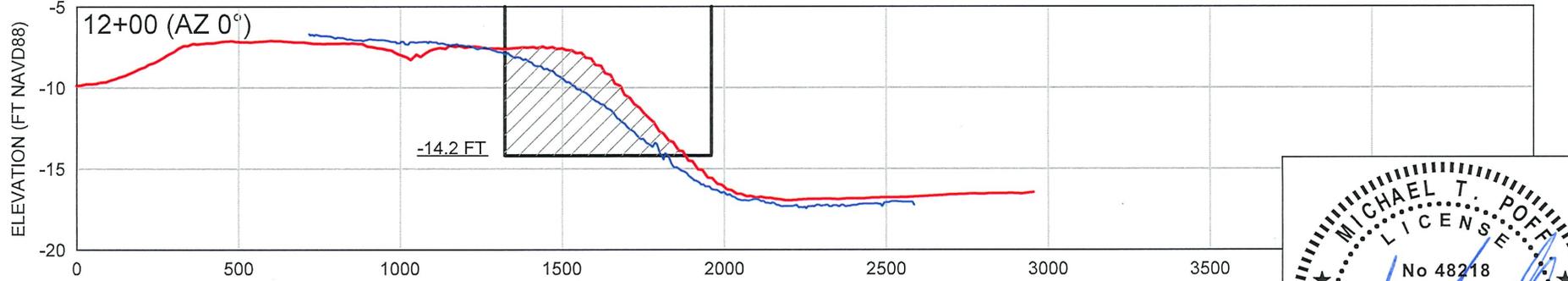
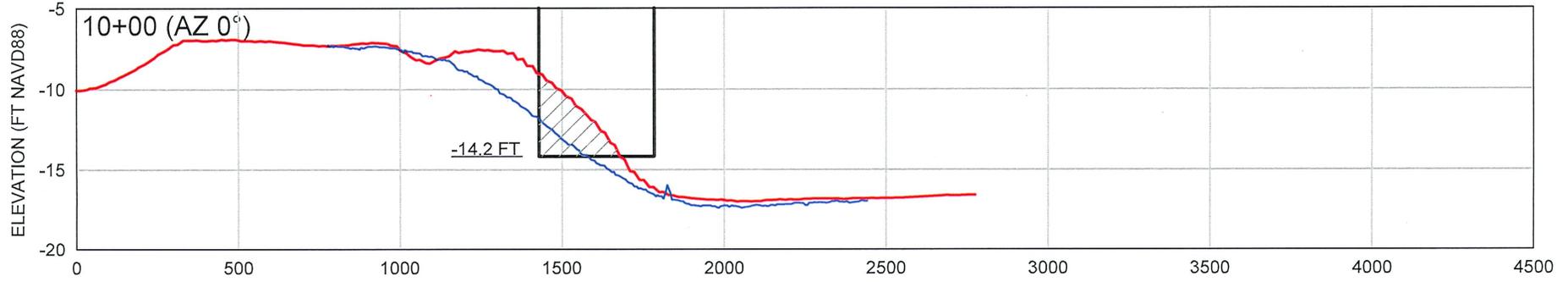
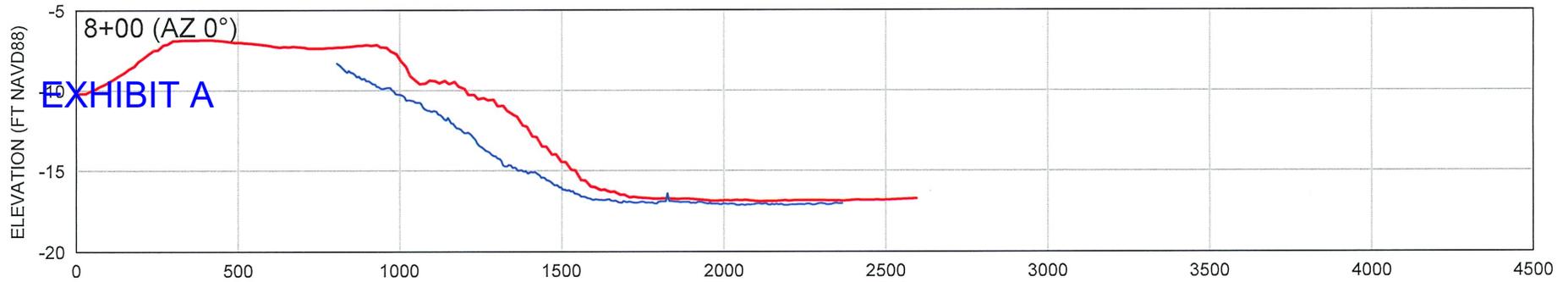
COASTAL & MARINE ENGINEERING ENVIRONMENTAL & GEOLOGICAL SERVICES SURVEY AND MAPPING ENGINEERING: CA 2464 SURVEYING: LB 2464  
PHONE: (239)643-2324  
FAX: (239)643-1143  
www.coastalengineering.com  
E-Mail: info@cecifl.com

CLIENT: TOWN OF FORT MYERS BEACH

TITLE: BORROW AREA PLAN VIEW

DATE:	11/03/2022	SCALE:	AS NOTED
DRAWN:	KMG	F.B.	
CHECKED:	MTP	PG.	
SEC.	TWP.	RNG.	
ACAD NO.	21504-Permit-2021.dwg		
REF. NO.	21.504	NO.	DATE

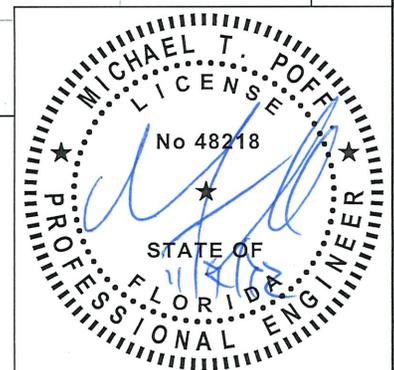
NO.	DATE	BY	REVISION DESCRIPTION
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2	7/14/2022	MTP	ADDRESSED DEP RAI #2
1	4/5/2022	KMG	ADDRESSED DEP RAI #1



LEGEND

- JANUARY 6, 2012 POST-CON SURVEY (CPE)
- NOVEMBER 3, 2021 SURVEY (OSI)
- BORROW AREA DREDGE TEMPLATE

SCALE VERT: 1" = 10'  
HORIZ: 1" = 500'



SHEET 23  
FILE NO.: 21504-23

**COASTAL ENGINEERING CONSULTANTS INC.**  
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BONITA SPRINGS, FLORIDA 34135

COASTAL & MARINE ENGINEERING  
ENVIRONMENTAL & GEOLOGICAL SERVICES  
SURVEY AND MAPPING  
ENGINEERING: CA 2464  
SURVEYING: LB 2464  
PHONE: (239)643-2324  
FAX: (239)643-1143  
www.coastalengineering.com  
E-Mail: info@cecifl.com

CLIENT: TOWN OF FORT MYERS BEACH

TITLE: BORROW AREA SECTIONS

DATE:	11/03/2022	SCALE:	AS NOTED
DRAWN:	KMG	F.B.	
CHECKED:	MTP	PG.	
SEC.	TWP.	RNG.	
ACAD NO.	21504-Permit-2021.dwg		
REF. NO.	21.504		

NO.	DATE	BY	REVISION DESCRIPTION
3	11/03/2022	KMG	ADDED OFFSHORE BORROW AREA
2	7/14/2022	MTP	ADDRESSED DEP RAI #2
1	4/5/2022	KMG	ADDRESSED DEP RAI #1

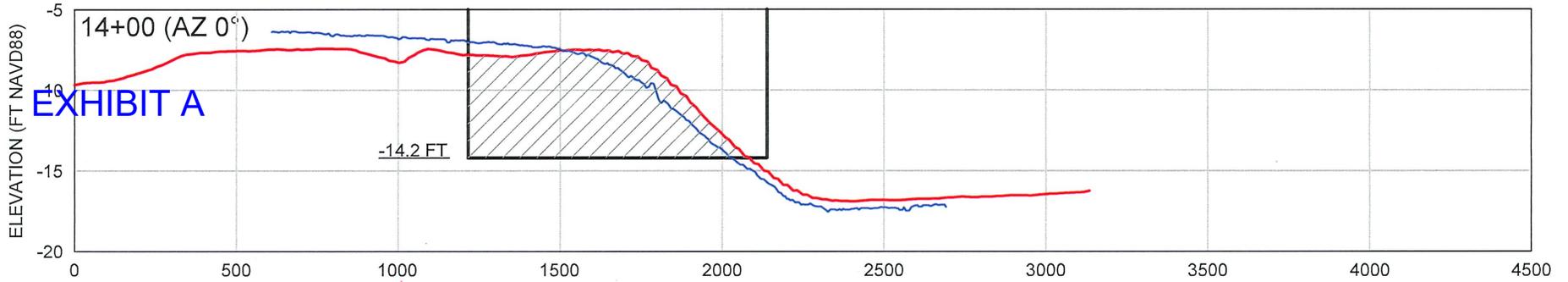
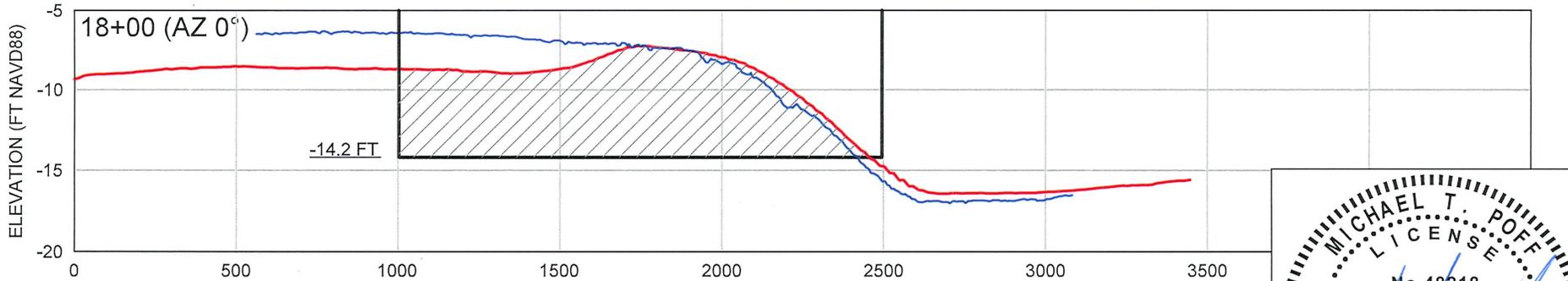
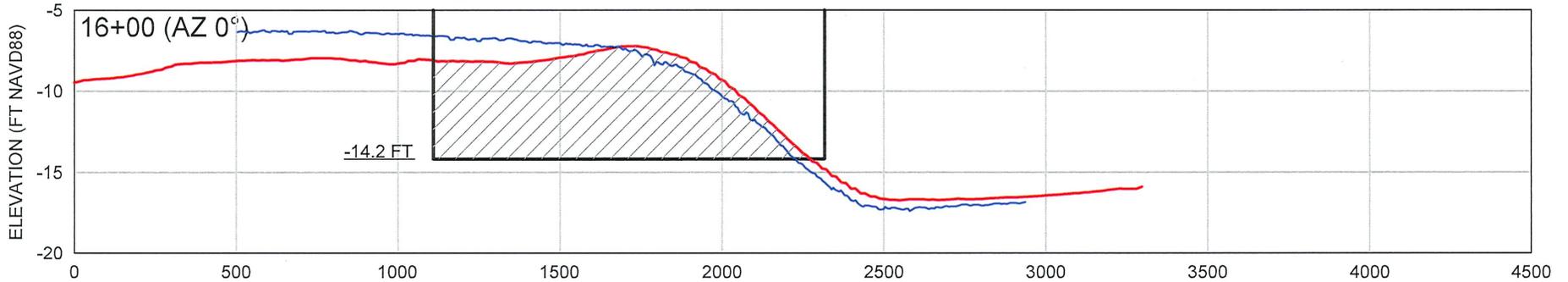


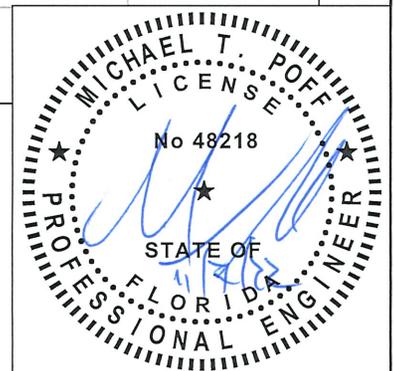
EXHIBIT A



LEGEND

- JANUARY 6, 2012 POST-CON SURVEY (CPE)
- NOVEMBER 3, 2021 SURVEY (OSI)
- BORROW AREA DREDGE TEMPLATE

SCALE VERT: 1" = 10'  
HORIZ: 1" = 500'

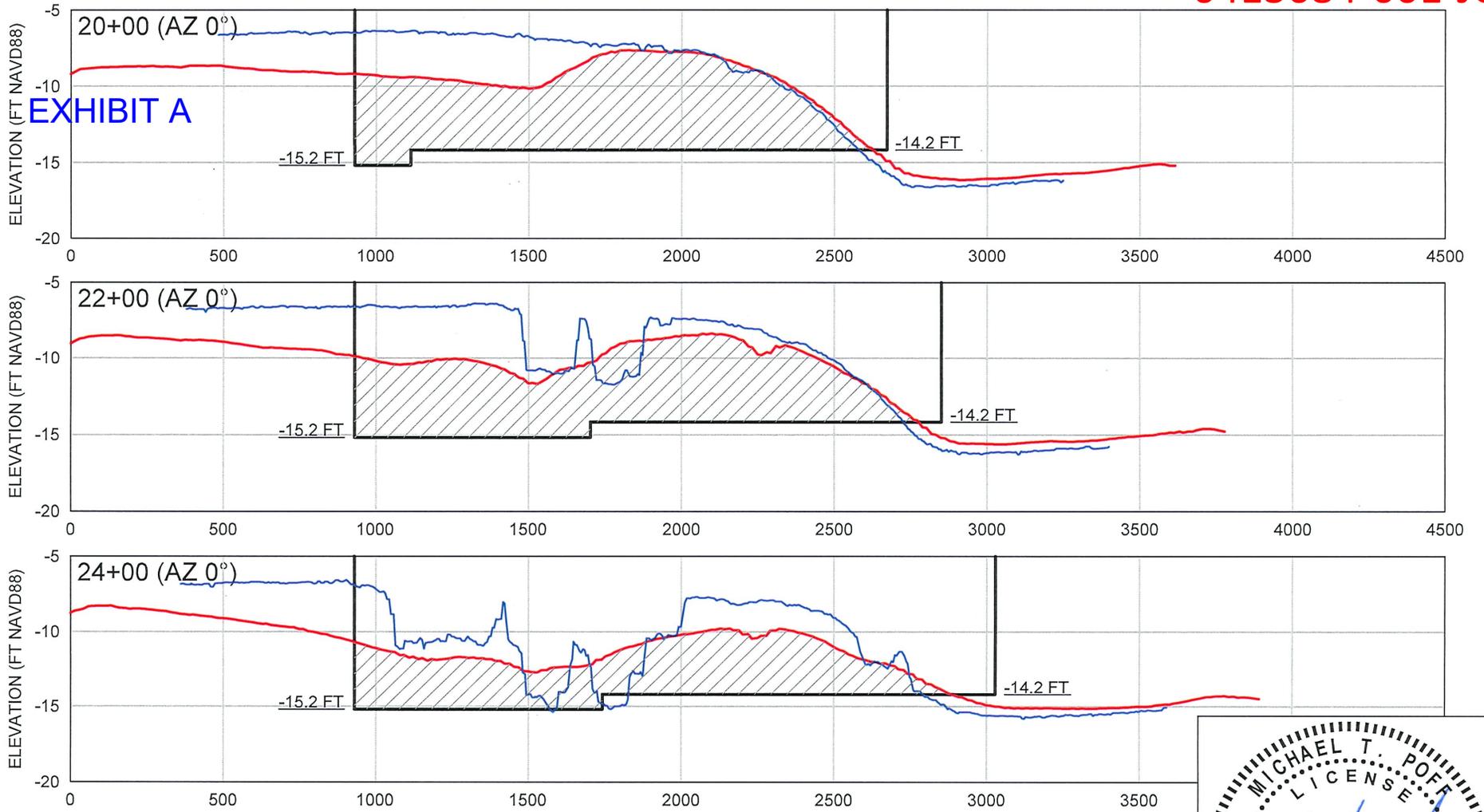


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www.coastalengineering.com  
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CLIENT: TOWN OF FORT MYERS BEACH  
TITLE: BORROW AREA SECTIONS

