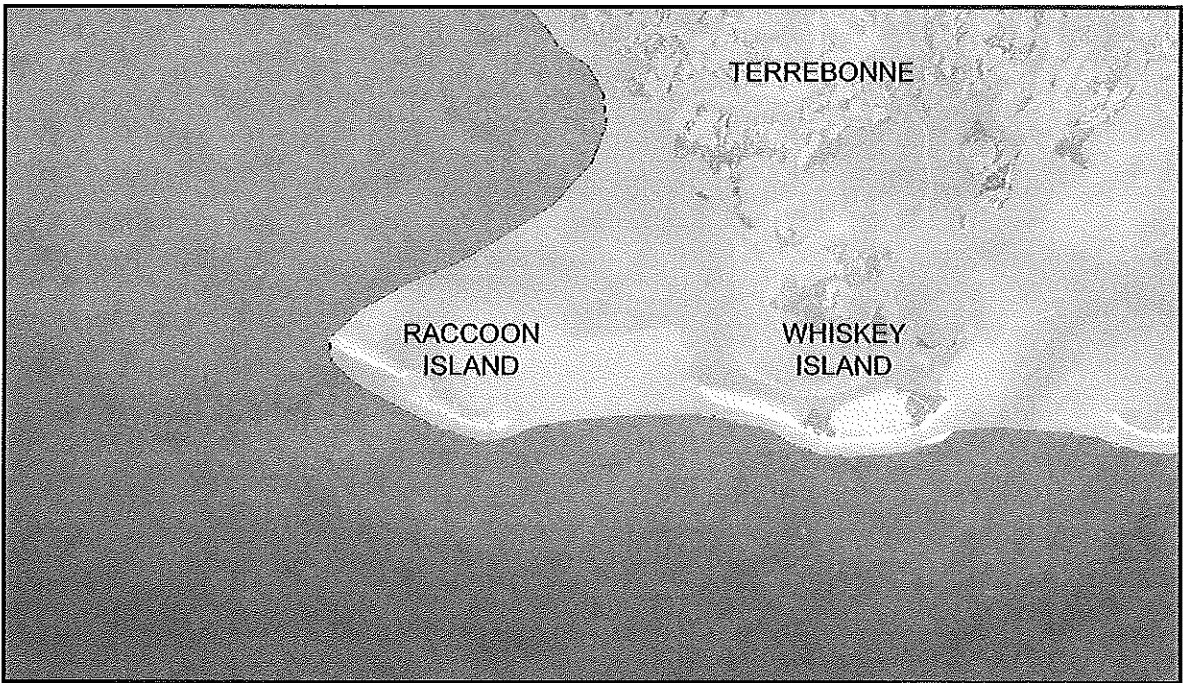
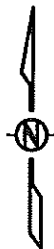


STATE OF LOUISIANA
COASTAL PROTECTION AND RESTORATION AUTHORITY

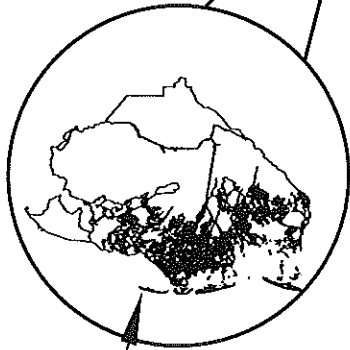
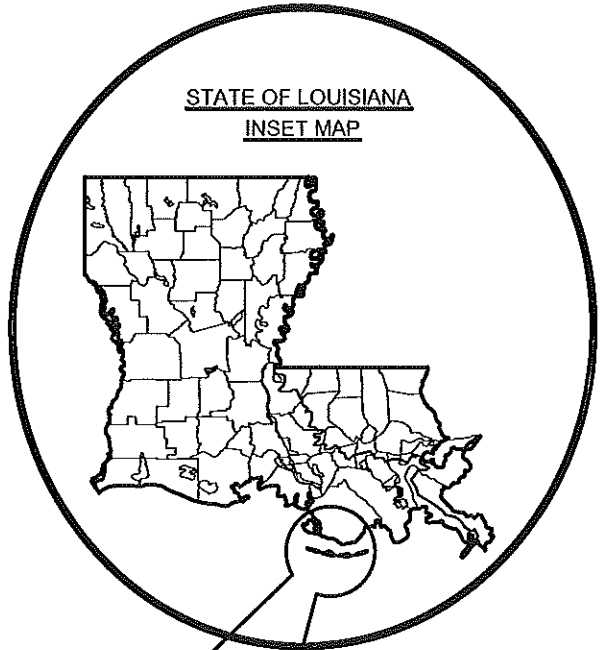
RACCOON ISLAND
BREAKWATER REHABILITATION PROJECT
PROJECT NO. TE-48
TERREBONNE PARISH

INDEX TO SHEETS

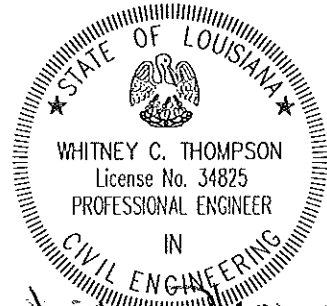
SHEET NO.	DESCRIPTION
1	TITLE SHEET AND SITE LOCATION
2	GENERAL NOTES AND SUMMARY OF QUANTITIES
3	ALIGNMENT TABLES
4	PLAN VIEW BASE BID
5	PLAN VIEW BASE BID & ADDITIVE ALTERNATE 1
6	PLAN VIEW BASE BID & ADDITIVE ALTERNATES 1 and 2
7	PLAN VIEW BASE BID & ADDITIVE ALTERNATES 1, 2 and 3
8-9	EAST GROIN PROFILE AND CROSS SECTIONS (BASE BID)
10-14	BREAKWATER PROFILES AND CROSS SECTIONS (BASE BID)
15	BREAKWATER PROFILES AND CROSS SECTIONS (ALTERNATE 1)
16	BREAKWATER PROFILES AND CROSS SECTIONS (ALTERNATE 2)
17	BREAKWATER PROFILES AND CROSS SECTIONS (ALTERNATE 3)



15,000 0' 15,000' 30,000'



PROJECT
AREA



Whitney C. Thompson
6/6/17

CHIEF, OPERATIONS DIVISION

REGIONAL MANAGER, OPERATIONS DIVISION

PROJECT ENGINEER, OPERATIONS DIVISION

LICENSURE CLASSIFICATION REQUIREMENTS

MAJOR CLASSIFICATION: HEAVY
CONSTRUCTION

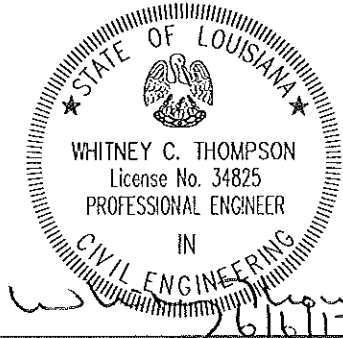
				CB&I COASTAL PLANNING & ENGINEERING, INC. 2481 N.W. BOCA RATON BOULEVARD BOCA RATON, FLORIDA 33431 PH. (561) 391-8102 FAX (561) 391-9116 C.O.A. FL. #4028 C.O.A. LA. #2531 www.CBI.COM	COASTAL PROTECTION AND RESTORATION AUTHORITY THIBODAUX FIELD OFFICE 1440 TIGER DRIVE, SUITE B, THIBODAUX, LOUISIANA 70301 (985)-447-0956	RACCOON ISLAND BREAKWATER REHABILITATION PROJECT		TITLE SHEET AND SITE LOCATION	
						STATE PROJECT NUMBER: TE-48			
								FEDERAL PROJECT NUMBER:	DATE: 6/1/17
REV.	DATE	DESCRIPTION	BY				DRAWN BY: GK	DESIGNED BY: CP	APPROVED BY: WT

GENERAL NOTES

1. ALL ELEVATIONS ARE GIVEN IN THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD '88) U.S. SURVEY FEET (FEET), GEOID 2012a. ALL HORIZONTAL COORDINATES ARE GIVEN IN THE NORTH AMERICAN DATUM OF 1983 (NAD '83, LOUISIANA STATE PLANE SOUTH ZONE) U.S. SURVEY FEET (FEET).
2. THE PROPOSED BREAKWATER AND EAST GROIN REHABILITATION WILL BE CONSTRUCTED TO AN ELEVATION OF APPROXIMATELY +4.5' NAVD88 AND WILL INSTALL 10,687 TONS OF STONE FOR THE BASE BID RANGING FROM 1 TON TO 1.7 TONS.
3. PLANS AND BID DOCUMENTS ARE COMPLIMENTARY; WHAT IS REQUIRED IN ONE IS AS BINDING AS IF REQUIRED BY ALL. CLARIFICATIONS AND INTERPRETATIONS OF, OR NOTIFICATIONS OF MINOR VARIATIONS AND DEVIATIONS IN THE CONTRACT DOCUMENTS, WILL BE ISSUED BY THE ENGINEER.
4. ELEVATIONS SHOWN ON THE PLANS ARE BASED ON SURVEYS PERFORMED IN FEBRUARY OF 2015. THE SURVEYS WERE CONDUCTED BY T. BAKER SMITH FOR CPRA.
5. MEAN HIGH WATER (MHW) AND MEAN LOW WATER (MLW) ARE BASED ON THE TIDE STATION AT GRAND ISLE, LOUISIANA AS WELL AS CRMS STATION 0302. ELEVATIONS ARE REFERENCED TO NAVD '88, US FEET.
6. THE CONTRACTOR SHALL LOCATE INFRASTRUCTURE IN ALL AREAS OF EXCAVATION AND ROCK REPLACEMENT AND OTHER WORK THAT MAY POTENTIALLY DAMAGE OR INTERFERE WITH EXISTING INFRASTRUCTURE, PRIOR TO ANY WORK. LOCATION OF INFRASTRUCTURE (PIPELINES, WELL HEADS, ETC.) ARE PROVIDED IN THE CONTRACT DOCUMENTS FOR INFORMATIONAL PURPOSES ONLY.
7. AVOIDING IMPACTS TO EXISTING VEGETATION: FOR PROTECTION OF EXISTING VEGETATION, ACCESS TO OR MOVEMENT ACROSS THE MARSH OUTSIDE OF THE DEFINED PROJECT AREA SHALL GENERALLY BE PROHIBITED WITHIN VEGETATED AREAS FOR ALL PERSONNEL AND EQUIPMENT. VEGETATED AREAS SHALL NOT BE USED FOR EQUIPMENT, PERSONNEL, OR MATERIAL ACCESS OR STORAGE.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NAVIGATING FROM A NAVIGABLE WATER BODY TO THE PROJECT AREA. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR NAVIGATING WITHIN THE LIMITS OF THE PROJECT PLAN AREA. NO ACCESS DREDGING IS PERMITTED. THE CPRA PROJECT ENGINEER OR REPRESENTATIVE SHALL HAVE THE RIGHT TO MONITOR THE EQUIPMENT LOCATION DURING CONSTRUCTION.
9. ALL EQUIPMENT SHALL BE FLOATING AT ALL TIMES DURING TRANSIT TO AND FROM THE PROJECT SITE.
10. THE ALIGNMENTS AND CONSTRUCTION VOLUMES MAY BE REVISED BY THE ENGINEER AT THE TIME OF CONSTRUCTION TO REFLECT CHANGES IN FIELD CONDITIONS.
11. ANY DAMAGE TO EXISTING U.S. COAST GUARD NAVIGATION AIDS OR PRIVATE NAVIGATION AIDS SHALL BE REPAIRED BY THE CONTRACTOR TO U.S. COAST GUARD STANDARDS AT THE EXPENSE OF THE CONTRACTOR.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING LAND OWNERS AND PIPELINE UTILITY OPERATORS 10 WORKING DAYS PRIOR TO MOBILIZATION. ALL PIPELINES AND UNDERGROUND UTILITIES SHALL BE MARKED WITH BUOYS OR FLAGGED STAKES DURING CONSTRUCTION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN THE CLEARANCES FROM THE PIPELINES SET FORTH IN THE PLAN DRAWINGS OR IN THE BID DOCUMENTS. SEE SP-7 "LAND OWNER AND LEASE HOLDER REQUIREMENTS". NO EXCAVATION IS ALLOWED WITHIN 50 FEET OF A PIPELINE UNLESS OTHERWISE STIPULATED IN AGREEMENT. PIPELINE LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATIONS. THE OWNER IS NOT LIABLE FOR EXACT LOCATIONS. THE CONTRACTOR MUST CALL LOUISIANA ONE CALL AT 1-800-272-3020 AT LEAST 5 WORKING DAYS PRIOR TO MOBILIZATION.

LANDOWNER:

LOUISIANA DEPARTMENT OF WILDLIFE AND FISHERIES
CONTACT: VAUGHAN McDONALD
PHONE: 255-763-8807



REV.	DATE	DESCRIPTION	BY

CB&I COASTAL PLANNING & ENGINEERING, INC.

2481 N.W. BOCA RATON BOULEVARD
BOCA RATON, FLORIDA 33431

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FAX (561) 391-9116

C.O.A. FL. #4028
C.O.A. LA. #2531
www.CBI.COM

COASTAL PROTECTION AND RESTORATION AUTHORITY
THIBODAUX FIELD OFFICE

1440 TIGER DRIVE, SUITE B,
THIBODAUX, LOUISIANA 70301 (985)-447-0956

DRAWN BY: GK

DESIGNED BY: CP

RACCOON ISLAND
BREAKWATER REHABILITATION PROJECT

STATE PROJECT NUMBER: TE-48

FEDERAL PROJECT NUMBER:

APPROVED BY: WT

GENERAL NOTES
AND SUMMARY OF
ESTIMATED QUANTITIES

DATE: 6/1/17

SHEET 2 OF 17

SUMMARY OF ESTIMATED QUANTITIES

ITEM NUMBER	DESCRIPTION	UNIT	ESTIMATED QUANTITY
BASE BID (GROIN, BW 0-4)			
1	MOBILIZATION /DEMOBILIZATION	LUMP SUM	1
2	BREAKWATER REHABILITATION ARMOR STONE	TONS	10,678
ADDITIVE ALTERNATE 1 (BW 5)			
3	BREAKWATER REHABILITATION ARMOR STONE	TONS	1,958
ADDITIVE ALTERNATE 2 (BW 6)			
4	BREAKWATER REHABILITATION ARMOR STONE	TONS	1,668
ADDITIVE ALTERNATE 3 (BW 7)			
5	BREAKWATER REHABILITATION ARMOR STONE	TONS	3,064

NOTE:

1. QUANTITIES ARE ESTIMATES BASED ON SURVEYS CONDUCTED IN FEBRUARY 2015 . WHERE THE QUANTITY OF WORK WITH RESPECT TO ANY ITEM IS COVERED BY A UNIT PRICE, SUCH QUANTITIES ARE ESTIMATED QUANTITIES TO BE USED WHEN COMPARING BIDS AND THE RIGHT IS RESERVED BY THE OWNER TO INCREASE/ DECREASE SUCH QUANTITIES AS MAY BE NECESSARY TO COMPETE THE WORK AND REMAIN WITHIN FUNDING LIMITS. IN THE EVENT OF MATERIAL OVERUNS/ UNDERRUNS BY LESS THAN TWENTY-FIVE PERCENT (25%), THE BID UNIT COSTS WILL BE USED TO DETERMINE PAYMENT TO THE CONTRACTOR. IF THE ACTUAL QUANTITY OF THE UNIT-PRICED ITEM VARIES MORE THAN TWENTY-FIVE PERCENT (25%) ABOVE OR BELOW THE ESTIMATED QUANTITY , AN EQUITABLE ADJUSTMENT IN THE CONTRACT PRICE SHALL BE MADE UPON DEMAND OF EITHER PARTY.
2. ROCK QUANTITIES ARE BASED ON NO VOIDS AND NO TOLERANCES.

