



VIRGINIA SALTWATER RECREATIONAL FISHING DEVELOPMENT FUND

SUMMARY PROJECT APPLICATION

Please complete all fields. This page should be used as a coversheet for a detailed application.

NAME AND ADDRESS OF APPLICANT:
Department of Game and Inland Fisheries

PROJECT LEADER (name, phone, email):
Phillip Lownes, Director of Capital Programs
(804) 367-1253
phil.lownes@dgif.virginia.gov

DESCRIPTIVE TITLE OF EVENT:
Town Point Boat Landing Renovation and
Expansion

PROJECT LOCATION:
Matthews County
From Mathews, Rt. 14 South (3.8); R on Rt.
615 (.6)

BRIEF PROJECT SUMMARY: (include a detailed description of activity as an attachment)

The Department of Game and Inland Fisheries (DGIF) is seeking funding to renovate Town Point Boat Landing. This project includes replacement of the existing courtesy pier bulkheads, shoreline stabilization, and adding a non-power boat ramp for kayaks and canoes.

EXPECTED BENEFITS: (Describe how your project directly benefits the average Virginia recreational angler)

The renovation of the Town Point Boat Landing will not only benefit Middle Peninsula residents, but all Virginians who enjoy saltwater fishing. This landing will continue to contribute to the area's water-based tourism and therefore support the local economy. Finally, it will fulfill Virginia Outdoor Plan and Department of Game and Inland Fisheries goals by providing recreational opportunities such as boating, fishing and enjoying wildlife.

SUMMARY COSTS: (Please attach a detailed budget including all sources of recipient funding)

SUMMARY COSTS

Requested VMRC Funding:	\$ 75,000
Recipient Funding:	\$ 225,000
Total Costs:	\$ 300,000

I. Need

At Town Point Landing, the courtesy pier and bulkhead materials have eroded from salt and weather exposure. The decking on the courtesy pier and bulkhead needs to be replaced and the shoreline needs to be stabilized to prevent further erosion. A hand launch for kayaks and canoes will be added to the site. Renovating and enhancing the Town Point Landing will align with Department of Game and Inland Fisheries' (DGIF) mission to provide opportunities for Virginians to enjoy outdoor recreation such as boating, fishing, and viewing wildlife.

II. Objective

The primary objective is to obtain funding for the renovation construction of Town Point Landing. Construction includes replacement of the courtesy pier decking and 265 linear feet (lf) of bulkhead at an existing VDGIF single-ramp public boat launch on the east side of Put In Creek/East River, and the installation of a hand launch for kayaks and canoes at the site.

- July 2015 – Receive notice of award from VMRC and bid for construction
- August 2015 – Complete contract paperwork
- Fall 2015 (after Labor Day) – Construction for 90 Days (must be out of water by February 1st for anadromous fish spawning)

III. Expected Results or Benefits

Town Point Landing is on the East River and provides boat access to the East River, Mobjack Bay and the Chesapeake Bay. This area provides excellent recreational opportunities for various saltwater species. According to the 2013 Virginia Outdoors Plan, \$7 million was generated in 2011 from domestic travel to the region partially due to the water-based assets and historic sites drawing tourists to the area (10.220). The plan also shows that “public access to state waters for fishing, swimming and beach use” as the “most needed outdoor recreation” for this region, therefore, this renovation will continue and increase access to fishing (Virginia Outdoors Plan, 2013, 10.217). A hand launch for kayaks and canoes will be added to Town Point Landing which will help fulfill the need for “public access to state waters for non-motorized boating” which also ranked high for this region (Virginia Outdoors Plan, 2013, 10.217).

The amount of saltwater licenses (Resident Individual Saltwater Fishing, Resident 10-Day Saltwater Fishing, Resident Saltwater Boat Sport Fishing, and the following Saltwater Recreational Use Licenses: Fish Dip Net, Five Crab Pots, Crab Trotline, 300 Ft Gill Net, and Two Eel Pots) that were sold in Town Point Landing's surrounding counties for 2014 was 29,886 and the revenue that was earned totaled \$743,657 (see Table 1). For all Virginia residents, including those in the surrounding counties, 67,900 saltwater licenses were sold for a total of \$1.7 million in revenue (see Table 2). The percentage of licenses from the surrounding counties is 44%, therefore, 56% of saltwater licenses are purchased by Virginia residents outside of the surrounding area. These customers, therefore, are most likely visitors to the area and help to support the local economies. In 2014, 20,666 saltwater licenses (Non-Resident Individual Saltwater Fishing, Non-Resident 10-Day Saltwater Fishing, Non-Resident Saltwater Boat Sport Fishing) were purchased by Non-Virginia Residents, therefore a large portion of the revenue \$283,698 is from outside of the state which supports our state's economy (see Table 3). This information comes from DGIF's license sales database.

Table 1. Surrounding Counties' Revenue for Saltwater Fishing Licenses			
Fiscal Year	Customer County	Revenue	Sold Number*
2014	Essex County	\$13,051.50	447
	Gloucester County	\$58,597.00	2,055
	James City County	\$32,566.50	1,295
	King & Queen County	\$7,473.00	267
	King William County	\$18,301.50	593
	Mathews County	\$25,847.50	808
	Middlesex County	\$34,178.00	999
	York County	\$44,038.50	1,534
	City of Chesapeake	\$89,133.00	3,634
	City of Hampton	\$77,663.00	3,415
	City of Norfolk	\$79,751.50	3,640
	City of Portsmouth	\$36,562.50	1,631
	City of Virginia Beach	\$226,267.50	9,558
	City of Williamsburg	\$226.00	10
Total		\$743,657.00	29,886

Table 2. Virginia Revenue for Saltwater Fishing Licenses			
Fiscal Year	Customer County	Revenue	Sold Number*
2014	All Virginia Residents	\$1,707,487.00	67,900

*The following licenses are included in the total: Resident Individual Saltwater Fishing, Resident 10-Day Saltwater Fishing, Resident Saltwater Boat Sport Fishing, and the following Saltwater Recreational Use Licenses: Fish Dip Net, Five Crab Pots, Crab Trotline, 300 Ft Gill Net, and Two Eel Pots

Table 3. Non-Virginia Residents Revenue for Saltwater Fishing Licenses			
Fiscal Year	Non-Virginia Residents	Revenue	Sold Number**
2014	\$283,698.00	\$283,698.00	20,666

**Total for Non-Virginia Residents for the following licenses: Non-Resident Individual Saltwater Fishing, Non-Resident 10-Day Saltwater Fishing, Non-Resident Saltwater Boat Sport Fishing

IV. Approach

The requested funding will supplement the construction costs of the Town Point Landing Renovation and Expansion. DGIF began working on the design, riparian zone investigations and VMRC permitting in Fall 2014. Hurt & Proffitt (H&P), a land surveying and civil engineering company, were selected to prepare the construction documents, prepare the environmental permit applications to VMRC issued by the US Army Corp of Engineers, and they will assist DGIF with the bidding phase which is anticipated to be bid this summer dependent on grant funding.

