

FDOT Permit 2023-K-799-00029
Request for Additional Information No. 1



WORK DESCRIPTION:

City of Madeira Beach: It is the City's desire to dredge the area within John's pass to restore access to adjacent marinas and remove the excess sediment from the Pass. Dredging is proposed on the northern shoreline east of the Gulf Boulevard Bridge.

PLEASE LOAD INTO OSP, SEPARATE FROM THE PLANS, A RESPONSE DOCUMENT TO THIS RFI INDICATING HOW EACH ITEM WAS ADDRESSED IN THE PLANS RESUBMITTAL.

1. Provide a map identifying "Equipment Staging Areas".

See attached drawing, PV-1.

2. Provide a "narrative" that describes the following:

- a. "Pedestrian Safety Plan" describing how pedestrians are to be prevented from entering the work area while maintaining continuous pedestrian access below the bridge. Include fencing material to be utilized.

A combination of hard fence, safety tape, cones, and personnel will direct pedestrians away from the project site extents. This item will be part of the project Technical Design Drawings and Specifications.

- b. Describe plan for dredging around bridge footers and include distances from footers and pilings to ensure no damage.

A minimum buffer distance of **15-ft will be required** around all bridge pilings and footings.

- c. Describe how the barge will maintain its position while in the channel.

The barge will maintain its position using spud-piles that temporarily anchor the barge in position for each cycle of the swing-cut. The spud is lowered into the sand for the swing-cut pass. At the completion of the cut, another spud pile is lowered and the first retracted, where the barge is in position to begin the next swing cycle.

- d. Describe how the existing rubble riprap protecting the north seawall will be protected and not undermined.

A safety buffer will be specified. The project extents for dredging operations are located far enough from all shoreline infrastructure sufficient for no adverse impacts. This item will be part of the project Technical Specifications.

- e. Describe the severe weather plan and where the barge and equipment will be moved prior to a storm event.

A severe weather plan will be provided by the dredge operator that explicitly describes storm preparation and demobilization procedures. This may include, removing all equipment from the project site, moving equipment and materials off the water to an upland safe location, or completely demobilizing all equipment and materials from the project site. This item will be part of the project Technical Specifications.

- f. Provide a plan/profile drawing indicating the dredge depth adjacent to the FDOT storm outfall structure.

See attached drawing, PV-2 and RDWY Plan/Profile (19) Markups.

- g. Describe the plan for what is to be done with any construction debris that may be encountered during dredging operation.

All construction debris will become the property of the contractor and will be removed and disposed of according to the appropriate local, state, and federal laws. This item will be part of the project Technical Specifications.

- h. Describe where dredged material is to be placed.

All dredged material will be placed on the gulf facing beach up-drift of the northern John's Pass terminal groin. This item will be part of the project Technical Design Drawings.

3. Ensure it is noted that at no time shall any equipment or material be attached to any part of the seawall or the bridge structure.

This statement will be included as part of the project Technical Design Specifications.

**For questions or concerns regarding this Request for Additional Information (RFI), please contact
Bob Cain (727-575-8329), the Permit Coordinator in charge of conducting this permit's review.**

LEGEND

SIDEWALK
SEA WALL
BOARDWALK OUTLINE
RIPRAP OUTLINE
MHW 0.34' DEMARCATION
OVERHEAD ELECTRIC
ABUTMENT
BULKHEAD
POWER POLE



JOHNS PASS INLET PERMITTING
TOPOGRAPHIC AND HYDROGRAPHIC SURVEY

DRAWING NO.
PV-1

SHEET 1 OF 2

PLAN VIEW

Reference Files:
Designed by: ML
Drawn by: SR
Date: 8/4/2023
Plot Scale: AS NOTED

