

Action History (UTC-05:00)

Submit

by Lisa Guerreiro 2/20/2024 1:40:13 PM (Start Form)

Submit for Director app...

by Garrett Woods 2/20/2024 3:45:13 PM (Pre-Director approval)

- The task was assigned to Garrett Woods 2/20/2024 1:40:21 PM

Approve

by Chuck Speake 2/23/2024 11:11:15 AM (Director Approval)

- The task was assigned to Chuck Speake, Tricia Wisner 2/20/2024 3:45:15 PM
- Chuck Speake assigned the task to Chuck Speake 2/23/2024 11:01:44 AM

Approve

by Nicole Brown 2/23/2024 3:56:14 PM (Budget Approval)

- The task was assigned to Heidi Hallas, Nicole Brown, Lisa Herrmann 2/23/2024 11:11:16 AM
- Nicole Brown assigned the task to Nicole Brown 2/23/2024 3:55:10 PM

Reviewed

by Bernice Moen 2/23/2024 4:10:39 PM (Purchasing Specialist)

THIS IS A EMERGENCY C/O REQUEST TO AGREEMENT 2023-19 - NOT SURE IF IT NEEDS COMMISSION APPROVAL - 2/23/24 BM

- The task was assigned to Bernice Moen, Geoff Thomas 2/23/2024 3:56:16 PM
- Bernice Moen assigned the task to Bernice Moen 2/23/2024 3:59:25 PM

Approve

by Ginny Duyn 2/23/2024 4:28:31 PM (Purchasing Approval)

- The task was assigned to Alla Skipper, Ginny Duyn, Keith Raney 2/23/2024 4:10:41 PM
- Ginny Duyn assigned the task to Ginny Duyn 2/23/2024 4:26:04 PM

Approve

by Irina Kukharenko 2/23/2024 5:50:10 PM (Finance Director)

- The task was assigned to Kimberly Williams, Irina Kukharenko 2/23/2024 4:28:32 PM
- Irina Kukharenko assigned the task to Irina Kukharenko 2/23/2024 5:49:31 PM

Reviewed

by Lori Hollingshead 2/27/2024 8:15:13 AM (CM Executive Assistant)

- The task was assigned to Lori Hollingshead, Anna Duffey 2/23/2024 5:50:11 PM
- Lori Hollingshead assigned the task to Lori Hollingshead 2/27/2024 8:13:23 AM

Approve

by Jason Yarborough 2/27/2024 9:54:34 AM (Assistant City Manager)

- The task was assigned to Jason Yarborough, Julie Bellia 2/27/2024 8:15:15 AM
- Jason Yarborough assigned the task to Jason Yarborough 2/27/2024 9:52:47 AM

Approve

by Jerome Fletcher 2/27/2024 12:53:06 PM (City Manager)

- The task was assigned to Jason Yarborough, Julie Bellia, Jerome Fletcher 2/27/2024 9:54:36 AM
- Jerome Fletcher assigned the task to Jerome Fletcher 2/27/2024 12:52:48 PM



Procurement Request

City of North Port

Request

Request Type *

Emergency Procurement

Capital? (?) No Yes**PRR-EX (?)** Yes**FY ***

2024

Type code *

E

Preparer

Lisa Guerreiro

Pre-Director Approver (?)

Garrett Woods

Department *

PUBLIC WORKS

Division(s)

ROAD AND DRAINAGE

Emergency**City code or Federal *** City Federal (FEMA)**Requester ***

ANTHONY FRIEDMAN - TRANSPORTATION ENGINEER

The City shall not be bound by any transactions made contrary to procurement procedures.

For the Procurement Official to process a requisition or visa purchase request related to an **emergency purchase**, this form must be completed and submitted by the requesting party to the Purchasing Manager **within 72 hours of an occurrence**.

Emergency procurement pertains to any circumstance posing clear and immediate danger of injury to persons or property or of substantial economic loss to the City of North Port. Sec. 2-408 of the Procurement Code defines "Emergency repairs are those which, if not done immediately, would cause a threat to public health, welfare or safety."

THE CITY MANAGER MUST BE NOTIFIED IMMEDIATELY, FOLLOWED BY THE PURCHASING DIVISION.

