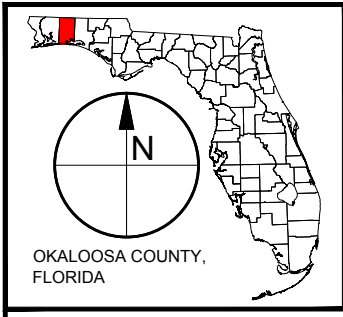
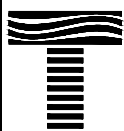


REBECCA JOHNSON X:\S\PROJECTS\2013-2015 OKA GREENSHORES\2015 BAYWALK\KCC2014-069 OKA GREENSHORE BAYWALK\PERMIT\2014-069-P-LOCATION MAP.DWG 8/11/2016 10:19:25 AM



PROJECT LOCATION
SECTION 00
TOWNSHIP 02 SOUTH
RANGE 24 WEST

REFERENCE:
USGS 7.5 QUADRANGLE MAP
FORT WALTON BEACH, 1992



TAYLOR ENGINEERING INC.

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FIGURE 1
PROJECT LOCATION MAP
OKALOOSA BAYWALK
OKALOOSA COUNTY, FLORIDA

PROJECT	C2014-006/069
DRAWN BY	AF / RLJ
SHEET	1 of 27
DATE	AUGUST 2016

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MATTHEW TRAMMELL P.E.# 69244

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REBECCA JOHNSON X:\SYS\PROJECTS\2013-053 OKA GREENSHORE\2015 BAYWALK\2014-069 OKA GREENSHORE BAYWALK\PERMIT\2014-069-P-NOTES.DWG 8/11/2016 10:19:28 AM

GENERAL NOTES:

1. DRAWING REFERENCES THE FLORIDA STATE PLANE NORTH, NORTH AMERICAN DATUM OF 1983 (NAD83)
2. ALL ELEVATIONS REFERENCE THE 1988 NORTH AMERICAN VERTICAL DATUM (NAVD88). ELEVATIONS IN FEET UNLESS NOTED OTHERWISE.
3. AERIAL IMAGERY OBTAINED FROM ESRI (2010) AND GOOGLE EARTH (2013). AERIAL IMAGERY DISPLAYED HEREON FOR INFORMATIONAL PURPOSES ONLY. NO PHOTOGRAPHIC ACCURACY IS IMPLIED BY THESE MAPS.
4. FEDERAL NAVIGATION CHANNEL LIMITS OBTAINED FROM THE U.S. ARMY CORPS OF ENGINEERS MOBILE DISTRICT DRAWING FILE "GULF INTRACOASTAL WATERWAY WEST BAY TO SANTA ROSA SOUND CHOCTAWHATCHEE BAY, GIWW M. 224.0 - 225.0, 9897+00 - 9948+00, CONDITION SURVEY." SHEET 30 OF 59, DATED MARCH 2016.
5. PARCEL BOUNDARIES OBTAINED FROM THE OKALOOSA COUNTY GIS DEPARTMENT ([HTTP://WEBGIS.OKALOOSAFL.COM/WEBGIS/](http://webgis.okaloosafl.com/webgis/)).
6. EXISTING BOAT RAMP, RAMP STAGING DOCKS, AND FISHING PIER PERMITTED UNDER THE MARLER PARK RENOVATION PROJECT (FDEP PERMIT NO. 46-0210188-001-DF ISSUED JULY 2003 AND USACE PERMIT NO. 200202278(1P-TLZ) ISSUED MARCH 2004).
7. BATHYMETRIC AND MEAN HIGH WATER LINE (MHWL) SURVEY PERFORMED BY SEASIDE ENGINEERING AND SURVEYING, LLC SEPTEMBER 2013. MHWL FIELD VERIFIED DECEMBER 2014.
8. TOPOGRAPHIC SURVEY PERFORMED BY SEASIDE ENGINEERING AND SURVEYING, LLC DECEMBER 2014
9. SEAGRASS SURVEY PERFORMED BY TAYLOR ENGINEERING, INC. SEPTEMBER 2013
10. COASTAL WETLAND DELINEATION PERFORMED BY TAYLOR ENGINEERING, INC. SEPTEMBER 2013 AND FIELD VERIFIED BY FDEP ON SEPTEMBER 30, 2014.
11. INLAND WETLAND DELINEATION PERFORMED BY TAYLOR ENGINEERING, INC. OCTOBER 2014 AND FIELD VERIFIED BY FDEP ON DECEMBER 16, 2014.
12. OBSERVATION AREAS SHALL CONSIST OF MAINTAINED NATURAL AREAS. THE AREA SHALL BE BOUND BY POST AND ROPE, OR SIMILAR, TO DISCOURAGE FOOT TRAFFIC OUTSIDE OF THE MAINTAINED AREA. GROUND SURFACE TREATMENTS WITHIN THESE AREAS MAY INCLUDE GRAVEL, WOODCHIPS, OR SIMILAR.
13. ALL FILL MATERIAL SHALL BE COMPRISED OF CLEAN SAND IN ACCORDANCE WITH THE OKALOOSA ISLAND COVENANTS AND RESTRICTIONS.

GENERAL DOCKING FACILITY NOTES:

1. CONSTRUCTION SHALL NOT VIOLATE STATE WATER QUALITY STANDARDS
2. BERTH DIMENSIONS REPRESENT THE OVERALL SLIP LENGTH AND WIDTH.
3. NO LIVEBOARDS ARE PROPOSED
4. NO FUELING FACILITIES OR SEWAGE PUMPOUTS ARE PROPOSED AT THIS FACILITY

5. MATERIALS ARE SUBJECT TO CHANGE. PILE EMBEDMENT AND DIMENSIONS WILL BE DETERMINED DURING FINAL DESIGN.
6. 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 DOCK PLAN:

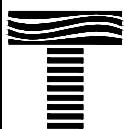
1. TOTAL NUMBER OF SLIPS: 22
2. TOTAL FIXED TIMBER PIER AREA = ~21,765 S.F.
 - A. ~407 S.F. EXISTING (RIGHT BOAT RAMP DOCK)
 - B. ~432 S.F. EXISTING (LEFT BOAT RAMP DOCK)
 - C. ~100 S.F. DEMOLISHED (TO BE REMOVED TO EXTEND RIGHT BOAT RAMP DOCK)
 - D. ~659 S.F. PROPOSED RIGHT BOAT RAMP DOCK EXTENSION
 - E. ~16,101 S.F. PROPOSED (MAIN ACCESS PIER; W/ GAZEBO & FINGER PIERS)
 - F. ~1,586 S.F. PROPOSED (KAYAK LAUNCH DOCK)
3. FLEXIBLE MOORING AREA: ~500 LINER FEET
4. PROPOSED SUBMERGED LAND LEASE AREA: 37,362 S.F.

PROPOSED GRADING PLAN

1. TOTAL MARSH CREATION FILL VOLUME = ~2,300 CY

ENVIRONMENTAL RESTORATION

1. OYSTER REEF (BREAKWATER) HABITAT: 1.42 ACRES
2. SEAGRASS RECRUITMENT AREA: 1.23 ACRES
3. SALTMARSH CREATION AREA: 0.95 ACRES
4. SALTMARSH ENHANCEMENT AREA: 0.66 ACRES
5. COASTAL UPLAND ENHANCEMENT AREA: 1.34 ACRES
6. FRESHWATER WETLAND ENHANCEMENT AREA: 0.24 ACRES



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FIGURE 2
PROJECT NOTES
OKALOOSA BAYWALK
OKALOOSA COUNTY, FLORIDA

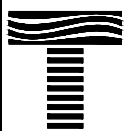
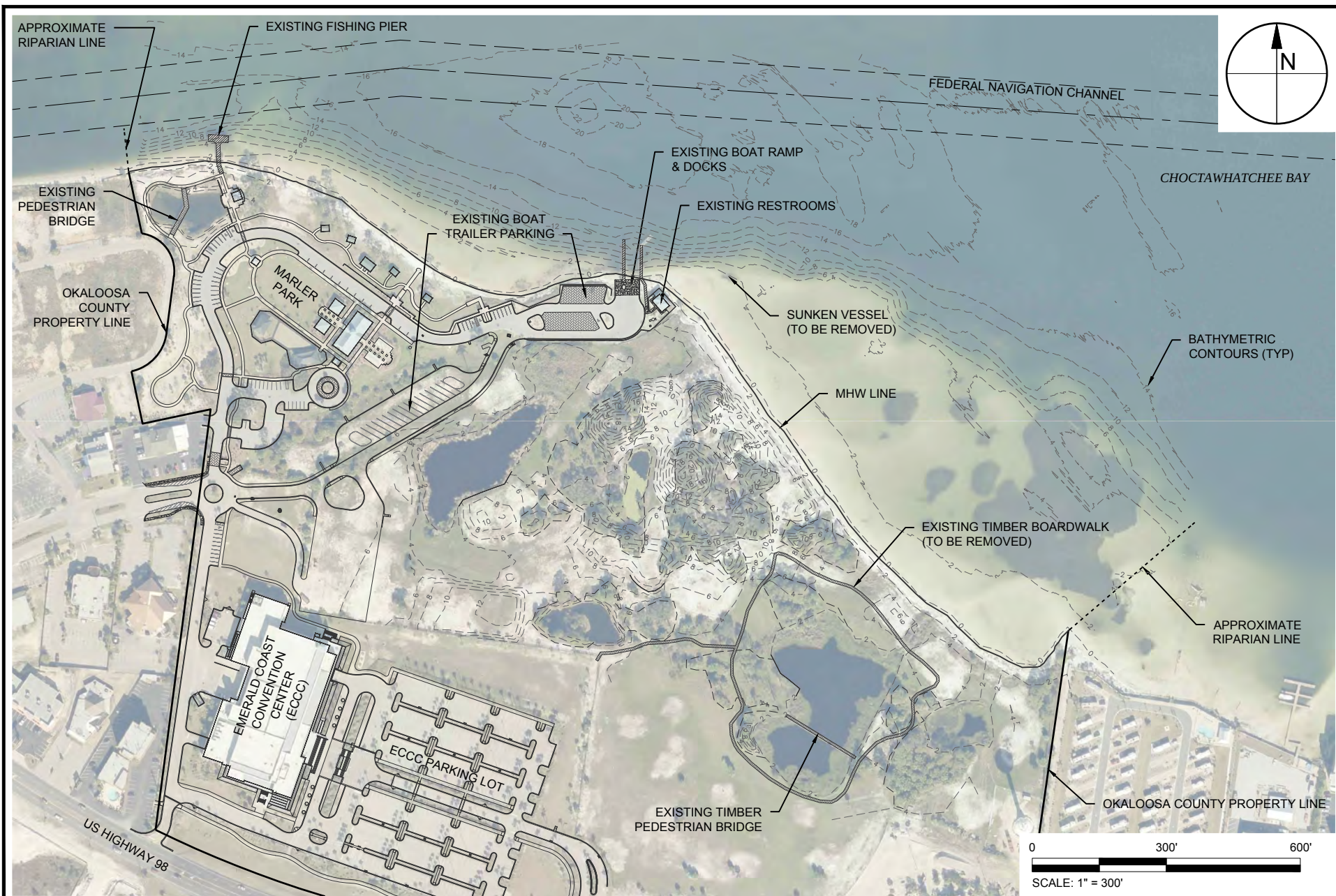
PROJECT	C2014-006/069
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FIGURE 3
EXISTING CONDITIONS
OKALOOSA BAYWALK
OKALOOSA COUNTY, FLORIDA

