



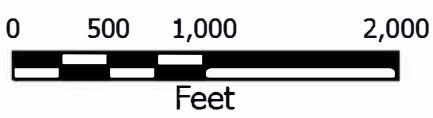




-  Lease Area
-  Easement Area
-  State Managed Conservation Lands
-  Federal Managed Conservation Lands

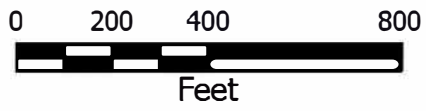


Jacksonville Port Authority
Lease #16036662
 Duval County, Florida



Legend:

- Lease Area
- Easement Area



Jacksonville Port Authority
Lease #160366662

Duval County, Florida

PROJECT DESCRIPTION

1. Location: 30° 24' 15.0947" North Latitude, 81° 32' 47.2709" West Longitude
Aquatic Preserve: No
Waterbody Name and Classification: St. Johns River, Class III Waters, Not Approved for Shellfish Harvesting
Designated Manatee County: Yes, with an approved Manatee Protection Plan
Manatee Aggregation Area: No
Manatee Protection Speed Zone: 300-foot slow speed buffer year-round
2. Preempted area (square feet): 486,668 lease area and 162,366 easement area
Structure Dimensions: 131,868 square feet existing and 112,430 square feet for the expansion
Dredge: 95,713 cubic yards of sovereignty material
Number of slips: Two slips
Vessels: Commercial; 750-foot vehicle carriers
3. Liveaboards: Liveaboards are not authorized in the Department's environmental resource permit and will not be authorized in the lease.
4. Sewage pumpout facilities: Are not authorized in the Department's environmental resource permit and will not be authorized in the lease.
5. Fueling facilities: Vessel fueling with gasoline, diesel, or fuel oil is not authorized in the Department's environmental resource permit and will not be authorized in the lease.
6. Maintenance/ New Dredging: Dredging will be authorized on sovereignty submerged lands to allow clearance for larger vessels. The dredging activities will be to a proposed berth depth of 38 feet below Mean Low Water to accommodate larger vessels and will include a two-foot over dredge allowance. The dredge expansion will require removal of approximately 95,713 cubic yards of dredged material. All dredged material will be taken to one of the previously permitted DMMAs, Bartram Island and Buck Island, which are sufficient to store the dredge volume of 95,713 cubic yards. Dredging work will require the use of a hydraulic cutterhead or mechanical dredging equipment.

REQUIREMENTS/ASSESSMENTS/COMMENTS

1. DEP environmental resource permit: See attached "Consolidated Notice of Intent to Issue."
2. U.S. Army Corps of Engineer permit: The Army Corps of Engineers Engineering Division reviewed the Jacksonville Port Authorities Berth 20 permit package (SAJ-1996-01422) and the proposed expansion and dredging. The Engineering Division did not

object to the issuance of the permit and concluded that the project is in compliance with Section 408.

3. Fish and Wildlife Conservation Commission (FWC), Division of Habitat and Species Conservation, Imperiled Species Management Section, Manatees: Recommended on May 2, 2023 that the Applicant: (1) follow the Standard Manatee Conditions for In-water Work (2011) for all in water activity and (2) to reduce the risk of a vessel crushing a manatee, the Permittee shall install wharf fenders with appropriate materials to provide sufficient standoff space of at least four feet under maximum designed compression. Fenders or buoys providing a minimum standoff space of at least four feet under maximum designed compression shall also be utilized between two vessels that are moored together.
4. Department of State, Division of Historical Resources: DHR was notified April 13, 2023, and did not provide a comment.
5. Navigation: The St. Johns Bar Pilots and the McCallister Docking Pilots reviewed the proposed expansion and stated, "Proximity to the channel will not be an issue, nor will docking or undocking with another vessel alongside".
6. Riparian rights line setback: The proposed lease boundary complies with the required setbacks.
7. Noticing: No property owners fall within the 500-foot radius for noticing, as all property within this boundary is owned by the Jacksonville Port Authority.

PUBLIC INTEREST STATEMENT

The subject property is not within an aquatic preserve and will not result in the sale of sovereignty submerged lands. Therefore, to receive approval, the proposal is not specifically required by rule or statute to demonstrate that it is "in the public interest", only that it be "not contrary to public interest," pursuant to Rule 18-21.004(1)(a), F.A.C.

Based on the merits of the proposal, the applicant has given reasonable assurance that the proposal will maintain essentially natural conditions; will not significantly impact fish and wildlife and other natural resources, including public recreation and navigation.

Therefore, it is the Department's opinion that the proposal is not "contrary to the public interest" and otherwise meets all applicable requirements for a proprietary authorization to use sovereignty submerged lands.

EXISTING FACILITY

On September 25, 1996, the Florida Department of Environmental Protection issued permit 16-282917-9 to Jacksonville Port Authority, authorizing the construction of the wharf and dredging

for the terminal. The current existing structure is a portion of that originally proposed authorization of a similar "T" construction footprint as is now being proposed. The original authorization granted Jacksonville Port Authority a proprietary authorization of Consent to Use.

The dock was constructed in part and has since served as a major point of import and export for the city of Jacksonville. No erosion or shoaling has occurred at the existing facility that was constructed in 1996 and none is anticipated to occur with the proposed construction. The current structure allows for the mooring of one vessel. Under the proposed expansion, and associated dredging of 95,713 cubic yards of sovereignty material, the structure would accommodate the mooring of two larger vessels.

SPECIAL LEASE CONDITION(S)

1. Lessee shall maintain in an active status all required state and federal permits during the term of this lease and during any subsequent renewals.
2. All vessels that moor, dock, or otherwise use the leased premises shall be maintained in a fully operational condition.

FEES

The applicant qualifies for a waiver of lease fees pursuant to section 253.77(4), F.S., and Rule 18-21.011(1)(b)7, F.A.C. Additionally, the applicant is a Port Authority and qualifies for a waiver of severance fees pursuant to section 253.03(10), F.S., and Rule 18-21.011(3)(c), F.A.C.

MAPS SHOWING A SKETCH TO ACCOMPANY DESCRIPTION:

FOR A PORTION OF SUBMERGED SOVEREIGN LANDS LEASE OF THE STATE OF FLORIDA
 LYING ADJACENT TO THE BLOUNT ISLAND WEST CHANNEL OF THE ST. JOHNS RIVER,
 UNSURVEYED SECTION 24, TOWNSHIP 1 SOUTH, RANGE 27 EAST,
 DUVAL COUNTY, FLORIDA



LEGEND

O.R.V.	OFFICIAL RECORDS VOLUME
P.C.	PAGE
P.C.	POINT OF CURVATURE
P.T.	POINT OF TANGENCY
P.R.C.	POINT OF REVERSE CURVATURE
P.C.C.	POINT OF COMPOUND CURVATURE
LB	LICENSED BUSINESS
R/W	RIGHT OF WAY
MHW.	MEAN HIGH WATER LINE
[10.5']	TIE TO LEASE AREA

SURVEY NOTES

1. THIS MAP REPRESENTS A FIELD SURVEY DATED JULY 13 2022.
2. BEARINGS SHOWN HEREON ARE BASED ON THE NORTH WESTERLY BULKHEAD LINE OF BLOUNT ISLAND S20°15'39"W AS IN ESTABLISHED BULKHEAD LINES PLAT BOOK 1,PAGE32, DUVAL COUNTY, FLORIDA.
3. ALL DIMENSIONS SHOWN HEREON ARE IN FEET AND IN TENTHS AND ARE BASED ON THE U.S. SURVEY FOOT.
4. A TITLE COMMITMENT HAS NOT BEEN PROVIDED FOR THIS SURVEY.
5. NOTICE: THERE MAY BE ADDITIONAL RESTRICTIONS THAT ARE NOT SHOWN ON THIS SURVEY THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THIS COUNTY.
6. ELEVATIONS SHOWN HEREON ARE BASED UPON NORTH AMERICAN VERTICAL DATUM, 1988 (NAVD88).
7. THE MEAN HIGH WATER LINE IS LOCATED AS INSTRUCTED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION, BUREAU OF SURVEYING AND MAPPING, LABINS.ORG, AT ELEVATION 1 .20' NAVD 1988 FOR INTERPOLATION TIDE POINT (TIP) No. 6023.

THIS SURVEY IS NOT COMPLETE WITHOUT ACCOMPANYING SHEETS 2 & 3.

FOR: JACKSONVILLE PORT AUTHORITY
 BERTH 20 - SOVEREIGN SUBMERGED LANDS LEASE

ARC SURVEYING & MAPPING, INC.



5202 SAN JUAN AVENUE,
 JACKSONVILLE, FLORIDA 32210
 PHONE: 904/384-8377
 LICENSED BUSINESS NO. 6487

DRAWN BY:	DATE:	FILE #:	JOB NO.
RJS	3/23/23	22-088 Berth 20 SSSL	21-088 SSSL



Richard J
 Sawyer, PSM
 Digitally signed by Richard J Sawyer, PSM
 Date: 2023.07.20 08:28:38 -0400

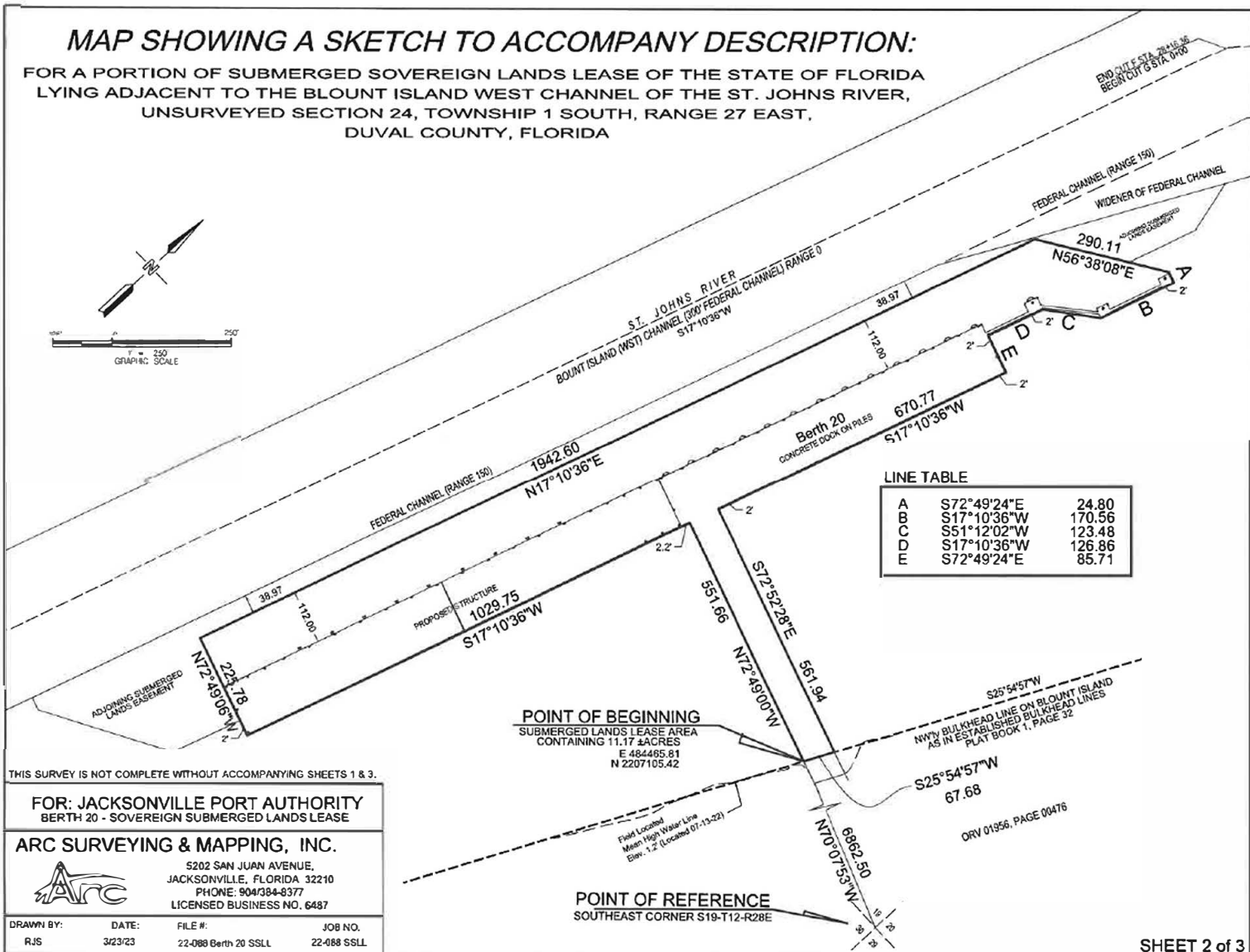
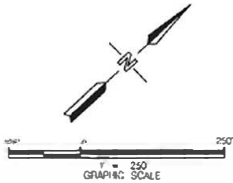
Richard J. Sawyer
 Professional Surveyor and Mapper
 Florida Certificate No. 6131

CERTIFIED TO

BOARD OF TRUSTEES OF THE INTERNAL IMPROVEMENT
 TRUST FUND OF THE STATE OF FLORIDA
 JACKSONVILLE PORT AUTHORITY

SHEET 1 of 3

MAP SHOWING A SKETCH TO ACCOMPANY DESCRIPTION:
FOR A PORTION OF SUBMERGED SOVEREIGN LANDS LEASE OF THE STATE OF FLORIDA
LYING ADJACENT TO THE BLOUNT ISLAND WEST CHANNEL OF THE ST. JOHNS RIVER,
UNSURVEYED SECTION 24, TOWNSHIP 1 SOUTH, RANGE 27 EAST,
DUVAL COUNTY, FLORIDA



LINE TABLE


A	S72°49'24"E	24.80
B	S17°10'36"W	170.56
C	S51°12'02"W	123.48
D	S17°10'36"W	126.86
E	S72°49'24"E	85.71

THIS SURVEY IS NOT COMPLETE WITHOUT ACCOMPANYING SHEETS 1 & 3.

FOR: JACKSONVILLE PORT AUTHORITY
 BERTH 20 - SOVEREIGN SUBMERGED LANDS LEASE

ARC SURVEYING & MAPPING, INC.

5202 SAN JUAN AVENUE,
 JACKSONVILLE, FLORIDA 32210
 PHONE: 904/384-6377
 LICENSED BUSINESS NO. 6487



DRAWN BY: RJS DATE: 3/23/23 FILE #: 22-088 Berth 20 SSSL JOB NO. 22-088 SSSL

MAPS SHOWING A SKETCH TO ACCOMPANY DESCRIPTION:

FOR A PORTION OF SUBMERGED SOVEREIGN LANDS LEASE OF THE STATE OF FLORIDA LYING ADJACENT TO THE BLOUNT ISLAND WEST CHANNEL OF THE ST. JOHNS RIVER, UNSURVEYED SECTION 24, TOWNSHIP 1 SOUTH, RANGE 27 EAST, DUVAL COUNTY, FLORIDA

A PARCEL OF SUBMERGED LANDS LYING ADJACENT TO THE BLOUNT ISLAND WEST CHANNEL OF THE ST. JOHNS RIVER, LOCATED IN UNSURVEYED SECTION 24, TOWNSHIP 1 SOUTH, RANGE 27 EAST, DUVAL COUNTY, FLORIDA AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE FOR A POINT OF REFERENCE AT THE SOUTHEAST CORNER OF SECTION 19, TOWNSHIP 1 SOUTH, RANGE 28 EAST, SAID DUVAL COUNTY AND PROCEED NORTH 70°07'53" WEST, A DISTANCE OF 6862.50 FEET, TO A POINT LOCATED ON THE NORTHWESTERLY BULKHEAD LINE OF BLOUNT ISLAND, AS RECORDED IN ESTABLISHED BULKHEAD LINES, PLAT BOOK 1, PAGE 32 OF THE PUBLIC RECORDS OF DUVAL COUNTY, FLORIDA, AND THE POINT OF BEGINNING.

FROM THE POINT OF BEGINNING CONTINUE ALONG SAID SOUTH LINE OF THE OF THE EXISTING CONCRETE DECK OF BERTH 20, NORTH 72°49'00" WEST A DISTANCE OF 551.66 FEET; THENCE DEPARTING SAID SOUTH LINE OF EXISTING CONCRETE DECK OF BERTH 20, SOUTH 17°10'36" WEST A DISTANCE OF 1029.75 FEET; THENCE NORTH 72°49'06" WEST A DISTANCE OF 225.78 FEET; THENCE NORTH 17°10'36" EAST, A DISTANCE OF 1942.60 FEET; THENCE NORTH 56°38'08" EAST, A DISTANCE OF 290.11 FEET; THENCE SOUTH 72°49'24" EAST A DISTANCE OF 24.80 FEET ; THENCE SOUTH 17°10'36" WEST A DISTANCE OF 170.56 FEET; THENCE SOUTH 51°12'02" WEST A DISTANCE OF 123.48 FEET; THENCE SOUTH 17°10'36" WEST A DISTANCE OF 126.86 FEET; THENCE SOUTH 72°49'24" EAST A DISTANCE 85.71 FEET; THENCE SOUTH 17°10'36" WEST A DISTANCE OF 670.77 FEET TO THE INTERSECTION OF THE NORTH LINE OF THE EXISTING CONCRETE DECK OF BERTH 20; THENCE ALONG SAID NORTH LINE, SOUTH 72°52'28" EAST A DISTANCE 561.94 FEET TO THE INTERSECTION OF AFOREMENTIONED NORTHWESTERLY BULKHEAD LINE OF BLOUNT ISLAND; THENCE CONTINUE ALONG SAID NORTHWESTERLY BULKHEAD LINE OF BLOUNT ISLAND SOUTH 25°54'57" WEST A DISTANCE OF 67.68 FEET AND THE POINT OF BEGINNING. CONTAINING 11.17 ACRES (486,667.94 SQUARE FEET), MORE OF LESS.

