



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:

Fox Hill Boat Landing and Parking Lot Improvements

PROJECT LOCATION:

City of Hampton
Directions: North (1) of Fox Hill at end of Dandy Point Road

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

The scope of work for the Fox Hill Boat Landing and Parking Lot Improvements project includes replacing the existing courtesy piers and reconstructing the existing parking lot to better drain storm water. Improvements also include adding a floating pier for kayaks/canoes for non-motorized users.

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

The renovation of the Fox Hill Landing will not only benefit Hampton Road and Virginia Beach 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:

\$ 137,500

Recipient Funding:

\$ 412,500

Total Costs:

\$ 550,000

*This form alone does not constitute a complete application, see application instructions or contact Alicia Nelson at 757-247-8155 or alicia.nelson@mrc.virginia.gov

I. Need

The Fox Hill Boat Landing needs include the following: the parking lot needs to be upgraded to better drain storm water and limit the flooded area created by north easterly/hurricane type storms; there is a need for lighting improvements to improve safety in the evening and better observation to prevent unwanted activity at night; and the docks and the courtesy pier boards and substructure are degraded from weather exposure saltwater exposure and age. An enhancement to the site includes the addition of a hand launch for kayaks and canoes. Overall, the project should help improve access, public safety, and ADA compliance. Renovating and enhancing the Fox Hill Landing aligns 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 Fox Hill Landing. Construction includes removal of three existing wood piers (50-100' long x 6' wide), and construction of three new 8' wide wood piling piers. A new culvert will be installed at the entrance and a trench drain along one edge of the parking lot will improve stormwater management and reduce potential soil erosion. A 10'x10' floating dock for hand launching kayaks and canoes will be added to the site.

- July 2015 – Receive notice of award from VMRC and bid for construction
- August 2015 – Complete contracting 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

The Fox Hill Landing is on the Back River in the Fox Hill section of the City of Hampton which feeds into the Chesapeake Bay. This is one of the busiest boat launch sites in Virginia and one of Department of Game and Inland Fisheries' largest boat landings. According to the DGIF Regional Boating Access Manager for this region, this is a popular landing due to its access to excellent fishing.

Updates to the Fox Hill Landing will enhance recreational fishing opportunities for all of Virginia's saltwater license holders. Virginia recreational anglers use this landing for easy boat access to fishing areas such as Bluefish Rock artificial reef and the Grandview-Buckroe coastal area. DGIF fishing biologists say this area provides excellent recreational opportunities for various saltwater species.

The Hampton Roads/Virginia Beach area is one of the most visited tourism areas in the state; according to the 2013 Virginia Outdoors Plan, "domestic travel to the region generated more than \$4 billion in 2011" and the biggest draw to the area is water-based attractions and recreation (10.257). The Outdoor plan also shows that access for non-motorized boating and public access to state waters for fishing have increased in priority for outdoor recreation, therefore, adding the hand launch for kayaks and canoes helps to achieve one of the plan's goals (10.255). While there is not a fishing pier at Fox Hill Landing, there is increased access to saltwater fishing via motorized and non-motorized boats.

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 Fox Hill 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 through tourism. 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 be used toward the construction costs of the Fox Hill Landing and Parking Lot Improvements. 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, was 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 begin this summer, dependent on grant funding.

In January 2015, DGIF met with the City of Hampton Department of Public Works to discuss the impact the drainage renovations would have on the entrance to the site since the changes would impact the city-owned road connecting to the entrance. The meeting also informed the City about changes to the layout, the amount of parking, lighting, and additions to the site, such as the hand launch which includes a gangway to a floating pier.

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
- Winter 2015 – Consulted with the City of Hampton Public Works Department
- Spring 2015 – Design completed and VMRC permits received
- July 2015 – Receive notice of award from VMRC and bid for construction
- August 2015 – Complete contracting 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 Fox Hill Landing is on DGIF-owned property in the City of Hampton. It is on the Back River, located at the end of Dandy Point Road.