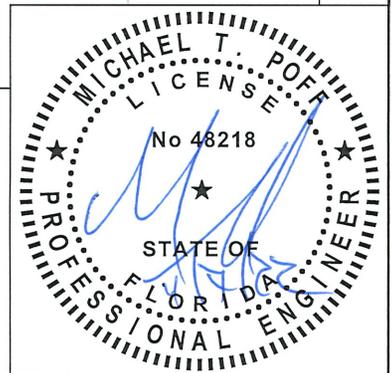
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CHECKED:	MTP	PG.	
SEC.	TWP.	RNG.	
ACAD NO.	21504-Permit-2021.dwg		
REF. NO.	21.504	NO.	DATE
		BY	REVISION DESCRIPTION
			3 11/03/2022 KMG ADDED OFFSHORE BORROW AREA
			2 7/14/2022 MTP ADDRESSED DEP RAI #2
			1 4/5/2022 KMG ADDRESSED DEP RAI #1



**LEGEND**

- JANUARY 6, 2012 POST-CON SURVEY (CPE)
- NOVEMBER 3, 2021 SURVEY (OSI)
- BORROW AREA DREDGE TEMPLATE

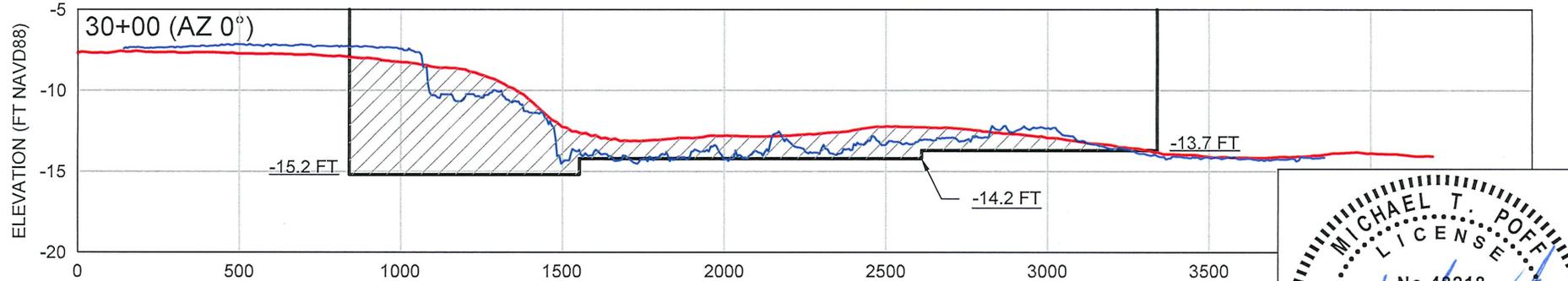
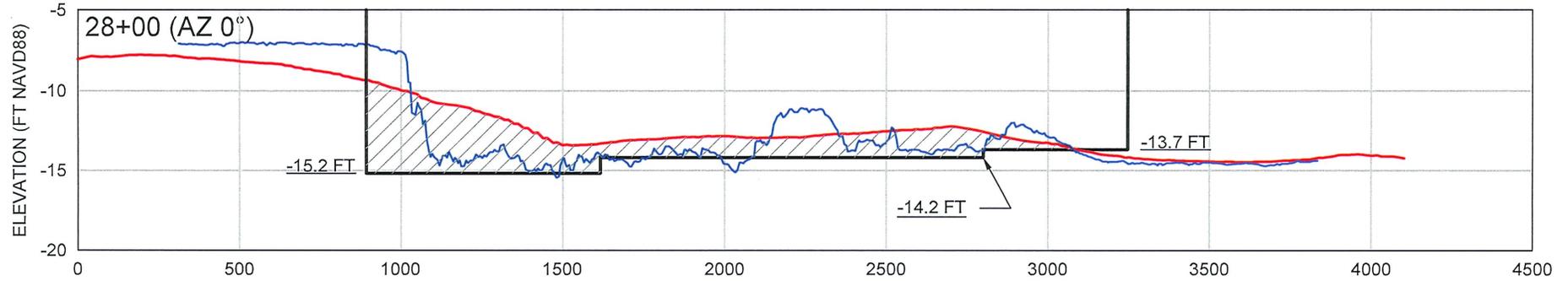
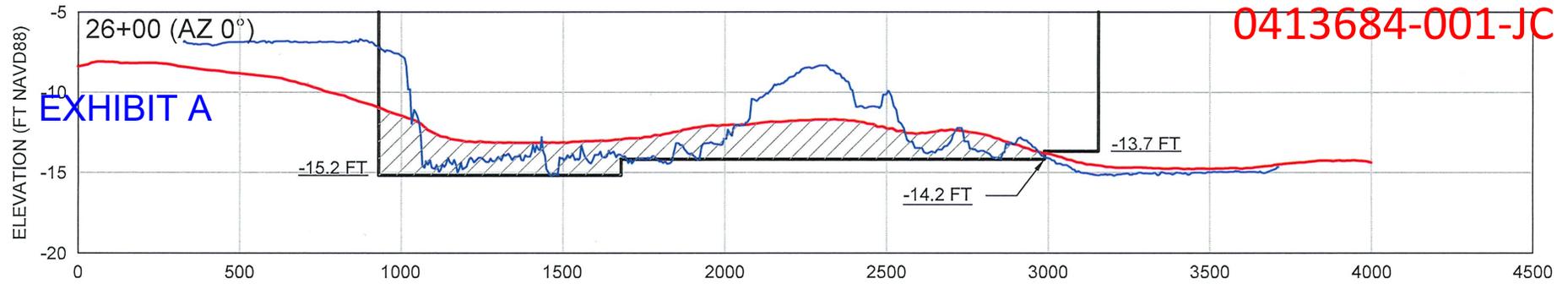
**SCALE** VERT: 1" = 10'  
HORIZ: 1" = 500'



SHEET 25 FILE NO. Z:150426	 COASTAL ENGINEERING CONSULTANTS INC. Serving Florida Since 1977 28421 BONITA CROSSINGS BLVD BONITA SPRINGS, FLORIDA 34135	COASTAL & MARINE ENGINEERING ENVIRONMENTAL & GEOLOGICAL SERVICES SURVEY AND MAPPING ENGINEERING: CA 2464 SURVEYING: LB 2464  PHONE: (239)643-2324 FAX: (239)643-1143 www.coastalengineering.com E-Mail: info@cecif.com	CLIENT: TOWN OF FORT MYERS BEACH	DATE: 11/03/2022	SCALE: AS NOTED								
			TITLE: BORROW AREA SECTIONS	DRAWN: KMG	F.B.								
				CHECKED: MTR	PG.								
				SEC.:	TWP.	RNG.							
				ACAD NO.:	21504-Permit-2021.dwg								
				REF. NO.:	21.504			NO.	DATE	BY	REVISION DESCRIPTION		

Approved  
0413684-001-JC

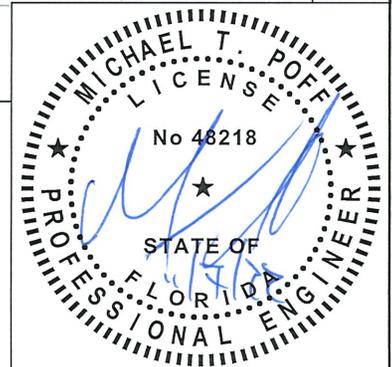
EXHIBIT A



LEGEND

- JANUARY 6, 2012 POST-CON SURVEY (CPE)
- NOVEMBER 3, 2021 SURVEY (OSI)
- BORROW AREA DREDGE TEMPLATE

SCALE VERT: 1" = 10'  
HORIZ: 1" = 500'



SHEET 26  
FILE NO.: 21504-26

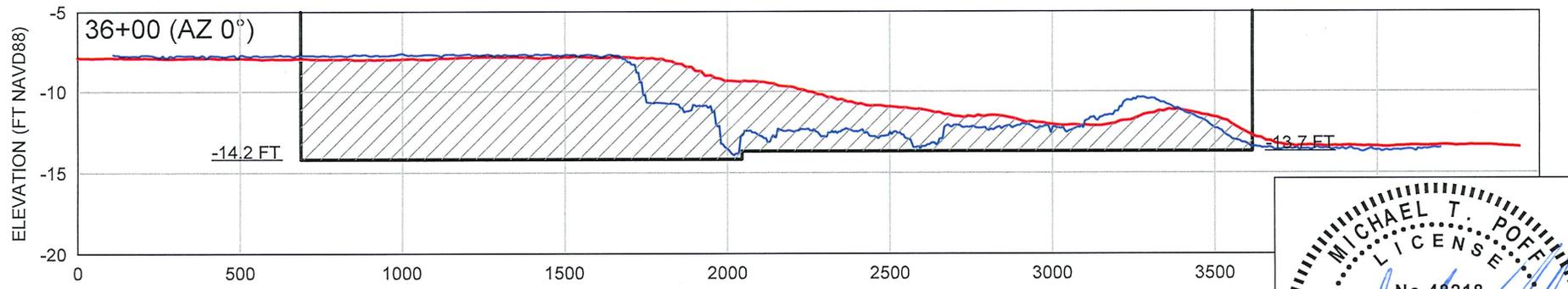
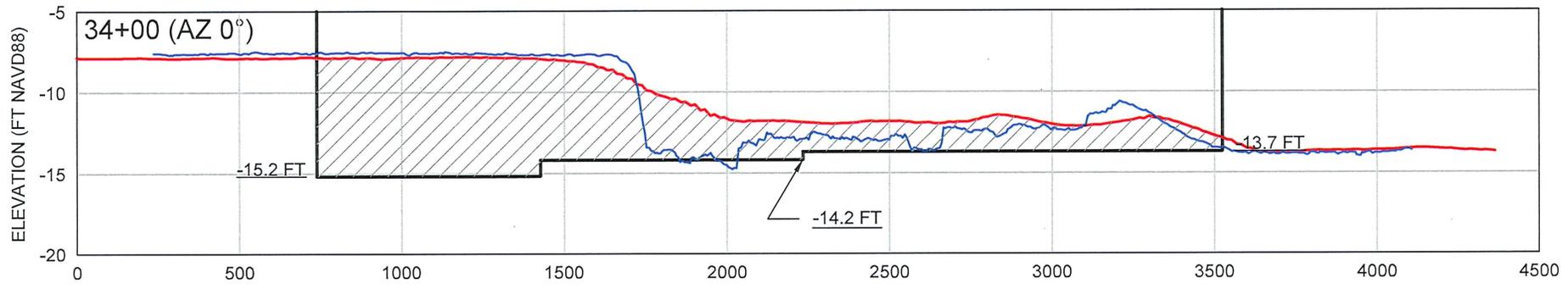
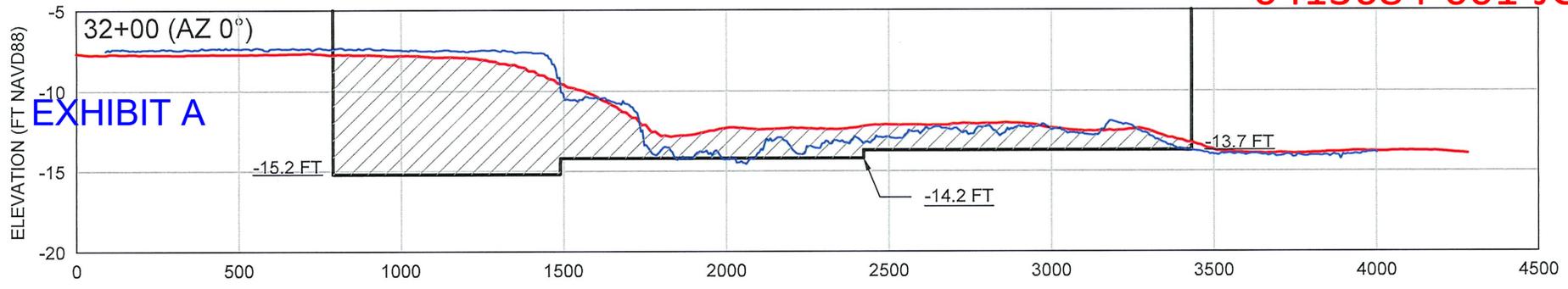
**COASTAL ENGINEERING CONSULTANTS INC.**  
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COASTAL & MARINE ENGINEERING  
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www.coastalengineering.com  
E-Mail: info@cecifl.com

CLIENT: TOWN OF FORT MYERS BEACH  
TITLE: BORROW AREA SECTIONS

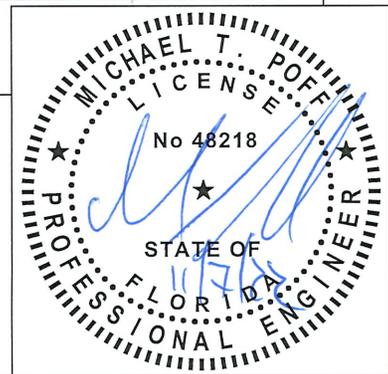
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SEC. TWP. RNG.  
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REF. NO. 21,504

NO.	DATE	BY	REVISION DESCRIPTION
3	11/03/2022	KMG	ADDED OFFSHORE BORROW AREA
2	7/14/2022	MTP	ADDRESSED DEP RAI #2
1	4/5/2022	KMG	ADDRESSED DEP RAI #1



