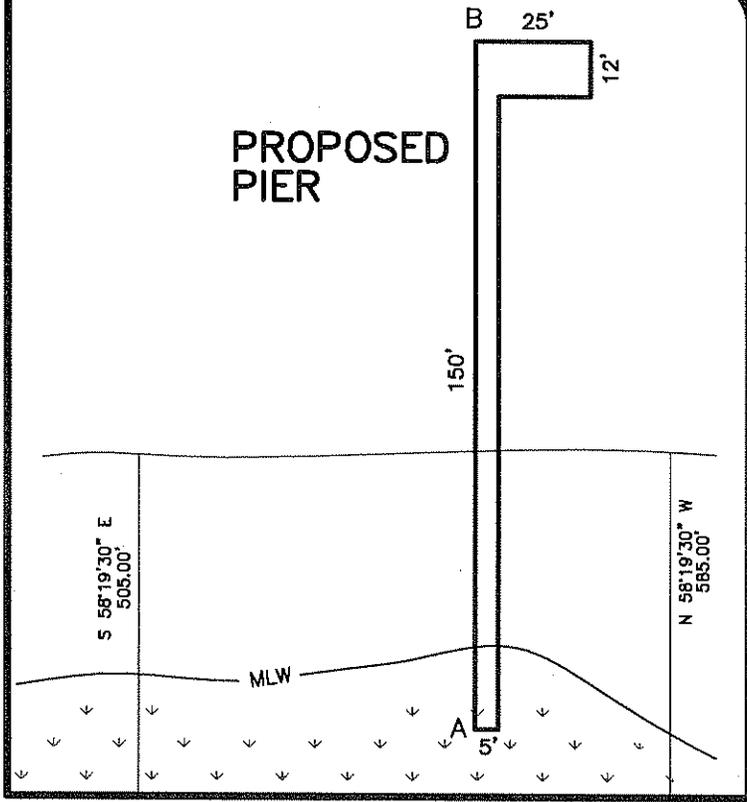
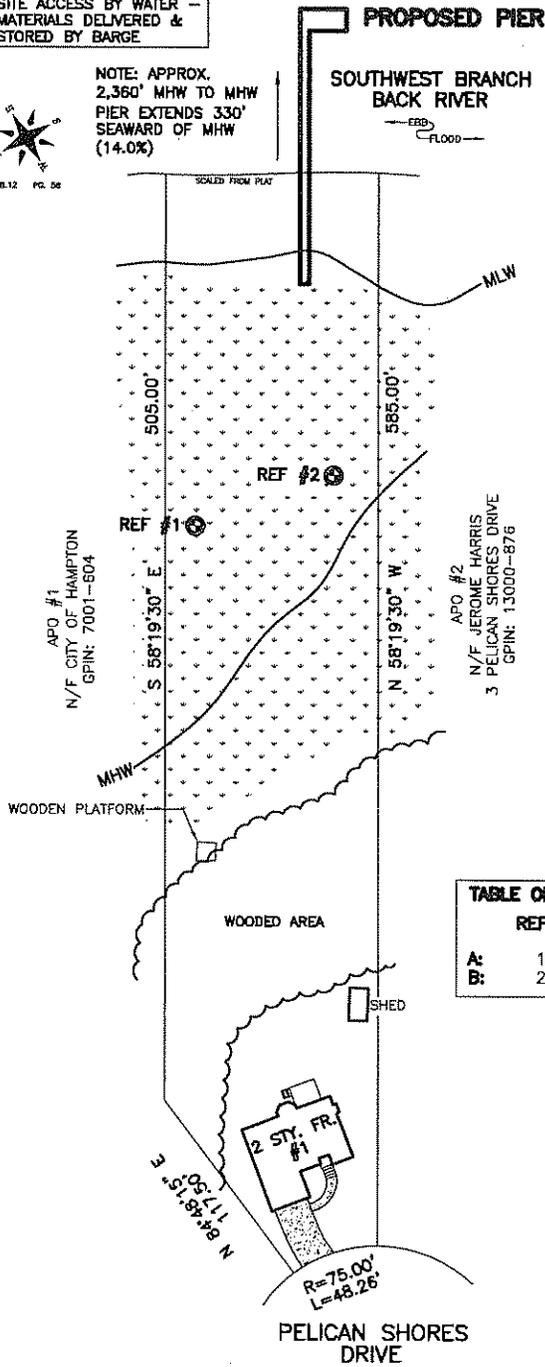


SITE ACCESS BY WATER —
MATERIALS DELIVERED &
STORED BY BARGE



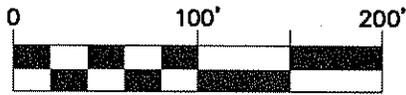
P.B.12 PG. 06

NOTE: APPROX.
2,360' MHW TO MHW
PIER EXTENDS 330'
SEAWARD OF MHW
(14.0%)



DETAIL VIEW SCALE: 1"=40'

TABLE OF CONTROLS		
	REF 1	REF 2
A:	144'	106'
B:	288'	255'

