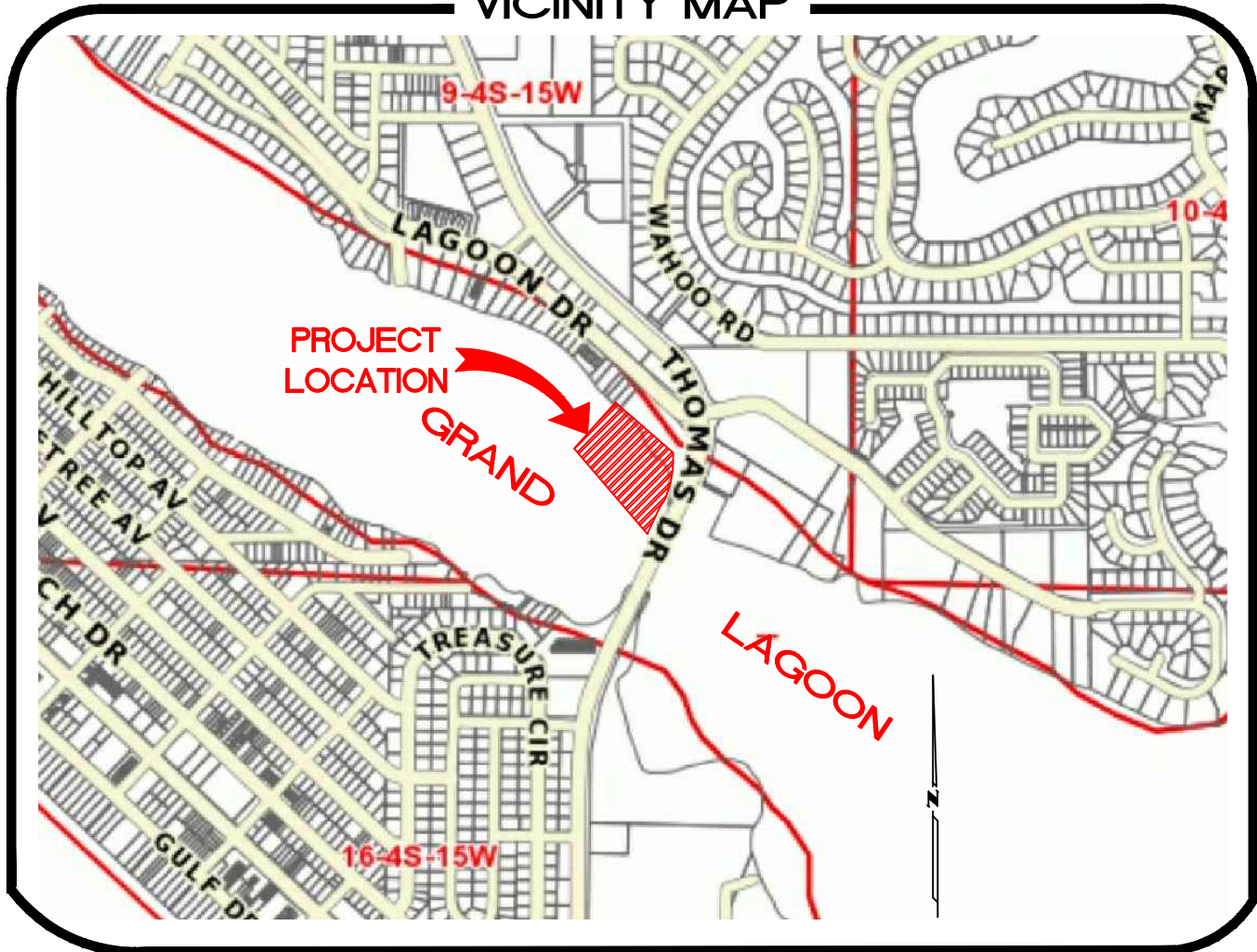
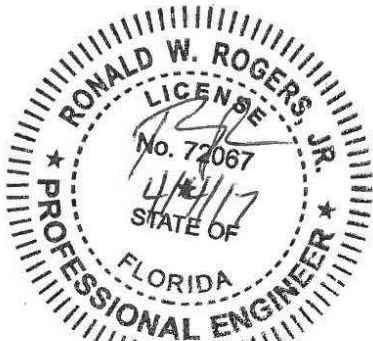


# ADVENTURES AT SEA MARINA DOCK IMPROVEMENTS

## VICINITY MAP



SCALE: 1" = 1,000'



**RONALD W. ROGERS**  
P.E. # 72067

**PREPARED BY:**  
GULF ENVIRONMENTAL ENGINEERING, LLC  
**RECORDED OWNER:**  
RAINBOW RESTAURANTS, INC  
P.O. BOX 18671  
PANAMA CITY, FL 32417  
**PROJECT ADDRESS:**  
5711 NORTH LAGOON DR.  
PANAMA CITY BEACH, FL 32408

### INDEX OF SHEETS

NO.	DESCRIPTION
1	COVER
2	PROJECT LOCATION
3	LEGEND
4	SITE OVERVIEW
5	WEST DOCK PLAN VIEW
6	EAST DOCK PLAN VIEW
7	PROPOSED DOCK IMPROVEMENTS
8	SECTION A-A'
9	SECTION B-B'
10	SECTION C-C'
11	SECTION D-D'
12	SECTION E-E'
13	LANDING LATTICE DETAIL
14	DOCK DETAILS AND NOTES
15	EROSION CONTROL DETAILS