BSM REVIEWED
By SEN Date 7/20/23

THIS SURVEY IS NOT COMPLETE WITHOUT ACCOMPANYING SHEETS 2 & 3.

FOR: JACKSONVILLE PORT AUTHORITY
BERTH 20 - SOVEREIGN SUBMERGED LANDS LEASE

ARC SURVEYING & MAPPING, INC.



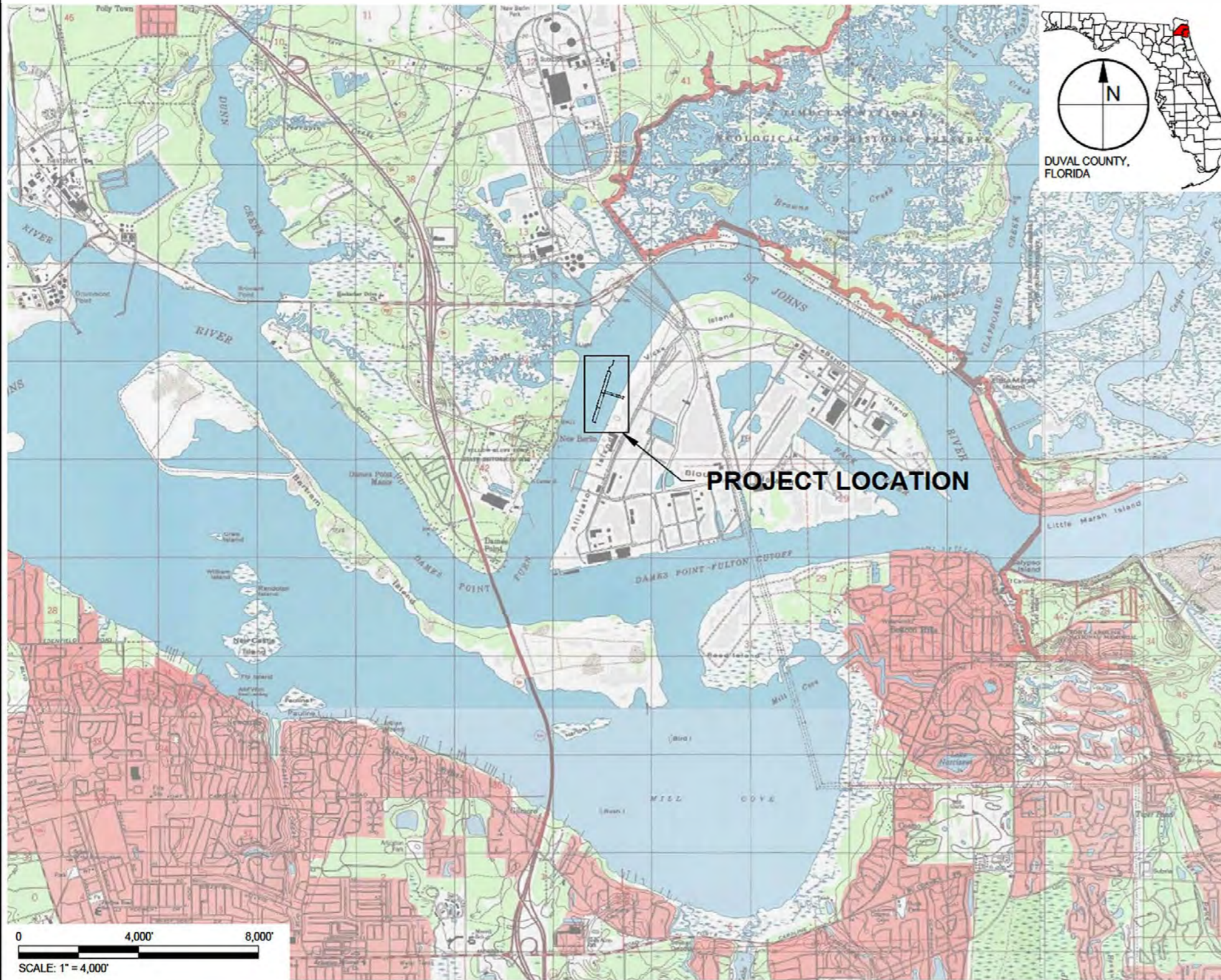
5202 SAN JUAN AVENUE,
JACKSONVILLE, FLORIDA 32210
PHONE: 904/384-8377
LICENSED BUSINESS NO. 6487

DRAWN BY:	DATE:	FILE #:	JOB NO.
RJS	3/23/23	22-088 Berth 20 SSLL	21-088 SSLL

SHEET 3 of 3

BLOUNT ISLAND MARINE TERMINAL -- BERTH 20 WHARF EXPANSION

DUVAL COUNTY, FLORIDA



DRAWING INDEX

- FIG 1 TITLE SHEET
- FIG 2 JAXPORT DREDGED MATERIAL MANAGEMENT AREAS
- FIG 3 PROJECT OVERVIEW
- FIG 4 EXISTING CONDITIONS
- FIG 5 WHARF EXPANSION PLAN AND CROSS-SECTION
- FIG 6 DREDGING PLAN
- FIG 7 PERMITTED AND PROPOSED DREDGING LIMITS
- FIG 8 DREDGING CROSS-SECTION
- FIG 9 PROPOSED SUBMERGED LANDS LEASE AND EASEMENT PLAN

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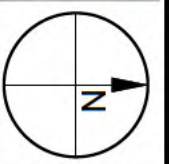
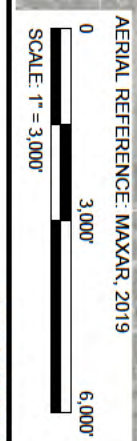
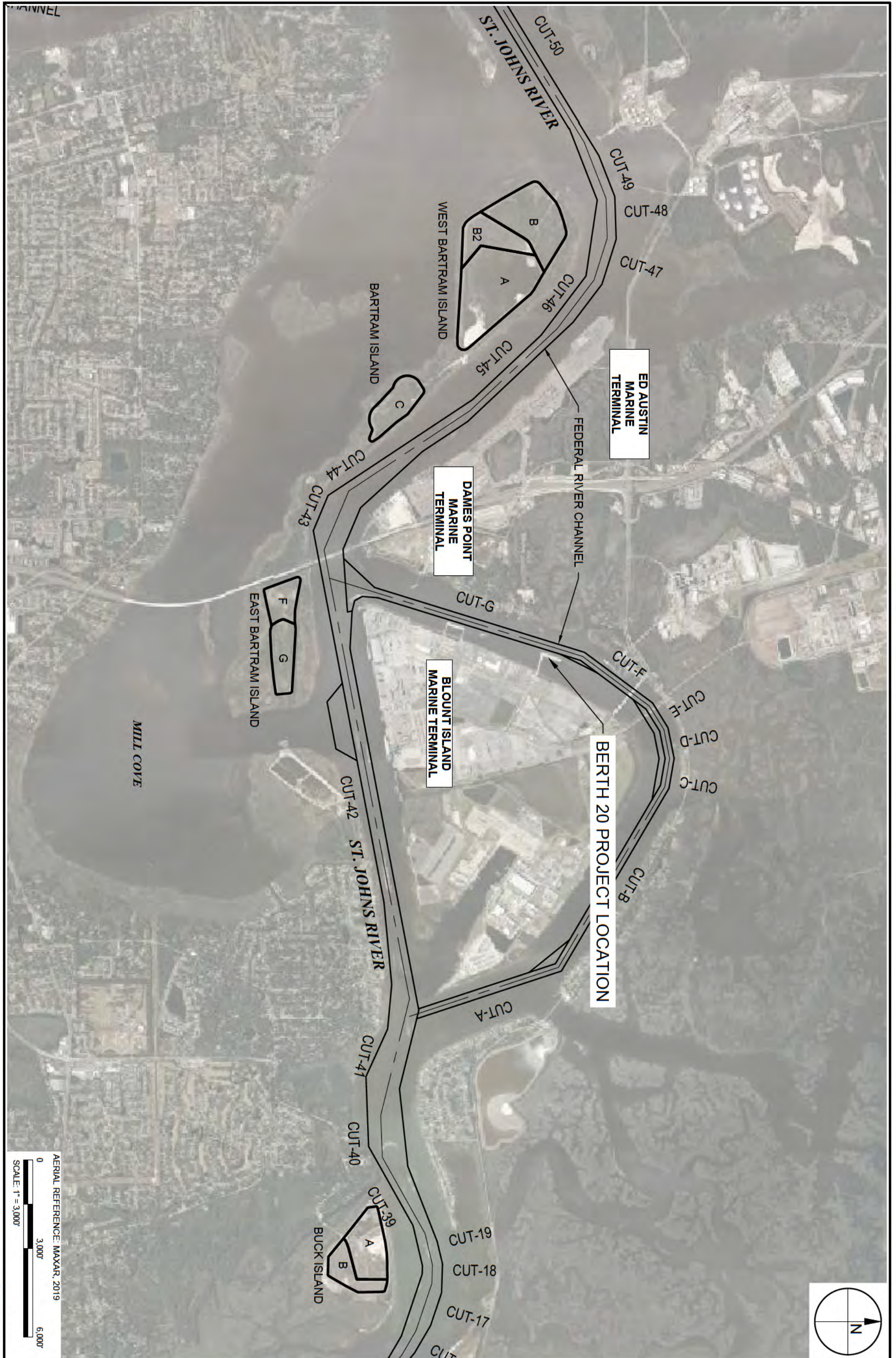
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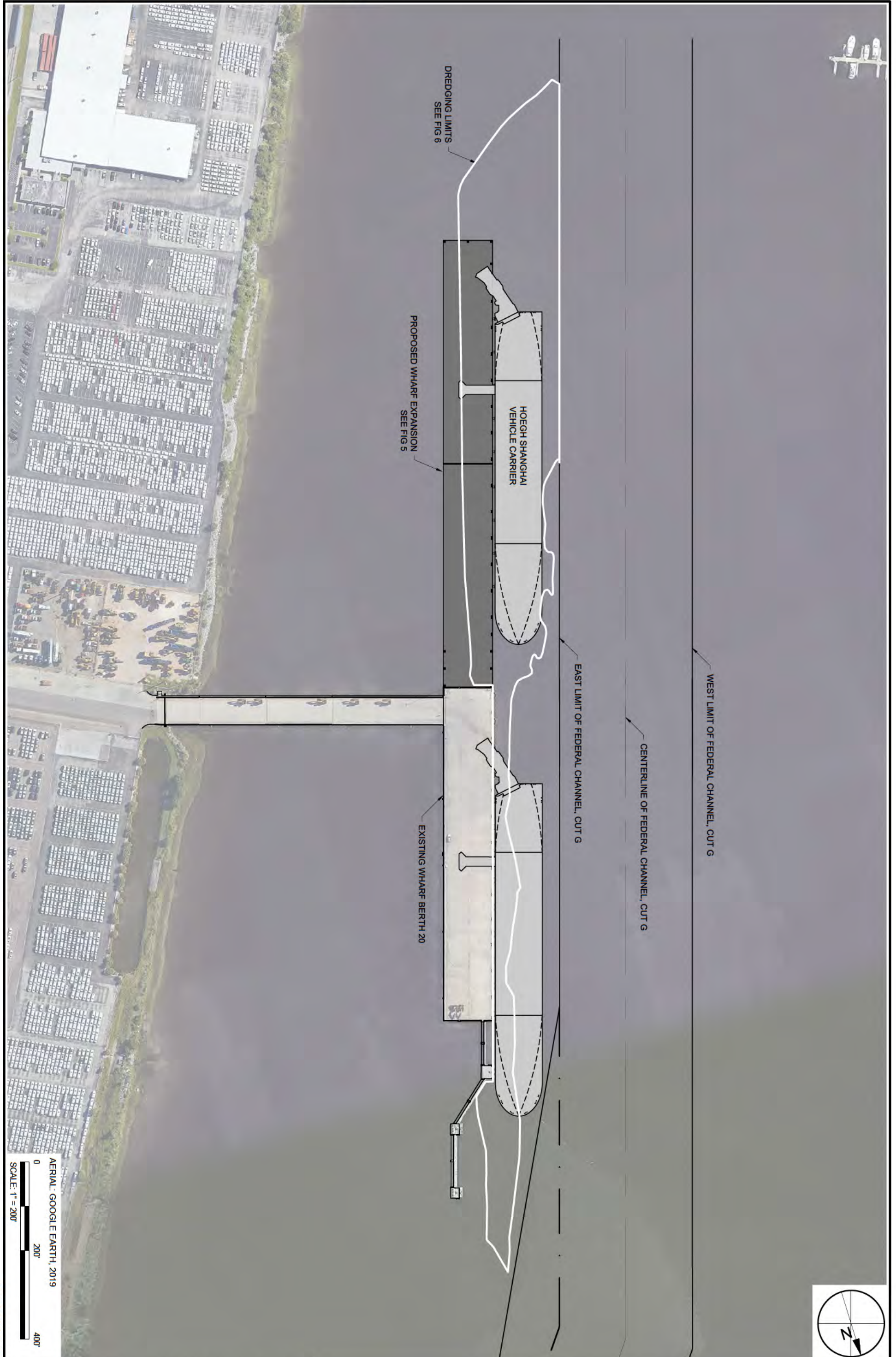
PROJECT	C2022-046	SEAL
DRAWN BY	AF	
SHEET	1 of 9	
DATE		

FIGURE 1
 TITLE SHEET
 BLOUNT ISLAND MARINE TERMINAL -- BERTH 20 WHARF
 EXPANSION
 DUVAL COUNTY, FLORIDA

TAYLOR ENGINEERING INC.
 10199 SOUTHSIDE BLVD SUITE 310
 JACKSONVILLE, FLORIDA 32256
 REGISTRY # 4815

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY KEITH A. KNIGHT P.E.# 58084 ON THE DATE ADJACENT TO THE SEAL. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.





PROPOSED WHARF EXPANSION
SEE FIG 5

DREDGING LIMITS
SEE FIG 6

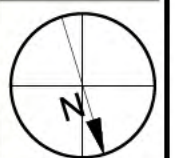
HOEGH SHANGHAI
VEHICLE CARRIER

EXISTING WHARF BERTH 20

EAST LIMIT OF FEDERAL CHANNEL, CUT G

CENTERLINE OF FEDERAL CHANNEL, CUT G

WEST LIMIT OF FEDERAL CHANNEL, CUT G



AERIAL: GOOGLE EARTH, 2019
SCALE: 1" = 200'

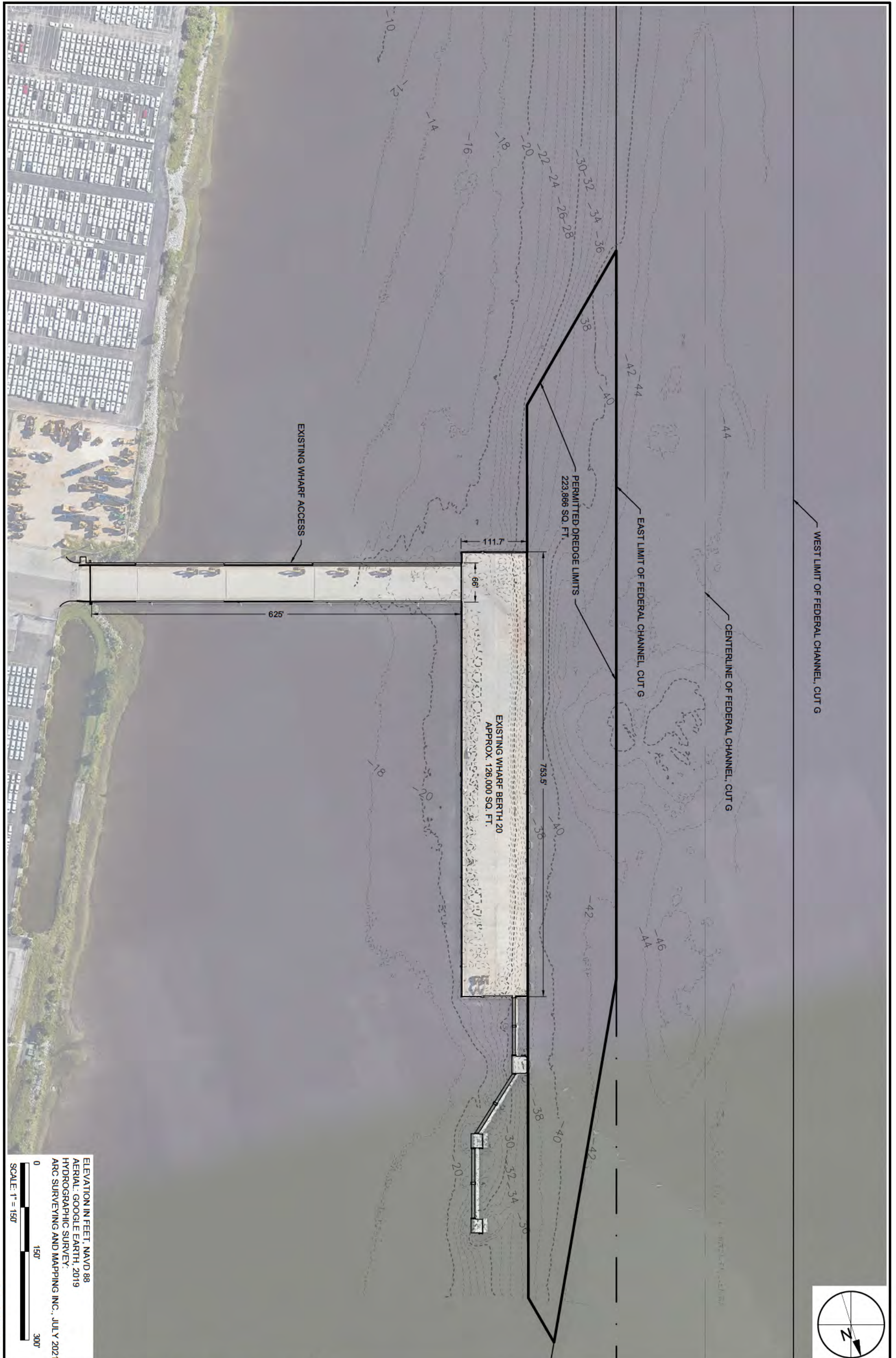


TAYLOR ENGINEERING INC.