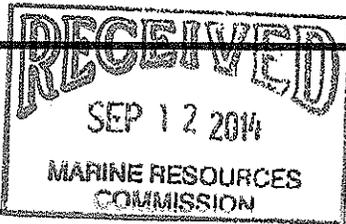


ENGINEERING SERVICES PROVIDED BY:
PROFESSIONAL CONSTRUCTION CONSULTANTS, LLC.
PHONE: (757) 773-8084 EMAIL: RICK@PCC-LLC.COM

- APO'S:
- CITY OF HAMPTON
 - JEROME HARRIS

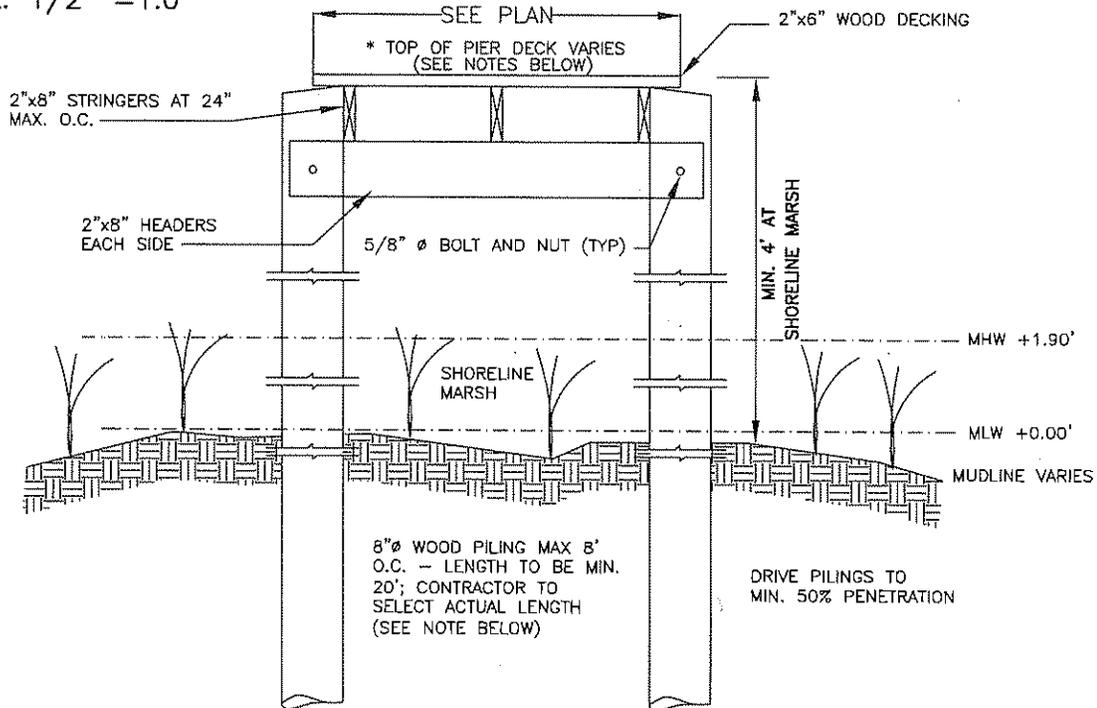
PROJECT LOCATION: S.W. BR. BACK RIVER
FOR: TODD LIED
1 PELICAN SHORES DRIVE
HAMPTON, VA 23666

PROPOSED PIER
PURPOSE: RECREATIONAL ACCESS
DATUM: MLW 0.00
DATE 9/9/2014 SHEET 1 OF 4



**PROPOSED PIER
CROSS SECTION**

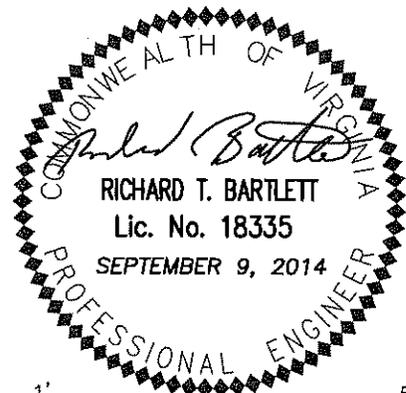
SCALE: 1/2" = 1.0'



NOTES:

1. ALL TIMBER MATERIAL FOR USE IN THIS MARINE ENVIRONMENT SHALL BE PRESERVATIVE TREATED I.A.W. THE AWPA.
2. ALL HARDWARE SHALL BE GALVANIZED I.A.W. ASTM A-153.
3. * ELEVATION OF PIER DECK MUST ALLOW FOR 4' VERTICAL CLEARANCE ABOVE MUDLINE AT SHORELINE MARSH. PROVIDE RAMP OR STEPS TO GRADE. ELEVATION OF PIER DECK OVER WATER TO BE +5.0.