**Gulf Environmental  
Engineering, LLC**

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Panama City, FL 32411  
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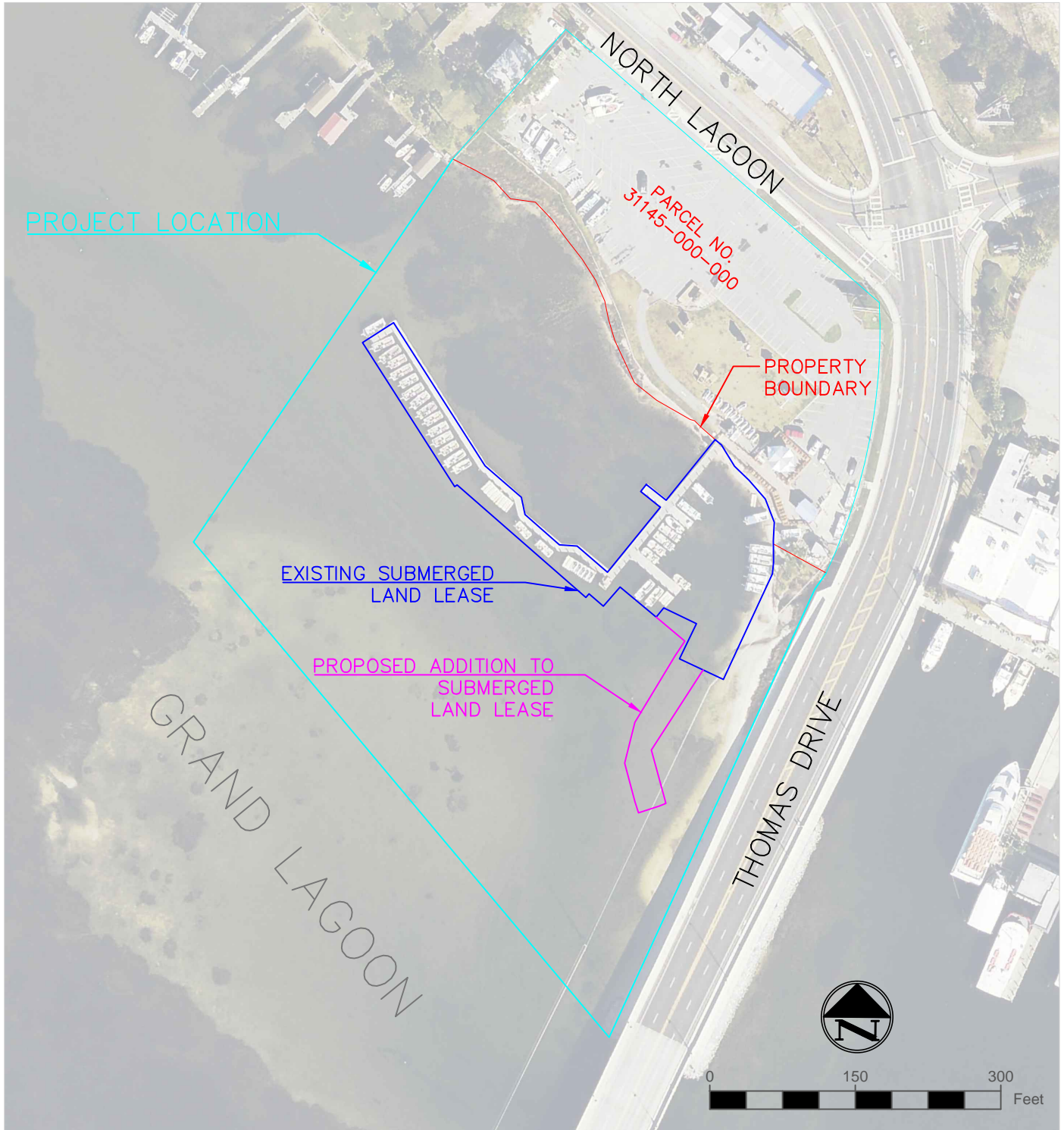
NOTE:

SHEET NO.

**1**  
OF 15

JOB NO. 081116

# ADVENTURES AT SEA MARINA DOCK IMPROVEMENTS



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PROJECT LOCATION

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





SHEET NO.

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OF 15

JOB NO. 081116

# ADVENTURES AT SEA MARINA DOCK IMPROVEMENTS

## LEGEND:

-  - EXISTING WOODEN PILINGS
-  - PROPOSED 12" TIMBER PILES
-  - PROPOSED SLIP
-  - MHW NAVD 29 = 1.18'
-  - PROPOSED ADDITION TO SUBMERGED LAND LIMITS
-  - PROPOSED SLIP LINE
-  - EXISTING SLIP LINE
-  - EXIST. RAINBOW RESTAURANT SUBMERGED LAND LEASE LIMITS
-  - EXIST. CONTOURS
-  - EXIST. NAVIGATION CHANNEL LIMITS
-  - SEA GRASS BED
-  - EXISTING DOCK
-  - PROPOSED DOCK
-  - EXISTING BOAT RAMP
-  - EXISTING CONCRETE SIDEWALK
-  - TRIANGLE DOCK BRACING
-  - PROPOSED STAIR LOCATION
-  - PROPOSED LANDING LATTICE LOCATION
-  - COUNTY OWNED PROPERTY LIMITS
-  - INSTALL TURBIDITY CURTAIN

## NOTES:

EXISTING ABOVE WATER STRUCTURES = 10,040 sqft  
PROPOSED DOCK STRUCTURE = 1,099 sqft

ELEVATIONS REFERENCED TO NGVD 29  
HORIZONTAL REFERENCE TO FLORIDA STATE PLANES NAD 83,  
NORTH ZONE FIPS 0903

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LEGEND

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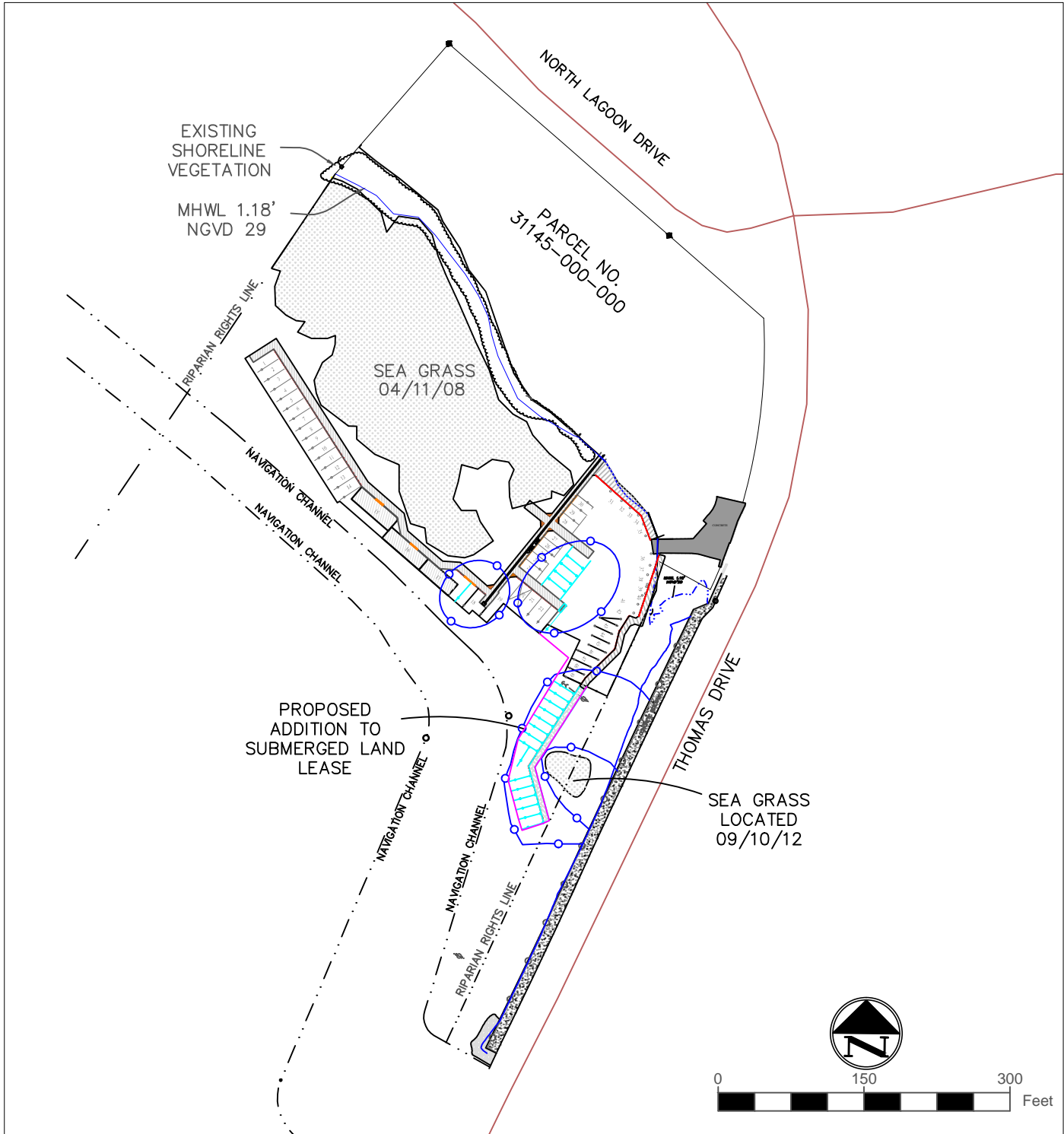
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JOB NO. 081116