10199 SOUTHSIDE BLVD SUITE 310
JACKSONVILLE, FLORIDA 32256
REGISTRY # 4815

FIGURE 3
PROJECT OVERVIEW
BLOUNT ISLAND MARINE TERMINAL -- BERTH 20 WHARF EXPANSION
DUVAL COUNTY, FLORIDA

PROJECT	C2022-046
DRAWN BY	AF
SHEET	3 of 9
DATE	APR 2023



ELEVATION IN FEET, NAVD 88
 AERIAL: GOOGLE EARTH, 2019
 HYDROGRAPHIC SURVEY:
 ARC SURVEYING AND MAPPING INC., JULY 2021
 SCALE: 1" = 150'

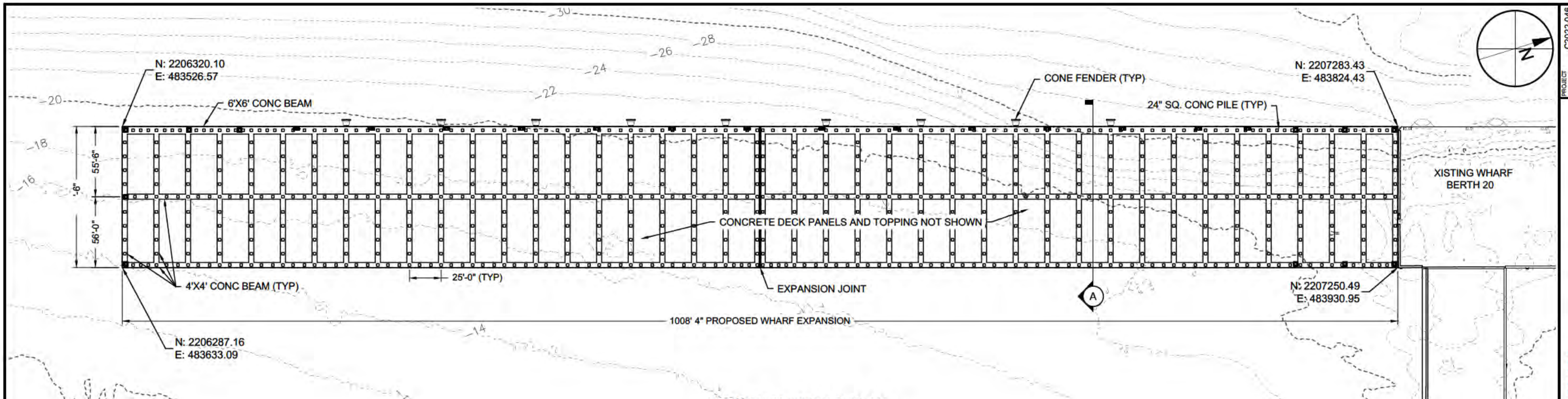
ATTACHMENT 1
 PAGE 12

TAYLOR ENGINEERING INC.
 10199 SOUTHSIDE BLVD SUITE 310
 JACKSONVILLE, FLORIDA 32256
 REGISTRY # 4815

FIGURE 4
 EXISTING CONDITIONS
 BLOUNT ISLAND MARINE TERMINAL -- BERTH 20 WHARF EXPANSION
 DUVAL COUNTY, FLORIDA

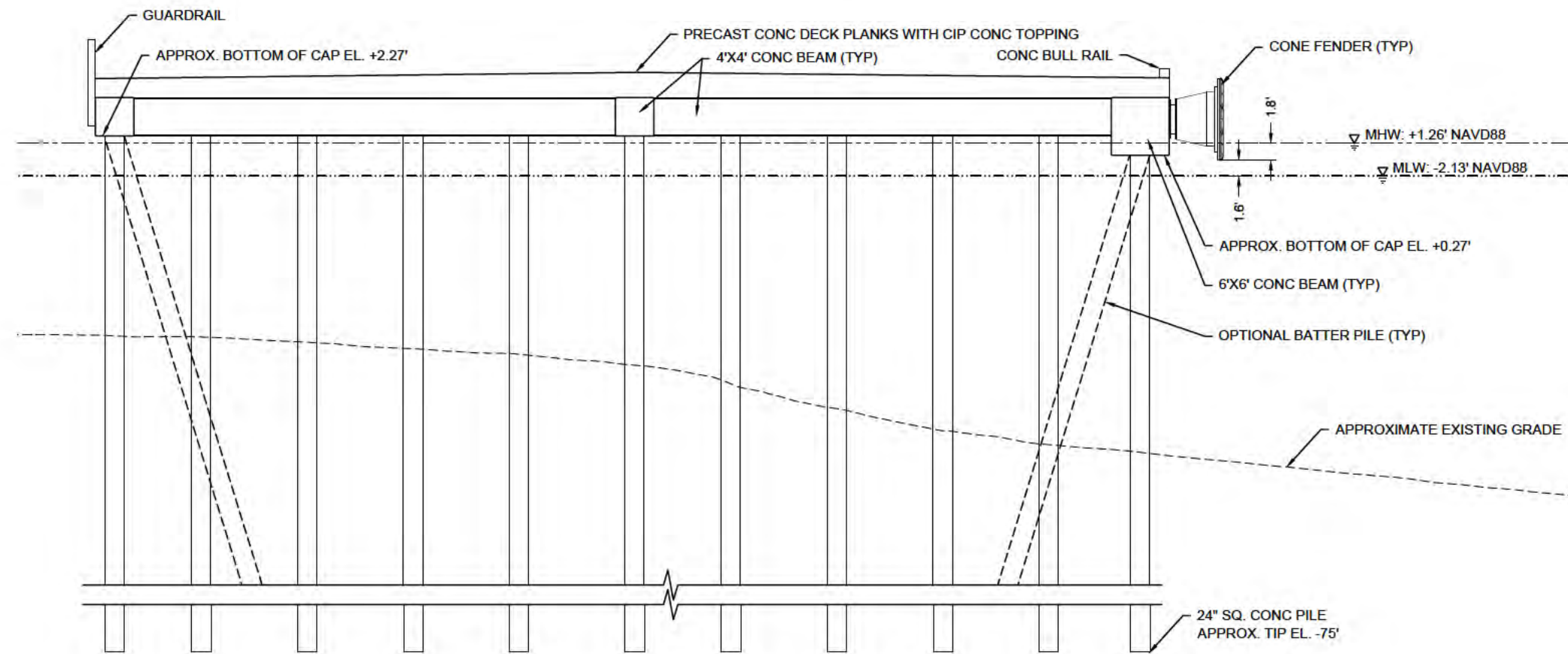
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SHEET	4 of 9
DATE	APR 2023

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WHARF EXPANSION PLAN

SCALE: 1" = 80'

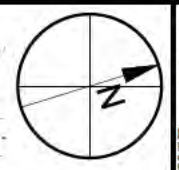


WHARF EXPANSION TYPICAL CROSS-SECTION

SCALE: 1" = 15'

0 15'

ELEVATION IN FEET, NAVD 88



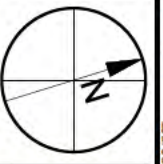
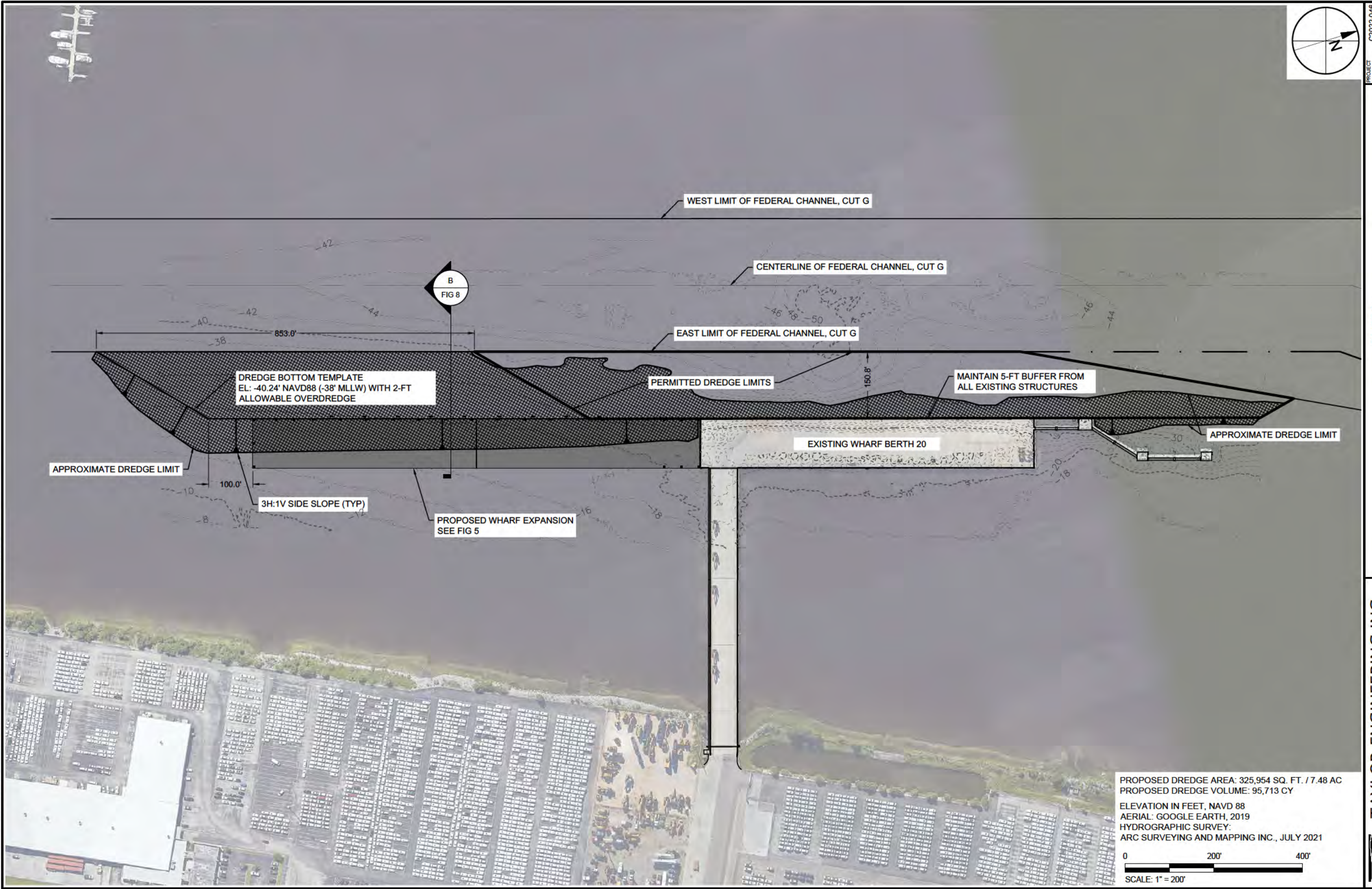
PROJECT	C2022-046
DRAWN BY	AF
SHEET	5 of 9
DATE	APR 2023

FIGURE 5
 WHARF EXPANSION PLAN AND CROSS-SECTION
 BLOUNT ISLAND MARINE TERMINAL - BERTH 20 WHARF EXPANSION
 DUVAL COUNTY, FLORIDA

TAYLOR ENGINEERING INC.
 10199 SOUTHSIDE BLVD SUITE 310
 JACKSONVILLE, FLORIDA 32256
 REGISTRY # 4815

PRELIMINARY DRAWINGS; THESE DRAWINGS ARE NOT IN FINAL FORM, BUT ARE BEING TRANSMITTED FOR AGENCY REVIEW.

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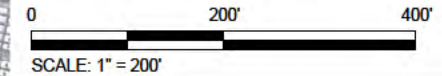


PROJECT: C2022-046
 DRAWN BY: AF
 SHEET: 6 of 9
 DATE: APR 2023

FIGURE 6
 DREDGING PLAN
 BLOUNT ISLAND MARINE TERMINAL -- BERTH 20 WHARF EXPANSION
 DUVAL COUNTY, FLORIDA

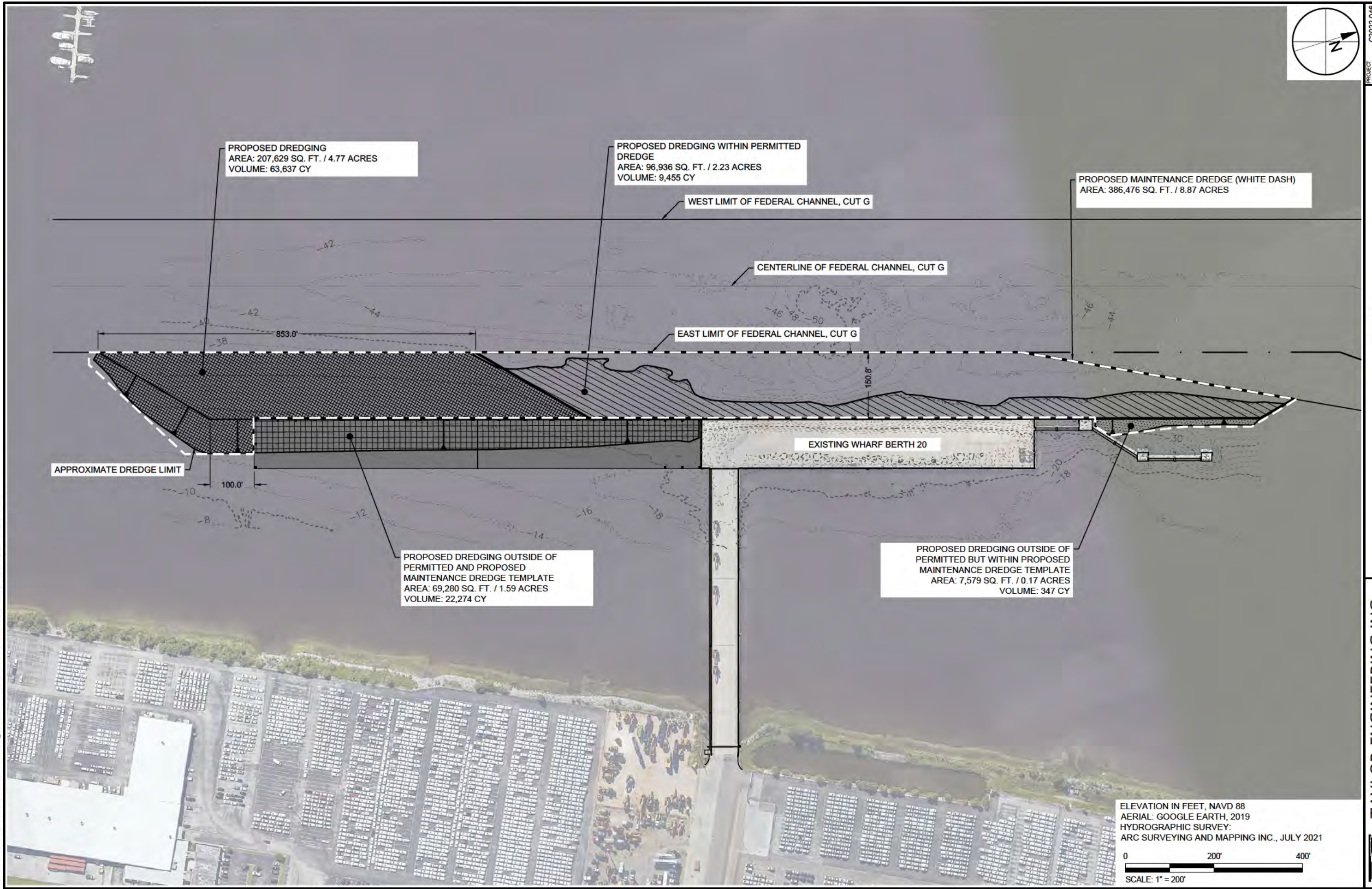
TAYLOR ENGINEERING INC.
 10199 SOUTHSIDE BLVD SUITE 310
 JACKSONVILLE, FLORIDA 32256
 REGISTRY # 4815

PROPOSED DREDGE AREA: 325,954 SQ. FT. / 7.48 AC
 PROPOSED DREDGE VOLUME: 95,713 CY
 ELEVATION IN FEET, NAVD 88
 AERIAL: GOOGLE EARTH, 2019
 HYDROGRAPHIC SURVEY:
 ARC SURVEYING AND MAPPING INC., JULY 2021



PRELIMINARY DRAWINGS: THESE DRAWINGS ARE NOT IN FINAL FORM, BUT ARE BEING TRANSMITTED FOR AGENCY REVIEW.