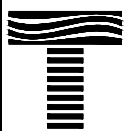
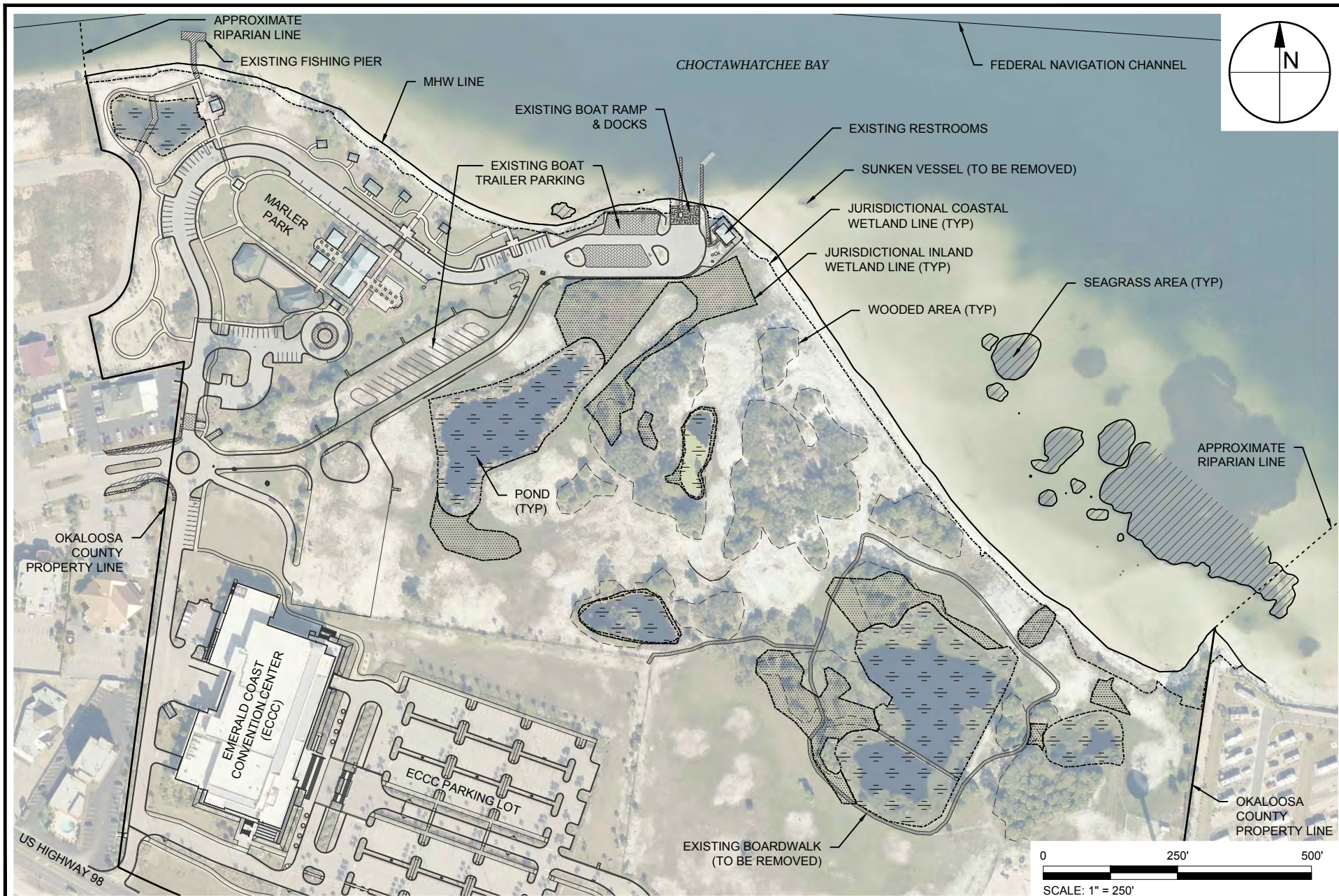
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FIGURE 4
EXISTING ENVIRONMENTAL RESOURCES MAP
OKALOOSA BAYWALK
OKALOOSA COUNTY, FLORIDA

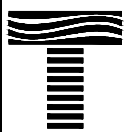
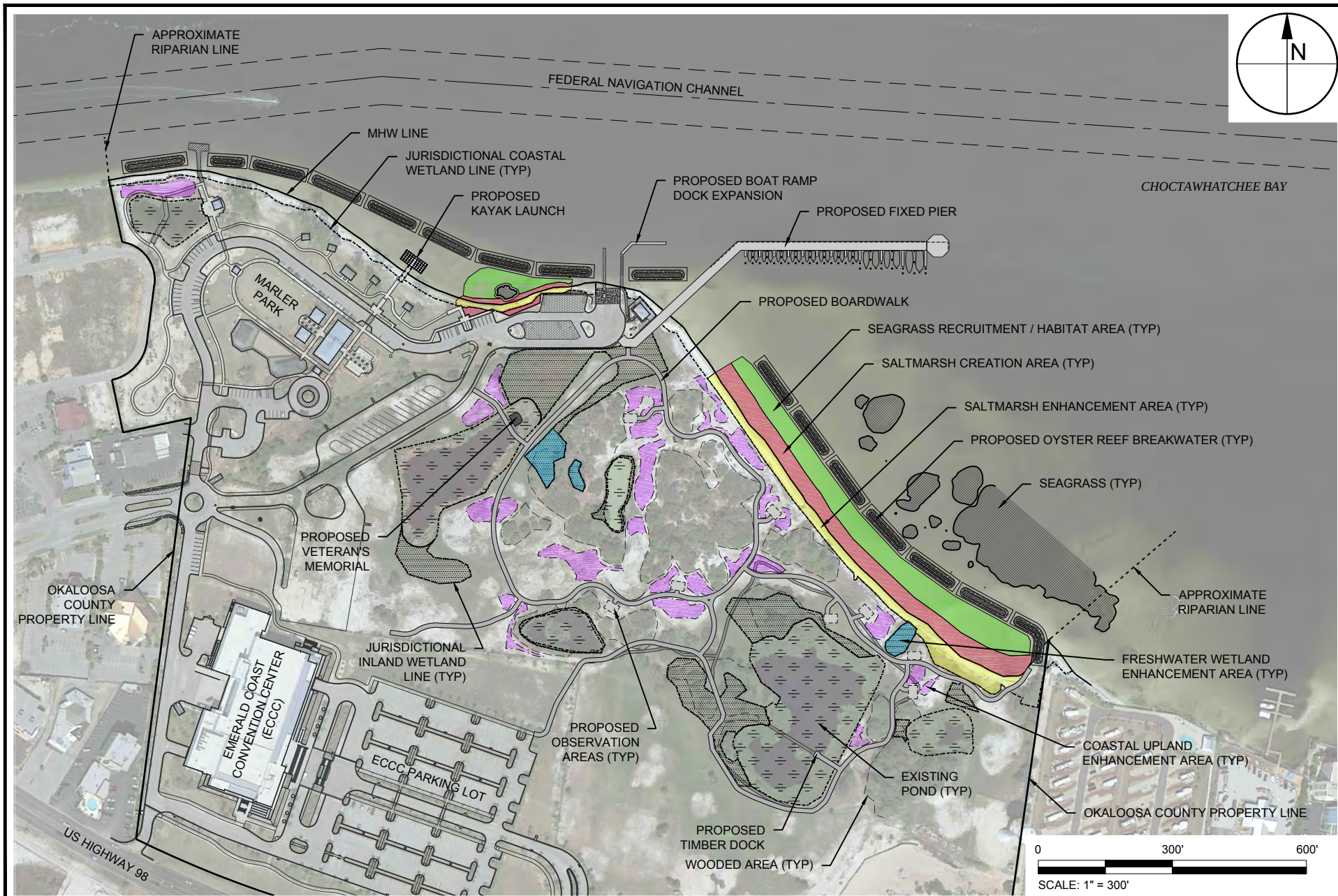
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FIGURE 5
PROJECT OVERVIEW
OKALOOSA BAYWALK
OKALOOSA COUNTY, FLORIDA

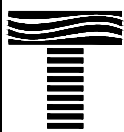
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FIGURE 6
SHEET INDEX
OKALOOSA BAYWALK
OKALOOSA COUNTY, FLORIDA

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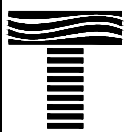
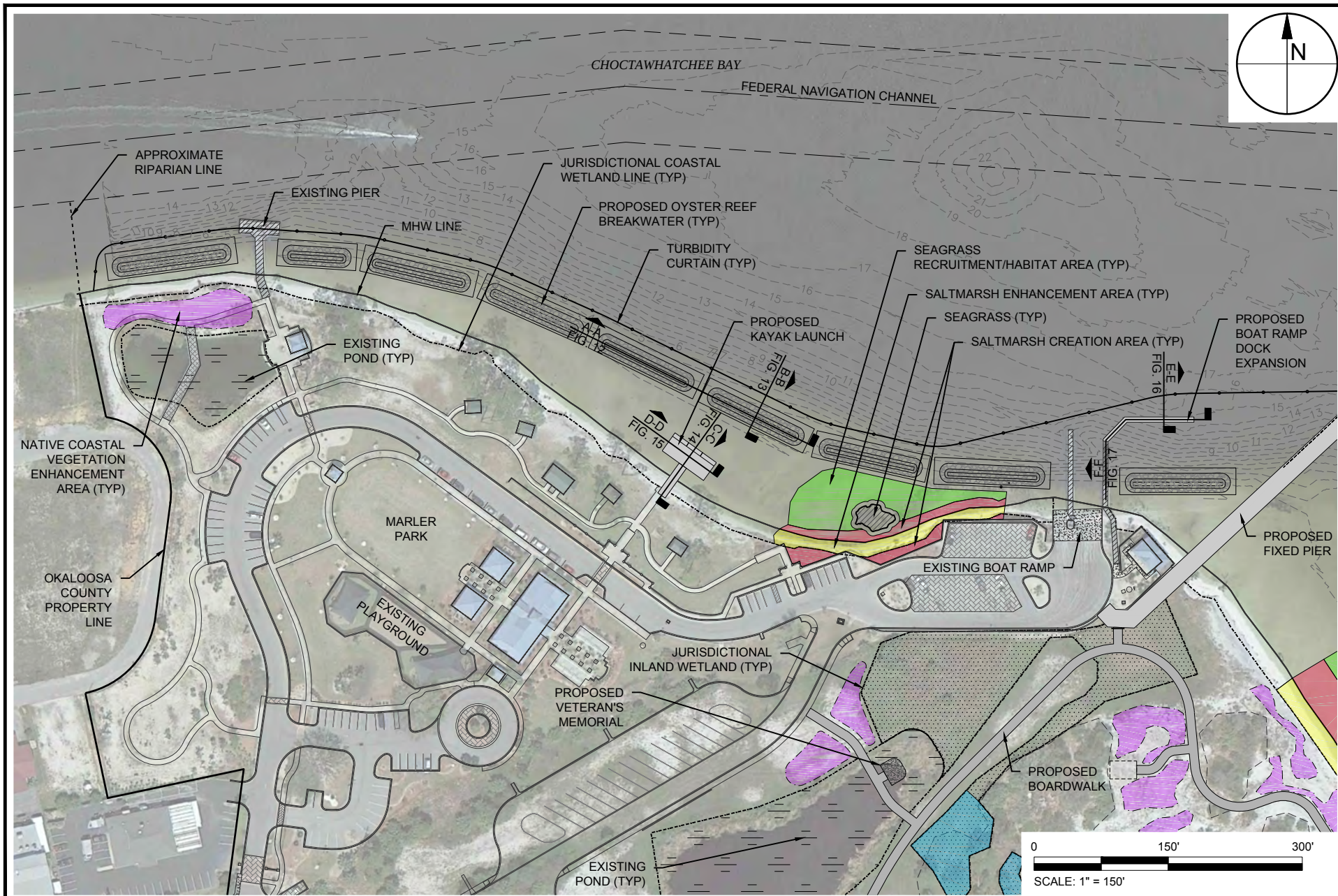
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FIGURE 7
PROPOSED WEST SHORELINE PLAN VIEW
OKALOOSA BAYWALK
OKALOOSA COUNTY, FLORIDA