# ADVENTURES AT SEA MARINA DOCK IMPROVEMENTS



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Gulf Environmental  
Engineering, LLC

### SITE OVERVIEW

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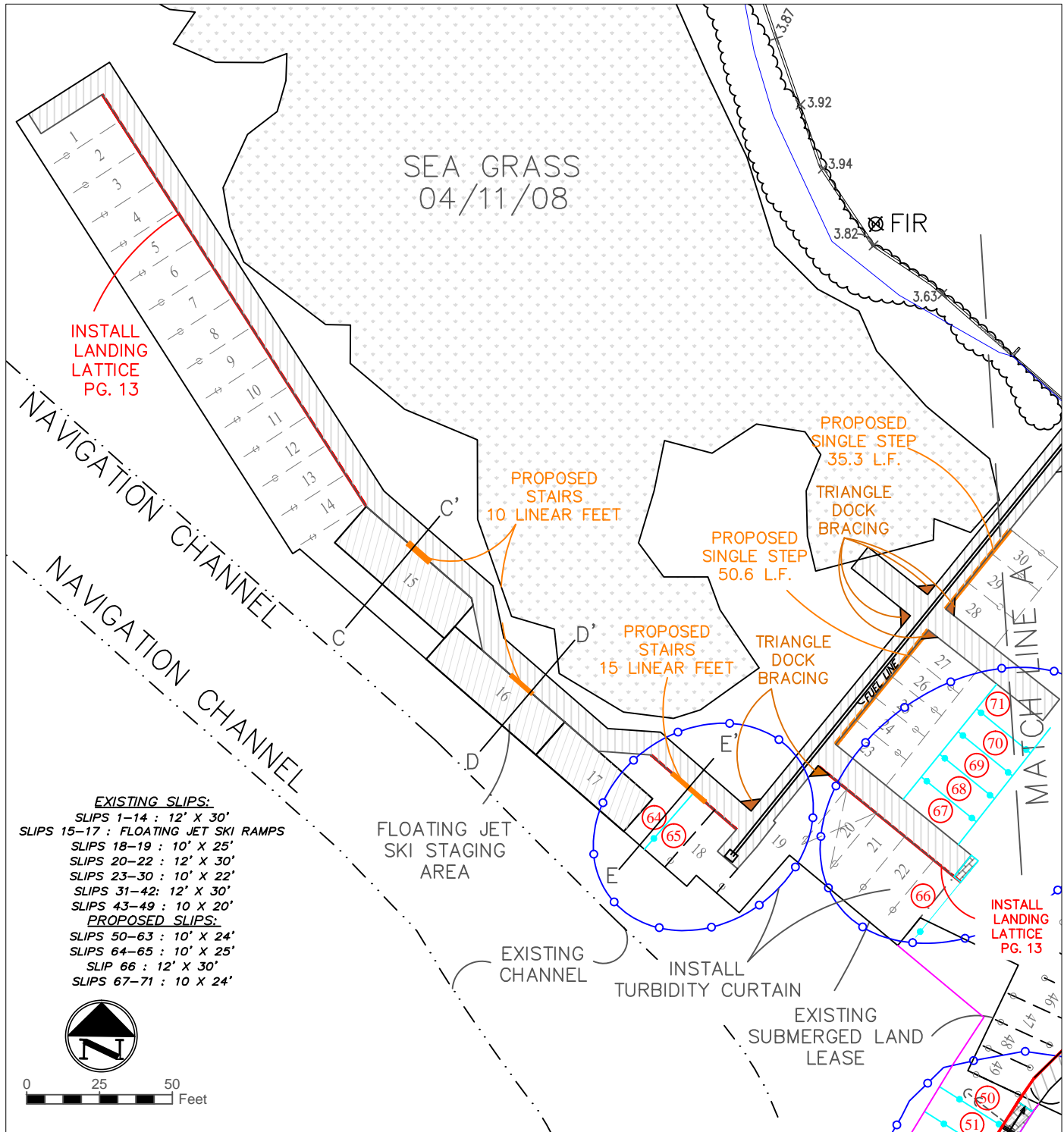
### SHEET NO.

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OF 15

JOB NO. 081116

# ADVENTURES AT SEA MARINA DOCK IMPROVEMENTS



- EXISTING SLIPS:**  
 SLIPS 1-14 : 12' X 30'  
 SLIPS 15-17 : FLOATING JET SKI RAMPS  
 SLIPS 18-19 : 10' X 25'  
 SLIPS 20-22 : 12' X 30'  
 SLIPS 23-30 : 10' X 22'  
 SLIPS 31-42 : 12' X 30'  
 SLIPS 43-49 : 10 X 20'
- PROPOSED SLIPS:**  
 SLIPS 50-63 : 10' X 24'  
 SLIPS 64-65 : 10' X 25'  
 SLIP 66 : 12' X 30'  
 SLIPS 67-71 : 10 X 24'



0 25 50 Feet

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WEST DOCK PLAN VIEW

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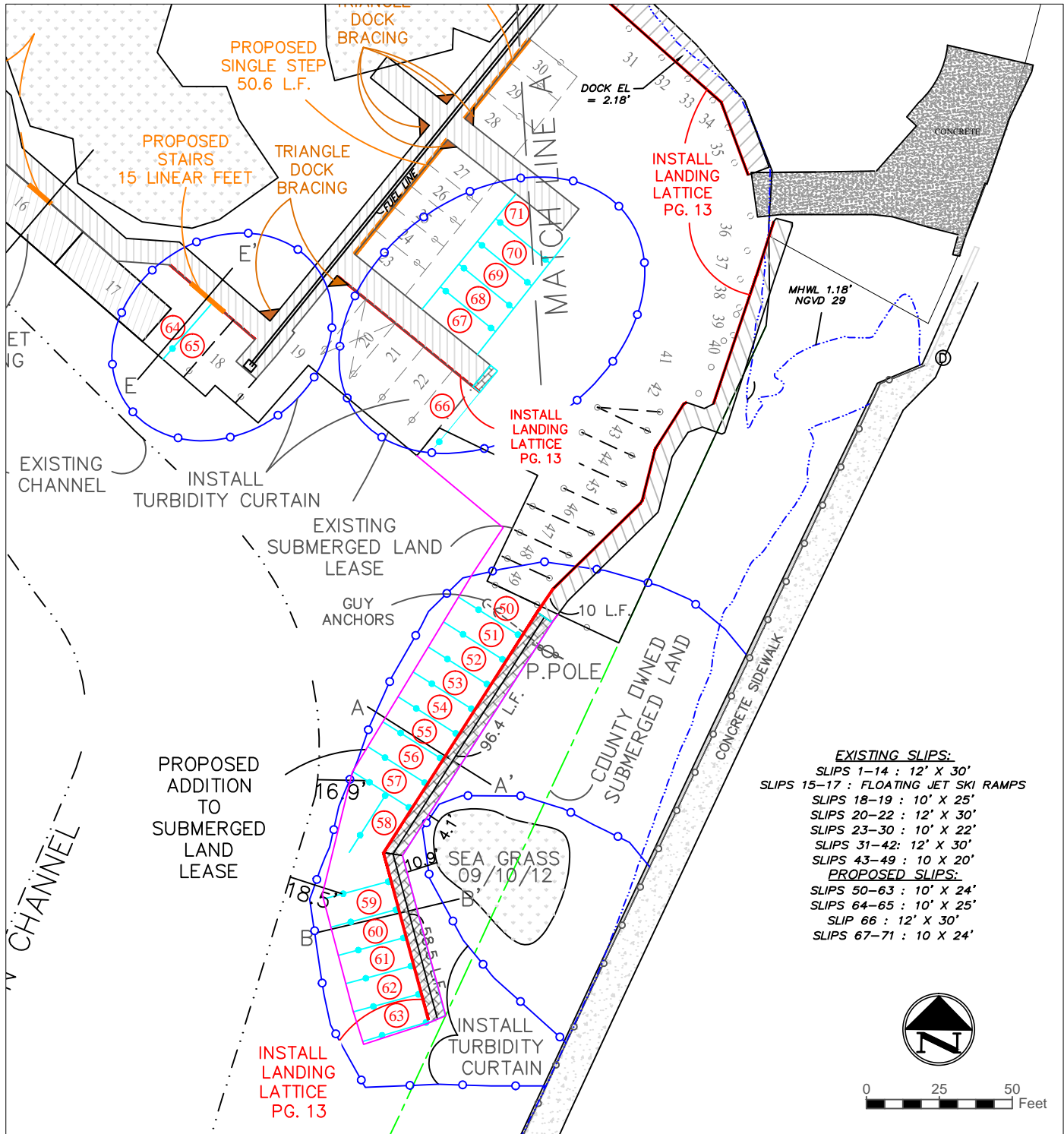
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SHEET NO.