VI. Estimated Costs

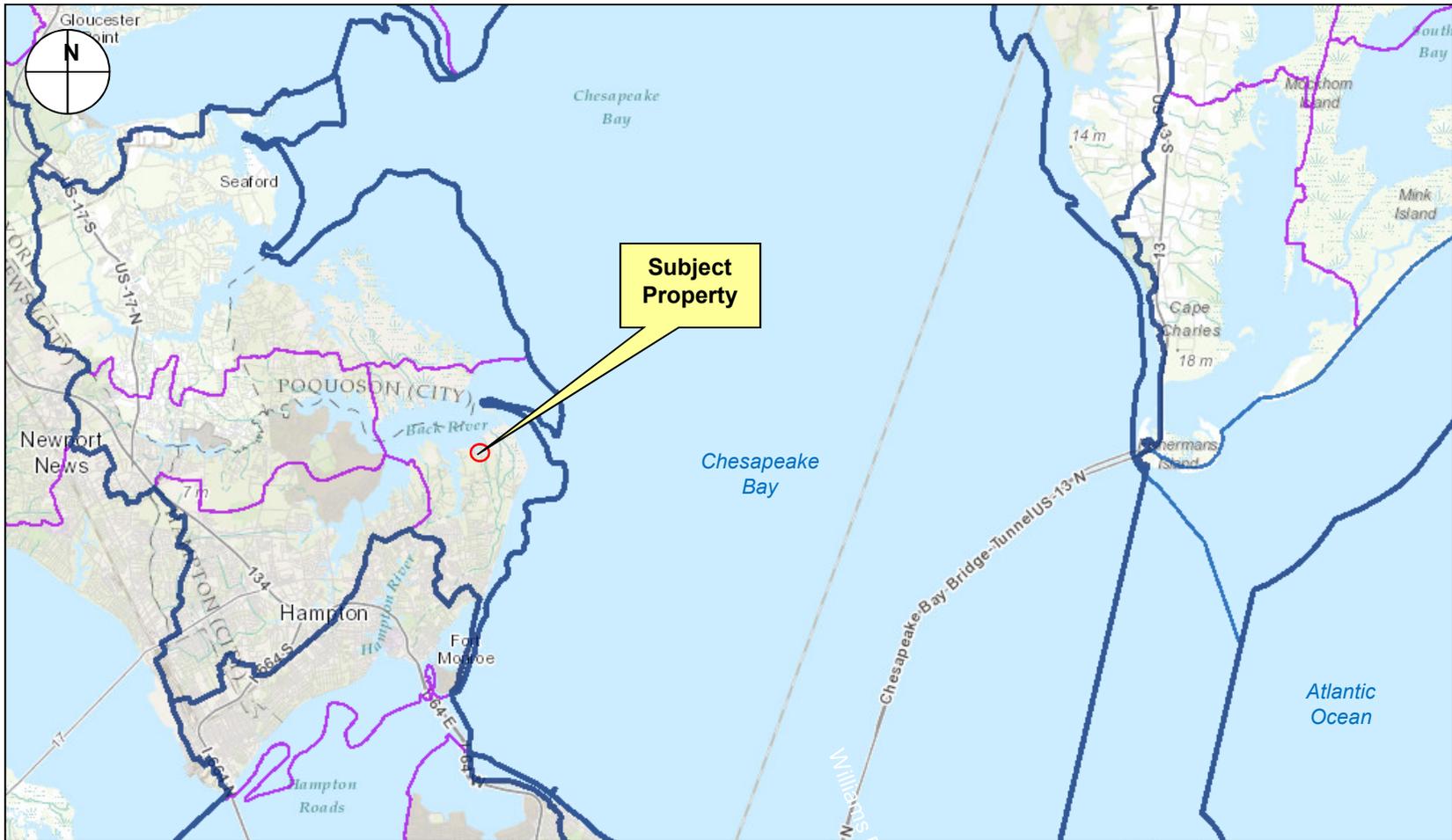
Construction costs are based on site plan designs completed by Hurt & Proffitt.

Demolition	\$30,000
Light-duty Concrete Pavement	\$1,400
Heavy-duty Concrete Pavement	\$10,500
Paved Ditch	\$13,850
Asphalt Overlay	\$195,365
Pavement Marking	\$5,365
Fencing	\$3,000
Drainage and Erosion & Settlement	\$5,000
Floating Dock and Gangway	\$30,000
Piling	\$67,920
Piers	\$187,600
Total cost	\$550,000

Requesting from VMRC: \$137,500

DGIF Matching Funds: \$412,500

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>	




HURT & PROFFITT
INCORPORATE

2524 LANGHORNE ROAD
LYNCHBURG, VA 24501
800.242.4906 TOLL FREE
434.847.7796 MAIN
434.847.0047 FAX
WWW.HANDP.COM

VA Dept. of Game and Inland Fisheries
Fox Hill Boat Landing
Hampton, Virginia

Source: VDEQ Hydrologic Unit Explorer GIS (2014), NTS

Location/
Watershed
Map

Figure
1



	<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>
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VA Dept. of Game and Inland Fisheries
Fox Hill Boat Landing
Hampton, Virginia

Source: City of Hampton, VA GIS (2014), NTS

Site Boundary
Map

Figure
4



Photograph 1 – Riprap-armored shoreline, and southernmost pier - view northeast



Photograph 2 – Existing boat launches and three piers - view north



Photograph 3 – Central pier (foreground) and northernmost pier (background) - view northeast

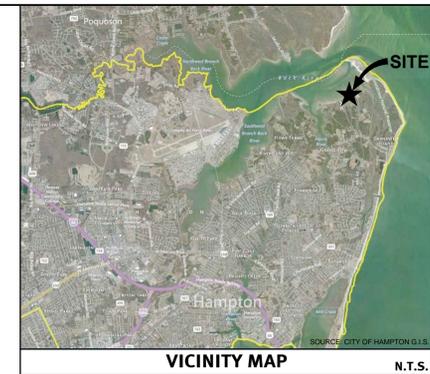


Photograph 4 – Dandy Point Road and site entrance/parking (to right) - view southeast

FOX HILL LANDING SITE IMPROVEMENTS

VIRGINIA DEPARTMENT OF GAME AND INLAND FISHERIES

CITY OF HAMPTON, VIRGINIA
PROJECT CODE #403-18106-CO-0939



* 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 THREE NEW PIERS AND PAVING AND DRAINAGE IMPROVEMENTS ON THE EXISTING PARKING AREA.
- 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.
- ALL MATERIAL REMOVED DURING CONSTRUCTION SHALL BE DISPOSED OF PROPERLY.
- 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 BASED ON THE CITY OF HAMPTON VERTICAL DATUM (NAVD88). THE CITY OF HAMPTON MONUMENT USED IS STATION 80-502 (ELEV=2.03) AND SHOWN HEREON.
- THE UTILITIES SHOWN HEREON ARE PLOTTED PER VISIBLE EVIDENCE IN THE FIELD AND A RECORD DRAWING PROVIDED BY THE CITY OF HAMPTON PUBLIC WORKS WASTEWATER OPERATIONS FOR THE SANITARY SEWER FORCE MAIN.
- 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 STARTING OF EXCAVATION/GROUND DISTURBANCE OF ANY KIND.
- 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.
- PROPERTY LINE AND EASEMENT INFORMATION SHOWN HEREON ARE FROM RECORD INFORMATION ONLY AND HAVE ONLY BEEN TIED DOWN IN THE FIELD ADEQUATELY ENOUGH TO USE FOR GENERAL INFORMATION PURPOSES. A BOUNDARY SURVEY HAS NOT BEEN PERFORMED AT THIS TIME BY HURT & PROFFITT, INC.
- THIS SITE APPEARS TO BE IN FLOOD ZONE VE, COASTAL FLOOD ZONE WITH VELOCITY HAZARD (EL=10.00), AS SHOWN ON FEMA FLOOD INSURANCE RATE MAP NUMBER 515527 0131 G, REVISED AUGUST 16, 2011.
- THE WATER LEVEL SHOWN HEREON AT THE EXISTING BOAT RAMPS WAS OBSERVED ON OCTOBER 28, 2014 AT 10:12 AM.