Signage that will give appropriate credit to Virginia Saltwater Recreational Development Fund will be included in the project.

Project Schedule:

- Fall 2014 – Design and riparian zone investigations completed
- Spring 2015 – Design completed and Joint Permit Application with Virginia Department of Environmental Quality and Virginia Marine Resources Commission and the USACE submitted
- July 2015 – Receive notice of award from VMRC and bid for construction
- August 2015 – Complete contract paperwork
- Fall 2015 (after Labor Day) – Construction for 90 Days (must be out of water by February 1st for anadromous fish spawning)

V. Location

The site of Town Point Landing DGIF-owned property is in Matthews County. It is on the East River at the end of Town Point Landing Rd (Rt. 615). This property is on lease from the Virginia Department of Transportation until 2041.

VI. Estimated Costs

Construction costs are based on site plan designs completed by Hurt & Proffitt.

Demolition	\$18,220
Concrete Pavement	\$20,500
Site Improvements	\$15,000
Drainage and Erosion & Settlement	\$15,000
Bulkhead and Wave Screen	\$42,800
Piling	\$64,480
<u>Pier and Vinyl Sheet Piles</u>	<u>\$124,000</u>
Total cost	\$300,000

Requesting from VMRC: \$75,000

DGIF Matching Funds: \$225,000

Person authorized to obligate applicant to the proposed project and confirm the applicant's financial commitment	
Signature <i>Phillip Lowmes</i>	Director of Capital Programs
Date <i>June 12, 2015</i>	



 <p>HURT & PROFFITT INCORPORATE</p> <p>2524 LANGHORNE ROAD LYNCHBURG, VA 24501 800.242.4906 TOLL FREE 434.847.7796 MAIN 434.847.0047 FAX WWW.HANDP.COM</p>	<p align="center">VDGIF Town Point Pier/Bulkhead Replacement Project Mathews County, Virginia</p> <p align="center"><i>Source: VDEQ online VEGIS system (2015), NTS</i></p>	<p align="center">Location Map (Regional)</p>	<p align="center">Figure 1</p>
--	--	---	---



 <p>HURT & PROFFITT INCORPORATE</p> <p>2524 LANGHORNE ROAD LYNCHBURG, VA 24501 800.242.4906 TOLL FREE 434.847.7796 MAIN 434.847.0047 FAX WWW.HANDP.COM</p>	<p>VDGIF Town Point Pier/Bulkhead Replacement Project Mathews County, Virginia</p> <p><i>Source: VDEQ VEGIS system (2015) and USGS, NTS</i></p>	<p>Aerial Photograph</p>	<p>Figure 3</p>
--	--	------------------------------	----------------------------



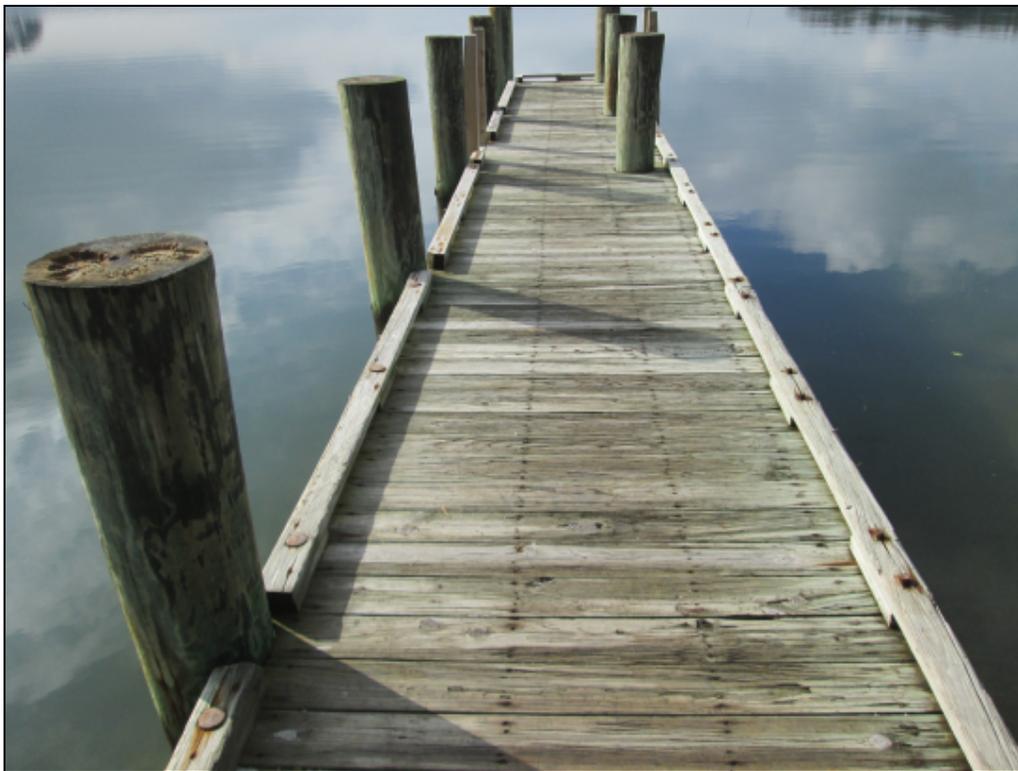
Photograph 1 – VDGIF Town Point single ramp boat launch (view SW)



Photograph 2 – Existing southeastern bulkhead (view NE)



Photograph 3 – Existing boat ramp, pier, and bulkheads (view N)