TIDAL DATUMS AT GRAND ISLE, LOUISIANA

TIDAL DATUM	ELEVATION
MEAN HIGH WATER (MHW)	+1.75'
MEAN LOW WATER (MLW)	+0.13'

SOURCE: CPRA CRMS 0302. NOTE: ELEVATIONS ARE REFERENCED TO NAVD 1988, U.S. SURVEY FEET, GEOID 2009.

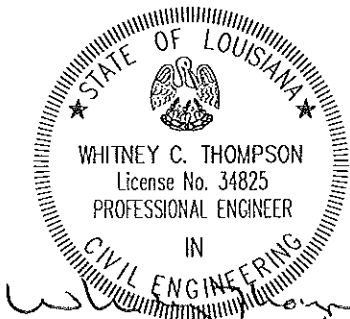
BENCHMARK CONTROL POINT

MONUMENT	EASTING	NORTHING	ELEVATION
TE-48-SM-01 (COON)	3,408,702.132	201,740.532	+1.488'

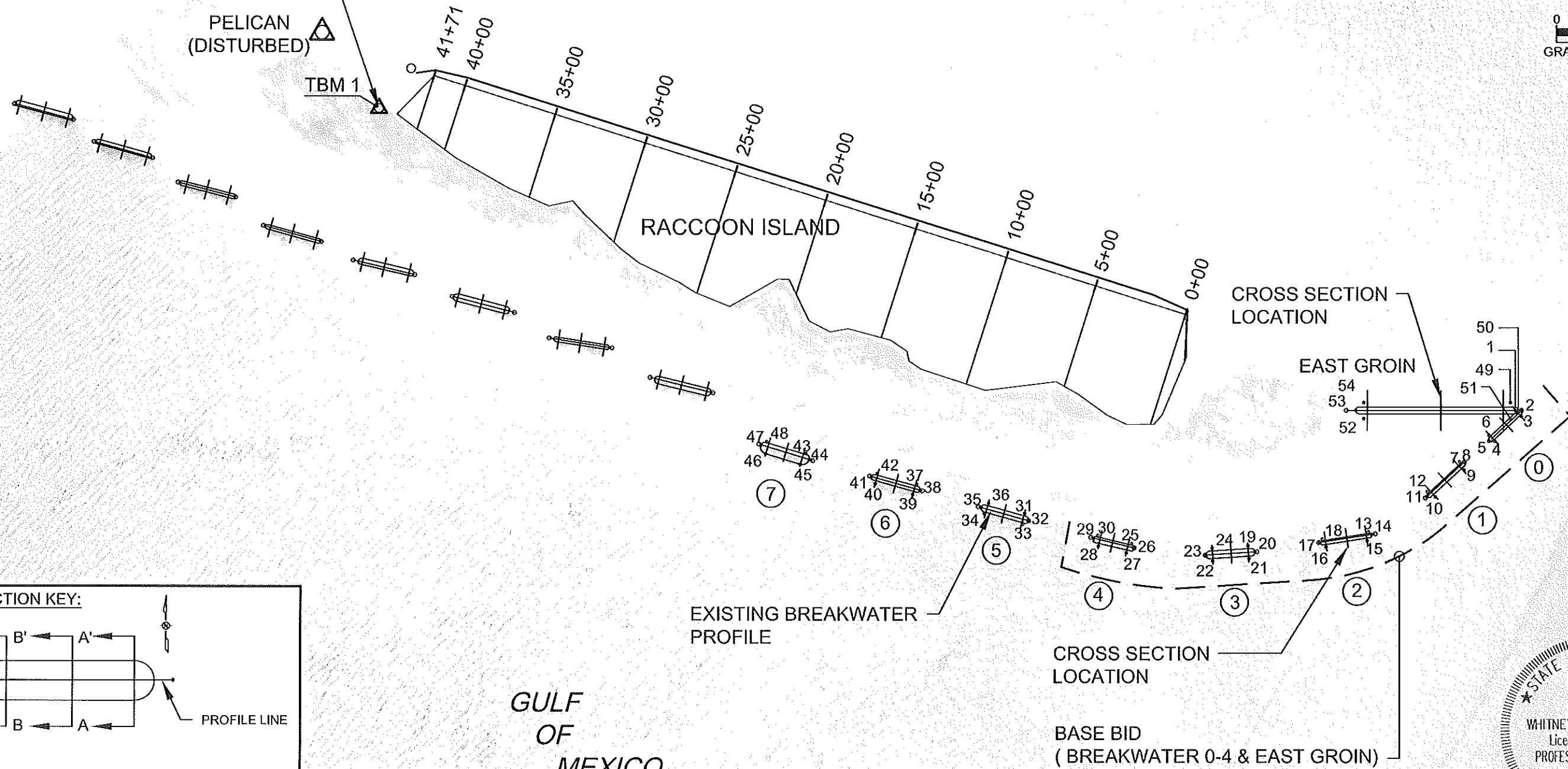
NOTE: MONUMENT IS LOCATED NEAR THE WEST END OF THE ISLAND. COORDINATES ARE IN STATE PLANE, NAD 1983, LOUISIANA SOUTH ZONE, U.S. SURVEY FEET. ELEVATIONS ARE REFERENCED TO NAVD 1988, U.S. SURVEY FEET, GEOID 2012a.

ALIGNMENT TABLES

PT. No.	EAST	NORTH	PT. No.	EAST	NORTH
1	3414718	200147	28	3412511	199427
2	3414750	200146	29	3412485	199470
3	3414749	200115	30	3412508	199484
4	3414609	199983	31	3412117	199601
5	3414577	199984	32	3412140	199561
6	3414578	200016	33	3412106	199542
7	3414423	199875	34	3411904	199598
8	3414448	199875	35	3411885	199632
9	3414446	199832	36	3411924	199654
10	3414294	199691	37	3411548	199754
11	3414252	199692	38	3411566	199723
12	3414253	199717	39	3411528	199701
13	3413941	199504	40	3411329	199757
14	3413959	199491	41	3411308	199795
15	3413935	199457	42	3411340	199813
16	3413717	199424	43	3410963	199916
17	3413684	199448	44	3410980	199885
18	3413698	199467	45	3410932	199859
19	3413302	199430	46	3410749	199915
20	3413340	199398	47	3410724	199963
21	3413309	199362	48	3410755	199979
22	3413116	199349	49	3414690	200190
23	3413080	199380	50	3414733	200147
24	3413113	199417	51	3414690	200104
25	3412687	199442	52	3413918	200104
26	3412702	199418	53	3413875	200147
27	3412659	199392	54	3413918	200190



				CB&I COASTAL PLANNING & ENGINEERING, INC. 2481 N.W. BOCA RATON BOULEVARD BOCA RATON, FLORIDA 33431 PH. (561) 391-8102 FAX (561) 391-9116 C.O.A. FL. #4028 C.O.A. LA. #2531 www.CBI.COM	COASTAL PROTECTION AND RESTORATION AUTHORITY THIBODAUX FIELD OFFICE 1440 TIGER DRIVE, SUITE B, THIBODAUX, LOUISIANA 70301 (985)-447-0956	RACCOON ISLAND BREAKWATER REHABILITATION PROJECT		ALIGNMENT TABLES	
						STATE PROJECT NUMBER: TE-48			
						FEDERAL PROJECT NUMBER:		DATE: 6/11/17	
REV.	DATE	DESCRIPTION	BY			DRAWN BY: GK	DESIGNED BY: CP	APPROVED BY: WT	SHEET 3 OF 17



CROSS SECTION KEY:

PROFILE LINE

12 BREAKWATER AND NUMBER
65 ALIGNMENT POINT AND ID# (SHEET 3.)

1. COORDINATES ARE IN FEET BASED ON LOUISIANA STATE PLANE COORDINATE SYSTEM, SOUTH ZONE, NORTH AMERICAN DATUM OF 1983 (NAD83).
2. AERIAL PHOTOGRAPHY DATED: NAIP 2015.

REV.	DATE	DESCRIPTION	BY

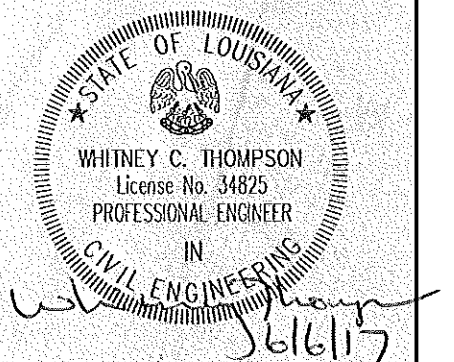
C.O.A. FL. #4028
C.O.A. LA. #2531
www.CBI.COM

1440 TIGER DRIVE, SUITE B,
THIBODAUX, LOUISIANA 70301 (985)-447-0956

DESIGNED BY: CP

APPROVED BY: WT

SHEET 4 OF 17

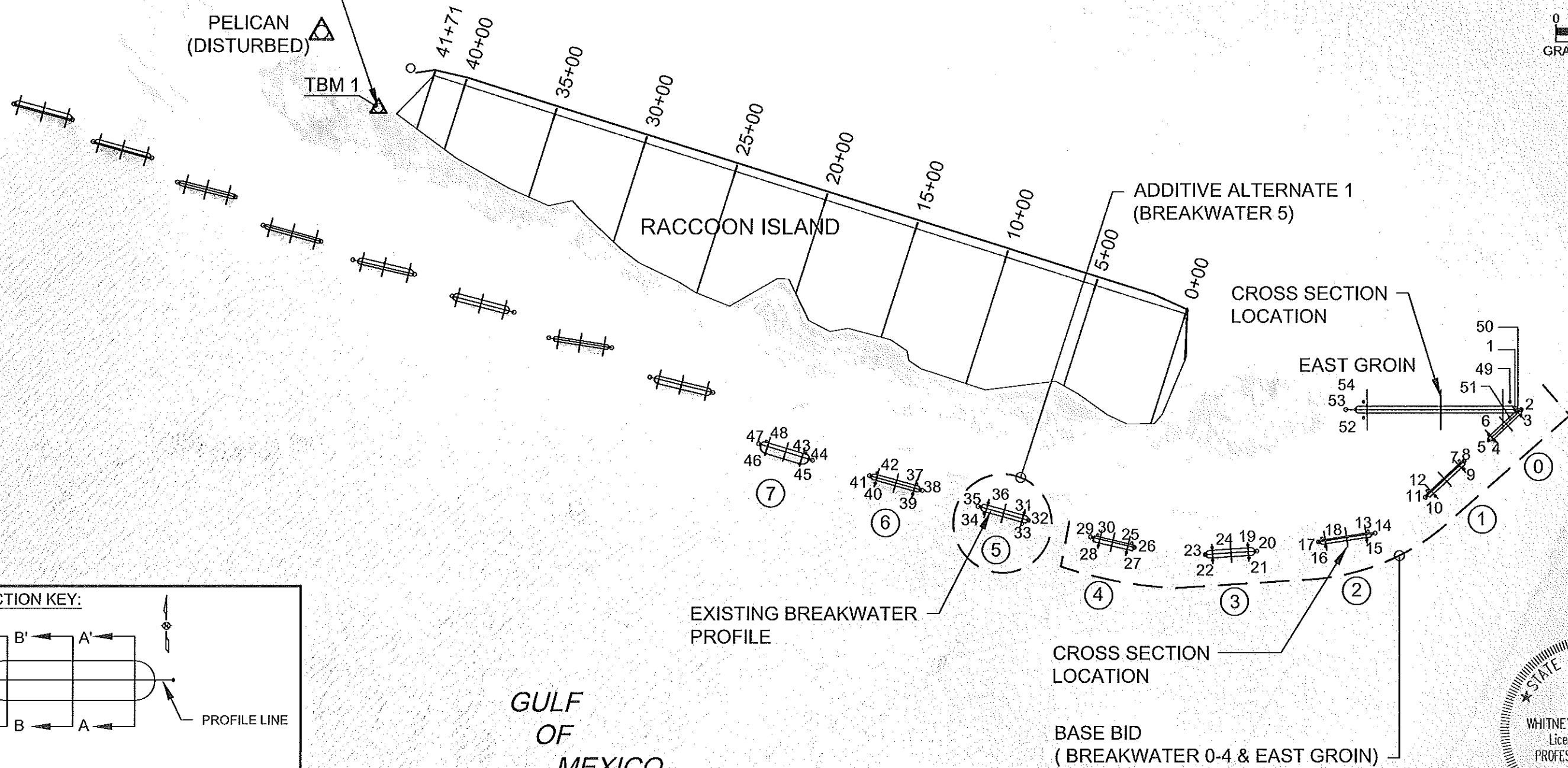
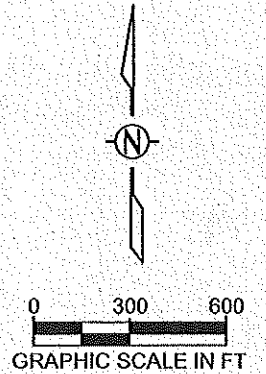


TE48-SM-01 (COON)
ELEV. +1.488'
X= 3,408,702.132'
Y= 201,740.532'

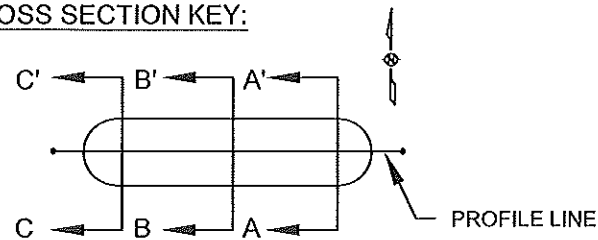
PELICAN
(DISTURBED)

TBM 1

CAILLOU BAY



CROSS SECTION KEY:



LEGEND:

- (12) BREAKWATER AND NUMBER
•65 ALIGNMENT POINT AND ID# (SHEET 3.)