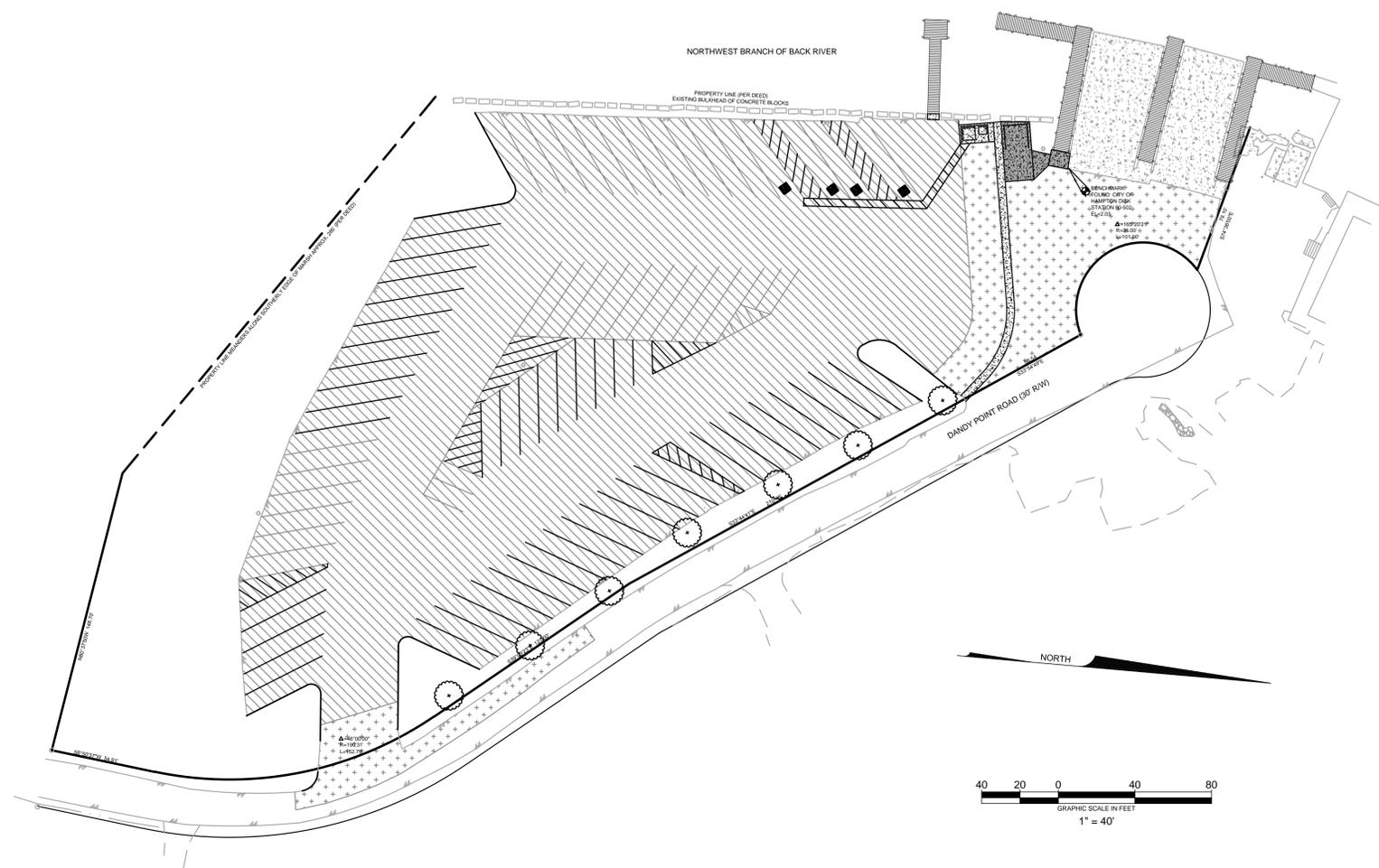
SURVEYOR'S STATEMENT:
THIS TOPOGRAPHIC SURVEY WAS COMPLETED UNDER THE DIRECT AND RESPONSIBLE CHARGE OF, ROBERT J. ERWIN, JR., L.S., FROM AN ACTUAL GROUND SURVEY MADE UNDER MY SUPERVISION; THAT THE IMAGERY AND/OR ORIGINAL DATA WAS OBTAINED OCTOBER 28-29, 2014; AND THAT THIS PLAT, MAP, OR GEOSPATIAL DATA INCLUDING METADATA MEETS MEETS MINIMUM ACCURACY STANDARDS UNLESS OTHERWISE NOTED.