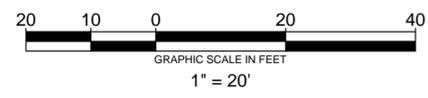
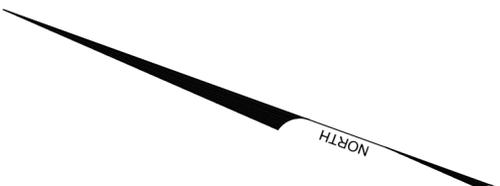
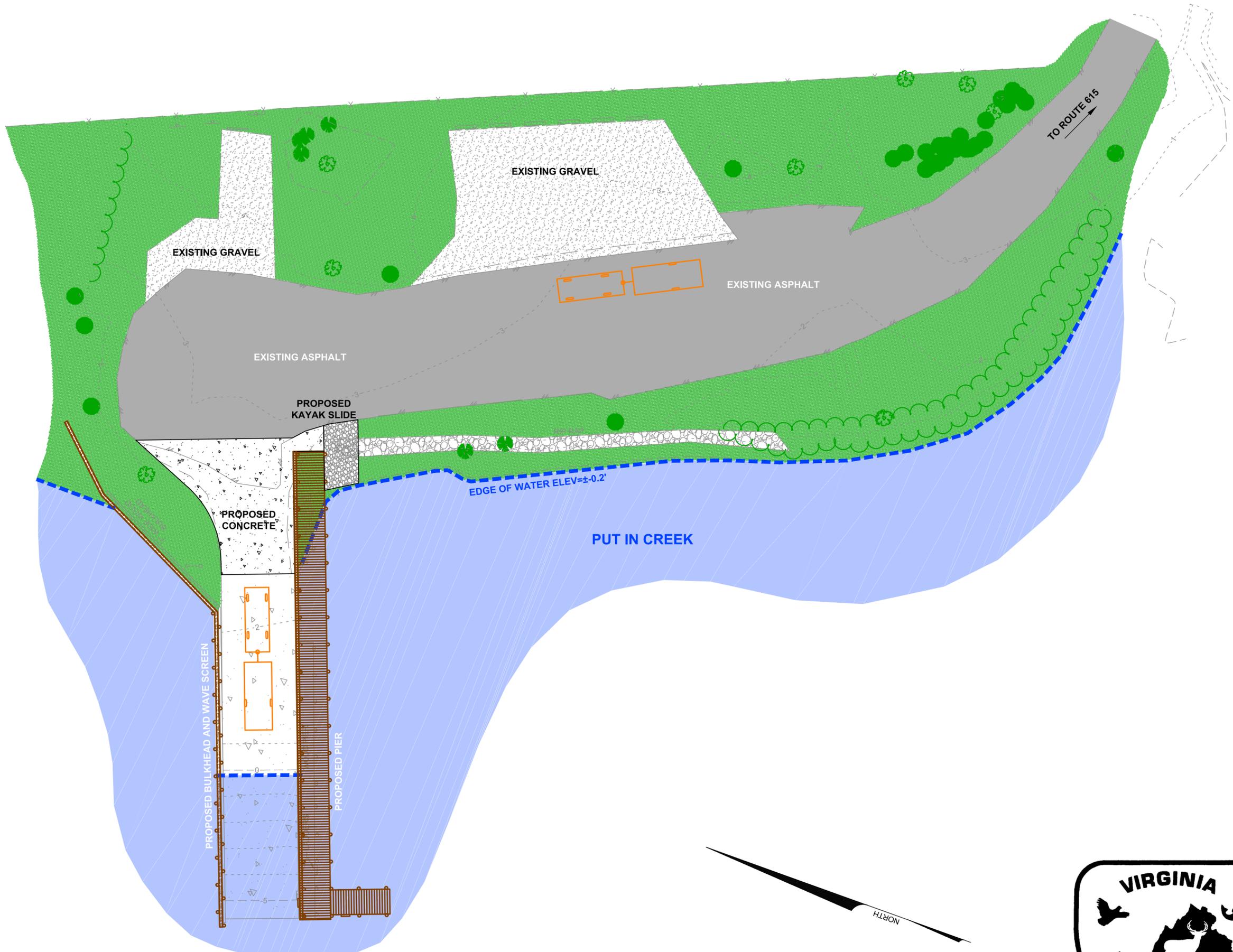
Photograph 4 – Existing pier (view SW)



Photograph 5 – Existing northwestern bulkhead (view N)



Photograph 6 – Put In Creek (view SW)



ENGINEERING >> SURVEYING >> PLANNING
HURT & PROFFITT
 INCORPORATED
 2524 LANGHORNE ROAD
 LYNCHBURG, VA 24501
 800.242.6906 TOLL FREE
 434.847.7796 MAIN
 434.847.0047 FAX

CONCEPTUAL SITE PLAN
TOWN POINT BOAT LANDING SITE IMPROVEMENTS
VIRGINIA DEPARTMENT OF GAME AND INLAND FISHERIES
MATHEWS COUNTY, VIRGINIA

PROJECT NO. 20150041
 DATE: 5/11/2015
 DRAWN BY: ASK
 CHECKED BY: ASK

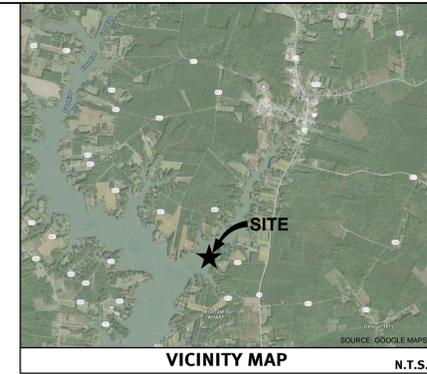
HURT & PROFFITT

SHEET NO.
1 OF 1

TOWN POINT BOAT LANDING SITE IMPROVEMENTS

VIRGINIA DEPARTMENT OF GAME AND INLAND FISHERIES

MATHEWS COUNTY, VIRGINIA
PROJECT CODE #403-18106-CO-0979



* ENGINEERING >>> SURVEYING >>> PLANNING
HURT & PROFFITT
 INCORPORATED
 2524 LANGHORNE ROAD
 LYNCHBURG VA 24501
 800.242.4906 TOLL FREE
 434.847.7796 MAIN
 434.847.0047 FAX

- GENERAL NOTES:**
- OWNER: DEPARTMENT OF GAME AND INLAND FISHERIES (DGIF)
 - CONTACT: ALLESTER WATTS, DGIF PROJECT MANAGER
7870 VILLA PARK DR, SUITE 400
HENRICO, VA 23233-6510
PHONE: (804) 367-0621
 - THE SCOPE OF WORK FOR THIS PROJECT SHALL INCLUDE THE CONSTRUCTION OF A NEW PIER AND BULKHEAD, AND PAVING AND DRAINAGE IMPROVEMENTS ON THE EXISTING PARKING AREA AND BOAT RAMP.
 - ALL WORK SHALL BE SUBJECT TO INSPECTION BY STATE AND VA DGIF OFFICIALS AND THE OWNER'S DESIGNATED REPRESENTATIVE.
 - CONTRACTOR MUST CONTACT MISS UTILITY AT 811 PRIOR TO CONSTRUCTION.
 - ALL DISTURBED AREAS SHALL RECEIVE PERMANENT SEEDING AND MULCH.
 - ALL TEMPORARY EROSION CONTROL MEASURES MUST BE REMOVED WITHIN 30 DAYS OF PERMANENT STABILIZATION OF THE SITE.
 - ALL CONSTRUCTION STAGING, LOADING, TEMPORARY PARKING, AND LAYDOWN AREAS SHALL BE COORDINATED WITH DGIF PRIOR TO ANY CONSTRUCTION OR DEMOLITION ACTIVITIES.
 - CONTRACTOR IS RESPONSIBLE FOR PROVIDING ADEQUATE DUST CONTROL TO PREVENT DAMAGING AND/OR NUISANCE AIRBORNE DUST FROM LEAVING THE SITE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TAKING WHATEVER MEASURES ARE NECESSARY TO CORRECT AND/OR COMPENSATE BORDERING PROPERTY OWNERS AND THE DGIF FOR ALL DAMAGES DUE TO DUST.
 - CONTRACTOR SHALL VERIFY MARKING OF EXISTING UTILITY SERVICES BEFORE ANY CONSTRUCTION ACTIVITY.
 - THE PROJECT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE VIRGINIA EROSION & SEDIMENT CONTROL HANDBOOK, THE VIRGINIA DEPARTMENT OF TRANSPORTATION'S 2008 ROAD AND BRIDGE STANDARDS, 2007 ROAD AND BRIDGE SPECIFICATIONS, AND 2011 WORK AREA PROTECTION MANUAL.

