

A G E N D A
JAMES CITY COUNTY CHESAPEAKE BAY BOARD
REGULAR MEETING
County Government Center, Building F
February 8, 2023
5:00 PM

A. CALL TO ORDER

B. ROLL CALL

C. MINUTES

1. Minutes from the January 5, 2023 Special Meeting
2. Minutes for January 11, 2023 Chesapeake Bay Board Meeting

D. PUBLIC HEARINGS

1. CBPA-22-0159 : 9801 York River Park Road
2. CBPA-22-0150 : 112 Discovery Lane

E. BOARD CONSIDERATIONS

F. MATTERS OF SPECIAL PRIVILEGE

G. ADJOURNMENT

ITEM SUMMARY

DATE: 2/8/2023
TO: Chesapeake Bay Board
FROM: Trevor Long, Chesapeake Bay Board Secretary
SUBJECT: Minutes from the January 5, 2023 Special Meeting

ATTACHMENTS:

	Description	Type
▣	Minutes from the January 5, 2023 Special Meeting	Minutes

REVIEWERS:

Department	Reviewer	Action	Date
Chesapeake Bay Group	Small, Toni	Approved	2/1/2023 - 4:24 PM
Chesapeake Bay Group	Small, Toni	Approved	2/1/2023 - 4:25 PM
Publication Management	Daniel, Martha	Approved	2/1/2023 - 4:27 PM
Chesapeake Bay Group	Secretary, ChesBay	Approved	2/1/2023 - 4:48 PM

MINUTES
JAMES CITY COUNTY CHESAPEAKE BAY BOARD/WETLANDS BOARD
WORK SESSION
County Government Center, Building D
January 5, 2023
5:00 PM

A. CALL TO ORDER

The Wetlands and Chesapeake Bay Board Joint Worksession for January 5, 2023 was called to order.

The responsibility of this Board is to carry out locally the Commonwealth policy to preserve the wetlands and to accommodate economic activity so as to prevent its despoliation.

The responsibility of this Board is to carry out locally the Commonwealth policy to protect against and minimize pollution and deposition of sediment in wetlands, streams, and lakes in James City County, which are tributaries of the Chesapeake Bay.

B. ROLL CALL

Board Members Present:

Halle Dunn, Chairman
Charles Roadley, Vice Chair
Scott Maye
Leslie Bowie, Alternate

Board Members Absent:

Larry Waltrip
Michael O'Brien

Other Staff Present:

Toni Small, Director, Stormwater and Resource Protection
Michael Woolson, Resource Protection Section Chief, Stormwater and Resource Protection
Robin Benedict, Watershed Planner, Stormwater and Resource Protection
Trevor Long, Watershed Planner, Stormwater and Resource Protection
Joshua Everard, Assistant County Attorney, County Attorney's Office

C. PRESENTATIONS

1. Board Procedures

Mr. Joshua Everard, Assistant County Attorney, presented information regarding board procedures for the Wetlands and Chesapeake Bay Boards.

Discussion for the clarification of these processes ensued.

2. Lots Heavily Impacted by RPA

Mr. Trevor Long, Watershed Planner, presented information regarding lots heavily impacted by the Resource Protection Area. Discussion regarding future procedure for these lots followed.

3. Living Shoreline Guidance

Mr. Trevor Long, Watershed Planner, presented the most recent shoreline guidance from The Department of Environmental Quality and the Virginia Marine Resource Commission.

4. Board Powers

Mr. Joshua Everard, Assistant County Attorney, presented information regarding powers of the board.

Discussion regarding how these powers impact procedure ensued.

5. County Staff Powers

Mr. Joshua Everard, Assistant County Attorney, presented information regarding the powers of County staff.

D. ADJOURNMENT

A motion to Adjourn was made by Mr. Roadley and approved on a voice vote.

The meeting adjourned at 7:17 p.m.

ITEM SUMMARY

DATE: 2/8/2023
TO: Chesapeake Bay Board
FROM: Trevor Long, Chesapeake Bay Board Secretary
SUBJECT: Minutes for January 11, 2023 Chesapeake Bay Board Meeting

ATTACHMENTS:

	Description	Type
📎	Minutes	Minutes

REVIEWERS:

Department	Reviewer	Action	Date
Chesapeake Bay Group	Small, Toni	Approved	1/31/2023 - 4:48 PM
Chesapeake Bay Group	Small, Toni	Approved	1/31/2023 - 4:49 PM
Publication Management	Daniel, Martha	Approved	1/31/2023 - 4:55 PM
Chesapeake Bay Group	Secretary, ChesBay	Approved	2/1/2023 - 3:52 PM

MINUTES
JAMES CITY COUNTY CHESAPEAKE BAY BOARD
REGULAR MEETING
County Government Center, Building F
January 11, 2023
5:00 PM

A. CALL TO ORDER

The Chesapeake Bay Board meeting for January 11, 2023, was called to order.

The responsibility of this Board is to carry out locally the Commonwealth policy to protect against and minimize pollution and deposition of sediment in wetlands, streams, and lakes in James City County, which are tributaries of the Chesapeake Bay.

B. ROLL CALL

Board Members Present:

Charles Roadley, Chair
Halle Dunn
Michael O'Brien
Leslie Bowie, Alternate

Board Members Absent:

Scott Maye, Vice Chair
Larry Waltrip

Other Staff Present:

Toni Small, Director, Stormwater and Resource Protection
Michael Woolson, Resource Protection Section Chief, Stormwater and Resource Protection
Robin Benedict, Watershed Planner, Stormwater and Resource Protection
Trevor Long, Watershed Planner, Stormwater and Resource Protection
Joshua Everard, Assistant County Attorney, County Attorney's Office

C. MINUTES

1. Minutes for December 14, 2022 Regular Meeting

A motion to Approve the minutes was made by Mr. Dunn.

The minutes were approved on a voice vote.

D. PUBLIC HEARINGS

1. CBPA-22-0151 : 3011 Willow Spring Court

A motion to Approve w/ Conditions was made by Halle Dunn, the motion result was Passed.

AYES: 4 NAYS: 0 ABSTAIN: 0 ABSENT: 2

Ayes: Bowie, Dunn, O'Brien, Roadley

Absent: Maye, Waltrip

Ms. Robin Benedict, Watershed Planner, presented the exception request submitted by Mr. Carl Story, Williamsburg Landing, Inc., for encroachments into the Resource Protection Area (RPA) buffer for the replacement and expansion of a deck. The property is further identified as

James City County Parcel No. 4820100002. The presentation described the current and proposed site conditions. If the Board approved the request, staff asked that the suggested conditions be incorporated into the approval.

Staff clarified details of the plan, including that the applicant did not indicate intent to install a layer of gravel under the proposed deck.

Mr. Roadley opened the Public Hearing.

A. Mr. Carl Story, Williamsburg Landing, Inc., 5700 Williamsburg Landing Drive, explained the intent for the proposed deck expansion and clarified that a layer of gravel will be installed under the deck.

Mr. Roadley closed the Public Hearing.

2. CBPA-22-0119 : 9101 Six Mount Zion Road

A motion to Approve w/ Conditions was made by Michael O'Brien, the motion result was Passed.

AYES: 3 NAYS: 1 ABSTAIN: 0 ABSENT: 2

Ayes: Bowie, O'Brien, Roadley

Nays: Dunn

Absent: Maye, Waltrip

Mr. Trevor Long, Watershed Planner, presented the exception request submitted by Mr. Jeff Huentelman, Land Planning Solutions Inc., on behalf of MCP Stonehouse, LLC, c/o Mandrake Capital Partners, for encroachments into the RPA buffer for the site grading associated with the development of Stonehouse Tract 10A. The property is further identified as James City County Tax Map Parcel No. 0540100002. The presentation described the current and proposed site conditions. If the Board approved the request, staff asked that the suggested conditions be incorporated into the approval.

Staff clarified details of the plan including information about the revegetation of the site and explanation of intent for the proposed site grading.

Mr. Roadley opened the Public Hearing.

A. Mr. Jeff Huentelman, Land Planning Solutions, Inc., 1403 Greenbrier Parkway, Chesapeake, Virginia, offered further details about the plan, especially as it relates to concurrent development by MCP Stonehouse, LLC at an abutting parcel. Mr. Huentelman also clarified the area of land that will remain undeveloped and recorded as natural open space at the site. In response to inquiries from the Board, Mr. Huentelman also offered explanation of details included on a map of the site that are not directly involved with the plan.

Mr. Roadley closed the Public Hearing.

Mr. Dunn expressed concern that, as the report from staff indicated, encroaching into the RPA is not the only option available to the applicant for completion to the proposed development.

The Board continued discussion of the pros and cons of the request.

3. CBPA-22-0154 : 130 Jameswood

A motion to Approve w/ Conditions was made by Halle Dunn, the motion result was Passed.

AYES: 4 NAYS: 0 ABSTAIN: 0 ABSENT: 2

Ayes: Bowie, Dunn, O'Brien, Roadley

Absent: Maye, Waltrip

Ms. Robin Benedict, Watershed Planner, presented the exception request submitted by Mr. Daniel Gasink, for encroachments into the RPA for the construction of a patio and installation of a hot tub. The property is further identified as James City County Tax Map Parcel No. 4510400082. The presentation described the current and proposed site conditions. If the Board approved the request, staff asked that the suggested conditions be incorporated into the approval.

Mr. Dunn opened the Public Hearing.

A. Mr. Daniel Gasink, 130 Jameswood, offered further details of the history of the project, including that he had called the James City County permit office to inquire about patio and hot tub installation requirements prior to installation, and that the project did not disturb any existing vegetation.

Mr. Dunn closed the Public Hearing.

The Board discussed the pros and cons of the request.

4. CBPA-22-0120 : 108 Murcar

A motion to Approve w/ Conditions was made by Michael O'Brien, the motion result was Passed.

AYES: 4 NAYS: 0 ABSTAIN: 0 ABSENT: 2

Ayes: Bowie, Dunn, O'Brien, Roadley

Absent: Maye, Waltrip

Ms. Robin Benedict/Mr. Trevor Long, Watershed Planner, presented the exception request submitted by Mr. Chase Grogg, LandTech Resources, Inc., on behalf of Mr. Daniel McCormick, for encroachments into the RPA buffer for the construction of a single-family dwelling. The property is further identified as James City County Parcel No. 3710800077. The presentation described the current and proposed site conditions. If the Board approved the request, staff asked that the suggested conditions be incorporated into the approval.

Staff clarified details of the plan, including description of the wetlands at the site and of the nearby stormwater Best Management Practices (BMP) facility.

Mr. Dunn opened the Public Hearing.

A. Mr. Chase Grogg, LandTech Resources, Inc., 205 Bulifants Boulevard, Suite E, offered further details of the plan, including explanation of the location of the proposed house and driveway and the expected drainage path at the site.

Mr. Dunn closed the Public Hearing.

Staff clarified for the Board that had the lot been platted after 2004, instead of in 2000 when it was, the plat would have included an area of RPA buffer.

Mr. Roadley clarified his inquiry about the lot's platting by expressing that more detailed delineation of the wetlands in the area near the site would have yielded a more precise and accurate RPA buffer delineation.

The Board continued to deliberate the pros and cons of the request.

Mr. Roadley reopened the Public Hearing.

A. Mr. Grogg clarified the intent for the proposed infiltration trench's location.

Mr. Dunn closed the Public Hearing.

Mr. O'Brien concurred with the plan's details as the most optimal for the site conditions.

Mr. Roadley expressed concern at the plan's dissonance with the intent of the Chesapeake Bay Preservation Act while also recognizing that there will not be active detriment to water quality.

E. BOARD CONSIDERATIONS

None.

F. MATTERS OF SPECIAL PRIVILEGE

None.

G. ADJOURNMENT

A motion to Adjourn was made by Mr. Roadley and approved on a voice vote.

The meeting adjourned at 6:26p.m.

ITEM SUMMARY

DATE: 2/8/2023

TO: Chesapeake Bay Board

FROM: Trevor Long, Chesapeake Bay Board Secretary

SUBJECT: CBPA-22-0159 : 9801 York River Park Road

CBPA-22-0159: Mr. Anthony Loubier and Mr. Vikrant Desai, VHB, have applied for a Chesapeake Bay Exception on behalf of Commonwealth of Virginia Division of Parks for encroachments into the RPA buffer for the construction of a new ADA accessible parking space on property located at 9801 York River Park Road, JCC Parcel No. 0830100002.

ATTACHMENTS:

	Description	Type
☐	Staff Report	Staff Report
☐	Resolution to Approve	Resolution
☐	Resolution to Deny	Resolution
☐	Site Plan	Resolution
☐	APO List	Backup Material
☐	APO Letter	Backup Material
☐	Gazette Ad	Backup Material

REVIEWERS:

Department	Reviewer	Action	Date
Chesapeake Bay Group	Small, Toni	Approved	1/31/2023 - 4:48 PM
Chesapeake Bay Group	Small, Toni	Approved	1/31/2023 - 4:49 PM
Publication Management	Pobiak, Amanda	Approved	1/31/2023 - 4:53 PM
Chesapeake Bay Group	Secretary, ChesBay	Approved	2/1/2023 - 3:52 PM

**CHESAPEAKE BAY BOARD EXCEPTION No. CBPA-22-0159. 9801 York River Park Road
Staff Report for the February 8, 2023, Chesapeake Bay Board Public Hearing**

This staff report is prepared by the James City County Stormwater and Resource Protection to provide information to the Chesapeake Bay Board to assist them in making a recommendation on this assessment. It may be useful to members of the general public interested in this assessment.

EXISTING SITE DATA AND INFORMATION

Applicant: Commonwealth of Virginia Division of Parks

Agents: Mr. Anthony Loubier and Mr. Vikrant Desai, Vanasse Hangen Brustlin, Inc. (VHB)

Location: 9801 York River Park Road, York River State Park, Croaker Landing

Parcel Identification No.: 0830100002

Parcel: York River State Park W-Lot, Includes Croaker Road Boat Ramp

Lot Size: 3,000 acres

Project Area: 10.49 acres

Area of Project in Resource Protection Area (RPA): 10.49 acres (100%)

Watershed: Skimino Creek (YO65)

Floodplain: Zone AE - Base flood elevation 8 feet

Proposed Activity: Construction of a new ADA parking space

Impervious Cover: 430 square feet

RPA Encroachment: 0 square feet, seaward 50-foot RPA
430 square feet, landward 50-foot RPA

Staff Contact: Trevor A. Long, Watershed Planner Phone: 253-6789

BRIEF SUMMARY AND DESCRIPTION OF ACTIVITIES

Mr. Anthony Loubier and Mr. Vikrant Desai, VHB, have applied for a Chesapeake Bay Exception on behalf of the Commonwealth of Virginia Division of Parks for encroachments into the RPA buffer for the construction of a new ADA parking space located at 9801 York River Park Road within the Skimino Creek watershed. The property is further identified as James City County Tax Map Parcel No. 0830100002. The parcel was platted in 1969, prior to the adoption of the Chesapeake Bay Preservation Ordinance in 1990.

The total lot size of this property is 3,000 acres. The project area associated with this exception request equates to approximately 10.49 acres of which 100% is located within the RPA. The applicant is proposing to construct a new ADA parking space next to the existing boat ramp and pier. The applicant will also be repairing the existing boat ramp and pier, which will occur in tidal wetlands and is outside the jurisdiction of the James City County Local Wetlands Board. Total impacts to the RPA associated with this proposal equate to 430 square feet of impacts to the landward 50-foot RPA. Required mitigation for this amount of impervious impacts equals one planting unit (one canopy tree, two understory trees, and three shrubs).

STAFF EVALUATION

Staff has evaluated the application and exception request for the construction of a new ADA parking space. This application meets the Ordinance conditions in Sections 23-11 and 23-14 and should be heard by the Board because the proposed ADA parking spot occurs within the RPA and is not water dependent in nature.