OWNER INFORMATION:
NOW OR FORMERLY OWNED BY THE COMMONWEALTH OF VIRGINIA, COMMISSION OF GAME AND INLAND FISHERIES AS RECORDED IN D.B. 643, PG. 712 IN THE CLERK'S OFFICE OF THE CIRCUIT COURT IN THE CITY OF HAMPTON.

PLAT OF REFERENCE:
PLAT PREPARED BY VIRGINIA GAME COMMISSION TITLED "PLAT SHOWING PORTION OF LAND BELONGING TO BENNIE JOHNSON WALLACE TO BE ACQUIRED BY COMMONWEALTH OF VIRGINIA COMMISSION OF GAME AND INLAND FISHERIES" RECORDED IN DEED BOOK 643, PAGE 714, IN THE CLERK'S OFFICE OF THE CIRCUIT COURT IN THE CITY OF HAMPTON.

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.



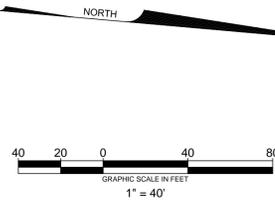
EXISTING LEGEND

- IPF IRON PIN FOUND
- ⊕ ELECTRIC POLE
- GUY WIRE
- ⊕ SANITARY FORCE MAIN VALVE
- ⊕ WATER METER
- ⊕ WATER VALVE
- ⊕ FIRE HYDRANT
- ⊕ LIGHT POLE
- ⊕ BENCHMARK
- FENCE
- OH E OVERHEAD ELECTRIC
- UG FM UG SAN. SEWER FORCE MAIN
- W UG WATER LINE
- CONCRETE
- EDGE OF PAVEMENT
- EDGE OF WOODS

PROPOSED LEGEND

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

- ASPHALT PAVEMENT OVERLAY
- ASPHALT PAVEMENT MILLING AND OVERLAY
- LIGHT-DUTY CONCRETE
- HEAVY-DUTY CONCRETE



- SHEET INDEX**
- C1.0 COVER SHEET
 - C2.0 DEMOLITION PLAN
 - C3.0 SITE PLAN
 - C4.0 DETAILS

COVER SHEET
FOX HILL LANDING SITE IMPROVEMENTS
VIRGINIA DEPARTMENT OF GAME AND INLAND FISHERIES
CITY OF HAMPTON, VIRGINIA

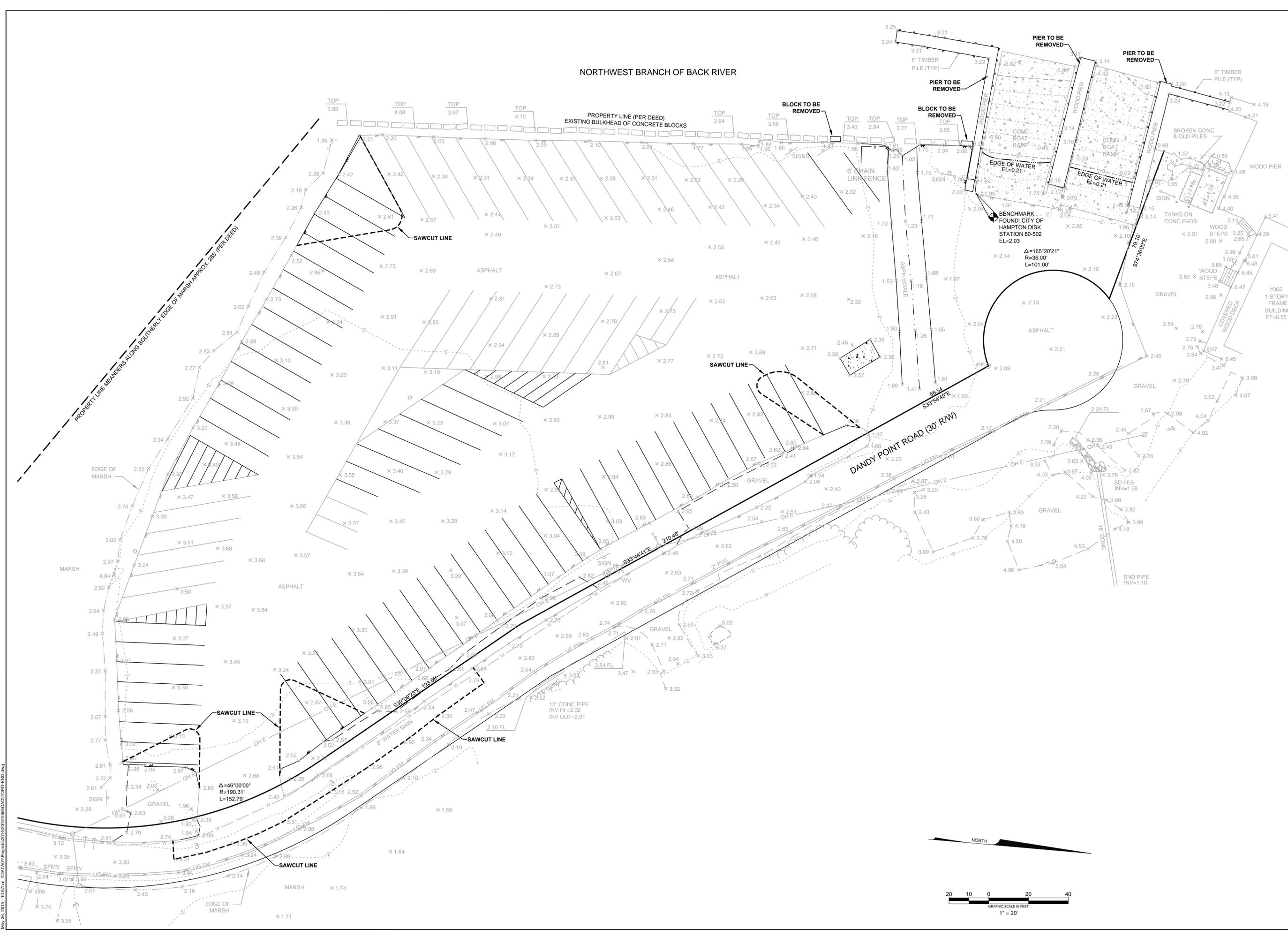
PROJECT NO. 20141056
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 LONGITUDE: 76° 17' 40"
 DATE: 5/26/2015
 DRAWN BY: ASK
 CHECKED BY: ASK