DRAWINGS ARE FOR PERMIT PURPOSES ONLY, AND DO NOT CONSTITUTE FULL DESIGN DRAWINGS. NO HYDROGRAPHIC SURVEYS OR SOIL BORINGS HAVE BEEN TAKEN TO DETERMINE DEPTH OF WATER AND SUBSURFACE SOIL CONDITIONS (FOR PILE LENGTH DETERMINATION). PIER LAYOUT IS BASED ON VISUAL ON-SITE INSPECTION. ABNORMAL SITE CONDITIONS NOT READILY APPARENT HAVE NOT BEEN TAKEN INTO ACCOUNT, AND MAY REQUIRE MODIFICATIONS TO THE MINIMUM PILE LENGTHS SHOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY DEPTH OF WATER AND SUBSURFACE CONDITIONS AND TO SELECT PILE LENGTHS ADEQUATE FOR THE STRUCTURE.



1/2" = 1'

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APO'S:

1. CITY OF HAMPTON
2. JEROME HARRIS

PROJECT LOCATION: S.W. BR. BACK RIVER

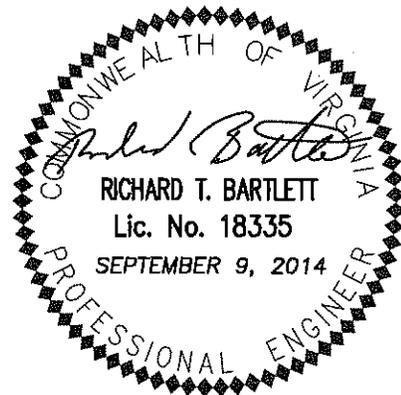
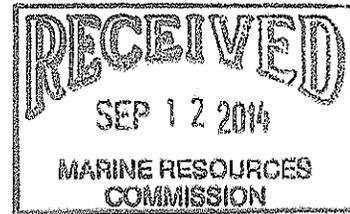
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DATUM: MLW 0.00
DATE 9/9/2014

SEQUENCE OF EVENTS

1. MOBILIZE EQUIPMENT TO SITE (1 DAY).
2. LAY OUT ALIGNMENT OF PIER (1 DAY).
3. CONSTRUCT PIER (20 DAYS).
4. DEMOBILIZE EQUIPMENT FROM SITE WHILE ADDING TOP SOIL AND SEED TO ANY UPLAND AREAS DENUDED/DAMAGED BY CONSTRUCTION OPERATIONS (1 DAY).



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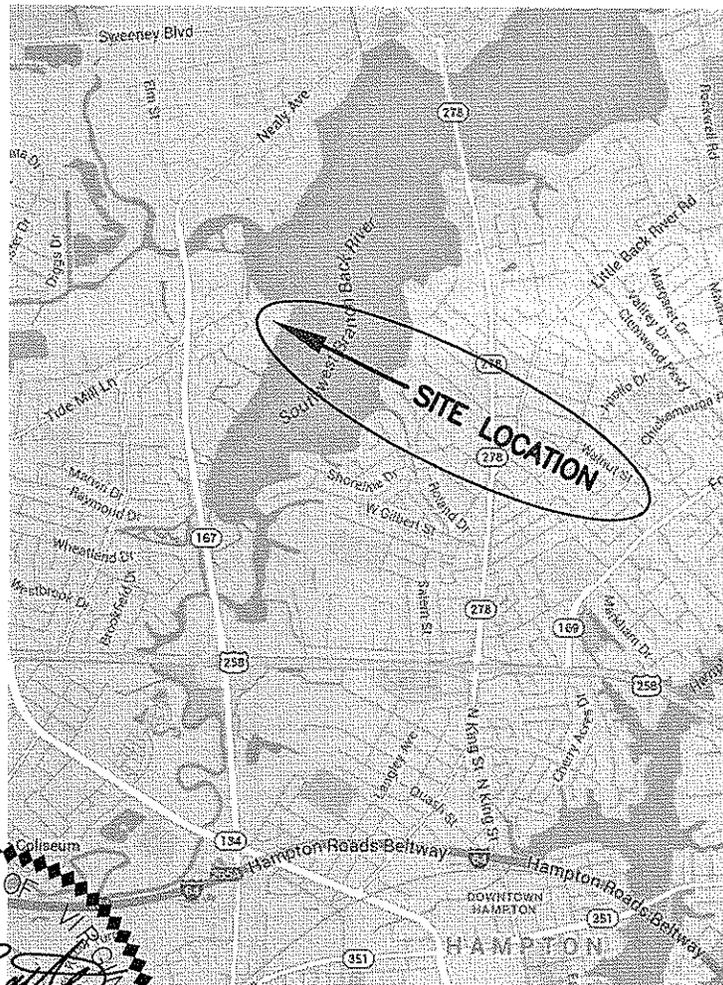
PROPOSED PIER

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DATE 9/9/2014

SHEET 3 OF 4

RECEIVED
 SEP 12 2014
 MARINE RESOURCES
 COMMISSION

VICINITY MAP



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COMMONWEALTH OF VIRGINIA
Richard T. Bartlett
 RICHARD T. BARTLETT
 Lic. No. 18335
 SEPTEMBER 9, 2014
 PROFESSIONAL ENGINEER

ENGINEERING SERVICES PROVIDED BY:
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SHEET 4 OF 4