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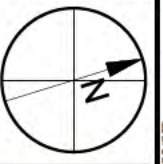
PROPOSED DREDGING
AREA: 207,629 SQ. FT. / 4.77 ACRES
VOLUME: 63,637 CY

PROPOSED DREDGING WITHIN PERMITTED
DREDGE
AREA: 96,936 SQ. FT. / 2.23 ACRES
VOLUME: 9,455 CY

PROPOSED MAINTENANCE DREDGE (WHITE DASH)
AREA: 386,476 SQ. FT. / 8.87 ACRES

PROPOSED DREDGING OUTSIDE OF
PERMITTED AND PROPOSED
MAINTENANCE DREDGE TEMPLATE
AREA: 69,280 SQ. FT. / 1.59 ACRES
VOLUME: 22,274 CY

PROPOSED DREDGING OUTSIDE OF
PERMITTED BUT WITHIN PROPOSED
MAINTENANCE DREDGE TEMPLATE
AREA: 7,579 SQ. FT. / 0.17 ACRES
VOLUME: 347 CY



PROJECT	C2022-046
DRAWN BY	AF
SHEET	7 of 9
DATE	APR 2023

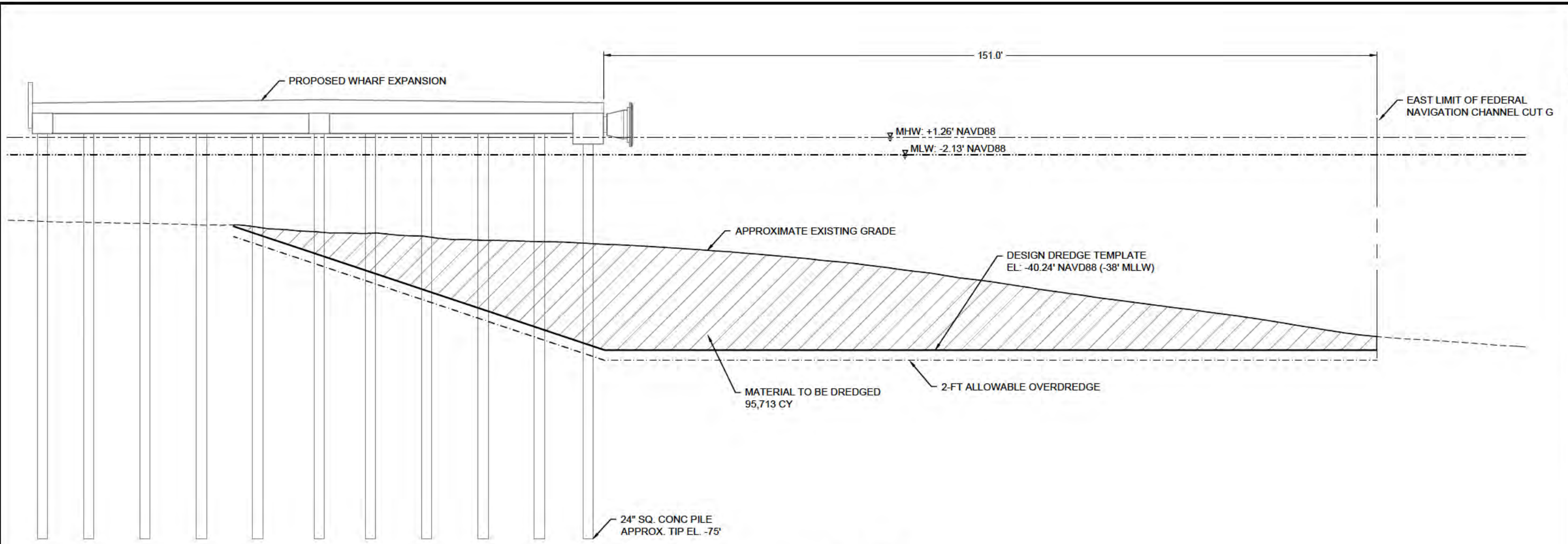
FIGURE 7
PERMITTED AND PROPOSED DREDGING LIMITS
BLOUNT ISLAND MARINE TERMINAL -- BERTH 20 WHARF EXPANSION
DUVAL COUNTY, FLORIDA

TAYLOR ENGINEERING INC.
10199 SOUTHSIDE BLVD SUITE 310
JACKSONVILLE, FLORIDA 32256
REGISTRY # 4815

ELEVATION IN FEET, NAVD 88
AERIAL: GOOGLE EARTH, 2019
HYDROGRAPHIC SURVEY:
ARC SURVEYING AND MAPPING INC., JULY 2021
0 200' 400'
SCALE: 1" = 200'

PRELIMINARY DRAWINGS: THESE DRAWINGS ARE NOT IN FINAL FORM, BUT ARE BEING TRANSMITTED FOR AGENCY REVIEW.

ANTON FLEWELLING X:\SYSTEMS\PROJECTS\C2022-046_BERTH20\PERMIT\C2022-046-P-DREDGE CROSS SECTION.DWG 4/11/2023 11:29:38 AM



(B) TYPICAL DREDGING CROSS-SECTION
 SCALE: 1" = 20'
 ELEVATION IN FEET, NAVD 88

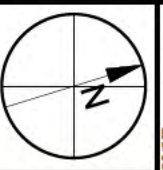
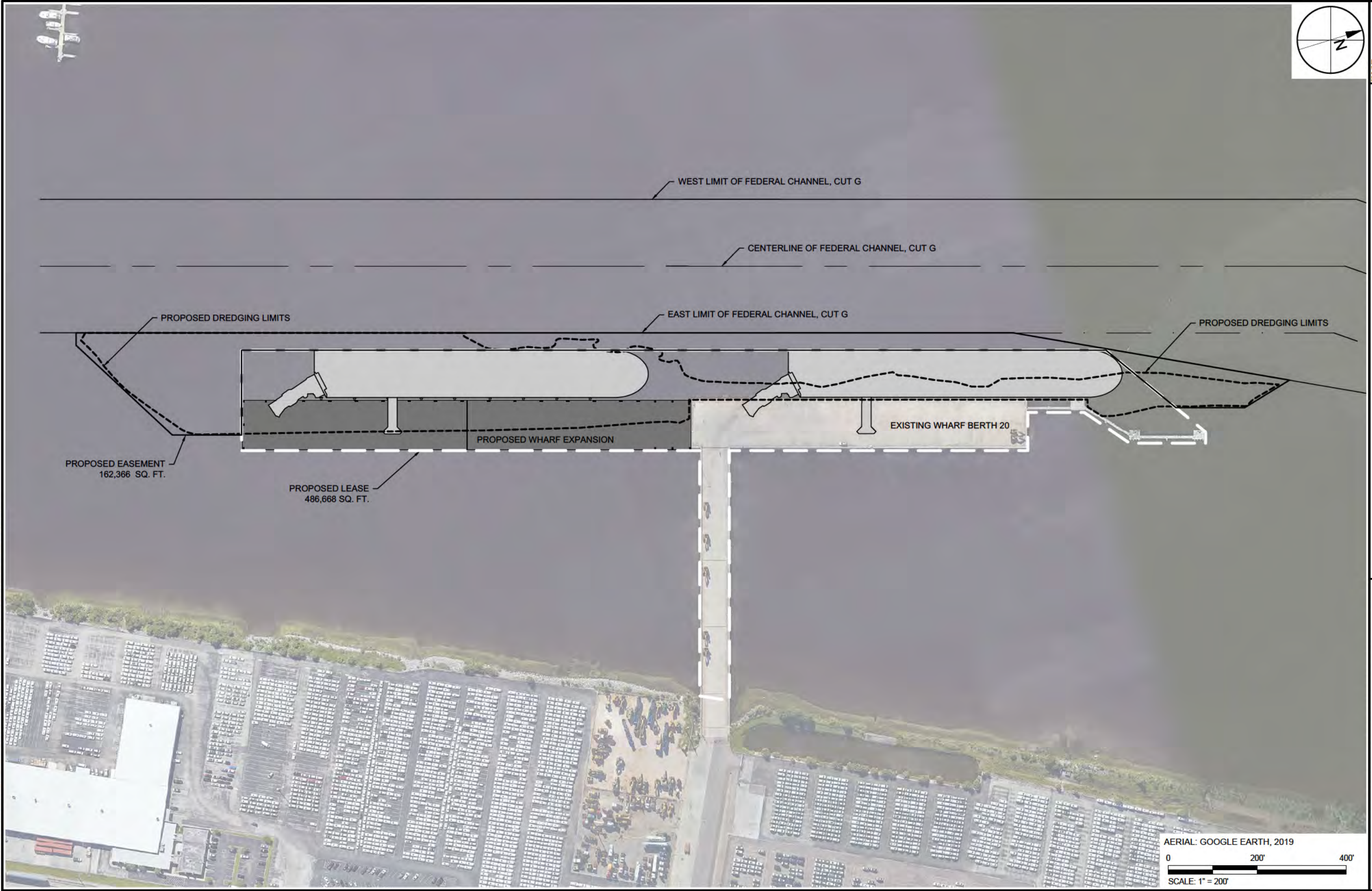
PROJECT	C2022-046
DRAWN BY	AF
SHEET	8 of 9
DATE	APR 2023

FIGURE 8
 DREDGING CROSS-SECTION
 BLOUNT ISLAND MARINE TERMINAL - BERTH 20 WHARF EXPANSION
 DUVAL COUNTY, FLORIDA

TAYLOR ENGINEERING INC.
 10199 SOUTHSIDE BLVD SUITE 310
 JACKSONVILLE, FLORIDA 32256
 REGISTRY # 4815

PRELIMINARY DRAWINGS; THESE DRAWINGS ARE NOT IN FINAL FORM, BUT ARE BEING TRANSMITTED FOR AGENCY REVIEW.

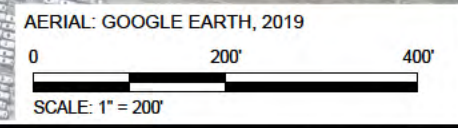
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PROJECT	C2022-046
DRAWN BY	AF
SHEET	9 of 9
DATE	APR 2023

FIGURE 9
 PROPOSED SUBMERGED LANDS LEASE AND EASEMENT PLAN
 BLOUNT ISLAND MARINE TERMINAL -- BERTH 20 WHARF EXPANSION
 DUVAL COUNTY, FLORIDA

TAYLOR ENGINEERING INC.
 10199 SOUTHSIDE BLVD SUITE 310
 JACKSONVILLE, FLORIDA 32256
 REGISTRY # 4815



PRELIMINARY DRAWINGS: THESE DRAWINGS ARE NOT IN FINAL FORM, BUT ARE BEING TRANSMITTED FOR AGENCY REVIEW.

**MAPS SHOWING A SKETCH TO ACCOMPANY DESCRIPTION:
FOR A PORTION OF SUBMERGED SOVEREIGN LANDS EASEMENT OF THE STATE OF FLORIDA
LYING ADJACENT TO THE BLOUNT ISLAND WEST CHANNEL OF THE ST. JOHNS RIVER,
UNSURVEYED SECTION 24, TOWNSHIP 1 SOUTH, RANGE 27 EAST,
DUVAL COUNTY, FLORIDA**



LEGEND

O.R.V.	OFFICIAL RECORDS VOLUME
PG.	PAGE
P.C.	POINT OF CURVATURE
P.T.	POINT OF TANGENCY
P.R.C.	POINT OF REVERSE CURVATURE
P.C.C.	POINT OF COMPOUND CURVATURE
LB	LICENSED BUSINESS
R/W	RIGHT OF WAY
MHWL	MEAN HIGH WATER LINE
[10.5']	TIE TO EASEMENT AREA

SURVEY NOTES

1. THIS MAP REPRESENTS A FIELD SURVEY DATED JULY 13, 2022.
2. BEARINGS SHOWN HEREON ARE BASED ON THE NORTH WESTERLY BULKHEAD LINE OF BLOUNT ISLAND S20°15'39"W AS IN ESTABLISHED BULKHEAD LINES PLAT BOOK 1, PAGE 32, DUVAL COUNTY, FLORIDA.
3. ALL DIMENSIONS SHOWN HEREON ARE IN FEET AND IN TENTHS AND ARE BASED ON THE U.S. SURVEY FOOT.
4. A TITLE COMMITMENT HAS NOT BEEN PROVIDED FOR THIS SURVEY.
5. NOTICE: THERE MAY BE ADDITIONAL RESTRICTIONS THAT ARE NOT SHOWN ON THIS SURVEY THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THIS COUNTY.
6. THERE IS NO SHORELINE IN THE EASEMENT AREA.
7. ELEVATIONS SHOWN HEREON ARE BASED UPON NORTH AMERICAN VERTICAL DATUM, 1988 (NAVD88).
8. THE MEAN HIGH WATER LINE IS LOCATED AS INSTRUCTED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION, BUREAU OF SURVEYING AND MAPPING, LABINS.ORG, AT ELEVATION 1.19' NAVD 1988 FOR INTERPOLATION TIDE POINT (TIP) No. 6023.

THIS SURVEY IS NOT COMPLETE WITHOUT ACCOMPANYING SHEETS 2 & 3.

**FOR: JACKSONVILLE PORT AUTHORITY
BERTH 20 - SOVEREIGN SUBMERGED LANDS EASEMENT**

ARC SURVEYING & MAPPING, INC.



5202 SAN JUAN AVENUE,
JACKSONVILLE, FLORIDA 32210
PHONE: 804/384-8377
LICENSED BUSINESS NO. 6487

DRAWN BY:	DATE:	FILE #:	JOB NO.
RJS	3/23/23	22-088 Berth 20 SSLE	21-088 SSLE

CERTIFIED TO

BOARD OF TRUSTEES OF THE INTERNAL IMPROVEMENT
TRUST FUND OF THE STATE OF FLORIDA
JACKSONVILLE PORT AUTHORITY

**Richard J
Sawyer, PSM**

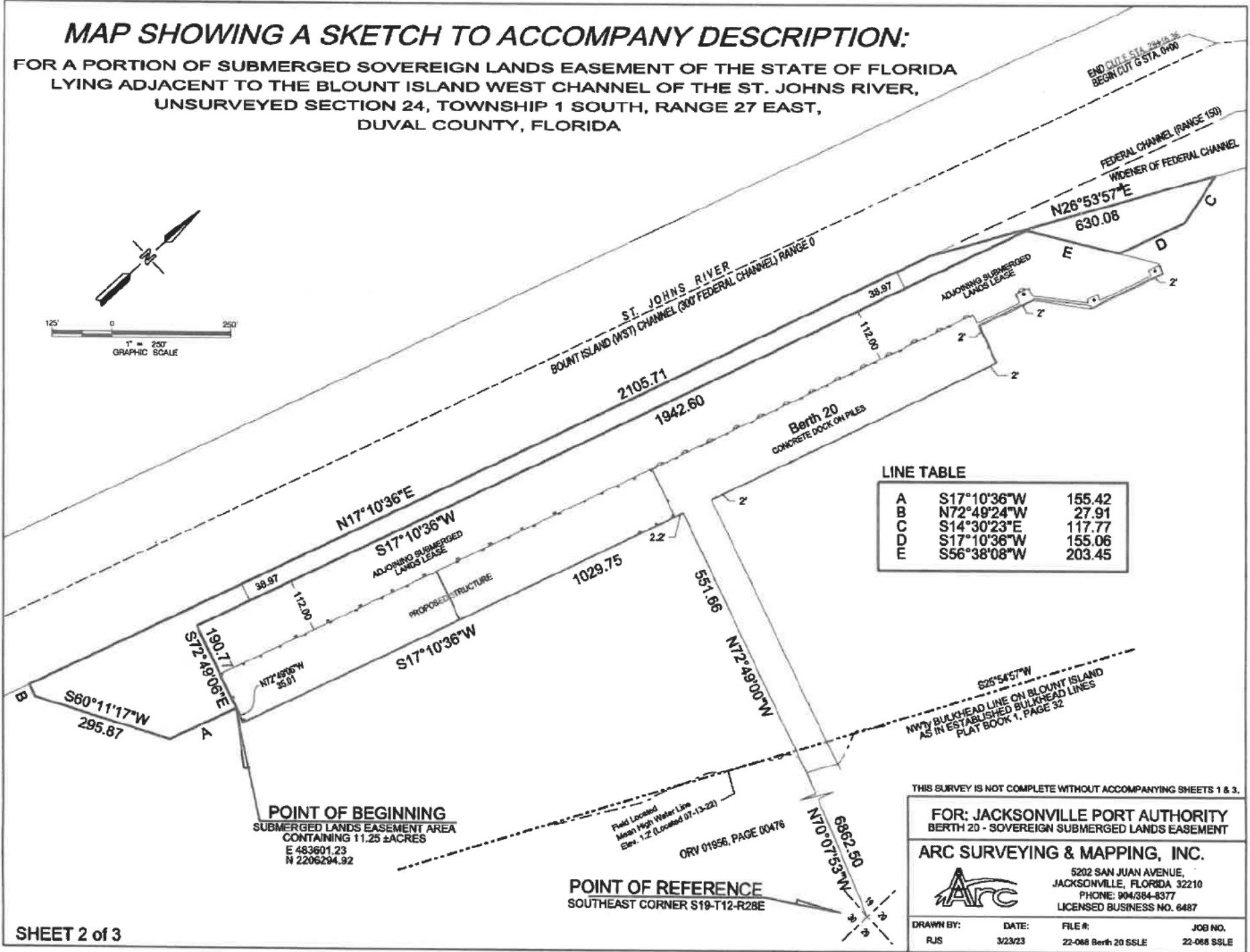
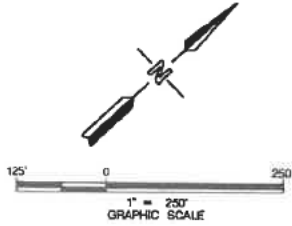
Digitally signed by Richard J
Sawyer, PSM
Date: 2023.07.18 11:50:04
-0400'

Richard J. Sawyer
Professional Surveyor and Mapper
Florida Certificate No. 6131



MAP SHOWING A SKETCH TO ACCOMPANY DESCRIPTION:

FOR A PORTION OF SUBMERGED SOVEREIGN LANDS EASEMENT OF THE STATE OF FLORIDA
 LYING ADJACENT TO THE BLOUNT ISLAND WEST CHANNEL OF THE ST. JOHNS RIVER,
 UNSURVEYED SECTION 24, TOWNSHIP 1 SOUTH, RANGE 27 EAST,
 DUVAL COUNTY, FLORIDA



LINE TABLE

A	S17°10'36"W	155.42
B	N72°49'24"W	27.91
C	S14°30'23"E	117.77
D	S17°10'36"W	155.06
E	S56°38'08"W	203.45

POINT OF BEGINNING
 SUBMERGED LANDS EASEMENT AREA
 CONTAINING 11.25 ± ACRES
 E 483601.23
 N 2206294.92

POINT OF REFERENCE
 SOUTHEAST CORNER S19-T12-R28E

S25°54'57"W
 NW1/4 BULKHEAD LINE ON BLOUNT ISLAND
 AS IN ESTABLISHED BULKHEAD LINES
 PLAT BOOK 1, PAGE 32

THIS SURVEY IS NOT COMPLETE WITHOUT ACCOMPANYING SHEETS 1 & 3.