HURT & PROFFITT

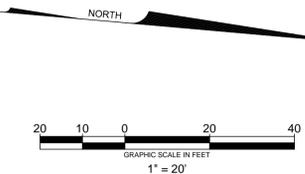
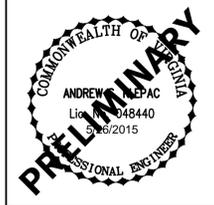
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DEMOLITION PLAN
FOX HILL LANDING SITE IMPROVEMENTS
VIRGINIA DEPARTMENT OF GAME AND INLAND FISHERIES
CITY OF HAMPTON, VIRGINIA

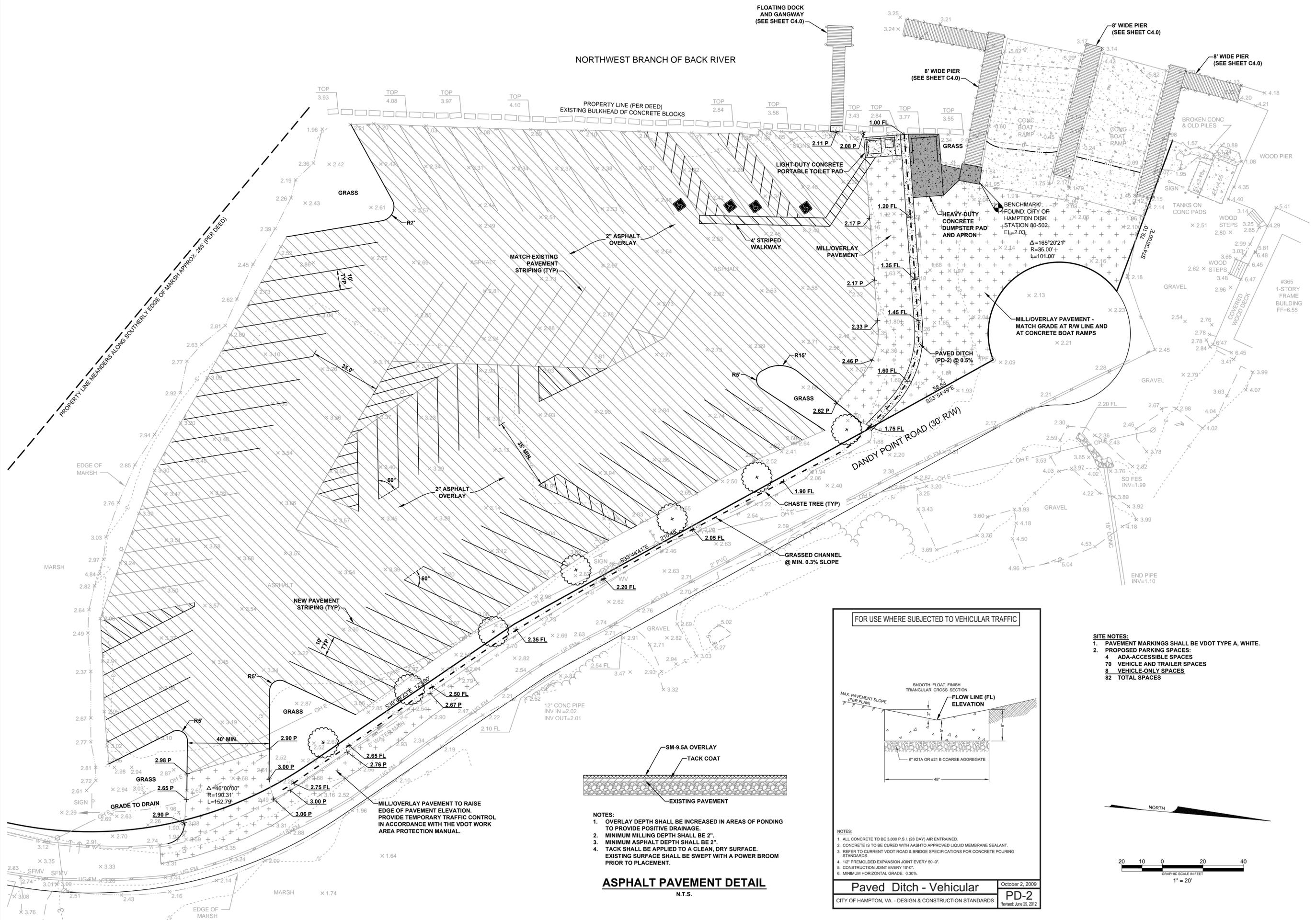
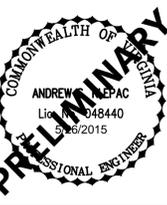
PROJECT NO. 20141056
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 LONGITUDE: 76° 17' 40"
 DATE: 5/26/2015
 DRAWN BY: ASK
 CHECKED BY: ASK



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SITE PLAN
FOX HILL LANDING SITE IMPROVEMENTS
VIRGINIA DEPARTMENT OF GAME AND INLAND FISHERIES
CITY OF HAMPTON, VIRGINIA