CONSIDERATION BY THE CHESAPEAKE BAY BOARD

The Board may grant exceptions to Section 23-7 if the application meets the following five conditions:

1. The exception request is the minimum necessary to afford relief; and
2. Granting the exception will not confer upon the Applicant any special privileges denied by Chapter 23, Chesapeake Bay Preservation, of the James City County Code, to other property owners similarly situated in the vicinity; and
3. The exception request will be in harmony with the purpose and intent of Chapter 23 of the James City County Code and is not of substantial detriment to water quality; and
4. The exception request is not based on conditions or circumstances that are self-created or self-imposed, nor does the request arise from conditions or circumstances, either permitted or non-conforming that are related to adjacent parcels; and
5. Reasonable and appropriate conditions are imposed which will prevent the exception request from causing a degradation of water quality.

STAFF RECOMMENDATIONS

Staff has reviewed the application and exception request and has determined the impacts associated with the proposal to be minor for the proposed development. Staff recommends approval for this exception request and if the Board wishes to approve the request, staff recommends the following conditions be incorporated into the approval:

1. The Applicant must obtain all other necessary federal, state, and local permits as required for the project; and
2. The Applicant must submit a mitigation plan equating to one planting unit (one canopy tree, two understory trees, and three shrubs) be submitted prior to commencement of work; and
3. The Applicant must submit a surety equating to \$500 prior to the commencement of work; and
4. This exception request approval will become null and void if construction has not begun by February 8, 2024; and
5. Written requests for an extension to an exception must be submitted to the Stormwater and Resource Protection Division no later than December 28, 2023, six weeks prior to the expiration date.

TAL/md
CBPA22-159_9801YRPk

Attachments:

1. Resolution
2. Site Plan

RESOLUTION

CASE NO. CBPA-22-0159. 9801 YORK RIVER PARK ROAD

JAMES CITY COUNTY CHESAPEAKE BAY PRESERVATION ORDINANCE EXCEPTION

WHEREAS, Mr. Anthony Loubier and Mr. Vikrant Desai, Vanasse Hangen Brustlin, Inc. (VHB), on behalf of the Commonwealth of Virginia Division of Parks (the “Applicant”), has applied to the Chesapeake Bay Board of James City County (the “Board”) on February 8, 2023, to request an exception to use the Resource Protection Area on a parcel of property identified as James City County Real Estate Tax Map Parcel No. 0830100002 and further identified as 9801 York River Park Road as set forth in the application CBPA-22-0159 for the purpose of constructing a new ADA parking space; and

WHEREAS, the Board has heard the arguments presented and carefully considered all evidence entered into the record.

NOW, THEREFORE, BE IT RESOLVED that the Chesapeake Bay Board of James City County, Virginia, following a public hearing, finds that the application meets all the requirements for an exception to the Chesapeake Bay Preservation Ordinance and therefore **APPROVES** the exception request for Chesapeake Bay Board Case No. CBPA-22-0159, subject to the following conditions:

1. The Applicant must obtain all other necessary federal, state, and local permits as required for the project; and
2. The Applicant must submit a mitigation plan equating to one planting unit (one canopy tree, two understory trees, and three shrubs) be submitted prior to commencement of work; and
3. The Applicant must submit a surety equating to \$500 prior to the commencement of work; and
4. This exception request approval will become null and void if construction has not begun by February 8, 2024; and
5. Written requests for an extension to an exception must be submitted to the Stormwater and Resource Protection Division no later than December 28, 2023, six weeks prior to the expiration date.

Halle Dunn
Chairman, Wetlands Board

Trevor A. Long
Secretary to the Board

Adopted by the Chesapeake Bay Board of James City County, Virginia, this 8th day of February, 2023.

RESOLUTION

CASE NO. CBPA-22-0159. 9801 YORK RIVER PARK ROAD

JAMES CITY COUNTY CHESAPEAKE BAY PRESERVATION ORDINANCE EXCEPTION

WHEREAS, Mr. Anthony Loubier and Mr. Vikrant Desai, Vanasse Hangen Brustlin, Inc. (VHB), on behalf of the Commonwealth of Virginia Division of Parks (the “Applicant”), has applied to the Chesapeake Bay Board of James City County (the “Board”) on February 8, 2023, to request an exception to use the Resource Protection Area on a parcel of property identified as James City County Real Estate Tax Map Parcel No. 0830100002 and further identified as 9801 York River Park Road as set forth in the application CBPA-22-0159 for the purpose of constructing a new ADA parking space; and

WHEREAS, the Board has heard the arguments presented and carefully considered all evidence entered into the record.

NOW, THEREFORE, BE IT RESOLVED that the Chesapeake Bay Board of James City County, Virginia, following a public hearing, finds that the application does not meet all the requirements for an exception to the Chesapeake Bay Preservation Ordinance and therefore **DENIES** the exception request for Chesapeake Bay Board Case No. CBPA-22-0159.

Halle Dunn
Chairman, Wetlands Board

Trevor A. Long
Secretary to the Board

Adopted by the Chesapeake Bay Board of James City County, Virginia, this 8th day of February, 2023.

CBPA22-159_9801YRPkDeny-res

Saved Wednesday, February 16, 2022 5:30:52 PM VDESAI Plotted Thursday, June 23, 2022 4:14:07 PM Vlcant Dcsai

YORK RIVER STATE PARK

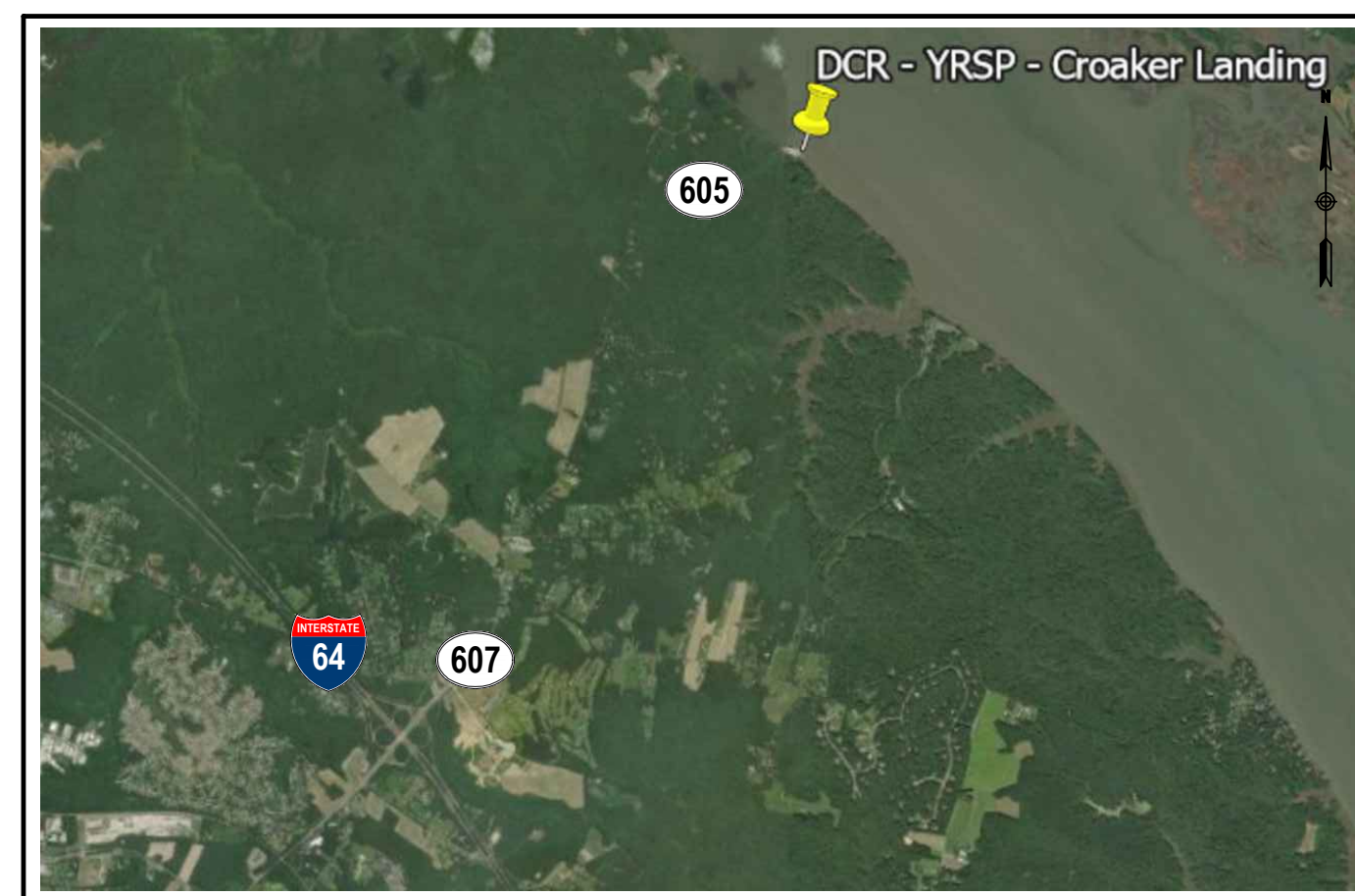
BOAT RAMP PIER REPLACEMENT AND DREDGING

VIRGINIA DEPARTMENT OF CONSERVATION AND RECREATION

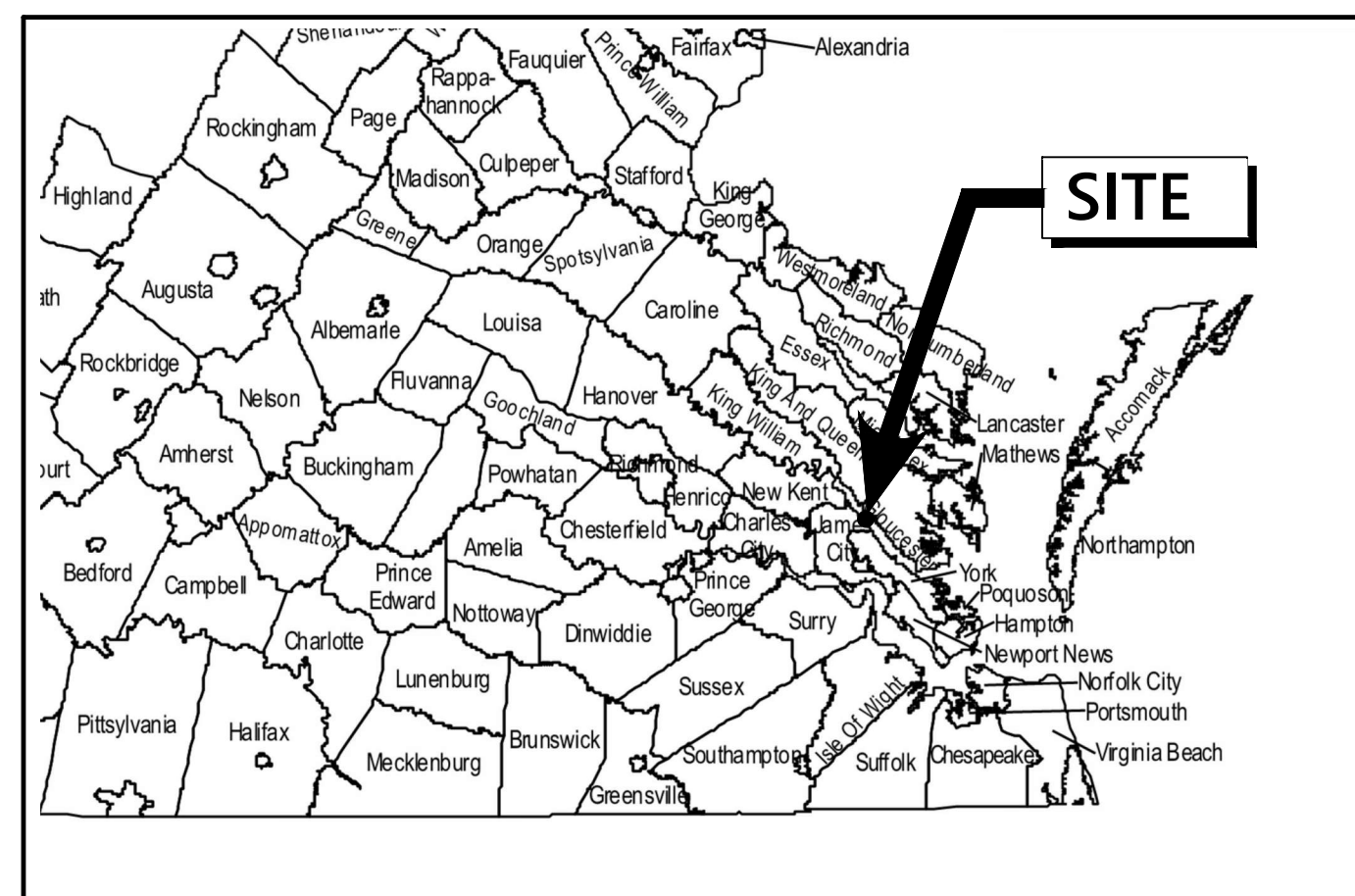
DEB PROJECT No. 199-B1199-009

DCR PROJECT No. 199-16646 (B27)

JAMES CITY COUNTY, VIRGINIA



LOCATION MAP NOT TO SCALE



VICINITY MAP NOT TO SCALE

SHEET INDEX

SHEET NUMBER	SUBSHEET NUMBER	SHEET NAME
1	T1	TITLE SHEET
2	C1	CONSTRUCTION NOTES
3	C2	DEMOLITION PLAN
4	C3	SITE PLAN
5	C4	PIER SECTIONS
6	C5	PIER SECTIONS
7	C6	PIER FRAMING PLANS & DETAILS
8	C7	PIER DETAILS
9	C8	SITE DETAILS
10	C9	DREDGING PLAN
11	C10	DREDGING PLAN & NOTES
12	C11	DREDGING SECTIONS
13	C12	BORING LOGS
	R1	ALUMINUM GANGWAY (FOR INFORMATIONAL PURPOSES ONLY)
	R2	FLOATING DOCK (FOR INFORMATIONAL PURPOSES ONLY)
	Sv-1 - Sv-5	EXISTING CONDITIONS PLAN OF LAND

Project Information

COMPONENT AREAS:	NORTH TIMBER FIXED PIER: 925 SF CENTER TIMBER FIXED PIER: 166 SF SOUTH TIMBER FIXED PIER: 925 SF ALUMINUM GANGWAY: 180 SF FLOATING DOCK: 252 SF
USER GROUP:	GROUP "U" - UTILITY
CONSTRUCTION TYPE:	VB
OCCUPANT LOAD:	NORTH TIMBER FIXED PIER: 61 PEOPLE CENTER TIMBER FIXED PIER: 11 PEOPLE SOUTH TIMBER FIXED PIER: 61 PEOPLE GANGWAY: 12 PEOPLE FLOATING DOCK: 16 PEOPLE

Applicable Codes & Reference Standards

APPLICABLE CODE:	2018 VIRGINIA CONSTRUCTION CODE (VCC) 2018 VIRGINIA UNIFORM STATEWIDE BUILDING CODE (VUSBC) 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN (SEPTEMBER 15, 2010) CONSTRUCTION AND PROFESSIONAL SERVICES MANUAL (CPSM), 2021 EDITION, REV. 0
APPLICABLE REFERENCE:	2010 ADA STANDARDS FOR ACCESSIBLE DESIGN

Project Information

Issuing Agency: DEPARTMENT OF CONSERVATION AND RECREATION DIVISION OF PLANNING AND RECREATION RESOURCES 600 E. MAIN STREET 17TH FLOOR RICHMOND, VA 23219 CONTRACTING OFFICER: DANIEL COX CAPITAL OUTLAY PROJECT MANAGER VIRGINIA DCR 600 E. MAIN STREET, 24TH FLOOR RICHMOND, VA 23219 TEL. 804.786.7966 (OFFICE) TEL. 804.513.2608 (CELL)	Prime Consultant: VHB (VANASSE HANGEN BRUSTLIN, INC) 351 McLAWS CIRCLE SUITE 3 WILLIAMSBURG VA, 23185-6316 TEL. 757.220.0500 FAX. 757.903.2794	Geotechnical Report By: DRAPER ADEN ASSOCIATES 8090 VILLA PARK DRIVE RICHMOND, VA 23228 TEL. 804.264.2228 FAX. 804.264.8773
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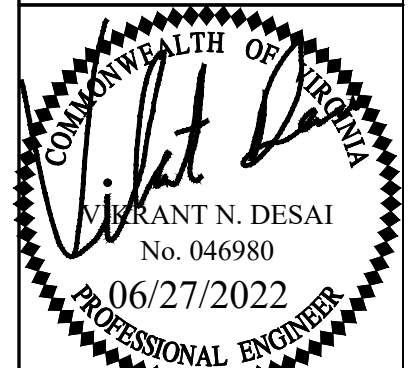
A QUALITY CONTROL/QUALITY ASSURANCE CHECK HAS BEEN MADE ON THIS PROJECT'S DOCUMENTS AND CORRECTIONS HAVE BEEN MADE. THE UNDERSIGNED STATES THAT TO THE BEST OF HIS KNOWLEDGE THESE PLANS AND SPECIFICATIONS SUBMITTED FOR REVIEW ARE COMPLETE AND READY FOR CONSTRUCTION.