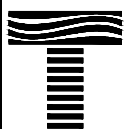
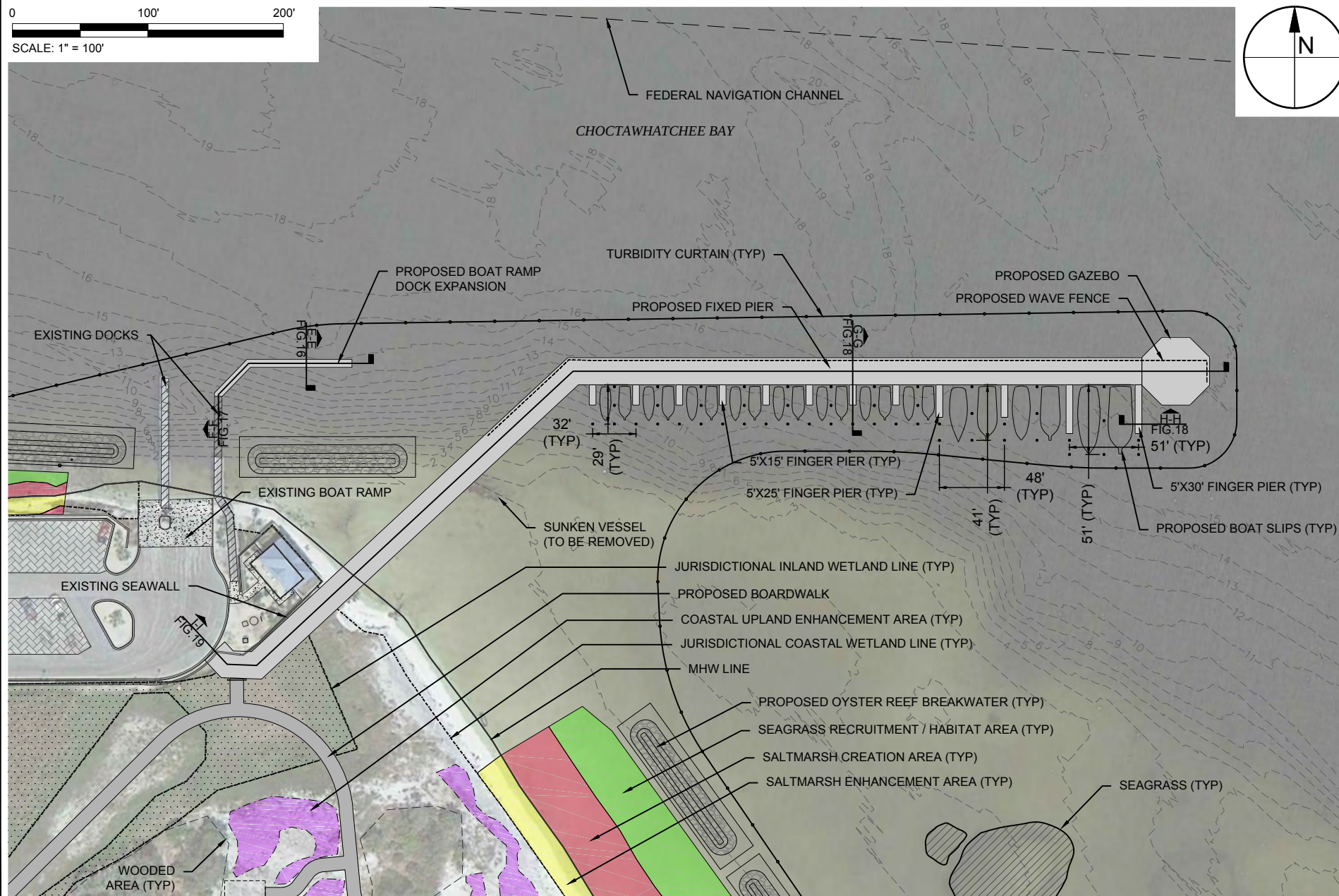
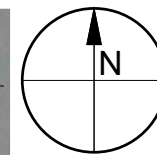
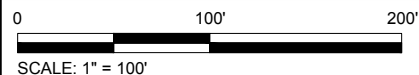
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FIGURE 8
PROPOSED CENTRAL SHORELINE PLAN VIEW
OKALOOSA BAYWALK
OKALOOSA COUNTY, FLORIDA

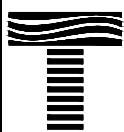
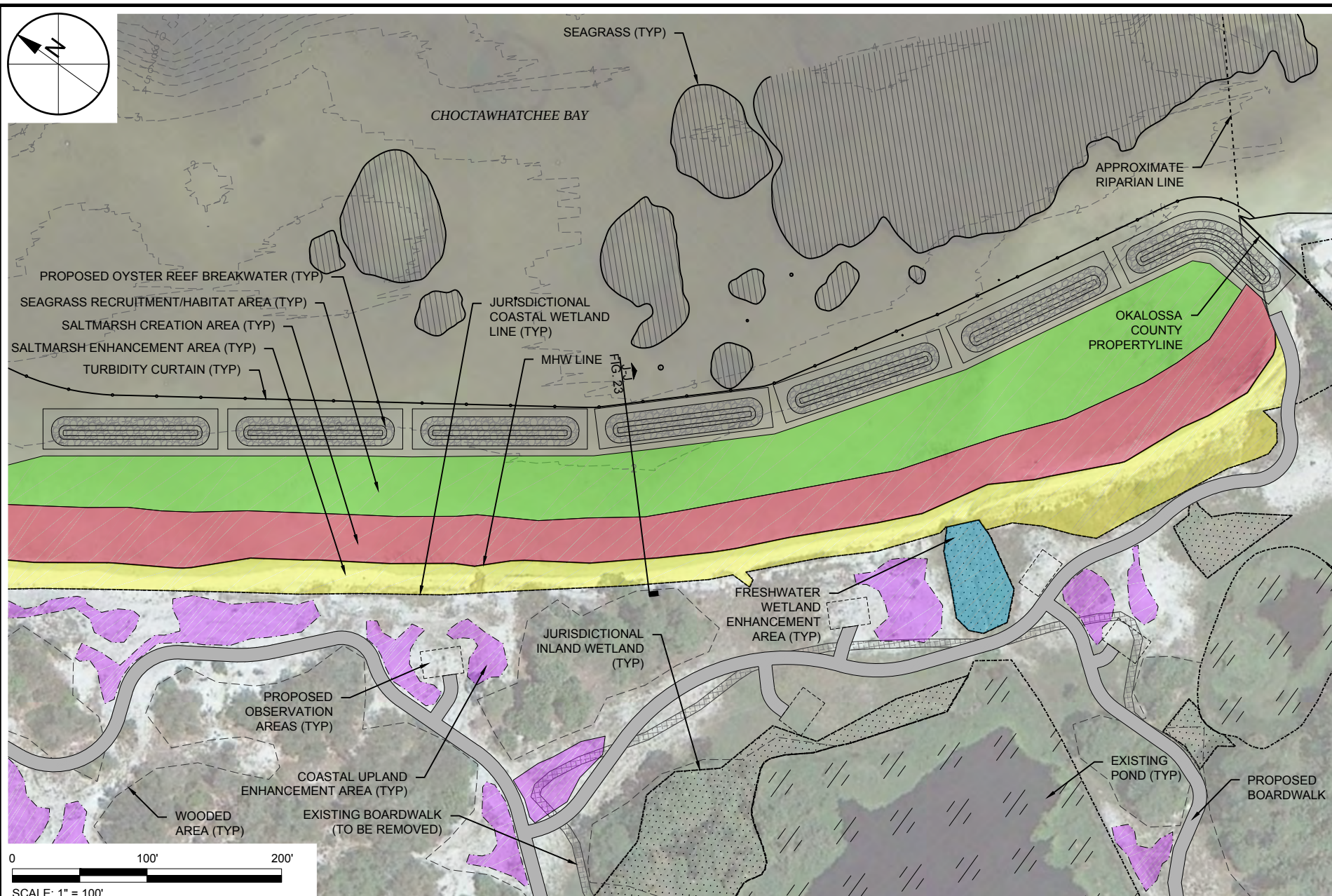
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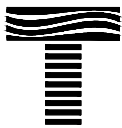
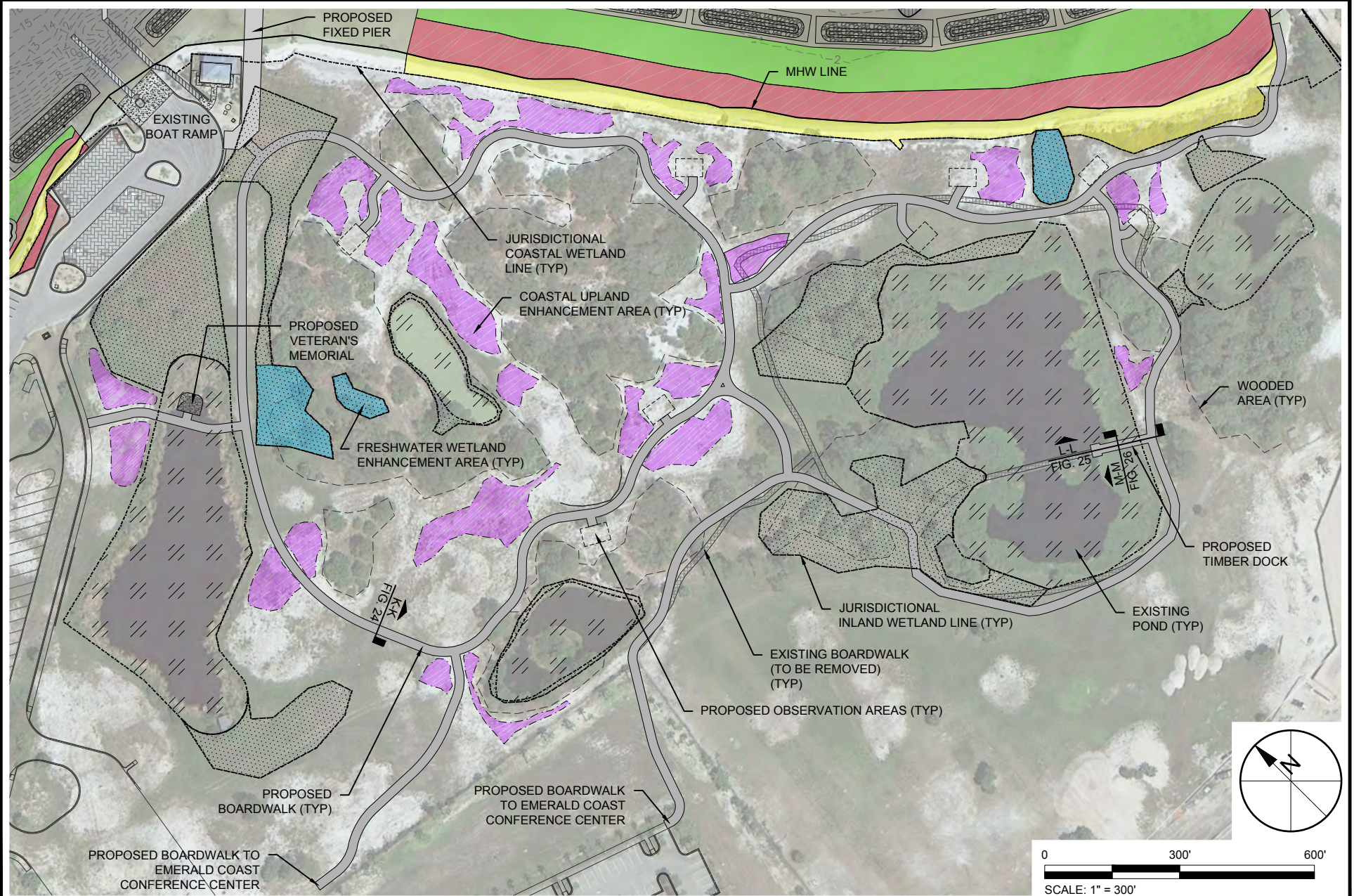
FIGURE 9
PROPOSED EAST SHORELINE PLAN VIEW
OKALOOSA BAYWALK
OKALOOSA COUNTY, FLORIDA