- LEGEND**
- JANUARY 6, 2012 POST-CON SURVEY (CPE)
  - NOVEMBER 3, 2021 SURVEY (OSI)
  - BORROW AREA DREDGE TEMPLATE

**SCALE** VERT: 1" = 10'  
HORIZ: 1" = 500'

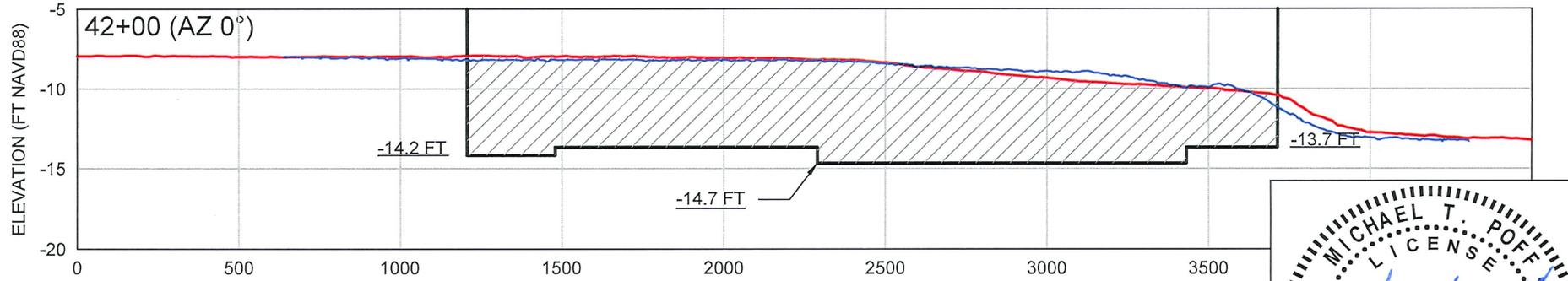
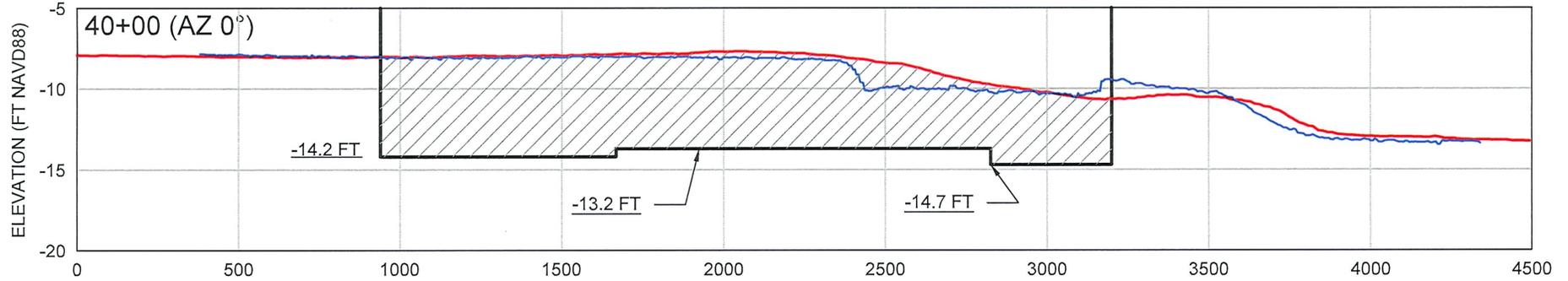
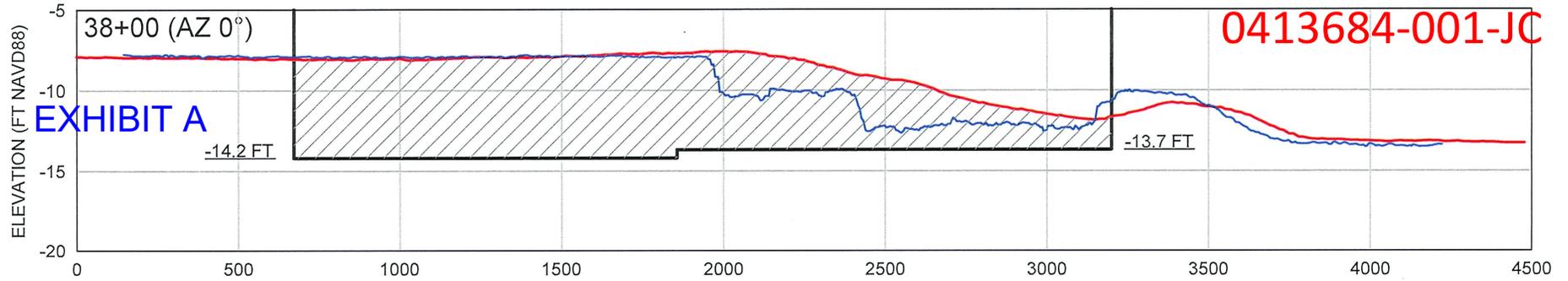


SHEET 27 FILE NO. 21504-27	 COASTAL ENGINEERING CONSULTANTS INC. Serving Florida Since 1977 28421 BONITA CROSSINGS BLVD BONITA SPRINGS, FLORIDA 34135	COASTAL & MARINE ENGINEERING ENVIRONMENTAL & GEOLOGICAL SERVICES SURVEY AND MAPPING ENGINEERING: CA 2464 SURVEYING: LB 2464  PHONE: (239)643-2324 FAX: (239)643-1143 www.coastalengineering.com E-Mail: info@cecifl.com	CLIENT: TOWN OF FORT MYERS BEACH	DATE: 11/03/2022	SCALE: AS NOTED					
			TITLE: BORROW AREA SECTIONS	DRAWN: KMG	F.B.					
				CHECKED: MTP	PG.	3	11/03/2022	KMG	ADDED OFFSHORE BORROW AREA	
				SEC.:	TWP.	RNG.	2	7/14/2022	MTP	ADDRESSED DEP RAI #2
				ACAD NO. 21504-Permit-2021.dwg			1	4/5/2022	KMG	ADDRESSED DEP RAI #1
				REF. NO.	21.504	NO.	DATE	BY	REVISION DESCRIPTION	

Approved

0413684-001-JC

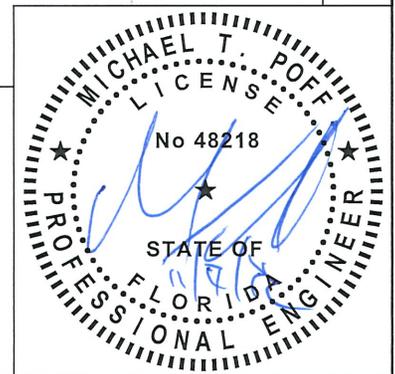
EXHIBIT A



LEGEND

- JANUARY 6, 2012 POST-CON SURVEY (CPE)
- NOVEMBER 3, 2021 SURVEY (OSI)
- BORROW AREA DREDGE TEMPLATE

SCALE VERT: 1" = 10'  
HORIZ: 1" = 500'



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PHONE: (239)643-2324  
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www.coastalengineering.com  
E-Mail: info@cecifl.com

CLIENT: **TOWN OF FORT MYERS BEACH**

TITLE: **BORROW AREA SECTIONS**

DATE:	11/03/2022	SCALE:	AS NOTED
DRAWN:	KMG	F.B.	
CHECKED:	MTP	PG.	
SEC.	TWP.	RNG.	
ACAD NO.	21504-Permit-2021.dwg		
REF. NO.	21.504	NO.	DATE
		BY	REVISION DESCRIPTION
			3 11/03/2022 KMG ADDED OFFSHORE BORROW AREA
			2 7/14/2022 MTP ADDRESSED DEP RAI #2
			1 4/5/2022 KMG ADDRESSED DEP RAI #1

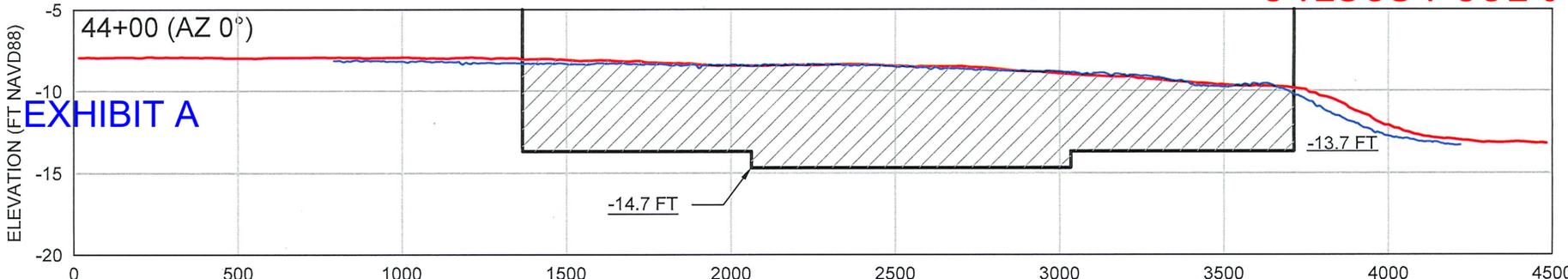
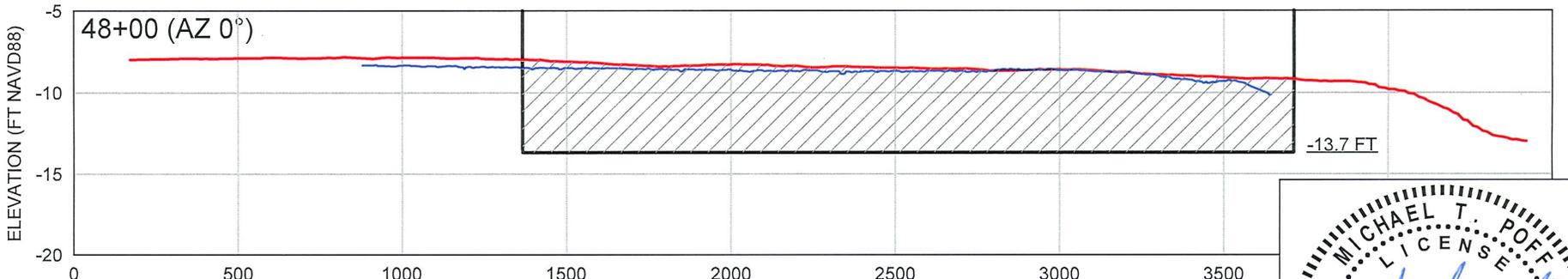
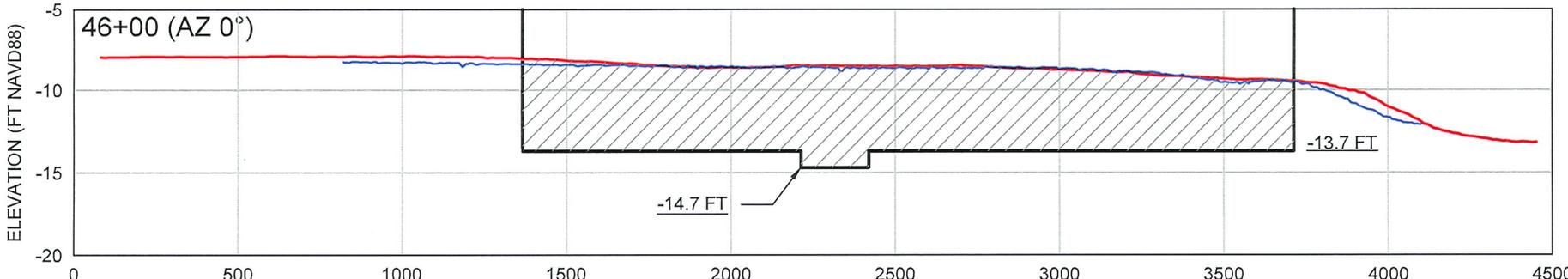


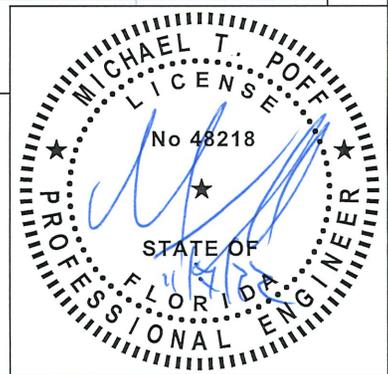
EXHIBIT A



LEGEND

- JANUARY 6, 2012 POST-CON SURVEY (CPE)
- NOVEMBER 3, 2021 SURVEY (OSI)
- BORROW AREA DREDGE TEMPLATE

SCALE VERT: 1" = 10'  
HORIZ: 1" = 500'

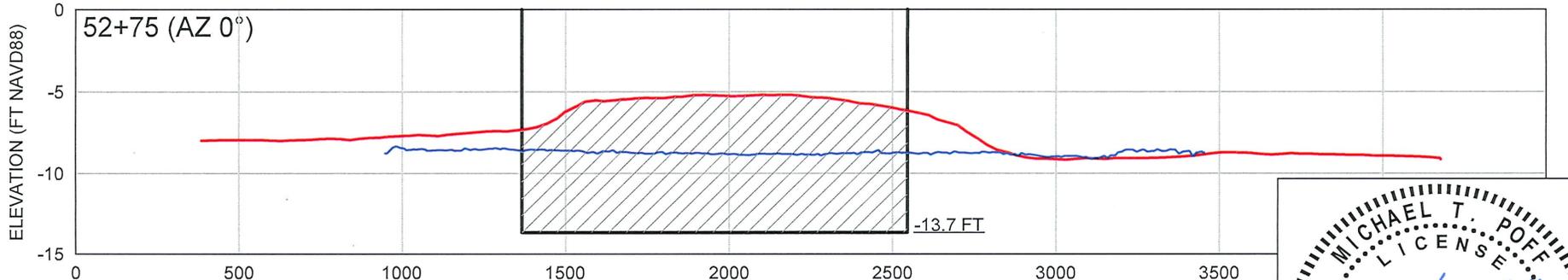
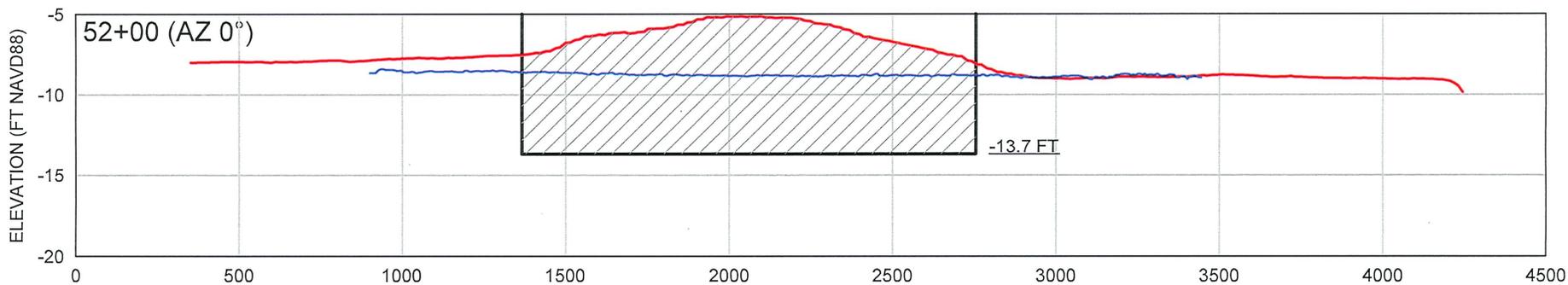
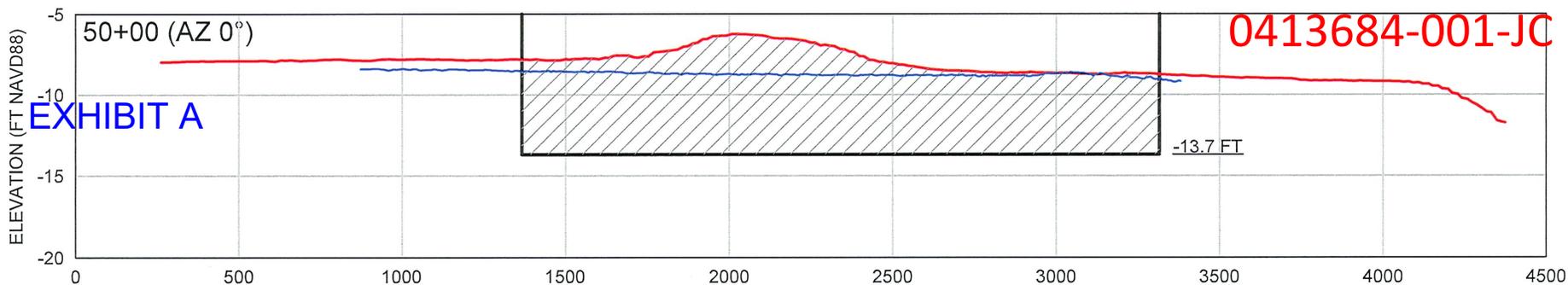