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OF 15

JOB NO. 081116

# ADVENTURES AT SEA MARINA DOCK IMPROVEMENTS



- EXISTING SLIPS:**  
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 SLIPS 43-49 : 10 X 20'
- PROPOSED SLIPS:**  
 SLIPS 50-63 : 10' X 24'  
 SLIPS 64-65 : 10' X 25'  
 SLIP 66 : 12' X 30'  
 SLIPS 67-71 : 10 X 24'

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EAST DOCK PLAN VIEW

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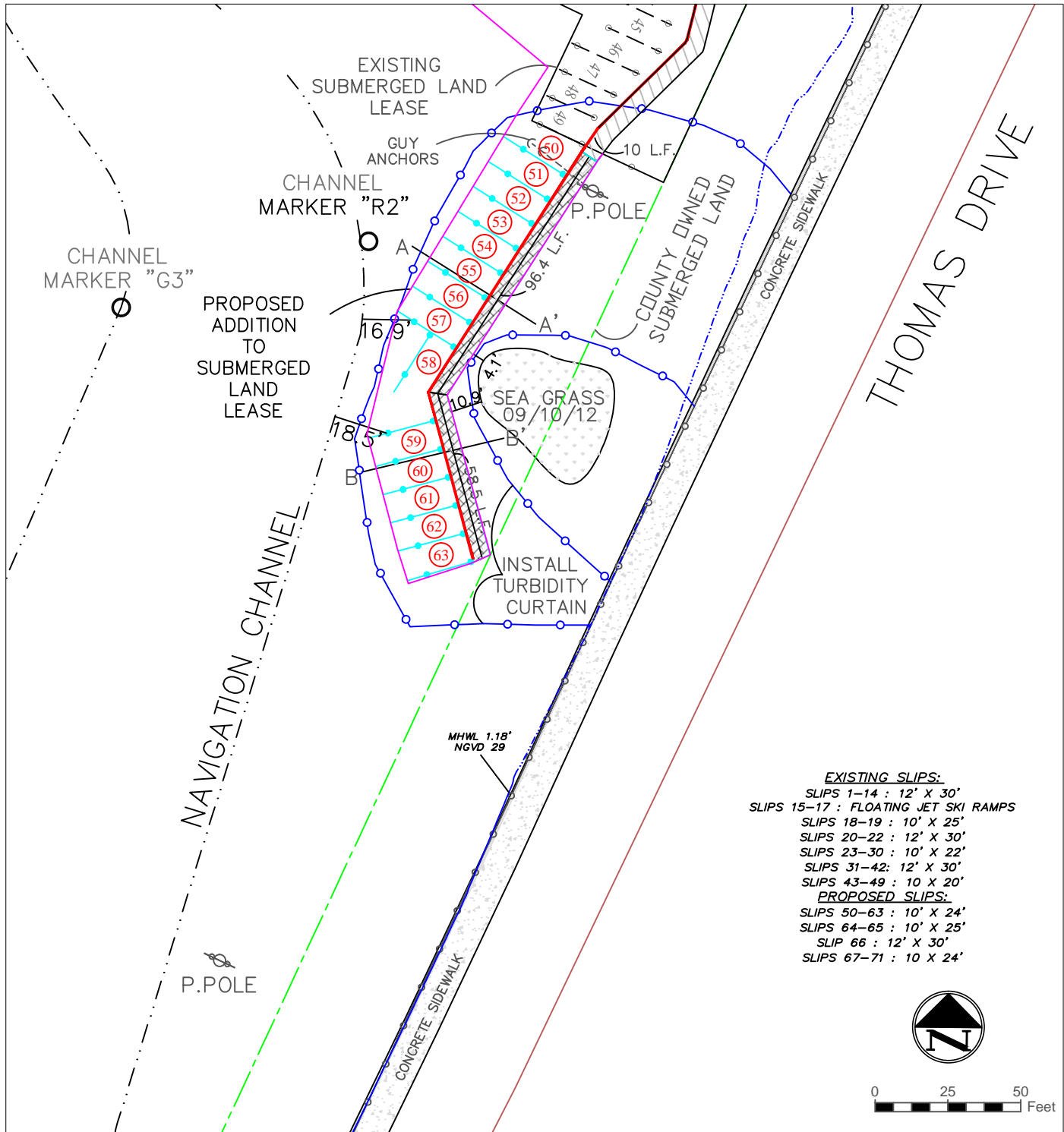
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OF 15