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FIGURE 10
PROPOSED UPLAND IMPROVEMENTS PLAN VIEW
OKALOOSA BAYWALK
OKALOOSA COUNTY, FLORIDA

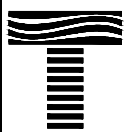
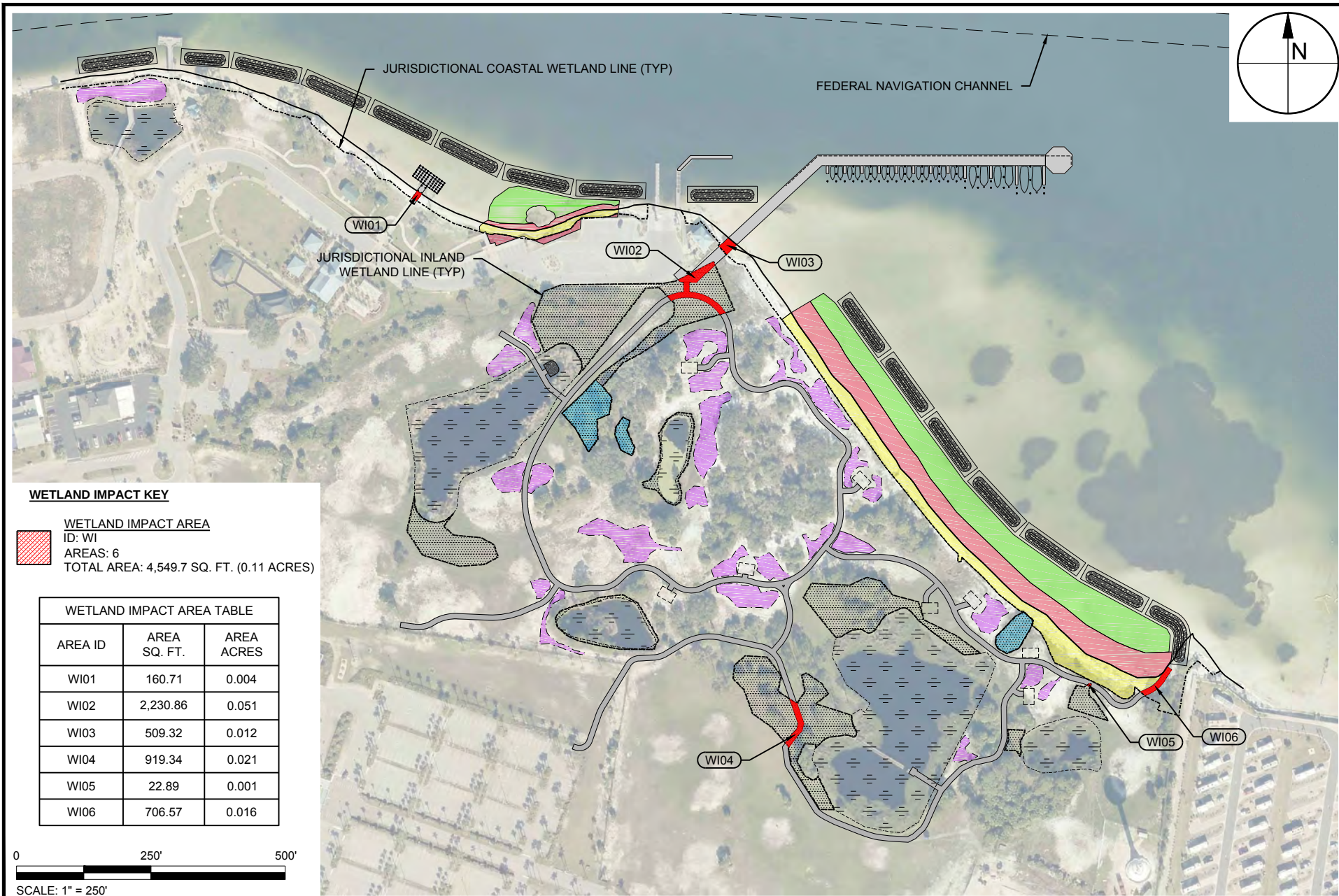
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FIGURE 11
WETLAND IMPACT MAP
OKALOOSA BAYWALK
OKALOOSA COUNTY, FLORIDA

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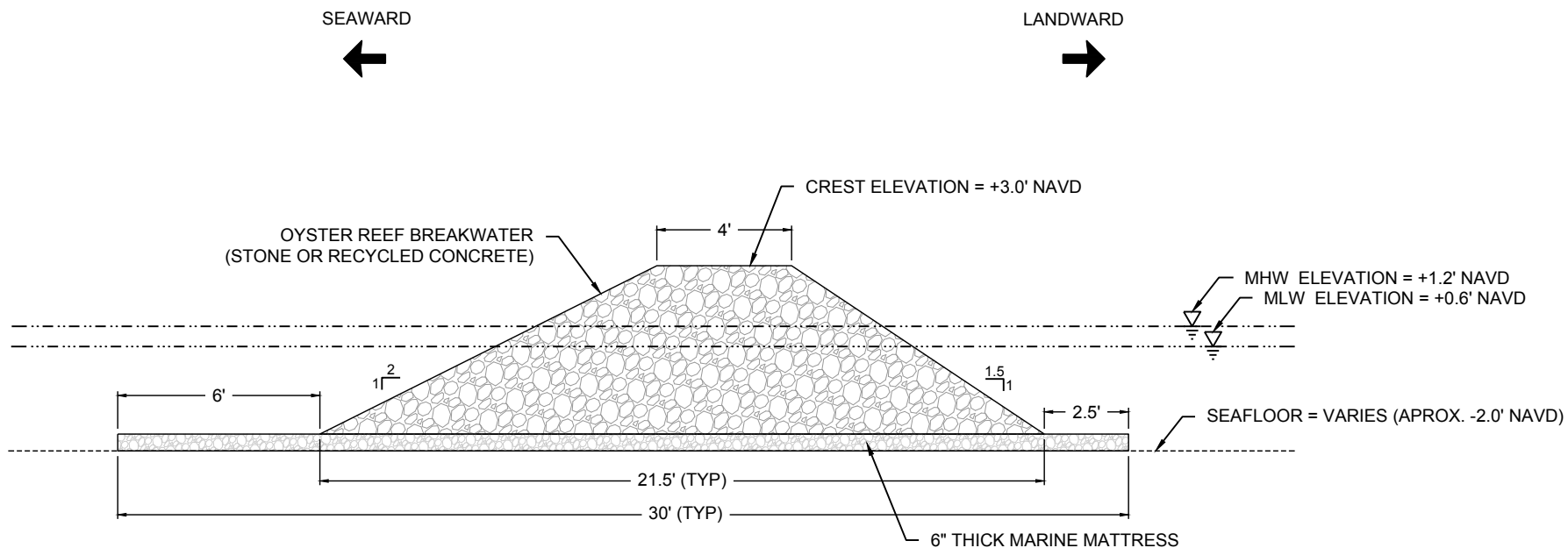
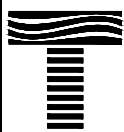


FIG. 7
B-B

SECTION VIEW TYPICAL DETAIL
OYSTER REEF BREAKWATER

SCALE: 1" = 5'

0 5'



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FIGURE 13
OYSTER REEF BREAKWATER SECTION DETAIL
OKALOOSA BAYWALK
OKALOOSA COUNTY, FLORIDA

PROJECT C2014-006/069

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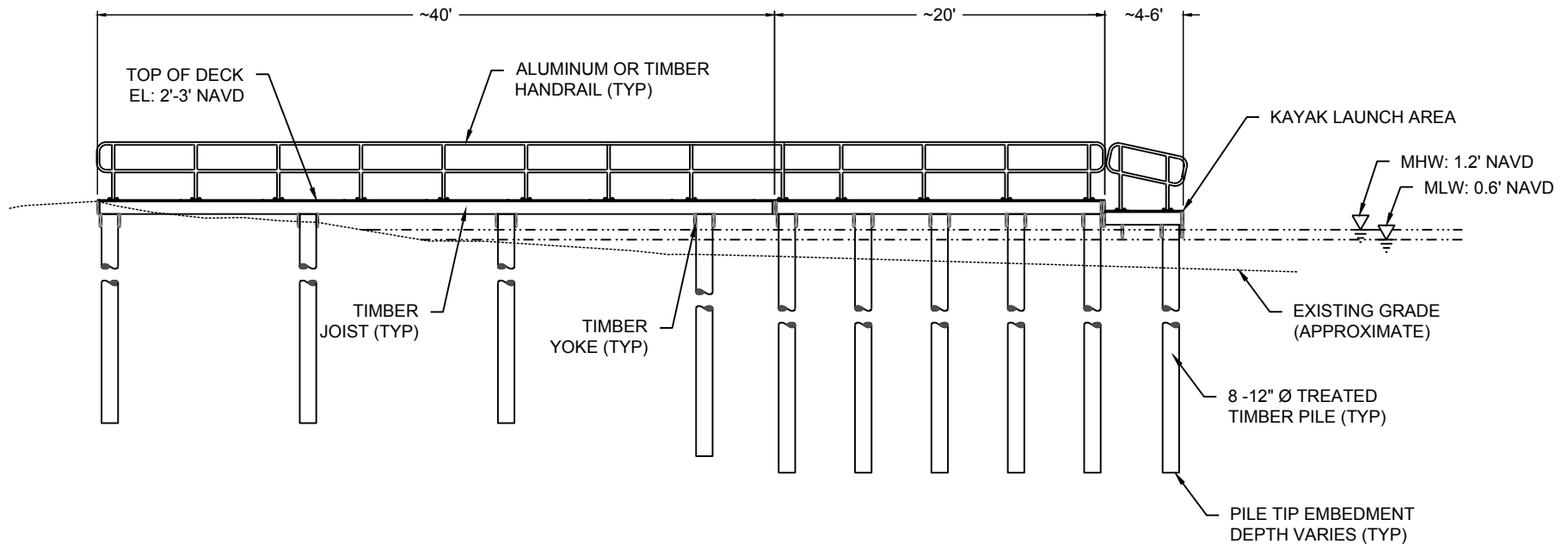
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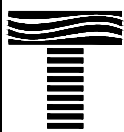
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TYPICAL SECTION VIEW KAYAK LAUNCH

SCALE: 1" = 10'



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FIGURE 14
KAYAK LAUNCH SECTION DETAIL C-C
OKALOOSA BAYWALK
OKALOOSA COUNTY, FLORIDA