SHEET 29 FILE NO.: 21504-29		COASTAL ENGINEERING CONSULTANTS INC.	COASTAL & MARINE ENGINEERING ENVIRONMENTAL & GEOLOGICAL SERVICES SURVEY AND MAPPING ENGINEERING: CA 2464 SURVEYING: LB 2464	CLIENT: TOWN OF FORT MYERS BEACH	DATE: 11/03/2022	SCALE: AS NOTED				
		Serving Florida Since 1977 28421 BONITA CROSSINGS BLVD BONITA SPRINGS, FLORIDA 34135	PHONE: (239)643-2324 FAX: (239)643-1143 www.coastalengineering.com E-Mail: info@cecifl.com	TITLE: BORROW AREA SECTIONS	DRAWN: KMG CHECKED: MTP SEC. TWP. RNG. ACAD NO. 21504-Permit-2021.dwg REF. NO. 21.504	F.B. PG. RNG.				
							NO.	DATE	BY	REVISION DESCRIPTION
							3	11/03/2022	KMG	ADDED OFFSHORE BORROW AREA
							2	7/14/2022	MTP	ADDRESSED DEP RAI #2
							1	4/5/2022	KMG	ADDRESSED DEP RAI #1

Approved

0413684-001-JC

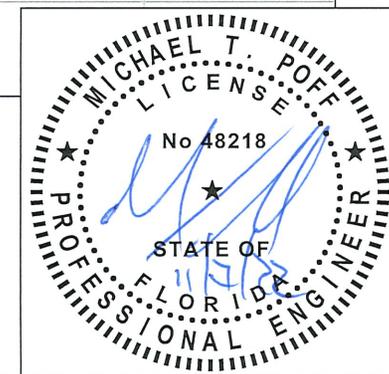
EXHIBIT A



LEGEND

- JANUARY 6, 2012 POST-CON SURVEY (CPE)
- NOVEMBER 3, 2021 SURVEY (OSI)
- BORROW AREA DREDGE TEMPLATE

SCALE VERT: 1" = 10'  
HORIZ: 1" = 500'



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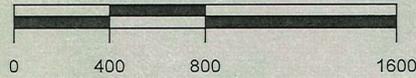
CLIENT: TOWN OF FORT MYERS BEACH  
TITLE: BORROW AREA SECTIONS

DATE:	11/03/2022	SCALE:	AS NOTED
DRAWN:	KMG	F.B.	
CHECKED:	MTP	PG.	
SEC.	TWP.	RNG.	
ACAD NO.	21504-Permit-2021.dwg		
REF. NO.	21.504	NO.	DATE
		BY	REVISION DESCRIPTION
			ADDED OFFSHORE BORROW AREA
			ADDRESSED DEP RAI #2
			ADDRESSED DEP RAI #1

SHEET 30  
FILE NO.: Z1804-30

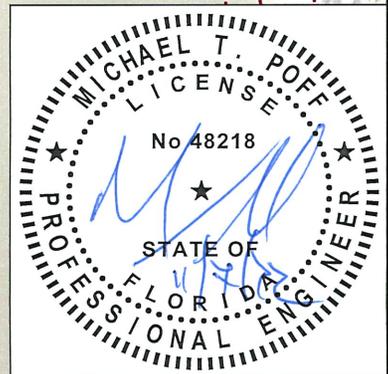
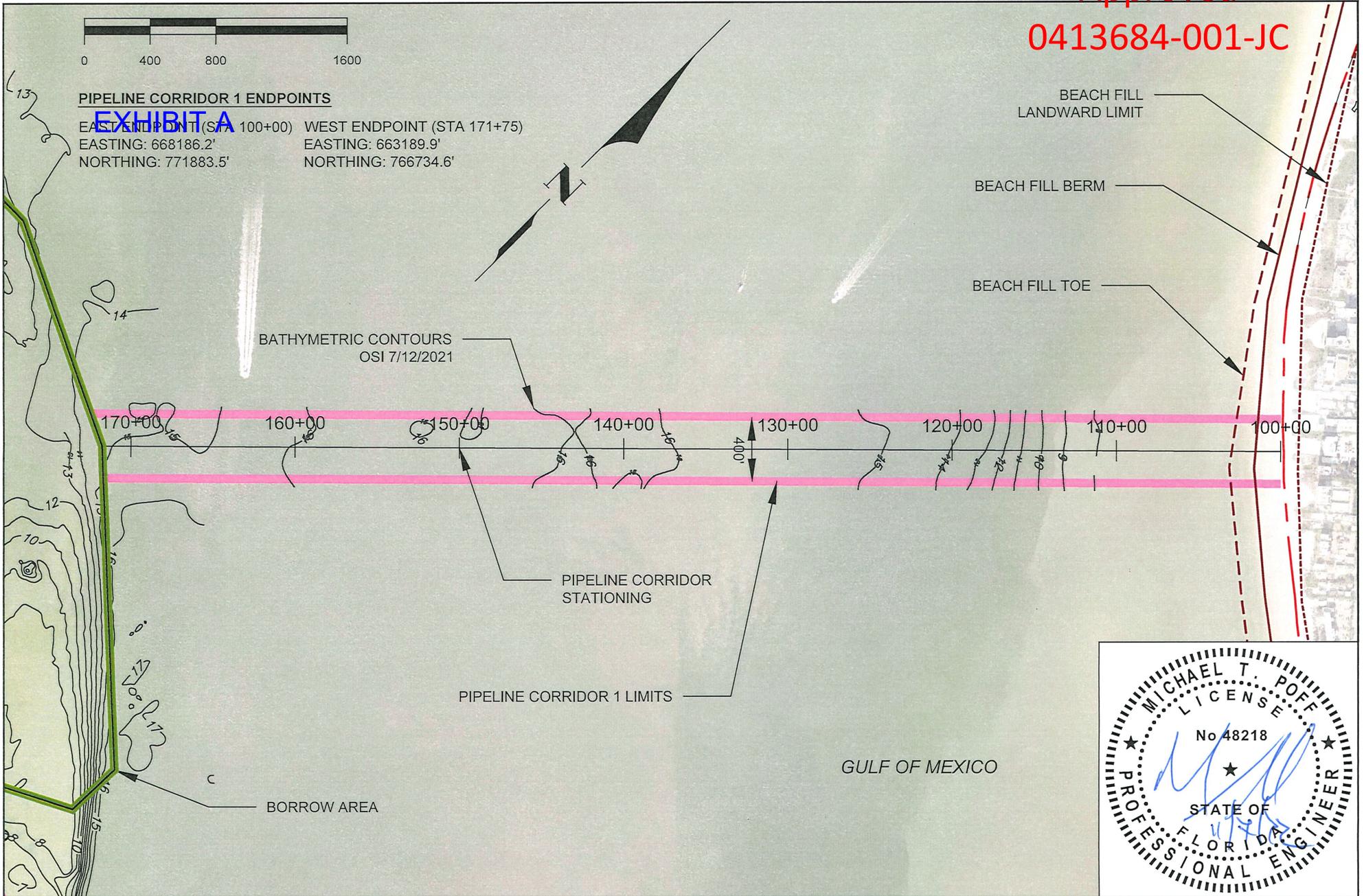
Approved

0413684-001-JC



**PIPELINE CORRIDOR 1 ENDPOINTS**

**EXHIBIT A**  
 EAST END POINT (STA 100+00) WEST ENDPOINT (STA 171+75)  
 EASTING: 668186.2' EASTING: 663189.9'  
 NORTHING: 771883.5' NORTHING: 766734.6'



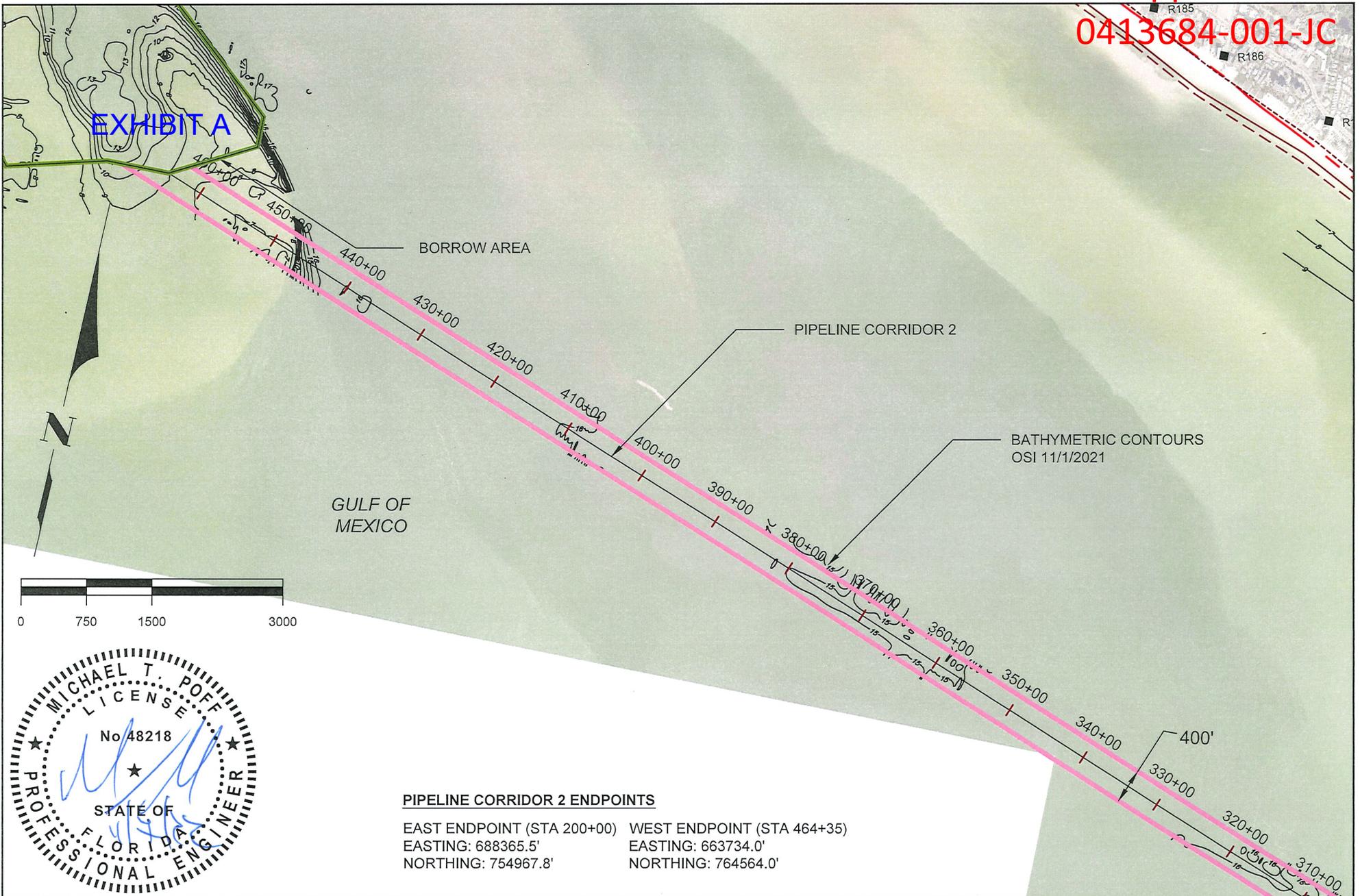
**COASTAL ENGINEERING CONSULTANTS INC.**  
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 www.coastalengineering.com  
 E-Mail: info@cecifl.com

CLIENT: **TOWN OF FORT MYERS BEACH**

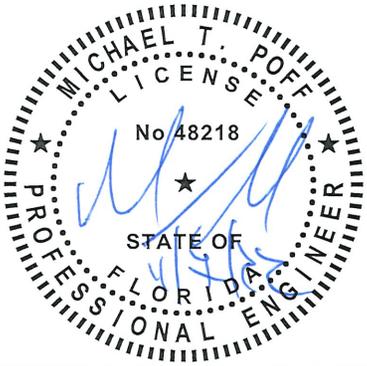
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DATE:	11/03/2022	SCALE:	AS NOTED
DRAWN:	KMG	F.B.	
CHECKED:	MTP	PG.	
SEC.	TWP.	RNG.	
ACAD NO.	21504-Permit-2021.dwg		
REF. NO.	21.504	NO.	DATE
		BY	REVISION DESCRIPTION
			3 11/03/2022 KMG ADDED OFFSHORE BORROW AREA
			2 7/14/2022 MTP ADDRESSED DEP RAI #2
			1 4/5/2022 KMG ADDRESSED DEP RAI #1