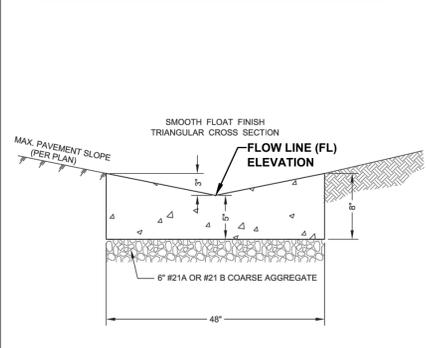
PROJECT NO. 20141056
LATITUDE: 37° 05' 46"
LONGITUDE: 76° 17' 40"
DATE: 5/26/2015
DRAWN BY: ASK
CHECKED BY: ASK



- NOTES:
- 1. OVERLAY DEPTH SHALL BE INCREASED IN AREAS OF PONDING TO PROVIDE POSITIVE DRAINAGE.
 - 2. MINIMUM MILLING DEPTH SHALL BE 2".
 - 3. MINIMUM ASPHALT DEPTH SHALL BE 2".
 - 4. TACK SHALL BE APPLIED TO A CLEAN, DRY SURFACE. EXISTING SURFACE SHALL BE SWEEPED WITH A POWER BROOM PRIOR TO PLACEMENT.

ASPHALT PAVEMENT DETAIL
N.T.S.

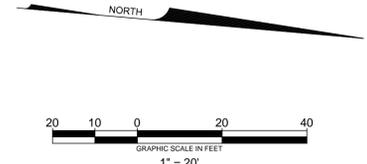
FOR USE WHERE SUBJECTED TO VEHICULAR TRAFFIC



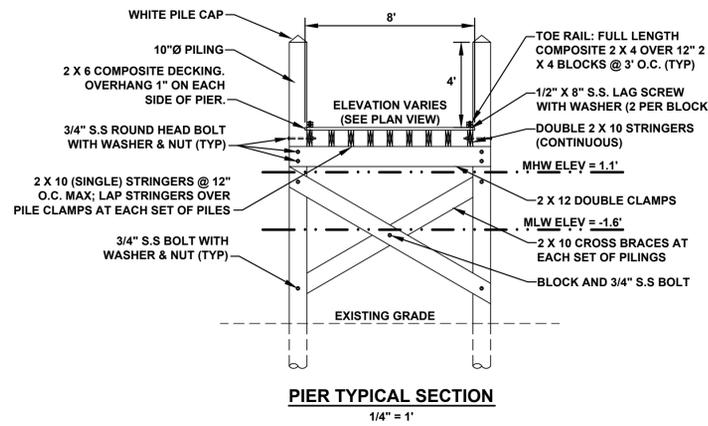
- NOTES:
- 1. ALL CONCRETE TO BE 3000 P.S.I. (28 DAY) AIR ENTRAINED.
 - 2. CONCRETE IS TO BE CURED WITH ASHTO APPROVED LIQUID MEMBRANE SEALANT.
 - 3. REFER TO CURRENT VDOT ROAD & BRIDGE SPECIFICATIONS FOR CONCRETE POURING STANDARDS.
 - 4. 1/2" PREMOLDED EXPANSION JOINT EVERY 60'-0".
 - 5. CONSTRUCTION JOINT EVERY 10'-0".
 - 6. MINIMUM HORIZONTAL GRADE: 0.30%.

Paved Ditch - Vehicular
CITY OF HAMPTON, VA - DESIGN & CONSTRUCTION STANDARDS
October 2, 2009
PD-2
Revised: June 28, 2012

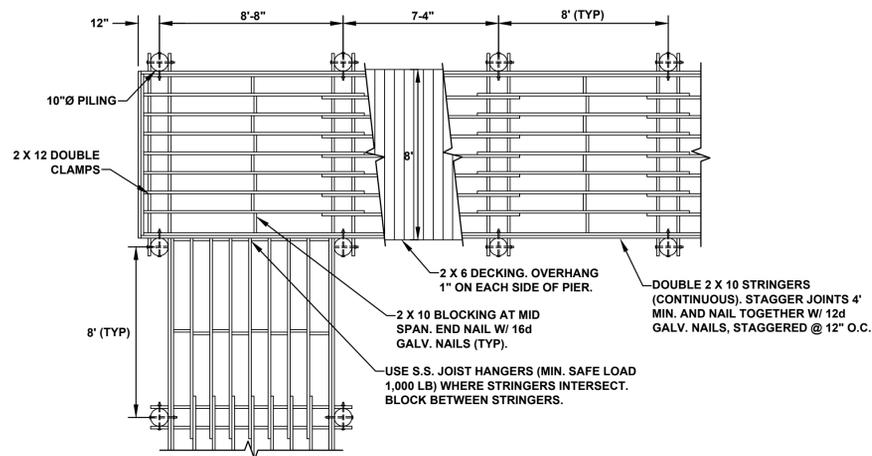
- SITE NOTES:
- 1. PAVEMENT MARKINGS SHALL BE VDOT TYPE A, WHITE.
 - 2. PROPOSED PARKING SPACES:
 - 4 ADA-ACCESSIBLE SPACES
 - 70 VEHICLE AND TRAILER SPACES
 - 8 VEHICLE-ONLY SPACES
 - 82 TOTAL SPACES