FOR: JACKSONVILLE PORT AUTHORITY
 BERTH 20 - SOVEREIGN SUBMERGED LANDS EASEMENT

ARC SURVEYING & MAPPING, INC.

5202 SAN JUAN AVENUE,
 JACKSONVILLE, FLORIDA 32210
 PHONE: 904/364-8377
 LICENSED BUSINESS NO. 6487

DRAWN BY: RJS DATE: 3/23/23 FILE #: 22-088 Berth 20 SSLE JOB NO. 22-088 SSLE

MAPS SHOWING A SKETCH TO ACCOMPANY DESCRIPTION:

FOR A PORTION OF SUBMERGED SOVEREIGN LANDS EASEMENT OF THE STATE OF FLORIDA LYING ADJACENT TO THE BLOUNT ISLAND WEST CHANNEL OF THE ST. JOHNS RIVER, UNSURVEYED SECTION 24, TOWNSHIP 1 SOUTH, RANGE 27 EAST, DUVAL COUNTY, FLORIDA

A PARCEL OF SUBMERGED LANDS LYING ADJACENT TO THE BLOUNT ISLAND WEST CHANNEL OF THE ST. JOHNS RIVER, LOCATED IN UNSURVEYED SECTION 24, TOWNSHIP 1 SOUTH, RANGE 27 EAST, DUVAL COUNTY, FLORIDA AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE FOR A POINT OF REFERENCE AT THE SOUTHEAST CORNER OF SECTION 19, TOWNSHIP 1 SOUTH, RANGE 28 EAST, SAID DUVAL COUNTY AND PROCEED NORTH 70°07'53" WEST, A DISTANCE OF 6,862.50 FEET, TO A POINT LOCATED ON THE NORTHWESTERLY BULKHEAD LINE OF BLOUNT ISLAND, AS RECORDED IN ESTABLISHED BULKHEAD LINES, PLAT BOOK 1, PAGE 32 OF THE PUBLIC RECORDS OF DUVAL COUNTY, FLORIDA; THENCE CONTINUE ALONG SAID SOUTH LINE OF THE EXISTING CONCRETE DECK OF BERTH 20, NORTH 72°49'00" WEST A DISTANCE OF 551.66 FEET; THENCE DEPARTING THE SAID SOUTH LINE OF THE EXISTING CONCRETE DOCK OF BERTH 20, SOUTH 17°10'36" WEST A DISTANCE OF 1029.75; THENCE NORTH 72°49'06" WEST A DISTANCE OF 35.01 FEET AND THE POINT OF BEGINNING;

FROM THE POINT OF BEGINNING, PROCEED SOUTH 17°10'36" WEST, A DISTANCE OF 155.42; THENCE SOUTH 60°11'17" WEST, A DISTANCE OF 295.87 FEET; THENCE NORTH 72°49'24" WEST A DISTANCE OF 27.91 FEET TO A POINT THAT INTERSECTS THE EASTERLY LINE OF THE FEDERAL CHANNEL OF THE ST. JOHNS RIVER, ALSO BEING THE BLOUNT ISLAND (WEST) CHANNEL OF SAID ST. JOHNS RIVER; THENCE ALONG THE SAID EASTERLY LINE OF THE FEDERAL CHANNEL OF THE ST. JOHNS RIVER NORTH 17°10'36" EAST A DISTANCE OF 2105.71; THENCE CONTINUE ALONG THE SAID EASTERLY LINE OF THE BLOUNT ISLAND FEDERAL CHANNEL NORTH 26°53'57" EAST A DISTANCE OF 630.08 FEET; THENCE DEPARTING SAID EASTERLY LINE OF THE FEDERAL CHANNEL SOUTH 14°30'23" EAST A DISTANCE OF 117.77 FEET; THENCE SOUTH 17°10'36" WEST A DISTANCE OF 155.06 FEET AND THE INTERSECTION OF THE ADJOINING BERTH 20 SUBMERGED LANDS LEASE; THENCE SOUTH 56°38'08" WEST A DISTANCE OF 203.45 FEET; THENCE SOUTH 17°10'36" WEST A DISTANCE OF 1942.60 FEET; THENCE SOUTH 72°49'06" EAST A DISTANCE OF 190.77 FEET AND POINT OF BEGINNING. CONTAINING 3.73 ACRES (162,366 SQUARE FEET), MORE OF LESS.

BSM REVIEWED
By sw Date 7/20/23

THIS SURVEY IS NOT COMPLETE WITHOUT ACCOMPANYING SHEETS 2 & 3.

FOR: JACKSONVILLE PORT AUTHORITY
BERTH 20 - SOVEREIGN SUBMERGED LANDS EASEMENT

ARC SURVEYING & MAPPING, INC.



5202 SAN JUAN AVENUE,
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RJS	3/23/23	22-088 Berth 20 SSLE	21-088 SSLE

SHEET 3 of 3



FLORIDA DEPARTMENT OF Environmental Protection

Northeast District
8800 Baymeadows Way West, Suite 100
Jacksonville, Florida 32256

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Shawn Hamilton
Secretary

In the matter of an Application for a Permit/Water Quality Certification and Authorization to Use Sovereign Submerged Lands by:

APPLICANT:

Jacksonville Port Authority
Kelsey Cox, Senior Director
2831 Tallyrand Avenue
Jacksonville, Florida 32206

FILE No.: 16-0433780-001-EI

LEASE NO.: 160366662

EASEMENT NO.: 160366672 #42974

COUNTY: Duval

PROJECT NAME: Jaxport Berth 20 Expansion

CONSOLIDATED NOTICE OF INTENT TO ISSUE ENVIRONMENTAL RESOURCE PERMIT LEASE AND EASEMENT TO USE SOVEREIGN SUBMERGED LANDS

The Department of Environmental Protection (Department) gives notice of its intent to issue an Environmental Resource Permit (ERP) in accordance with Part IV of Chapter 373, Florida Statutes (F.S.), and Chapter 62-330, Florida Administrative Code (F.A.C.) (draft copy of permit attached). Issuance of the ERP constitutes certification of compliance with state water quality standards pursuant to section 401 of the Clean Water Act U.S.C. § 1341 and a finding of consistency with Florida's Coastal Zone Management Program, as required by Section 307 of the Coastal Zone Management Act, 16 U.S.C. § 1456, unless expressly waived by the final permit.

The Department of Environmental Protection (Department) also gives notice of its intent to grant a lease and public easement to use sovereign submerged lands for the proposed activity, under Article X, Section 11 of the Florida Constitution, Chapter(s) 253, and 258, F.S., Title 18, F.A.C., and the policies of the Board of Trustees, as described, below subject to any fees, special lease, easement, or consent of use conditions. The actual terms of the lease and public easement will be formally executed at a later date and shall include provisions for rents and such other provisions as normally are included in such lease and public easement.

I. DESCRIPTION OF THE PROPOSED ACTIVITY

The applicant, Jacksonville Port Authority, applied on April 12, 2023, to the Department of Environmental Protection for a permit, water quality certification and authorization to use

sovereign submerged lands owned by the Board of Trustees of the Internal Improvement Trust Fund (Board of Trustees) to construct a 111 ft 6 in by 1,008 ft 4 in expansion to the existing, permitted wharf and to dredge 95,713 cubic yards of material to accommodate the mooring of larger vessels to meet importing and exporting economic demands. The proposed project will take place within the waterward extent of the St. Johns River, a Class III waterbody, and will include a 5-year sovereignty submerged land lease containing 486,668 square feet and a 25-year public easement containing 162,366 square feet. In total, the proposed activities include the mooring of two vessels, compromising 649,034 square feet of preemption of state-owned sovereignty submerged lands.

The activity is located at 9620 Dave Rawls Boulevard (parcel ID 160243-0100), Jacksonville, Florida 32226, in Section 19 and 24, Township 1 South, Range 27 and 28 East, at latitude 30° 24' 14.83" North, longitude 81° 32' 47.37" West, in Duval County.

The activity includes consideration of an application for a 5-year sovereignty, submerged land lease containing 486,668 square feet and a 25-year public easement containing 162,366 square feet, more or less. Pursuant 253.77(4), F.S., Jacksonville Port Authority will not be required to pay annual lease fees.

Total for Lease and Easement 649,034 square feet, 14.9 acres
Lease for Docking Structure and berth: 486,668 square feet, 11.17 acres
Easement for Dredge outside of lease area: 162,366 square feet, 3.73 acres

II. AUTHORITY FOR REVIEW

The Department is authorized to grant this permit pursuant to Part IV of Chapter 373, F.S., and Chapter 62-330, F.A.C. The activity is not exempt from the requirement to obtain an Environmental Resource Permit. Pursuant to Operating Agreements executed between the Department and the water management districts, as referenced in Chapter 62-113, F.A.C., the Department is responsible for reviewing and taking final agency action on this activity.

The activity also requires a proprietary authorization, as it is located on sovereign submerged lands owned by the Board of Trustees. The activity is not exempt from the need to obtain a proprietary authorization. Pursuant to Article X, Section 11 of the Florida Constitution, Sections 253.002 and 253.77, F.S., Sections 18-21.0040, 18-21.0051, XX 18-18, 62-330.075, F.A.C., the policies of the Board of Trustees, and the Operating Agreements executed between the Department and the water management districts, as referenced in Chapter 62-113, F.A.C., the Department is responsible for reviewing and taking final agency action on this request for proprietary authorization.

III. BACKGROUND/BASIS FOR ISSUANCE

A. General

On September 25, 1996, the Florida Department of Environmental Protection issued permit 16-282917-9 to Jacksonville Port Authority, authorizing the construction of a wharf and associated

dredging. The current existing structure is a portion of that originally proposed authorization of a similar “T” construction footprint as is now being proposed. The original authorization granted Jacksonville Port Authority a proprietary authorization of Consent to Use.

The dock was constructed in part and has since served as a major point of import and export for the city of Jacksonville.

Regulatory Basis of Issuance

I. Conditions for Issuance of Individual and Conceptual Approval Permits

a. Section 62-330.301, F.A.C – An applicant must provide reasonable assurance that the construction, alteration, operation, maintenance, removal, or abandonment of the projects regulated under this chapter:

1. Will not cause adverse water quantity impacts to receiving waters and adjacent lands;

The proposed project is for the 112,430 square foot (2.58 acres) expansion of an existing 131,868 square foot (3.027 acres) port facility that currently houses one vessel as well as the dredging of 95,713 cubic yards of material to maintain a dredge depth of -38ft Mean Lowest Low Water. This work will be performed to accommodate two 750 ft. Length Overall Roll-On/Roll-Off vessels.

The dredge material taken from the St. Johns River will be transported to an approved DMMA. Considering the volume of the St. Johns River, the removal of the dredge material and the installation of the piles will cause minimal impact to water quantity.

2. Will not cause adverse flooding to on-site or off-site property;

The proposed project is for the 112,430 square foot (2.58 acres) expansion of an existing 131,868 square foot (3.027 acres) port facility that currently houses one vessel as well as the dredging of 95,713 cubic yards of material to maintain a dredge depth of -38ft Mean Lowest Low Water. This work will be performed to accommodate two 750 ft. Length Overall Roll-On/Roll-Off vessels.

The dredge material taken from the St. Johns River will be transported to an approved DMMA. Considering the volume of the St. Johns River, the removal of the dredge material and the installation of the piles will cause minimal impact to water quantity and will not cause adverse flooding to on-site or off-site property.

3. Will not cause adverse impacts to existing surface water storage and conveyance capabilities;

The proposed project is for the 112,430 square foot (2.58 acres) expansion of an existing 131,868 square foot (3.027 acres) port facility that currently houses one vessel as well as the dredging of 95,713 cubic yards of material to maintain a dredge

depth of -38ft Mean Lowest Low Water. This work will be performed to accommodate two 750 ft. Length Overall Roll-On/Roll-Off vessels.

The wharf will be constructed on pile supports with minimal impediment to the existing flow of water and thus will not cause adverse impacts to existing water storage and conveyance capabilities.

4. Will not adversely impact the maintenance of surface or ground water levels or surface water flows established pursuant to Section 373.042, F.S.

The proposed project is for the 112,430 square foot (2.58 acres) expansion of an existing 131,868 square foot (3.027 acres) port facility that currently houses one vessel as well as the dredging of 95,713 cubic yards of material to maintain a dredge depth of -38ft Mean Lowest Low Water. This work will be performed to accommodate two 750 ft. Length Overall Roll-On/Roll-Off vessels.

The dredge material taken from the St. Johns River will be transported to an approved DMMA and will cause minimal impact to water levels. The wharf will be constructed on pile supports with minimal impediment to the existing flow of water and thus will not cause adverse impacts to surface water flow.

5. Will not cause adverse impacts to a Work of the District established pursuant to Section 373.086, F.S.;

Project is not located near a Work of the District.

6. Will be capable, based on generally accepted engineering and scientific principles, of performing and functioning as proposed;

The project has been designed and reviewed by a professional engineering company and should function and perform as proposed.

7. Will comply with any applicable special basin or geographic area criteria;

Work being done will be within the Northern St Johns River and Northern Coastal-St Johns River water management district basin. There is no noted special basin or geography area criteria for this location.

II. Environmental Conditions for Issuance

1. Elimination or Reduction of Impacts – 10.2.1, A.H. Vol. I –

The site has a lack of natural resources with minimal adverse impacts to wetlands or surface waters. Taylor environmental noted barnacles on the existing piles upon their site inspection, but no other natural resources. Construction of the proposed structure will avoid impacts to submerged aquatic or wetland vegetation.

The proposed structure has been designed with the minimal practicable area to accomplish the goals of the project. The proposed dredging is the minimal

practicable amount in order to allow safe ingress and egress of the 750 ft Length Overall Roll-On/Roll-Off vessels.

Jacksonville Port Authority will implement best management practices in order to avoid adverse impacts to water quality and will adhere to construction guidelines set forth in the permit.

2. Fish, Wildlife, Listed Species, and their Habitat – 10.2.2, A.H. Vol. I, 10.1.1(a), A.H. Vol. I –

The Department of Environmental Protections GIS database, Map Direct, was reviewed for listed species within the project area and none were noted. Based on a desktop review, the following threatened or endangered species may occur within the project area:

Green Sea Turtle (*Chelonia mydas*), Hawksbill Sea Turtle (*Eretmochelys imbricata*), Leatherback Sea Turtle (*Dermochelys coriacea*), Loggerhead Sea Turtle (*Caretta caretta*), and West Indian Manatee (*Trichechus manatus*).

The project area is sufficiently far from the inlet and does not contain appropriate foraging or nesting habitats and thus will likely not affect Sea Turtles. The project is within the JAXPORT operations area and has no viable feeding or nursery habitat for Manatees. Construction will comply with the Standard Manatee Conditions for In-Water Work (2011) and design modifications such as wharf fenders and pipe covers have been implemented to avoid adverse impacts to manatees. FWC provided conditions to reduce the risk of crushing a manatee that are included in the permit.

3. Water quantity, impacts to wetlands and other surface waters – 10.2.2.4, A.H. Vol. I –

The proposed project is for the 112,430 square foot (2.58 acres) expansion of an existing 131,868 square foot (3.027 acres) port facility that currently houses one vessel as well as the dredging of 95,713 cubic yards of material to maintain a dredge depth of -38ft Mean Lowest Low Water. This work will be performed to accommodate two 750 ft. Length Overall Roll-On/Roll-Off vessels. The dredge material taken from the St. Johns River will be transported to an approved DMMA. Considering the volume of the St. Johns River, the removal of the dredge material and the installation of the piles will cause minimal impact to water quantity.

The project area lacks natural resources and will not cause adverse impacts to wetlands or other surface waters. Best management practices will be implemented to ensure no adverse impacts to water quality during construction.

III. Public Interest Test – Chapter 373.414(1)(a), F.S., Paragraph 62-330.302(1)(a), F.A.C., 10.2.3, A.H. Vol. I –

10.1.1(a) A regulated activity located in, on, or over wetlands or other surface waters will not be contrary to the public interest, or if such an activity significantly degrades or is within an Outstanding Florida Water, that the regulated activity will be clearly in the public interest [subsection 62-330.302(1), F.A.C.];

The Agency shall consider and balance, and an applicant must address, the following criteria:

a. Whether the activity will adversely affect public health, safety, or welfare or the property of others;

The project will support the growing import and export operations at the Blount Island Marine Terminal and help bolster the Jacksonville economy. The project will not adversely impact the welfare or property of others.

b. Whether the activity will adversely affect the conservation of fish and wildlife and their habitats;

The Department of Environmental Protections GIS database, Map Direct, was reviewed for listed species within the project area and none were noted. Based on a desktop review, the following threatened or endangered species may occur within the project area:

Green Sea Turtle (*Chelonia mydas*), Hawksbill Sea Turtle (*Eretmochelys imbricata*), Leatherback Sea Turtle (*Dermochelys coriacea*), Loggerhead Sea Turtle (*Caretta caretta*), and West Indian Manatee (*Trichechus manatus*).