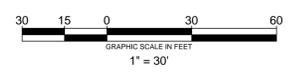
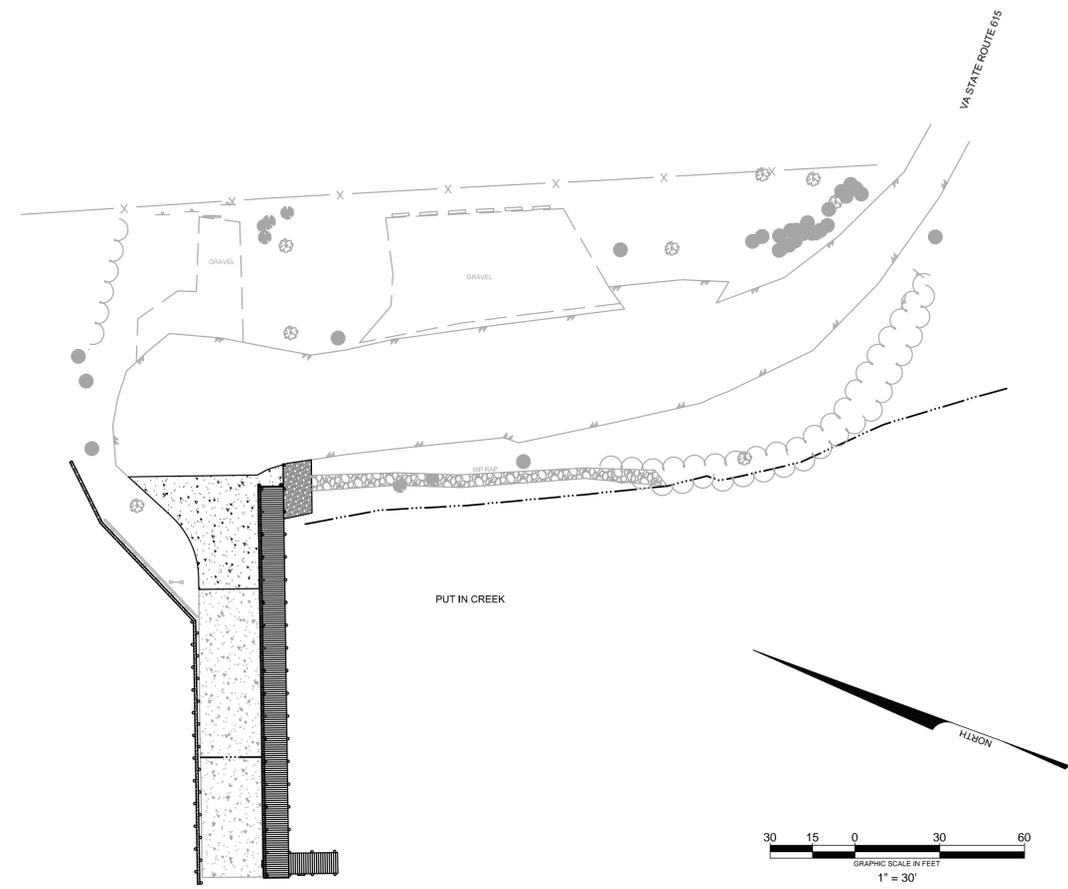
- SURVEY NOTES:**
- ELEVATIONS SHOWN ON THIS SURVEY ARE DERIVED BY GPS METHODS UTILIZING AN OPUS SOLUTION. THE VERTICAL DATUM IS NAVD88 AND THE ELEVATIONS SHOWN HEREON ARE EXPRESSED IN FEET.
 - THE UTILITIES SHOWN HEREON ARE PLOTTED PER VISIBLE EVIDENCE IN THE FIELD ONLY. UNDERGROUND UTILITY DESIGNATION HAS NOT BEEN PERFORMED AS PART OF THIS SURVEY.
 - THE SURVEYOR TAKES NO RESPONSIBILITY FOR THE LOCATION OR ACCURACY OF THE UTILITIES SHOWN HEREON OR ANY UTILITIES WITHIN THE PROJECT AREA THAT MAY NOT BE SHOWN HEREON. THE OWNER/CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING MISS UTILITY AT 811 TO REQUEST A 48 HOUR EXCAVATION TICKET BEFORE THE START OF ANY EXCAVATION/GROUND DISTURBANCE.
 - THIS SURVEY WAS PREPARED AT THE REQUEST OF THE VIRGINIA DEPARTMENT OF GAME AND INLAND FISHERIES.
 - THIS SURVEY HAS BEEN PREPARED WITHOUT THE BENEFIT OF A TITLE REPORT AND DOES NOT, THEREFORE, NECESSARILY INDICATE ALL ENCUMBRANCES ON THE PROPERTY.
 - A BOUNDARY SURVEY HAS NOT BEEN PERFORMED BY HURT & PROFFITT, INC. AS PART OF THIS SURVEY.
 - THIS SITE APPEARS TO BE IN FLOOD ZONE AE, SUBJECT TO FLOODING BY THE 1% ANNUAL CHANCE FLOOD, AS SHOWN ON FEMA FLOOD INSURANCE RATE MAP NUMBER 51115C 0090 E, REVISED DECEMBER 9, 2014.
 - THE WATER LEVEL SHOWN HEREON AT THE EXISTING BOAT RAMP WAS OBSERVED ON MARCH 10, 2015 AT 2:15 PM.
 - THE DATUM PLANE DIAGRAM SHOWN HEREON IS BASED ON THE NGS TIDAL BENCHMARK "TIDAL 9 STA 54" (PID GV0596).

SURVEYOR'S STATEMENT:

THIS TOPOGRAPHIC SURVEY WAS COMPLETED UNDER THE DIRECT AND RESPONSIBLE CHARGE OF, ROBERT J. ERWIN, JR., L.S., FROM AN ACTUAL GROUND SURVEY MADE UNDER MY SUPERVISION; THAT THE IMAGERY AND/OR ORIGINAL DATA WAS OBTAINED MARCH 10, 2015; AND THAT THIS PLAT, MAP, OR GEOSPATIAL DATA INCLUDING METADATA MEETS MEETS MINIMUM ACCURACY STANDARDS UNLESS OTHERWISE NOTED.