SIGNED:



BEFORE YOU DIG ANYWHERE IN VIRGINIA! CALL 811 (IN VIRGINIA) 1-800-552-7001 (OUTSIDE VIRGINIA)
VA LAW REQUIRES 3 WORKING DAYS NOTICE BEFORE YOU EXCAVATE.

WORKING DRAWINGS

 Engineers-Scientists-Planners-Designers 351 McLaws Circle, Suite 3 Williamsburg, Virginia 23185 757.220.0500 • FAX 757.220.8544	Date: June 27, 2022 DEB Project #: 199-B1199-009 DCR Project #: 199-16646 (B27) Designed By: VND Drawn By: VND Checked By: CF/TH
	
Yokr River State Park Boat Ramp Pier Replacement and Dredging Stafford County, Virginia DRAWING TITLE: Title Sheet	
T1	

General Notes

General

- ALL WORK SHALL BE IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE VIRGINIA WORK AREA PROTECTION MANUAL, V.D.O.T. ROAD AND BRIDGE STANDARDS, SPECIFICATIONS, AND SOIL AND AGGREGATE COMPACTION MANUAL, THE 2010 ADA STANDARDS FOR ACCESSIBILITY GUIDELINES, AND THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK.
- THE "MISS UTILITY LAW" REQUIRES FOR THE CONTRACTOR TO CALL 811 AT LEAST 3 WORKING DAYS IN ADVANCE OF THE PLANNED WORK TO ALLOW TIME FOR MARKING, THAT THE MARKS BE RESPECTED AND PROTECTED, AND THAT EXCAVATION BE COMPLETED CAREFULLY.
- CONTRACTOR SHALL BE RESPONSIBLE FOR SITE SECURITY AND JOB SAFETY. CONSTRUCTION ACTIVITIES SHALL BE IN ACCORDANCE WITH OSHA STANDARDS AND LOCAL REQUIREMENTS.
- ACCESSIBLE ROUTES, PARKING SPACES AND WALKWAYS SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE FEDERAL AMERICANS WITH DISABILITIES ACT AND WITH STATE AND LOCAL LAWS AND REGULATIONS, WHICHEVER ARE MORE STRINGENT.
- AREAS DISTURBED DURING CONSTRUCTION AND NOT RESTORED WITH IMPERVIOUS SURFACES (BUILDINGS, PAVEMENTS, WALKS, ETC) SHALL FOLLOW DETAIL PROVIDED BY VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK FOR SITE SPECIFIC SEEDING MIXTURES IN ACCORDANCE WITH STANDARD & SPECIFICATION 3.32.
- WORK WITHIN THE LOCAL RIGHTS-OF-WAY SHALL CONFORM TO LOCAL MUNICIPAL STANDARDS. WORK WITHIN STATE RIGHTS-OF-WAY SHALL CONFORM TO THE LATEST EDITION OF THE STATE HIGHWAY DEPARTMENTS STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES.
- UPON AWARD OF CONTRACT, CONTRACTOR SHALL MAKE NECESSARY CONSTRUCTION NOTIFICATIONS AND APPLY FOR AND OBTAIN NECESSARY PERMITS, PAY FEES, AND POST BONDS ASSOCIATED WITH THE WORK INDICATED ON THE DRAWINGS, IN THE SPECIFICATIONS, AND IN THE CONTRACT DOCUMENTS. DO NOT CLOSE OR OBSTRUCT ROADWAYS, SIDEWALKS, AND FIRE HYDRANTS, WITHOUT APPROPRIATE PERMITS.
- TRAFFIC SIGNAGE AND PAVEMENT MARKINGS SHALL CONFORM TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
- AREAS OUTSIDE THE LIMITS OF PROPOSED WORK DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED BY THE CONTRACTOR TO THEIR ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.
- IN THE EVENT THAT SUSPECTED CONTAMINATED SOIL, GROUNDWATER, AND OTHER MEDIA ARE ENCOUNTERED DURING EXCAVATION AND CONSTRUCTION ACTIVITIES BASED ON VISUAL, OLFACTORY, OR OTHER EVIDENCE, THE CONTRACTOR SHALL STOP WORK IN THE VICINITY OF THE SUSPECT MATERIAL TO AVOID FURTHER SPREADING OF THE MATERIAL, AND SHALL NOTIFY THE OWNER IMMEDIATELY SO THAT THE APPROPRIATE TESTING AND SUBSEQUENT ACTION CAN BE TAKEN.
- CONTRACTOR SHALL PREVENT DUST, SEDIMENT, AND DEBRIS FROM EXITING THE SITE AND SHALL BE RESPONSIBLE FOR CLEANUP, REPAIRS AND CORRECTIVE ACTION IF SUCH OCCURS.
- DAMAGE RESULTING FROM CONSTRUCTION LOADS SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO OWNER.
- CONTRACTOR SHALL CONTROL STORMWATER RUNOFF DURING CONSTRUCTION TO PREVENT ADVERSE IMPACTS TO OFF SITE AREAS, AND SHALL BE RESPONSIBLE TO REPAIR RESULTING DAMAGES, IF ANY, AT NO COST TO OWNER.

Layout and Materials

- DIMENSIONS ARE FROM THE FACE OF CURB, FACE OF BUILDING, FACE OF WALL, AND CENTER LINE OF PAVEMENT MARKINGS, UNLESS OTHERWISE NOTED.
- PROPOSED BOUNDS AND ANY EXISTING PROPERTY LINE MONUMENTATION DISTURBED DURING CONSTRUCTION SHALL BE SET OR RESET BY A PROFESSIONAL LICENSED SURVEYOR.
- PRIOR TO START OF CONSTRUCTION, CONTRACTOR SHALL VERIFY EXISTING PAVEMENT ELEVATIONS AT INTERFACE WITH PROPOSED PAVEMENTS, AND EXISTING GROUND ELEVATIONS ADJACENT TO DRAINAGE OUTLETS TO ASSURE PROPER TRANSITIONS BETWEEN EXISTING AND PROPOSED FACILITIES.
- SYMBOLS AND LEGENDS OF PROJECT FEATURES ARE GRAPHIC REPRESENTATIONS AND ARE NOT NECESSARILY SCALED TO THEIR ACTUAL DIMENSIONS OR LOCATIONS ON THE DRAWINGS. THE CONTRACTOR SHALL REFER TO THE DETAIL SHEET DIMENSIONS, MANUFACTURERS' LITERATURE, SHOP DRAWINGS, AND FIELD MEASUREMENTS OF SUPPLIED PRODUCTS FOR LAYOUT OF THE PROJECT FEATURES.
- CONTRACTOR SHALL NOT RELY SOLELY ON ELECTRONIC VERSIONS OF PLANS, SPECIFICATIONS, AND DATA FILES THAT ARE OBTAINED FROM THE DESIGNERS, BUT SHALL VERIFY LOCATION OF PROJECT FEATURES IN ACCORDANCE WITH THE PAPER COPIES OF THE PLANS AND SPECIFICATIONS THAT ARE SUPPLIED AS PART OF THE CONTRACT DOCUMENTS.

Demolition

- CONTRACTOR SHALL REMOVE AND DISPOSE OF EXISTING MANMADE SURFACE FEATURES WITHIN THE LIMIT OF WORK INCLUDING STRUCTURES, PAVEMENTS, SLABS, CURBING, FENCES, UTILITY POLES, SIGNS, ETC. UNLESS INDICATED OTHERWISE ON THE DRAWINGS.
- CONTRACTOR SHALL DISPOSE OF DEMOLITION DEBRIS IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS, ORDINANCES AND STATUTES.
- THE DEMOLITION LIMITS DEPICTED IN THE PLANS IS INTENDED TO AID THE CONTRACTOR DURING THE BIDDING AND CONSTRUCTION PROCESS AND IS NOT INTENDED TO DEPICT EACH AND EVERY ELEMENT OF DEMOLITION. THE CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING THE DETAILED SCOPE OF DEMOLITION BEFORE SUBMITTING ITS BID/PROPOSAL TO PERFORM THE WORK AND SHALL MAKE NO CLAIMS AND SEEK NO ADDITIONAL COMPENSATION FOR CHANGED CONDITIONS OR UNFORESEEN OR LATENT SITE CONDITIONS RELATED TO ANY CONDITIONS DISCOVERED DURING EXECUTION OF THE WORK.
- UNLESS OTHERWISE SPECIFICALLY PROVIDED ON THE PLANS OR IN THE SPECIFICATIONS, THE ENGINEER HAS NOT PREPARED DESIGNS FOR AND SHALL HAVE NO RESPONSIBILITY FOR THE PRESENCE, DISCOVERY, REMOVAL, ABATEMENT OR DISPOSAL OF HAZARDOUS MATERIALS, TOXIC WASTES OR POLLUTANTS AT THE PROJECT SITE. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR ANY CLAIMS OF LOSS, DAMAGE, EXPENSE, DELAY, INJURY OR DEATH ARISING FROM THE PRESENCE OF HAZARDOUS MATERIAL AND CONTRACTOR SHALL INDEMNIFY AND HOLD HARMLESS THE ENGINEER FROM ANY CLAIMS MADE IN CONNECTION THEREWITH. MOREOVER, THE ENGINEER SHALL HAVE NO ADMINISTRATIVE OBLIGATIONS OF ANY TYPE WITH REGARD TO ANY CONTRACTOR AMENDMENT INVOLVING THE ISSUES OF PRESENCE, DISCOVERY, REMOVAL, ABATEMENT OR DISPOSAL OF ASBESTOS OR OTHER HAZARDOUS MATERIALS.

Erosion Control

- PRIOR TO STARTING ANY OTHER WORK ON THE SITE, THE CONTRACTOR SHALL NOTIFY APPROPRIATE AGENCIES AND SHALL INSTALL EROSION CONTROL MEASURES AS NEEDED AND AS IDENTIFIED IN FEDERAL, STATE AND LOCAL APPROVAL DOCUMENTS PERTAINING TO THIS PROJECT.
- CONTRACTOR SHALL CONDUCT INSPECTIONS OF DISTURBED AREAS OF THE CONSTRUCTION SITE AND AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION THAT HAVE NOT BEEN FINALLY STABILIZED. STRUCTURAL CONTROL MEASURES, AND LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE SHALL BE CONDUCTED AT LEAST ONCE EVERY FIVE BUSINESS DAYS OR AT LEAST ONCE EVERY TEN BUSINESS DAYS AND NO LATER THAN 48 HOURS FOLLOWING A MEASURABLE STORM EVENT. IN THE EVENT THAT A MEASURABLE STORM EVENT OCCURS WHEN THERE ARE MORE THAN 48 HOURS BETWEEN BUSINESS DAYS, THE INSPECTION SHALL BE CONDUCTED NO LATER THAN THE NEXT BUSINESS DAY.
- CONTRACTOR SHALL INSPECT AND MAINTAIN EROSION CONTROL MEASURES, AND REMOVE SEDIMENT THEREFROM AND DISPOSE OF SEDIMENTS IN AN UPLAND AREA SUCH THAT THEY DO NOT ENCLUMBER OTHER DRAINAGE STRUCTURES AND PROTECTED AREAS.
- CONTRACTOR SHALL BE FULLY RESPONSIBLE TO CONTROL CONSTRUCTION SUCH THAT SEDIMENTATION SHALL NOT AFFECT REGULATORY PROTECTED AREAS, WHETHER SUCH SEDIMENTATION IS CAUSED BY WATER, WIND OR DIRECT DEPOSIT.
- CONTRACTOR SHALL PERFORM CONSTRUCTION SEQUENCING SUCH THAT EARTH MATERIALS ARE EXPOSED FOR A MINIMUM OF TIME BEFORE THEY ARE COVERED, SEEDED OR OTHERWISE STABILIZED TO PREVENT EROSION.
- UPON COMPLETION OF CONSTRUCTION AND ESTABLISHMENT OF PERMANENT GROUND COVER, CONTRACTOR SHALL REMOVE AND DISPOSE OF EROSION CONTROL MEASURES AND CLEAN SEDIMENT AND DEBRIS FROM ENTIRE DRAINAGE AND SEWER SYSTEMS.

Existing Conditions Information

- NO TITLE REPORT WAS FURNISHED, THEREFORE ALL ENCUMBRANCES UPON THE PROPERTY MAY NOT BE SHOWN.
- HORIZONTAL AND VERTICAL DATUM BASED ON TOPNET LIVE RTK NETWORK. HORIZONTAL DATUM- VIRGINIA STATE PLANE SOUTH ZONE NAD 83 (2011). VERTICAL DATUM: MLW (NAVVD 88 CONVERTED) TO MLW USING DIAGRAM OF DATUM PLANE PROVIDED BY WATERWAY SURVEYS & ENGINEERING, LTD.)
- ELEVATIONS SHOWN BELOW THE MEAN LOW WATER LINE BASED ON SURVEY TITLED "CONDITION SURVEY CROAKER LANDING", DATED JULY 2021 PREPARED BY WATERWAY SURVEYS & ENGINEERING, LTD. AND SEALED BY ROBERT L. TALIAFERRO DATED JULY 28, 2021.

Bathymetric Survey Information

- ELEVATIONS WERE TAKEN USING A RECORDING FATHOMETER OPERATING AT 208KHZ AND A DIFFERENTIAL GLOBAL POSITIONING SYSTEM (DGPS) WAS USED TO OBTAIN HORIZONTAL POSITIONS. ELEVATIONS WERE TAKEN ON JULY 20, 2021.
- BENCHMARK IS ARMY CORPS OF ENGINEERS BRASS DISK STAMPED "ABE, 1981" LOCATED AT THE NORTH END OF CONCRETE RAMP. ELEVATION = 4.18' ABOVE NOS MLLW 1985-2001.
- COORDINATES ARE IN U.S. SURVEY FEET REFERRED TO THE VIRGINIA STATE GRID (SOUTH ZONE) BASED ON NAD83.

Document Use

- THESE PLANS AND CORRESPONDING CADD DOCUMENTS ARE INSTRUMENTS OF PROFESSIONAL SERVICE, AND SHALL NOT BE USED, IN WHOLE OR IN PART, FOR ANY PURPOSE OTHER THAN FOR WHICH IT WAS CREATED WITHOUT THE EXPRESSED, WRITTEN CONSENT OF VHB. ANY UNAUTHORIZED USE, REUSE, MODIFICATION OR ALTERATION, INCLUDING AUTOMATED CONVERSION OF THIS DOCUMENT SHALL BE AT THE USER'S SOLE RISK WITHOUT LIABILITY OR LEGAL EXPOSURE TO VHB.