NOTES:

- COORDINATES ARE IN FEET BASED ON LOUISIANA STATE PLANE COORDINATE SYSTEM, SOUTH ZONE, NORTH AMERICAN DATUM OF 1983 (NAD83).
- AERIAL PHOTOGRAPHY DATED: NAIP 2015.

REV.	DATE	DESCRIPTION	BY

CB&I COASTAL PLANNING & ENGINEERING, INC.

2481 N.W. BOCA RATON BOULEVARD
BOCA RATON, FLORIDA 33431

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C.O.A. LA. #2531
www.CBI.COM

**COASTAL PROTECTION AND RESTORATION AUTHORITY
THIBODAUX FIELD OFFICE**

1440 TIGER DRIVE, SUITE B,
THIBODAUX, LOUISIANA 70301 (985)-447-0956

DRAWN BY: GK

DESIGNED BY: CP

**RACCOON ISLAND
BREAKWATER REHABILITATION PROJECT**

STATE PROJECT NUMBER: TE-48

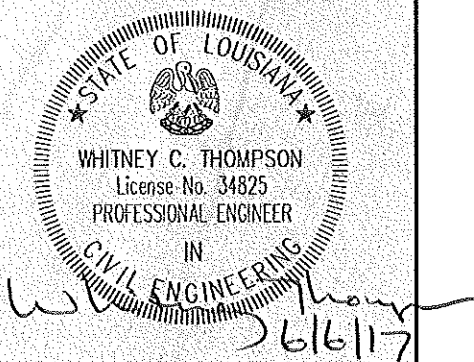
FEDERAL PROJECT NUMBER:

APPROVED BY: WT

**PLAN VIEW
BASE BID AND ADDITIVE
ALTERNATE 1**

DATE: 6/1/17

SHEET 5 OF 17



TE48-SM-01 (COON)
ELEV. +1.488'
X= 3,408,702.132'
Y= 201,740.532'

PELICAN
(DISTURBED)

TBM 1

CAILLOU BAY

0 300 600
GRAPHIC SCALE IN FT

RACCOON ISLAND

ADDITIVE ALTERNATE 2
(BREAKWATER 6)

ADDITIVE ALTERNATE 1
(BREAKWATER 5)

CROSS SECTION
LOCATION

EAST GROIN

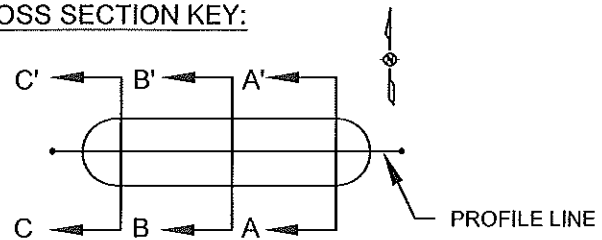
EXISTING BREAKWATER
PROFILE

CROSS SECTION
LOCATION

BASE BID
(BREAKWATER 0-4 & EAST GROIN)

GULF
OF
MEXICO

CROSS SECTION KEY:



LEGEND:

- (12) BREAKWATER AND NUMBER
•65 ALIGNMENT POINT AND ID# (SHEET 3.)

NOTES:

- COORDINATES ARE IN FEET BASED ON LOUISIANA STATE PLANE COORDINATE SYSTEM, SOUTH ZONE, NORTH AMERICAN DATUM OF 1983 (NAD83).
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BREAKWATER REHABILITATION PROJECT

STATE PROJECT NUMBER: TE-48

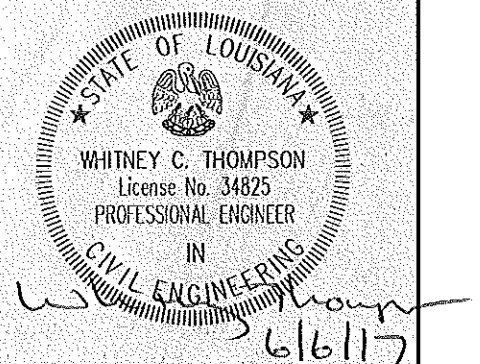
FEDERAL PROJECT NUMBER:

APPROVED BY: WT

PLAN VIEW
BASE BID AND ADDITIVE
ALTERNATES 1 AND 2

DATE: 6/1/17

SHEET 6 OF 17



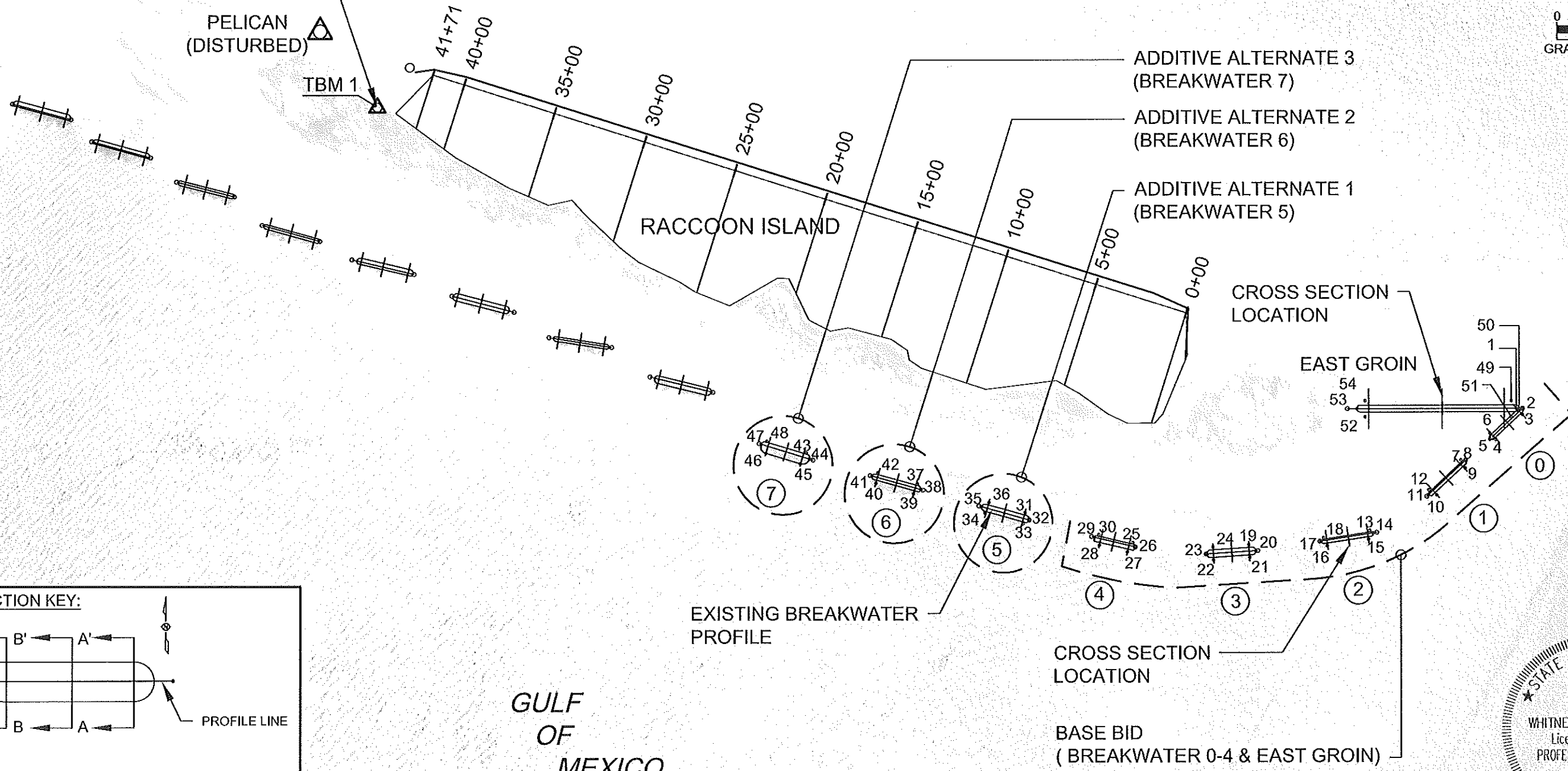
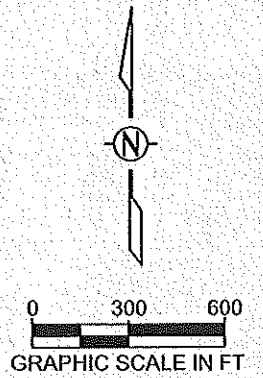
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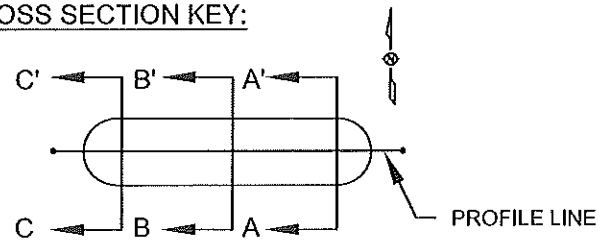
PELICAN
(DISTURBED)

TBM 1

CAILLOU BAY



CROSS SECTION KEY:



LEGEND:

- ⑫ BREAKWATER AND NUMBER
•65 ALIGNMENT POINT AND ID# (SHEET 3.)

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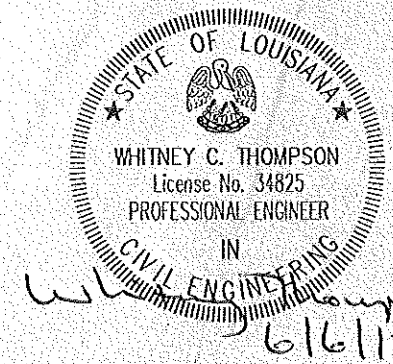
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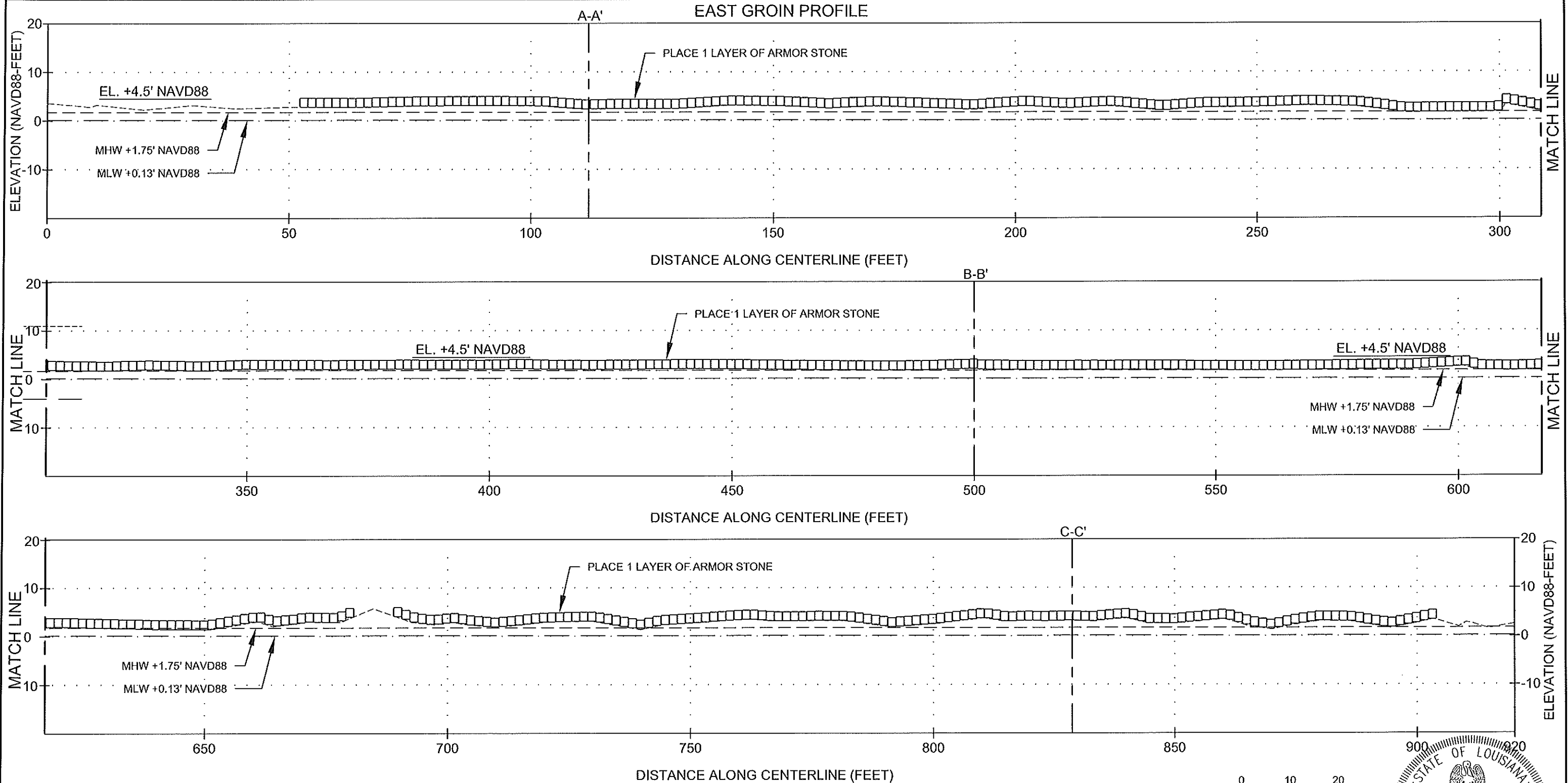
APPROVED BY: WT