JOB NO. 081116

# ADVENTURES AT SEA MARINA DOCK IMPROVEMENTS



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PROPOSED DOCK IMPROVEMENTS

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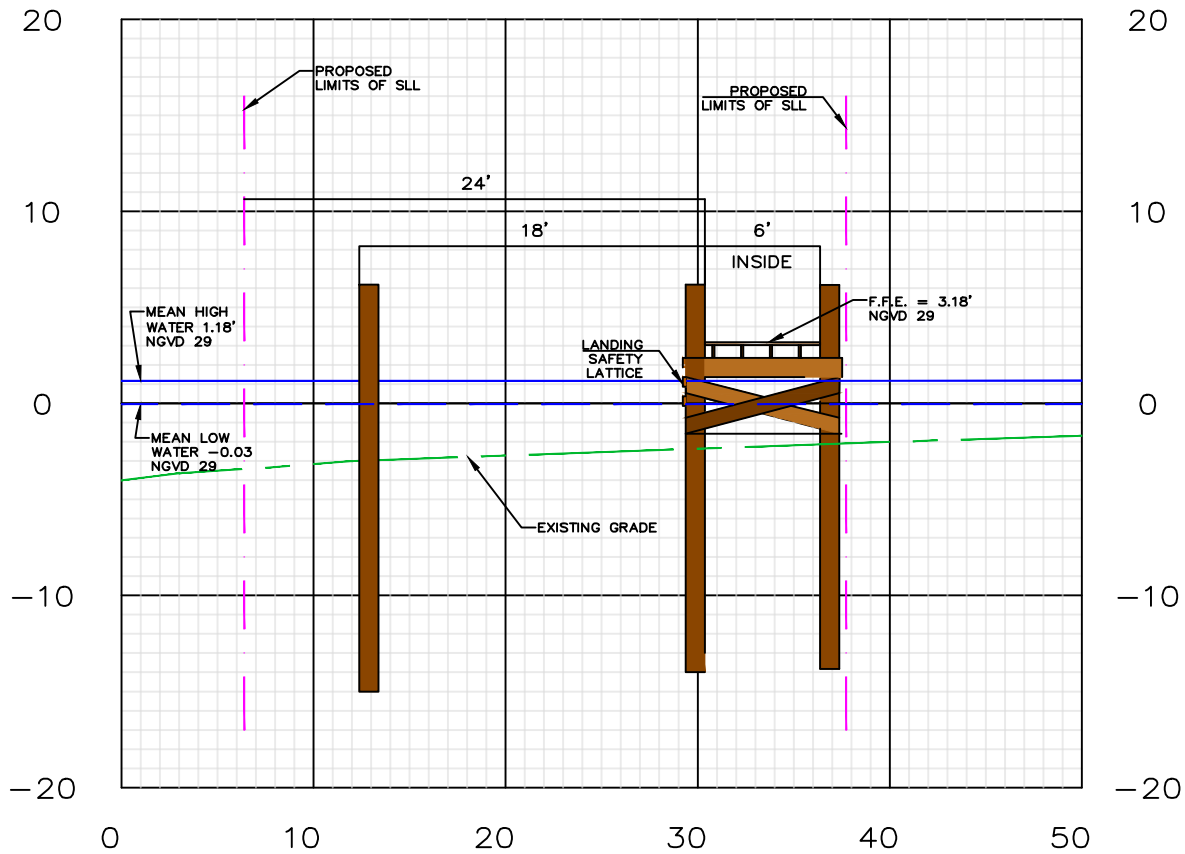
SHEET NO.

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OF 15

JOB NO. 081116

# ADVENTURES AT SEA MARINA DOCK IMPROVEMENTS

A — A'



VERTICAL SCALE 1"=10'  
HORIZONTAL SCALE 1"=10'

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SECTION A-A'

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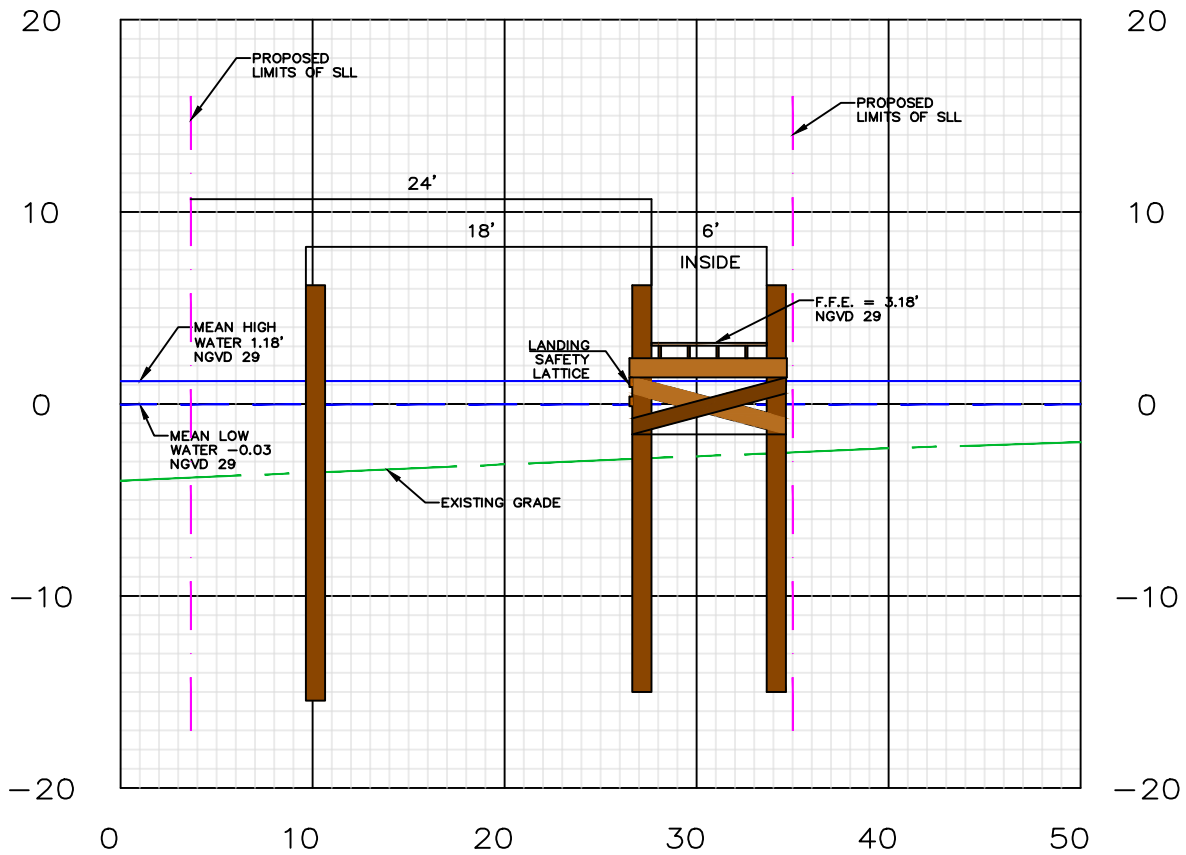
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# ADVENTURES AT SEA MARINA DOCK IMPROVEMENTS

## B - B'



VERTICAL SCALE 1"=10'  
HORIZONTAL SCALE 1"=10'

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SECTION B-B'