**PIPELINE CORRIDOR 2 ENDPOINTS**

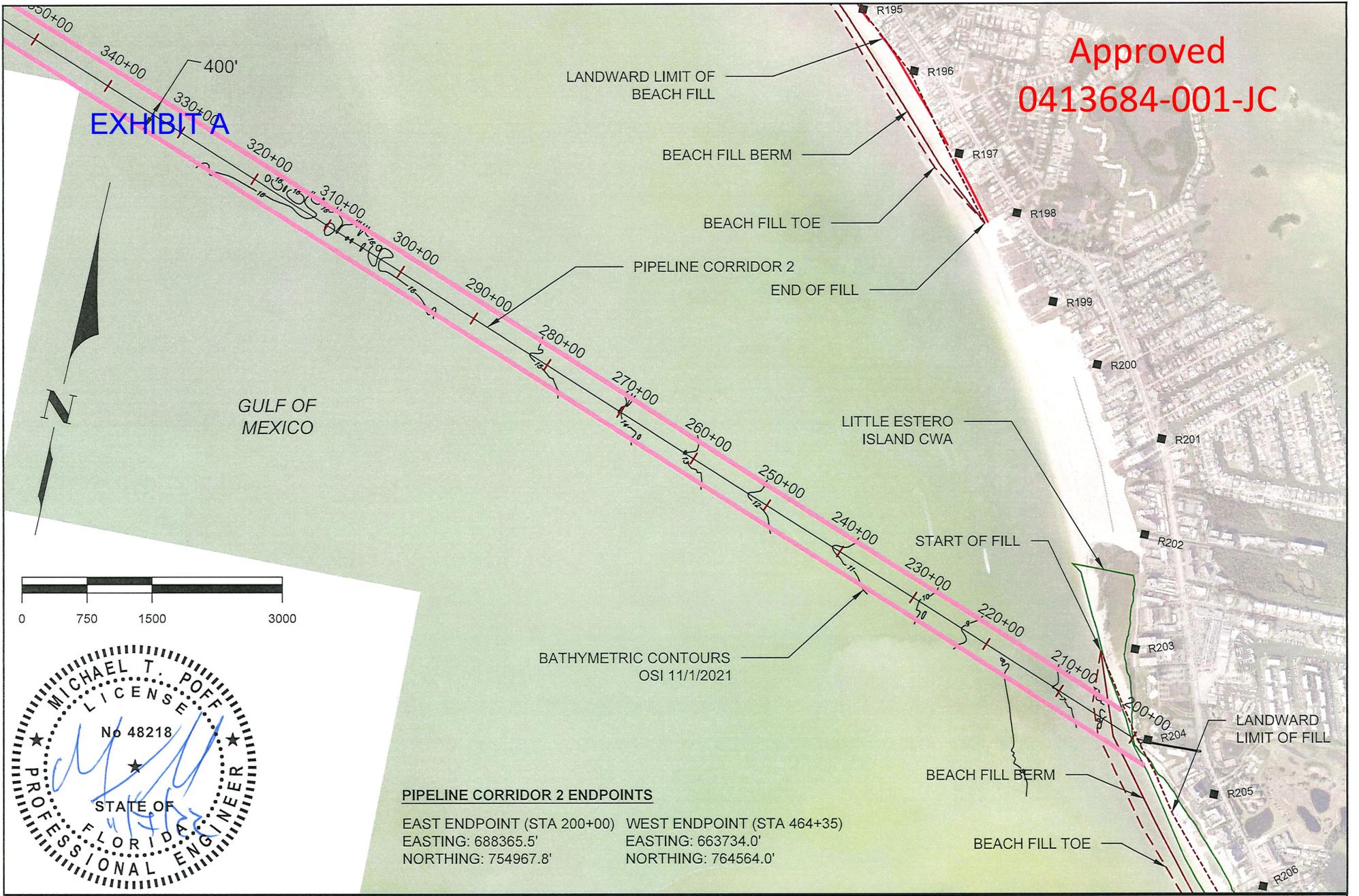
EAST ENDPOINT (STA 200+00)	WEST ENDPOINT (STA 464+35)
EASTING: 688365.5'	EASTING: 663734.0'
NORTHING: 754967.8'	NORTHING: 764564.0'



SHEET 32 FILE NO.: 21504-32	<b>COASTAL ENGINEERING CONSULTANTS INC.</b> Serving Florida Since 1977 28421 BONITA CROSSINGS BLVD BONITA SPRINGS, FLORIDA 34135	COASTAL & MARINE ENGINEERING ENVIRONMENTAL & GEOLOGICAL SERVICES SURVEY AND MAPPING ENGINEERING: CA 2464 SURVEYING: LB 2464  PHONE: (239)643-2324 FAX: (239)643-1143 www.coastalengineering.com E-Mail: info@cecifl.com	CLIENT: <b>TOWN OF FORT MYERS BEACH</b>  TITLE: <b>PIPELINE CORRIDOR 2 DETAILS PLAN VIEW 1</b>	DATE: 11/03/2022 DRAWN: KMG CHECKED: MTP SEC.: TWP.      RNG. ACAD NO. 21504-Permit-2021.dwg REF. NO. 21.504	SCALE: AS NOTED F.B. PG. RNG.	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30px;">NO.</td> <td style="width: 50px;">DATE</td> <td style="width: 50px;">BY</td> <td style="width: 100px;">REVISION DESCRIPTION</td> </tr> <tr> <td>3</td> <td>11/03/2022</td> <td>KMG</td> <td>ADDED OFFSHORE BORROW AREA</td> </tr> <tr> <td>2</td> <td>7/14/2022</td> <td>MTP</td> <td>ADDRESSED DEP RAI #2</td> </tr> <tr> <td>1</td> <td>4/5/2022</td> <td>KMG</td> <td>ADDRESSED DEP RAI #1</td> </tr> </table>	NO.	DATE	BY	REVISION DESCRIPTION	3	11/03/2022	KMG	ADDED OFFSHORE BORROW AREA	2	7/14/2022	MTP	ADDRESSED DEP RAI #2	1	4/5/2022	KMG	ADDRESSED DEP RAI #1
	NO.	DATE	BY	REVISION DESCRIPTION																		
	3	11/03/2022	KMG	ADDED OFFSHORE BORROW AREA																		
	2	7/14/2022	MTP	ADDRESSED DEP RAI #2																		
1	4/5/2022	KMG	ADDRESSED DEP RAI #1																			

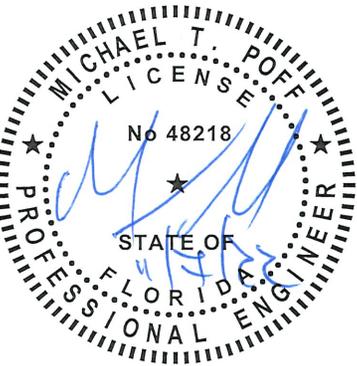
Approved  
0413684-001-JC

EXHIBIT A



**PIPELINE CORRIDOR 2 ENDPOINTS**

EAST ENDPOINT (STA 200+00)    WEST ENDPOINT (STA 464+35)  
 EASTING: 688365.5'                    EASTING: 663734.0'  
 NORTHING: 754967.8'                    NORTHING: 764564.0'



**COASTAL ENGINEERING CONSULTANTS INC.**  
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 ENVIRONMENTAL & GEOLOGICAL SERVICES  
 SURVEY AND MAPPING  
 ENGINEERING: CA 2464  
 SURVEYING: LB 2464

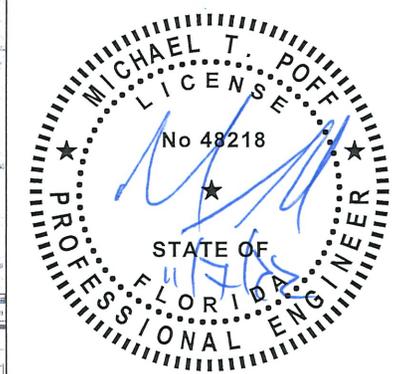
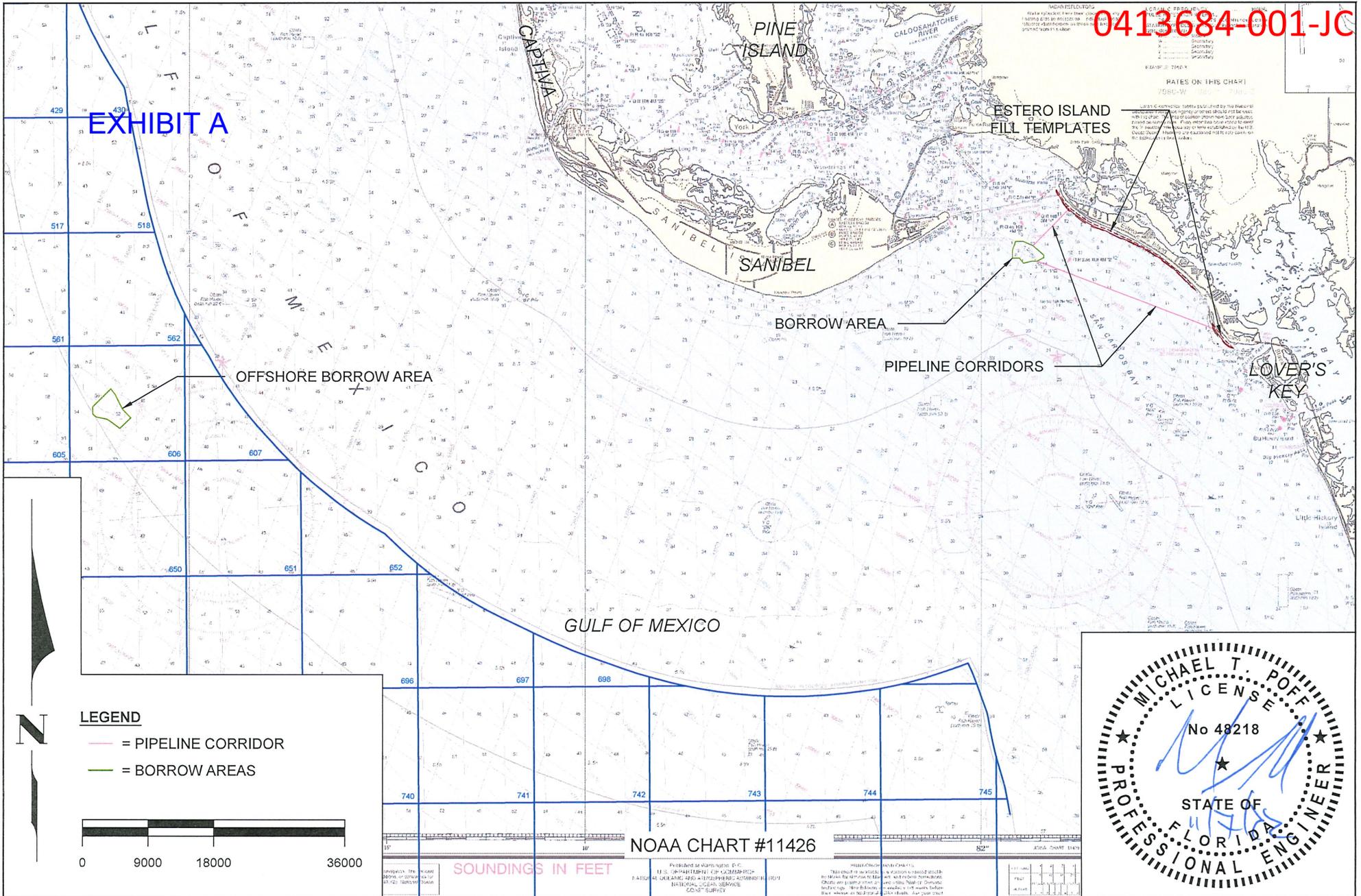
PHONE: (239)643-2324  
 FAX: (239)643-1143  
 www.coastalengineering.com  
 E-Mail: info@cecifl.com

CLIENT: **TOWN OF FORT MYERS BEACH**

TITLE: **PIPELINE CORRIDOR 2 DETAILS  
 PLAN VIEW 2**

DATE:	11/03/2022	SCALE:	AS NOTED
DRAWN:	KMG	F.B.	
CHECKED:	MTF	PG.	
SEC.	TWP.	RNG.	
ACAD NO.	21504-Permit-2021.dwg		
REF. NO.	21.504	NO.	DATE
		BY	REVISION DESCRIPTION
			3 11/03/2022 KMG ADDED OFFSHORE BORROW AREA
			2 7/14/2022 MTP ADDRESSED DEP RAI #2
			1 4/5/2022 KMG ADDRESSED DEP RAI #1

EXHIBIT A



NOAA CHART #11426

SOUNDINGS IN FEET

- LEGEND**
- = PIPELINE CORRIDOR
  - = BORROW AREAS



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 PHONE: (239)643-2324  
 FAX: (239)643-1143  
 www.coastalengineering.com  
 E-Mail: info@cecifl.com

CLIENT: TOWN OF FORT MYERS BEACH  
 TITLE: OFFSHORE BORROW AREA LOCATION MAP

DATE:	11/03/2022	SCALE:	AS NOTED
DRAWN:	KMG	F.B.	
CHECKED:	MTP	PG.	
SEC.	TWP.	RNG.	
ACAD NO.	21504-Permit-2021.dwg		
REF. NO.	21.504	NO.	DATE

NO.	DATE	BY	REVISION DESCRIPTION
3	11/03/2022	KMG	ADDED OFFSHORE BORROW AREA
2	7/14/2022	MTP	ADDRESSED DEP RAI #2
1	4/5/2022	KMG	ADDRESSED DEP RAI #1

# EXHIBIT A

GULF OF MEXICO

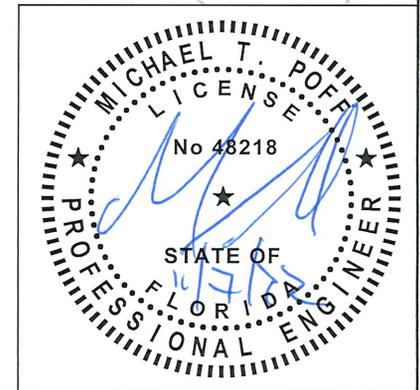
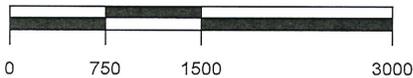
OFFSHORE BORROW AREA

BORROW AREA CUTS

SURVEY BASELINE  
N44° 09' 05.95"W  
8,000'

### LEGEND

-  = OFFSHORE BORROW AREA
-  = BATHY CONTOURS (OSI, 2021)



SHEET 35  
FILE NO. 21504-35

**COASTAL ENGINEERING CONSULTANTS INC.**  
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28421 BONITA CRROSSINGS BLVD  
BONITA SPRINGS, FLORIDA 34135

COASTAL & MARINE ENGINEERING  
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SURVEY AND MAPPING  
ENGINEERING: CA 2464  
SURVEYING: LB 2464  
PHONE: (239)643-2324  
FAX: (239)643-1143  
www.coastalengineering.com  
E-Mail: info@cecifl.com

