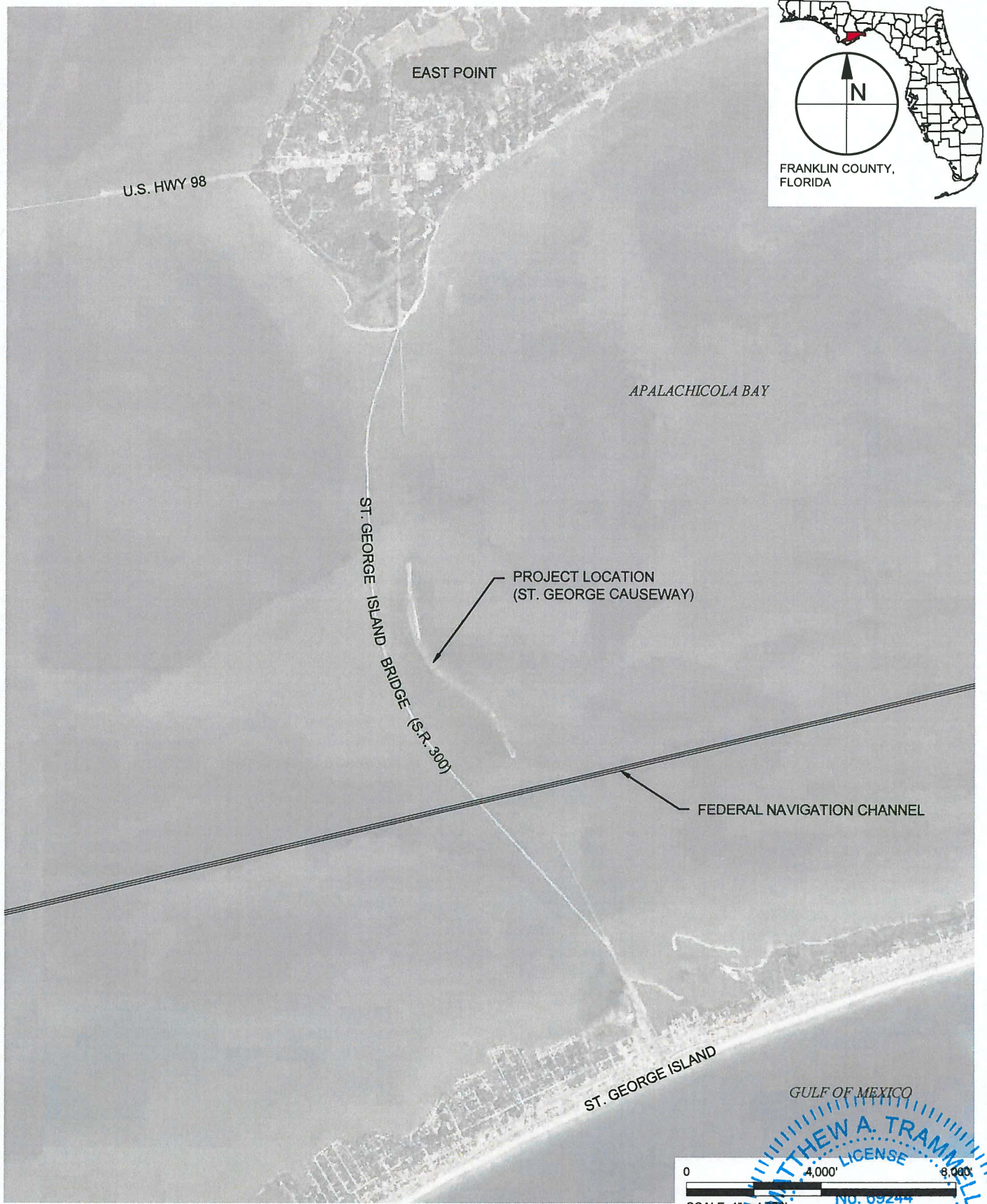




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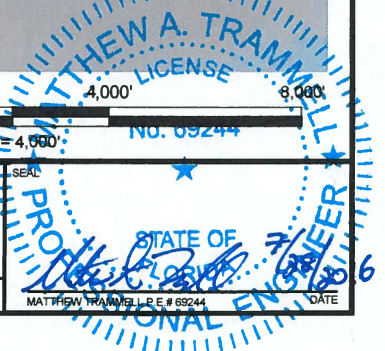
TAYLOR ENGINEERING INC.

1221 AIRPORT ROAD
SUITE 210
DESTIN, FLORIDA 32541

CERTIFICATE OF AUTHORIZATION # 4815

**FIGURE C-1
LOCATION MAP
AUDUBON CAUSEWAY STABILIZATION
FRANKLIN COUNTY, FLORIDA**

PROJECT	DRAWN BY	SHEET	DATE
C2016-005	AF	1 of 10	JULY 2016



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

GENERAL NOTES:

1. ALL ELEVATIONS REFERENCE THE 1988 NORTH AMERICAN VERTICAL DATUM (NAVD 88), ELEVATIONS IN FEET UNLESS NOTED OTHERWISE.
2. ALL COORDINATES REFERENCE STATE PLANE FLORIDA NORTH, NORTH AMERICAN DATUM 1983 (NAD 83), COORDINATES IN FEET UNLESS NOTED OTHERWISE.
3. EXISTING BATHYMETRY FOR APALACHICOLA BAY OBTAINED FROM NOAA'S ESTUARINE BATHYMETRY WEBSITE
[HTTP://ESTUARINEBATHYMETRY.NOAA.GOV/](http://ESTUARINEBATHYMETRY.NOAA.GOV/).
4. FEDERAL NAVIGATION CHANNEL LIMITS OBTAINED FROM THE U.S. ARMY CORPS OF ENGINEERS MOBILE DISTRICT WEBSITE
[HTTP://NAVIGATION.SAM.USACE.ARMY.MIL/SURVEYS](http://NAVIGATION.SAM.USACE.ARMY.MIL/SURVEYS).
5. AERIAL IMAGERY TAKEN IN 2015 AND OBTAINED FROM GOOGLE EARTH. AERIAL IMAGERY DISPLAYED HEREON FOR INFORMATIONAL PURPOSES ONLY. NO PHOTOGRAPHIC ACCURACY IS IMPLIED BY THESE MAPS.
6. OYSTER BEDS OBTAINED FROM U.S. GEOLOGICAL SURVEY WEBSITE:
[HTTP://PUBS.USGS.GOV/OF/2009/1031/HTML/CATALOG.HTML](http://PUBS.USGS.GOV/OF/2009/1031/HTML/CATALOG.HTML).
7. SEAGRASS BOUNDARIES OBTAINED FROM FLORIDA FISH AND WILDLIFE CONSERVATION COMMISSION WEBSITE:
[HTTP://GEODATA.MYFWC.COM/DATASETS/4D1B4E758E704DEF90773BD49806DD4C_6](http://GEODATA.MYFWC.COM/DATASETS/4D1B4E758E704DEF90773BD49806DD4C_6).
8. APALACHICOLA AQUATIC PRESERVE BOUNDARY OBTAINED FROM THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION WEBSITE: [HTTP://WWW.DEP.STATE.FL.US/GIS/DATADIR.HTM](http://WWW.DEP.STATE.FL.US/GIS/DATADIR.HTM).
9. WETLAND BOUNDARIES ESTABLISHED AND SURVEYED BY SCHEDA ECOLOGICAL ASSOCIATES, INC. ON MAY 8, 2015.
10. MEAN HIGH WATER LINE DRAWN ALONG EXISTING BULKHEAD PER THE DIRECTION OF FDEP AND USACE STAFF AT THE MAY 20, 2015 PRE-APPLICATION MEETING.
11. CONSTRUCTION SHALL NOT VIOLATE STATE WATER QUALITY STANDARDS
12. MATERIALS ARE SUBJECT TO CHANGE. FINAL MATERIALS WILL BE DETERMINED DURING FINAL DESIGN.
13. THE LOCATION OF TURBIDITY CURTAINS SHOWN ON THESE DRAWINGS FOR INFORMATIONAL PURPOSES ONLY. TURBIDITY CURTAINS SHALL BE LOCATED AND REPOSITIONED BY THE CONTRACTOR USING BEST MANAGEMENT PRACTICES TO ASSURE WATER QUALITY STANDARDS ARE MAINTAINED THROUGHOUT CONSTRUCTION.

PROPOSED ROCK SHORELINE STABILIZATION PLAN:

1. TOTAL STRUCTURE LENGTH:

AREA	LENGTH (FT.)
1	320
2	560
3	1,150
4	580
TOTAL	2,610

2. TOTAL STRUCTURE AREA:

AREA	WETLAND IMPACT AREA (SQ. FT.)	BAY BOTTOM COVERAGE AREA (SQ. FT.)
1	1,304	7,472
2	2,013	13,076
3	3,994	26,853
4	2,473	13,543
TOTAL	9,784	60,944

3. TIDAL DATUM REFERENCE:

MHHW ——— 0.61'
MHW ——— 0.43'

MSL ——— -0.31'

MLW ——— -1.05'
MLLW ——— -1.56'

NAVD 88 ——— 0.00'



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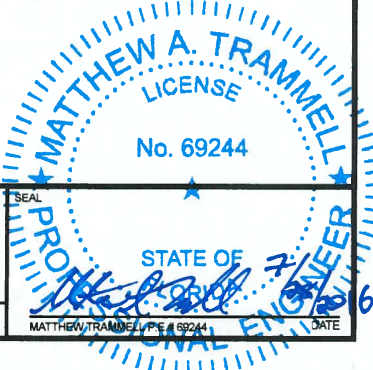
1221 AIRPORT ROAD
SUITE 210
DESTIN, FLORIDA 32541