**PLAN VIEW
BASE BID AND ADDITIVE
ALTERNATES 1, 2 AND 3**

DATE: 6/1/17

SHEET 7 OF 17



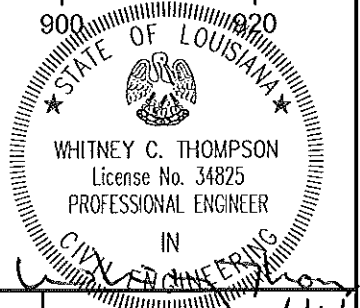
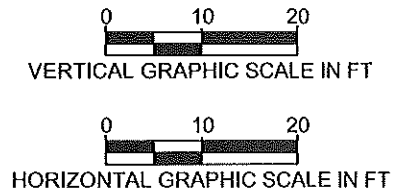


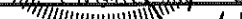
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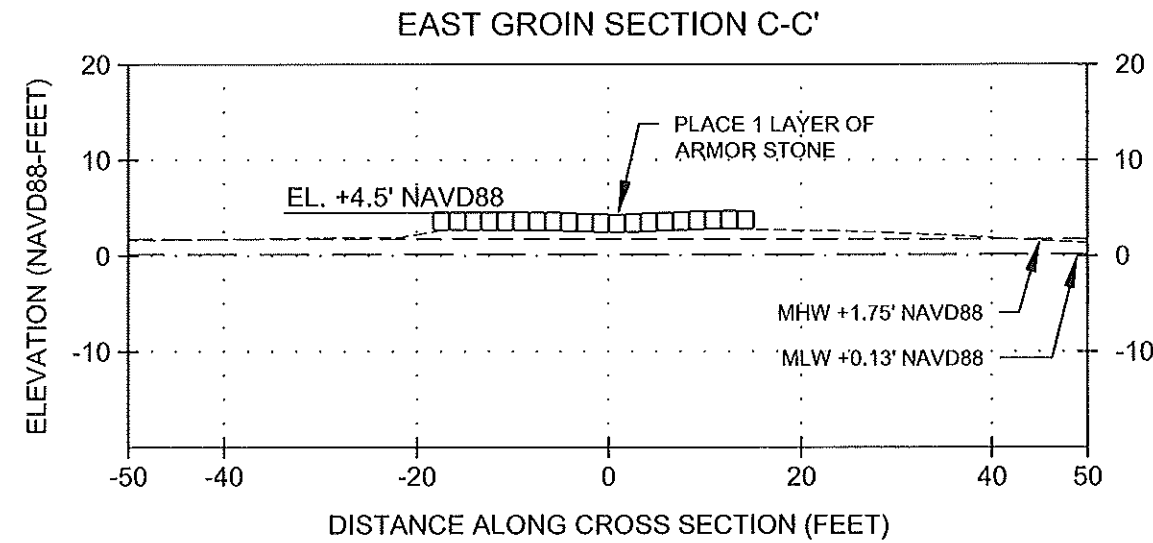
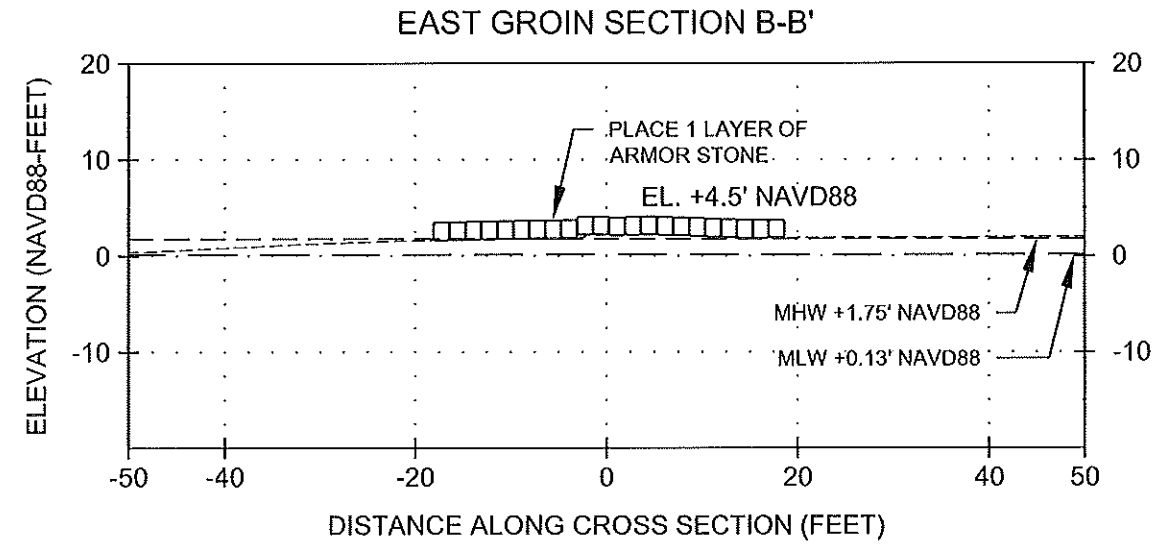
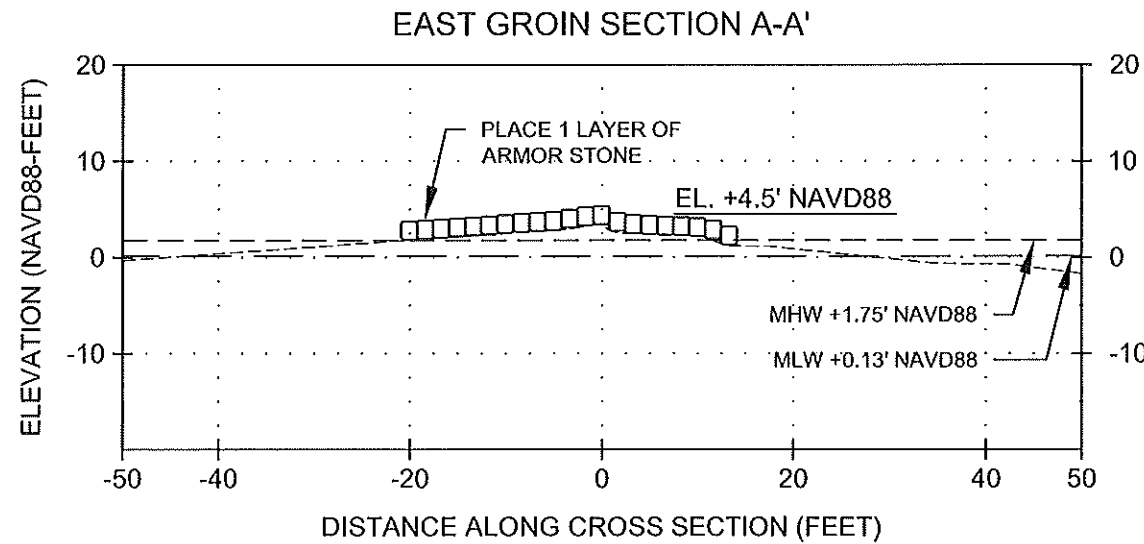
1. ALL PROFILE VIEWS ARE LOOKING NORTH.
2. ALL SECTION VIEWS ARE LOOKING WEST.
3. ARMOR STONE TO BE ACQUIRED FROM OFFSITE LOCATION.
4. ARMOR STONE ON THE BREAKWATERS AND GROIN RANGES FROM 1.0 TO 1.7 TONS.
5. SEE SHEET 4 FOR LOCATIONS OF SECTIONS A-A', B-B' AND C-C'.

LEGEND:

- TOPOGRAPHIC SURVEY DATED FEBRUARY 2015 BY T. BAKER SMITH
- MHW +1.75'
- MLW +0.13'
- 1 TO 1.7 TON ARMOR STONE



				CB&I COASTAL PLANNING & ENGINEERING, INC. 2481 N.W. BOCA RATON BOULEVARD BOCA RATON, FLORIDA 33431 PH. (561) 391-8102 FAX (561) 391-9116 C.O.A. FL. #4028 C.O.A. LA. #2531 www.CBI.COM	COASTAL PROTECTION AND RESTORATION AUTHORITY THIBODAUX FIELD OFFICE 1440 TIGER DRIVE, SUITE B, THIBODAUX, LOUISIANA 70301 (985)-447-0956	RACCOON ISLAND BREAKWATER REHABILITATION PROJECT		 EAST GROIN PROFILES (BASE BID) 6/6/17
						STATE PROJECT NUMBER: TE-48		
						FEDERAL PROJECT NUMBER:	DATE: 6/1/17	
REV.	DATE	DESCRIPTION	BY			DRAWN BY: GK	DESIGNED BY: CP	APPROVED BY: WT



LEGEND:

- TOPOGRAPHIC SURVEY DATED FEBRUARY 2015 BY T. BAKER SMITH
- - - - MHW +1.75'
- — MLW +0.13'
- 1 TO 1.7 TON ARMOR STONE

NOTE:

1. ALL PROFILE VIEWS ARE LOOKING NORTH.
2. ALL SECTION VIEWS ARE LOOKING WEST.
3. ARMOR STONE TO BE ACQUIRED FROM OFFSITE LOCATION.
4. ARMOR STONE ON THE BREAKWATERS AND GROIN RANGES FROM 1.0 TO 1.7 TONS.
5. SEE SHEET 4 FOR LOCATIONS OF SECTIONS A-A', B-B' AND C-C'.

REV.	DATE	DESCRIPTION	BY

CB&I COASTAL PLANNING & ENGINEERING, INC.

2481 N.W. BOCA RATON BOULEVARD
BOCA RATON, FLORIDA 33431

PH. (561) 391-8102
FAX (561) 391-9116

C.O.A. FL #4028
C.O.A. LA #2531
www.CBI.COM

**COASTAL PROTECTION AND RESTORATION AUTHORITY
THIBODAUX FIELD OFFICE**

1440 TIGER DRIVE, SUITE B,
THIBODAUX, LOUISIANA 70301 (985)-447-0956

DRAWN BY: GK

DESIGNED BY: CP

**RACCOON ISLAND
BREAKWATER REHABILITATION PROJECT**

STATE PROJECT NUMBER: TE-48

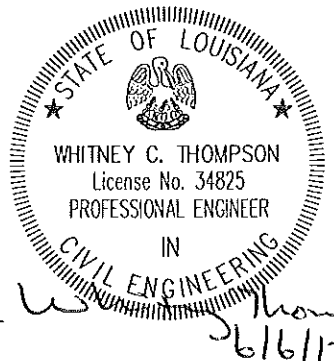
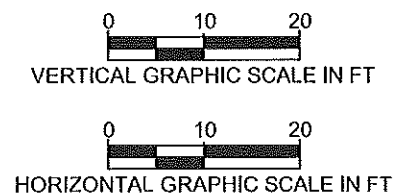
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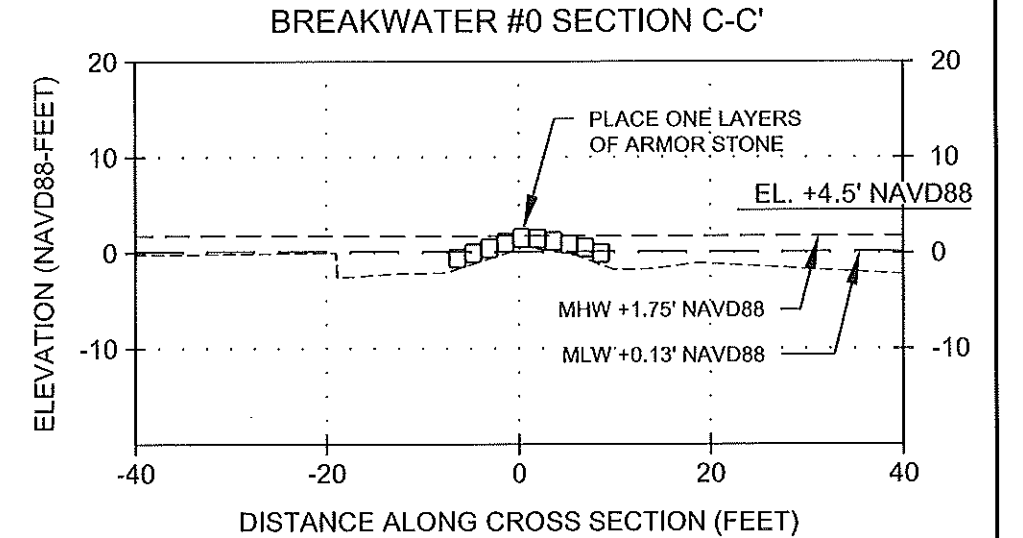
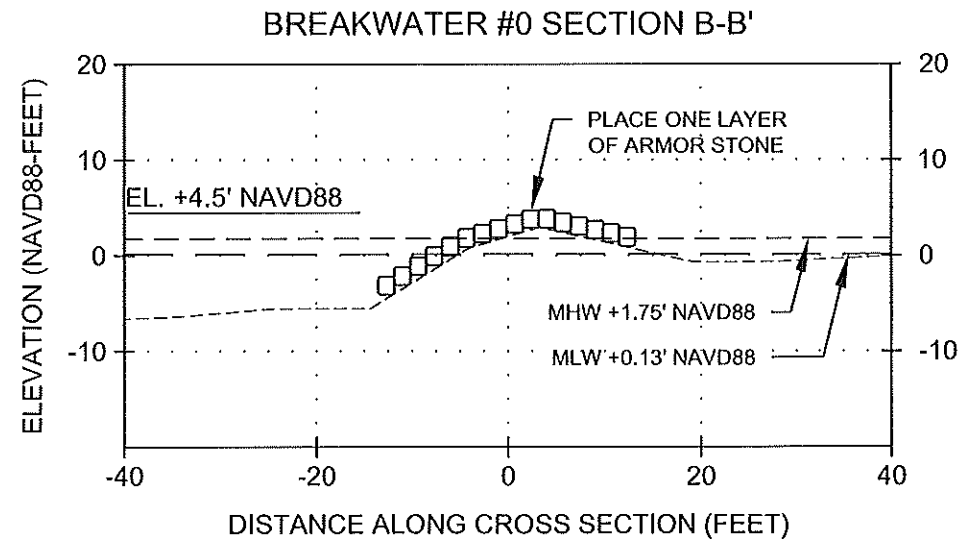
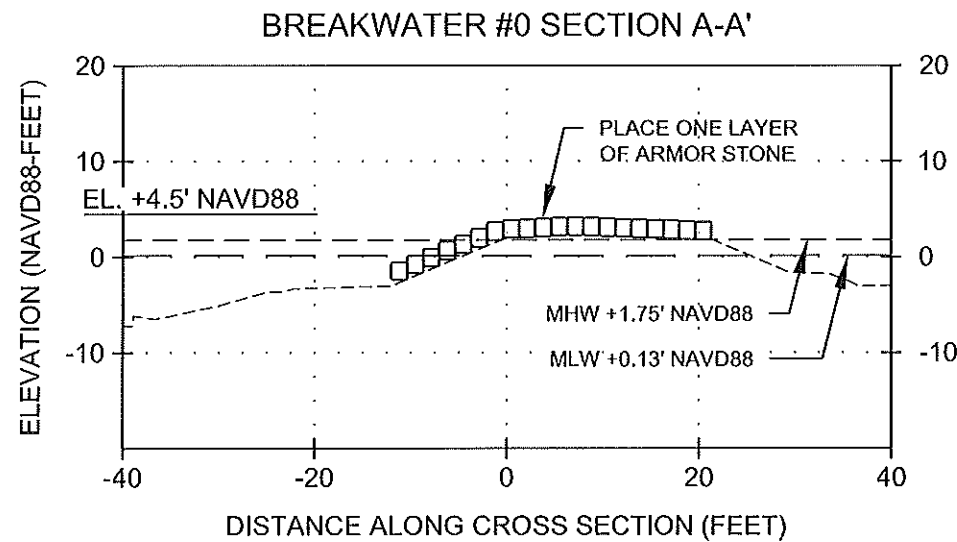
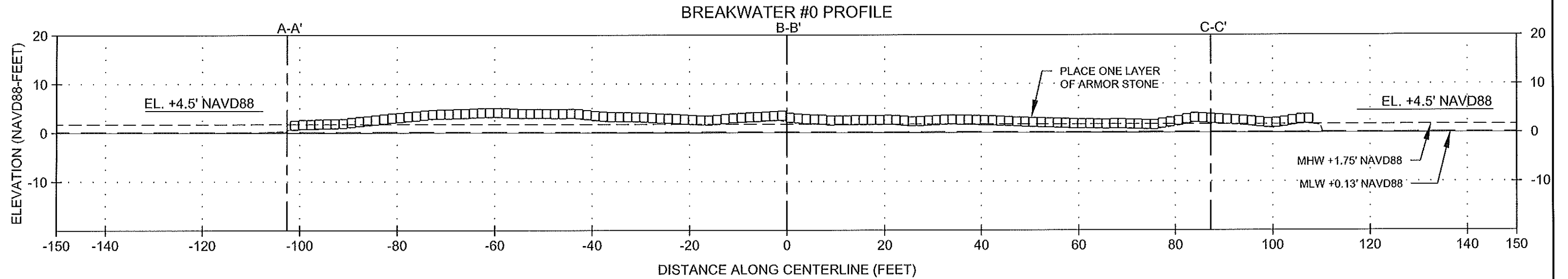
APPROVED BY: WT