Checked by: SR
Reviewed by: SR
Submitted by: ML
Comm. No.: 631028032

REVISIONS

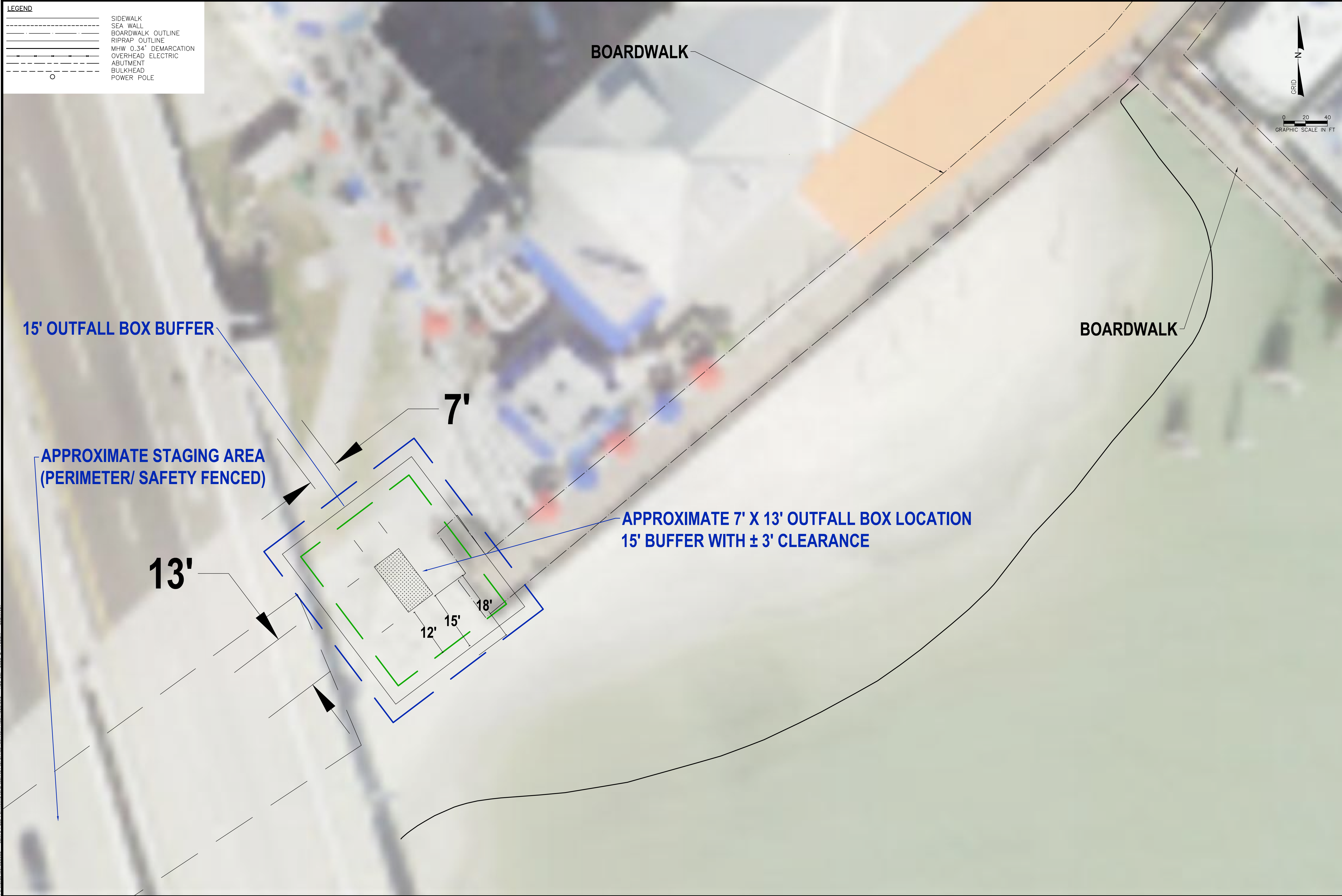
No.	Date	Description

Aptim Environmental & Infrastructure, LLC
6401 CONGRESS AVENUE, SUITE 140
BOCA RATON, FLORIDA 33487
www.aptim.com

PH: (561) 391-8102
FAX: (561) 391-9116
C.O.A. FL. #6051

LEGEND

SIDEWALK
SEA WALL
BOARDWALK OUTLINE
RIPRAP OUTLINE
MHW 0.34' DEMARCATION
OVERHEAD ELECTRIC
ABUTMENT
BULKHEAD
POWER POLE



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JOHNS PASS INLET PERMITTING
TOPOGRAPHIC AND HYDROGRAPHIC SURVEY

DRAWING NO.
PV-2

SHEET 2 OF 2

APTIM ENVIRONMENTAL & INFRASTRUCTURE, LLC
6401 CONGRESS AVENUE, SUITE 140
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PH (561) 391-8102
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C.O.A. FL. #8051

REVISIONS

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Reference Files:

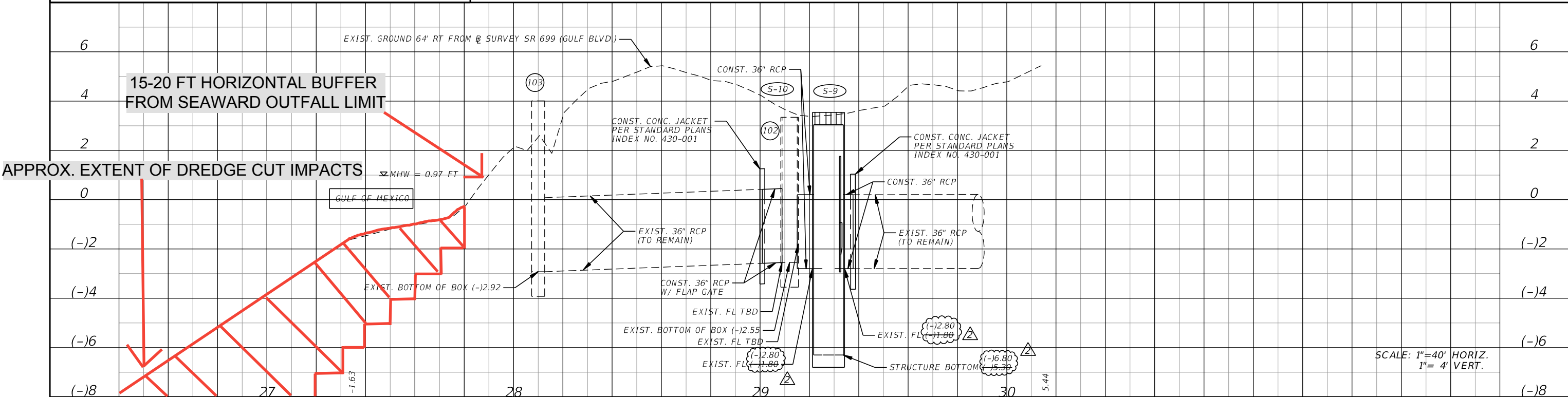
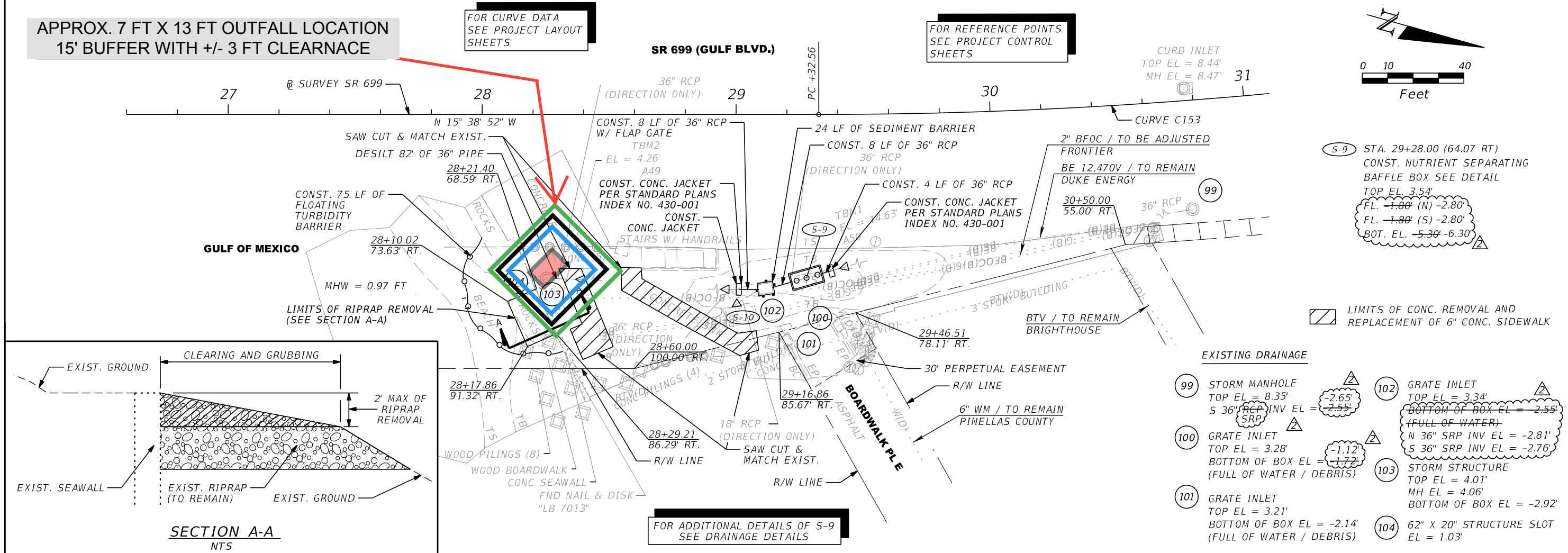
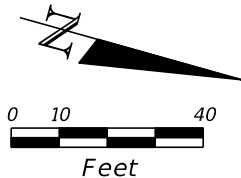
Designed by: ML
Drawn by: SR
Date: 8/14/2023
Plot Scale: AS NOTED

Checked by: SR
Reviewed by: SR
Submitted by: ML
Comm. No.: 631028032

APPROX. 7 FT X 13 FT OUTFALL LOCATION
15' BUFFER WITH +/- 3 FT CLEARANCE

FOR CURVE DATA
SEE PROJECT LAYOUT
SHEETS

FOR REFERENCE POINTS
SEE PROJECT CONTROL
SHEETS



REVISIONS				BRYAN A. ANDERSON, P.E. P.E. NO.: 64617 BURGESS & NIPLE, INC. 1511 N. WESTSHORE BLVD., SUITE 500 TAMPA, FL 33607	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			RDWY PLAN / PROFILE (19) LOCATION 14	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		54
3/21/22	⚠ ELEVATION ADJUSTMENT PER CUMBEY & FAIR SURVEY, SURVRD15.DGN				SR 699	PINELLAS	439526-1-52-01		