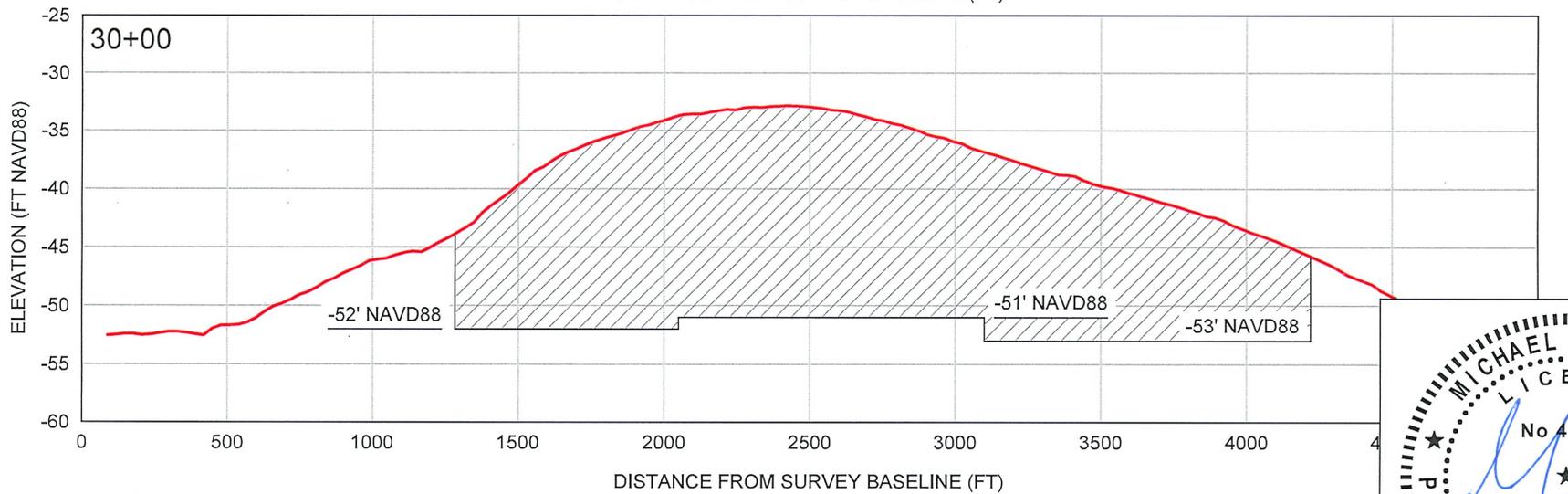
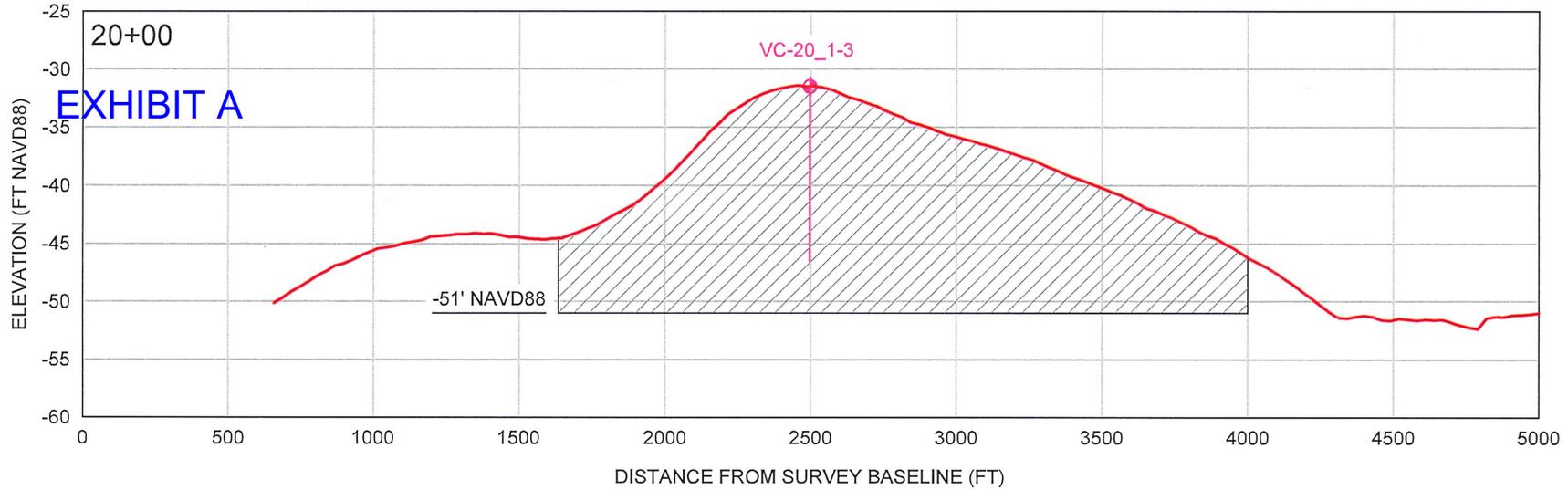
CLIENT: TOWN OF FORT MYERS BEACH

TITLE: OFFSHORE BORROW AREA  
PLAN VIEW

DATE:	11/03/2022	SCALE:	AS NOTED
DRAWN:	KMG	F.B.	
CHECKED:	MTP	PG.	
SEC.	TWP.	RNG.	
ACAD NO.	21504-Permit-2021.dwg		
REF. NO.	21.504	NO.	DATE

NO.	DATE	BY	REVISION DESCRIPTION
3	11/03/2022	KMG	ADDED OFFSHORE BORROW AREA
2	7/14/2022	MTP	ADDRESSED DEP RAI #2
1	4/5/2022	KMG	ADDRESSED DEP RAI #1

EXHIBIT A

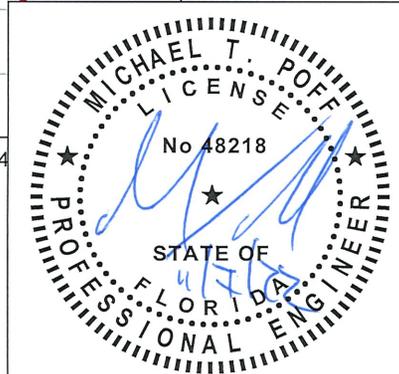


LEGEND

- =PROPOSED DREDGE AREA
- =EXISTING GRADE (OSI, 2021)

SCALE

- H: 1" = 600'
- V: 1" = 15'



SHEET 36  
FILE NO. 21504-36

**COASTAL ENGINEERING CONSULTANTS INC.**  
Serving Florida Since 1977  
28421 BONITA CRROSSINGS BLVD  
BONITA SPRINGS, FLORIDA 34135

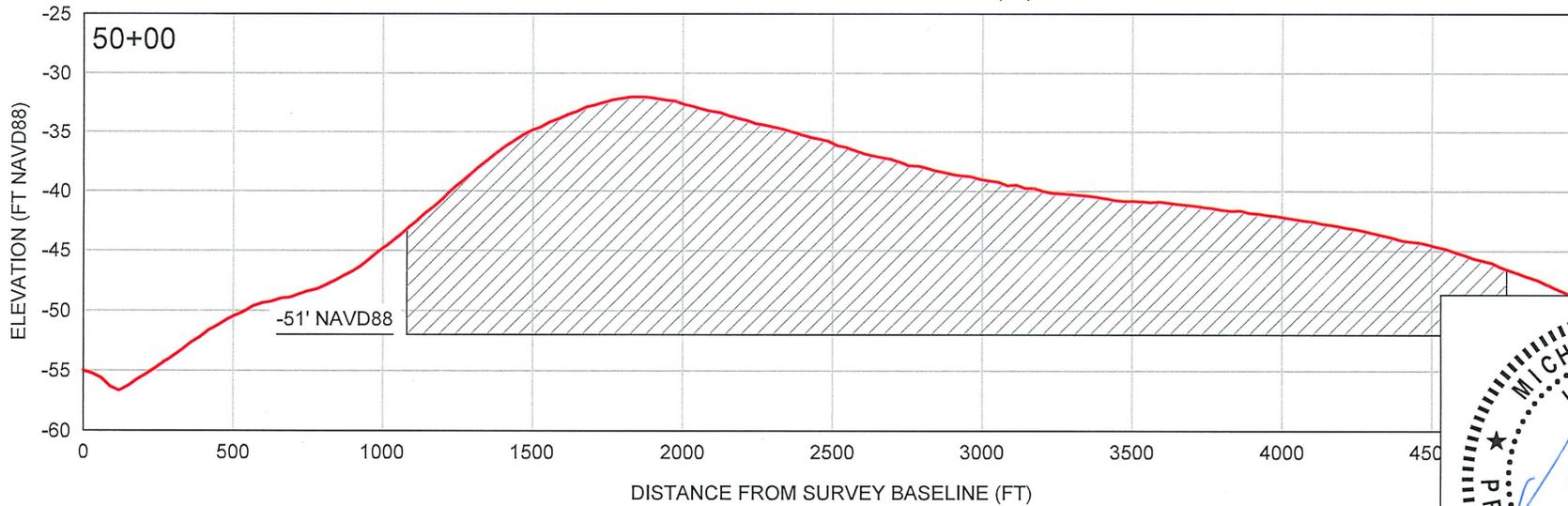
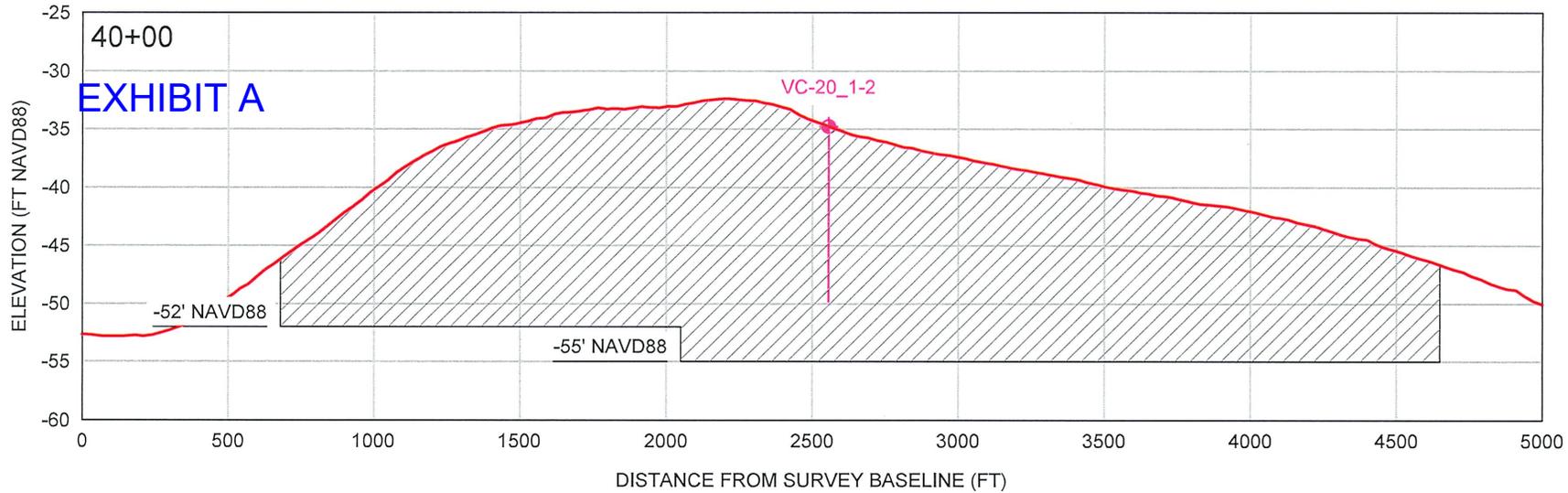
COASTAL & MARINE ENGINEERING  
ENVIRONMENTAL & GEOLOGICAL SERVICES  
SURVEY AND MAPPING  
ENGINEERING: CA 2464  
SURVEYING: LB 2464  
PHONE: (239)643-2324  
FAX: (239)643-1143  
www.coastalengineering.com  
E-Mail: info@cecif.com

CLIENT: TOWN OF FORT MYERS BEACH  
TITLE: OFFSHORE BORROW AREA SECTIONS

DATE:	11/03/2022	SCALE:	AS NOTED
DRAWN:	KMG	F.B.	
CHECKED:	MTP	PG.	
SEC.	TWP.	RNG.	
ACAD NO.	21504-Permit-2021.dwg		
REF. NO.	21.504	NO.	DATE

NO.	DATE	BY	REVISION DESCRIPTION
3	11/03/2022	KMG	ADDED OFFSHORE BORROW AREA
2	7/14/2022	MTP	ADDRESSED DEP RAI #2
1	4/5/2022	KMG	ADDRESSED DEP RAI #1

EXHIBIT A

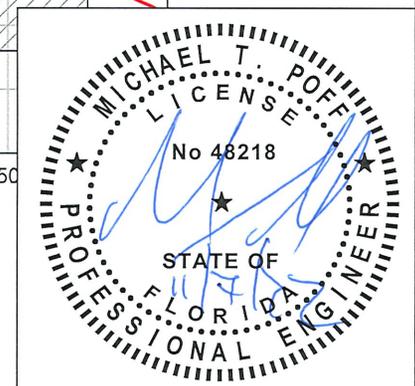


LEGEND

- = PROPOSED DREDGE AREA
- = EXISTING GRADE (OSI, 2021)

SCALE

- H: 1" = 600'
- V: 1" = 15'



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CLIENT: TOWN OF FORT MYERS BEACH