**EAST GROIN
CROSS SECTIONS
(BASE BID)**

DATE: 6/1/17

SHEET 9 OF 17



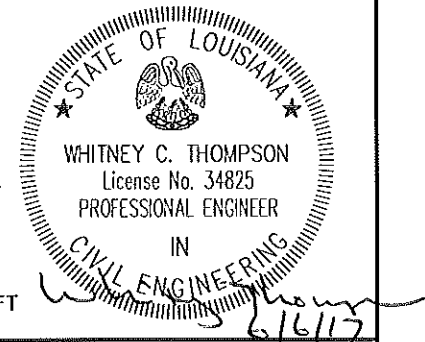
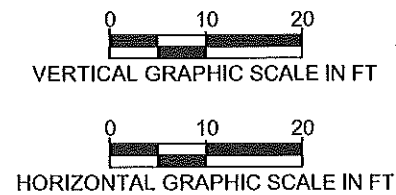


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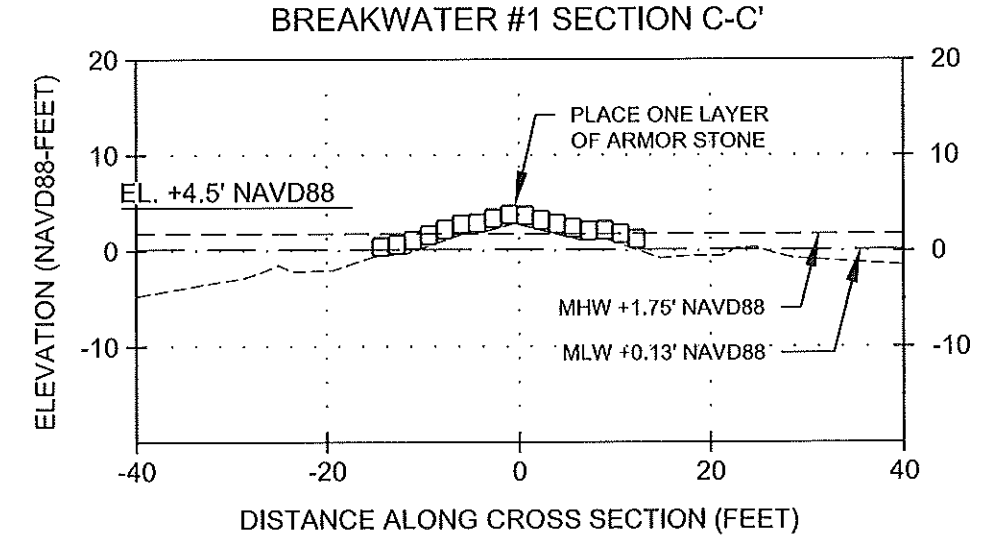
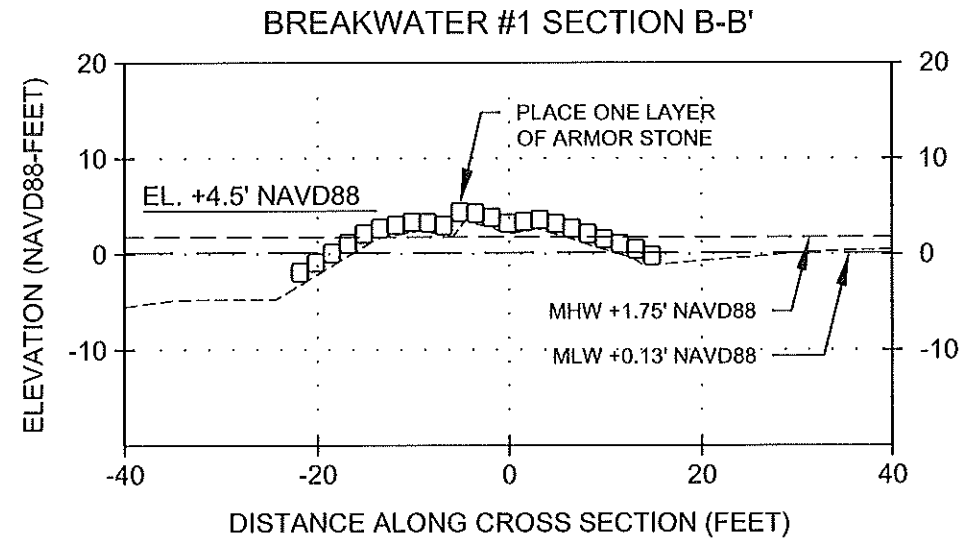
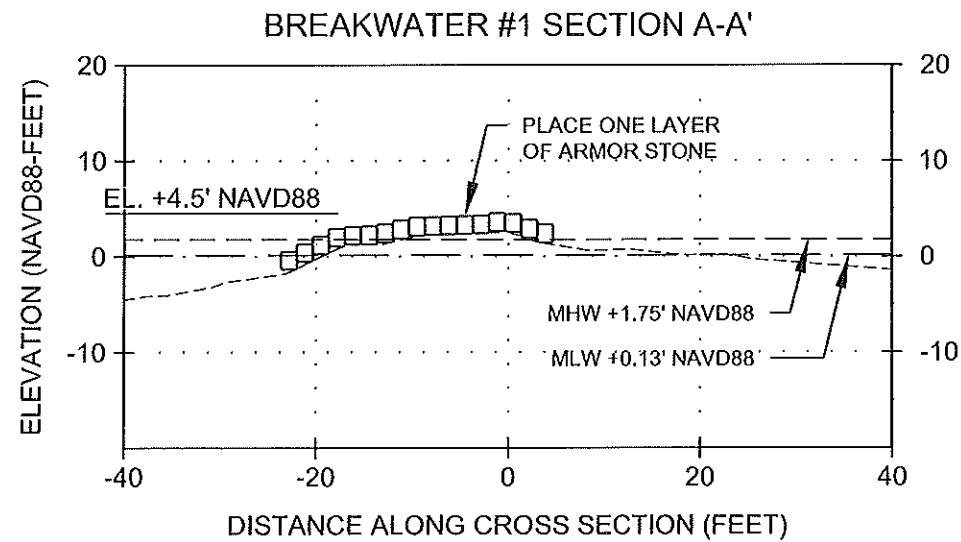
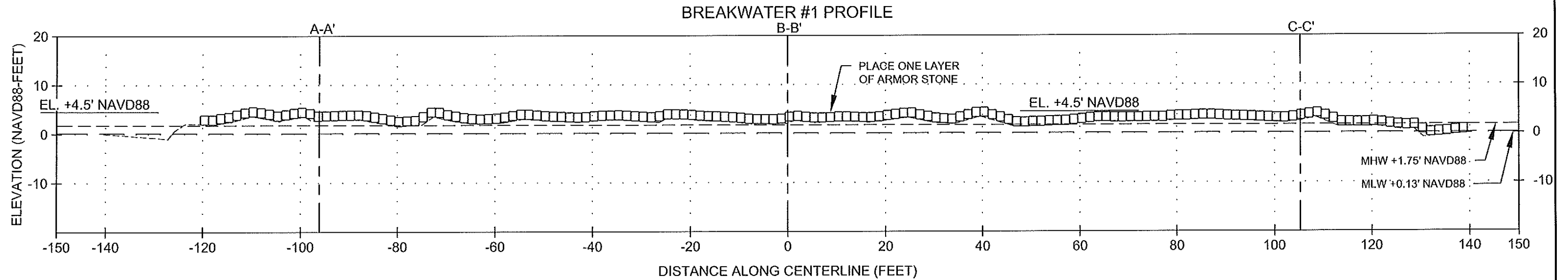
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5. SEE SHEET 4 FOR LOCATIONS OF SECTIONS A-A', B-B' AND C-C'.

LEGEND:

- TOPOGRAPHIC SURVEY DATED FEBRUARY 2015 BY T. BAKER SMITH
- MHW +1.75'
- MLW +0.13'
- 1 TO 1.7 TON ARMOR STONE



				CB&I COASTAL PLANNING & ENGINEERING, INC. 2481 N.W. BOCA RATON BOULEVARD BOCA RATON, FLORIDA 33431 PH (561) 391-8102 FAX (561) 391-9116 C.O.A. FL. #4028 C.O.A. LA. #2531 www.CBI.COM	COASTAL PROTECTION AND RESTORATION AUTHORITY THIBODAUX FIELD OFFICE 1440 TIGER DRIVE, SUITE B, THIBODAUX, LOUISIANA 70301 (985)-447-0956	RACCOON ISLAND BREAKWATER REHABILITATION PROJECT		BEAKWATER PROFILE AND CROSS SECTIONS (BASE BID)
						STATE PROJECT NUMBER: TE-48		
						FEDERAL PROJECT NUMBER:	DATE: 6/1/17	
REV.	DATE	DESCRIPTION	BY			DRAWN BY: GK	DESIGNED BY: CP	APPROVED BY: WT

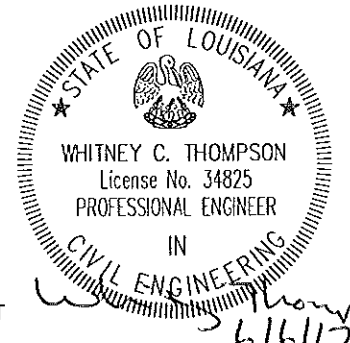
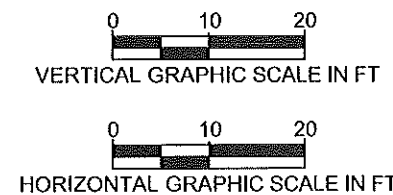