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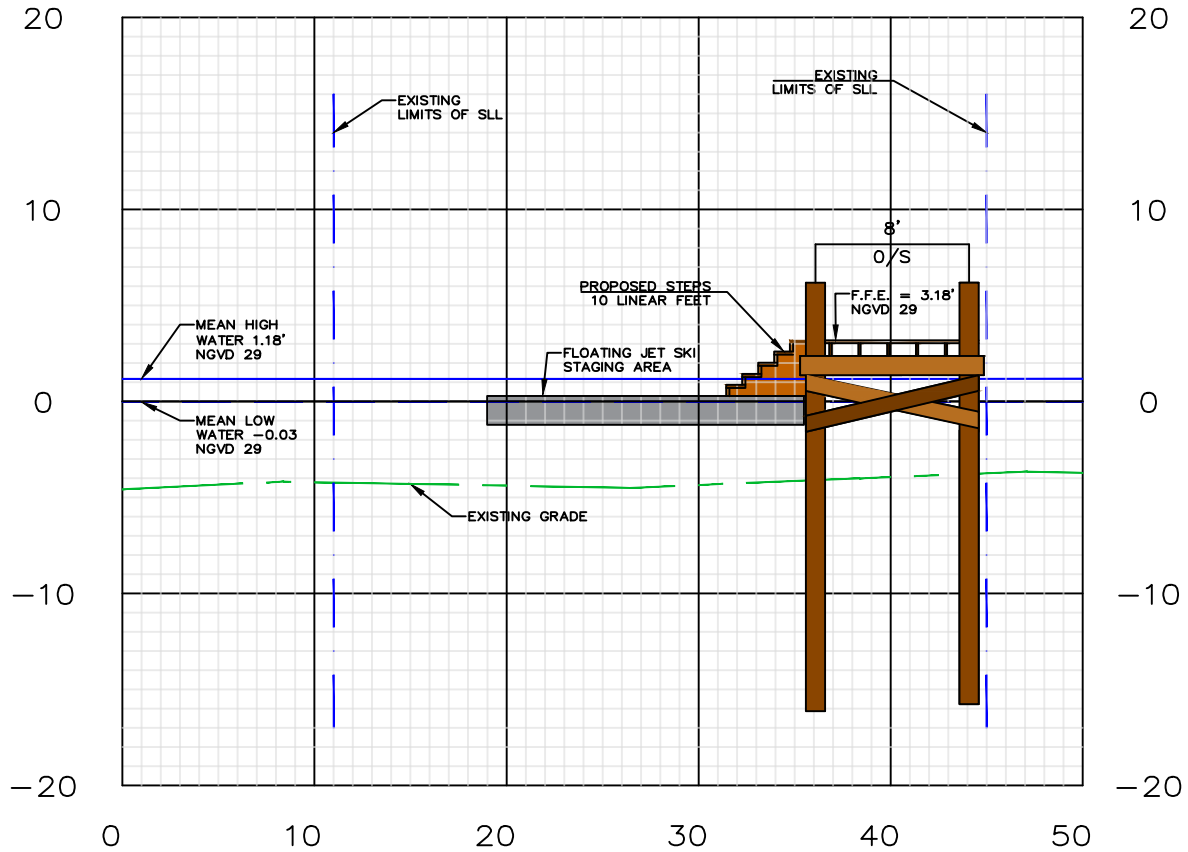
SHEET NO.

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OF 15

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# ADVENTURES AT SEA MARINA DOCK IMPROVEMENTS

C — C'



VERTICAL SCALE 1"=10'  
HORIZONTAL SCALE 1"=10'

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SECTION C-C'

DRAWN BY: J. TUCKER

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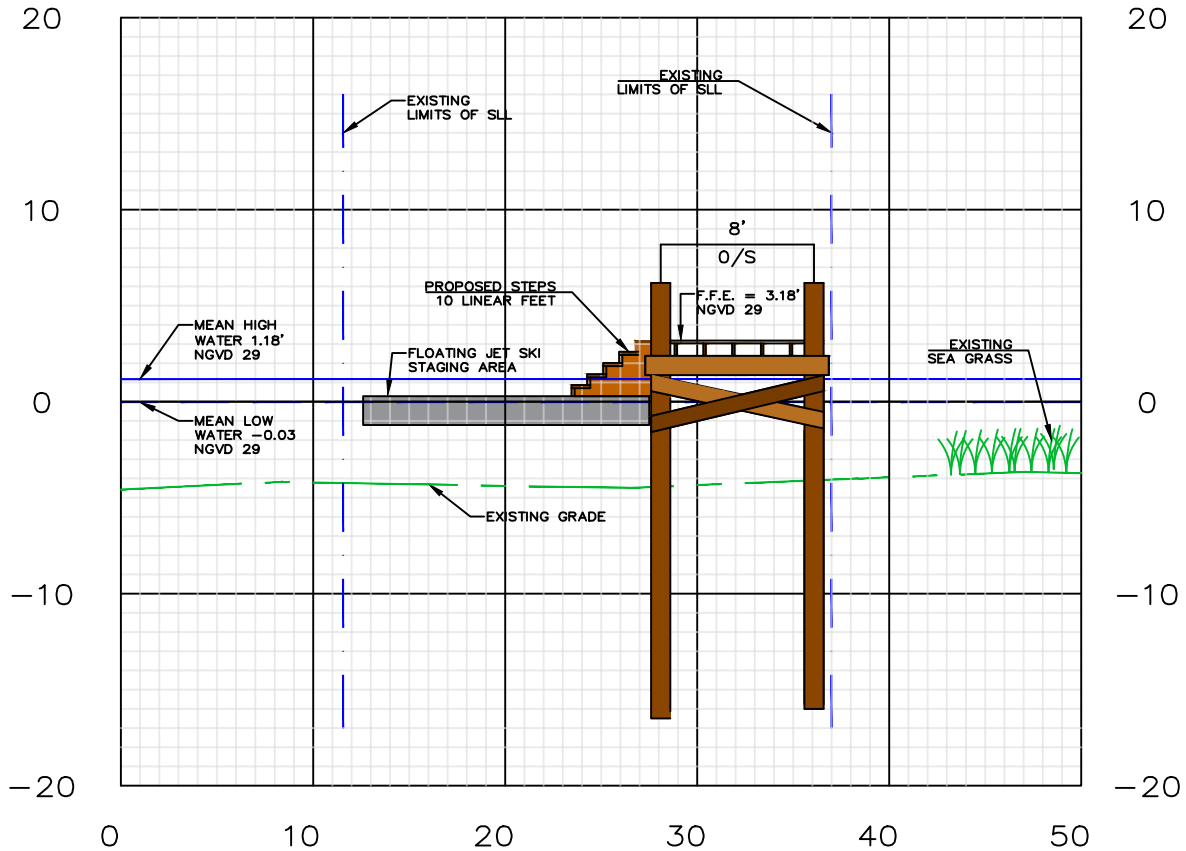
SHEET NO.

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OF 15

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# ADVENTURES AT SEA MARINA DOCK IMPROVEMENTS

D — D'



VERTICAL SCALE 1"=10'  
HORIZONTAL SCALE 1"=10'

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SECTION D-D'

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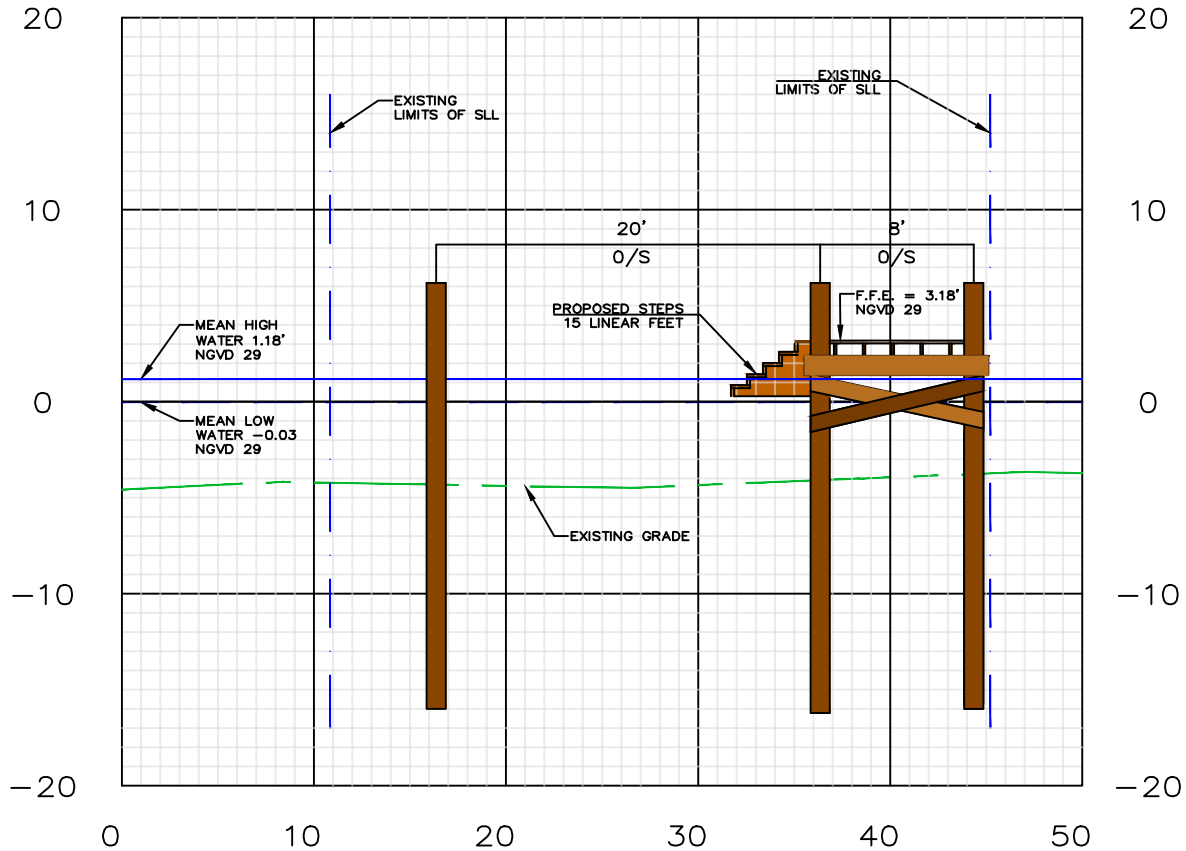
SHEET NO.