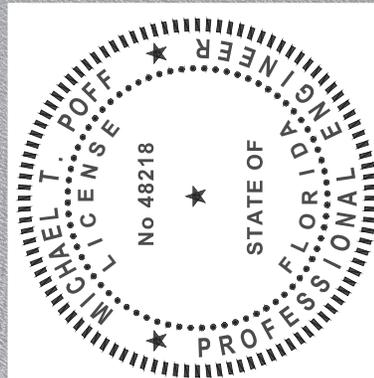
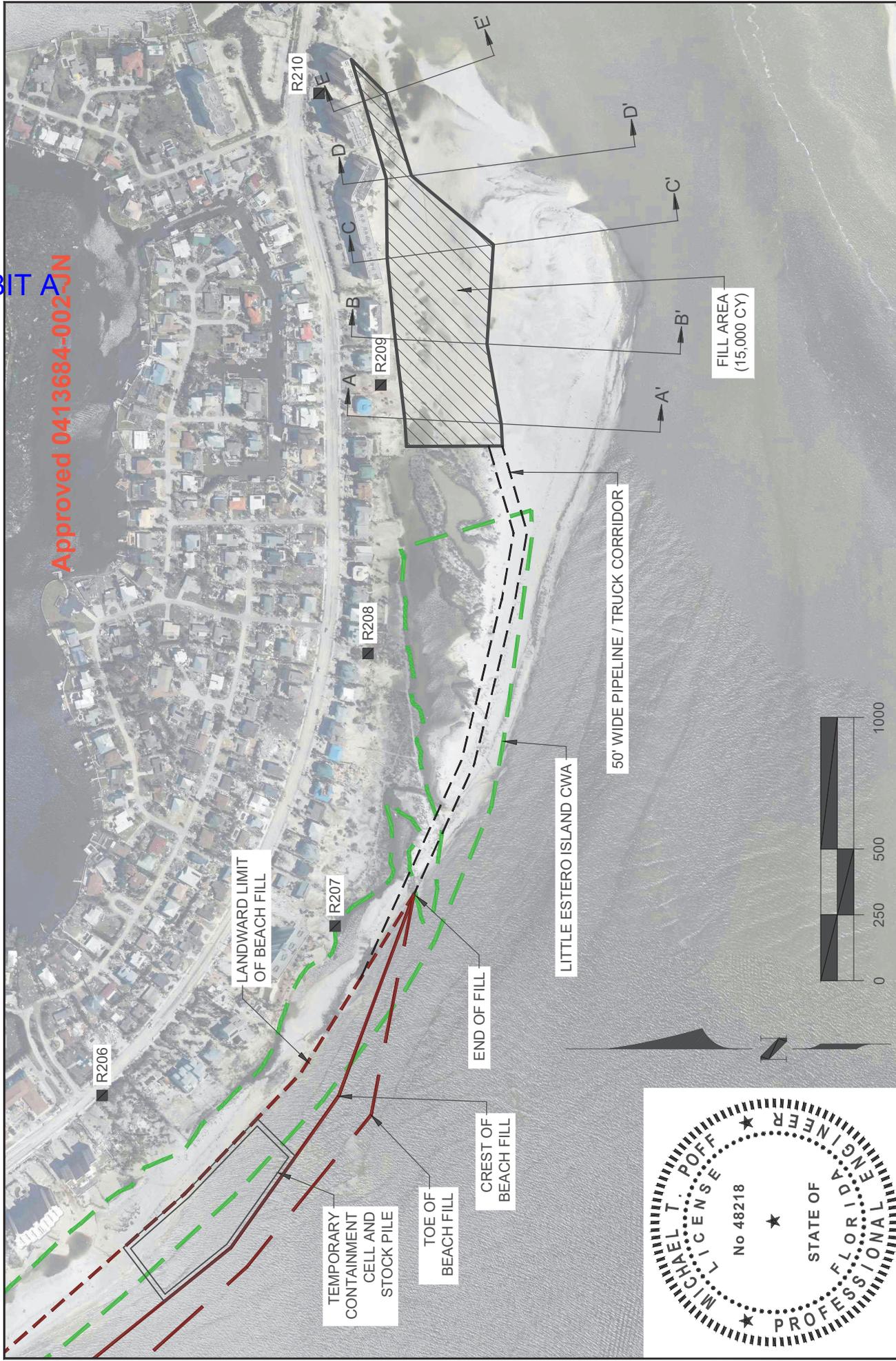
TITLE: OFFSHORE BORROW AREA SECTIONS

DATE:	11/03/2022	SCALE:	AS NOTED
DRAWN:	KMG	F.B.	
CHECKED:	MTP	PG.	
SEC.	TWP.	RNG.	
ACAD NO.	21504-Permit-2021.dwg		
REF. NO.	21.504		

NO.	DATE	BY	REVISION DESCRIPTION
3	11/03/2022	KMG	ADDED OFFSHORE BORROW AREA
2	7/14/2022	MTP	ADDRESSED DEP RAI #2
1	4/5/2022	KMG	ADDRESSED DEP RAI #1

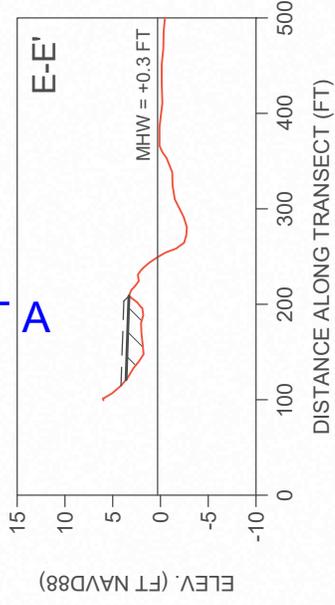
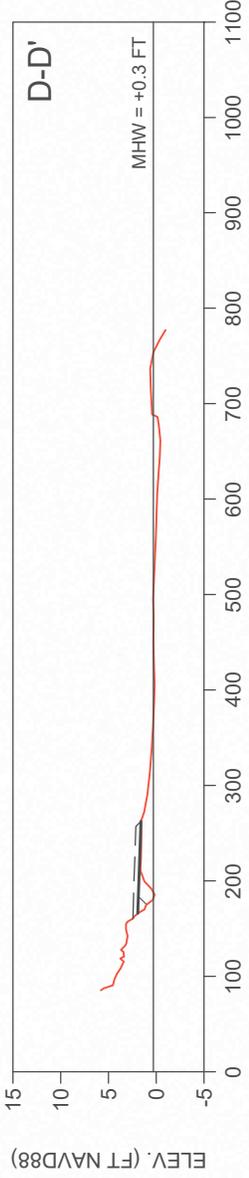
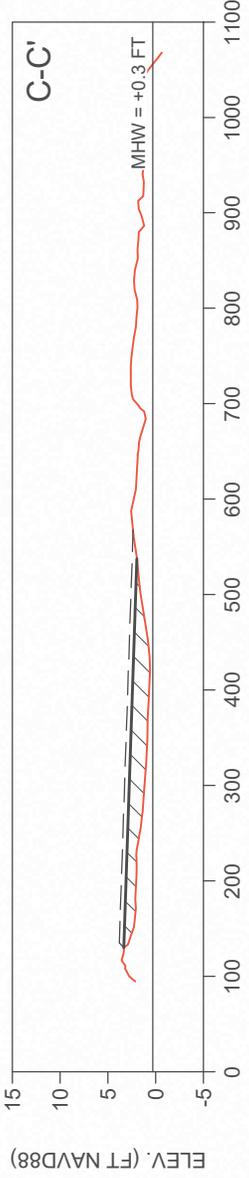
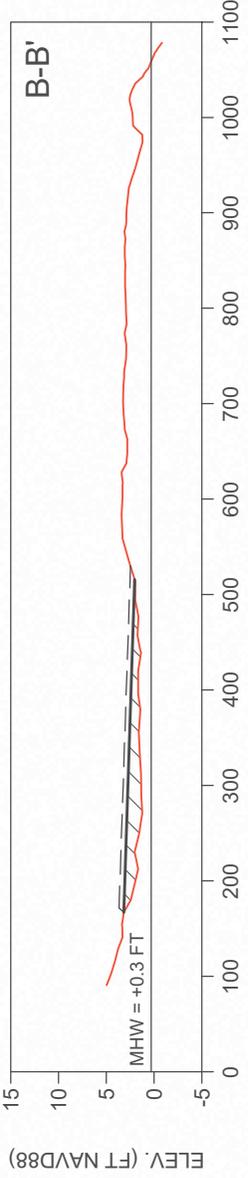
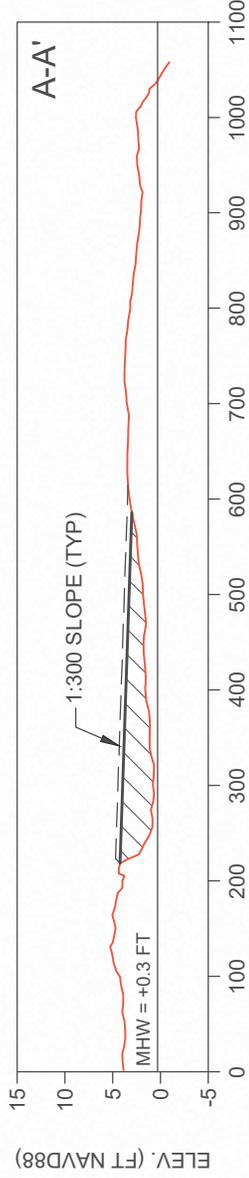
EXHIBIT A

Approved 0413684-002 JN



<b>COASTAL ENGINEERING CONSULTANTS INC.</b> Serving Coastal Communities Since 1977 28421 BONITA CROSSINGS BLVD BONITA SPRINGS, FLORIDA 34135		CLIENT: <b>TOWN OF FORT MYERS BEACH</b> TITLE:	
COASTAL & MARINE ENGINEERING ENVIRONMENTAL & GEOLOGICAL SERVICES SURVEY AND MAPPING ENGINEERING: CA 2464 SURVEYING: LB 2464 PHONE: (239)643-2324 FAX: (239)643-1143 www.coastalengineering.com E-Mail: info@ceefl.com		DATE: 3/13/2023 SCALE: AS NOTED DRAWN: SDB CHECKED: MTP SEC: TWP. IRNG. ACAD NO. 22504.P.dwg REF. NO. 22,504	
SHEET 2 FILE NO.: 22504-P-2		ADDED VOLUME, TRANSECTS, PROFILES 2 3/13/2023 MTP 1 3/7/2023 MTP NO. DATE BY 22,504	

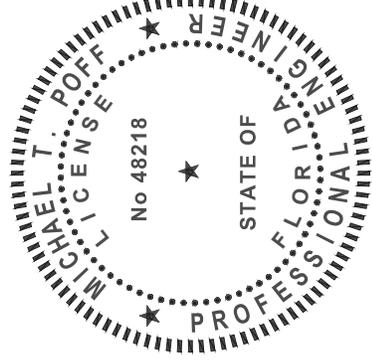
**EXHIBIT A**



- LEGEND**
- 3/9/2023 SURVEY (CEC)
  - DESIGN FILL AREA
  - - - +0.5' TOLERANCE

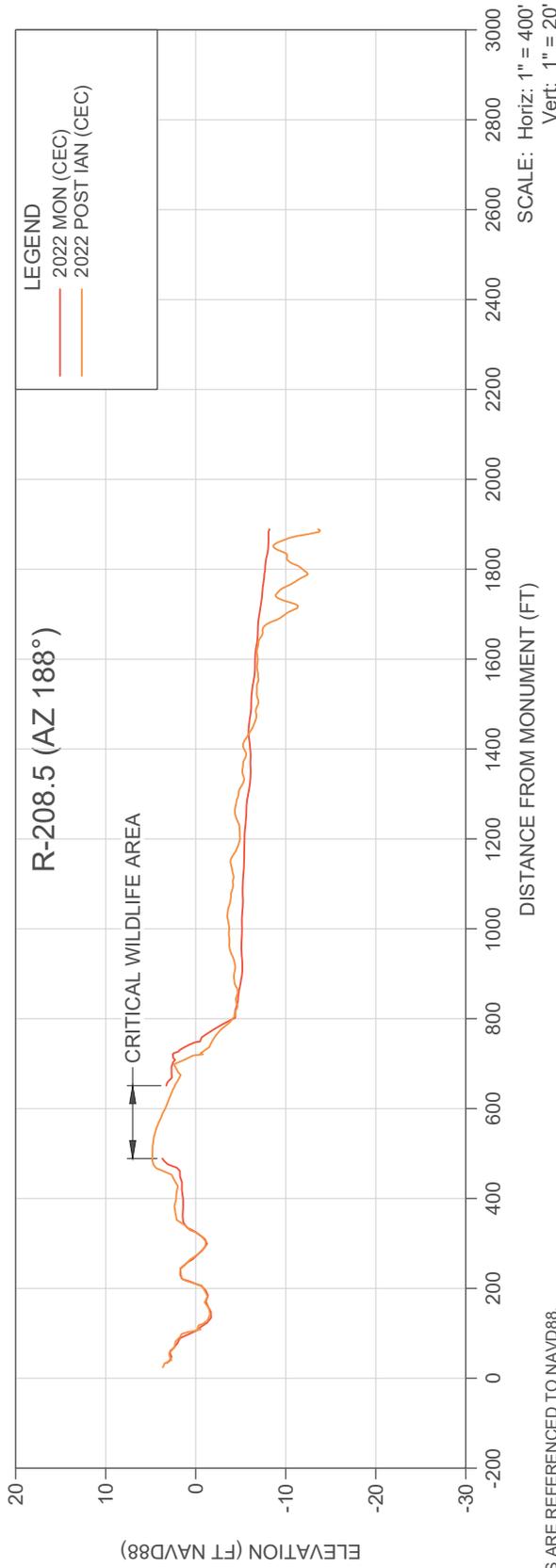
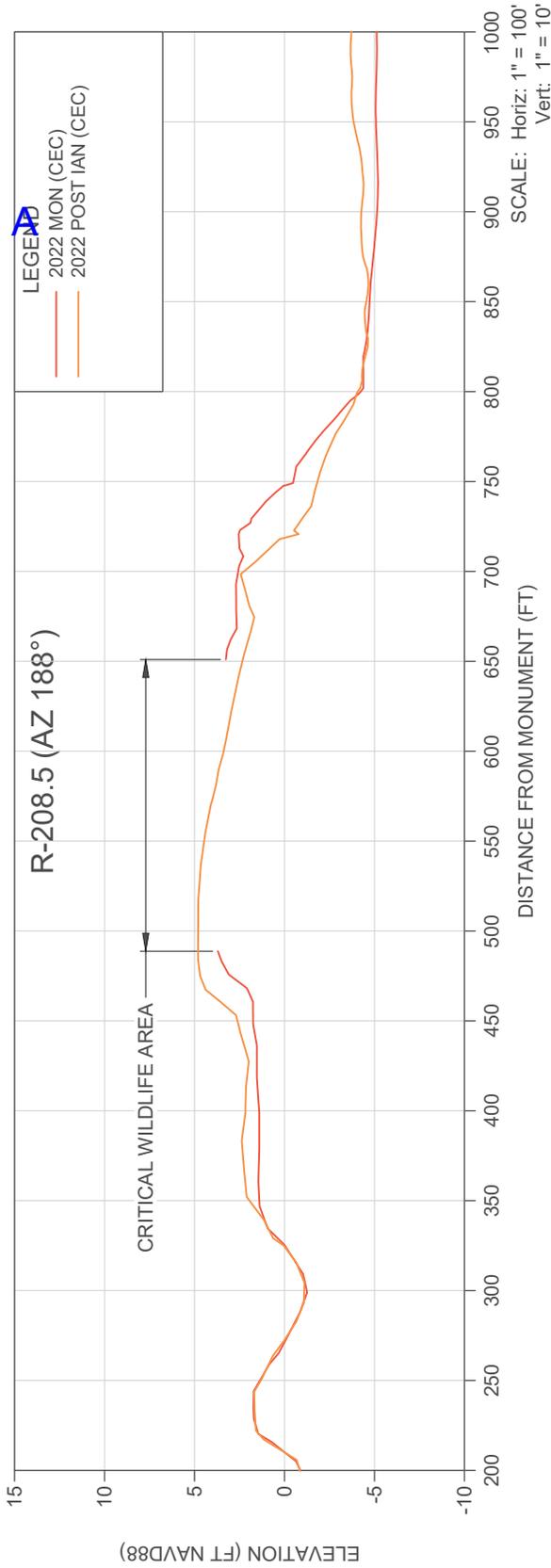
**SCALE**  
 Horiz: 1" = 200'  
 Vert: 1" = 20'