Tending Pier Notes

General Notes

- THE CONTRACTOR SHALL PROVIDE ALL TEMPORARY GUYPING AND BRACING REQUIRED TO ERECT AND HOLD THE STRUCTURE IN PROPER ALIGNMENT UNTIL ALL STRUCTURAL MEMBERS ARE SECURED IN PLACE.
- THE CONTRACTOR SHALL VERIFY THE REQUIREMENTS OF OTHER TRADES AS TO RIPRAP, CONCRETE, ANCHOR HOLES, ETC. TO BE PLACED OR SET IN THE STRUCTURAL WORK.
- EDGES FOR ALL ALUMINUM COMPONENTS SHALL BE EASED SO THAT NO SHARP CORNERS ARE PRESENT. ALL BOLTS SHALL BE CUT OFF 1/2" FROM THE NUTS.

Timber Notes

- ALL TIMBER SHALL BE TREATED SOUTHERN PINE GRADE NO. 1 OR BETTER.
- ALL FRAMING TIMBER NOT EXPOSED TO HUMAN CONTACT SHALL RECEIVE CHROMATED COPPER ARSENATE (CCA) TREATMENT AT A RATE OF 2.5 PCF IN ACCORDANCE WITH AMERICAN WOOD PRESERVERS (AWPA) STANDARD C2.
- MEMBER SIZE SHALL BE STANDARD "DRESSED" DIMENSIONS FOR LUMBER AS SPECIFIED BY THE SOUTHERN PINE INSPECTION BUREAU (SPIB) 1994 GRADING RULES.
- ALL FRAMING SHALL BE TRUE AND EXACT.
- ALL CONNECTIONS AND FASTENERS SHALL BE CAPABLE OF DEVELOPING THE FULL CAPACITY OF THE STRUCTURAL MEMBERS ACCORDING TO THE NATIONAL DESIGN SPECIFICATION (NDS) FOR WOOD CONSTRUCTION AND NDS SUPPLEMENT.
- UNLESS OTHERWISE NOTED, ALL STEEL HARDWARE SHALL BE HOT DIPPED GALVANIZED. FASTENERS SHALL MEET ASTM A553. CONNECTORS FABRICATED FROM STEEL COIL (TYPICAL SIMPSON CONNECTORS) SHALL MEET ASTM A653.
- ALL THREADED RODS, IF USED FOR PILE CAP AND LATERAL BRACING TO PILE CONNECTIONS, SHALL CONFORM TO ASTM F593 GRADE 45 SPECIFICATIONS AND SHALL USE OGEE WASHERS, LOCK WASHERS AND NUTS ON EACH END.
- ALL BULL RAILS SHALL RECEIVE ALKALINE COPPER QUAT (ACQ) TREATMENT AT A RATE OF 0.6 PCF AND SHALL BE FASTENED USING STAINLESS STEEL SCREWS. ALL CONNECTIONS EXPOSED TO HUMAN CONTACT SHALL BE COUNTERSUNK.
- USE BOLTED CONNECTIONS FOR STRINGERS AND PILE CONNECTIONS. ALL BOLTS SHALL CONFORM TO THE REQUIREMENTS OF ASTM F593 UNLESS NOTED OTHERWISE. NUTS SHALL CONFORM TO THE REQUIREMENTS OF ASTM F594. WASHERS SHALL CONFORM TO THE REQUIREMENTS OF ASTM S5304 OR S5316.
- BOLTED FASTENERS SHALL NOT BE OVER TIGHTENED. LAG BOLT CONNECTIONS SHALL BE TIGHTENED SO THAT ELEMENTS COME TOGETHER WITHOUT STRIPPING OUT THE WOOD IN THE PRE-DRILLED HOLES. THROUGH BOLT CONNECTIONS SHALL BE TIGHTENED SO THAT WASHERS JUST START TO PRESS INTO THE WOOD SUBSTRATE. ALL THROUGH BOLT CONNECTIONS SHALL HAVE A FLAT WASHER ON BOTH SIDES AND LOCK WASHER UNDER ALL NUTS.
- ALL NAILS SHALL BE 12d STEEL RING SHANKED NAILS CONFORMING TO ASTM F593 UNLESS NOTED OTHERWISE. ALL LAG BOLTS SHALL COMPLY WITH THE REQUIREMENTS OF ANSI/ASME STANDARD B18.2.1, GRADE 2. ALL CONNECTIONS OR FRAMING NOT OTHERWISE DETAILED ON THE PLANS SHALL BE DESIGNED AND DETAILED BY THE CONTRACTOR. THE CONTRACTOR SHALL SUBMIT THEIR PROPOSED DETAILS FOR APPROVAL PRIOR TO BEGINNING THE WORK OR ORDERING MATERIALS.
- BLOCKING SHALL BE FASTENED WITH NAILS.
- NAILS AND SPIKES SHALL BE DRIVEN WITH THE HEADS COUNTERSUNK 1/16" BELOW THE SURFACE OF THE WOOD.
- CONTRACTOR SHALL SUBMIT REQUIRED SUBMITTALS (INCLUDING BUT NOT LIMITED TO PILES, TIMBER, HARDWARE, DECKING, ETC) FOR REVIEW AND APPROVAL PRIOR TO BEGINNING THE WORK.
- ALL EXPOSED TIMBER EDGES SHALL BE EASED.
- CUTS, ABRASIONS, NOTCHED MEMBERS, AND BOLT HOLES BORED AFTER PRESERVATIVE TREATMENT SHALL BE TREATED WITH A SIMILAR PRESERVATIVE AS THE TYPE USED TO TREAT THE PRODUCT. WHEN FIELD APPLICATIONS OF THE PRESERVATIVE ARE REQUIRED, THE MATERIALS SHALL BE FURNISHED, PREPARED, AND APPLIED IN ACCORDANCE WITH AWPA STANDARD M4. ALL DISTURBANCES TO THE SURFACE OF THE TREATED WOOD SHALL BE TREATED IN ACCORDANCE WITH SECTION 418 OF THE ROAD AND BRIDGE SPECIFICATIONS.
- HURRICANE TIES AND THEIR FASTENING CONNECTORS PER MANUFACTURER'S REQUIREMENTS SHALL BE HOT DIPPED GALVANIZED STEEL. ALL OTHER STEEL HARDWARE IN CONTACT WITH TIMBER PRESERVED WITH CCA SHALL BE HOT DIP GALVANIZED IN ACCORDANCE WITH VDOT SECTION 233. ALL CONNECTORS IN CONTACT WITH TIMBER TREATED WITH A PRESERVATIVE OTHER THAN CCA SHALL BE STAINLESS STEEL.
- DRILL ALL HOLES WITH A BIT 1/8" LARGER THAN THE REQUIRED BOLT DIAMETER.
- ALL DOUBLE 3"x8" "BUILT-UP" OUTSIDE STRINGERS SHALL BE NAILED TOGETHER WITH 12d GALVANIZED RING SHANK NAILS STAGGERED AT 12" O.C. BOTH ENDS OF THE DOUBLE 3"x8" STRINGERS SHALL BE STAGGERED A MINIMUM OF 4 FEET.
- 3"x8" STRINGERS SHALL BE TOE NAILED TO CROSS MEMBERS WITH 16d GALVANIZED RING SHANK NAILS, TWO NAILS PER STRINGER PER EACH SET OF PILES.
- CONTACT BETWEEN HOT DIPPED GALVANIZED MATERIALS AND STAINLESS STEEL MATERIAL IS PROHIBITED.
- MINIMUM 2" SPACING IS REQUIRED FROM EDGE OF MEMBER TO CENTER OF BOLT FOR ALL 3X8 MEMBERS. MINIMUM 3" SPACING IS REQUIRED FROM EDGE OF MEMBER TO CENTER OF BOLT FOR ALL 3X10 AND 3X12 MEMBERS.

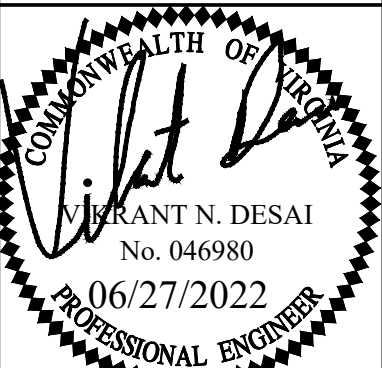
Timber Piling

- PILE INSTALLATION TOLERANCES SHALL BE IN ACCORDANCE WITH VDOT SPECIFICATIONS SECTION 236.02(B).
- PILES SHALL BE 12" DIAMETER MEETING THE ASTM D-25 SPECIFICATIONS.
- ALL TIMBER PILES SHALL RECEIVE CCA TREATMENT AT A RATE OF 2.5 PCF IN ACCORDANCE WITH AWPA STANDARD C18.
- GEOTECHNICAL REPORT TITLED, "GEOTECHNICAL ENGINEERING REPORT - YORK RIVER STATE PARK - CROAKER LANDING IMPROVEMENTS", DATED, OCTOBER 21, 2021 HAS BEEN FURNISHED FOR THIS PROJECT BY DRAPER ADEN ASSOCIATES.
- ALL PILES SHALL BE DRIVEN TO ELEVATION OF -32.0' MLW, OR AS SHOWN ON THE DRAWINGS.
- PILE DRIVING HAMMER SPECIFICATIONS SHALL BE SUBMITTED TO THE OWNER TO ASSESS PILE DRIVING SYSTEM SUITABILITY.
- PRIOR TO ORDERING PILES FOR THE ENTIRE PROJECT, CONTRACTOR SHALL ORDER AND INSTALL A MINIMUM OF FOUR CONTROL PILES. THE INTENT OF THE CONTROL PILES IS TO VERIFY THE INSTALLATION METHOD TO ACHIEVE THE MINIMUM PILE EMBEDMENT LENGTH & MODIFY THE FINAL PILE LENGTH ORDER. A PILE LOAD TEST WILL NOT BE REQUIRED.
- PILES SHALL BE IN ONE PIECE. SPLICES WILL NOT BE ALLOWED. PILES SHALL BE INSTALLED SO AXIAL ALIGNMENT IS WITHIN 1/4" INCH PER FOOT FROM THE VERTICAL SHOWN ON THE PLANS. HORIZONTALLY, KEEP THE FINAL PILE HEAD LOCATION WITHIN 3 INCHES OF THE PLAN LOCATION LONGITUDINALLY AND TRANSVERSELY.
- CONTRACTOR SHALL SUBMIT THE PILE DRIVING LOGS INCLUDING THE BLOW COUNTS TO THE OWNER/ENGINEER.
- PREAUGERING MAY BE REQUIRED TO INSTALL PILES TO THE MINIMUM EMBEDMENT LENGTH.
- PIER BENTS SHALL BE BRACED AT LOCATIONS WHERE THE ELEVATION AT THE BOTTOM OF PILE CAP IS GREATER THAN 4 FT ABOVE GRADE.

No.	Revision	Date	Approd.



Date: June 27, 2022
 DEB Project #: 199-B1199-009
 DCR Project #: 199-16646 (B27)
 Designed By: VND
 Drawn By: VND
 Checked By: CF/TH



Yokr River State Park
Boat Ramp Pier Replacement and Dredging
 Stafford County, Virginia
DRAWING TITLE:
Construction Notes

C1

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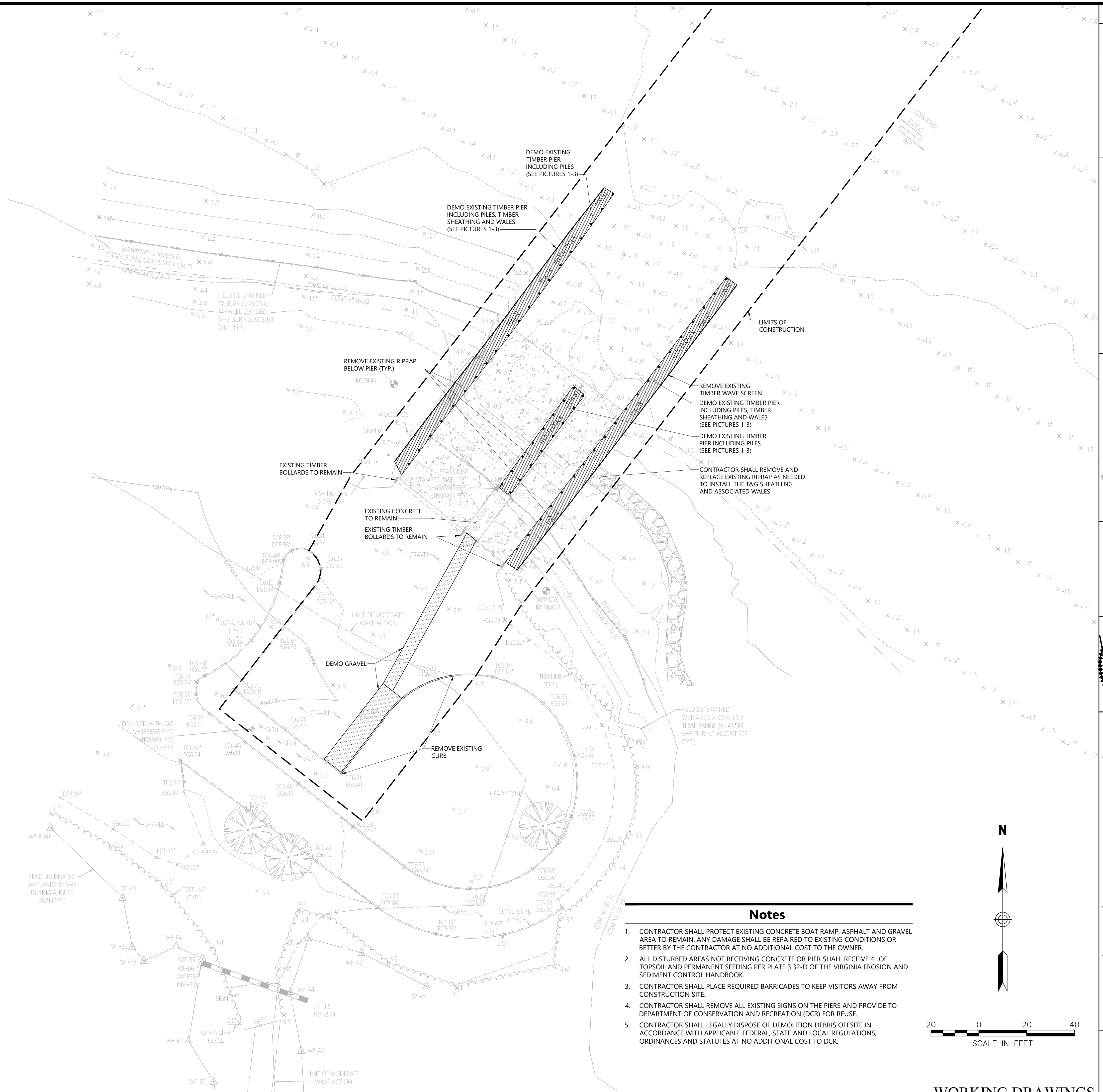
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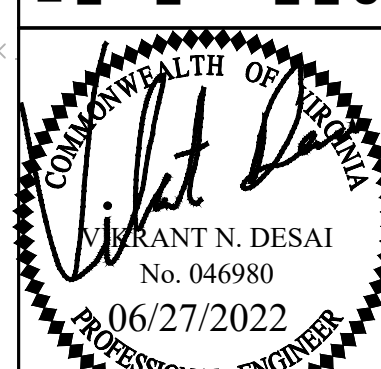
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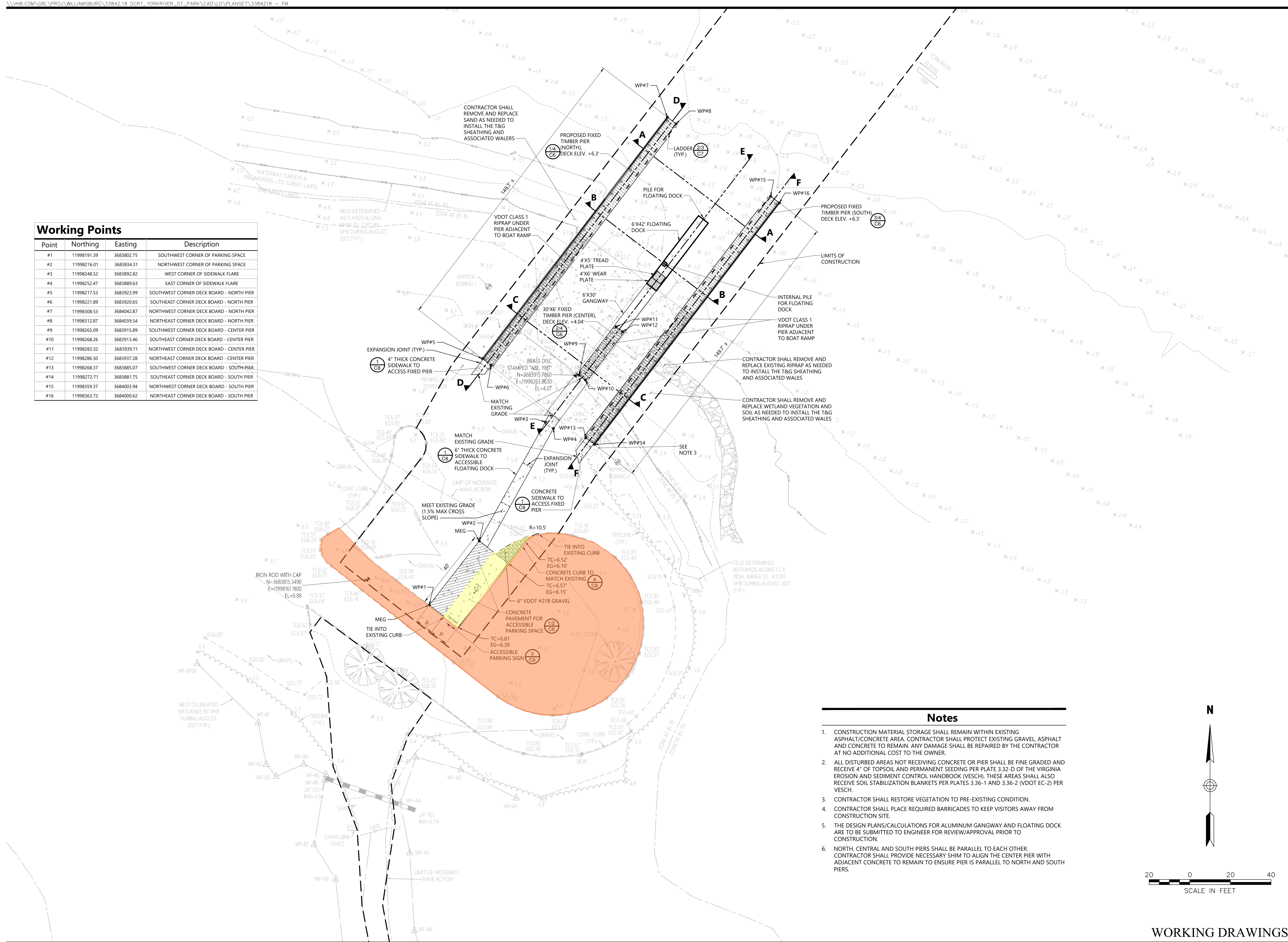
DEMO PICTURE 3