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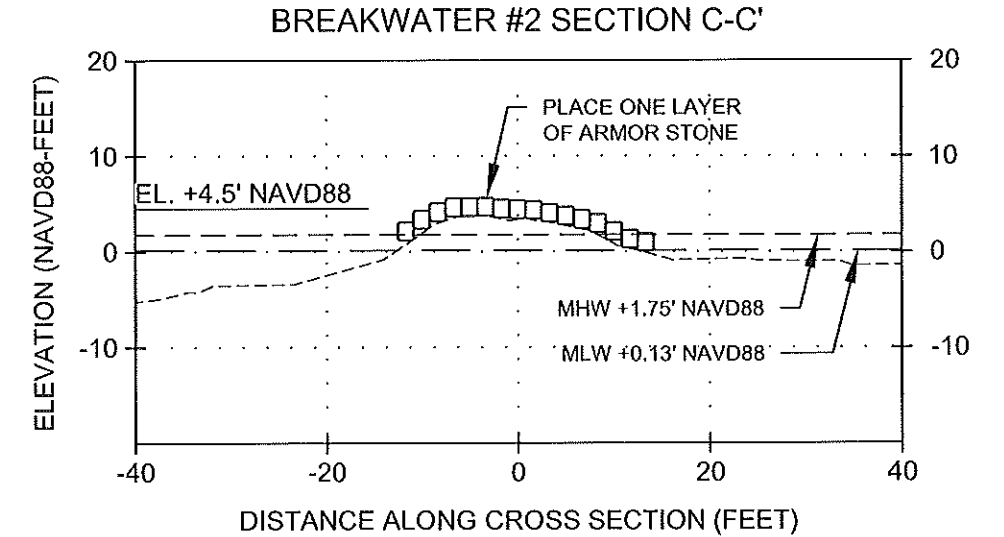
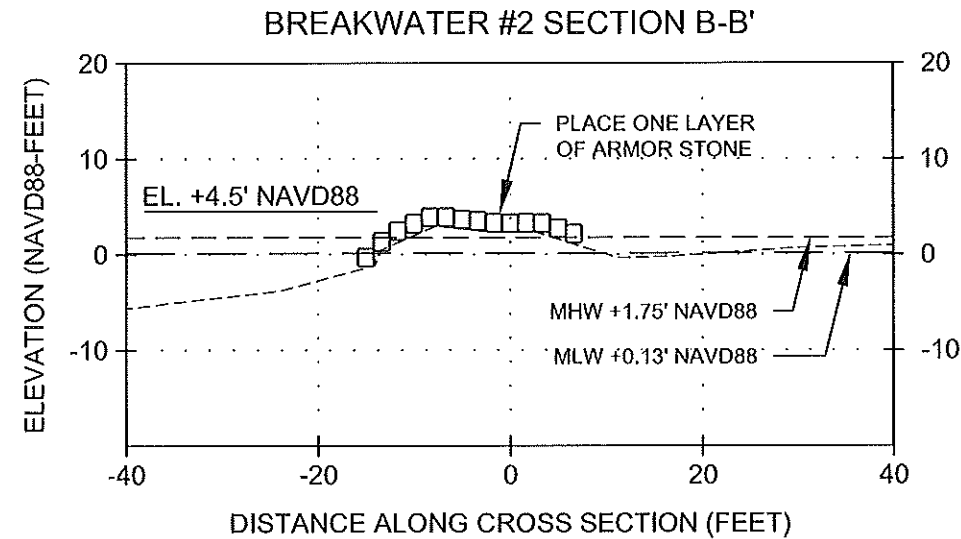
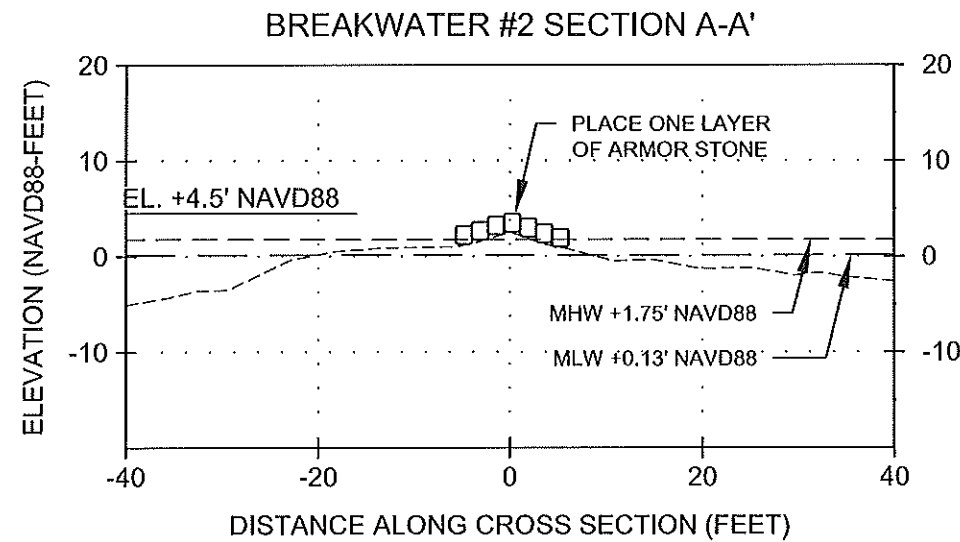
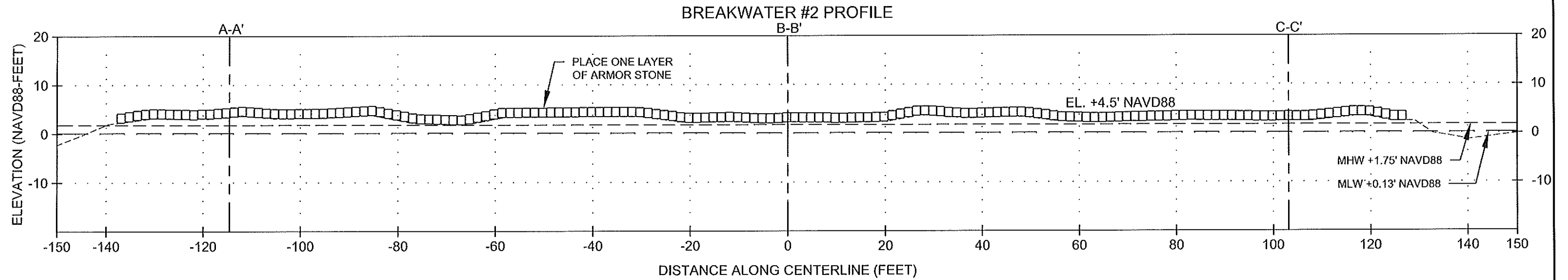
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						FEDERAL PROJECT NUMBER:	DATE: 6/1/17	
REV	DATE	DESCRIPTION	BY			DRAWN BY: GK	DESIGNED BY: CP	APPROVED BY: WT



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THIBODAUX, LOUISIANA 70301 (985)-447-0956

DRAWN BY: GK

DESIGNED BY: CP

**RACCOON ISLAND
BREAKWATER REHABILITATION PROJECT**

STATE PROJECT NUMBER: TE-48

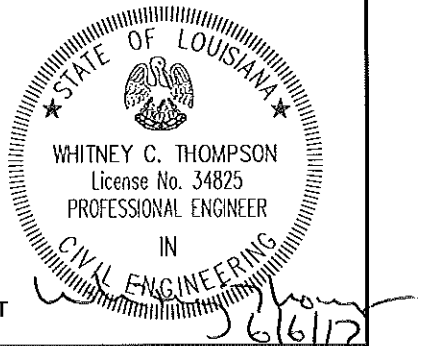
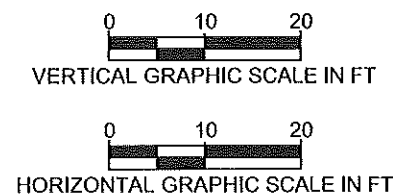
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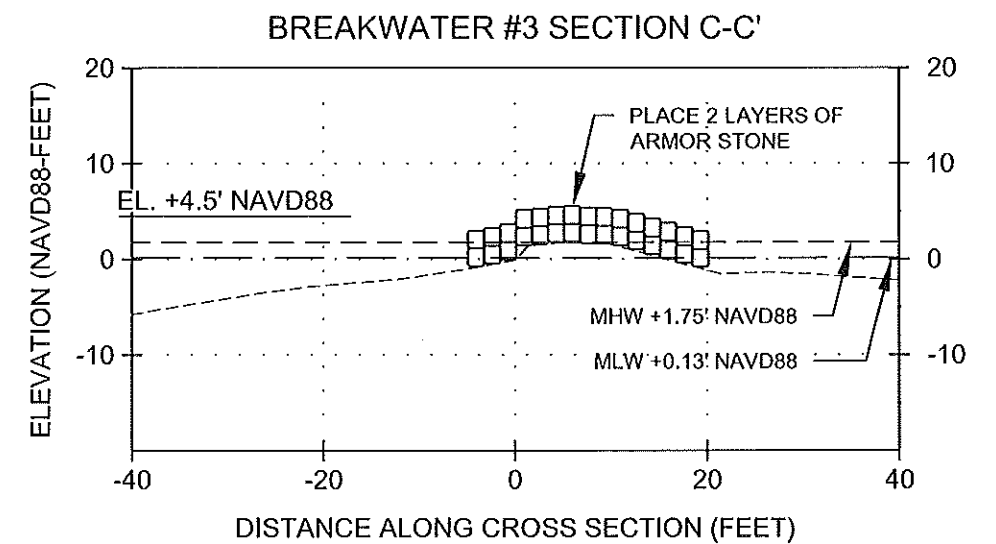
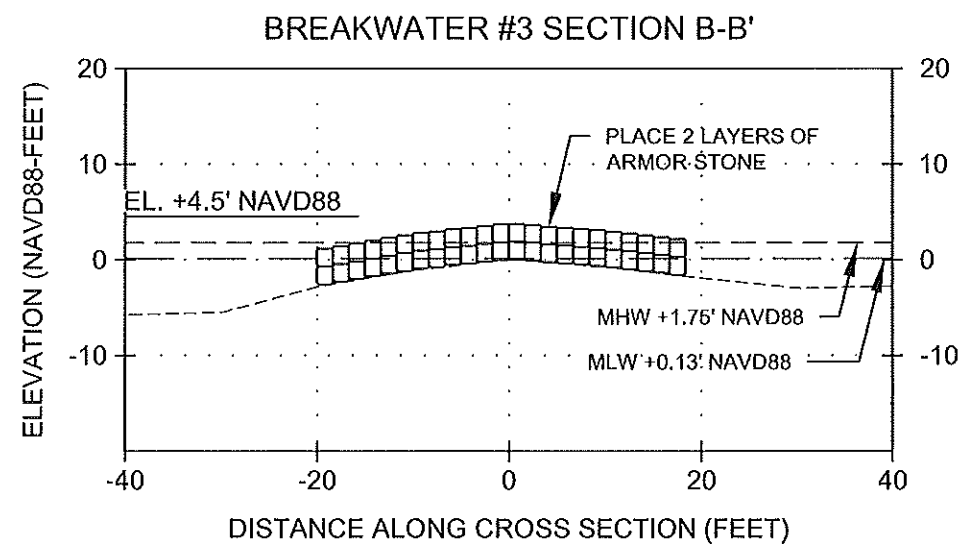
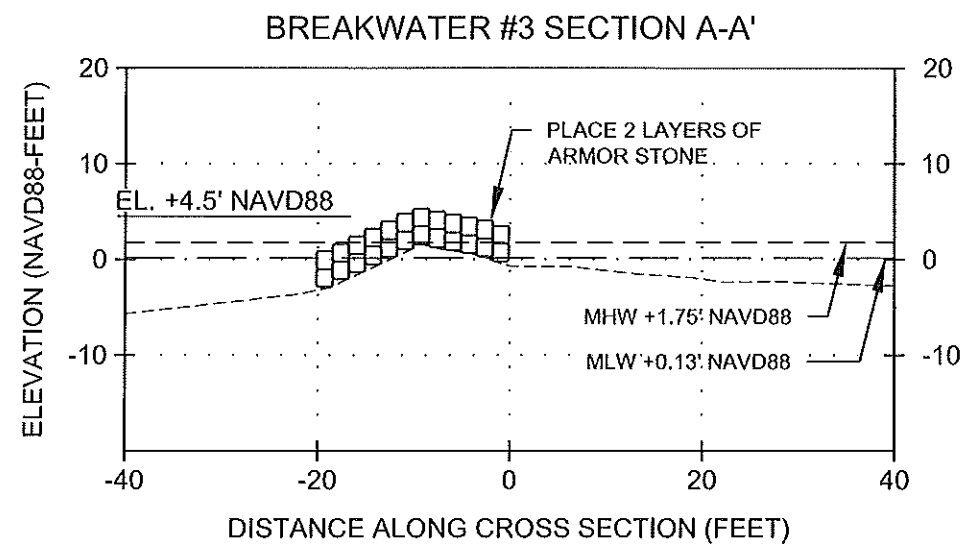
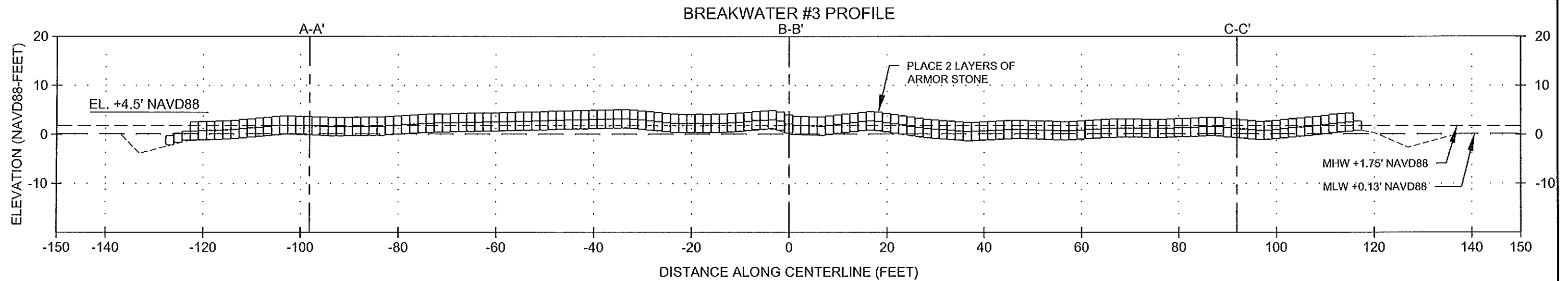
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**BEAKWATER PROFILE
AND CROSS SECTIONS
(BASE BID)**

DATE: 6/1/17

SHEET 12 OF 17





NOTE:

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LEGEND:

----- TOPOGRAPHIC SURVEY DATED
FEBRUARY 2015 BY T. BAKER SMITH

— — — — MHW +1.75'

— — MLW +0.13'

☐ 1 TO 1.7 TON ARMOR STONE

REV.	DATE	DESCRIPTION	BY

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COASTAL PROTECTION AND
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THIBODAUX FIELD OFFICE