**Approved 0413684-002-JN**



<b>COASTAL ENGINEERING CONSULTANTS INC.</b> Serving Coastal Communities Since 1977 28421 BONITA CROSSINGS BLVD BONITA SPRINGS, FLORIDA 34135		CLIENT: <b>TOWN OF FORT MYERS BEACH</b> TITLE:	
COASTAL & MARINE ENGINEERING ENVIRONMENTAL & GEOLOGICAL SERVICES SURVEY AND MAPPING ENGINEERING: CA 2464 SURVEYING: LB 2464 PHONE: (239)643-2324 FAX: (239)643-1143 www.coastalengineering.com E-Mail: info@ceefl.com		DATE: 3/13/2023 SCALE: AS NOTED DRAWN: SDB / F.B. CHECKED: MTP / P.G. SEC. TWP. / RING. ACAD NO. 22504.P.dwg REF. NO.	
SHEET 3 FILE NO.: 22504-P-3		ADDED VOLUME, TRANSECTS, PROFILES 2 3/13/2023 MTP 1 3/7/2023 MTP NO. 22,504 DATE BY	

**TYPICAL PROFILES**



**NOTES:**

1. ELEVATIONS ARE REFERENCED TO NAVD88.
2. PROFILE DATA IS FROM SURVEYS BY CEC.

SHEET 44  
FILE NO.: 22279-R-208.5

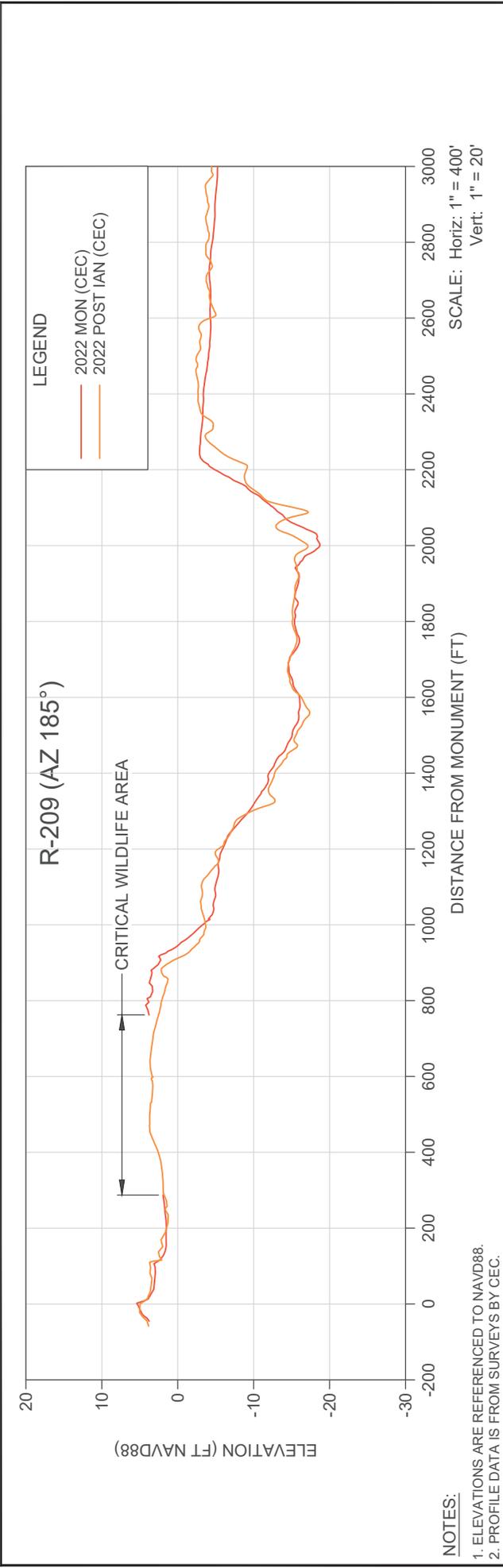
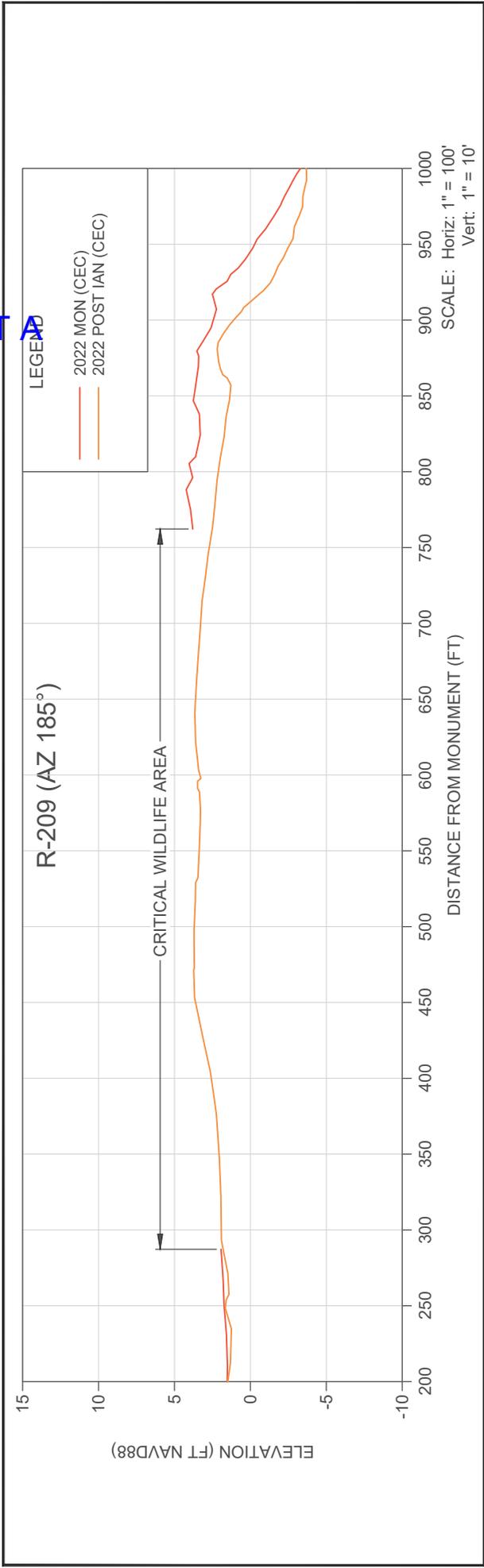
**COASTAL ENGINEERING CONSULTANTS INC.**  
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BONITA SPRINGS, FLORIDA 34135

COASTAL & MARINE ENGINEERING  
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SURVEYING: LB 2464  
PHONE: (239)643-2324  
FAX: (239)643-1143  
www.coastalengineering.com  
E-Mail: info@ceefl.com

CLIENT: **LEE COUNTY**  
TITLE: **R-208.5 (AZ 188°) POST IAN SURVEY**

DATE: 10/12/2022 SCALE: AS SHOWN  
DRAWN: VVA F.B.  
CHECKED: MTP PG.  
SEC: TRW. IRG.  
ACAD NO. 22279 Estero Island Profiles.dwg  
REF. NO. 22,279

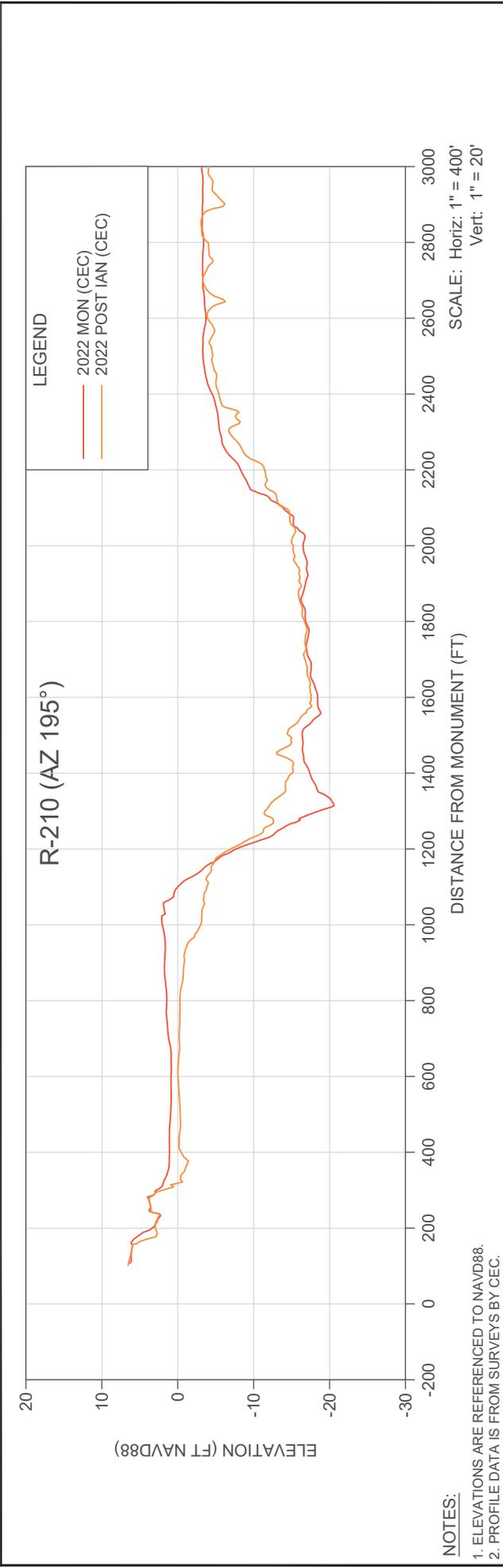
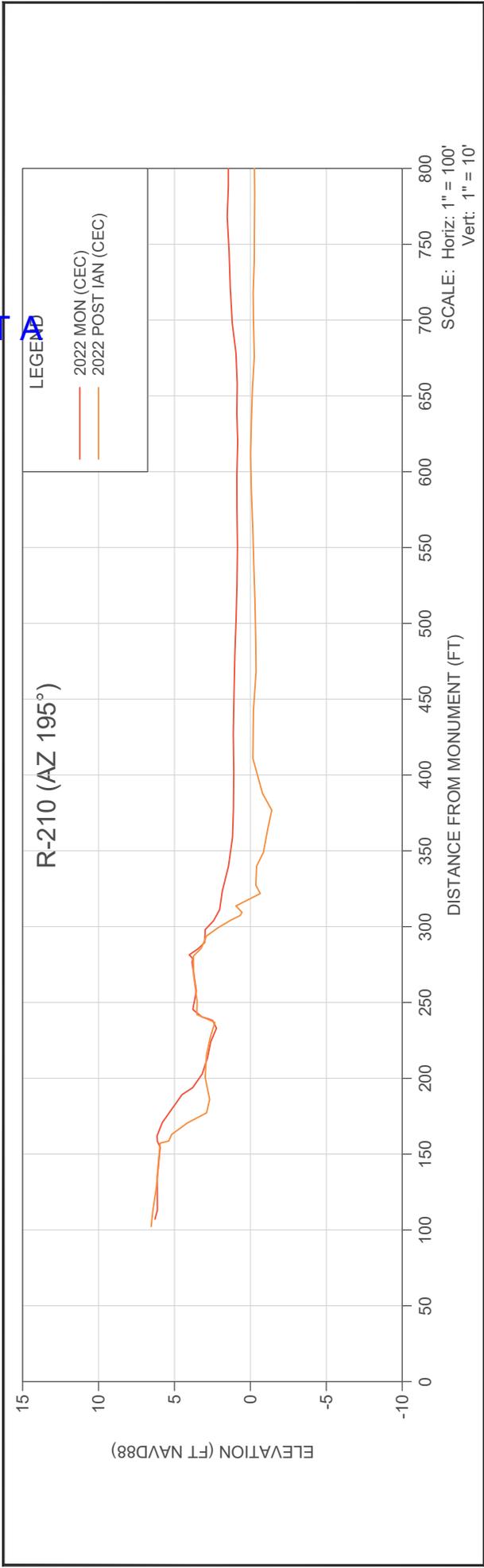
NO.	DATE	BY	REVISION DESCRIPTION



**NOTES:**

- ELEVATIONS ARE REFERENCED TO NAVD88.
- PROFILE DATA IS FROM SURVEYS BY CEC.

 <p><b>COASTAL ENGINEERING CONSULTANTS INC.</b> Serving Florida Since 1977 28421 BONITA CROSSINGS BLVD BONITA SPRINGS, FLORIDA 34135</p>		<p>CLIENT: <b>LEE COUNTY</b></p> <p>TITLE: <b>R-209 (AZ 185°) POST IAN SURVEY</b></p>	
<p>COASTAL &amp; MARINE ENGINEERING ENVIRONMENTAL &amp; GEOLOGICAL SERVICES SURVEY &amp; MAPPING ENGINEERING: CA 2464 SURVEYING: LB 2464</p> <p>PHONE: (239)643-2324 FAX: (239)643-1143 www.coastalengineering.com E-Mail: info@ceefl.com</p>	<p>DATE: 10/12/2022</p> <p>DRAWN: VVA F.B.</p> <p>CHECKED: MTP JG.</p> <p>SEC. TWP. RING.</p> <p>ACAD NO. 22279 Estero Island Profiles.dwg</p> <p>REF. NO.</p>	<p>SCALE: AS SHOWN</p>	<p>NO. 22,279</p> <p>DATE BY</p> <p>REVISION DESCRIPTION</p>
<p>SHEET 45</p> <p>FILE NO.: 22279-R-209 AZ185</p>			



**NOTES:**  
 1. ELEVATIONS ARE REFERENCED TO NAVD88.  
 2. PROFILE DATA IS FROM SURVEYS BY CEC.

<p><b>COASTAL ENGINEERING CONSULTANTS INC.</b>                  Serving Florida Since 1977                  28421 BONITA CROSSINGS BLVD                  BONITA SPRINGS, FLORIDA 34135</p>	<p>COASTAL &amp; MARINE ENGINEERING                  ENVIRONMENTAL &amp; GEOLOGICAL SERVICES                  SURVEY &amp; MAPPING                  ENGINEERING: CA 2464                  SURVEYING: LB 2464                  PHONE: (239)643-2324                  FAX: (239)643-1143                  www.coastalengineering.com                  E-Mail: info@ceefl.com</p>	<p>DATE: 10/12/2022                  DRAWN: VVA F.B.                  CHECKED: MTP JG.                  SEC: TRW                  ACAD NO. 22279 Estero Island Profiles.dwg                  REF. NO. 22,279</p>	<p>SCALE: AS SHOWN                  VVA F.B.                  MTP JG.                  TRW                  22279 Estero Island Profiles.dwg                  22,279</p>
<p>CLIENT: <b>LEE COUNTY</b></p>		<p>TITLE: <b>R-210 (AZ 195°) POST IAN SURVEY</b></p>	
<p>SHEET 46</p>		<p>FILE NO.: 22279-R-210 AZ195</p>	