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OF 15

JOB NO. 081116

# ADVENTURES AT SEA MARINA DOCK IMPROVEMENTS

E — E'



VERTICAL SCALE 1"=10'  
HORIZONTAL SCALE 1"=10'

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SECTION E-E'  
 DRAWN BY: J. TUCKER  
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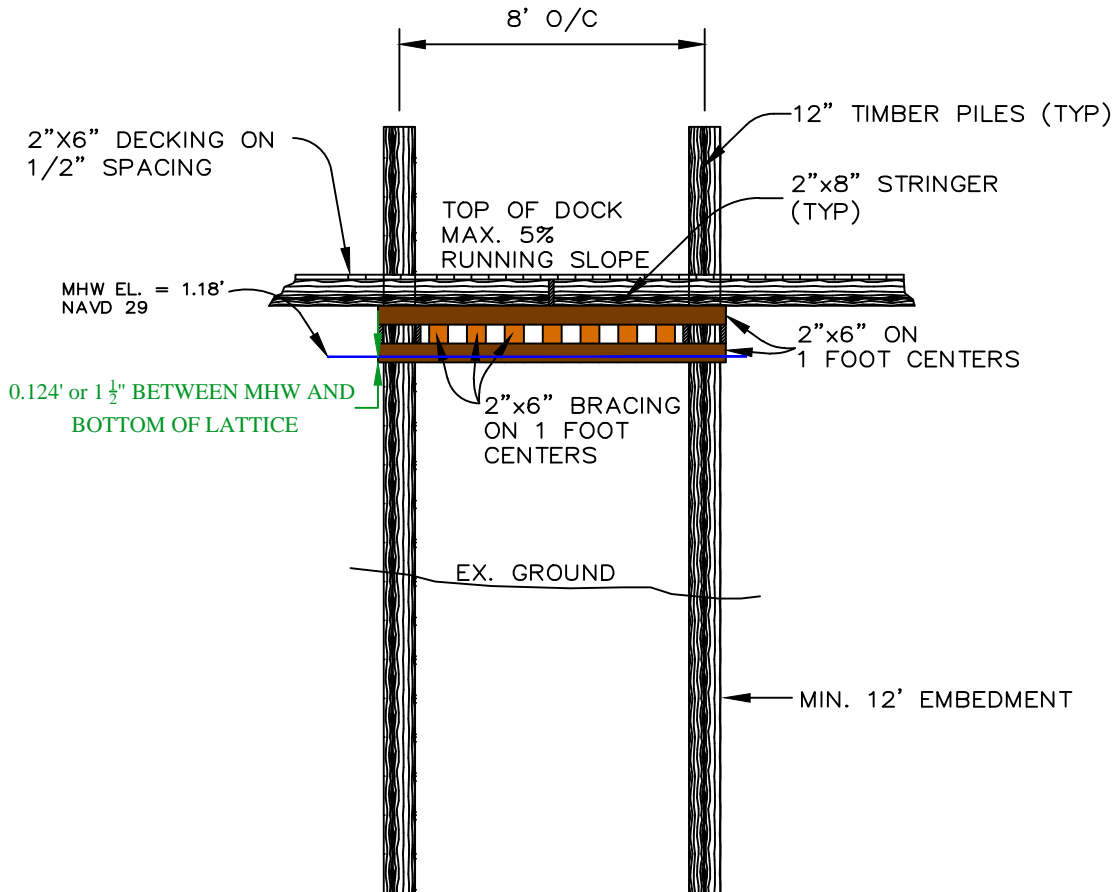
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# ADVENTURES AT SEA MARINA DOCK IMPROVEMENTS

## LANDING SAFETY LATTICE PROFILE



DRAWING — N.T.S.

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LANDING LATTICE DETAIL

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REVISED: APRIL 4, 2017

SHEET NO.