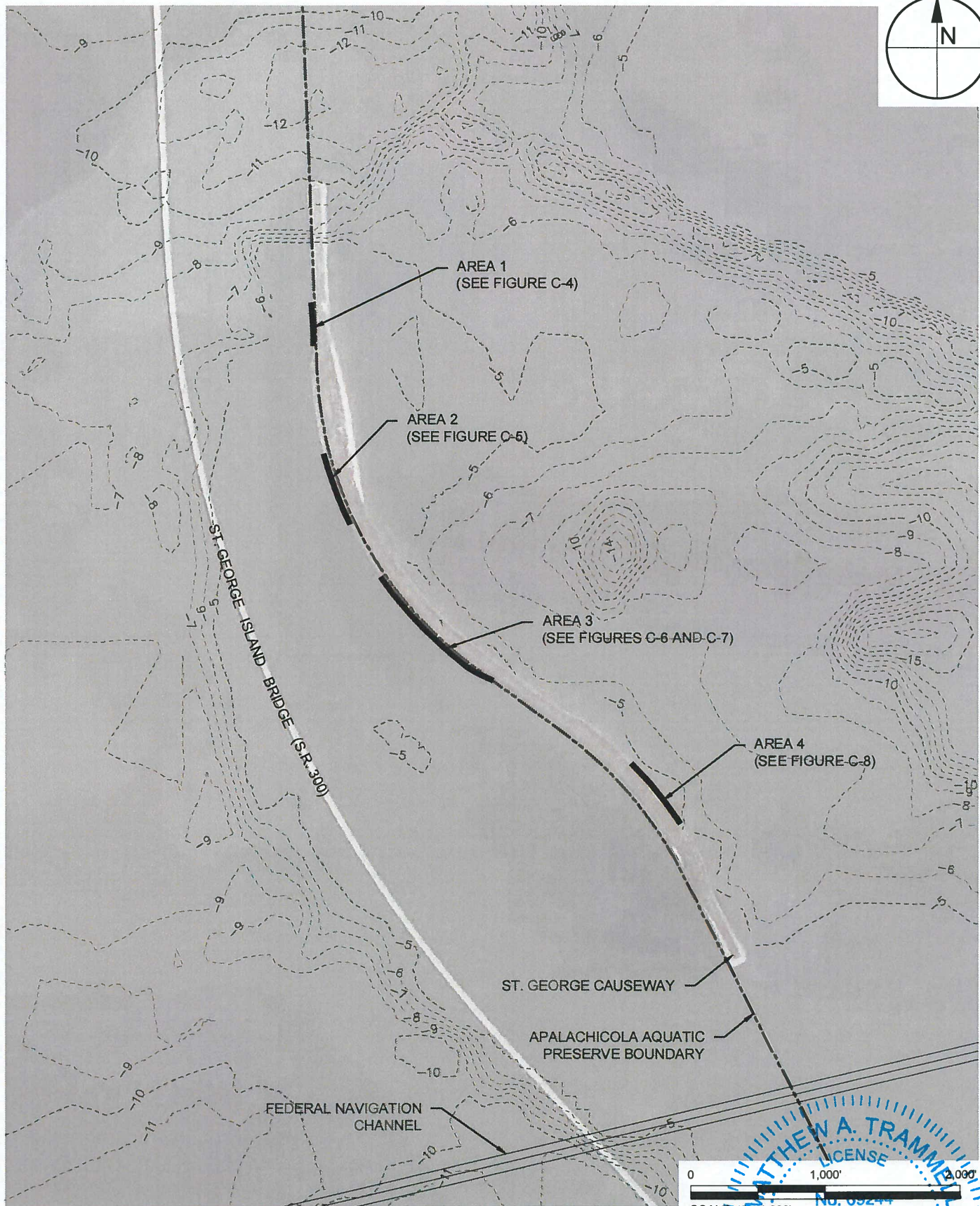
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FIGURE C-2

GENERAL NOTES
AUDUBON CAUSEWAY STABILIZATION
FRANKLIN COUNTY, FLORIDA

PROJECT C2016-005 DRAWN BY AF SHEET 2 of 10 DATE JULY 2016





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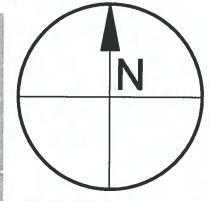
1221 AIRPORT ROAD
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**FIGURE C-3
PROJECT OVERVIEW
AUDUBON CAUSEWAY STABILIZATION
FRANKLIN COUNTY, FLORIDA**

PROJECT	DRAWN BY	SHEET	DATE
C2016-005	AF	3 of 10	JULY 2016

STATE OF FLORIDA
PROFESSIONAL ENGINEER
Matthew A. Trammell
No. 69244
DATE



MHW (ALONG EXISTING BULKHEAD)

NORTHERN LIMITS OF CONSTRUCTION
N: 255,123
E: 1,845,635

PROPOSED ROCK
STABILIZATION
EXTENSION
~90'

PROPOSED ROCK
STABILIZATION STRUCTURE

USACE/FDEP WETLAND LINE

TURBIDITY CURTAIN

PROPOSED
ROCK
STABILIZATION
~137'

PROPOSED BAY BOTTOM
COVERAGE: 7,472 SQ. FT.

PROPOSED WETLAND IMPACT:
1,304 SQ. FT.

APALACHICOLA BAY

PROPOSED ROCK
STABILIZATION
EXTENSION
~92'

SOUTHERN LIMITS OF CONSTRUCTION
N: 254,803
E: 1,845,650

EXISTING
WALL TO
REMAIN



TAYLOR ENGINEERING INC.

