

NOTES:

1. BATHYMETRIC DATA COLLECTED BY COASTAL ENGINEERING CONSULTANTS, INC., ON 2/6/2019, 10/8/2019 AND 10/17/2019.
2. PLANE COORDINATES ARE BASED ON THE TRANSVERSE MERCATOR PROJECTION FOR THE WEST ZONE OF FLORIDA AND REFERENCED TO THE NORTH AMERICAN DATUM OF 1983 (NAD 83).
3. ELEVATIONS SHOWN HEREON ARE IN FEET AND REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 1988). REFERENCED BENCHMARK: Q242 PID# AG1728 (+5.93 FT).
4. TIDAL REDUCTIONS WERE OBTAINED UTILIZING REAL-TIME KINEMATIC GPS AND REFERENCED TO NAVD88.
5. SURVEY ACCURACY STANDARDS, QUALITY CONTROL, AND QUALITY ASSURANCE REQUIREMENTS WERE FOLLOWED DURING THIS SURVEY IN ACCORDANCE WITH USACE EM 1110-2-1003, HYDROGRAPHIC SURVEYING MANUAL, 11/30/2013.
6. INFORMATION SHOWN HEREON REFLECTS CONDITIONS AS THEY EXISTED ON THE SURVEY DATE SHOWN AND CAN ONLY BE CONSIDERED INDICATIVE OF CONDITIONS AT THAT TIME.
7. AERIAL PHOTOGRAPHY PROVIDED BY LEE COUNTY, DATED JANUARY 2019.

PUBLISHED TIDAL INFORMATION

TIDAL DATUMS AT PUNTA RASSA, SAN CARLOS BAY, LEE COUNTY, FL ARE BASED ON FLORIDA 872 5391

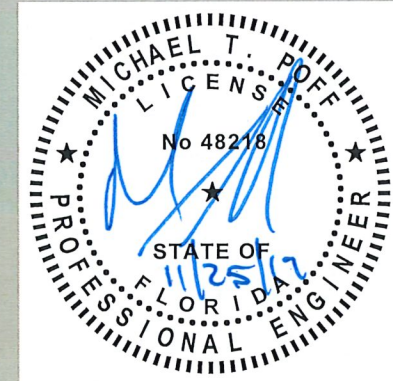
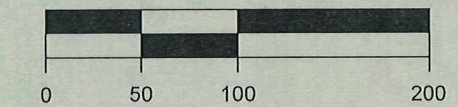
TIME PERIOD = JUNE 1977 - MAY 1978
 TIDAL EPOCH = 1983 - 2001
 CONTROL TIDE STATION = NAPLES, GULF OF MEXICO (872 5110)

ELEVATIONS OF TIDAL DATUMS ARE REFERENCED IN NAVD 1988.