The project area is sufficiently far from the inlet and does not contain appropriate foraging or nesting habitats and thus will likely not affect Sea Turtles. The project is within the JAXPORT operations area and has no viable feeding or nursery habitat for Manatees. Construction will comply with the Standard Manatee Conditions for In-Water Work (2011) and design modifications such as wharf fenders and pipe covers have been implemented to avoid adverse impacts to manatees. FWC provided conditions to reduce the risk of crushing a manatee that are included in the permit.

c. Whether the activity will adversely affect Navigation or the flow of water or cause harmful erosion or Shoaling;

The proposed dredging to a depth of -38 ft MLLW with a 2 ft allowable overdredge will allow safe ingress and egress to vessels docking at the facility. The proposed expansion will not adversely affect navigation and the pile supported structure will only minimally impact the existing water flow. No erosion or shoaling has occurred at the existing facility that was constructed in 1996 and none is anticipated to occur with the proposed construction.

d. Whether the activity will adversely affect the fishing or recreational values or marine productivity in the vicinity of the activity;

The project location and surrounding areas are owned by JAXPORT and do not currently provide fishing or recreational value or have suitable foraging or nesting habitats for marine life.

e. **Whether the activity is temporary or permanent in nature;**

The project is permanent.

f. **Whether the activity will adversely affect or will enhance significant historical and archeological resources;**

DHR has not provided comments at this time. The following Special Conditions will be included within the permit:

“If prehistoric or historic artifacts, such as pottery or ceramics, projectile points, stone tools, dugout canoes, metal implements, historic building materials, or any other physical remains that could be associated with Native American, early European, or American settlement are encountered at any time within the project site area, the permitted project shall cease all activities involving subsurface disturbance in the vicinity of the discovery. The permittee or other designee shall contact the Florida Department of State, Division of Historical Resources, Compliance Review Section (DHR), at (850)245-6333, as well as the appropriate permitting agency office. Project activities shall not resume without verbal or written authorization from the Division of Historical Resources. If unmarked human remains are encountered, all work shall stop immediately and the proper authorities notified in accordance with section 872.05, F.S. For project activities subject to prior consultation with the DHR and as an alternative to the above requirements, the permittee may follow procedures for unanticipated discoveries as set forth within a cultural resources assessment survey determined complete and sufficient by DHR and included as a specific permit condition herein.”

g. **The current condition and relative value of functions being performed by areas affected by the proposed activity.**

Currently, an existing 131,868 square foot (3.027 acre) port facility has the capability to house one vessel. Maintenance dredging occurs at the existing site to maintain adequate water depths in the berthing area. The project takes place on Blount Island Marine Terminal with several adjacent docking facilities.

VI. Water Quality – 10.2.4, A.H. Vol. I –

1. Short term water quality considerations – 10.2.4.1, A.H. Vol. I –

All short-term and long-term water quality protection measures required by the ERP permit will be implemented and maintained in compliance throughout construction and the life of the project. During construction, the necessary BMP's will be implemented to ensure water quality standards are maintained. Permit conditions will require monitoring of water quality during constructions and the

dredge event. If a water quality violation is found, the contractor will cease work and modify work procedures responsible for the violation.

2. Long term water quality considerations – 10.2.4.2, A.H. Vol. I –

All short-term and long-term water quality protection measures required by the ERP permit will be implemented and maintained in compliance throughout construction and the life of the project. During construction, the necessary BMP's will be implemented to ensure water quality standards are maintained. Permit conditions will require monitoring of water quality during constructions and the dredge event. If a water quality violation is found, the contractor will cease work and modify work procedures responsible for the violation.

The dredge depth of -38 ft MLLW falls in line with the existing dredged area and the dredged material will be transported to an approved DMMA.

3. Additional Water Quality considerations for docking facilities – 10.2.4.3, A.H. Vol. I –

This project is for the expansion of an existing wharf to facilitate the mooring of two 750 ft. Length Overall Roll-On/Roll-Off vessels. A monitoring plan and BMP's will be in place to ensure water quality standards are not violated by the project.

4. Mixing Zones – 10.2.4.4, A.H. Vol. I –

Permit conditions will include a monitoring plan to ensure water quality will be maintained during the dredge event. The contractor shall monitor turbidity levels and if at any time, turbidity levels exceed 29 NTU's above background levels, the contractor will cease operations that caused the water quality violation and will modify the work procedures responsible for the violation. The contractor will not resume work until turbidity decreases to be within acceptable levels.

5. Where Ambient Water Quality Does Not Meet Standards – 10.2.4.4, A.H. Vol. I –

The project is located within "Impaired Waters" defined as: Lower St. Johns (WBID#: 2213C). The impairment pollutants were identified as Copper and Iron. The project will not further adversely impact water quality.

VII. Class II Waters; Waters Approved for Shellfish Harvesting – 10.2.5 A.H. Vol. I –

The project is not located in a Class II surface water.

VIII. Vertical Seawalls – 10.2.6 A.H. Vol. I –

Project is for the expansion of an existing wharf and does not involve the construction of a vertical seawall.

IX. Secondary Impacts – 10.2.7 A.H. Vol. I –

No submerged aquatic vegetation or wetland vegetation is found within the project area. The project area is sufficiently far from the inlet and does not contain

appropriate foraging or nesting habitats and thus will likely not affect Sea Turtles. The project is within the JAXPORT operations area and has no viable feeding or nursery habitat for Manatees. Construction will comply with the Standard Manatee Conditions for In-Water Work (2011) and design modifications such as wharf fenders and pipe covers have been implemented to avoid adverse impacts to manatees. FWC provided conditions to reduce the risk of crushing a manatee that are included in the permit. Therefore, it has been determined that the applicant has provided sufficient reasonable assurance that the proposed activities will not result in unacceptable secondary impacts.

X. Cumulative Impacts– 10.2.8 A.H. Vol. I –

No submerged aquatic vegetation or wetland vegetation is found within the project area. Permit conditions will include a monitoring plan to ensure water quality will be maintained during the dredge event. Therefore, it has been determined that the project will not cause any unacceptable cumulative impacts upon wetlands and other surface waters.

XI. Mitigation – 10.3 A.H. Vol. I –

Mitigation is not required for this project as work will be conducted waterward of the MHWL.

Proprietary Basis of Issuance

The upland parcel associated with the dredge and docking facility is owned by Jacksonville Port Authority under Deed Number 24653 (2003-16).

On **TBD** the Board of Trustees granted authority for the Department, acting as staff to the Board in accordance with Sections 253.002, F.S., to proceed with issuance of a lease and a public easement for the use for the activity described.

The final documents required to execute the lease and public easement will be sent to the lessee/grantee by the Department's Division of State Lands for execution after issuance of the final permit. The Department intends to issue the lease and public easement, upon satisfactory execution of those documents, including payment of required fees and compliance with the conditions in the previously issued Recommended Consolidated Intent to Issue lease and public easement.

B. Specific Regulatory Basis for Issuance

The Department has determined, based on the information currently on file and the general and specific conditions included within the attached draft permit, the applicant has provided reasonable assurance that the construction, including the direct, secondary and cumulative impacts, will comply with the provisions of Part IV of Chapter 373, F.S., and the rules adopted thereunder, including the Conditions for Issuance of an environmental resource permit, as provided in Chapter 62-330, F.A.C., and Applicant's Handbook, Volumes I and II (as

applicable). The construction and operations of the activity will not result in violations of the water quality standards set forth in Chapters 62-4, 62-302, 62-520, 62-522, and 62-550, F.A.C. Although the applicant is unable to meet water quality standards because existing ambient water quality does not meet standards, the applicant has demonstrated, pursuant to paragraph 373.414(1)(b), F.S., that the activity will provide for a net improvement of the water quality in the receiving body of water for those parameters which do not meet standards. The applicant has also demonstrated that the construction of the activity, including a consideration of the direct, secondary and cumulative impacts, is not contrary to the public interest, pursuant to Section 373.414(1)(a), F.S.

C. Specific Proprietary Basis for Issuance

Through the above and based on the general and/or specific conditions to the lease and easement, the applicant has met all applicable requirements for proprietary authorizations to use sovereign submerged lands, pursuant to Article X, Section 11 of the Florida Constitution, Chapter(s) 253 and 258, F.S., associated rule(s) 18-21, F.A.C., and the policies of the Board of Trustees. The applicant has provided reasonable assurance that the activity:

- (1) is "not contrary to the public interest"
- (2) will maintain essentially natural conditions;
- (3) will not cause adverse impacts to fish and wildlife resources or public recreation or navigation; and
- (4) will not interfere with the riparian rights of adjacent property owners.

IV. PUBLICATION OF NOTICE

The Department has determined that the proposed activity, because of its size, potential effect on the environment or the public, controversial nature, or location, is likely to have a heightened public concern or likelihood of request for administrative proceedings. Therefore, pursuant to Subsection 373.413(4), F.S. and section 5.5.5.3 of Applicant's Handbook, Volume I, you (the applicant) are required to publish at your own expense this Notice of Intent to Issue. The notice is required to be published one time, in the legal ad section in a newspaper or newspapers of general circulation in the areas affected. For the purpose of this rule, "publication in a newspaper of general circulation in the area affected" means publication in a newspaper meeting the requirements of Sections 50.011 and 50.031, F.S., in the county where the activity is to take place. The applicant shall provide proof of publication to:

Florida Department of Environmental Protection
Katie Sula Miller
8800 Baymeadows Way West, Suite 100
Jacksonville, Florida 32256
Katie.Miller@FloridaDEP.gov

The proof of publication shall be provided to the above address within 30 days of issuance of intended agency action, or within 21 days of the date of publication, whichever occurs sooner.

Failure to publish the notice and provide proof of publication within the allotted time shall be grounds for denial of the permit lease and easement to use sovereign submerged lands.

V. RIGHTS OF AFFECTED PARTIES

The Department will issue the environmental resource permit (draft permit attached) lease and easement to use sovereign submerged lands, unless a timely petition for an administrative proceeding (hearing) is filed under sections 120.569 and 120.57, Florida Statutes, before the deadline for filing a petition. On the filing of a timely and sufficient petition, this action will not be final and effective until further order of the Department. Because the administrative hearing process is designed to formulate final agency action, the subsequent order may modify or take a different position than this action.

Petition for Administrative Hearing

A person whose substantial interests are affected by the Department's action may petition for an administrative proceeding (hearing) under sections 120.569 and 120.57, Florida Statutes. Pursuant to rule 28-106.201, Florida Administrative Code, a petition for an administrative hearing must contain the following information:

- (a) The name and address of each agency affected and each agency's file or identification number, if known;
- (b) The name, address, any email address, any facsimile number, and telephone number of the petitioner; the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests are or will be affected by the agency determination;
- (c) A statement of when and how the petitioner received notice of the agency decision;
- (d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;
- (e) A concise statement of the ultimate facts alleged, including the specific facts that the petitioner contends warrant reversal or modification of the agency's proposed action;
- (f) A statement of the specific rules or statutes that the petitioner contends require reversal or modification of the agency's proposed action, including an explanation of how the alleged facts relate to the specific rules or statutes; and
- (g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wishes the agency to take with respect to the agency's proposed action.

The petition must be filed (received by the Clerk) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, or via electronic correspondence at Agency_Clerk@dep.state.fl.us. Also, a copy of the petition shall be mailed to the applicant at the address indicated above at the time of filing.

Time Period for Filing a Petition

In accordance with Rule 62-110.106(3), F.A.C., petitions for an administrative hearing by the applicant and persons entitled to written notice under Section 120.60(3), F.S., must be filed

within 14 days of receipt of this written notice. Petitions filed by any persons other than the applicant, and other than those entitled to written notice under Section 120.60(3), F.S., must be filed within 14 days of publication of the notice or within 14 days of receipt of the written notice, whichever occurs first. The failure to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention (in a proceeding initiated by another party) will be only at the discretion of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C.

Extension of Time

Under Rule 62-110.106(4), F.A.C., a person whose substantial interests are affected by the Department's action may also request an extension of time to file a petition for an administrative hearing. The Department may, for good cause shown, grant the request for an extension of time. Requests for extension of time must be filed with the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, or via electronic correspondence at Agency_Clerk@dep.state.fl.us, before the deadline for filing a petition for an administrative hearing. A timely request for extension of time shall toll the running of the time period for filing a petition until the request is acted upon.

Mediation

Mediation is not available in this proceeding.

EXECUTION AND CLERKING

Executed in Jacksonville, Florida.

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

Greg Strong

Northeast District Director

Attachment(s):

1. Draft Permit No. 16-0433780-001-EI

CERTIFICATE OF SERVICE

The undersigned duly designated deputy clerk hereby certifies that this document and all attachments were sent on the filing date below to the following listed persons:

Kelsey Cox, Kelsey.cox@jaxport.com
Jonathan Armbruster, jarmbruster@taylorengeering.com
Kierstin Masse, kmasse@taylorengeering.com
Noah Adams, nadams@taylorengeering.com
U.S. Army Corps of Engineers, corpsJaxreg-nJ@usace.army.mil
FWC, Imperiled Species Management Section, fcmpmail@myfwc.com
FWC, Conservation Planning Section, fwcconservationplanningservices@myfwc.com
Emma Kindley, Emma.Kindley@myfwc.com
Division of Historical Resources, Compliance Permits, CompliancePermits@DOS.MyFlorida.com
Department of Economic Opportunity, Donna.Harris@deo.myflorida.com
Greg Strong, FDEP NED
Katie Miller, FDEP NED
Taylor Hohmann, FDEP NED
Paul Duff, FDEP NED
Tianna Goodhart, FDEP NED

CERTIFICATE OF SERVICE

The undersigned hereby certifies that this permit and authorization to use sovereignty submerged lands, including all copies, were mailed before the close of business on _____, to the above listed persons.

FILING AND ACKNOWLEDGMENT

FILED, on this date, under 120.52(7) of the Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.

Clerk

Date



FLORIDA DEPARTMENT OF Environmental Protection

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Shawn Hamilton
Secretary

Northeast District
8800 Baymeadows Way West, Suite 100
Jacksonville, Florida 32256

Permittee:

Jacksonville Port Authority
Kelsey Cox, Senior Director, Engineering and Construction
2831 Tallyrand Avenue
Jacksonville, Florida 32206
Kelsey.cox@jaxport.com

Engineering Consultant:

Jonathan Armbruster
Taylor Engineering
10199 Southside Boulevard, Suite 310
jarmbruster@taylorengeering.com

Environmental Consultant:

Kierstin Masse
Taylor Engineering
10199 Southside Boulevard, Suite 310
kmasse@taylorengeering.com

Jaxport Berth 20 Expansion

Environmental Resource Permit

State-owned Submerged Lands Authorization –Pending Execution of Final Documents

U.S. Army Corps of Engineers Authorization – Separate Corps Authorization Required

Duval County
Permit No.: 16-0433780-001-EI
Lease No.: 160366662
Easement No.: 160366672 # 42974

Permit Issuance Date: TBD
Permit Construction Phase Expiration Date: TBD

Consolidated Environmental Resource Permit and Recommended Intent to Grant Sovereignty Submerged Lands Authorization

Permittee: Jacksonville Port Authority
Permit No: 16-0433780-001-EI
BOT No.: 160366662 and 160366672 # 42974

PROJECT LOCATION

The activities authorized by this permit and sovereignty submerged lands authorization are located at 9620 Dave Rawls Boulevard (parcel ID 160243-0100), Jacksonville, Florida 32226, in Section 19 and 24, Township 1 South, Range 27 and 28 East, at latitude 30° 24' 14.83" North, longitude 81° 32' 47.37" West, in Duval County.

PROJECT DESCRIPTION

The permittee is authorized to construct a 111 ft 6 in by 1,008 ft 4 in expansion to the existing, permitted wharf and to dredge 95,713 cubic yards of material to accommodate the mooring of larger vessels to meet importing and exporting economic demands. The proposed project will take place within the waterward extent of the St. Johns River, a Class III waterbody, and will include a 5-year sovereignty submerged land lease containing 486,668 square feet and a 25-year public easement containing 162,366 square feet. In total, the proposed activities include the mooring of two vessels, compromising 649,034 square feet of preemption of state-owned sovereignty submerged lands.

The dredging activities will be to a proposed berth depth of 38 ft below Mean Low Water to accommodate larger vessels and will include 2 foot over dredge allowance. The dredge expansion will require removal of approximately 95,713 cubic yards of dredged material. All dredged material will be taken to one of the previously permitted DMMAs, Bartram Island and Buck Island, which are sufficient to store the fill volume of 95,713 cubic yards. Dredging work would require the use of a hydraulic cutterhead or mechanical dredging equipment.

Authorized activities are depicted on the attached exhibits.

AUTHORIZATIONS

Jaxport Berth 20 Expansion

Environmental Resource Permit

The Department has determined that the activity qualifies for an Environmental Resource Permit. Therefore, the Environmental Resource Permit is hereby granted, pursuant to Part IV of Chapter 373, Florida Statutes (F.S.), and Chapter 62-330, Florida Administrative Code (F.A.C.).

Sovereignty Submerged Lands Authorization

On **TBD**, the Board of Trustees granted authority for the Department, acting as staff to the Board in accordance with Sections 253.002, F.S., to proceed with issuance of a lease and a private easement for the use for the activity described.