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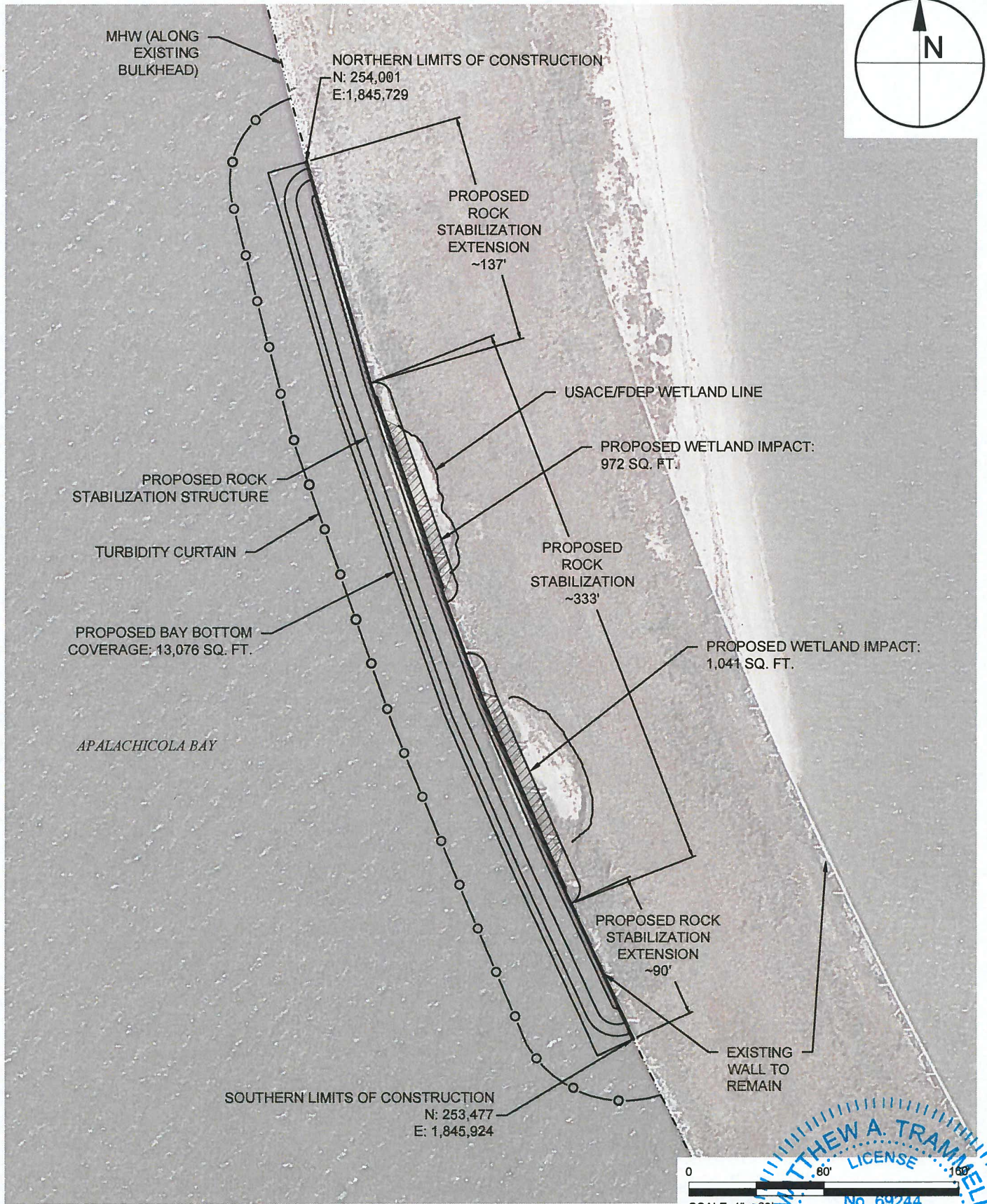
PROJECT	DRAWN BY	SHEET	DATE
C2016-005	AF	4 of 10	JULY 2016