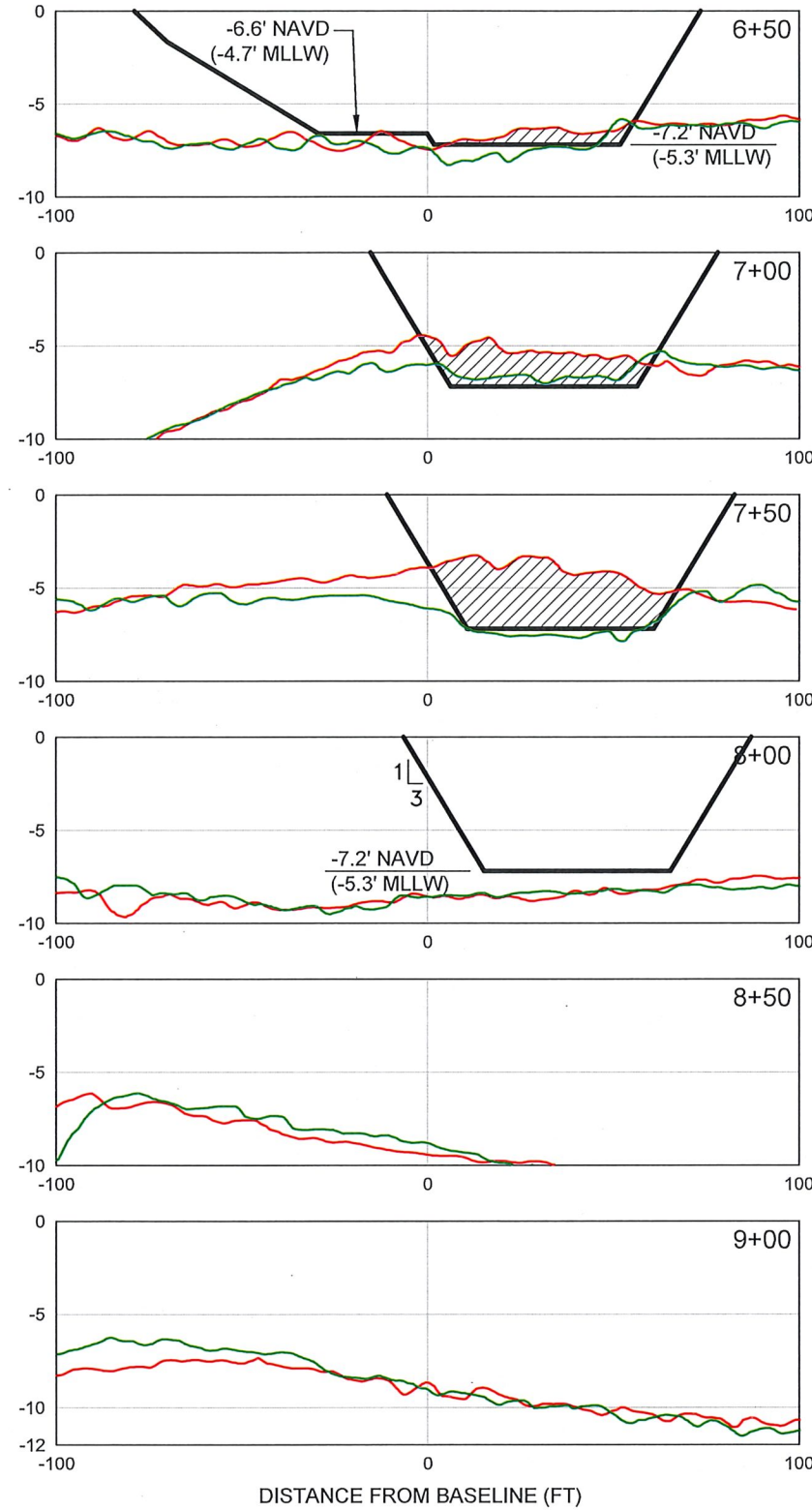
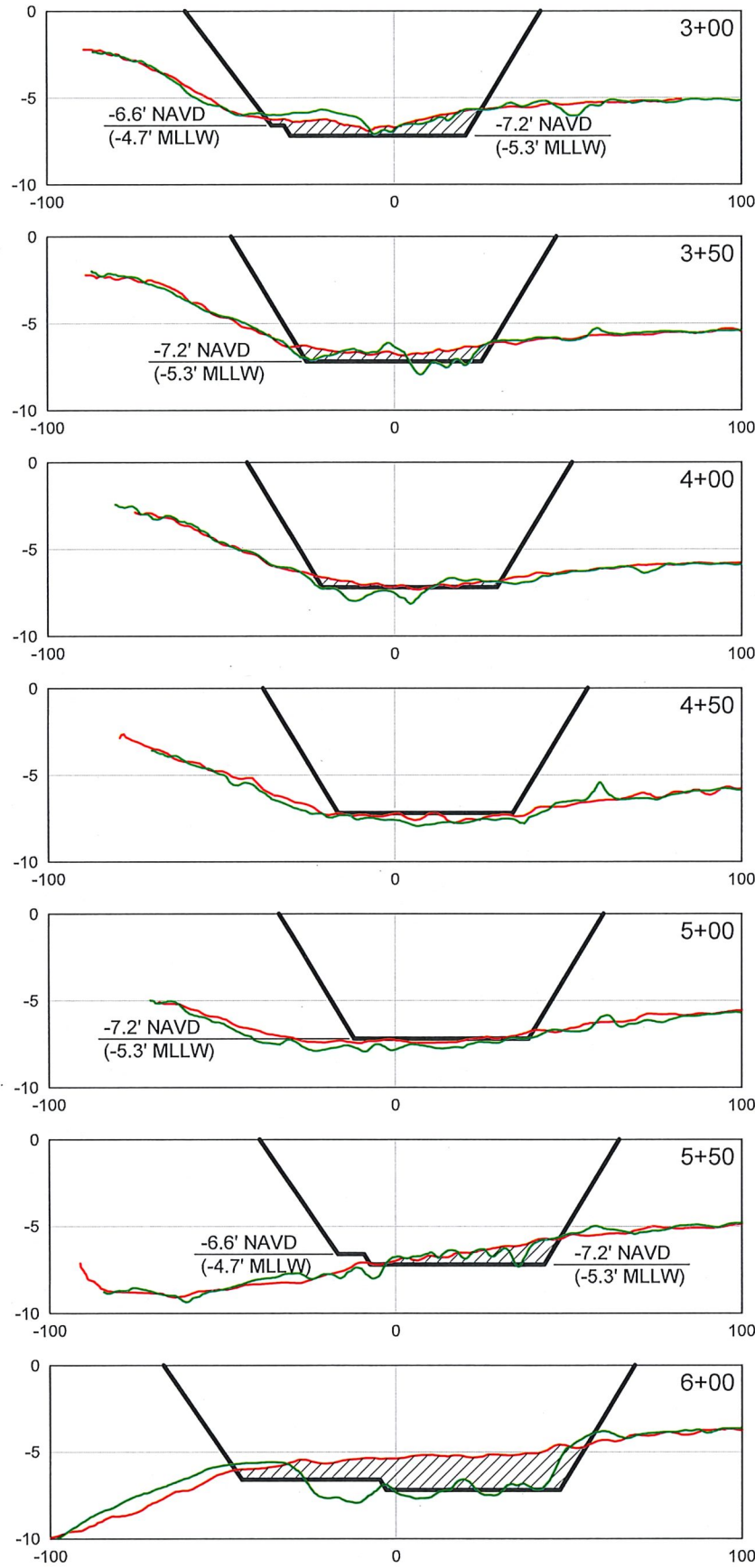
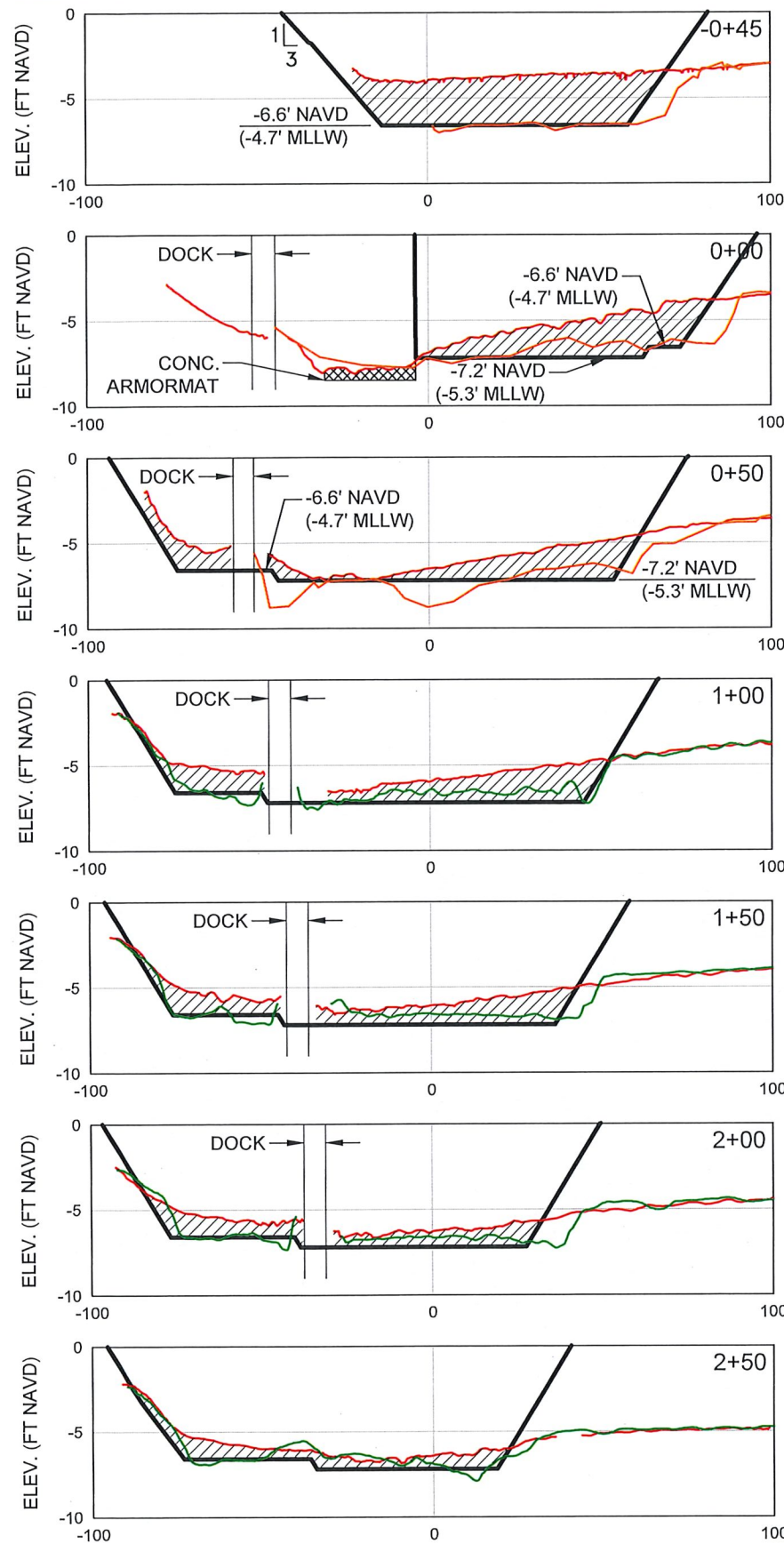
MEAN HIGHER HIGH WATER (MHHW) = +0.38 FT NAVD
 MEAN HIGH WATER (MHW) = +0.14 FT NAVD
 MEAN LOW WATER (MLW) = -1.40 FT NAVD
 MEAN LOWER LOW WATER (MLLW) = -1.88 FT NAVD