In accordance with the City's Procurement Code Section 2-408. Emergency Procurement:

(a) Departments may, with the approval of the Purchasing Manager and without using the normal competitive process, procure emergency

equipment, parts and repairs valued not to exceed \$100,000.00. The City Manager may approve emergency purchases exceeding \$100,000.00, not to exceed \$250,000.00 for the repair of road and drainage equipment, whether mobile or stationary, refuse equipment, marine vessels, public safety equipment, equipment for water and sewer operations, heating and cooling systems or emergency repairs to buildings or infrastructure facilities. Emergency repairs are those which, if not done immediately, would case a threat to public health, welfare or safety.

(b) Emergency procurement of goods or services greater than \$250,000.00 require Commission approval.

(c) All emergency procurements made pursuant to this section shall be documented with a written memorandum provided to and maintained by the City's Purchasing division, outlining in detail the justification for proceeding as an emergency procurement.

Description (?) ***Description of Item(s) Purchased and Detailed Circumstances of the Emergency or Exigency Purchase/Service**

Construction is ongoing at the Jeffrey Lake seawall with Thomas Marine Construction, Inc supporting Agreement No. 2023-19. When driving sheet pile for the replacement seawall, an impenetrable rock layer was struck. After much collaboration with the engineer of record (GHD Services, Inc.), a solution was devised to proceed with the sheet pile installation by pre-drilling holes in the rock layer to weaken the rock and allow the sheet pile to be driven through the rock. This solution has required the contractor to utilize additional equipment, including rented equipment, and has significantly slowed the rate at which the sheet pile could be installed. This change order is to account for the additional equipment, labor, and time required to complete the construction of the sea wall following these unforeseen circumstances.

Staff at Public Works are seeking to move forward with an emergency procurement request due to professional evaluation, delays in this project may result in healthy safety and welfare issues. If the City were to experience a significant rain event while the seawall is in the current mid-construction condition, it is likely that the seawall will fail, which may result in significant damage to infrastructure and private property. Additionally, the current detour results in reduced emergency response times.

Purchase Details**Line Items**

Item #	Description *	Unit of Measure	Quantity *	Unit Price *	Subtotal
1	C/O to account for the additional equipment, labor, and time	\$\$	198,861.23	\$1.00	\$198,861.23

required to complete the construction of the sea wall following these unforeseen circumstances.

Shipping (?) * **Total Charges**
\$0.00 \$198,861.23

Accounts (?)

	Dept *	Account # (?) *	Project #	Amount *
1	PW	107-5000-541.63-00	R20DSI	\$56,178.94
2	PW	107-5000-541.63-00	R24DSI	\$142,682.29

Total Payments
\$198,861.23

Comments To Budget (?)

The \$198,861.23 includes the full use of contingency funds within Agreement No. 2023-19.

Vendor Details

Vendor Information (?)



Except for Emergency purchases, vendor MUST already be setup as a vendor in NaviLine.

Vendor Name *

THOMAS MARINE CONSTRUCTION INC

Vendor Number *

2246

Contact

Vendor Email

kcshimp@aol.com

Remittance Address

8999 HIGH COTTON LANE, FORT MYERS, FL 33905-3707

Phone

239-337-0008

YTD Expenses (?)

Department Inclusive (?) *

\$198,861.23

City Inclusive (?) *

\$198,861.23

EXHIBIT A – FEE SCHEDULE



February 13, 2024

Anthony Friedman, PE, PTOE
Transportation Engineer
City of North Port
North Port, FL 34286

RE: Jeffrey Lake Seawall and Sidewalk Reconstruction, Contract 23-2019

SUBJECT: Differing Site Conditions Cost Proposal

Dear Mr. Friedman:

As notified via email on January 17, 2024, and January 19, 2024, the City of North Port was made aware that Thomas Marine Construction encountered a "differing site condition". The following is an account of the additional cost incurred by Thomas Marine due to this unfortunate situation.

Thomas Marine Construction is requesting **\$198,861.23** for additional costs. The price includes the added cost associated with installing the sheet pile due to the differing site condition due to the rock, and concrete around the existing pipe culverts.