DATE
MATTHEW TRAMMELL

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

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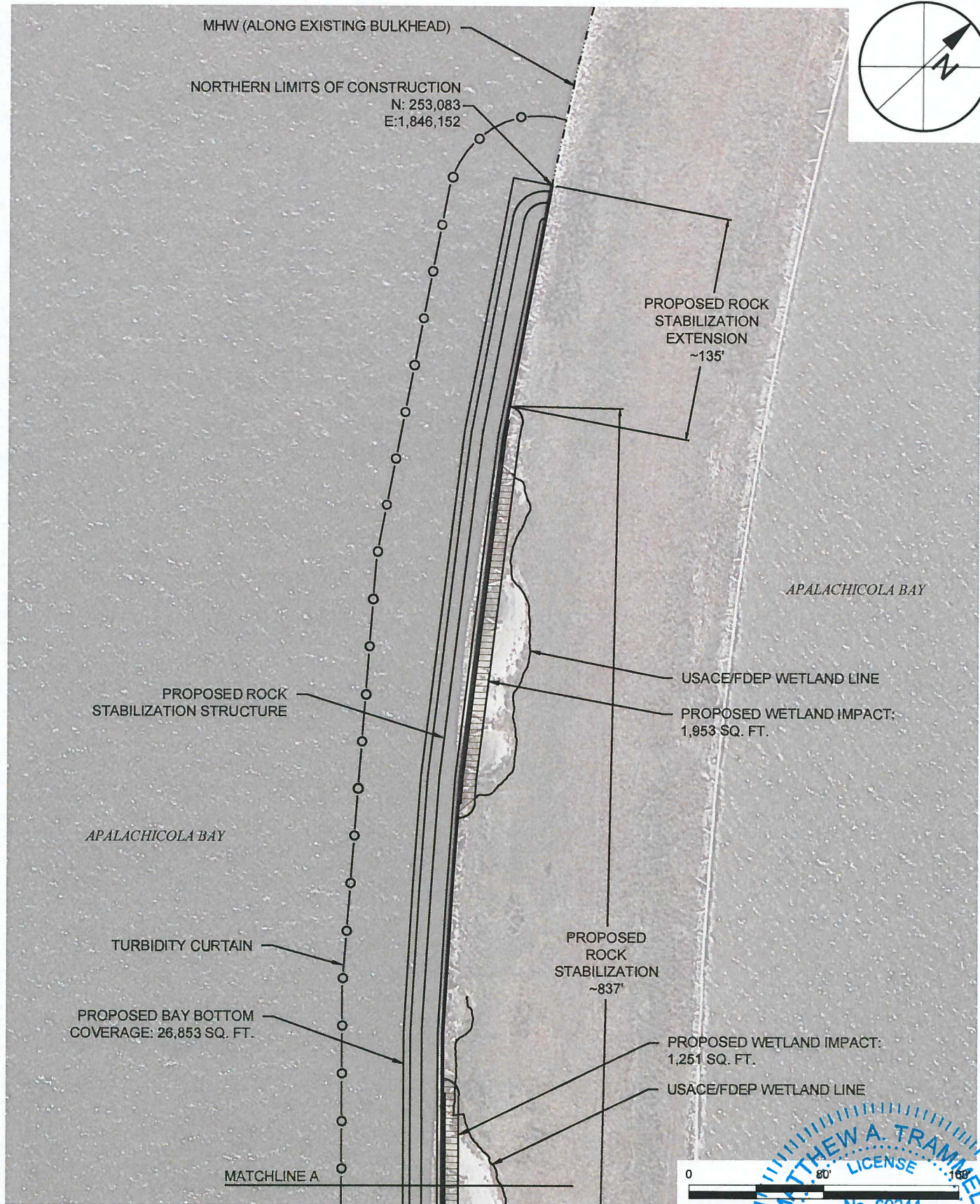
FIGURE C-5
AREA 2 STABILIZATION PLAN
AUDUBON CAUSEWAY STABILIZATION
FRANKLIN COUNTY, FLORIDA

PROJECT	DRAWN BY	SHEET	DATE
C2016-005	AF	5 of 10	JULY 2016



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

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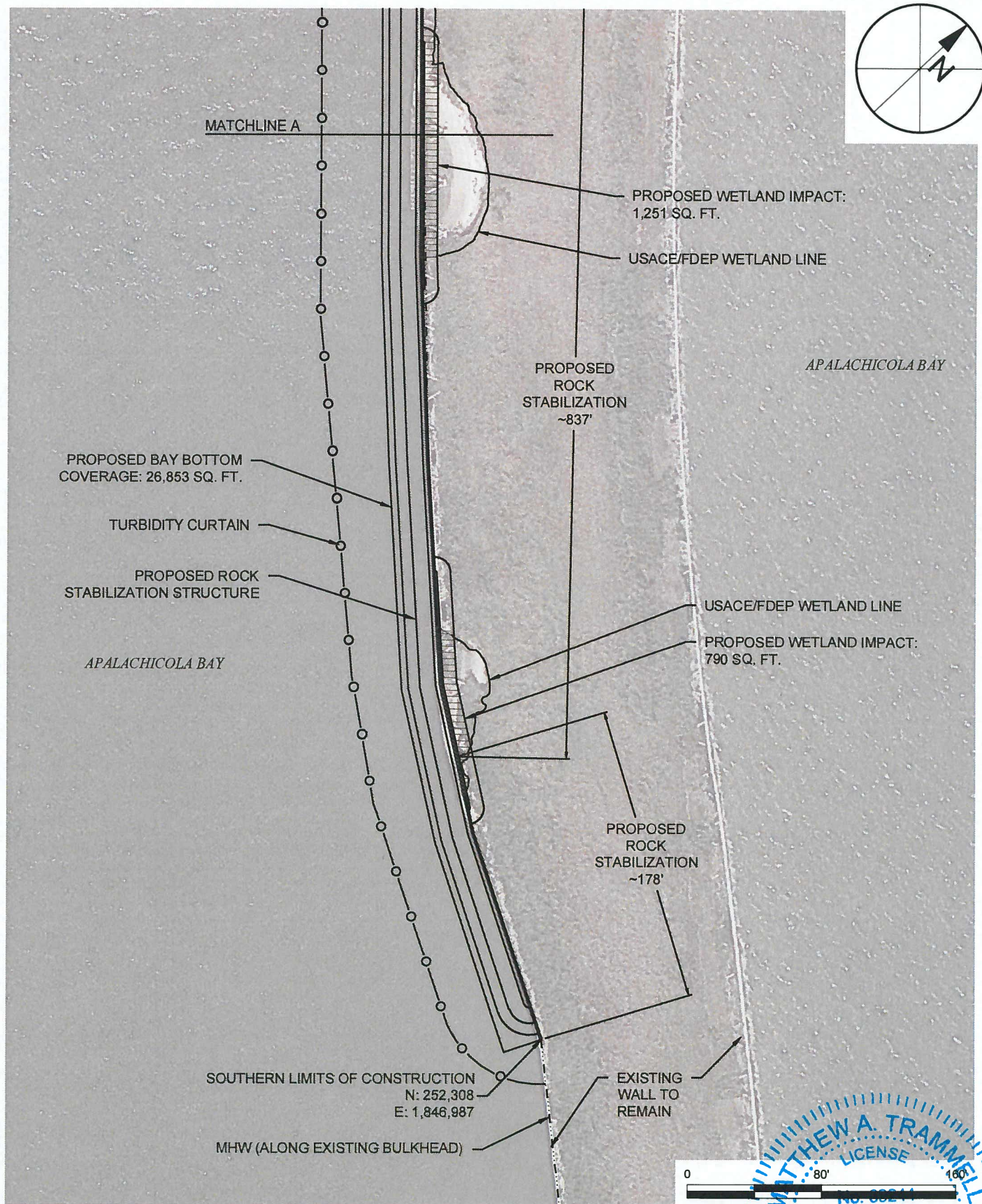
CERTIFICATE OF AUTHORIZATION # 4815