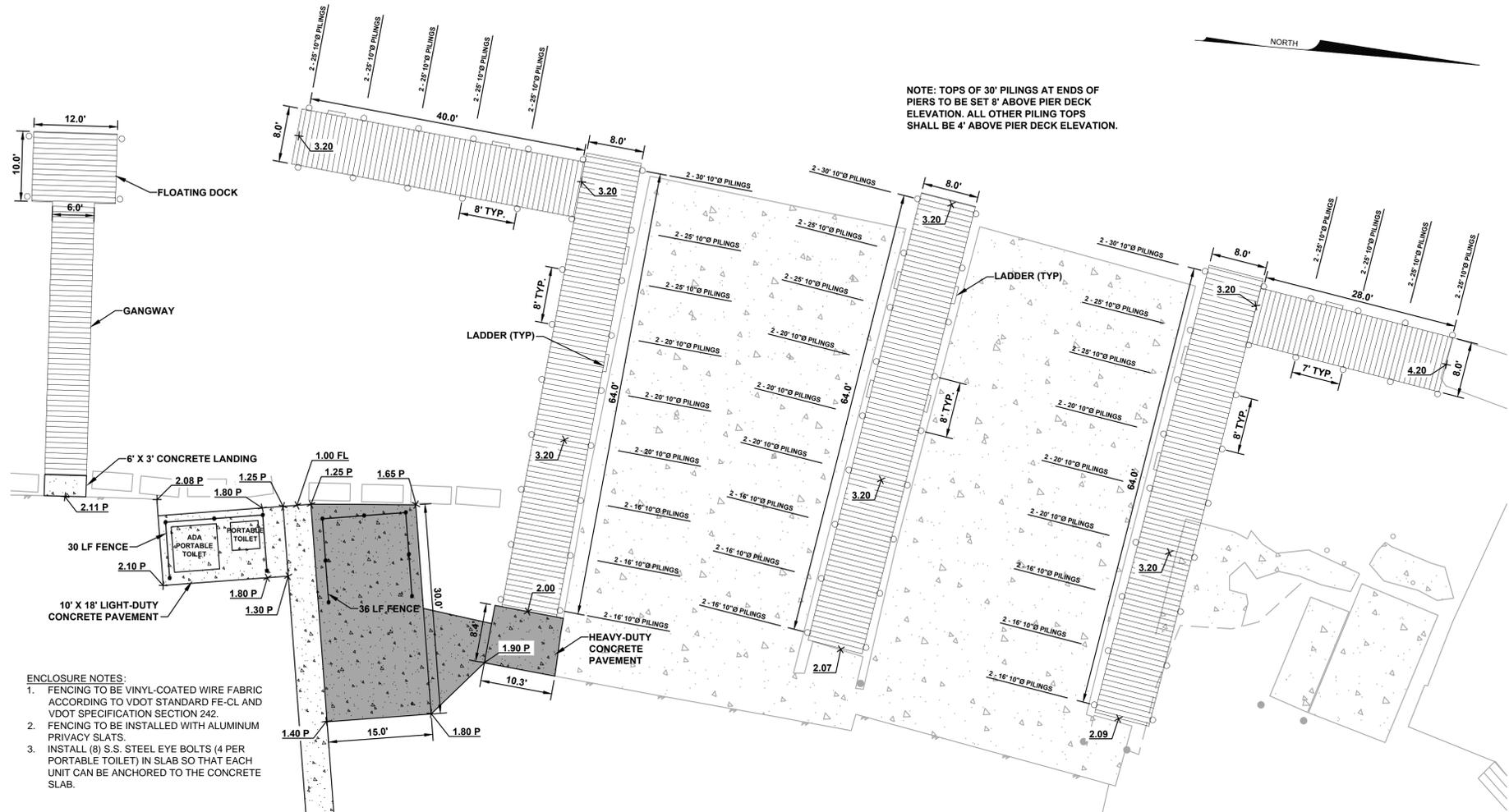
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PIER TYPICAL SECTION
1/4" = 1'



PIER FRAMING DETAIL
1/4" = 1'



PIER AND DOCK PLAN VIEW
1" = 10'

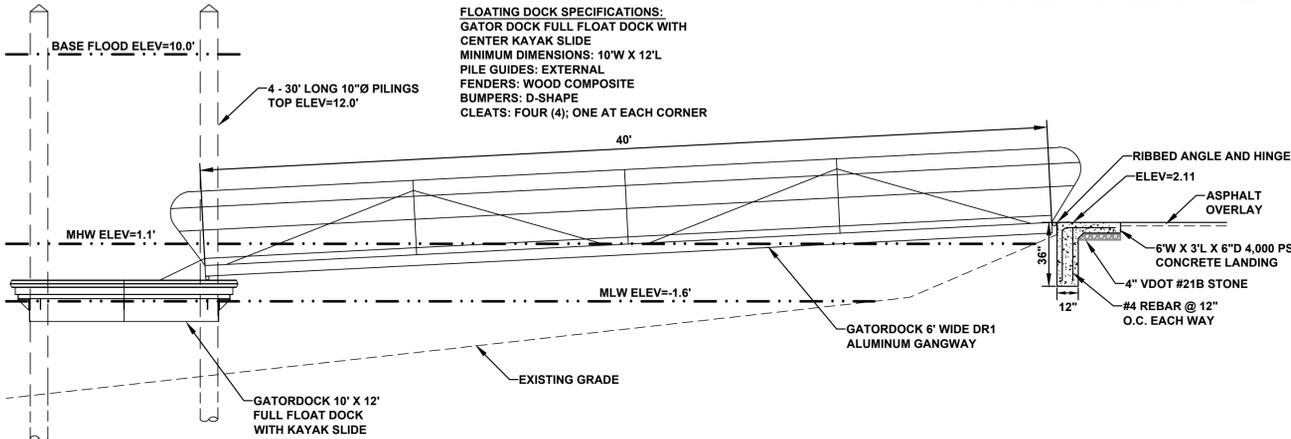
ENCLOSURE NOTES:

- FENCING TO BE VINYL-COATED WIRE FABRIC ACCORDING TO VDOT STANDARD FE-CL AND VDOT SPECIFICATION SECTION 242.
- FENCING TO BE INSTALLED WITH ALUMINUM PRIVACY SLATS.
- INSTALL (8) S.S. STEEL EYE BOLTS (4 PER PORTABLE TOILET) IN SLAB SO THAT EACH UNIT CAN BE ANCHORED TO THE CONCRETE SLAB.