1440 TIGER DRIVE, SUITE B,
THIBODAUX, LOUISIANA 70301 (985)-447-0956

DRAWN BY: GK

DESIGNED BY: CP

RACCOON ISLAND
BREAKWATER REHABILITATION PROJECT

STATE PROJECT NUMBER: TE-48

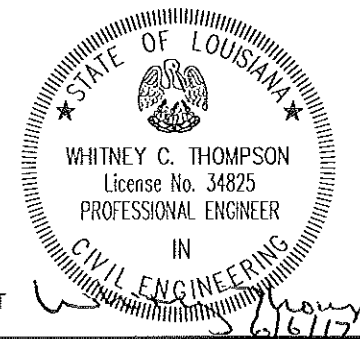
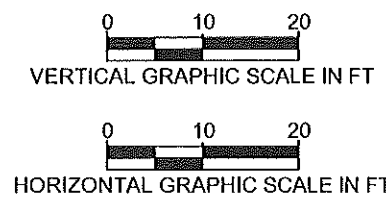
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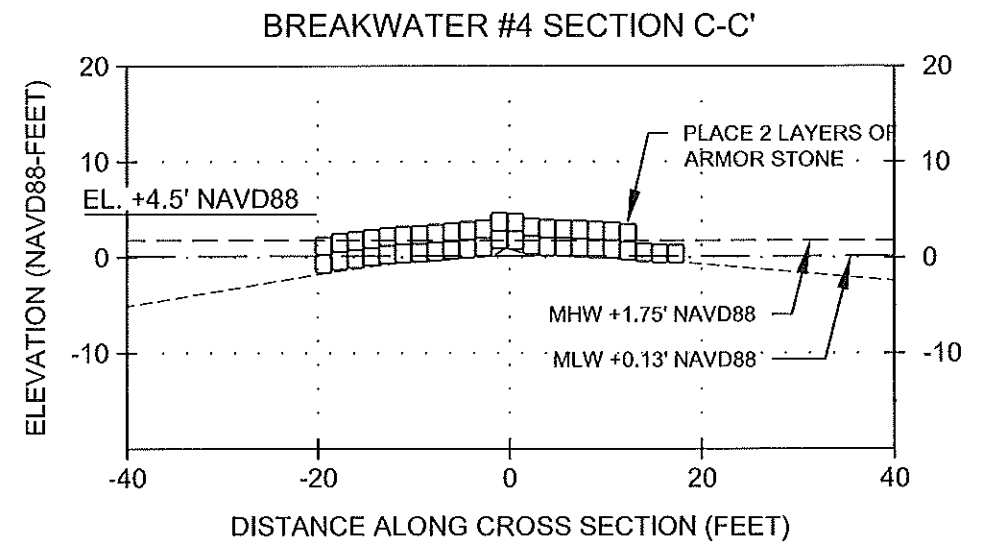
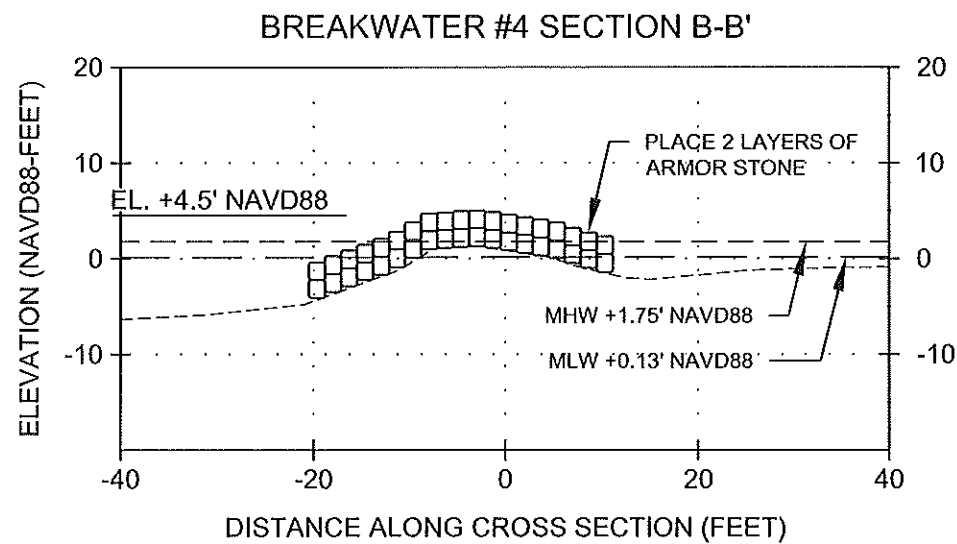
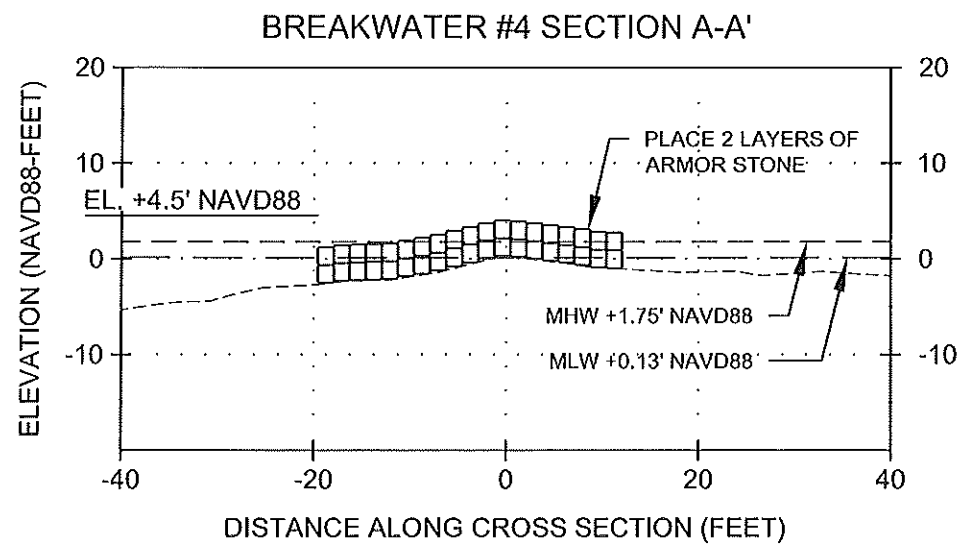
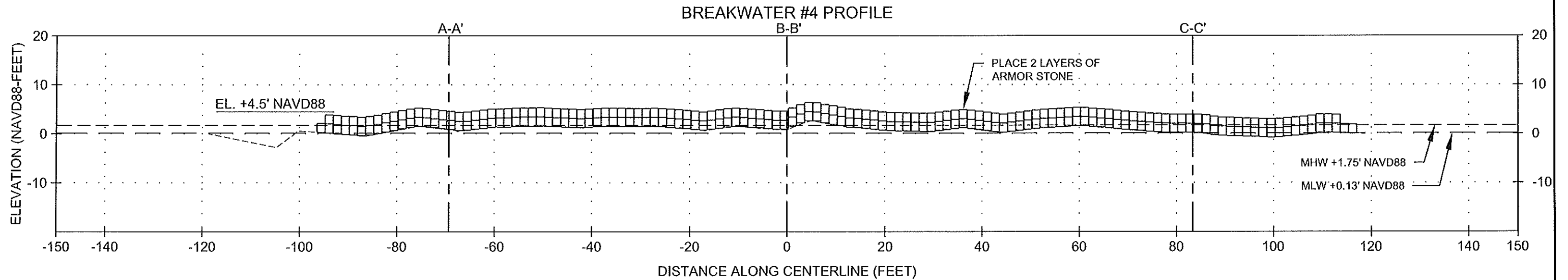
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BEAKWATER PROFILE
AND CROSS SECTIONS
(BASE BID)

DATE: 6/1/17

SHEET 13 OF 17



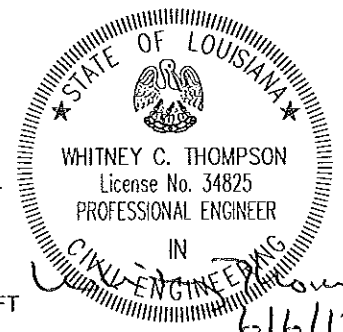
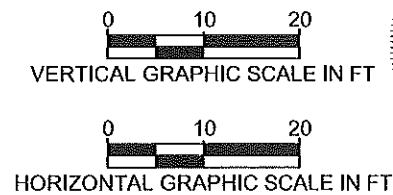


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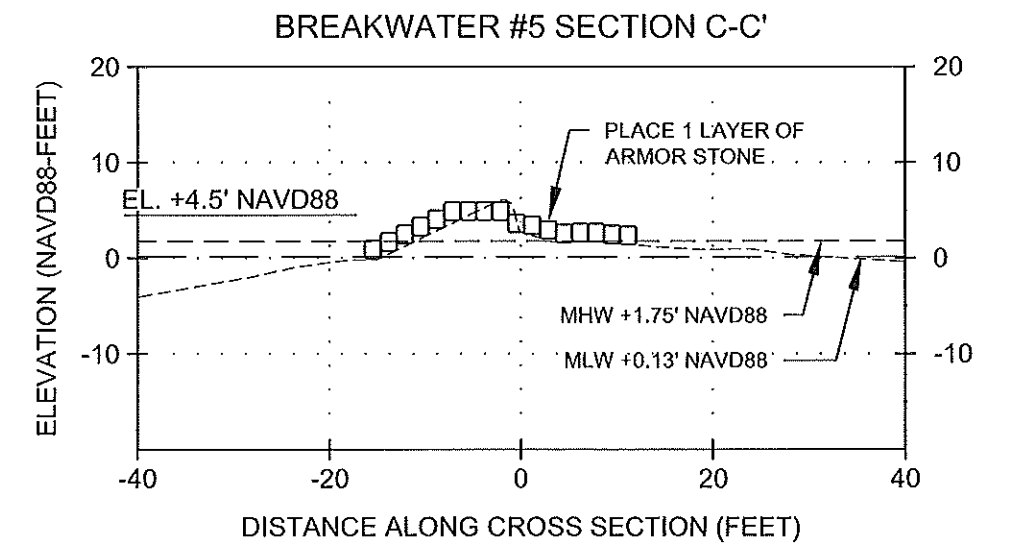
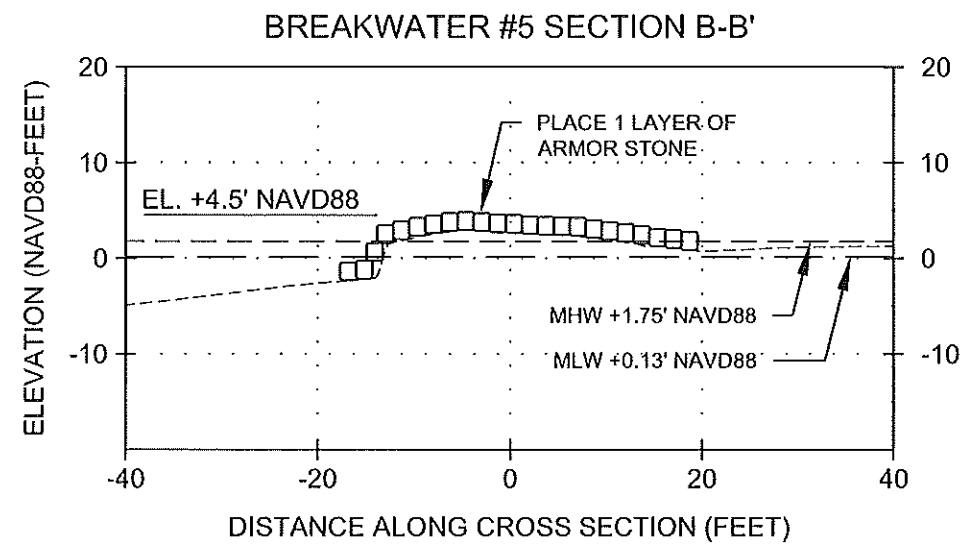
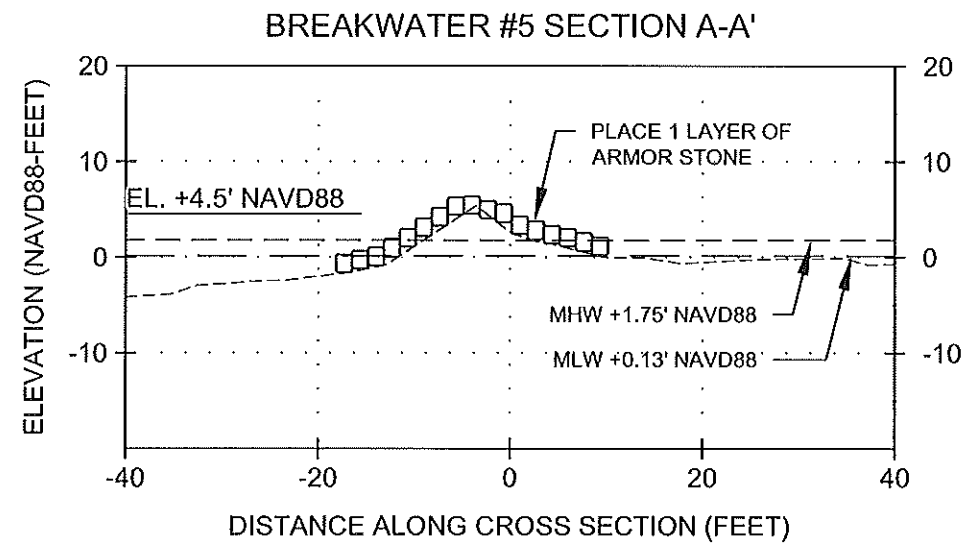
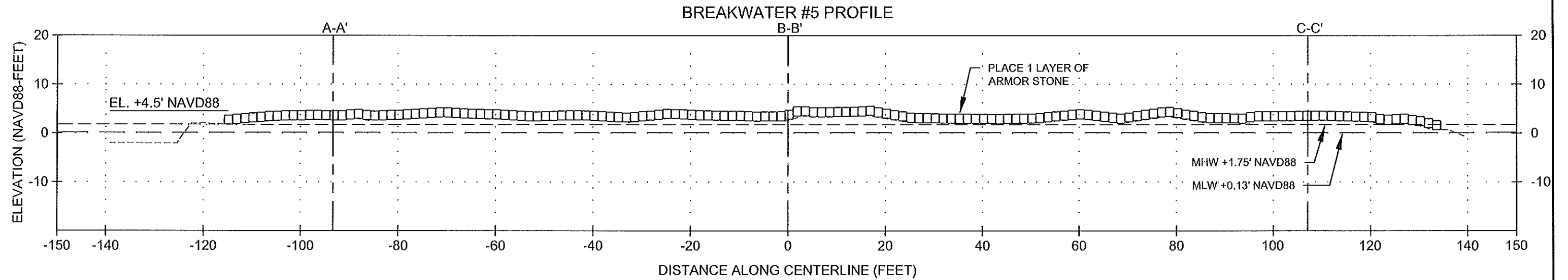
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LEGEND:

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							STATE PROJECT NUMBER: TE-48			
							FEDERAL PROJECT NUMBER:		DATE: 6/1/17	
REV.	DATE	DESCRIPTION	BY			DRAWN BY: GK	DESIGNED BY: CP	APPROVED BY: WT		SHEET 14 OF 17

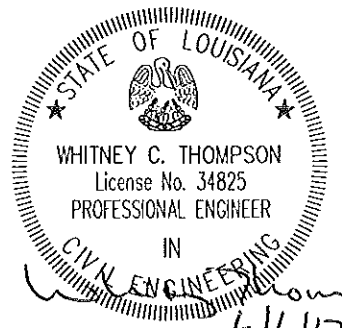
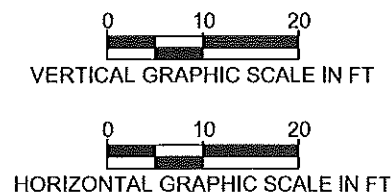