FIGURE C-6
AREA 3 STABILIZATION PLAN
AUDUBON CAUSEWAY STABILIZATION
FRANKLIN COUNTY, FLORIDA

PROJECT	DRAWN BY	SHEET	DATE
C2016-005	AF	6 of 10	JULY 2016



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



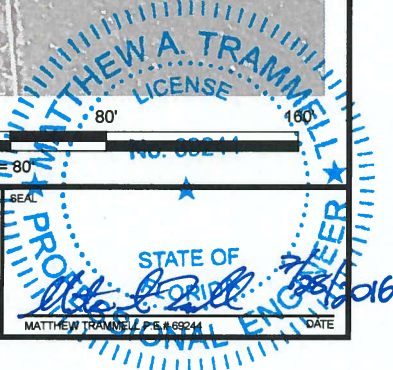
TAYLOR ENGINEERING INC.

1221 AIRPORT ROAD
SUITE 210
DESTIN, FLORIDA 32541

CERTIFICATE OF AUTHORIZATION # 4815

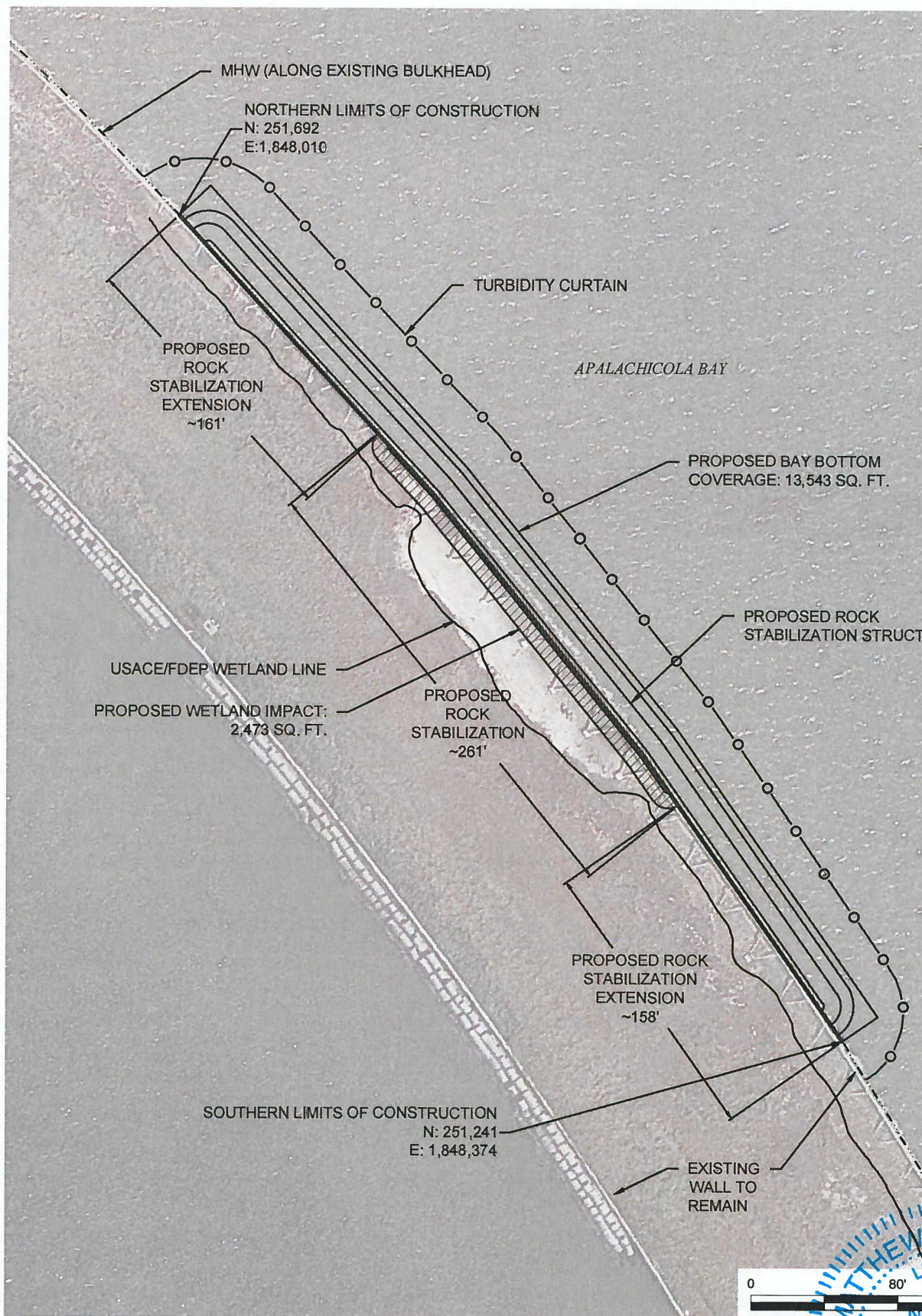
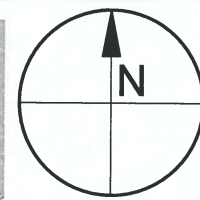
FIGURE C-7
AREA 3 STABILIZATION PLAN
AUDUBON CAUSEWAY STABILIZATION
FRANKLIN COUNTY, FLORIDA