- Notes**
1. CONTRACTOR SHALL PROTECT EXISTING CONCRETE BOAT RAMP, ASPHALT AND GRAVEL AREA TO REMAIN. ANY DAMAGE SHALL BE REPAIRED TO EXISTING CONDITIONS OR BETTER BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
 2. ALL DISTURBED AREAS NOT RECEIVING CONCRETE OR PIER SHALL RECEIVE 4" OF TOPSOIL AND PERMANENT SEEDING PER PLATE 3.32-D OF THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK.
 3. CONTRACTOR SHALL PLACE REQUIRED BARRICADES TO KEEP VISITORS AWAY FROM CONSTRUCTION SITE.
 4. CONTRACTOR SHALL REMOVE ALL EXISTING SIGNS ON THE PIERS AND PROVIDE TO DEPARTMENT OF CONSERVATION AND RECREATION (DCR) FOR REUSE.
 5. CONTRACTOR SHALL LEGALLY DISPOSE OF DEMOLITION DEBRIS OFFSITE IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS, ORDINANCES AND STATUTES AT NO ADDITIONAL COST TO DCR.

No.	Revision	Date	Appr.
 Engineers-Scientists-Planners-Designers 351 McLawns Circle, Suite 3 Williamsburg, Virginia 23185 757.220.0500 • FAX 757.220.8544			
Date: June 27, 2022 DEB Project #: 199-B1199-009 DCR Project #: 199-16646 (627) Designed By: VND Drawn By: VND Checked By: CF/TH			
			
Yokr River State Park Boat Ramp Pier Replacement and Dredging Stafford County, Virginia DRAWING TITLE: Demolition Plan			
C2			

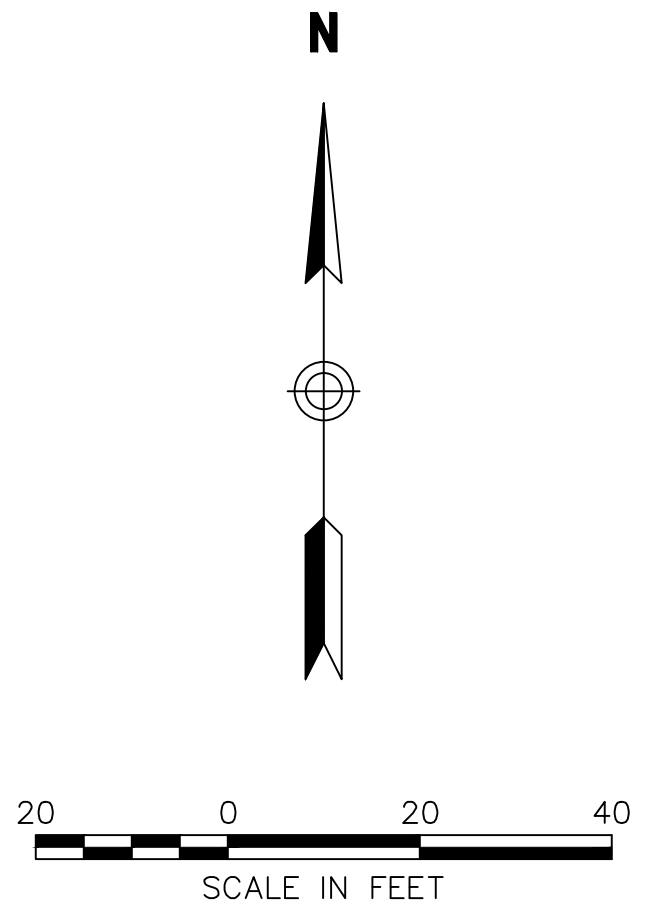
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Working Points

Point	Northing	Easting	Description
#1	11998191.39	3683802.75	SOUTHWEST CORNER OF PARKING SPACE
#2	11998216.01	3683834.31	NORTHWEST CORNER OF PARKING SPACE
#3	11998248.52	3683892.82	WEST CORNER OF SIDEWALK FLARE
#4	11998252.47	3683889.63	EAST CORNER OF SIDEWALK FLARE
#5	11998217.53	3683923.99	SOUTHWEST CORNER DECK BOARD - NORTH PIER
#6	11998221.89	3683920.65	SOUTHWEST CORNER DECK BOARD - NORTH PIER
#7	11998308.53	3684042.87	NORTHWEST CORNER DECK BOARD - NORTH PIER
#8	11998312.87	3684039.54	NORTHEAST CORNER DECK BOARD - NORTH PIER
#9	11998265.09	3683915.89	SOUTHWEST CORNER DECK BOARD - CENTER PIER
#10	11998268.26	3683913.46	SOUTHWEST CORNER DECK BOARD - CENTER PIER
#11	11998283.32	3683939.71	NORTHWEST CORNER DECK BOARD - CENTER PIER
#12	11998286.50	3683937.28	NORTHEAST CORNER DECK BOARD - CENTER PIER
#13	11998268.37	3683885.07	SOUTHWEST CORNER DECK BOARD - SOUTH PIER
#14	11998272.71	3683881.75	SOUTHWEST CORNER DECK BOARD - SOUTH PIER
#15	11998359.37	3684003.94	NORTHWEST CORNER DECK BOARD - SOUTH PIER
#16	11998363.72	3684000.62	NORTHEAST CORNER DECK BOARD - SOUTH PIER

- ### Notes
- CONSTRUCTION MATERIAL STORAGE SHALL REMAIN WITHIN EXISTING ASPHALT/CONCRETE AREA. CONTRACTOR SHALL PROTECT EXISTING GRAVEL, ASPHALT AND CONCRETE TO REMAIN. ANY DAMAGE SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
 - ALL DISTURBED AREAS NOT RECEIVING CONCRETE OR PIER SHALL BE FINE GRADED AND RECEIVE 4" OF TOPSOIL AND PERMANENT SEEDING PER PLATE 3.32-D OF THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK (VESCH). THESE AREAS SHALL ALSO RECEIVE SOIL STABILIZATION BLANKETS PER PLATES 3.36-1 AND 3.36-2 (VDOT EC-2) PER VESCH.
 - CONTRACTOR SHALL RESTORE VEGETATION TO PRE-EXISTING CONDITION.
 - CONTRACTOR SHALL PLACE REQUIRED BARRICADES TO KEEP VISITORS AWAY FROM CONSTRUCTION SITE.
 - THE DESIGN PLANS/CALCULATIONS FOR ALUMINUM GANGWAY AND FLOATING DOCK ARE TO BE SUBMITTED TO ENGINEER FOR REVIEW/APPROVAL PRIOR TO CONSTRUCTION.
 - NORTH, CENTRAL AND SOUTH PIERS SHALL BE PARALLEL TO EACH OTHER. CONTRACTOR SHALL PROVIDE NECESSARY SHIM TO ALIGN THE CENTER PIER WITH ADJACENT CONCRETE TO REMAIN TO ENSURE PIER IS PARALLEL TO NORTH AND SOUTH PIERS.



No.	Revision	Date	App'd.

Vhb
Engineers-Scientists-Planners-Designers
351 McLaws Circle, Suite 3
Williamsburg, Virginia 23185
757-520-0500 • FAX 757-520-8544