The final documents required to execute the lease and private easement will be sent to the lessee/grantee by the Department's Division of State Lands for execution. The Department intends to issue the lease and private easement, upon satisfactory execution of those documents, including payment of required fees and compliance with the conditions in the previously issued Recommended Consolidated Intent to Issue lease and private easement. **You may not begin construction of the activities described until you receive a copy of the executed lease and private easement from the Department.**

Federal Authorization

Your proposed activity as outlined on your application and attached drawings **does not qualify** for Federal authorization pursuant to the State Programmatic General Permit and a **SEPARATE permit** or authorization **shall be required** from the Corps. You must apply separately to the Corps using the federal application form (ENG 4345). More information about Corps permitting may be found online in the Jacksonville District Regulatory Division Sourcebook. **Failure to obtain Corps authorization prior to construction could subject you to federal enforcement action by that agency.**

Authority for review - an agreement with the USACOE entitled "Coordination Agreement Between the U. S. Army Corps of Engineers (Jacksonville District) and the Florida Department of Environmental Protection, or Duly Authorized Designee, State Programmatic General Permit", Section 10 of the Rivers and Harbor Act of 1899, and Section 404 of the Clean Water Act.

Coastal Zone Management

Issuance of this authorization also constitutes a finding of consistency with Florida's Coastal Zone Management Program, as required by Section 307 of the Coastal Zone Management Act.

Water Quality Certification

This permit also constitutes a water quality certification under Section 401 of the Clean Water Act, 33 U.S.C. 1341.

Other Authorizations

You are advised that authorizations or permits for this activity may be required by other federal, state, regional, or local entities including but not limited to local governments or municipalities. This permit does not relieve you from the requirements to obtain all other required permits or authorizations.

The activity described may be conducted only in accordance with the terms, conditions and attachments contained in this document. Issuance and granting of the permit and authorizations herein do not infer, nor guarantee, nor imply that future permits, authorizations, or modifications will be granted by the Department.

PERMIT / SOVEREIGNTY SUBMERGED LANDS CONDITIONS

The activities described must be conducted in accordance with:

- **The Specific Conditions**
- **The General Conditions**
- **The limits, conditions and locations of work shown in the attached drawings**
- **The term limits of this authorization**

You are advised to read and understand these conditions and drawings prior to beginning the authorized activities, and to ensure the work is conducted in conformance with all the terms, conditions, and drawings herein. If you are using a contractor, the contractor also should read and understand these conditions and drawings prior to beginning any activity. Failure to comply with these conditions, including any mitigation requirements, shall be grounds for the Department to revoke the permit and authorization and to take appropriate enforcement action. Operation of the facility is not authorized except when determined to be in conformance with all applicable rules and this permit and sovereignty submerged lands authorization, as described.

SPECIFIC CONDITIONS - PRIOR TO ANY CONSTRUCTION

1. The Permittee shall retain the design engineer, or other professional engineers licensed in the state of Florida, to conduct onsite observations and inspections of the construction. The Permittee shall inform the Department, in conjunction with the submittal of Construction Commencement Notice, name, address and phone number of the professional engineers employed.
2. Prior to commencement of work authorized by this permit, the permittee shall provide written notification of the date of the commencement and proposed schedule of construction to the Department of Environmental Protection, Northeast District, 8800 Baymeadows Way West, Suite 100, Jacksonville, Florida 32256.

SPECIFIC CONDITIONS – CONSTRUCTION ACTIVITIES

4. This permit does not authorize the removal of any vegetation within the jurisdictional area. No dredging, filling, or other construction activity, including the removal of tree stumps and/or vegetative root masses, shall be conducted within the wetlands other than that performed within the specifically authorized work corridor.
5. Outside the specific limits of construction authorized by this permit, any disturbance of or damage to wetlands shall be corrected by restoring pre-construction elevations as to maintain natural hydrology, drainage patterns, and planting vegetation of the same species, size, and density that exist in adjacent undisturbed wetland areas.
6. The project shall comply with applicable State Water Quality Standards, namely:
 - a. Surface Waters, Minimum Criteria, General Criteria – Rule 62-302.500, F.A.C.
 - b. Class III Waters – Recreation, Propagation and Maintenance of a Healthy, Well-Balanced Population of Fish and Wildlife. – Rule 62-302.400, F.A.C.
7. There shall be no storage or stockpiling of tools, equipment, materials (e.g., lumber, pilings, riprap, and debris) within wetlands, along the shoreline within the littoral zone, or elsewhere within waters of the state unless specifically approved in this permit. Any and all construction debris shall be removed from wetlands/waters of the state within 14 days of completion of the work authorized by this permit.

8. There shall be no discharge of construction debris into the waters of the state as conditioned by this permit enforceable under the Florida Litter Law 403.413, F.S., by all law enforcement officers.
9. Turbidity levels outside the construction area shall not exceed 29 NTU's above background levels. The following measures shall be taken immediately by the permittee whenever turbidity levels within waters of the State surrounding the project site exceed 29 NTUs above background:
 - a. Notify the Department at 904 256-1700 at the time the violation is first detected.
 - b. Immediately cease all work contributing to the water quality violation.
 - c. Stabilize all exposed soil contributing to the violation. Modify the work procedures that were responsible for the violation, install more turbidity containment devices, and repair any non-functional turbidity containment devices.
 - d. As required, perform turbidity monitoring per Specific Conditions.
 - e. Resume construction activities once turbidity levels outside turbidity curtains fall below 29 NTUs.

SPECIFIC CONDITIONS - DREDGING

10. Dredging shall be limited to daylight. No dredging activities are authorized to be conducted at night.
11. The following measures shall be taken immediately by the permittee when turbidity levels at any monitoring point violates state surface water quality standards under rule 62-303 F.A.C:
 - a. Immediately cease work to identify and correct problems.
 - b. Notify the Department within 24 hours of the time the violation is first detected. Failure to report violation(s) or to follow corrective procedures before resuming work shall constitute grounds for permit revocation and may subject the permittee to formal enforcement action.
12. Prior to the initiation of any work authorized by this permit, floating turbidity screens with weighted skirts shall be placed around the dredge area. The screens shall be maintained and shall remain in place for the duration of the project construction to ensure that turbidity levels outside the construction area do not exceed the state water quality standard. The permittee shall be responsible for ensuring that turbidity control devices are inspected daily and maintained in good working order so that there are no violations of state water quality standards outside of the turbidity screens.
13. State water quality standards shall be met during dredging operation as well as transporting and managing of dredged material. At any time when dredging activities cause high turbidity that exceeds the water quality standard, or if the dredged material management system is unable to clarify dredged material to meet state water quality standards at its return line, the dredging operation shall be suspended until adequate control measures have been installed. The problems shall be reported to DEP Northeast District Office at (904) 256-1700 within 24 hours of the detection. Flocculants shall not be used unless approved by the Department.
14. If a clamshell or other mechanical dredge is used for this project, the following requirements shall be met:

- a. The dredge operator shall gravity-release the clamshell bucket only at the water's surface, and only after confirmation that there are no manatees within a 50-foot safety distance during operations.
15. If a hopper dredge is used for this project, the following requirements shall be met:
- a. Handling of any marine turtles captured during hopper dredging shall be conducted only by persons with prior experience and training in these activities, such as a NMFS-approved marine turtle observer, or by persons who have submitted documentation to the Corps of meeting the FWC Marine Turtle Conservation Guidelines specific to stranding activities. The Corps shall forward documentation of these qualifications to the FWC for review, concurrently with submission of the EPP. Any person who transport live or dead marine turtles or marine turtle parts into, out of, or within the state of Florida shall notify the FWC in writing specifying the number, species of turtle, type of specimen, and the destination after transport is complete. Before transport, if the turtle is believed to be alive, Corps staff or their designee shall coordinate with the FWC at SeaTurtleStranding@MyFWC.com to determine the appropriate facility to receive live marine turtles for rehabilitation. Corps staff or their designee shall abide by the State of Florida's Marine Turtle Conservation Guidelines (<http://www.myfwc.com/wildlifehabitats/managed/sea-turtles/conservation-guidelines/>) specific to transport of live stranded turtles.
 - b. When initiating dredging, suction through the drag heads shall be allowed just long enough to prime the pumps, then the drag heads shall be placed firmly on the bottom. When lifting the drag heads from the bottom, suction through the drag heads shall be allowed just long enough to clear the lines, and then shall cease. Pumping water through the drag heads shall cease while maneuvering or during travel to/from the disposal area.
 - c. A fully-functional rigid deflector drag head (to deflect marine turtles) shall be used on all hopper dredges, at all times of the year.
 - d. The Sea Turtle Stranding and Salvage Network (STSSN) coordinator shall be notified at 1-904-573-3930 of the start-up and completion of hopper dredging operations. If a marine turtle is captured or marine turtle parts are recovered, the STSSN shall be contacted at SeaTurtleStranding@MyFWC.com.
16. All areas to be dredged shall be in accordance with the attached permit drawings and shall not exceed the areas and depths indicated on those drawings.
17. Blasting is not authorized for this project. If the construction methodology changes in the future to include blasting, a modification to the permit is needed. Specific conditions must address impacts to protected marine species if blasting is proposed. Such conditions shall be in the form of an appropriate Blast and Watch Plan, approved by the FWC, which can be contacted at ImperiledSpecies@MyFWC.com.

SPECIFIC CONDITIONS – MANATEES

18. The [Standard Manatee Conditions for In-water Work](#) (2011) must be followed for all in-water activity.
19. At least one dedicated observer shall be present when dredging is being performed and shall perform no other duties that may interfere with their ability to observe for protected marine species. Observer(s) must have prior on-the-job experience observing protected marine species

(such as manatees and marine turtles) during previous dredging work where the activities were similar in nature to this project. Movement of a work barge or other associated vessels shall be minimized to the greatest extent possible at night. A final report including names of observers, contact information, protected marine species sightings and actions taken shall be sent to the Florida Fish and Wildlife Conservation Commission at ImperiledSpecies@myfwc.com, no later than 30 days after final project completion.

20. During clamshell dredging, the dredge operator shall gravity release the clamshell bucket only at the water's surface, and only after confirmation that there are no manatees within the safety distance identified in the standard conditions.
21. To reduce the risk of entrapment and drowning of manatees, manatee exclusion devices (such as grating) shall be installed and maintained over any existing or proposed pipes or culverts greater than 8 inches, but smaller than 8 feet in diameter that are submerged or partially submerged and reasonably accessible to manatees. If horizontal or vertical bars are used, no more than 8-inch gaps on center shall be allowed. Grates shall be in place at the accessible end(s) during all phases of the construction process and as a final design element to restrict manatee access.
22. To reduce the risk of a vessel crushing a manatee, the permittee shall install wharf fenders with appropriate materials to provide sufficient standoff space of at least four feet under maximum designed compression. Fenders or buoys providing a minimum standoff space of at least four feet under maximum designed compression shall also be utilized between two vessels that are moored together.
23. No nighttime in-water work shall occur when the possibility of spotting manatees is reduced.
24. During concrete pile-driving activities, the following measures shall be followed:
 - a. At least one observer shall be onsite at all times and dedicated to the task of watching for manatees during the in-water construction work. Observers must have prior on-the-job experience as a dedicated manatee observer, observing for manatees during similar in-water work and shall perform no other duties that may interfere with their ability to observe for protected marine species.
 - b. All pile-driving activity shall be confined to daylight hours.
 - c. The pile driving activities will use a ramp-up measure. At the start of pile driving, hammers would initially be operated at low levels, then gradually increase to minimum necessary power required for pile installation. Monitoring for protected marine species will occur for 30 minutes prior to pile driving, during pile driving, and for 30 minutes after pile driving ends.
 - d. If the activities appear to harass or injure a protected marine species, then work shall cease immediately and not resume until after consultation with the Florida Fish and Wildlife Conservation Commission (FWC) at ImperiledSpecies@myfwc.com or 850-922-4330. Any additional conservation measures deemed necessary by FWC must be implemented to minimize the risks to protected species.

SPECIFIC CONDITIONS – MONITORING

25. Turbidity shall be monitored by a qualified individual during all dredging activities. Turbidity shall be monitored at the locations and frequencies specified below. Any other project-

associated discharge that is observed shall be monitored as close to the source as possible every hour until turbidity levels meet the state standard, or until otherwise directed by the Department. When this type of unanticipated discharge causes a turbidity exceedance, as compared to a corresponding background site at least 150 meters up-current of the discharge, the Permittee shall adhere to the turbidity compliance actions outlined in Specific Condition No. 29 below.

Location:

Background – (for the dredge sites) - At mid-depth, at least 150 meters up-current from the dredge intake point and clearly outside the influence of turbidity generated by this project or other obvious turbidity plumes. Overflow at the dredge site is prohibited.

Monitoring

During dredging, turbidity monitoring shall be conducted for conformance with state surface water quality standards under rule 62-302 F.A.C. The permittee shall maintain all monitoring records.

Frequency:

Background - Samples shall be collected with each dredge event.

Dredge Intake - Twice daily at least four (4) hours apart during all dredging-related activities in or adjacent to State waters, including dredging, open water disposal, overflow from filling of any hopper dredge, disposable barge or scow barge.

Turbidity Standard:

Dredge Intake - Turbidity levels at the edge of the approved mixing zones shall not increase 29 Nephelometric Turbidity Units (NTUs) above the turbidity level measured at the Background location. Turbidity measurements must be acquired in adherence to the Department's Standard Operating Procedure (SOP) for field turbidity, available at the website:

www.dep.state.fl.us/labs/qa/sops.htm.

Calibration:

The instruments used to measure turbidity shall be fully calibrated with primary standards within one month of commencement of dredging operations, and at least once a month throughout the project (for the duration of construction). Calibration with secondary standards shall be verified each morning prior to use, after each time the instrument is turned on, and after field sampling using two secondary turbidity "standards" that bracket the anticipated turbidity samples. If the post-sampling calibration value deviates more than 8% from the previous calibration value, results shall be reported as estimated and a description of the problem shall be included in the field notes.

28. Analysis of turbidity samples shall be performed in compliance with DEP-SOP-001/01 FT 1600 Field Measurement of Turbidity located at the following link:

<http://publicfiles.dep.state.fl.us/dear/sas/sopdoc/2008sops/ft1600.pdf>

29. The following measures shall be taken whenever turbidity levels exceed the standards stated in condition 27 above:

a. Immediately cease all dredge or discharge operations that may be contributing to the water quality violation;

- b. Notify FDEP, within 24 hours of the time the violation is first detected. The violation report shall include the description of the corrective actions taken or proposed to be taken and the NTU values (background, compliance and the difference) of the violation;
 - c. Modify the work procedures that were responsible for the violation such as reducing the dredge/discharge rate and/or installing additional BMPs or repairing any non-functioning turbidity containment devices;
 - d. Increase Dredge Intake Site monitoring frequency to at least every two (2) hours during daylight until all turbidity readings are in compliance with the Standard, and monitor at least every four (4) hours during nighttime for the first 24 hours after the exceedance;
 - e. Increase Dredge Intake Site monitoring frequency to at least every fifteen (15) minutes until all turbidity readings are in compliance with the Standard. Increase Discharge monitoring frequency to at least every two (2) hours until turbidity readings are in compliance with the Standard;
 - f. Any cessation of dredging or discharge operations shall continue until monitoring indicates that turbidity levels are meeting the Standard; and
 - g. Provide a copy of all monitoring data sheets including the monitoring data required by (d) above, to FDEP within 24 hours of the time when any suspended dredge or discharge operations resume.
30. Turbidity monitoring reports shall be submitted to the Northeast District Office (dep_ned@floridadep.gov) on a weekly basis within seven (7) days of collection, except as provided in Specific Condition No. 27 above. Reports shall be submitted under a cover letter containing the following statement: "This information is provided in partial fulfillment of the monitoring requirements in Permit No. 16-0433780-001-EI, JAXPORT Berth 20 Expansion Dredge Report." The cover letter shall summarize any significant compliance issues. Also, please clearly reference the permit number on each page of the report. In addition to analytical results for samples and quality control, the report should also include:
- a. Time of day samples were taken;
 - b. Depth of waterbody;
 - c. Depth of sample;
 - d. Antecedent weather conditions;
 - e. Tidal stage and direction of flow;
 - f. Wind direction and velocity;
 - g. A statement describing the methods used in collection, handling and analysis of the samples;
 - h. Turbidity meter calibration/documentation;
 - i. A map indicating the location of the current construction activity, the sampling locations (background and compliance), and the visible plume pattern of the applicable mixing zone; and
 - j. A statement by the individual responsible for implementation of the sampling program concerning the authenticity, precision, limits of detection and accuracy of the data. Failure to submit monitoring reports in a timely manner constitutes a violation of the permit pursuant to Chapter 403.161, Florida Statutes and may be grounds for permit revocation.

SPECIFIC CONDITIONS – OTHER LISTED SPECIES

31. This permit does not authorize the permittee to cause any adverse impact to or “take” of state listed species and other regulated species of fish and wildlife. Compliance with state laws

regulating the take of fish and wildlife is the responsibility of the owner or applicant associated with this project. Please refer to Chapter 68A-27 of the Florida Administrative Code for definitions of “take” and a list of fish and wildlife species. If listed species are observed onsite, FWC staff are available to provide decision support information or assist in obtaining the appropriate FWC permits. Most marine endangered and threatened species are statutorily protected and a “take” permit cannot be issued. Requests for further information or review can be sent to FWCConservationPlanningServices@MyFWC.com.