During installation of sheet pile, it was determined that the subsoil conditions differ from what plans and geotechnical report show. Note on plan sheet 9 states to drive sheet pile 20' into dark brown fine sand to slightly fine sand with trace shell (SP/SP-SM) with minimum tip at EL -23.87. Geotechnical borings were terminated prior to design minimum tip of EL-23.87 but did not indicate any hard layers in the depth of sample that was taken. Sheet piles were not able to be driven as planned and estimated. TMC explored and exhausted methods to drive sheets given the changed condition. After 1 week of exploration and discussions with the Owner and EOR it was determined that the method to drive the sheets to depths that will support the design loads requires additional time and equipment from original estimate and plan. Pre-drilling to install sheets to a revised tip depth of EL -18.5 is required. The following cost worksheets represent the extra cost expended to date along with future estimated cost to proceed as discussed. It is estimated to take an additional 24 days and \$198,861.23 to install sheets from what was estimated and planned due to the unforeseen rock and site conditions.

Please let me know if you need additional information or have any questions regarding this matter. I can be contacted by phone (239) 707-0416 or by email at mmabee@tmcfla.com

Sincerely,

Mark D. Mabee
Mark D. Mabee
Project Manager

cc: File, Kevin C. Shimp (TMC)



Attachments: CO-322-001 Extra Cost Worksheets
Burden Rate Letter
Probe Map
Pages from Geotechnical Report with Markups
Pages from plans with Markups
Daily Logs

Jeffrey Lake Seawall & Sidewalk Reconstruction

CO-323-001

DESCRIPTION: DIFFERING SITE CONDITIONS DUE TO HARD ROCK
LAYERS ENCOUNTERED DURING SHEETPILE INSTALLATION

DATE: 02/13/24

ORIGINAL PAY ITEMS AFFECTED:

Item #	Item Description	QNTY	Unit	Unit Price	EXT Price
455-133-3 (P)	SHEETPILE INSTALLATION (L&E ONLY)	1	LS	\$ 62,141.00	\$ 62,141.00
				\$ -	\$ -
				\$ -	\$ -
				\$ -	\$ -
					<u>\$ 62,141.00</u>

EXTRA WORK

Item #	Item Description	QNTY	Unit	Unit Price	EXT Price
CO-323-001	SHEETPILE INSTALLATION (L&E ONLY)	1	LS	\$ 261,002.23	\$ 261,002.23
					<u>\$ 261,002.23</u>

NET CHANGE TO CONTRACT

1	REVISED LABOR & EQUIPMENT TO INSTALL SHEET PILE PER CHANGED CONDITIONS				\$ 261,002.23
2	ORIGINAL LABOR & EQUIPMENT TO INSTALL SHEET PILE AS ESTIMATED				\$ 62,141.00
3	EXTRA COST / (COST SAVINGS)				\$ 198,861.23



EXTRA WORK SHEET

Project: <u>Jeffrey Lake Seawall & Sidewalk Reconstruc</u> Cont. No. _____ TMC Proj#: <u>323</u> To : <u>City of North Port</u> <u>1100 N. Chamberlain Blvd</u> <u>North Port, FL 34286</u> (Address) ATTN: Anthony Friedman, PE, PTOE Transportation Engineer	Thomas Marine Construction, Inc. (Issued by) <u>8999 High Cotton Lane</u> <u>Fort Myers, FL 33905</u> (Address)	Number: <u>CO-323-001</u> Name: <u>Differing Site Conditions</u> Date: <u>2/8/2024</u>
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- | | | |
|---|---|-----------|
| <input type="checkbox"/> Material or Subcontractor
<input type="checkbox"/> Owner Force Account Work
<input type="checkbox"/> Extra Work
<input type="checkbox"/> Equipment Lease or Vendor Invoice
<input checked="" type="checkbox"/> Unforeseen Condition
<input type="checkbox"/> Cost Savings Initiative Proposal | } | Check One |
|---|---|-----------|

Description of Work:

During installation of sheetpile it was determined that the subsoil conditions differ from what plans and geotechnical report show. Note on plan sheet 9 states to drive sheetpile 20' into dark brown fine sand to slightly fine sand with trace shell (SP/SP-SM) with minimum tip at EL -23.87. Geotechnical borings were terminated prior to design minimum tip of EL-23.87 but did not indicate any hard layers in the depth of sample that was taken. Sheetpile were not able to be driven as planned and estimated. TMC explored and exhausted methods to drive sheets given the changed condition. After 1 week of exploration and discussions with Owner and EOR it was determined that the method to drive the sheets to depths that will support the design loads requires additional time and equipment from original estimate and plan. Pre-drilling to install sheets to a revised tip depth of EL -18.5 is required. The following cost represent the extra cost expended todate along with future estimated cost to proceed as discussed.