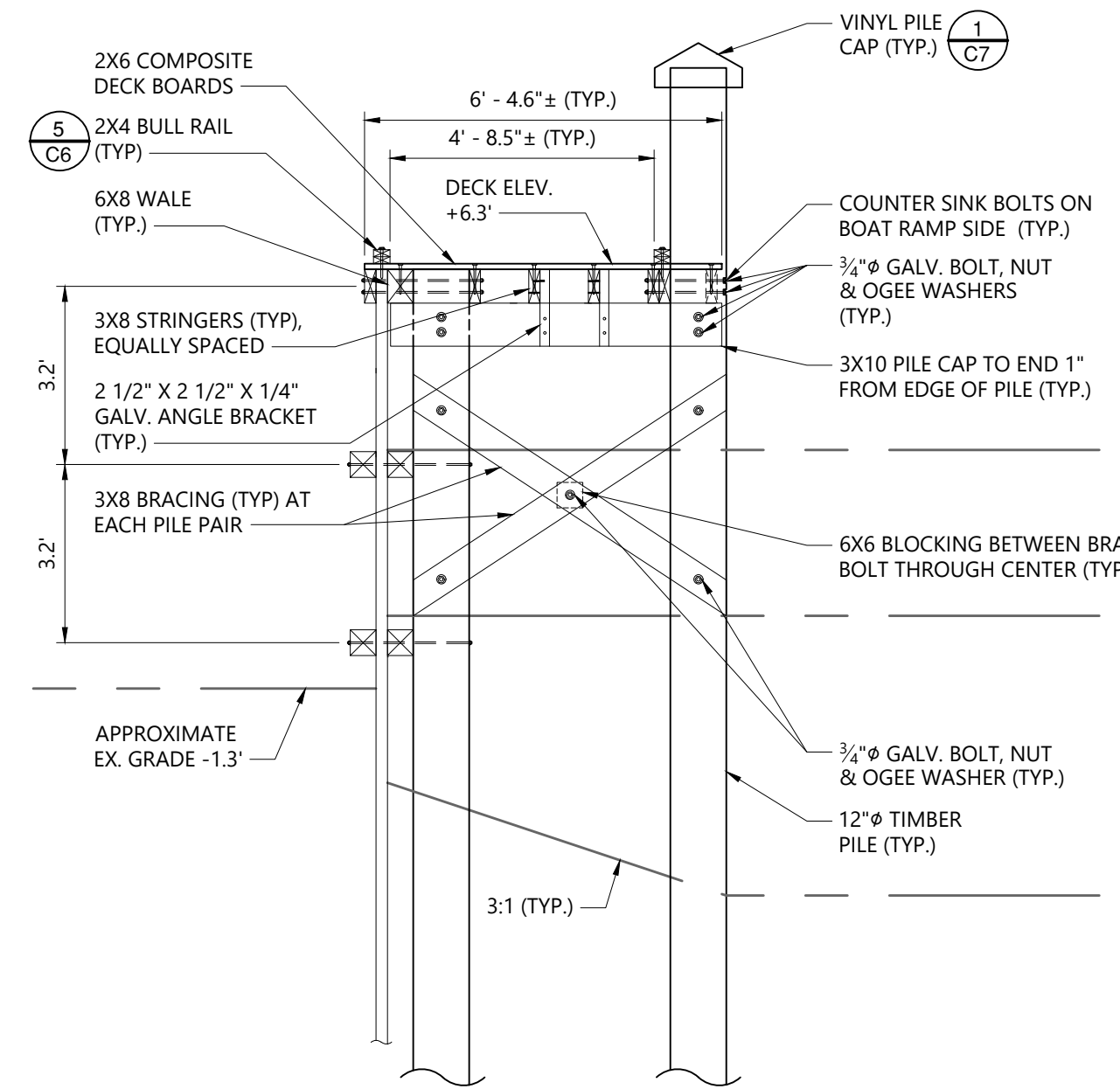
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DEB Project #: 199-B1199-009
DCR Project #: 199-16646 (627)
Designed By: VND
Drawn By: VND
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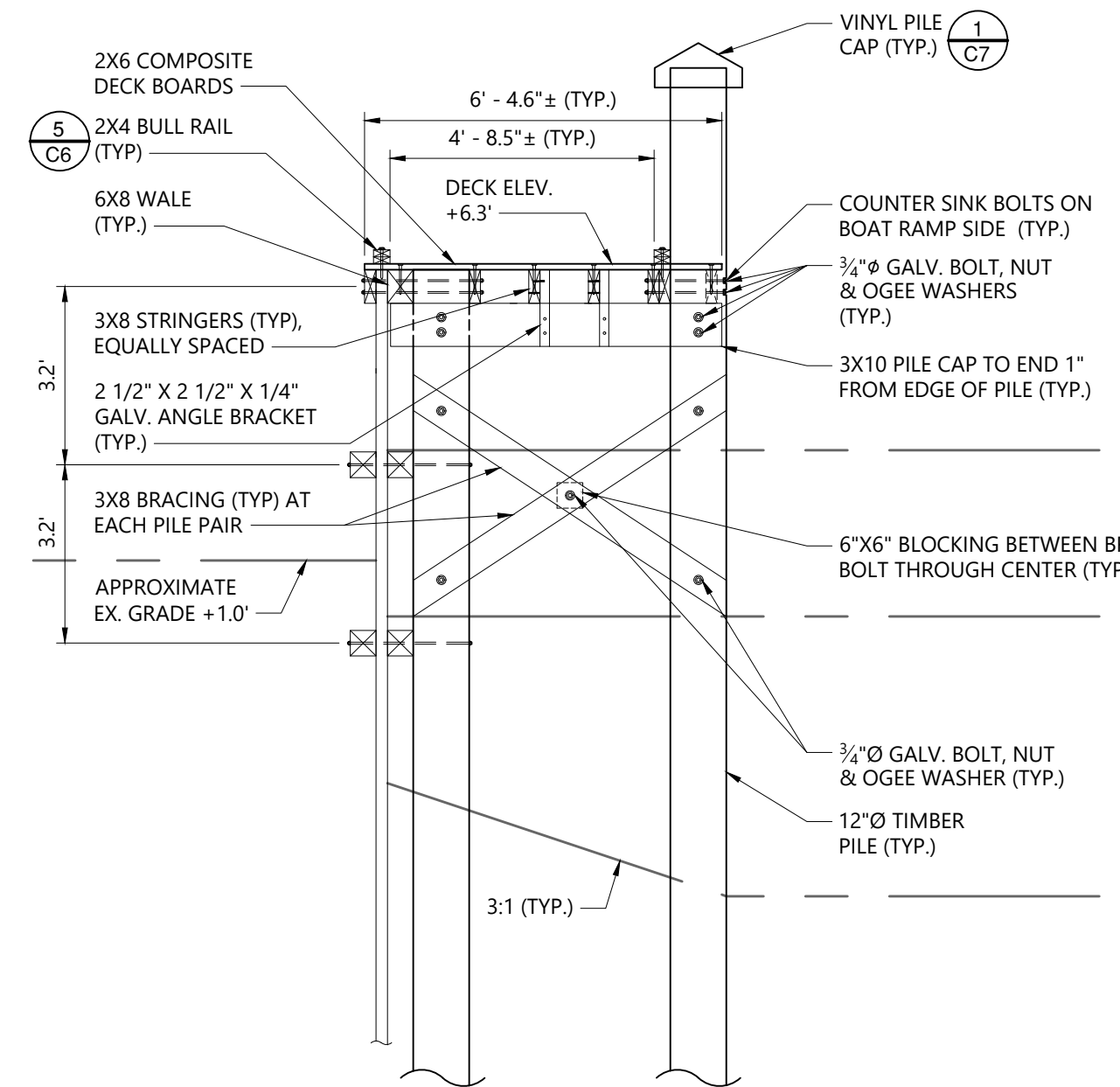
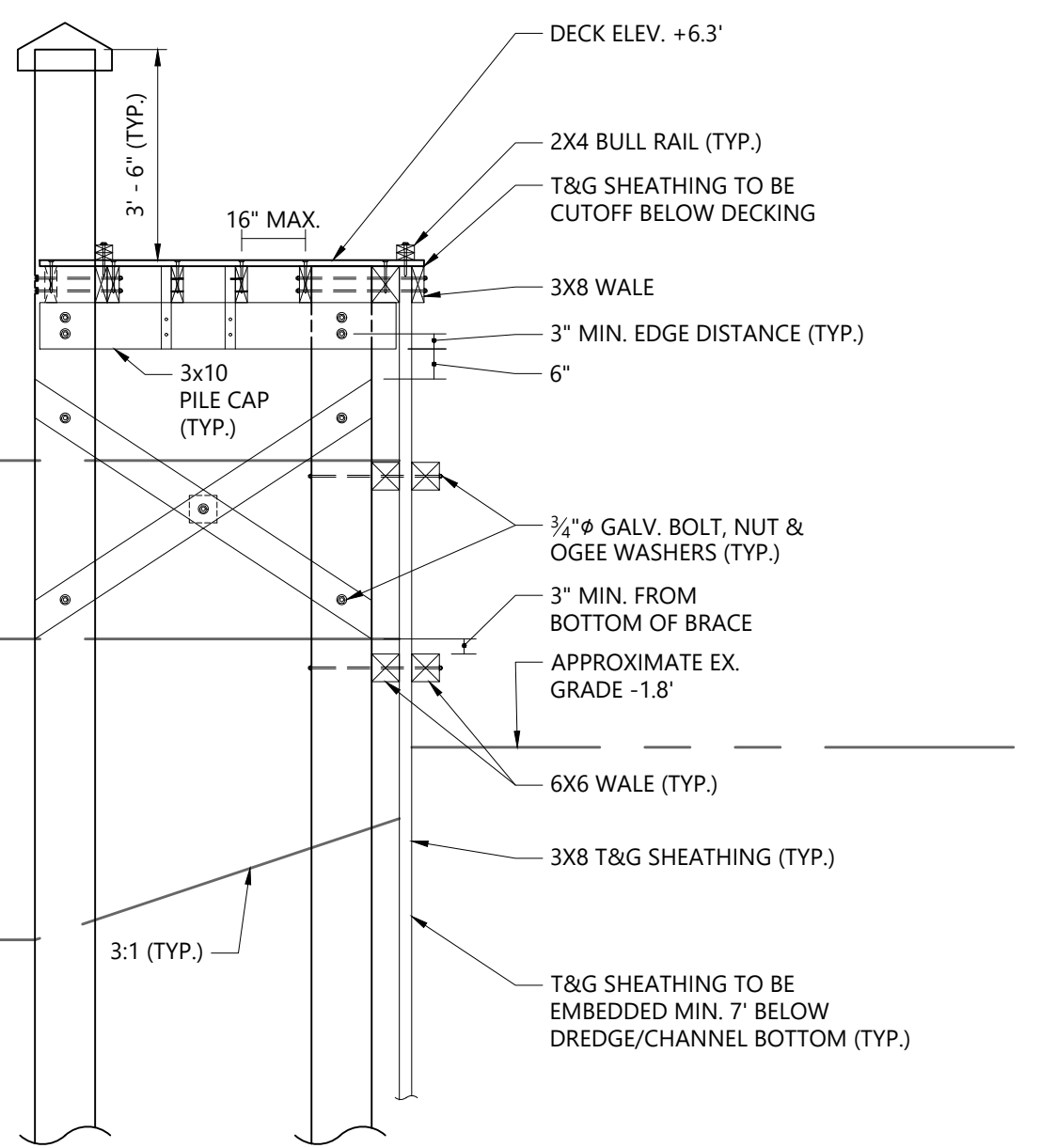
Yokr River State Park
Boat Ramp Pier Replacement and Dredging
Stafford County, Virginia

DRAWING TITLE:
Site Plan

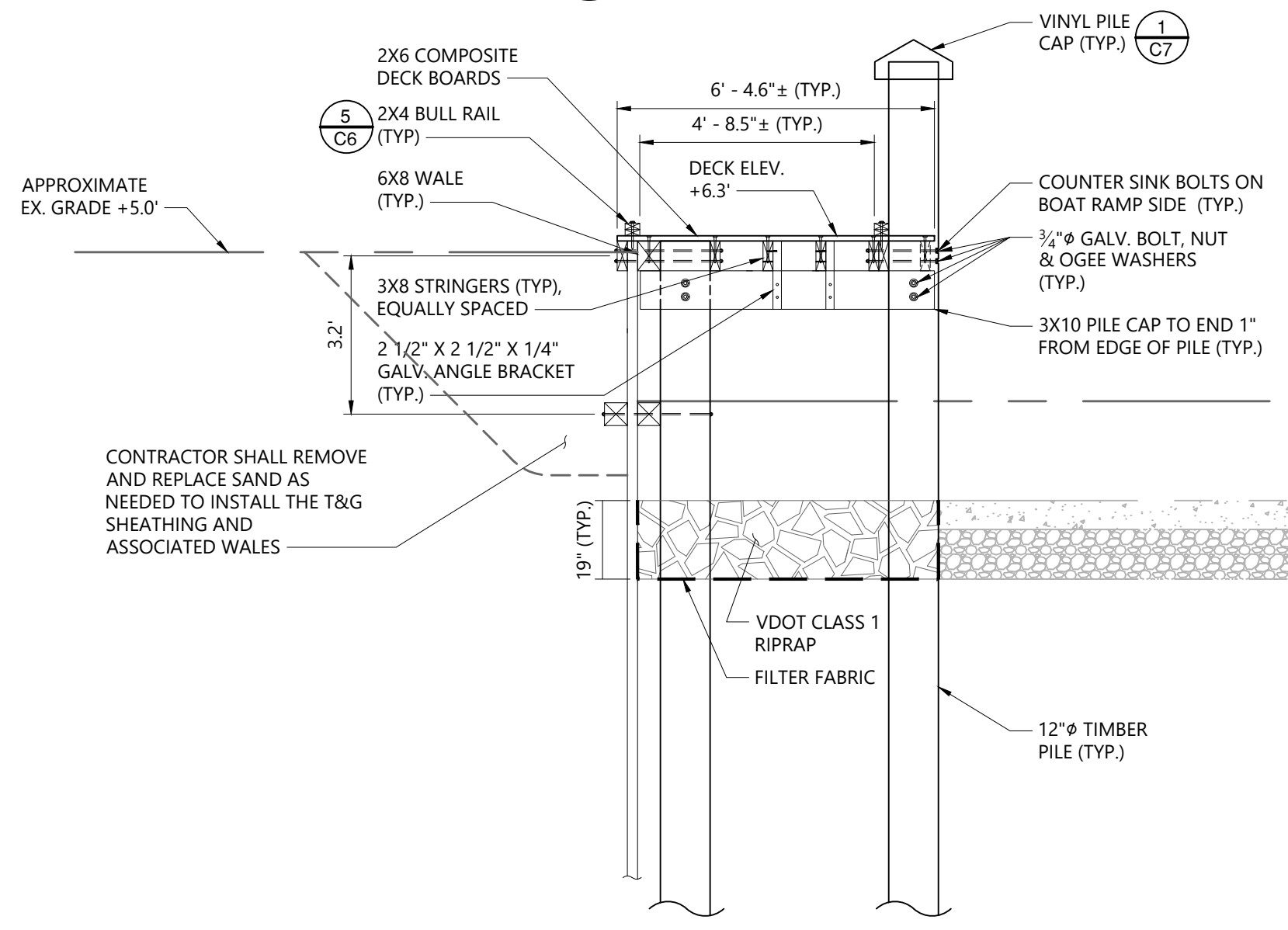
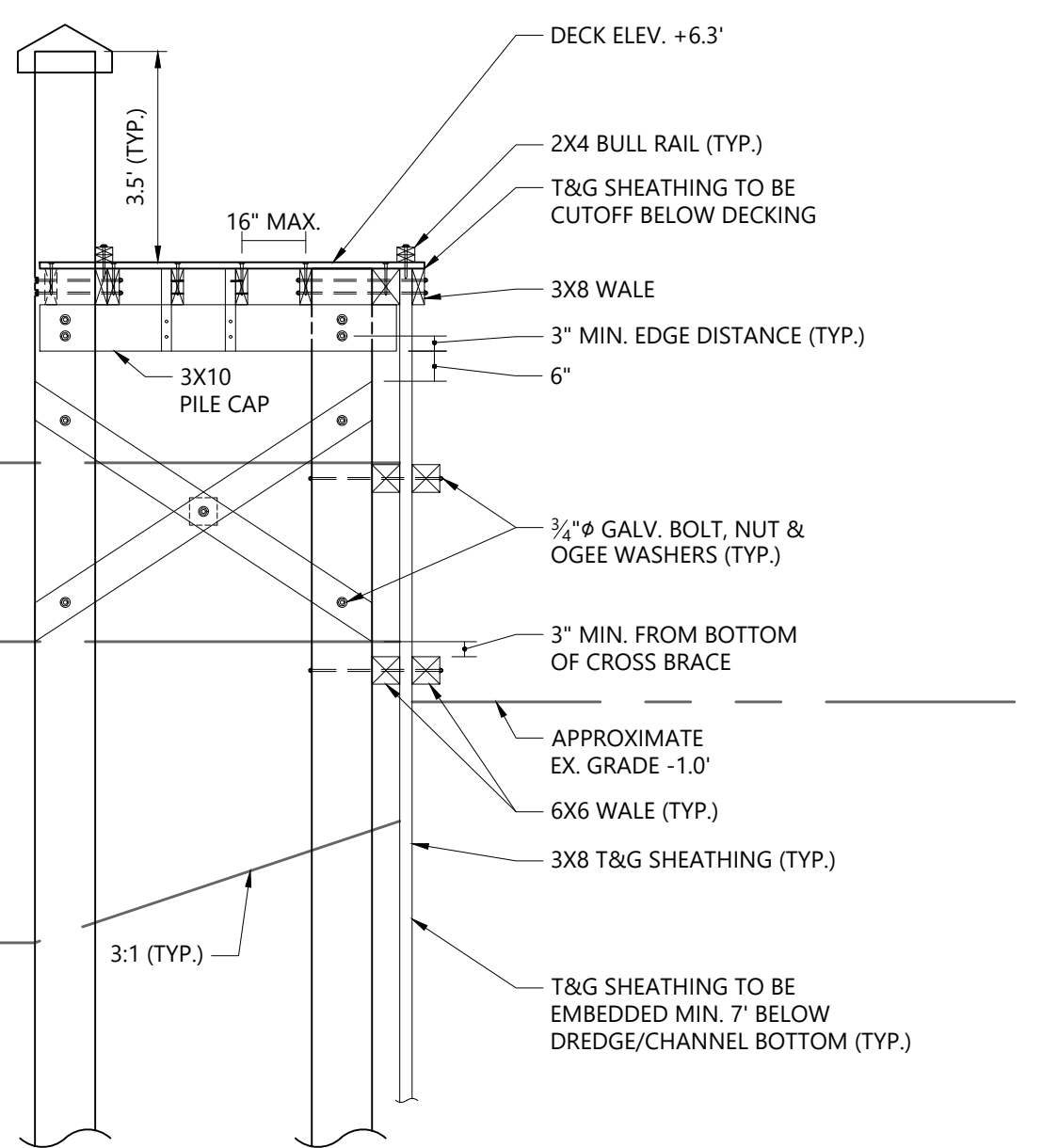
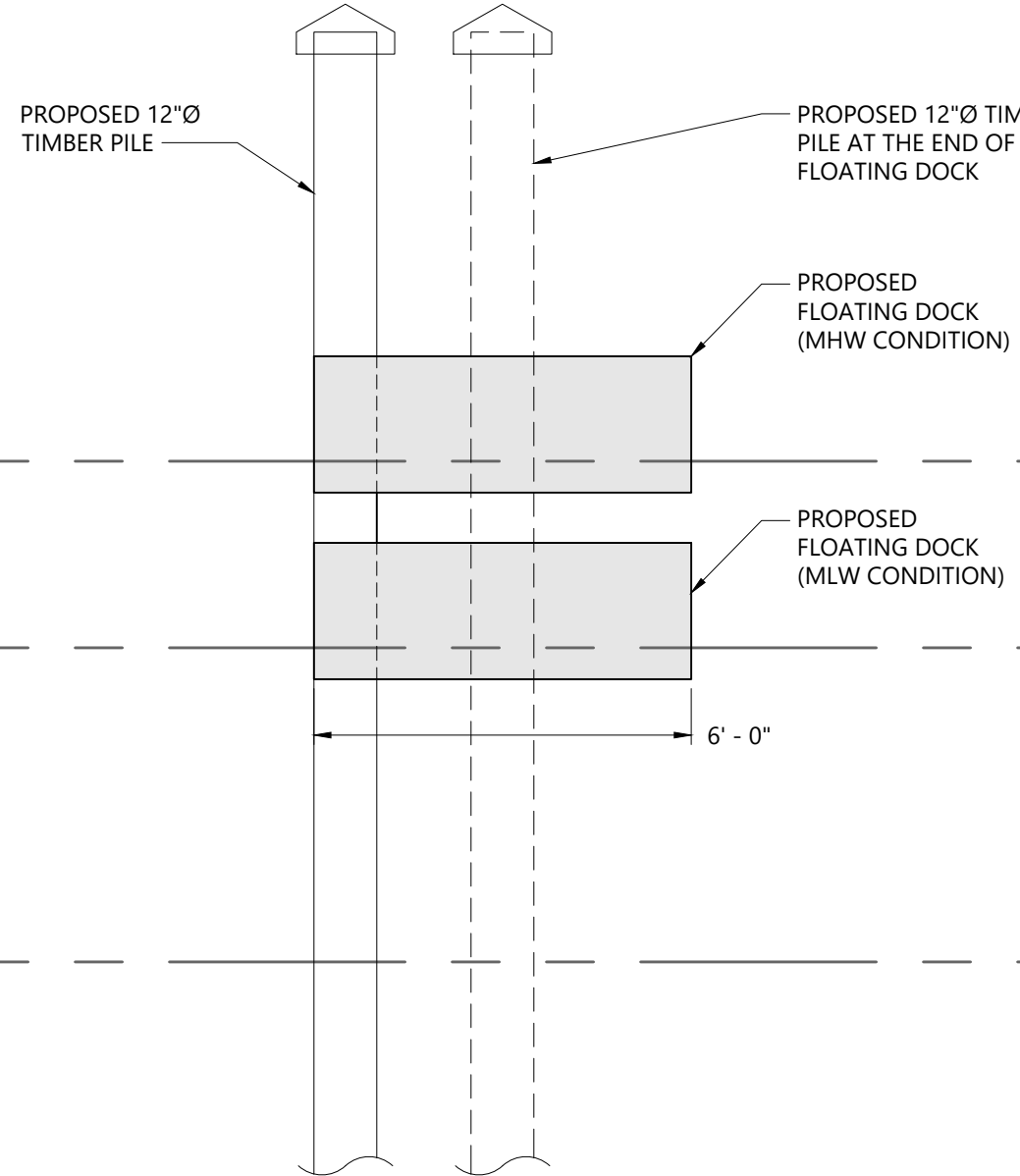
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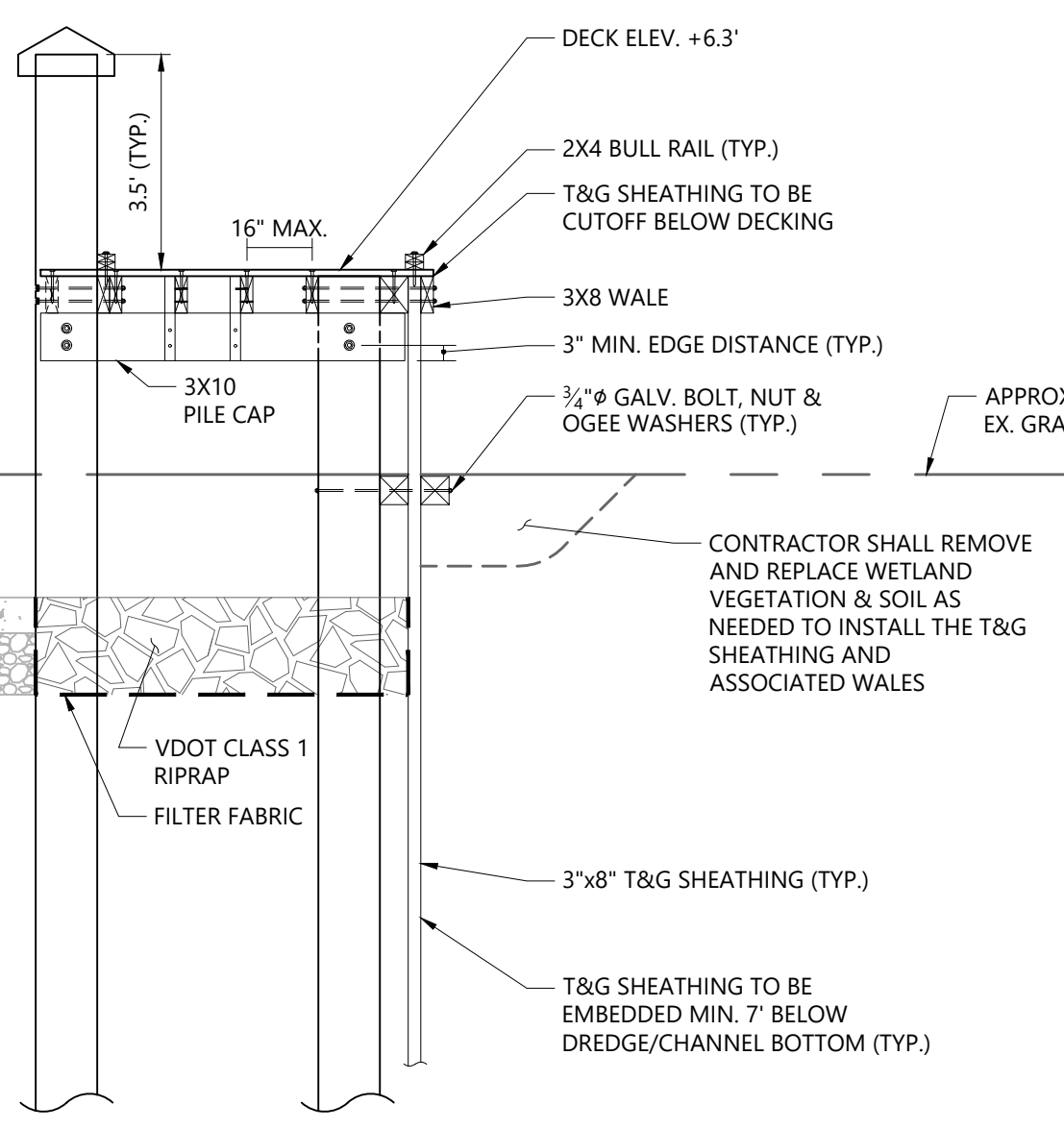
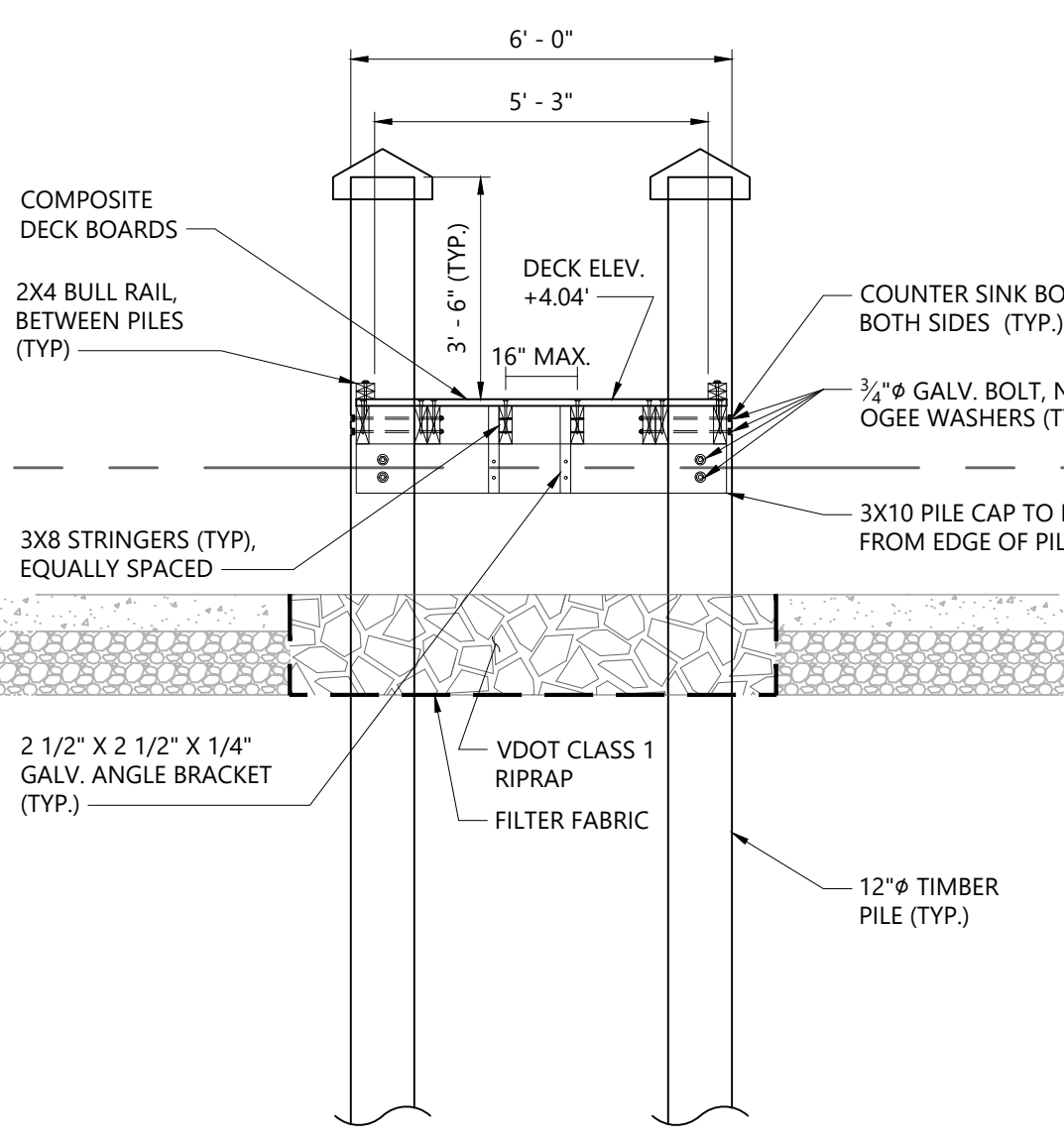
1 Section A-A
1"=3'