PROJECT	DRAWN BY	SHEET	DATE
C2016-005	AF	7 of 10	JULY 2016



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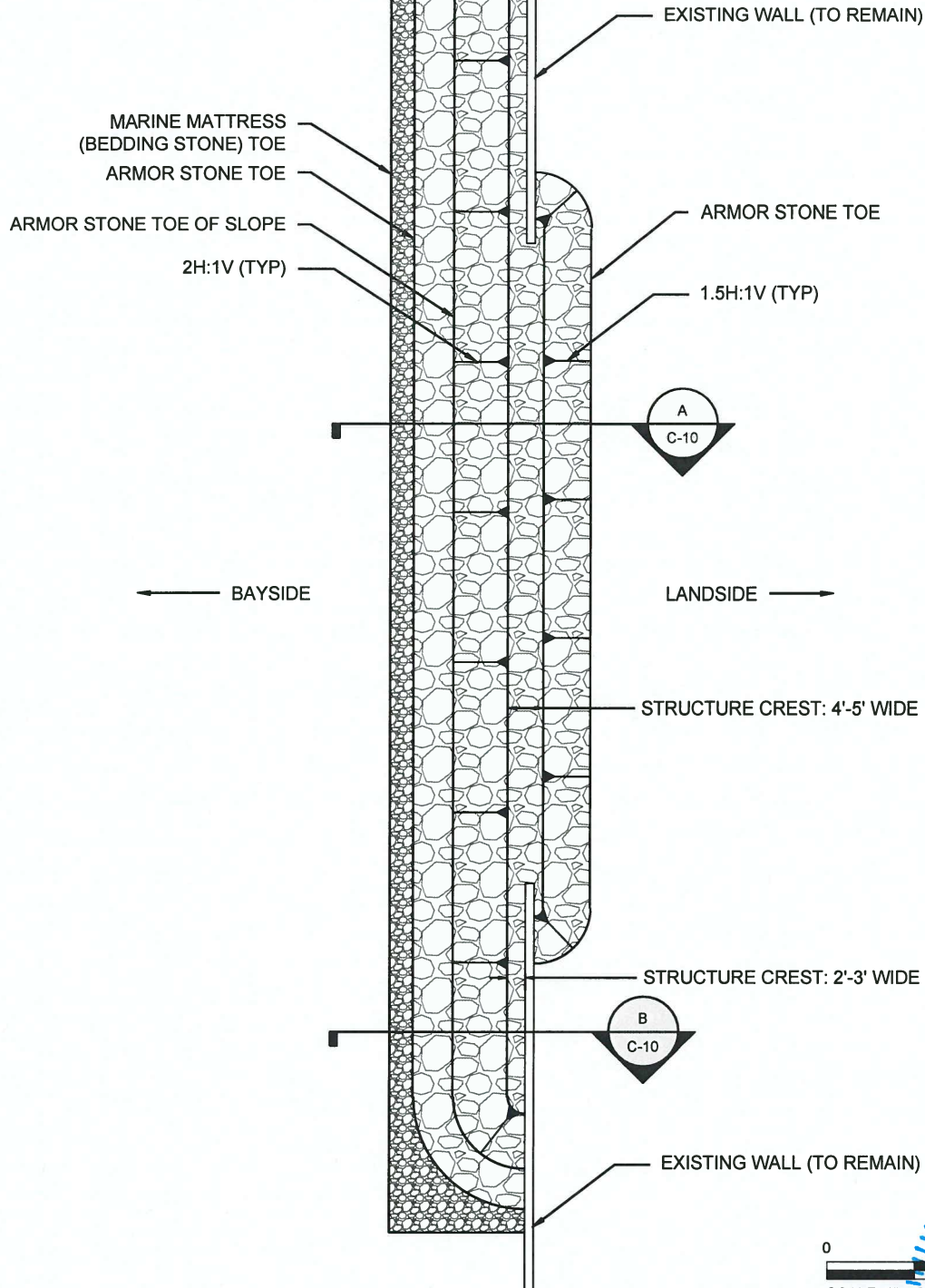
1221 AIRPORT ROAD
SUITE 210
DESTIN, FLORIDA 32541

CERTIFICATE OF AUTHORIZATION # 4815

FIGURE C-8
AREA 4 STABILIZATION PLAN
AUDUBON CAUSEWAY STABILIZATION
FRANKLIN COUNTY, FLORIDA

PROJECT	DRAWN BY	SHEET	DATE
C2016-005	AF	8 of 10	JULY 2016

STATE OF
FLORIDA
MATTHEW A. TRAMMELL
P.E. # 69244
DATE 7/28/2016



0 30' 60'

SCALE: 1" = 30'



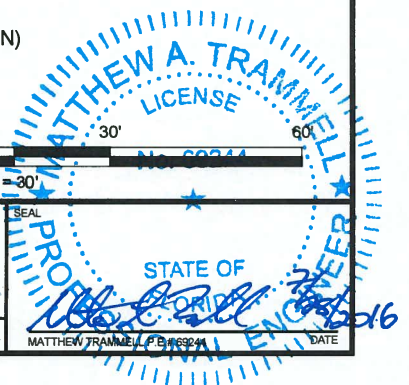
TAYLOR ENGINEERING INC.