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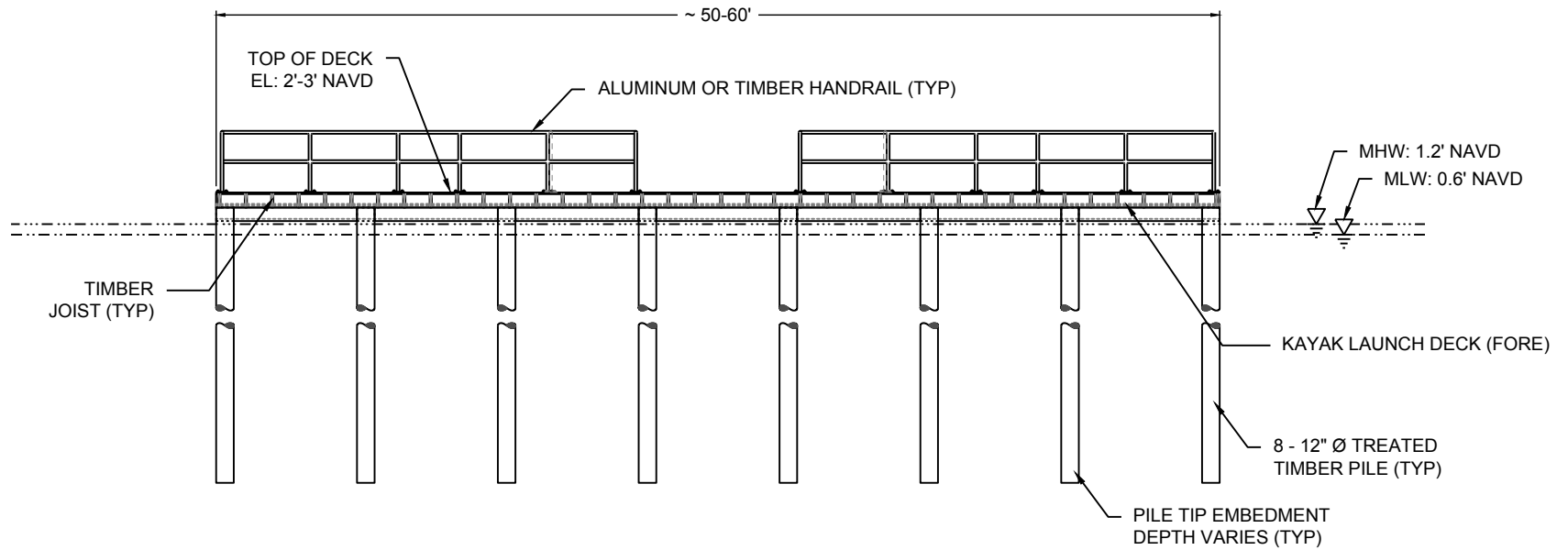
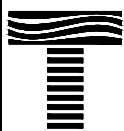


FIG. 7
D-D

TYPICAL SECTION VIEW KAYAK LAUNCH

SCALE: 1" = 10'



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FIGURE 15
KAYAK LAUNCH SECTION DETAIL D-D
OKALOOSA BAYWALK
OKALOOSA COUNTY, FLORIDA

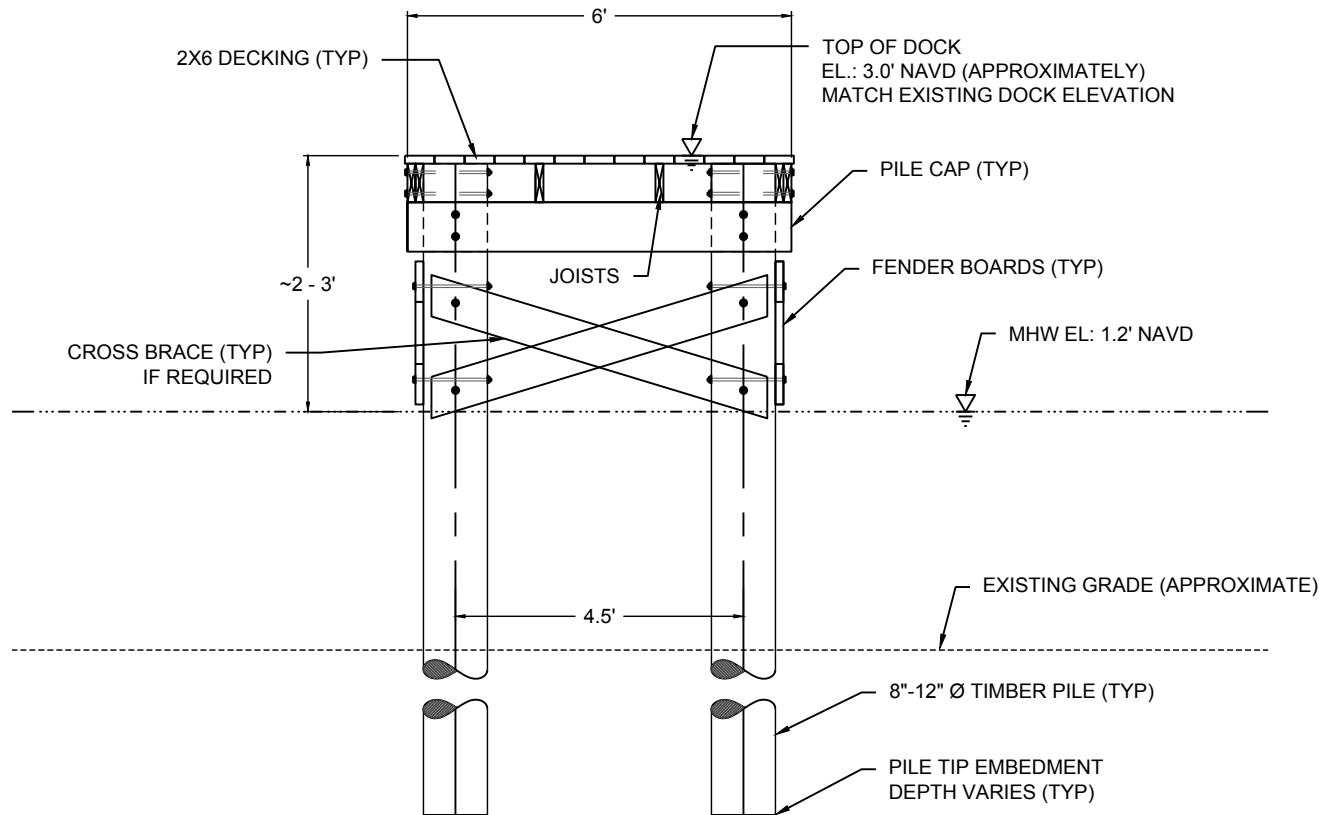
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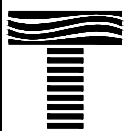
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F7 & F8
E-E

SECTION VIEW TYPICAL DETAIL TIMBER DOCK EXTENSION

SCALE: 1" = 3'



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FIGURE 16
TIMBER DOCK SECTION VIEW TYPICAL DETAIL E-E
OKALOOSA BAYWALK
OKALOOSA COUNTY, FLORIDA

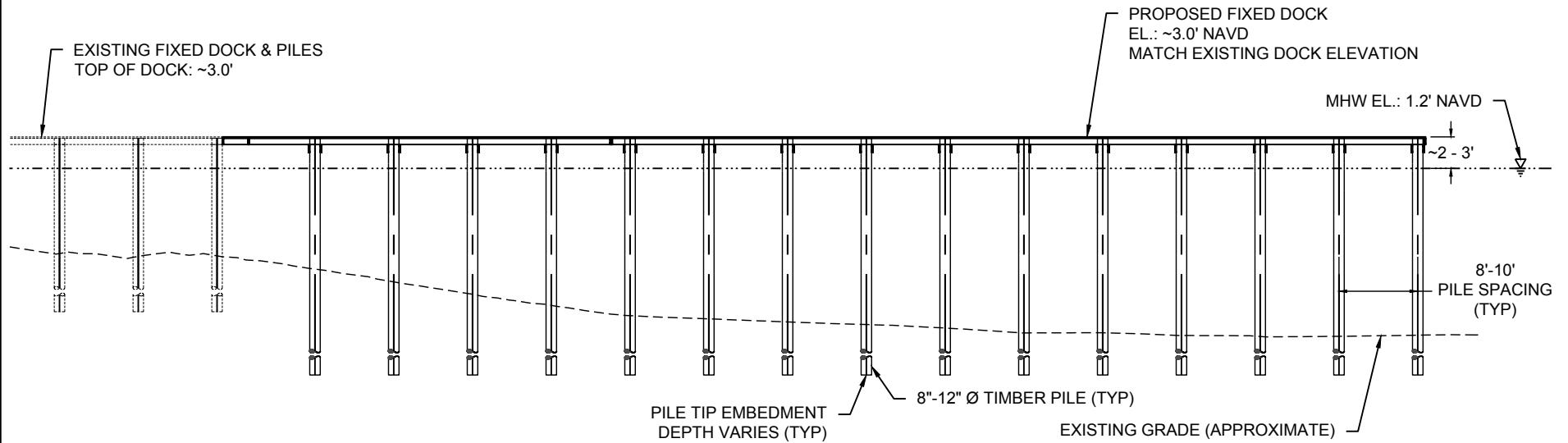
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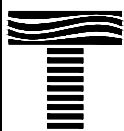


SECTION VIEW TYPICAL DETAIL
TIMBER DOCK EXTENSION

F7 & F8
F-F

SCALE: 1" = 15'

0 15'



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FIGURE 17
TIMBER DOCK SECTION VIEW TYPICAL DETAIL F-F
OKALOOSA BAYWALK
OKALOOSA COUNTY, FLORIDA

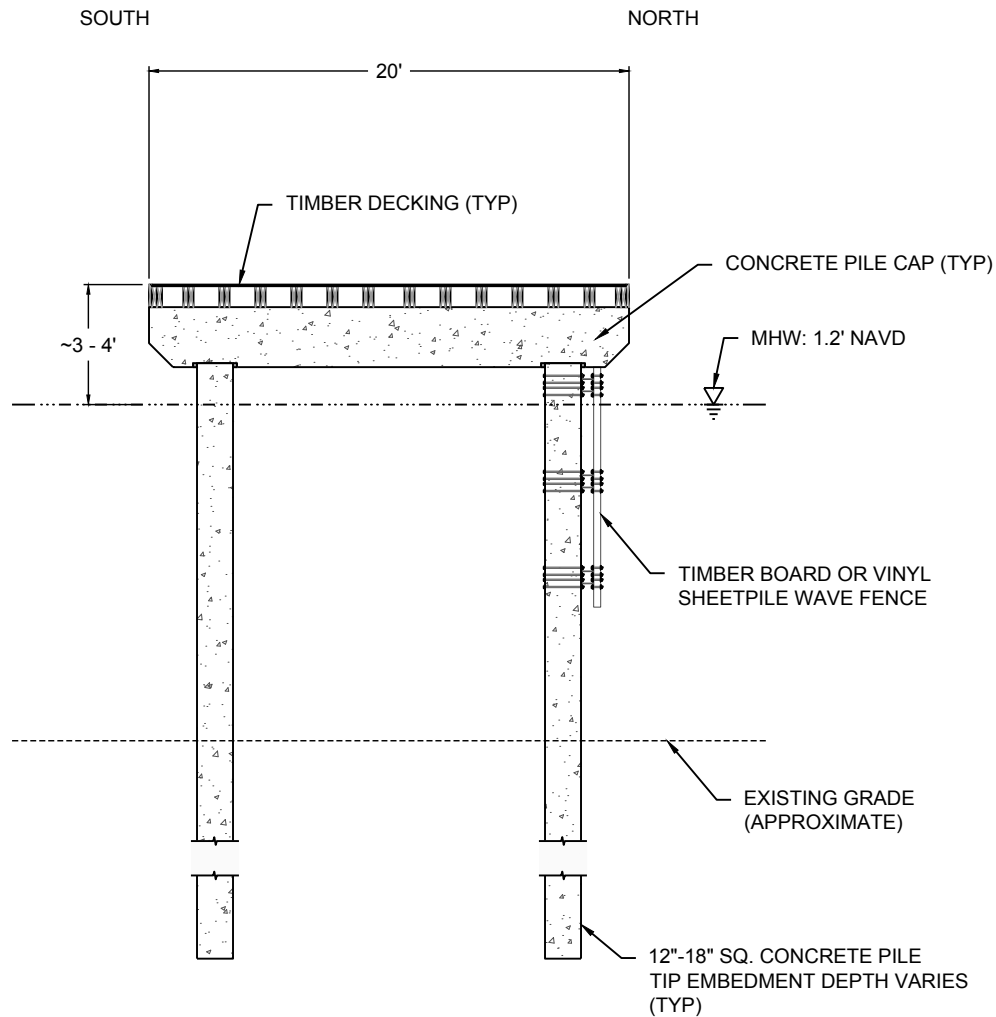
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DATE