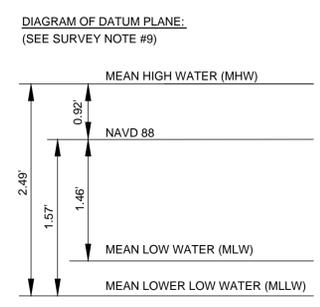
THE ENGINEER AND/OR SURVEYOR TAKES NO RESPONSIBILITY FOR THE LOCATION OR ACCURACY OF THE UTILITIES AS SHOWN HEREON OR ANY UTILITIES WITHIN THE PROJECT THAT MAY NOT BE SHOWN HEREON. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE UTILITY COMPANIES TO SEE IF ANY UTILITIES EXIST WITHIN THE AREA OF THE PROJECT BEFORE ANY CONSTRUCTION BEGINS. ANY COST INCURRED BY DAMAGING ANY UTILITY WITHIN THE PROJECT SHALL BE AT THE EXPENSE OF THE CONTRACTOR.

48 WORKING HOURS PRIOR TO STARTING THE WORK, THE CONTRACTOR SHALL CALL MISS UTILITY AT PHONE NUMBER 811 AND ADVISE THE NATURE AND LOCATION OF THE WORK.



- EXISTING LEGEND**
- BENCHMARK
 - CONCRETE
 - EDGE OF PAVEMENT
 - EDGE OF WOODS
 - EDGE OF WATER

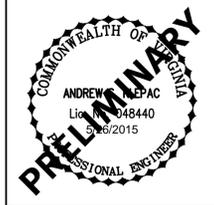
- PROPOSED LEGEND**
- FF FINISHED FLOOR
 - HP HIGH POINT
 - LP LOW POINT
 - MG MATCH GRADE
 - P PAVEMENT
 - TC TOP OF CURB
 - SW SIDEWALK
- CONCRETE



- SHEET INDEX**
- C1.0 COVER SHEET
 - C2.0 SITE PLAN
 - C3.0 DETAILS

COVER SHEET
TOWN POINT BOAT LANDING SITE IMPROVEMENTS
VIRGINIA DEPARTMENT OF GAME AND INLAND FISHERIES
MATHEWS COUNTY, VIRGINIA

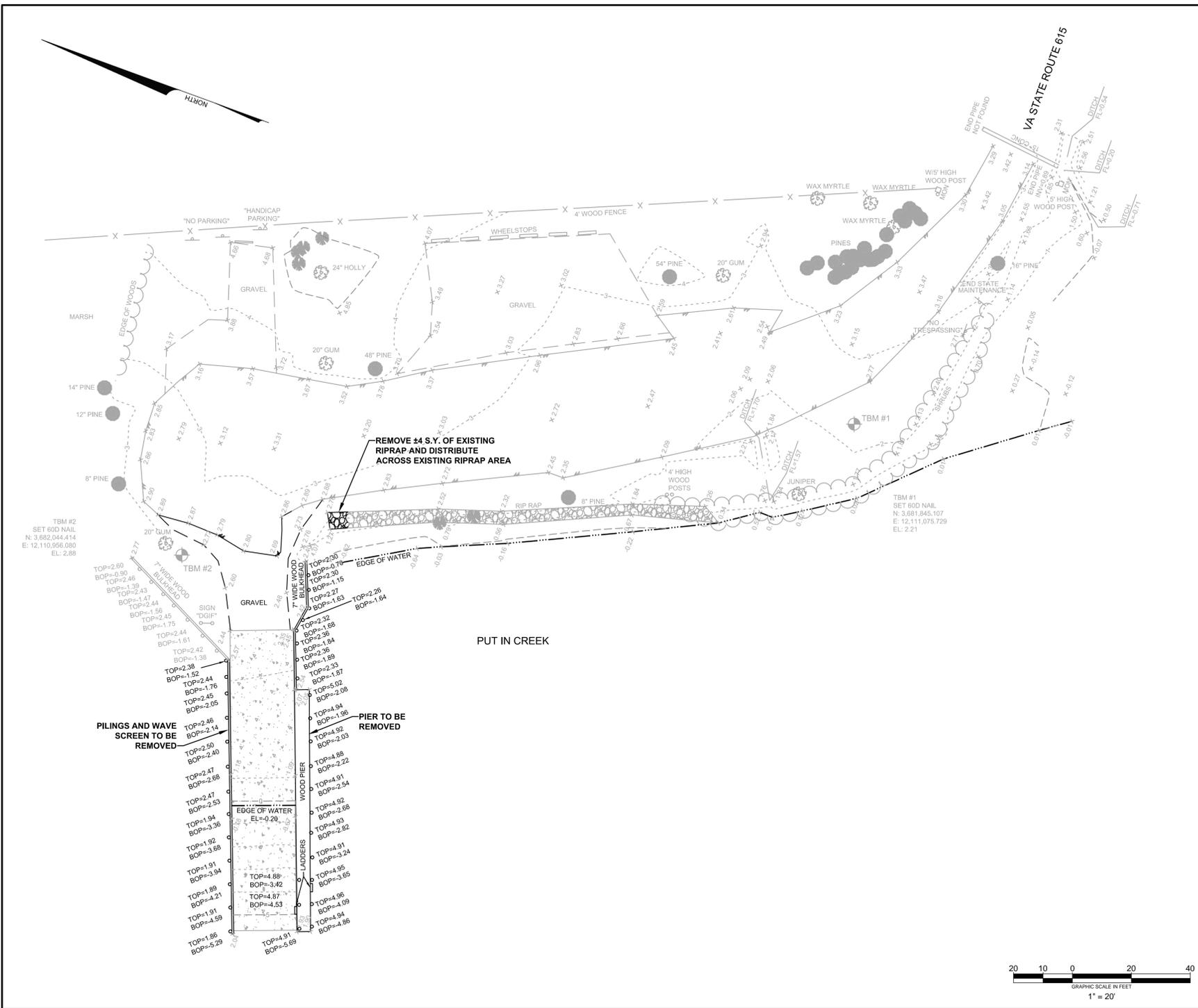
PROJECT NO. 20150041
 LATITUDE: 37° 24' 56"
 LONGITUDE: 76° 20' 14"
 DATE: 5/26/2015
 DRAWN BY: ASK
 CHECKED BY: ASK