SPECIFIC CONDITIONS – CONSTRUCTION COMPLETION

32. Within 30 days after completion of construction of the permitted or authorized activity, and prior to transfer to operation, the permittee/lessee shall submit an As-Built Survey signed, sealed and dated by a Florida licensed Surveyor and Mapper in accordance with Chapter 61G17-7, Florida Administrative Code. The Survey shall depict the boundaries of the lease, including the entire preempted area and shall show the size and dimensions of all existing overwater structures and activities, including mooring pilings, located within the lease area. The Survey shall contain a statement that all of the depicted structures and activities occur within the lease boundary, if applicable. If the surveyor observes that structures or activities are occurring outside of the lease area, the surveyor shall 10. document the condition in the statement and note the deviations on the Survey. Constructed deviations may require a permit or lease modification.
33. Upon completion of construction, the permittee shall submit to the Department of Form 62-330.310(1) “As-Built Certification and Request for Conversion to Operation Phase”. The form shall be certified by a registered professional and serve to notify the Department that the project, or independent portion of the project, is completed and ready for inspection by the Department. The person completing Form 62-330.310(1) shall inform the Department if there are substantial deviations from the plans approved as part of the permit and include as-built drawings with the form.
34. The plans must be clearly labeled as “as-built” or “record” drawings and shall consist of the permitted drawings that clearly highlight (such as through “red lines” or “clouds”) any substantial deviations made during construction. The permittee shall be responsible for correcting the deviations [as verified by a new certification using Form 62-330.310(1)]. If such deviations require a modification of the permit under Rule 62-330.315, F.A.C., the permittee shall separately request a modification to the permit, which must be issued by the Department prior to the Department approving the request to convert.
35. When projects authorized by the permit are to be constructed in phases, each phase or independent portion of the permitted project must be completed and the permittee must have submitted Form 62-330.310(1) “As-Built Certification and Request for Conversion to Operation Phase,” in accordance with subparagraph 62-330.350(1)(f)2., F.A.C., certifying as to such completion prior to the use of that phase or independent portion of the project. The request for conversion to the operating phase for any phase or independent portion of the permitted project shall occur before construction of any future work that may rely on that infrastructure for conveyance and water quality treatment. Phased construction can include a partial certification.

GENERAL CONDITIONS FOR INDIVIDUAL PERMITS

The following general conditions are binding on all individual permits issued under this chapter, except where the conditions are not applicable to the authorized activity, or where the conditions must be modified to accommodate project-specific conditions.

1. All activities shall be implemented following the plans, specifications and performance criteria approved by this permit. Any deviations must be authorized in a permit modification in accordance with rule 62-330.315, F.A.C. Any deviations that are not so authorized may subject the permittee to enforcement action and revocation of the permit under chapter 373, F.S.
2. A complete copy of this permit shall be kept at the work site of the permitted activity during the construction phase and shall be available for review at the work site upon request by the Agency staff. The permittee shall require the contractor to review the complete permit prior to beginning construction.
3. Activities shall be conducted in a manner that does not cause or contribute to violations of state water quality standards. Performance-based erosion and sediment control best management practices shall be installed immediately prior to, and be maintained during and after construction as needed, to prevent adverse impacts to the water resources and adjacent lands. Such practices shall be in accordance with the State of Florida Erosion and Sediment Control Designer and Reviewer Manual (Florida Department of Environmental Protection and Florida Department of Transportation, June 2007), and the Florida Stormwater Erosion and Sedimentation Control Inspector's Manual (Florida Department of Environmental Protection, Nonpoint Source Management Section, Tallahassee, Florida, July 2008), which are both incorporated by reference in subparagraph 62-330.050(9)(b)5., F.A.C., unless a project-specific erosion and sediment control plan is approved or other water quality control measures are required as part of the permit.
4. At least 48 hours prior to beginning the authorized activities, the permittee shall submit to the Agency a fully executed Form 62-330.350(1), "Construction Commencement Notice," (October 1, 2013), (<http://www.flrules.org/Gateway/reference.asp?No=Ref-02505>), incorporated by reference herein, indicating the expected start and completion dates. A copy of this form may be obtained from the Agency, as described in subsection 62-330.010(5), F.A.C., and shall be submitted electronically or by mail to the Agency. However, for activities involving more than one acre of construction that also require a NPDES stormwater construction general permit, submittal of the Notice of Intent to Use Generic Permit for Stormwater Discharge from Large and Small Construction Activities, DEP Form 62-621.300(4)(b), shall also serve as notice of commencement of construction under this chapter and, in such a case, submittal of Form 62-330.350(1) is not required.
5. Unless the permit is transferred under rule 62-330.340, F.A.C., or transferred to an operating entity under rule 62-330.310, F.A.C., the permittee is liable to comply with the plans, terms, and conditions of the permit for the life of the project or activity.
6. Within 30 days after completing construction of the entire project, or any independent portion of the project, the permittee shall provide the following to the Agency, as applicable:

- a. For an individual, private single-family residential dwelling unit, duplex, triplex, or quadruplex – “Construction Completion and Inspection Certification for Activities Associated with a Private Single-Family Dwelling Unit” [Form 62-330.310(3)]; or
 - b. For all other activities – “As-Built Certification and Request for Conversion to Operation Phase” [Form 62-330.310(1)].
 - c. If available, an Agency website that fulfills this certification requirement may be used in lieu of the form.
7. If the final operation and maintenance entity is a third party:
- a. Prior to sales of any lot or unit served by the activity and within one year of permit issuance, or within 30 days of as-built certification, whichever comes first, the permittee shall submit, as applicable, a copy of the operation and maintenance documents (see sections 12.3 thru 12.3.4 of Volume I) as filed with the Florida Department of State, Division of Corporations, and a copy of any easement, plat, or deed restriction needed to operate or maintain the project, as recorded with the Clerk of the Court in the County in which the activity is located.
 - b. Within 30 days of submittal of the as-built certification, the permittee shall submit “Request for Transfer of Environmental Resource Permit to the Perpetual Operation and Maintenance Entity” [Form 62-330.310(2)] to transfer the permit to the operation and maintenance entity, along with the documentation requested in the form. If available, an Agency website that fulfills this transfer requirement may be used in lieu of the form.
8. The permittee shall notify the Agency in writing of changes required by any other regulatory agency that require changes to the permitted activity, and any required modification of this permit must be obtained prior to implementing the changes.
9. This permit does not:
- a. Convey to the permittee any property rights or privileges, or any other rights or privileges other than those specified herein or in chapter 62-330, F.A.C.;
 - b. Convey to the permittee or create in the permittee any interest in real property;
 - c. Relieve the permittee from the need to obtain and comply with any other required federal, state, and local authorization, law, rule, or ordinance; or
 - d. Authorize any entrance upon or work on property that is not owned, held in easement, or controlled by the permittee.
10. Prior to conducting any activities on state-owned submerged lands or other lands of the state, title to which is vested in the Board of Trustees of the Internal Improvement Trust Fund, the permittee must receive all necessary approvals and authorizations under chapters 253 and 258, F.S. Written authorization that requires formal execution by the Board of Trustees of the Internal Improvement Trust Fund shall not be considered received until it has been fully executed.
11. The permittee shall hold and save the Agency harmless from any and all damages, claims, or liabilities that may arise by reason of the construction, alteration, operation, maintenance, removal, abandonment or use of any project authorized by the permit.
12. The permittee shall notify the Agency in writing:
- a. Immediately if any previously submitted information is discovered to be inaccurate; and

- b. Within 30 days of any conveyance or division of ownership or control of the property or the system, other than conveyance via a long-term lease, and the new owner shall request transfer of the permit in accordance with rule 62-330.340, F.A.C. This does not apply to the sale of lots or units in residential or commercial subdivisions or condominiums where the stormwater management system has been completed and converted to the operation phase.
13. Upon reasonable notice to the permittee, Agency staff with proper identification shall have permission to enter, inspect, sample and test the project or activities to ensure conformity with the plans and specifications authorized in the permit.
14. If prehistoric or historic artifacts, such as pottery or ceramics, projectile points, stone tools, dugout canoes, metal implements, historic building materials, or any other physical remains that could be associated with Native American, early European, or American settlement are encountered at any time within the project site area, the permitted project shall cease all activities involving subsurface disturbance in the vicinity of the discovery. The permittee or other designee shall contact the Florida Department of State, Division of Historical Resources, Compliance Review Section (DHR), at (850)245-6333, as well as the appropriate permitting agency office. Project activities shall not resume without verbal or written authorization from the Division of Historical Resources. If unmarked human remains are encountered, all work shall stop immediately and the proper authorities notified in accordance with section 872.05, F.S. For project activities subject to prior consultation with the DHR and as an alternative to the above requirements, the permittee may follow procedures for unanticipated discoveries as set forth within a cultural resources assessment survey determined complete and sufficient by DHR and included as a specific permit condition herein.
15. Any delineation of the extent of a wetland or other surface water submitted as part of the permit application, including plans or other supporting documentation, shall not be considered binding unless a specific condition of this permit or a formal determination under rule 62-330.201, F.A.C., provides otherwise.
16. The permittee shall provide routine maintenance of all components of the stormwater management system to remove trapped sediments and debris. Removed materials shall be disposed of in a landfill or other uplands in a manner that does not require a permit under chapter 62-330, F.A.C., or cause violations of state water quality standards.
17. This permit is issued based on the applicant's submitted information that reasonably demonstrates that adverse water resource-related impacts will not be caused by the completed permit activity. If any adverse impacts result, the Agency will require the permittee to eliminate the cause, obtain any necessary permit modification, and take any necessary corrective actions to resolve the adverse impacts.
18. A Recorded Notice of Environmental Resource Permit may be recorded in the county public records in accordance with subsection 62-330.090(7), F.A.C. Such notice is not an encumbrance upon the property.
19. In addition to those general conditions in subsection (1), above, the Agency shall impose any additional project-specific special conditions necessary to assure the permitted activities will

not be harmful to the water resources, as set forth in rules 62-330.301 and 62-330.302, F.A.C., Volumes I and II, as applicable, and the rules incorporated by reference in this chapter.

NOTICE OF RIGHTS

This action is final and effective on the date filed with the Clerk of the Department unless a petition for an administrative hearing is timely filed under Sections 120.569 and 120.57, F.S., before the deadline for filing a petition. On the filing of a timely and sufficient petition, this action will not be final and effective until further order of the Department. Because the administrative hearing process is designed to formulate final agency action, the hearing process may result in a modification of the agency action or even denial of the application.

Petition for Administrative Hearing

A person whose substantial interests are affected by the Department's action may petition for an administrative proceeding (hearing) under Sections 120.569 and 120.57, F.S. Pursuant to Rules 28-106.201 and 28-106.301, F.A.C., a petition for an administrative hearing must contain the following information:

- (a) The name and address of each agency affected and each agency's file or identification number, if known;
- (b) The name, address, any e-mail address, any facsimile number, and telephone number of the petitioner, if the petitioner is not represented by an attorney or a qualified representative; the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the agency determination;
- (c) A statement of when and how the petitioner received notice of the agency decision;
- (d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;
- (e) A concise statement of the ultimate facts alleged, including the specific facts that the petitioner contends warrant reversal or modification of the agency's proposed action;
- (f) A statement of the specific rules or statutes that the petitioner contends require reversal or modification of the agency's proposed action, including an explanation of how the alleged facts relate to the specific rules or statutes; and
- (g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wishes the agency to take with respect to the agency's proposed action.

The petition must be filed (received by the Clerk) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, or via electronic correspondence at Agency_Clerk@dep.state.fl.us. Also, a copy of the petition shall be mailed to the applicant at the address indicated above at the time of filing.

Time Period for Filing a Petition

In accordance with Rule 62-110.106(3), F.A.C., petitions for an administrative hearing by the applicant and persons entitled to written notice under Section 120.60(3), F.S., must be filed within 14 days of receipt of this written notice. Petitions filed by any persons other than the applicant, and other than those entitled to written notice under Section 120.60(3), F.S., must be filed within 14 days of publication of the notice or within 14 days of receipt of the written notice, whichever occurs first. You cannot justifiably rely on the finality of this decision unless notice of this decision and the right of substantially affected persons to challenge this decision has been duly published or otherwise

provided to all persons substantially affected by the decision. While you are not required to publish notice of this action, you may elect to do so pursuant Rule 62-110.106(10)(a).

The failure to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention (in a proceeding initiated by another party) will be only at the discretion of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C. If you do not publish notice of this action, this waiver will not apply to persons who have not received written notice of this action.

Extension of Time

Under Rule 62-110.106(4), F.A.C., a person whose substantial interests are affected by the Department's action may also request an extension of time to file a petition for an administrative hearing. The Department may, for good cause shown, grant the request for an extension of time. Requests for extension of time must be filed with the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, or via electronic correspondence at Agency_Clerk@dep.state.fl.us, before the deadline for filing a petition for an administrative hearing. A timely request for extension of time shall toll the running of the time period for filing a petition until the request is acted upon.

Mediation

Mediation is not available in this proceeding.

FLAWAC Review

The applicant, or any party within the meaning of Section 373.114(1)(a) or 373.4275, F.S., may also seek appellate review of this order before the Land and Water Adjudicatory Commission under Section 373.114(1) or 373.4275, F.S. Requests for review before the Land and Water Adjudicatory Commission must be filed with the Secretary of the Commission and served on the Department within 20 days from the date when this order is filed with the Clerk of the Department.

Judicial Review

Once this decision becomes final, any party to this action has the right to seek judicial review pursuant to Section 120.68, F.S., by filing a Notice of Appeal pursuant to Florida Rules of Appellate Procedure 9.110 and 9.190 with the Clerk of the Department in the Office of General Counsel (Station #35, 3900 Commonwealth Boulevard, Tallahassee, Florida 32399-3000) and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate district court of appeal. The notice must be filed within 30 days from the date this action is filed with the Clerk of the Department.

Executed in Jacksonville, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION

DRAFT

Katie Sula Miller
Permitting Program Administrator

KSM:tg

Attachments:

1. Standard Manatee Construction Conditions 2011
2. Construction Commencement Notice/Form 62-330.350(1)
3. As-built Certification and Request for Conversion to Operational Phase/ Form 62-330.310(1)
4. Operation and Maintenance Inspection Certification/Form 62-330.311(1)
5. Project Drawings and Design, 9 pages
6. Approved Lease Survey, 3 pages
7. Approved Easement Survey, 3 pages
8. Manatee Protection Plan, 2 pages

Copies furnished to:

Kelsey Cox, Kelsey.cox@jaxport.com

Jonathan Armbruster, jarmbruster@taylorengeering.com

Kierstin Masse, kmasse@taylorengeering.com

Noah Adams, nadams@taylorengeering.com

U.S. Army Corps of Engineers, corpsJaxreg-nj@usace.army.mil

FWC, Imperiled Species Management Section, fcmpmail@myfwc.com

FWC, Conservation Planning Section, fwcconservationplanningservices@myfwc.com

Emma Kindley, Emma.Kindley@myfwc.com

Division of Historical Resources, Compliance Permits, CompliancePermits@DOS.MyFlorida.com

Department of Economic Opportunity, Donna.Harris@deo.myflorida.com

Katie Miller, FDEP NED

Taylor Hohmann, FDEP NED

Tianna Goodhart, FDEP NED

CERTIFICATE OF SERVICE

The undersigned hereby certifies that this permit, including all copies, were mailed before the close of business on _____, to the above listed persons.

FILING AND ACKNOWLEDGMENT

FILED, on this date, under 120.52(7) of the Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.

Clerk

Date

STANDARD MANATEE CONDITIONS FOR IN-WATER WORK

2011

The permittee shall comply with the following conditions intended to protect manatees from direct project effects:

- a. All personnel associated with the project shall be instructed about the presence of manatees and manatee speed zones, and the need to avoid collisions with and injury to manatees. The permittee shall advise all construction personnel that there are civil and criminal penalties for harming, harassing, or killing manatees which are protected under the Marine Mammal Protection Act, the Endangered Species Act, and the Florida Manatee Sanctuary Act.
- b. All vessels associated with the construction project shall operate at "Idle Speed/No Wake" at all times while in the immediate area and while in water where the draft of the vessel provides less than a four-foot clearance from the bottom. All vessels will follow routes of deep water whenever possible.
- c. Siltation or turbidity barriers shall be made of material in which manatees cannot become entangled, shall be properly secured, and shall be regularly monitored to avoid manatee entanglement or entrapment. Barriers must not impede manatee movement.
- d. All on-site project personnel are responsible for observing water-related activities for the presence of manatee(s). All in-water operations, including vessels, must be shutdown if a manatee(s) comes within 50 feet of the operation. Activities will not resume until the manatee(s) has moved beyond the 50-foot radius of the project operation, or until 30 minutes elapses if the manatee(s) has not reappeared within 50 feet of the operation. Animals must not be herded away or harassed into leaving.
- e. Any collision with or injury to a manatee shall be reported immediately to the Florida Fish and Wildlife Conservation Commission (FWC) Hotline at 1-888-404-3922. Collision and/or injury should also be reported to the U.S. Fish and Wildlife Service in Jacksonville (1-904-731-3336) for north Florida or Vero Beach (1-772-562-3909) for south Florida, and to FWC at ImperiledSpecies@myFWC.com
- f. Temporary signs concerning manatees shall be posted prior to and during all in-water project activities. All signs are to be removed by the permittee upon completion of the project. Temporary signs that have already been approved for this use by the FWC must be used. One sign which reads *Caution: Boaters* must be posted. A second sign measuring at least 8 ½" by 11" explaining the requirements for "Idle Speed/No Wake" and the shut down of in-water operations must be posted in a location prominently visible to all personnel engaged in water-related activities. These signs can be viewed at MyFWC.com/manatee. Questions concerning these signs can be sent to the email address listed above.

CAUTION: MANATEE HABITAT

All project vessels


IDLE SPEED / NO WAKE

When a manatee is within 50 feet of work
all in-water activities must

SHUT DOWN

Report any collision with or injury to a manatee:

Wildlife Alert:
1-888-404-FWCC(3922)
cell *FWC or #FWC



DRW