2 Section B-B
1"=3'

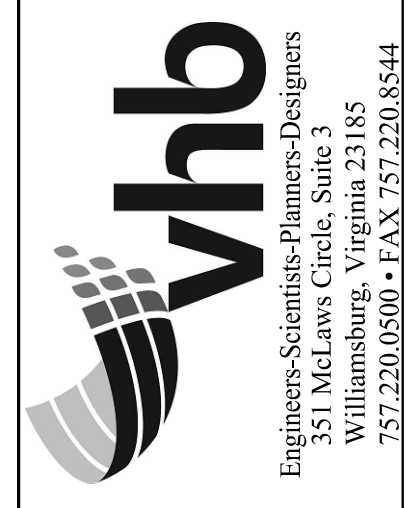


3 Section C-C
1"=3'



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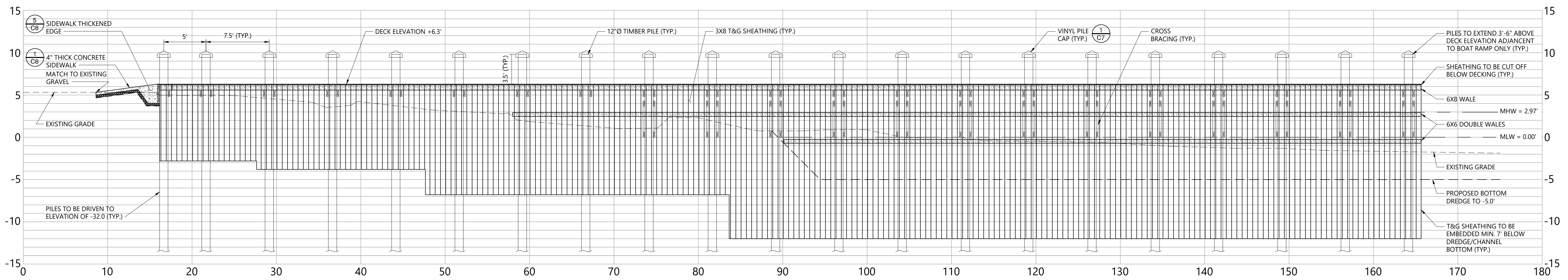
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 Designed By: VND
 Drawn By: VND
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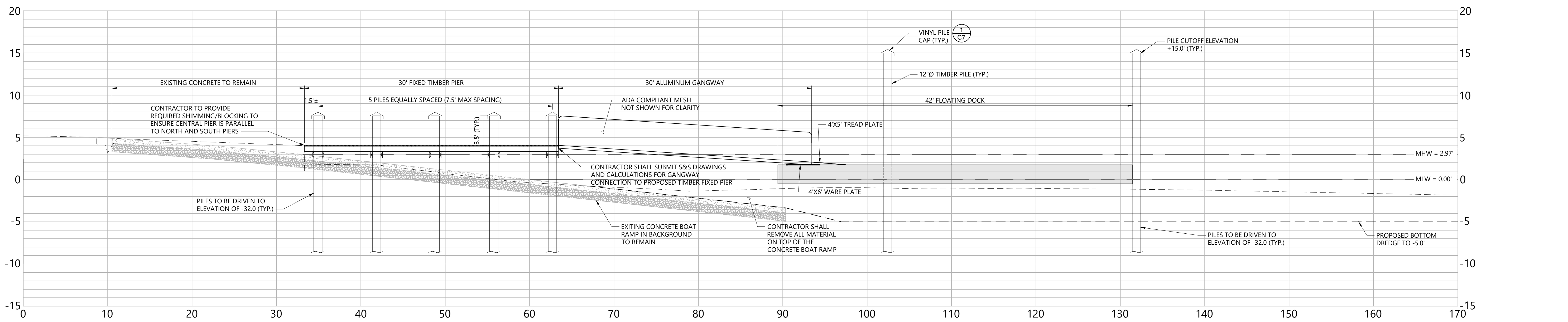
York River State Park
 Boat Ramp Pier Replacement and Dredging
 Stafford County, Virginia
 DRAWING TITLE:
Pier Sections

C4

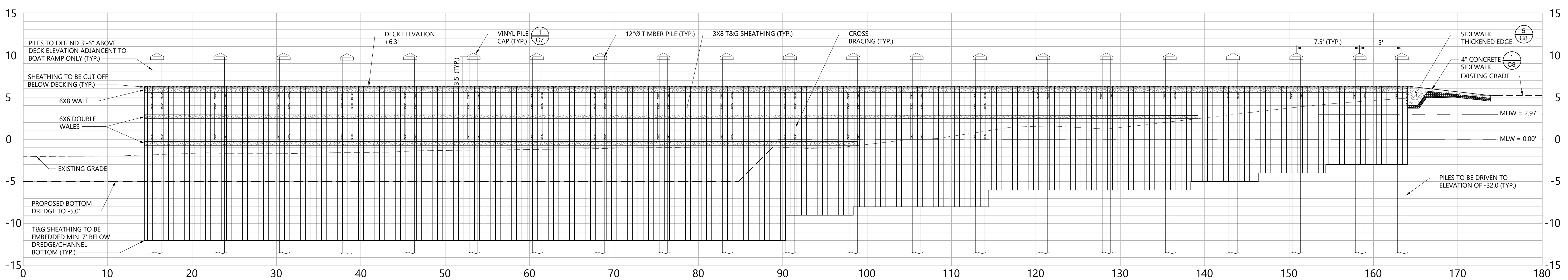
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1 Section D-D (North Pier)
C5 1"=6'

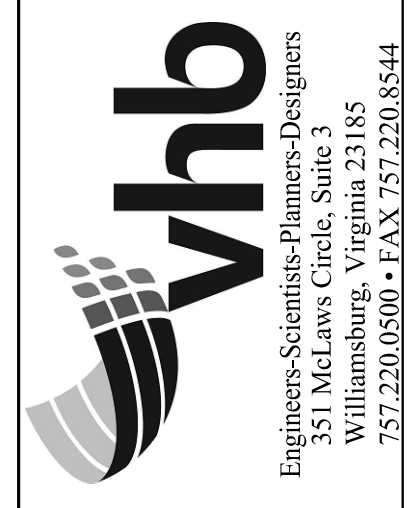


2 Section E-E (Center Pier)
C5 1"=6'

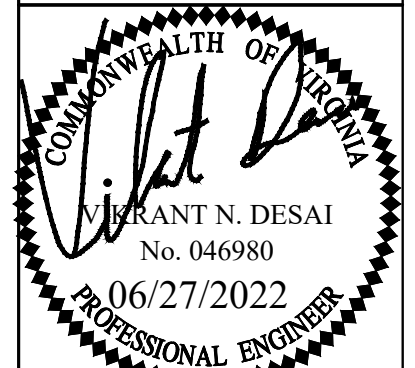


3 Section F-F (South Pier)
C5 1"=6'

No.	Revision	Date	Apprd.