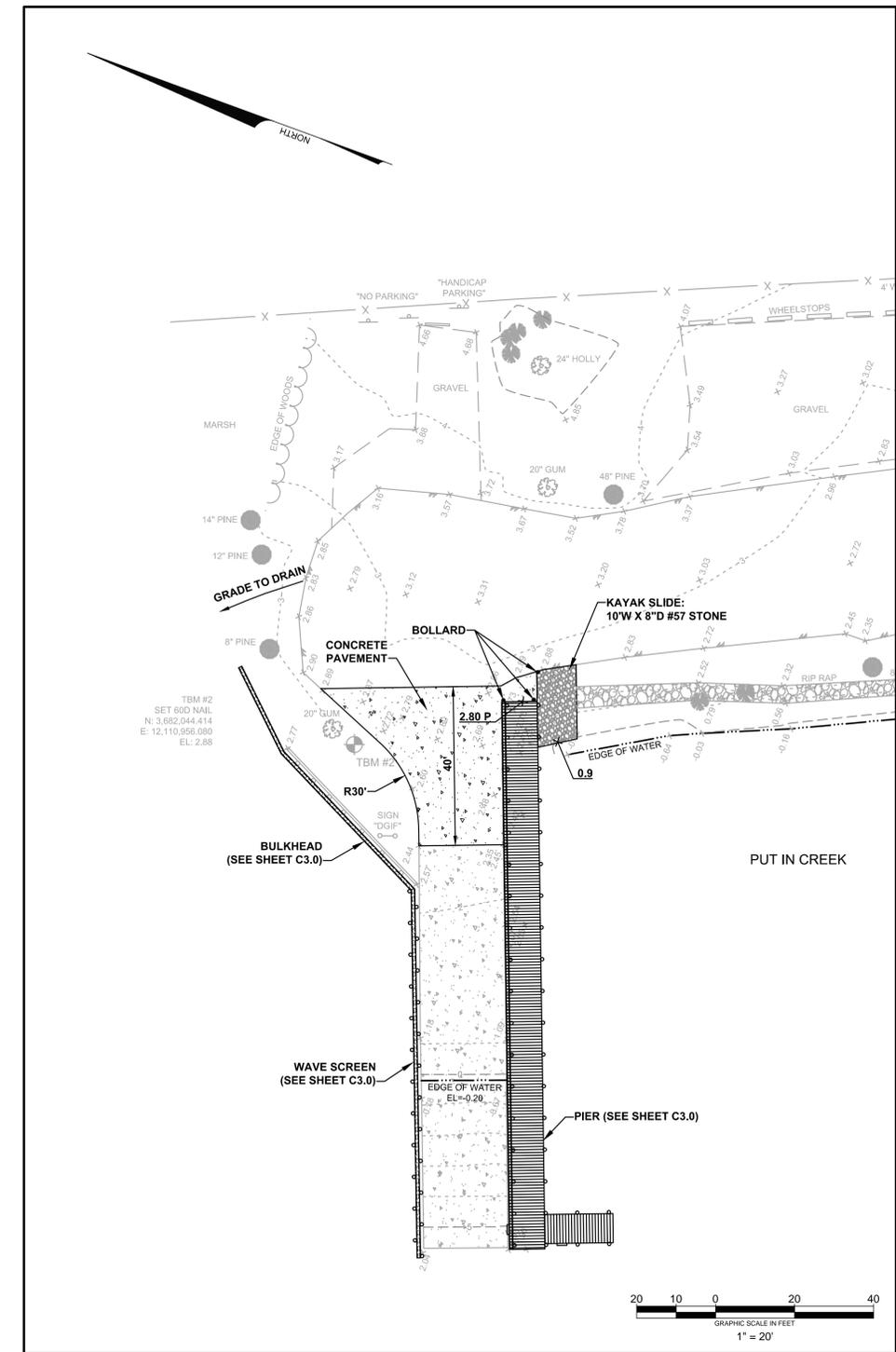
HURT & PROFFITT

SHEET NO.
C1.0

May 26, 2015 - 10:51am C:\Users\ask\appdata\local\temp\app-jpubsh_20150526\18106 SITE.dwg

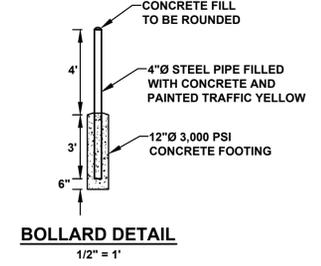
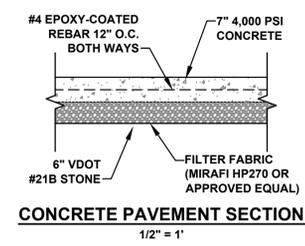


EXISTING CONDITIONS AND DEMOLITION PLAN



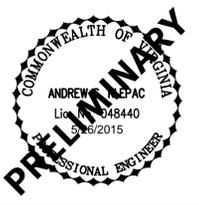
SITE PLAN

- NOTES:**
1. WOODEN BULKHEAD, PILING, AND PIER MATERIALS REMOVED MUST BE DISPOSED OF PROPERLY.
 2. CONCRETE TO BE POURED IN ACCORDANCE WITH VDOT SPECIFICATION SECTION 316 WITH A WOOD FLOAT FINISH. CONSTRUCTION JOINTS TO BE AT 10' INTERVALS. ISOLATION JOINTS TO BE AT 30' INTERVALS FILLED W/ PRE-MOLDED 1/2" JOINT FILLER.
 3. PROPOSED CONCRETE TO BE DOWELED INTO EXISTING BOAT RAMP SLAB. PROVIDE AND INSTALL 1/2"Ø PLAIN DOWELS 14" LONG, EPOXY-SET AT 12" O.C. IN EXISTING SLAB.

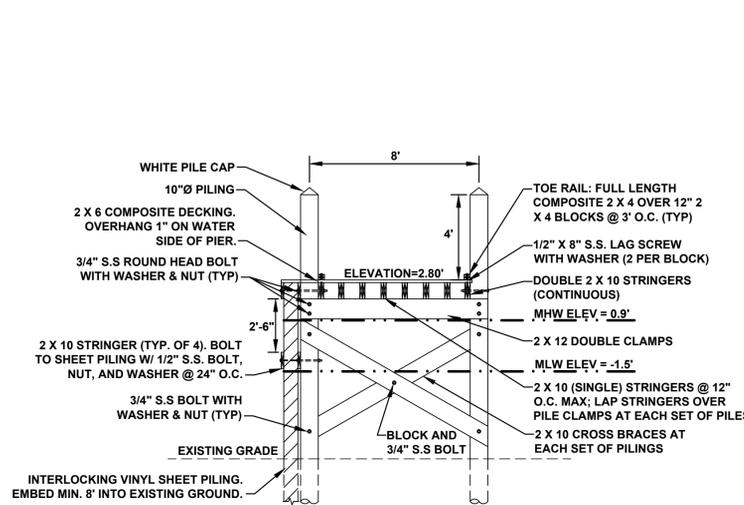


SITE PLAN
TOWN POINT BOAT LANDING SITE IMPROVEMENTS
VIRGINIA DEPARTMENT OF GAME AND INLAND FISHERIES
MATHEWS COUNTY, VIRGINIA