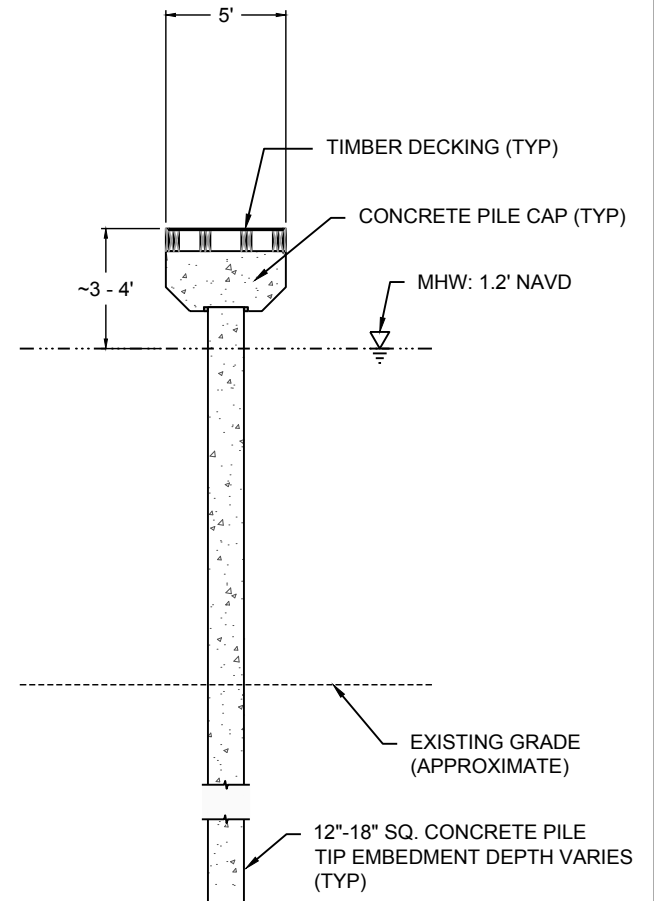
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SECTION VIEW TYPICAL DETAIL
FIXED PIER DOCK

FIG. 8
G-G

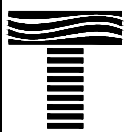
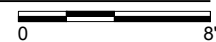
SCALE: 1" = 8'



SECTION VIEW TYPICAL DETAIL
FINGER PIER DOCKS

FIG. 8
H-H

SCALE: 1" = 8'



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FIGURE 18
FIXED PIER DOCK SECTION VIEW TYPICAL DETAILS G-G & H-H
OKALOOSA BAYWALK
OKALOOSA COUNTY, FLORIDA

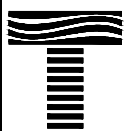
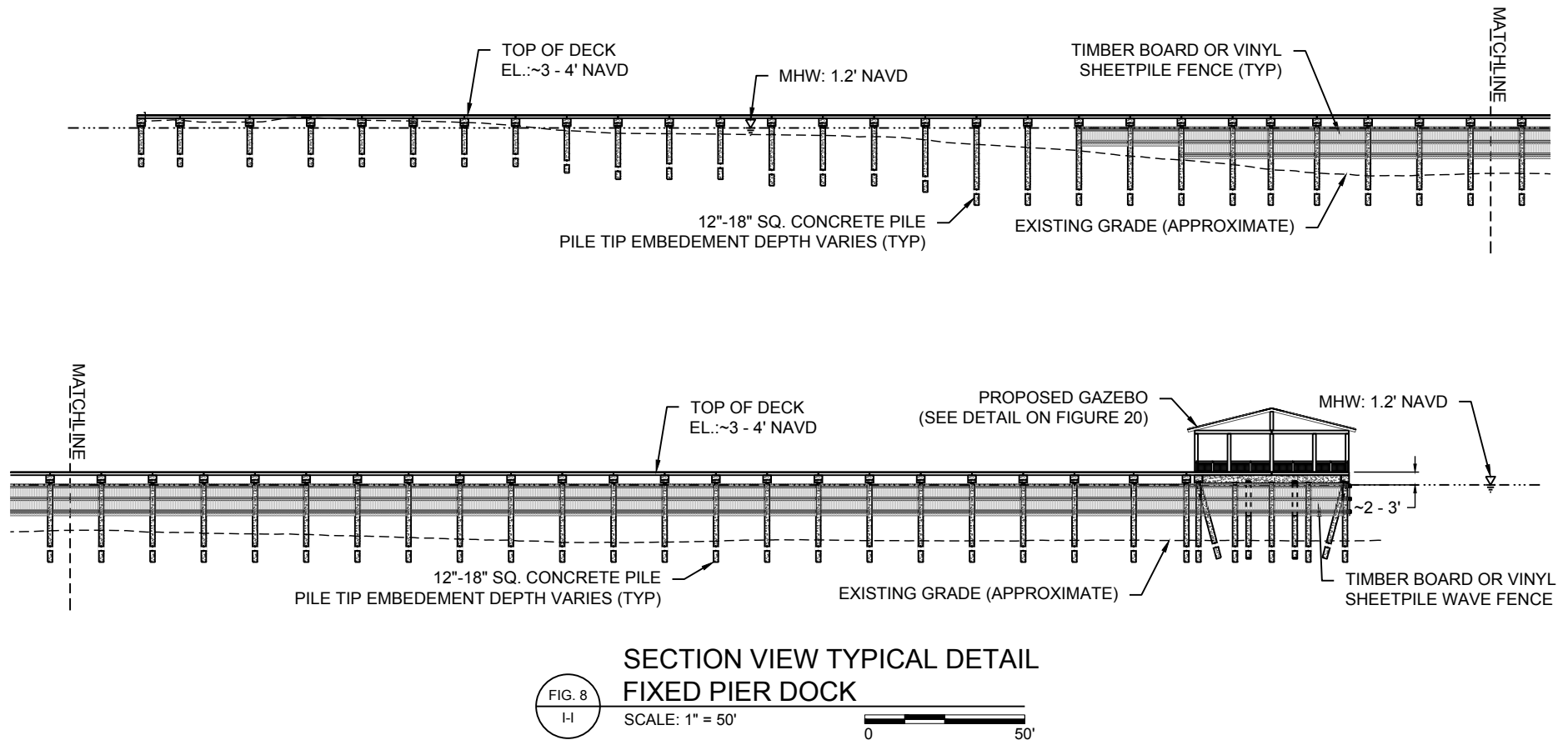
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FIGURE 19
FIXED PIER DOCK SECTION VIEW TYPICAL DETAIL I-I
OKALOOSA BAYWALK
OKALOOSA COUNTY, FLORIDA

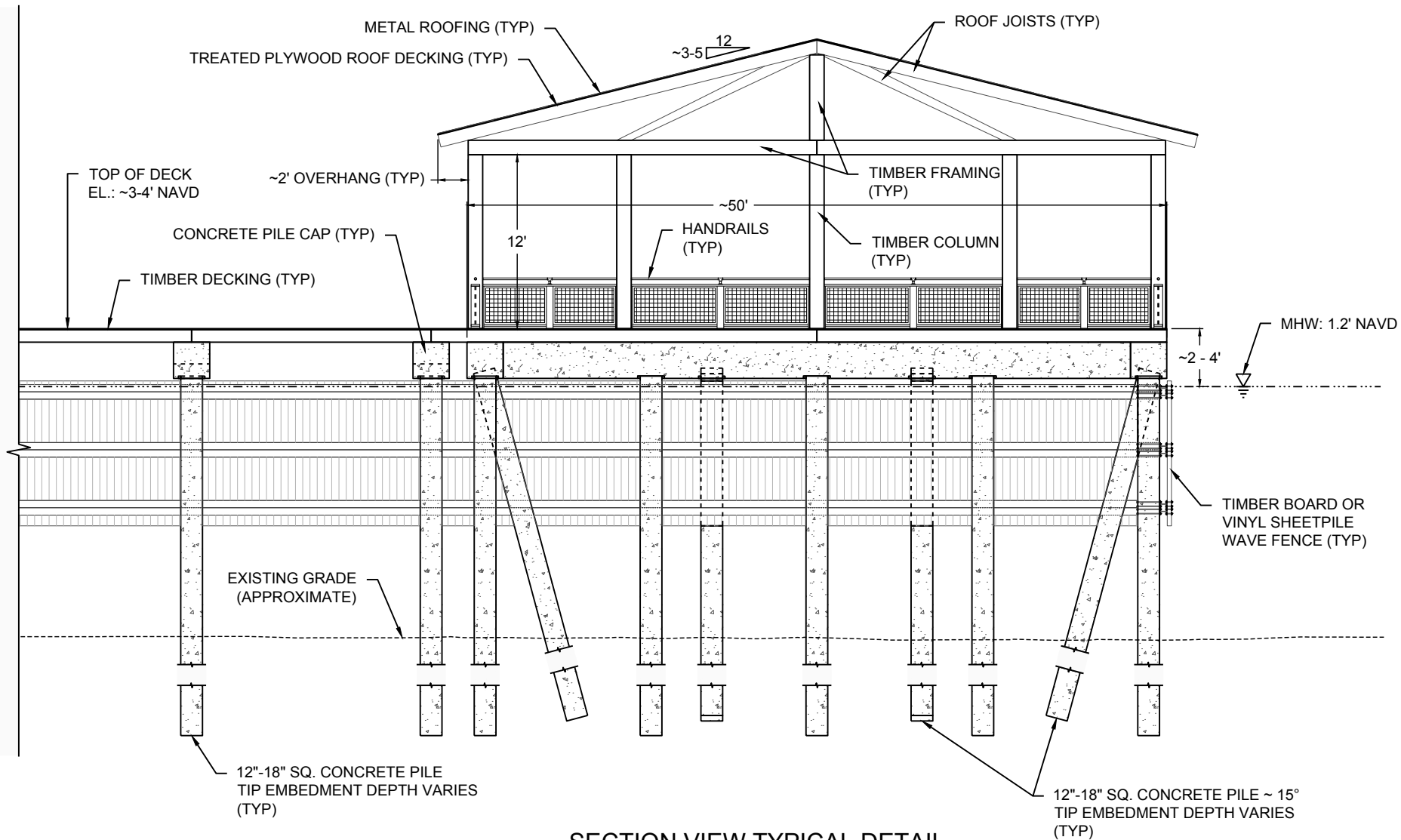
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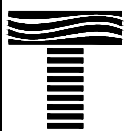
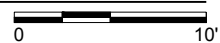
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SECTION VIEW TYPICAL DETAIL
FIXED PIER DOCK GAZEBO

SCALE: 1" = 10'



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FIGURE 20
FIXED PIER DOCK GAZEBO SECTION VIEW TYPICAL DETAIL
OKALOOSA BAYWALK
OKALOOSA COUNTY, FLORIDA