Detail of Equipment, Materials and Labor	Hours or Quantity	Hrly Rate or Unit Price	Equipment Cost	Material Cost	Labor Cost	Total Amount
LABOR						
Project Manager (Mark Mabee)		\$ 105.00			\$ -	\$ -
Professional Engineer (Kevin Shimp)		\$ 225.00			\$ -	\$ -
TMC Labor (see attached sheet)	1487.50	\$ 47.215			\$ 70,232.26	\$ 70,232.26
					\$ -	\$ 70,232.26
MATERIAL						
See attached sheet for breakdown	1.00			\$ 624.49		\$ 624.49
						\$ -
EQUIPMENT						
See attached sheet for breakdown			\$ 150,090.74			\$ 150,090.74
			\$ -			\$ -
Sub Total Directs:			\$ 150,090.74	\$ 624.49	\$ 70,232.26	\$ 220,947.49
SUBCONTRACTOR						
See attached sheet for breakdown						\$ -
						\$ -
Sub Total Subcontractors:						
PRIME CONTRACTOR MARKUP						
Total Labor =	\$70,232.26	X	17.50%			\$12,290.65
Total Materials =	\$624.49	X	17.50%			\$109.29
Total Equipment =	\$150,090.74	X	17.50%			\$26,265.88
Total Subcontract =		X	10.00%			
Sub Total:						\$38,665.81
Extra Work Sheet SUB TOTAL:						\$259,613.30
Total Liability & Bond =	\$259,613.30	X	0.54%			\$1,388.93
Extra Work Sheet OVERAL TOTAL:						\$261,002.23

Approved for Owner, Material or Sub-Contractor By _____	Approved for Company By _____
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Exhibit A to Contract 2023-19 Jeffery Lake Sea Wall & Sidewalk Reconstruction

CO-323-001 Add'l Lump Sum Labor						CRAFT	STAFF	HOURLY RATES		COST	AVG RATE
Employee / Classification	Total Hours	Straight Time Hours	Overtime Hours	Hourly Wage (ST)	Hourly Wage (OT)	Burden Rate @ 63.83%	Burden Rate @ 52.30%	Burdened Hourly Wage (ST)	Burdened Hourly Wage (OT)	TOTAL	Composite Burdened Hourly Wage
<i>CRAFT</i>											
Job Sup / Crane Op	297.50	247.00	50.50	52.50	78.75	33.51		86.01	112.26	26,913.82	90.47
Leadman	297.50	247.00	50.50	24.25	36.38	15.48		39.73	51.85	12,431.62	41.79
Skilled Laborer (1ea)	297.50	247.00	50.50	21.75	32.63	13.88		35.63	46.51	11,150.01	37.48
Skilled Laborer (1ea)	297.50	247.00	50.50	21.00	31.50	13.40		34.40	44.90	10,765.53	36.19
Laborer (1ea)	297.50	247.00	50.50	17.50	26.25	11.17		28.67	37.42	8,971.27	30.16
	-										
<i>STAFF</i>											
	-							-	-	0.00	0.00
	-							-	-	0.00	0.00
	-							-	-	0.00	0.00
	-							-	-	0.00	0.00
	-							-	-	0.00	0.00
	-							-	-	0.00	0.00
Total Direct Manhours:	1,487.50									70,232.26	47.215

Material Cost

Description	Unit	Qty	Unit Price	Total
CONCRETE FOR PIPE COLLAR	CY	1	\$ 542.49	\$ 542.49
FILTER CLOTH	SF	32	\$ 1.00	\$ 32.00
			\$ -	\$ -
			\$ -	\$ -
			\$ -	\$ -
			\$ -	\$ -
			\$ -	\$ -
Small Tools and Supplies (Consumables)	LS	1	\$ 50.00	\$ 50.00
Safety Supplies / Water	LS	1	\$ -	\$ -
Subtotal				\$ 624.49
				\$ -
				\$ -
				\$ -
				\$ -
Subtotal				\$ -
Total				\$ 624.49



June 8, 2023

City of North Port
1100 N. Chamberlain Blvd
North Port, FL 34286

Attn: Anthony Friedman, PE
RE: Contract No. 2023-19 Jeffrey Lake Sea Wall & Sidewalk Reconstruction
Subject: Burden Rates and Equipment Rates

This letter is to provide the City of North Port with current information. Per section 4-3.2.1 of the FDOT Standard Specifications, Thomas Marine Construction (TMC) is providing the following burden rate information for all extra work. The equipment rates will be in accordance with Blue Book Rates. The information provided in this letter is subject to change.