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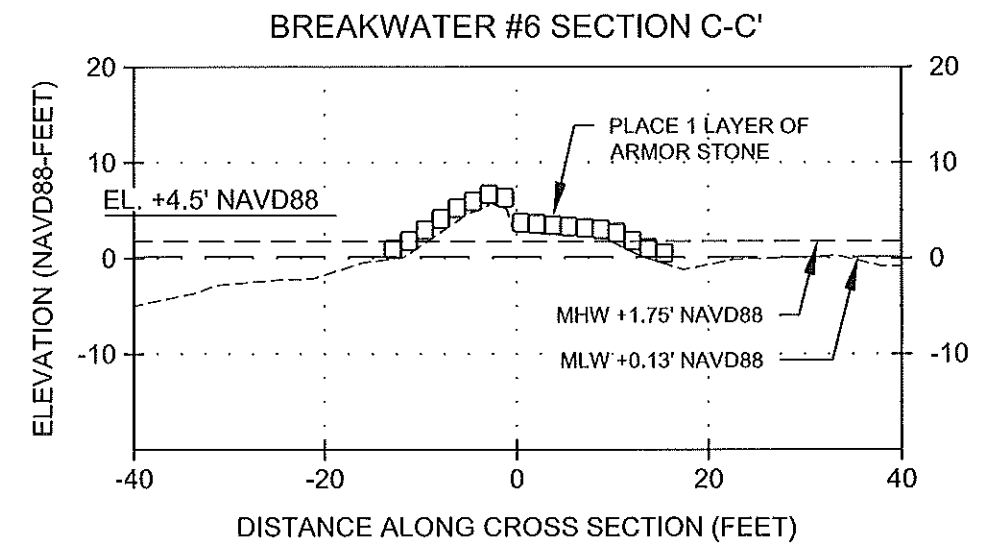
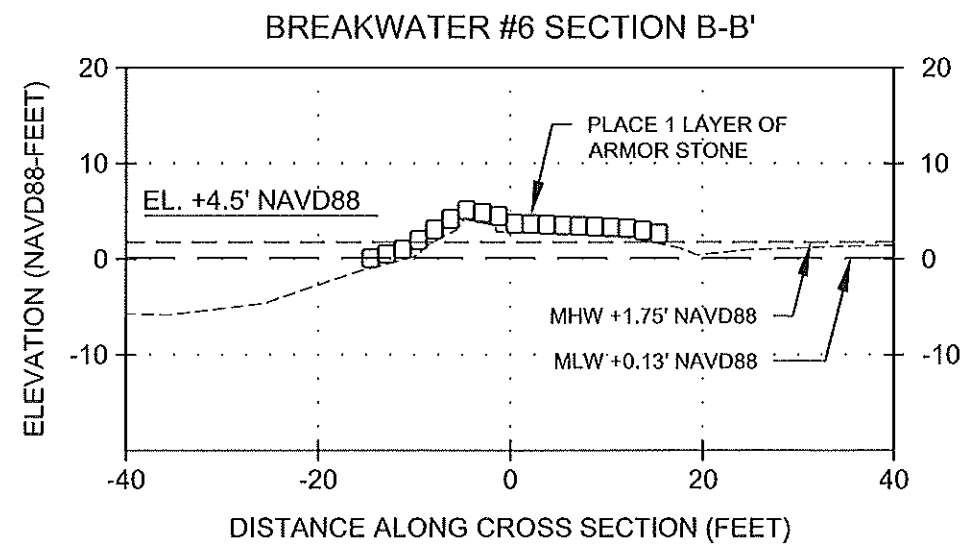
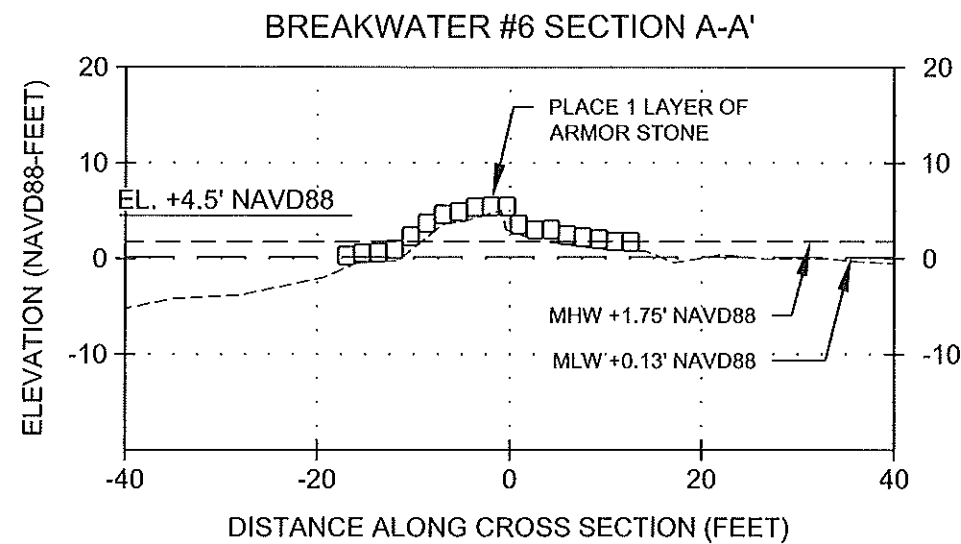
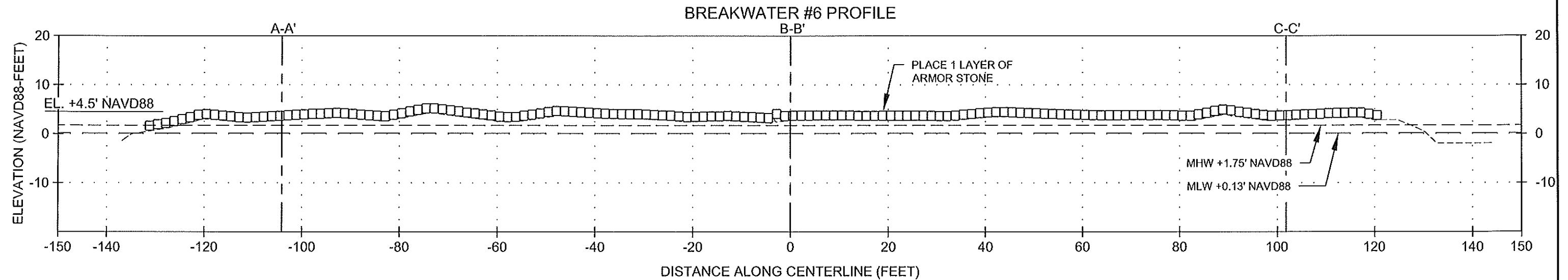
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						STATE PROJECT NUMBER: TE-48		
						FEDERAL PROJECT NUMBER:	DATE: 6/1/17	
REV.	DATE	DESCRIPTION	BY			DRAWN BY: GK	DESIGNED BY: CP	APPROVED BY: WT



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FEBRUARY 2015 BY T. BAKER SMITH

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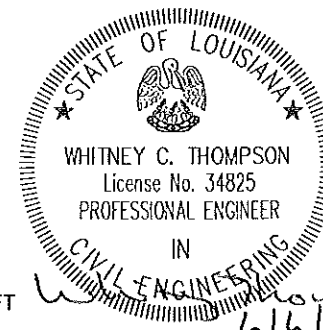
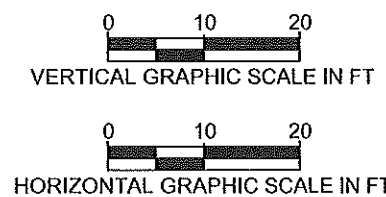
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RACCOON ISLAND
BREAKWATER REHABILITATION PROJECT

STATE PROJECT NUMBER: TE-48

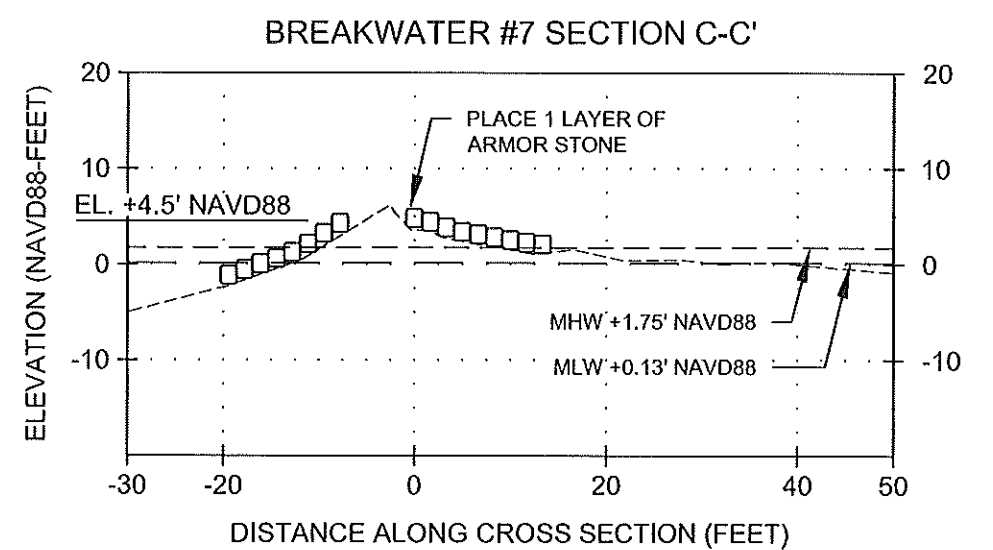
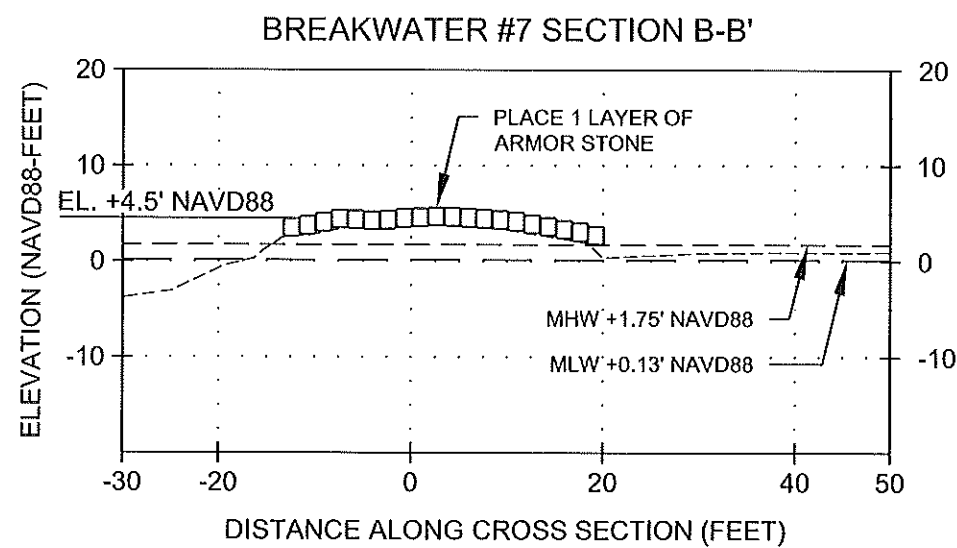
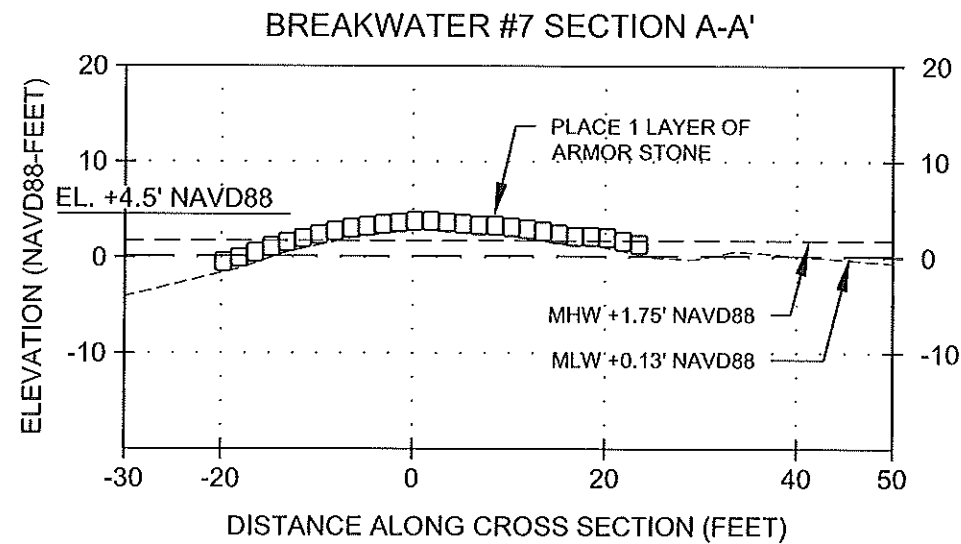
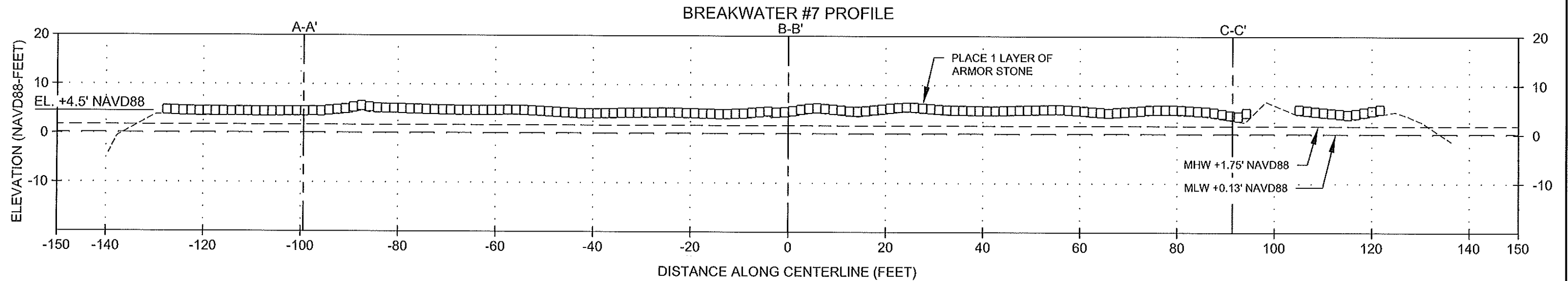
FEDERAL PROJECT NUMBER:

APPROVED BY: WT

BEAKWATER PROFILE
AND CROSS SECTIONS
(ADDITIVE ALTERNATE 2)

DATE: 6/1/17

SHEET 16 OF 17



NOTE:

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RACCOON ISLAND
BREAKWATER REHABILITATION PROJECT

STATE PROJECT NUMBER: TE-48

FEDERAL PROJECT NUMBER:

APPROVED BY: WT

BEAKWATER PROFILE
AND CROSS SECTIONS
(ADDITIVE ALTERNATE 3)

DATE: 6/1/17

SHEET 17 OF 17