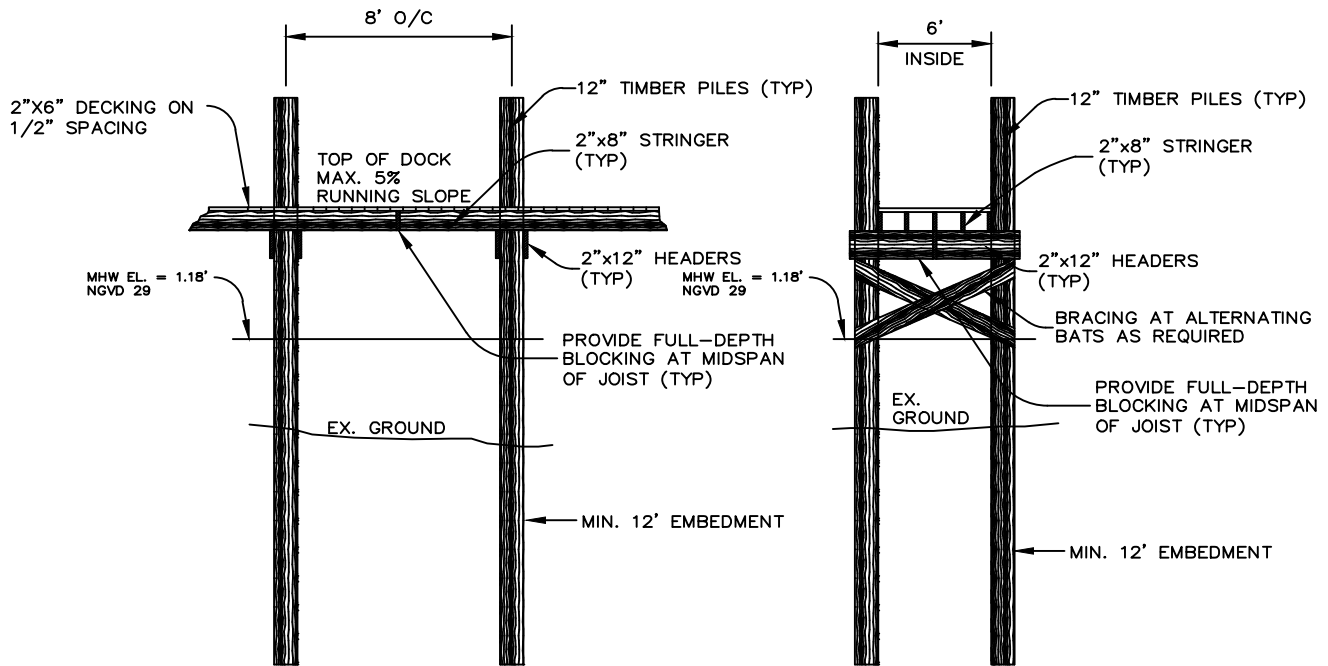
**13**  
OF 15

JOB NO. 081116

# ADVENTURES AT SEA MARINA DOCK IMPROVEMENTS

PROFILE

CROSS SECTION



DOCK PROFILE AND CROSS SECTION  
NOT TO SCALE


**PROJECT LOCATION:**

5711 NORTH LAGOON DRIVE  
PANAMA CITY BEACH, FLORIDA 32408

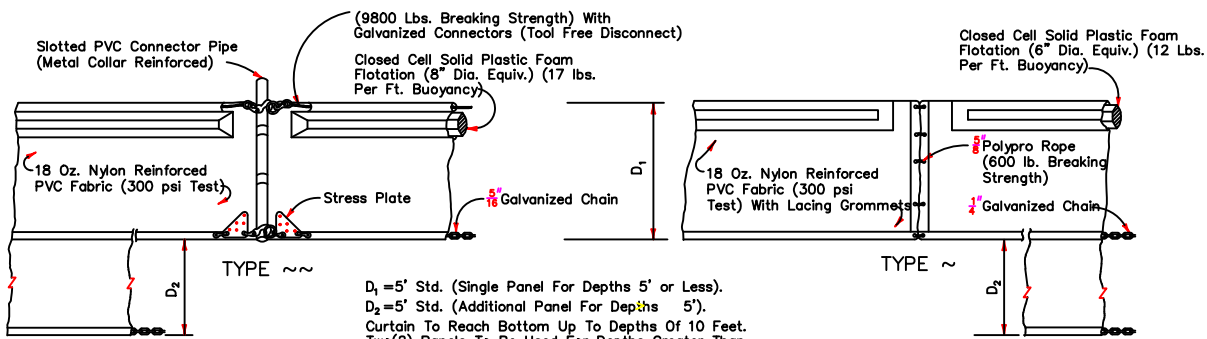
SECTION 09, TOWNSHIP 04, RANGE 15 WEST, IN GRAND LAGOON, BAY COUNTY, FLORIDA.  
OFFICIAL RECORDS BOOK 1389, PAGE 1831 OF THE PUBLIC RECORDS OF BAY COUNTY, REFERS TO PLAT  
BOOK 8, PAGE 27.

**PROJECT DESCRIPTION:**

THE PURPOSE OF THIS PROJECT IS TO INCREASE THE NUMBER OF BOAT SLIPS BY ADDING TO EXISTING DOCK STRUCTURE. SEE ABOVE DETAIL FOR STRUCTURE TYPICAL AND CROSS SECTION VIEW.

<p><b>Gulf Environmental Engineering, LLC</b> P.O. Box 28071 Panama City, FL 32411 (850) 527-7003 Cert. of Authorization No. Licensed Business # 29933</p>	 <b>Gulf Environmental Engineering, LLC</b>	DOCK DETAILS AND NOTES	SHEET NO.
		DRAWN BY: J. TUCKER	<span style="font-size: 2em; font-weight: bold;">14</span> OF 15
		CHECKED BY:	
		DATE: AUGUST 11, 2016	
		REVISED: APRIL 4, 2017	JOB NO. 081116

# ADVENTURES AT SEA MARINA DOCK IMPROVEMENTS

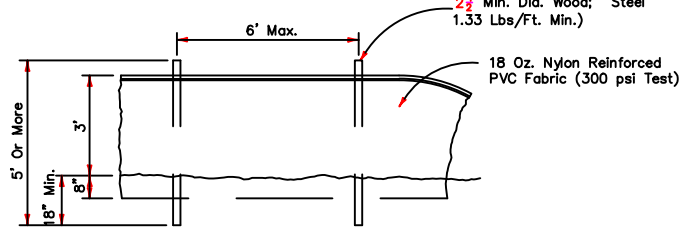


**LEGEND**

- Pile Locations
- ▨ Dredge Or Fill Area
- Mooring Buoy w/Anchor
- Anchor
- Barrier Movement Due To Current Action

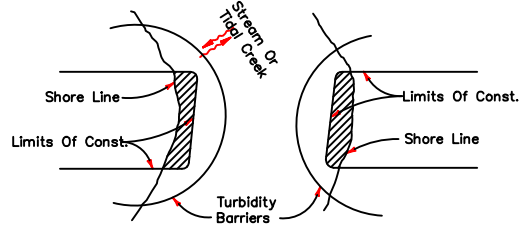
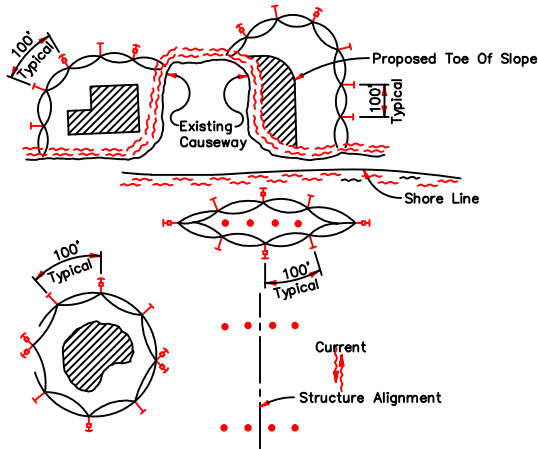
NOTICE: COMPONENTS OF TYPES ~ AND ~ MAY BE SIMILAR OR IDENTICAL TO PROPRIETARY DESIGNS. ANY INFRINGEMENT ON THE PROPRIETARY RIGHTS OF THE DESIGNER SHALL BE THE SOLE RESPONSIBILITY OF THE USER. SUBSTITUTIONS FOR TYPES ~ AND ~ SHALL BE AS APPROVED BY THE ENGINEER.

Post (Options: 2" x 4" Or 2 1/2 Min. Dia. Wood; Steel 1.33 Lbs/Ft. Min.)



STAKED TURBIDITY BARRIER

**FLOATING TURBIDITY BARRIERS**



Note: Turbidity barriers for flowing streams and tidal creeks may be either floating, or staked types or any combinations of types that will suit site conditions and meet erosion control and water quality requirements. The barrier type(s) will be at the Contractors option unless otherwise specified in the plans, however payment will be under the pay item(s) established in the plans for Floating Turbidity Barrier and/or Staked Turbidity Barrier. Posts in staked turbidity barriers to be installed in vertical position unless otherwise directed by the Engineer.

**NOTES:**

1. Turbidity barriers are to be used in all permanent bodies of water regardless of water depth.
2. Number and spacing of anchors dependent on current velocities.
3. Deployment of barrier around pile locations may vary to accommodate construction operations.
4. Navigation may require segmenting barrier during construction operations.
5. For additional information see Section 104 of the Standard Specifications.

**TURBIDITY BARRIER DETAIL**

NOT TO SCALE

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EROSION CONTROL DETAILS

SHEET NO.

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OF 15

JOB NO. 081116