Current Project Supervision or Support


Senior Project Manager:	Mark Mabee
Company President/Project Engineer:	Kevin C. Shimp, PE
Project Manager:	Darren Watkins
Business Management:	Linda Solich
Equipment Manager:	Adam Lenz
Mechanic:	Mitchell Edmeier
Survey:	Tomahawk Surveying
Quality Control:	Lomski Engineering and Testing

Table 4-3.2.1 Payment Burden

Item	RATE	
	Craft	Staff
FICA	7.65%	
FUTA	0.80%	
SUTA	.1%	
MEDICAL INSURANCE	18%	15%
HOLIDAY, SICK, & VACATION BENEFITS	4%	6%
RETIREMENTS BENEFITS	7.5%	15%
WORKERS COMPENSATION	22.03%	2%
PER DIEM	3%	5%
INSURANCE (General Liability Only per Spec)	0.75%	
TOTAL BURDEN	63.83%	52.3%

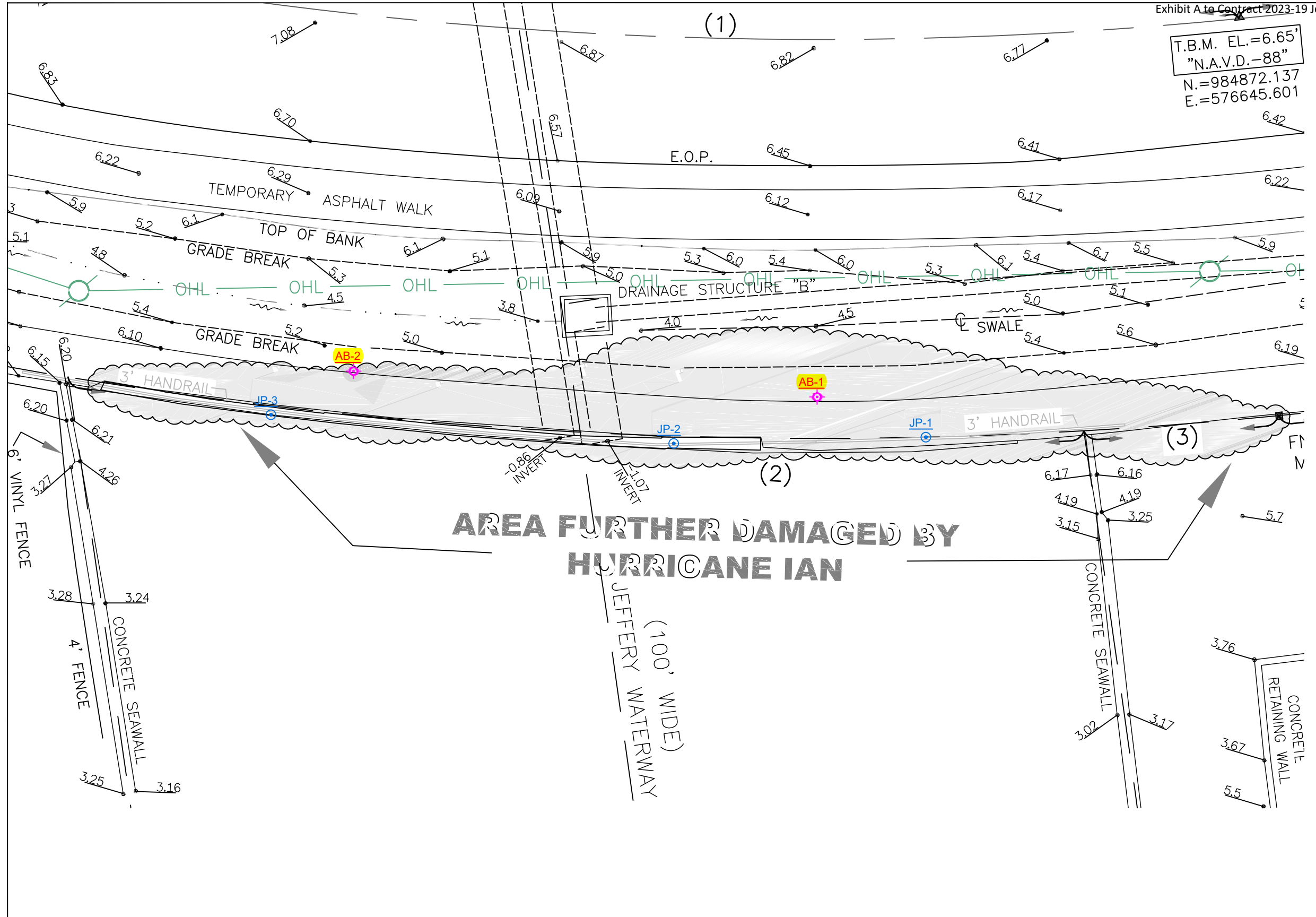
STATE OF FLORIDA
COUNTY OF LEE

Sworn to and subscribed before me this 8th day of June 2023 by Mark D. Mabee, who is personally known to me, states that the above is true and correct to the best of his knowledge.


Signature

NOTARY 





LEGEND:

- AB-X HAND AUGER BORING LOCATIONS
- JP-X JET PROBE LOCATIONS

NOTES:

1. FIELD SURVEY CONDUCTED BY VANBUSKIRK & FISH SURVEYING AND MAPPING INC. IN SEPTEMBER & OCTOBER OF 2022
2. TEST LOCATIONS ARE APPROXIMATE.
3. BORINGS AND JET PROBES WERE CONDUCTED IN AUGUST 2022 PRIOR TO HURRICANE IAN (2022).