LEGEND
 ■ ▲ = EXISTING CHANNEL MARKERS
 0+00 = CHANNEL STATION



DATE: 11/25/2019		SCALE: AS NOTED
DRAWN: SDB	F.B.	
CHECKED: MTP	PG.	
SEC. TWP.	RNG.	
ACAD NO. 19005-PR-AS-Built.dwg		
REF. NO.	NO. 19.005	DATE BY
CLIENT: LEE COUNTY		
TITLE: PUNTA RASSA DREDGING AS-BUILT PLAN VIEW		
CIVIL ENGINEERING SURVEY & MAPPING COASTAL ENGINEERING ENVIRONMENTAL PLANNING SERVICES		
PHONE: (239)643-2324 A CECI GROUP COMPANY		
FAX: (239)643-1143 Serving Florida Since 1977		
E-Mail: info@ceci.com		
www.coastalengineering.com		
3108 SOUTH HORSESHOE DRIVE NAPLES, FLORIDA 34104		
SHEET 1		
FILE NO.: 19005-PR-AB-1		



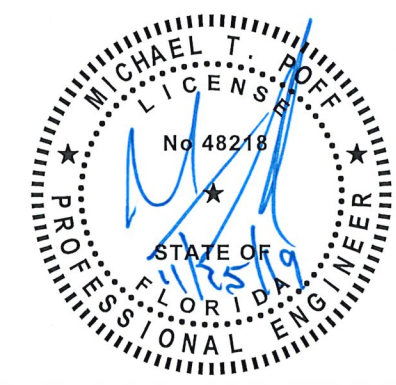
LEGEND:

- = EXISTING GRADE (2/6/2019)
- = EXISTING GRADE (10/8/2019)
- = EXISTING GRADE (10/17/2019)
- = PERMITTED DREDGE AREA

SCALE:
 H: 1" = 50'
 V: 1" = 10'

DATE:	11/25/2019	SCALE:	AS NOTED
DRAWN:	SDB	F.B.	
CHECKED:	MTP	FIG.	
SEC.	TWP.	RNG.	
ACAD NO.	19005-PR-AsBuilt.dwg		
REF. NO.	19.005	NO.	
	DATE	BY	REVISION DESCRIPTION

CLIENT: LEE COUNTY
 TITLE: PUNTA RASSA DREDGING AS-BUILT CROSS SECTIONS
 CIVIL ENGINEERING SURVEY & MAPPING COASTAL ENGINEERING ENVIRONMENTAL PLANNING SERVICES
 PHONE: (239) 643-2324
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 SHEET 2
 FILE NO.: 19005-PR-AB-2