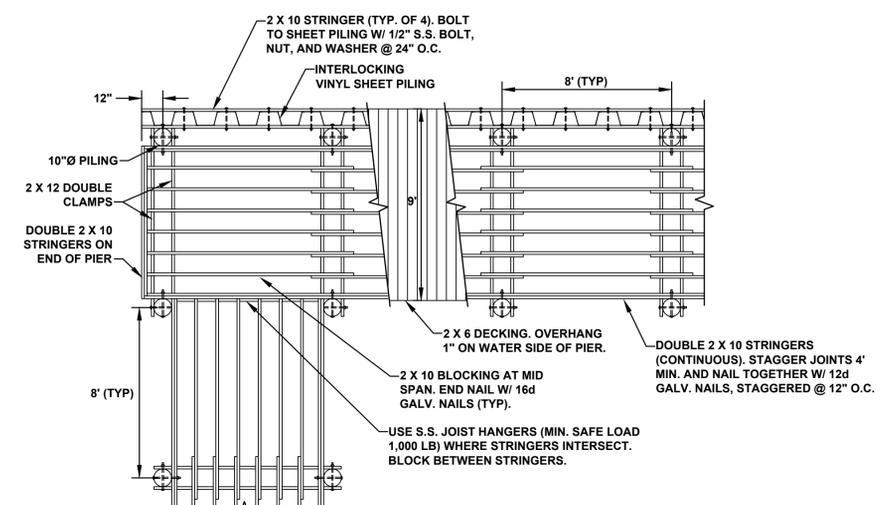
PROJECT NO. 20150041
LATITUDE: 37° 24' 56"
LONGITUDE: 76° 20' 14"
DATE: 5/26/2015
DRAWN BY: ASK
CHECKED BY: ASK



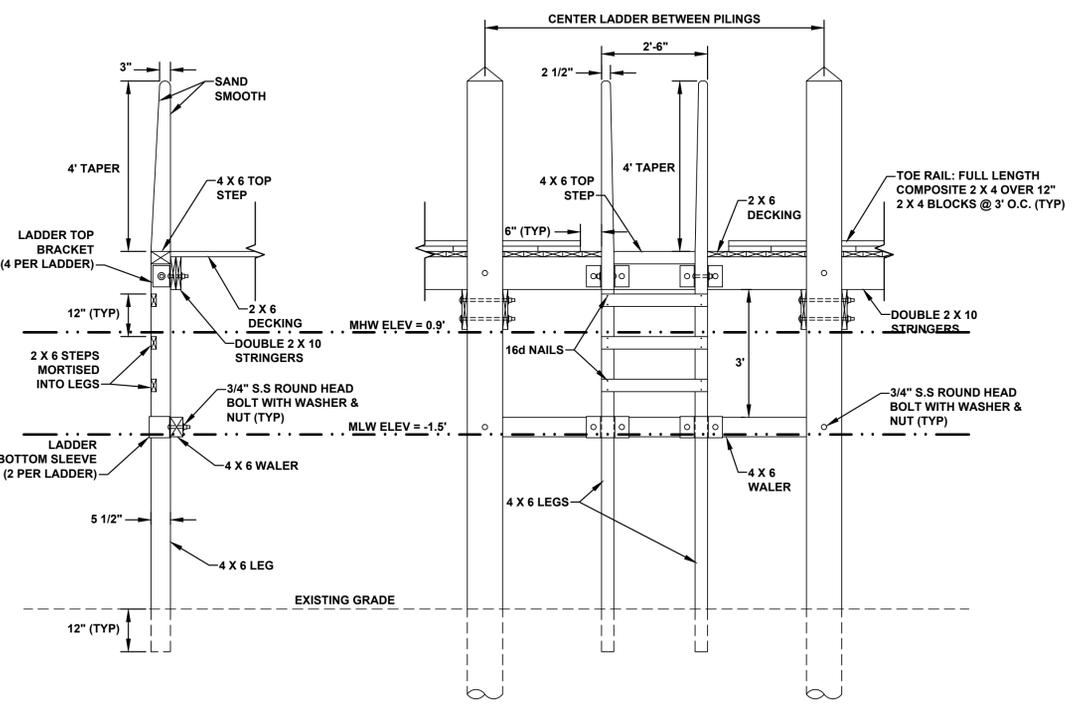
May 26, 2015 - 10:51am C:\Users\ask\appdata\local\temp\AP\Julian_3016\SITE.dwg



PIER TYPICAL SECTION
1/4" = 1'

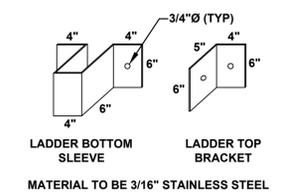


PIER FRAMING DETAIL
1/4" = 1'

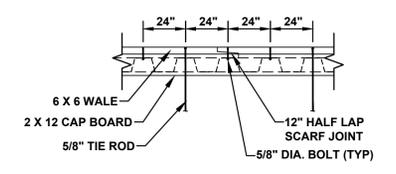


SECTION **ELEVATION**

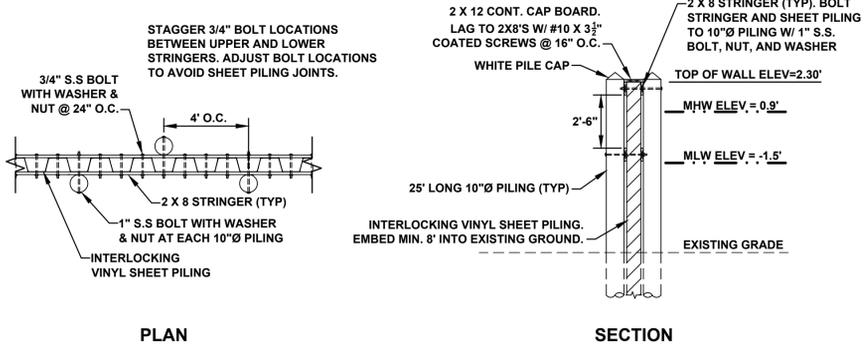
LADDER DETAIL
1/2" = 1'



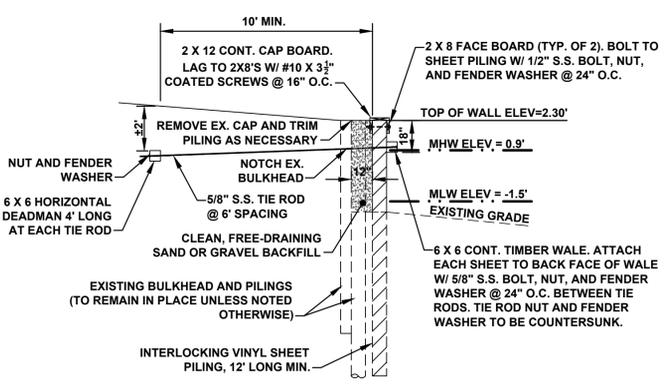
BRACKET AND SLEEVE DETAILS
1" = 1'