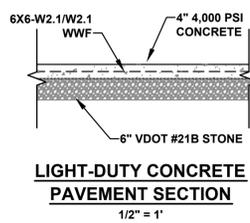
DETAIL NOTES:

- 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.
- PILINGS TO BE 10"Ø TIMBERGUARD PILINGS OR APPROVED EQUAL.
- ALL OTHER PIER MEMBERS TO BE 2.5 PCF CCA TREATED LUMBER, #1 GRADE OR BETTER, AND SHALL BE STAMPED WITH THE SPIB QUALITY MARK.
- WOOD MOISTURE CONTENT TO BE AT LEAST 18% PRIOR TO TREATING.
- ALL HARDWARE TO BE STAINLESS STEEL UNLESS OTHERWISE NOTED.
- 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.

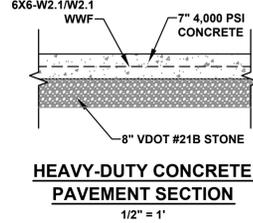
FLOATING DOCK SPECIFICATIONS:
GATOR DOCK FULL FLOAT DOCK WITH CENTER KAYAK SLIDE
MINIMUM DIMENSIONS: 10'W X 12'L
PILE GUIDES: EXTERNAL
FENDERS: WOOD COMPOSITE
BUMPERS: D-SHAPE
CLEATS: FOUR (4); ONE AT EACH CORNER



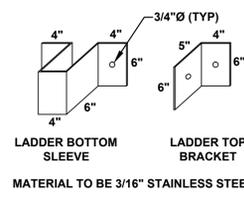
FLOATING DOCK PROFILE
1/4" = 1'



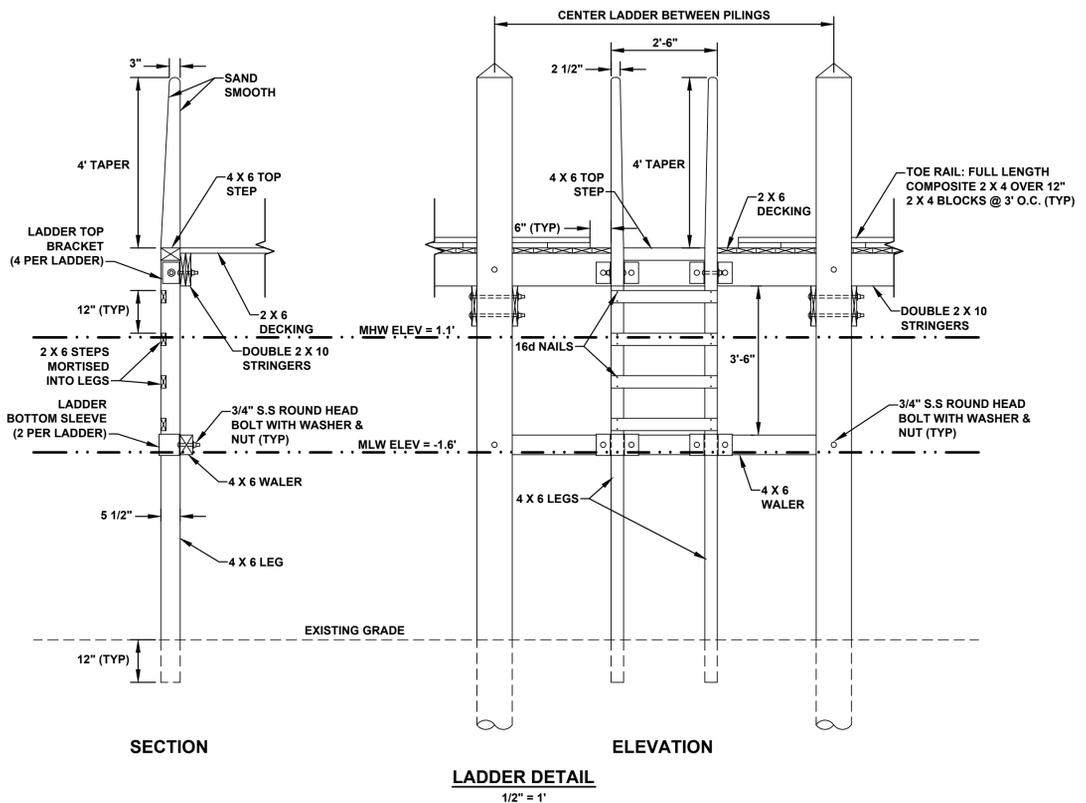
LIGHT-DUTY CONCRETE PAVEMENT SECTION
1/2" = 1'



HEAVY-DUTY CONCRETE PAVEMENT SECTION
1/2" = 1'



BRACKET AND SLEEVE DETAILS
1" = 1'



SECTION

ELEVATION

LADDER DETAIL
1/2" = 1'

PROJECT NO. 20141056
LATITUDE: 37° 05' 46"
LONGITUDE: 76° 17' 40"
DATE: 5/26/2015
DRAWN BY: ASK
CHECKED BY: ASK