JEFFREY LAKE SEAWALL
NORTH PORT, SARASOTA COUNTY, FLORIDA

TEST LOCATION MAP

Project No. 12588957
Date October 2022

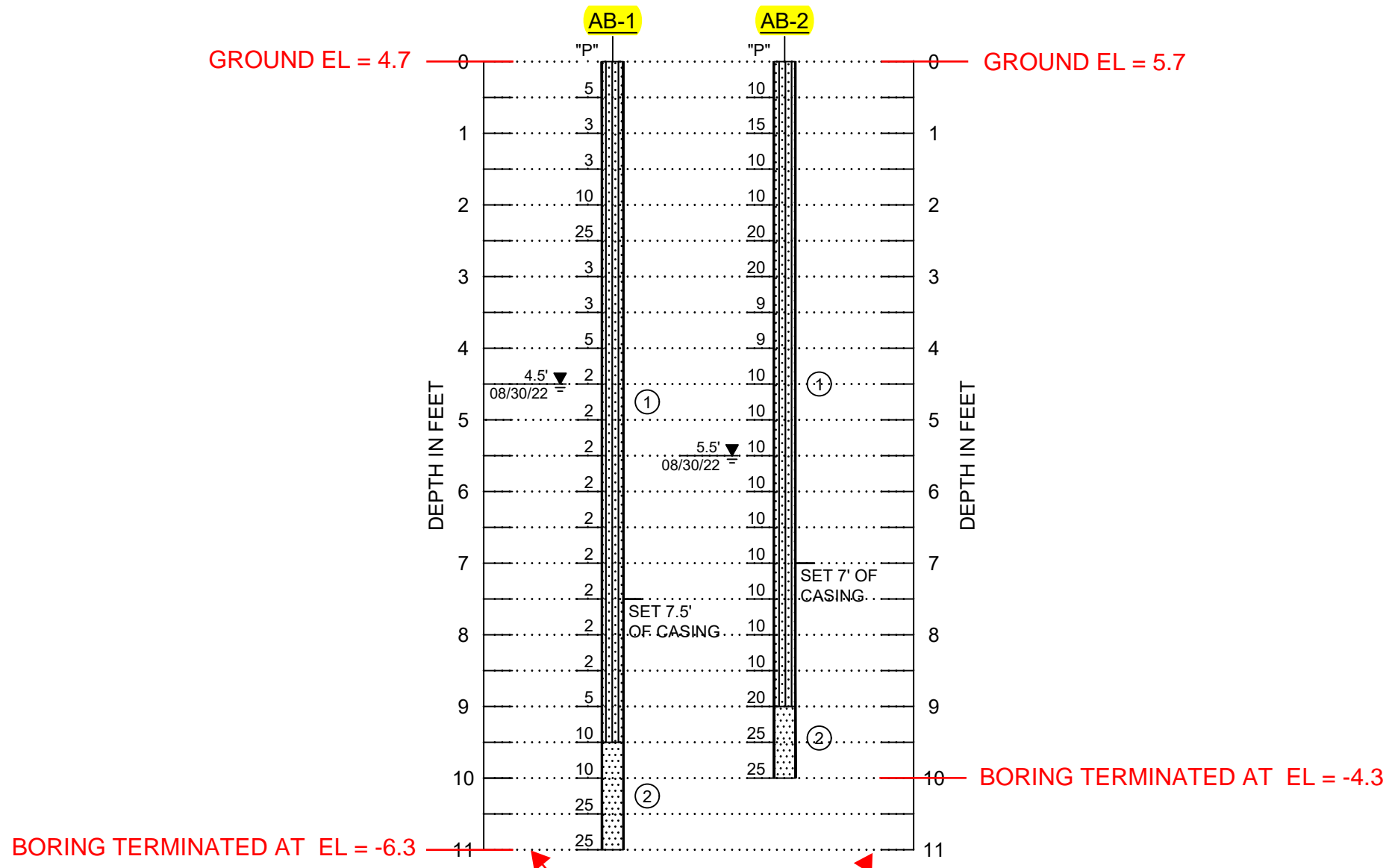
FIGURE 1

LEGEND:

- ① [Pattern] LIGHT BROWNISH GRAY TO DARK GRAYISH BROWN FINE SAND TO SLIGHTLY SILTY FINE SAND WITH TRACE TO SOME SHELL AND/OR LIMEROCK GRAVEL; FILL (SP/ SP-SM)
- ② [Pattern] GRAY OR DARK BROWN FINE SAND TO SLIGHTLY SILTY FINE SAND WITH TRACE SHELL (SP/SP-SM)
- (SP) UNIFIED SOIL CLASSIFICATION GROUP SYMBOL AS DETERMINED BY VISUAL REVIEW
- "P" HAND CONE PENETROMETER READING AT SHOWN DEPTH (E= ERRATIC)
- 0.0 ▾ DEPTH GROUNDWATER ENCOUNTERED AND DATE MEASURED IN 2022 (NM=NOT MEASURED)

NOTES:

- 1. AB-1 GROUND ELEVATION = 4.7 FEET (NAVD88)
- 2. AB-2 GROUND ELEVATION = 5.7 FEET (NAVD88)