PROJECT C2014-006/069

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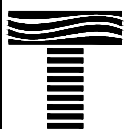
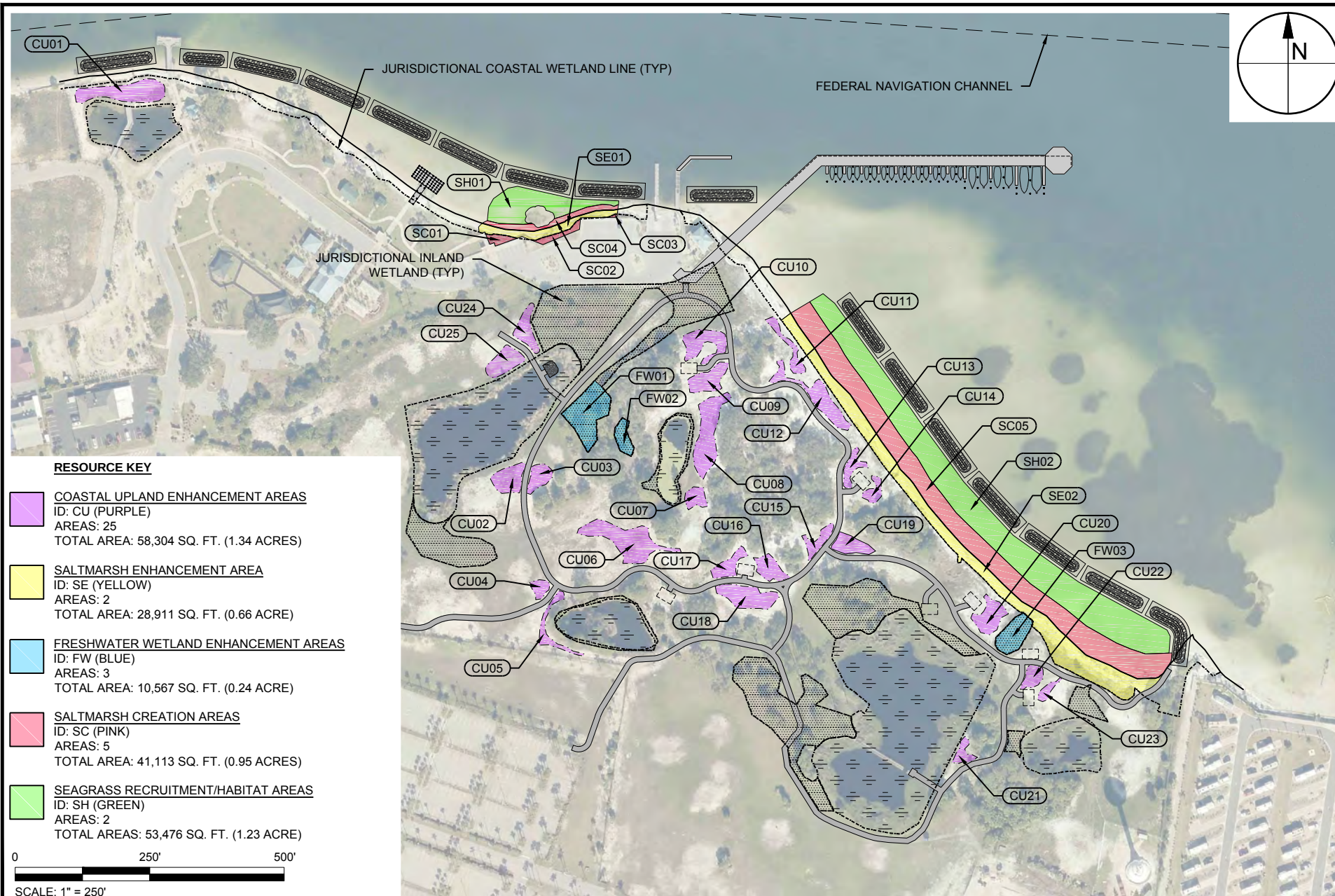
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FIGURE 21
ENVIRONMENTAL RESOURCES IMPROVEMENTS MAP
OKALOOSA BAYWALK
OKALOOSA COUNTY, FLORIDA

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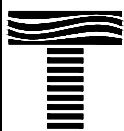
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RESOURCES AREA TABLE		
AREA ID	AREA SQ. FT.	AREA ACRES
CU01	4,905.95	0.11
CU02	2,483.82	0.06
CU03	1,659.52	0.04
CU04	889.89	0.02
CU05	1,602.14	0.04
CU06	6,137.69	0.14
CU07	1,292.96	0.03
CU08	5,240.61	0.12
CU09	2,511.00	0.06
CU10	3,098.17	0.07
CU11	1,601.62	0.04
CU12	3,878.71	0.09
CU13	1,355.37	0.03
CU14	1,045.66	0.02
CU15	1,377.45	0.03
CU16	1,903.47	0.04
CU17	1,694.89	0.04
CU18	3,636.00	0.08
CU19	1,976.43	0.05

RESOURCES AREA TABLE		
AREA ID	AREA SQ. FT.	AREA ACRES
CU20	2,576.78	0.06
CU21	1,008.46	0.02
CU22	1,266.67	0.03
CU23	687.51	0.02
CU24	2,024.59	0.05
CU25	2,448.62	0.06
FW01	5,966.47	0.14
FW02	1,516.69	0.03
FW03	3,084.00	0.07
SC01	720.91	0.02
SC02	896.21	0.02
SC03	66.29	0.00
SC04	2,467.40	0.06
SC05	36,962.07	0.85
SE01	3,499.85	0.08
SE02	25,410.91	0.58
SH01	8,157.13	0.19
SH02	45,318.81	1.04



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FIGURE 22
ENVIRONMENTAL RESOURCES IMPROVEMENTS TABLE
OKALOOSA BAYWALK
OKALOOSA COUNTY, FLORIDA

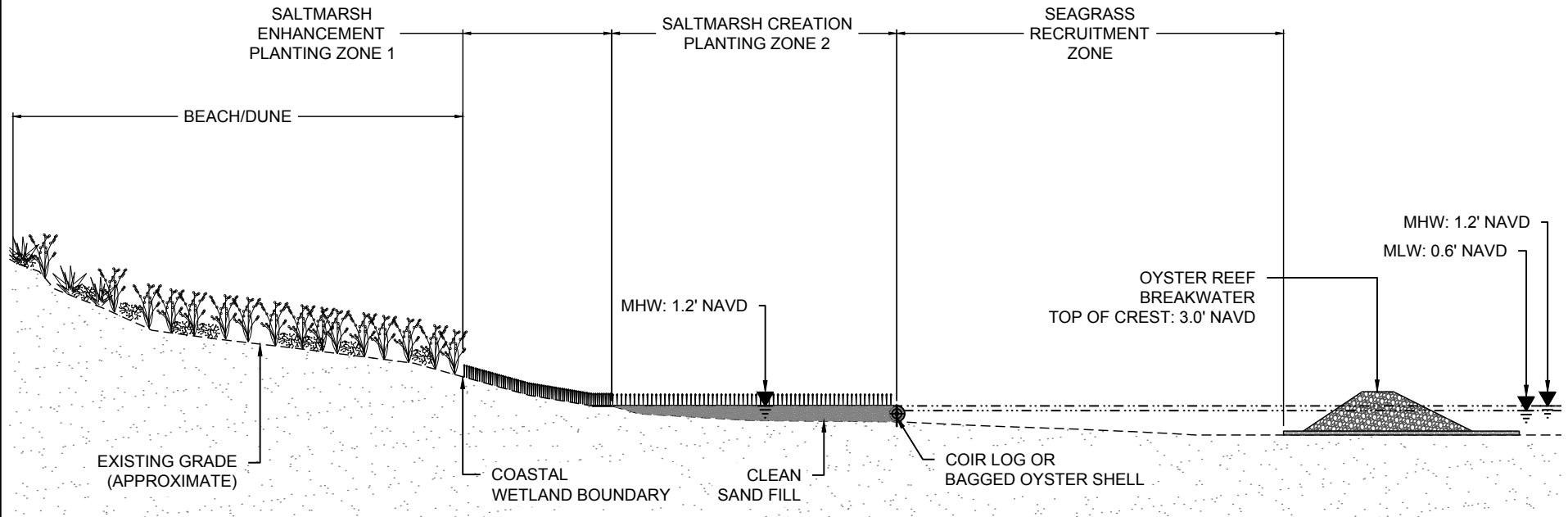
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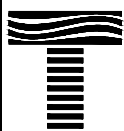


PLANTING SCHEDULE				
ZONE	COMMON NAME	SCIENTIFIC NAME	SIZE	DENSITY
1	MARSH-HAY CORDGRASS	<i>Spartina patens</i>	2" LINER	12" ON CENTER
2	SMOOTH CORDGRASS	<i>Spartina alterniflora</i>	2" LINER	12" ON CENTER



LIVING SHORELINE TYPICAL CROSS SECTION

NOT TO SCALE



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FIGURE 23
LIVING SHORELINE TYPICAL CROSS SECTION
OKALOOSA BAYWALK
OKALOOSA COUNTY, FLORIDA

PROJECT C2014-006/069

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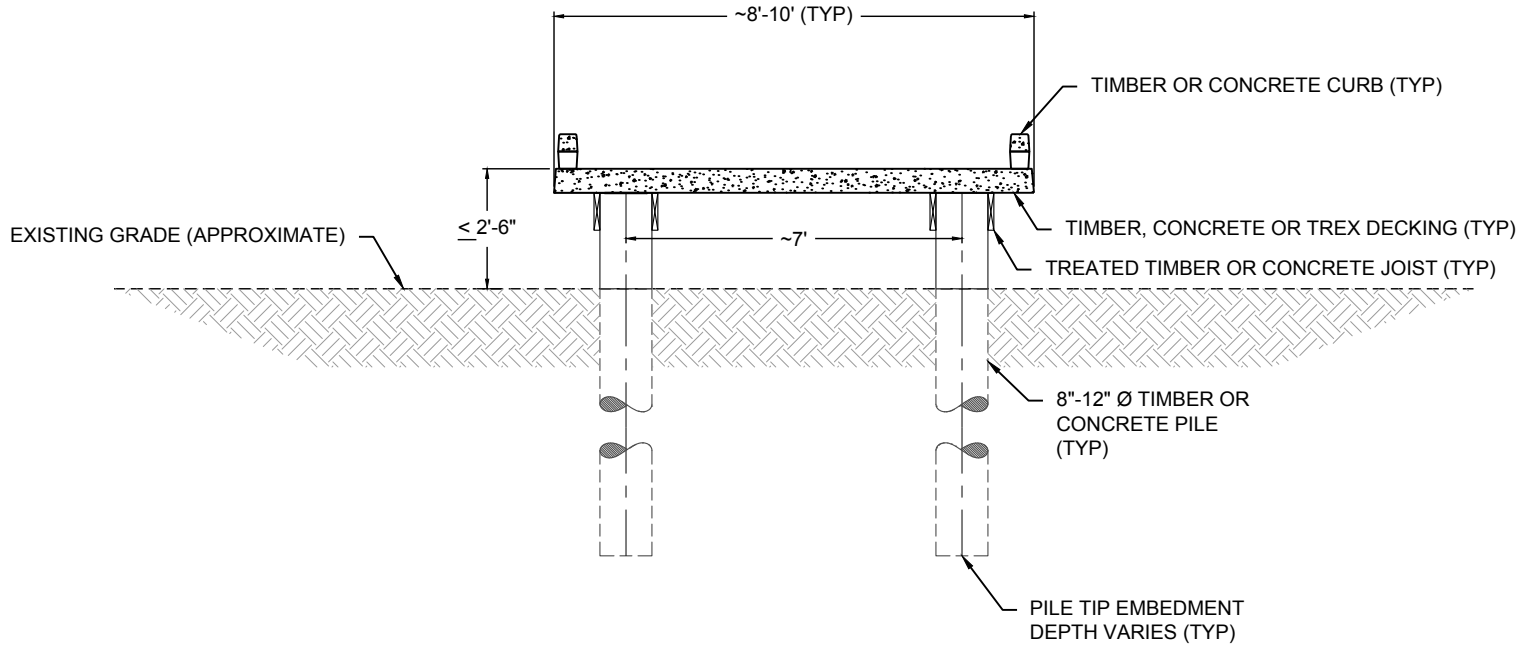
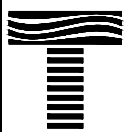