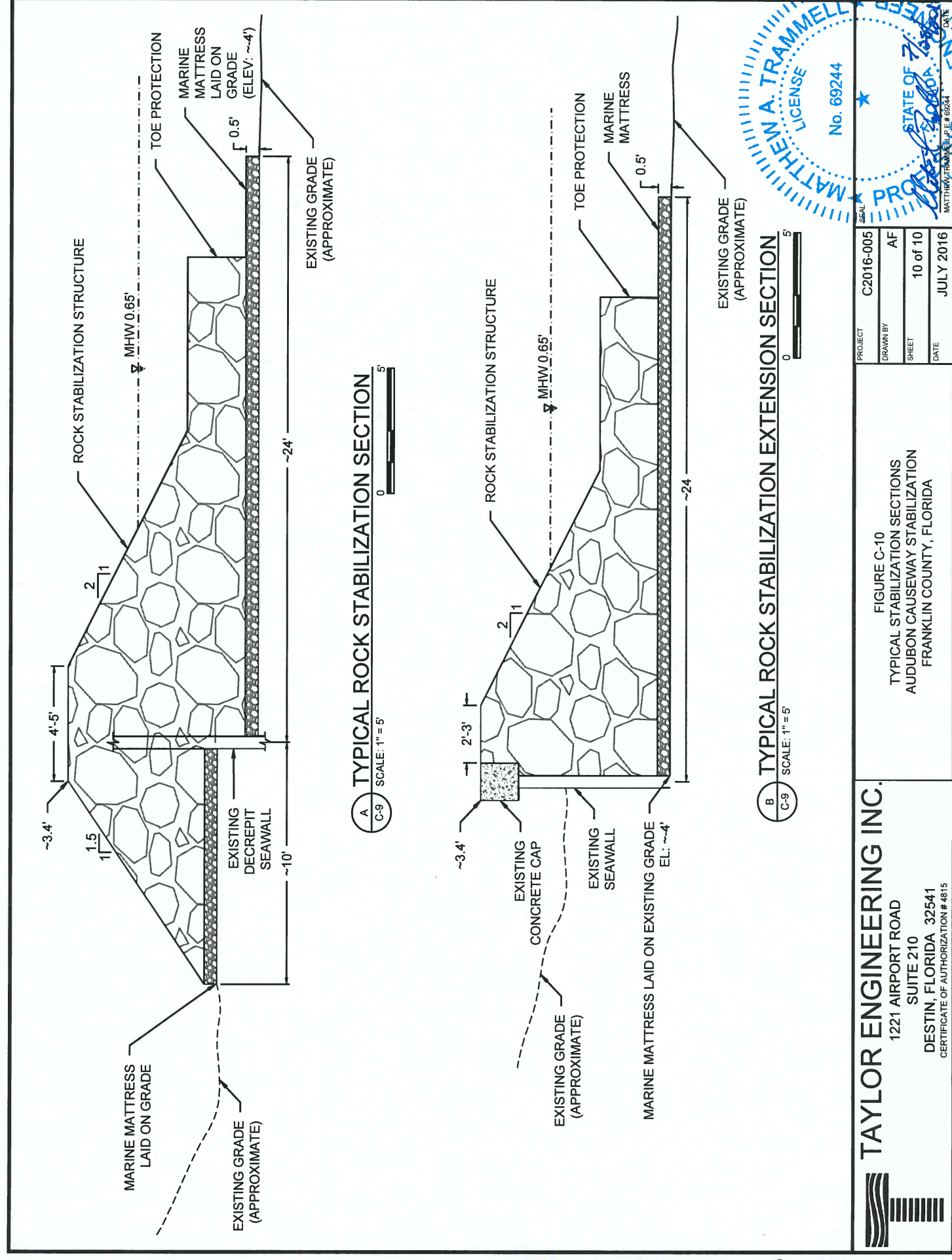
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FIGURE C-9
TYPICAL STABILIZATION PLAN
AUDUBON CAUSEWAY STABILIZATION
FRANKLIN COUNTY, FLORIDA

PROJECT	DRAWN BY	SHEET	DATE
C2016-005	AF	9 of 10	JULY 2016





MATTHEW A. TRAMMELL
 LICENSE
 No. 69244
 STATE OF FLORIDA
 PROFESSIONAL ENGINEER
 DATE

A
 C-9
 TYPICAL ROCK STABILIZATION SECTION
 SCALE: 1" = 5'

B
 C-9
 TYPICAL ROCK STABILIZATION EXTENSION SECTION
 SCALE: 1" = 5'

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 SUITE 210
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FIGURE C-10
 TYPICAL STABILIZATION SECTIONS
 AUDUBON CAUSEWAY STABILIZATION
 FRANKLIN COUNTY, FLORIDA

PROJECT	C2016-005
DRAWN BY	AF
SHEET	10 of 10
DATE	JULY 2016

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