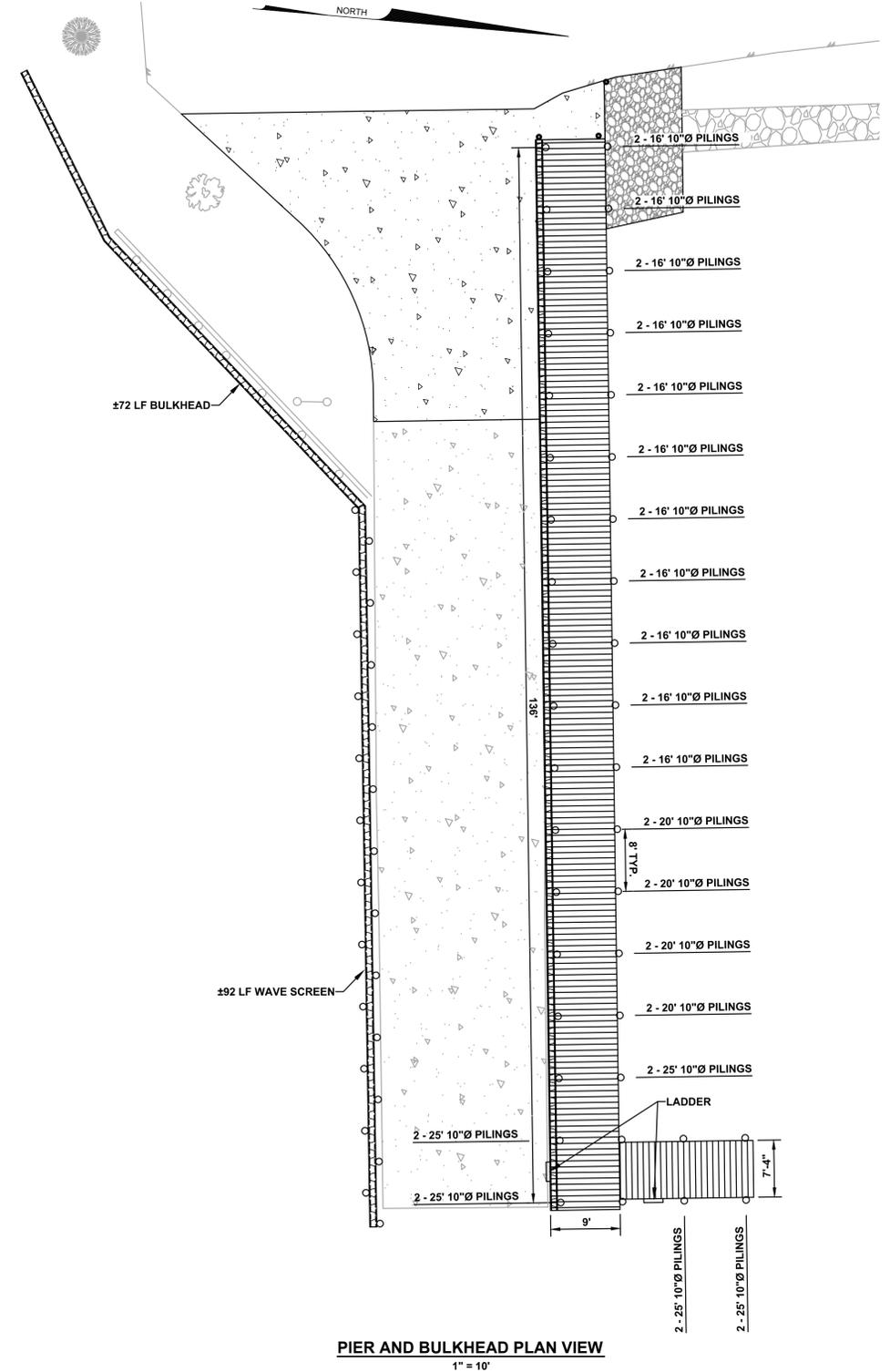
WALE SPLICE DETAIL (PLAN VIEW)
1/4" = 1'



WAVE SCREEN TYPICAL SECTION
1/4" = 1'



BULKHEAD TYPICAL SECTION
1/4" = 1'



PIER AND BULKHEAD PLAN VIEW
1" = 10'

- DETAIL NOTES:**
1. DECKING AND TOE RAIL TO BE COMPOSITE LUMBER; TREX COMPANY, INC. PRODUCTS OR APPROVED EQUAL. DECKING FASTENERS TO BE #10 X 3" COATED SCREWS, (2) PER STRINGER.
 2. PILING TO BE 10"Ø TIMBERGUARD PILING OR APPROVED EQUAL.
 3. VINYL SHEET PILING TO BE SHOREGUARD SG-425 SERIES OR APPROVED EQUAL.
 4. TIMBER WALE TO BE #1 DENSE STRUCTURAL MEMBER.
 5. ALL OTHER WOOD MEMBERS TO BE 2.5 PCF CCA TREATED LUMBER, #1 GRADE OR BETTER, AND SHALL BE STAMPED WITH THE SP18 QUALITY MARK.
 6. WOOD MOISTURE CONTENT TO BE AT LEAST 18% PRIOR TO TREATING.
 7. ALL HARDWARE TO BE STAINLESS STEEL UNLESS OTHERWISE NOTED.
 8. VOIDS CREATED BY NEW SHEET PILING NEXT TO BOAT RAMP SHALL BE FILLED WITH STONE OR CONCRETE.

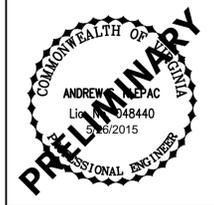
* ENGINEERING >>> SURVEYING >>> PLANNING

HURT & PROFFITT
INCORPORATED

2524 LANGHORNE ROAD
LYNCHBURG VA 24501
800.242.4906 TOLL FREE
434.847.7796 MAIN
434.847.0047 FAX

DETAILS
TOWN POINT BOAT LANDING SITE IMPROVEMENTS
VIRGINIA DEPARTMENT OF GAME AND INLAND FISHERIES
MATHEWS COUNTY, VIRGINIA

PROJECT NO. 20150041
LATITUDE: 37° 24' 56"
LONGITUDE: 76° 20' 14"
DATE: 5/26/2015
DRAWN BY: ASK
CHECKED BY: ASK



HURT & PROFFITT

SHEET NO.
C3.0

May 26, 2015 - 10:52am C:\Users\askproffitt\localtemp\AP\publish_20150041.dwg