FIG. 10
K-K

TYPICAL SECTION DETAIL BOARDWALK

SCALE: 1" = 4'



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FIGURE 24
BOARDWALK TYPICAL SECTION DETAIL L-L
OKALOOSA BAYWALK
OKALOOSA COUNTY, FLORIDA

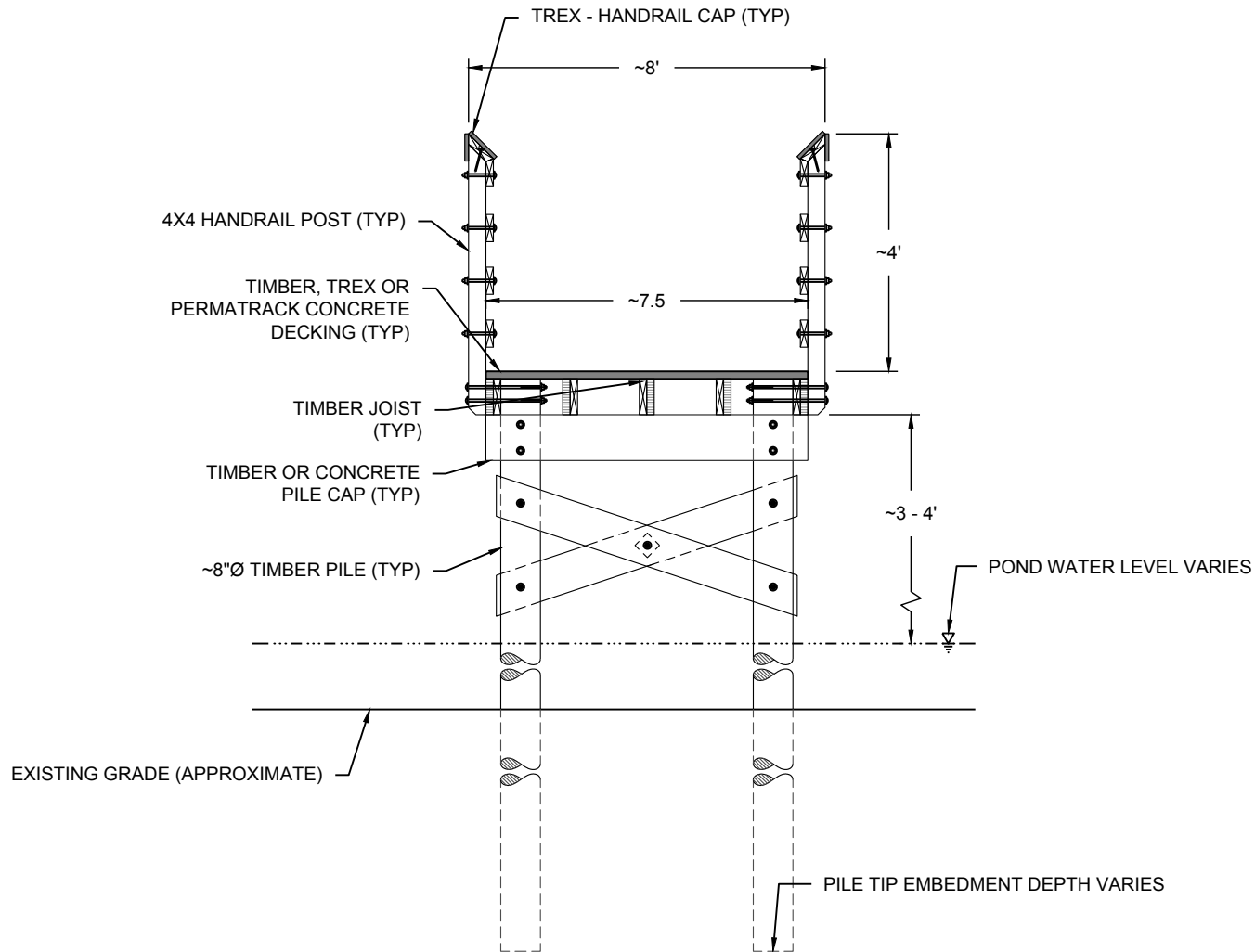
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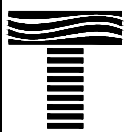
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SECTION VIEW TYPICAL DETAIL
TIMBER DOCK AT POND

FIG. 10
L-L

SCALE: 1" = 3'



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FIGURE 25
TIMBER DOCK AT POND TYPICAL SECTION VIEW DETAIL L-L
OKALOOSA BAYWALK
OKALOOSA COUNTY, FLORIDA

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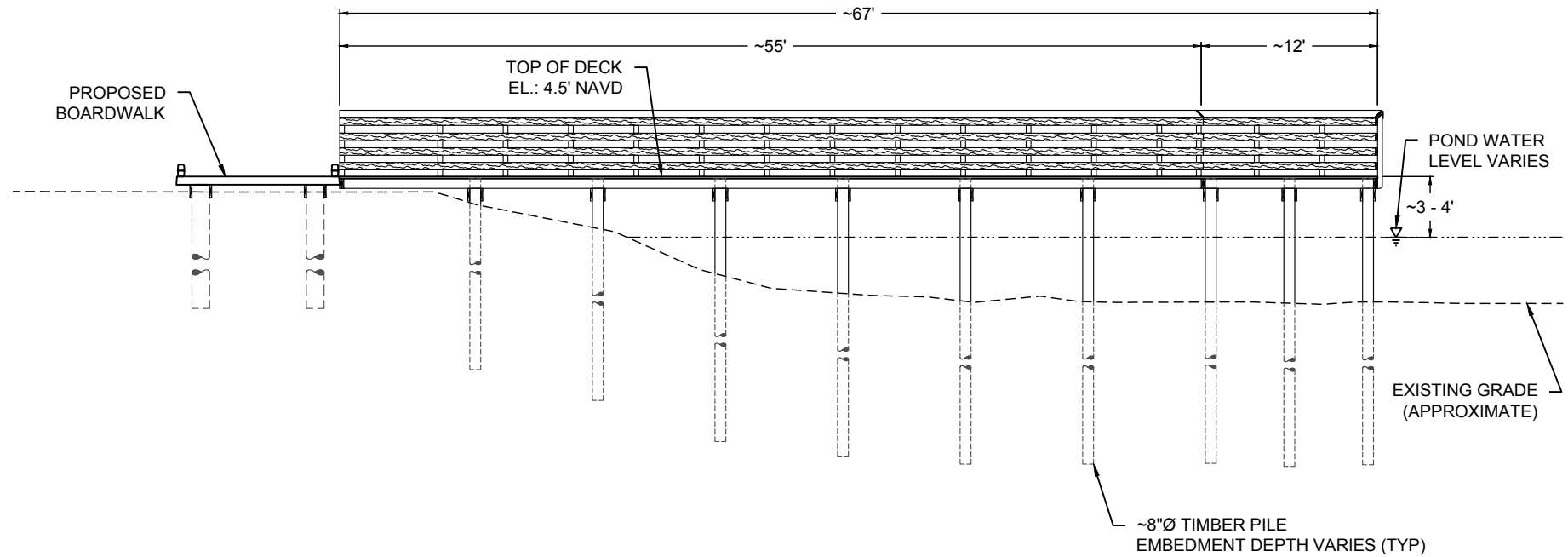
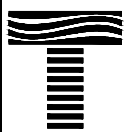


FIG. 10
M-M

SECTION VIEW TYPICAL DETAIL TIMBER DOCK AT POND

SCALE: 1" = 10'



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FIGURE 26
TIMBER DOCK AT POND TYPICAL SECTION VIEW DETAIL M-M
OKALOOSA BAYWALK
OKALOOSA COUNTY, FLORIDA

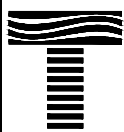
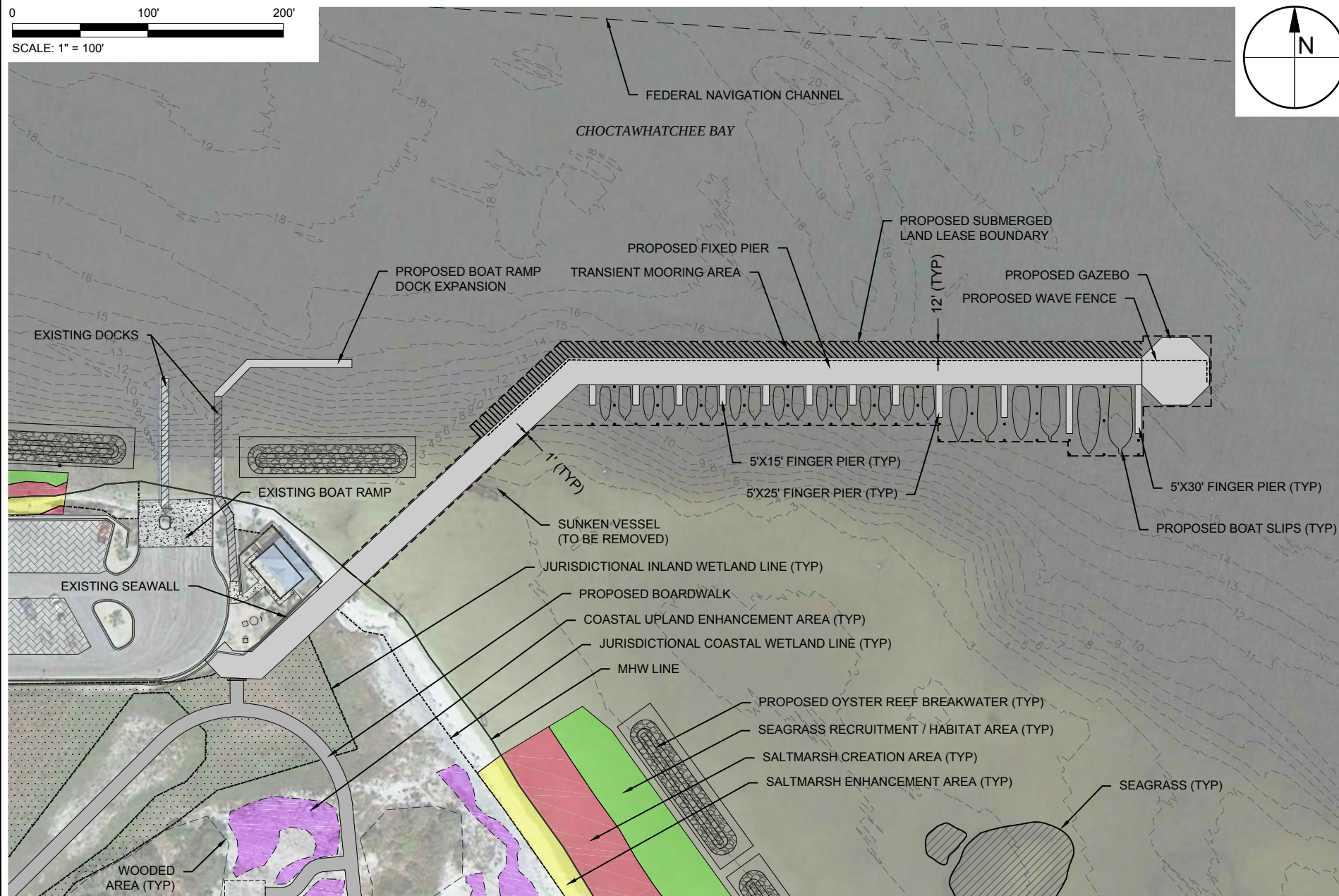
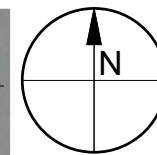
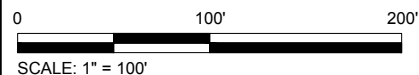
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FIGURE 27
PROPOSED SUBMERGED LAND LEASE AREA
OKALOOSA BAYWALK
OKALOOSA COUNTY, FLORIDA

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