NO GEOTECHNICAL INFORMATION FROM EL -11 TO EL -23.87 WHERE SHEETPILE ARE TO TERMINATE

PLAN REQUIRED SHEETPILE TIP EL - 23.87

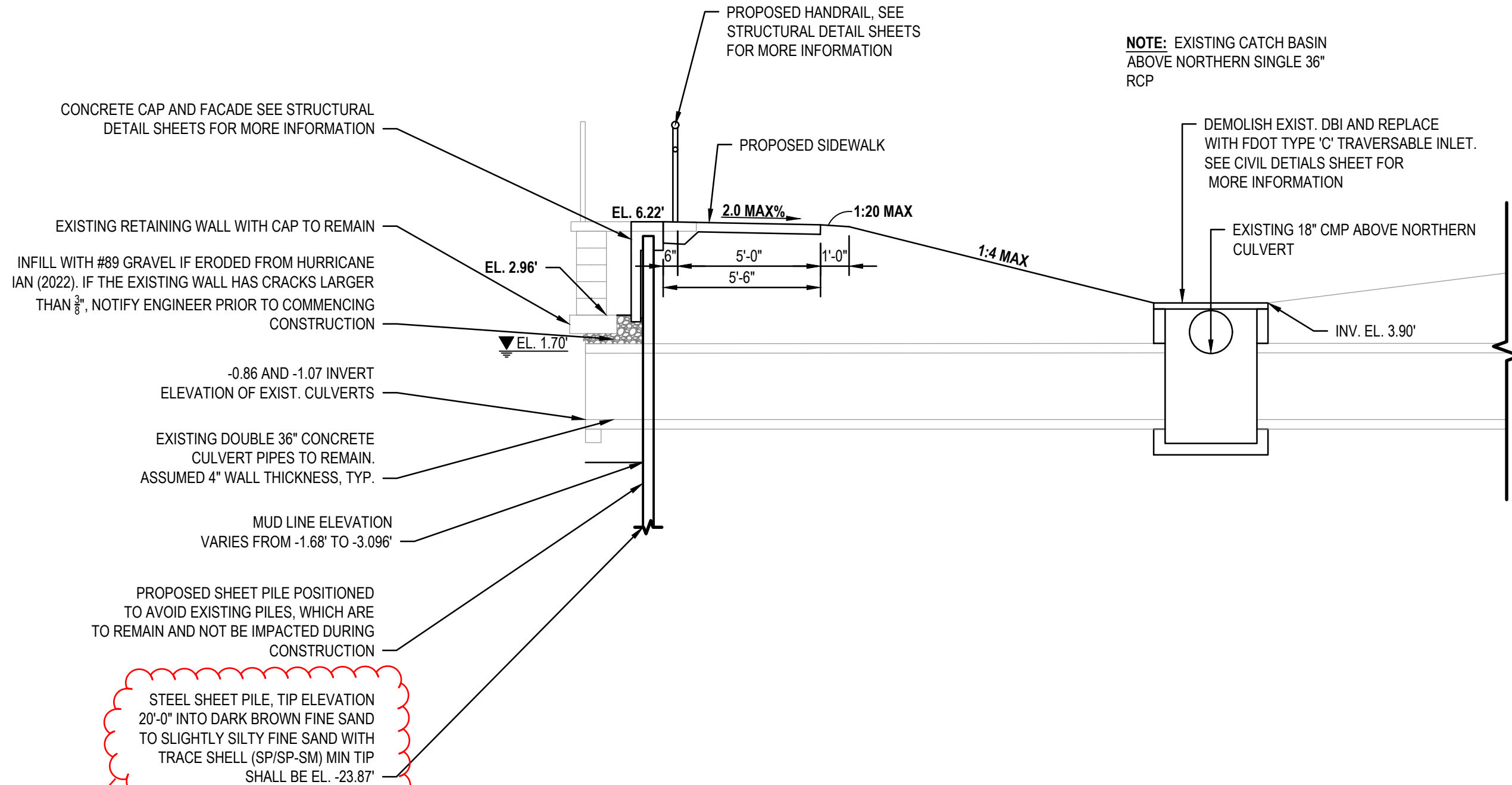


JEFFREY LAKE SEAWALL
NORTH PORT, SARASOTA COUNTY, FLORIDA

AUGER BORING PROFILES

Project No. 12588957
Date August 2022

FIGURE 2



PROPOSED WALL SECTION
 SCALE 1/4" = 1'-0"

NOTE INDICATES STANDARD DRIVING CONDITIONS WITH NO MENTION OF HARD LAYERS

3	ISSUED FOR CONSTRUCTION	2022-11-07
2	ISSUED FOR 100% SUBMITTAL REVIEW	2022-10-25
1	ISSUED FOR 60% SUBMITTAL REVIEW	2022-10-13
No. Issue	Checked	Approved
Author	WRV	Drafting Check TF
Designer	VR	Design Check MKB
		Project Manager REW
		Project Director BD
		10/14/2022

BAR SCALE: N.T.S.

GHD Services, Inc 2675 Winkler Avenue, Suite 180 Fort Myers, FL 33901 (239) 936-4003 www.ghd.com	
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CLIENT:	NORTH PORT PUBLIC WORKS DEPARTMENT ENGINEERING DIVISION 1100 NORTH CHAMBERLAIN BOULEVARD NORTH PORT, FL 34286
PROJECT:	JEFFREY LAKE RETAINING WALL NORTH PORT, FL
PROJECT NO.:	12588957
Date:	OCTOBER 21, 2022

TITLE:	PROPOSED WALL SECTION
SHEET NO.:	9

SIZE:	ANSI B
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