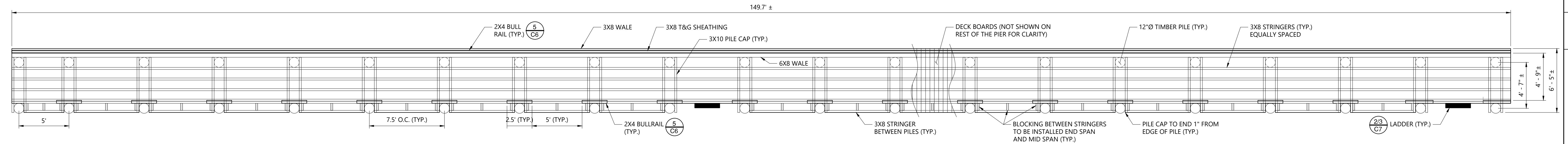
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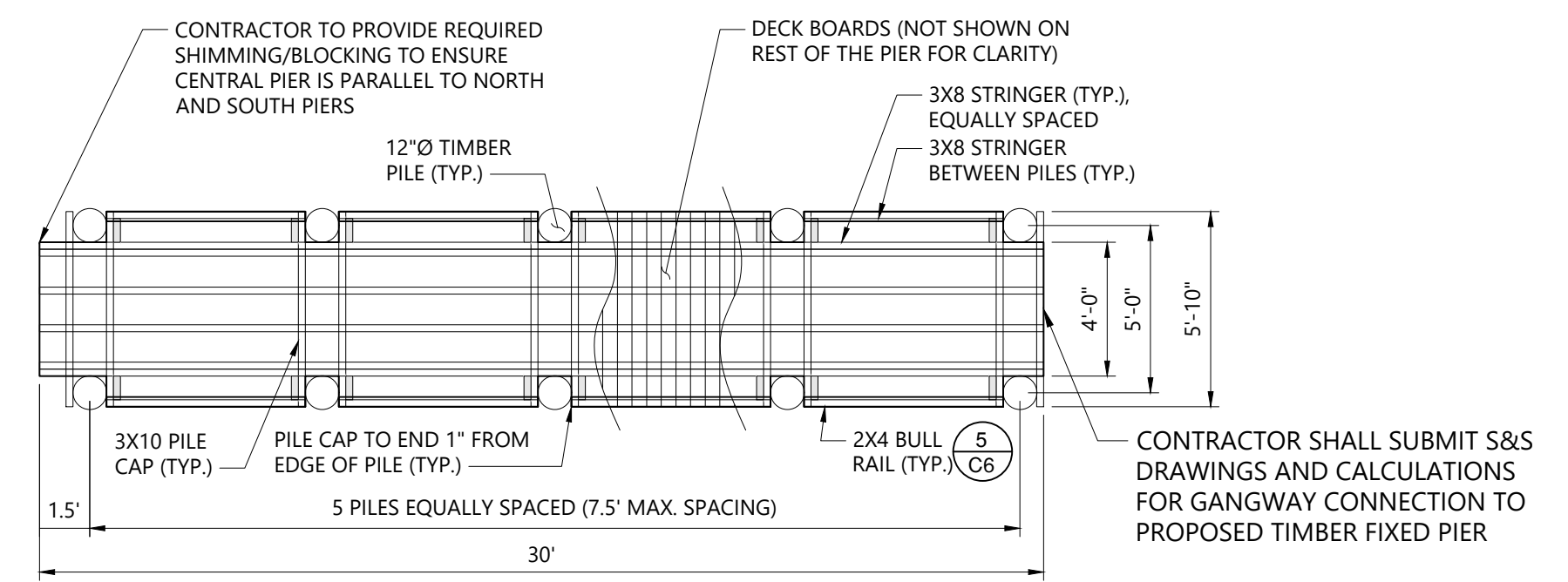
York River State Park
Boat Ramp Pier Replacement and Dredging
Stafford County, Virginia
DRAWING TITLE:
Pier Sections

C5

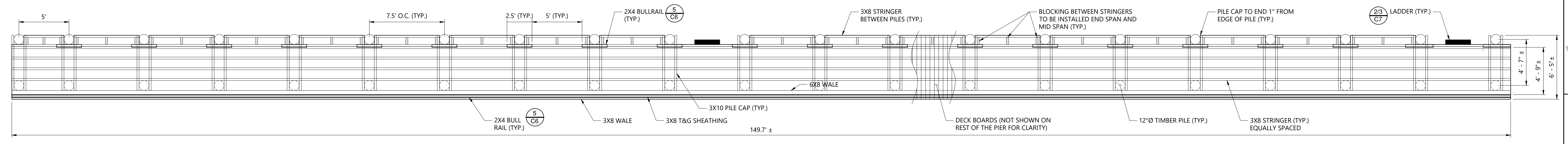
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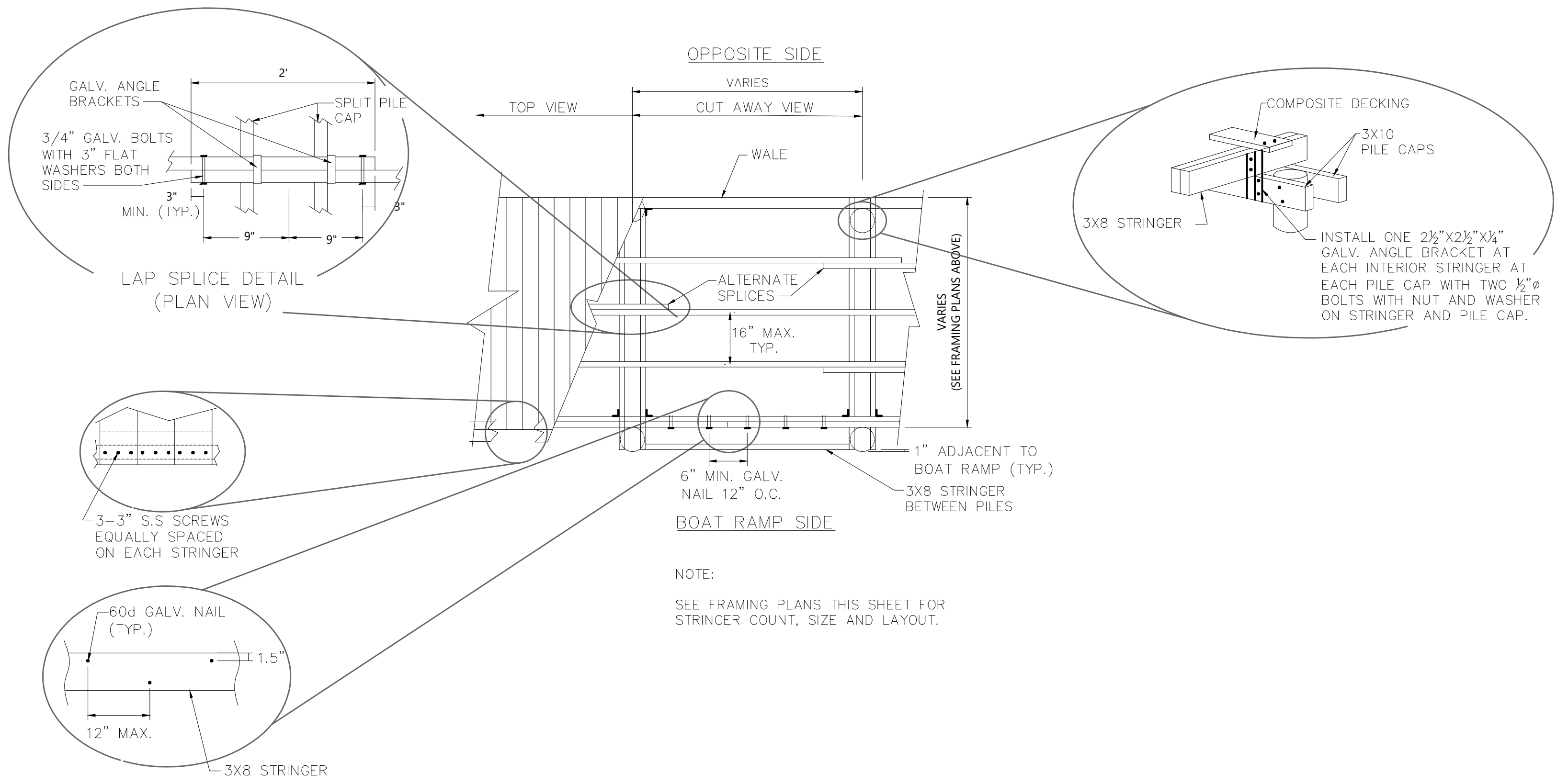
1 Framing Plan - North Pier
C6 1"=5'



2 Framing Plan - Center Pier
C6 1"=5'

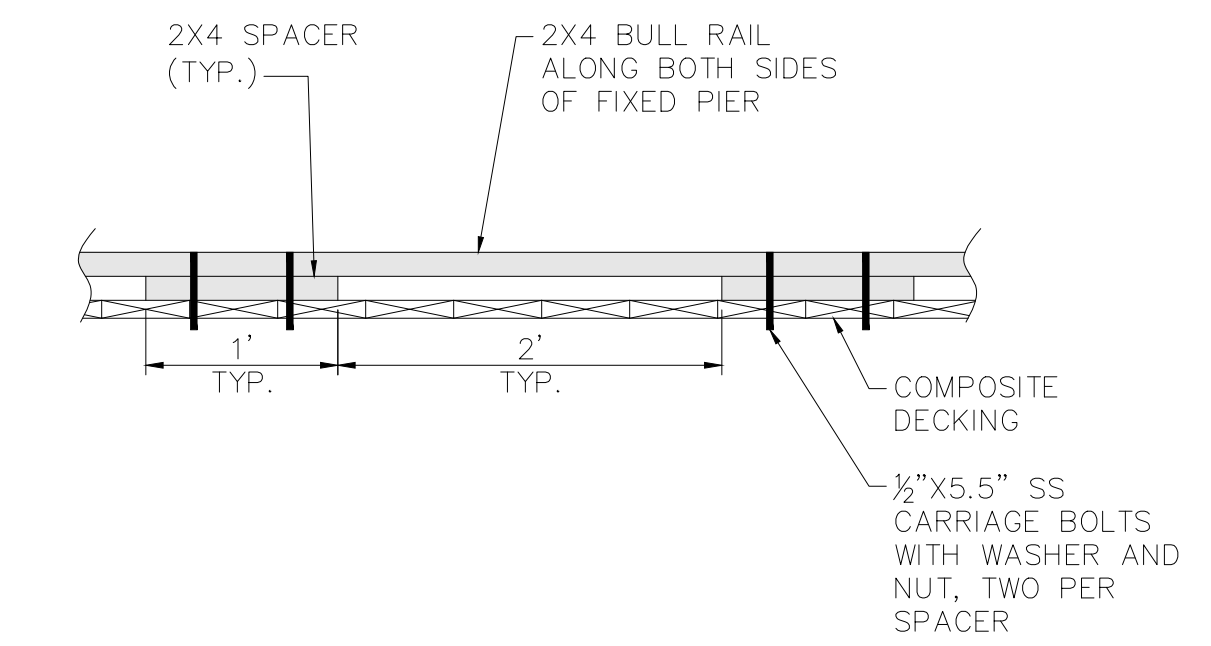


3 Framing Plan - South Pier
C6 1"=5'



4 Fixed Pier Framing Plan
C6 N.T.S.

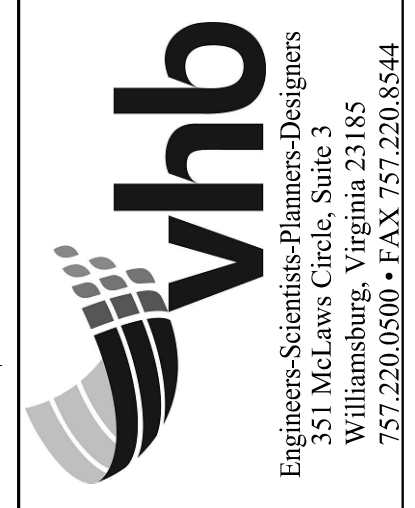
Source: VHB



5 Bull Rail Detail
C6 N.T.S.

Source: VHB

No.	Revision	Date	Approd.

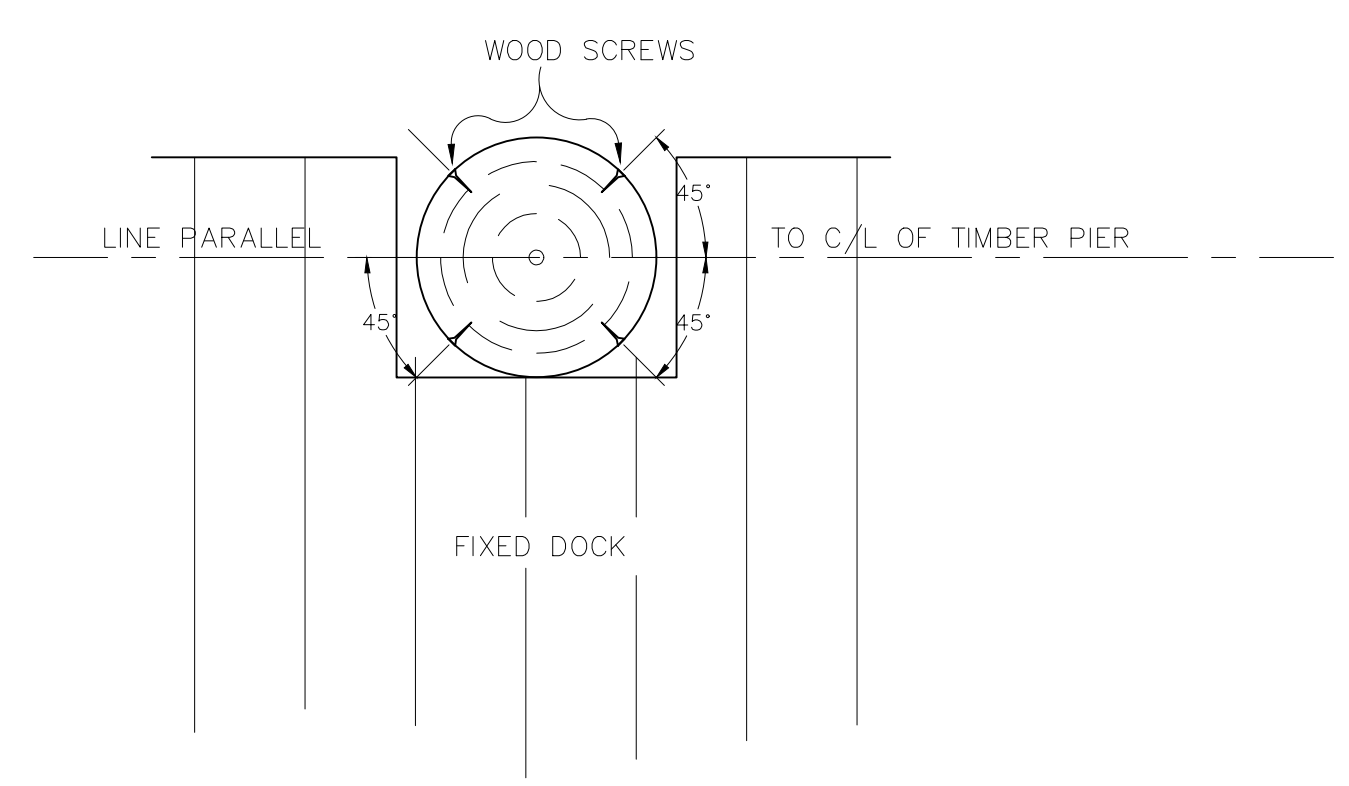


Date: June 27, 2022
DEB Project #: 199-B1199-009
DCR Project #: 199-16646 (627)
Designed By: VND
Drawn By: VND
Checked By: CF/TH

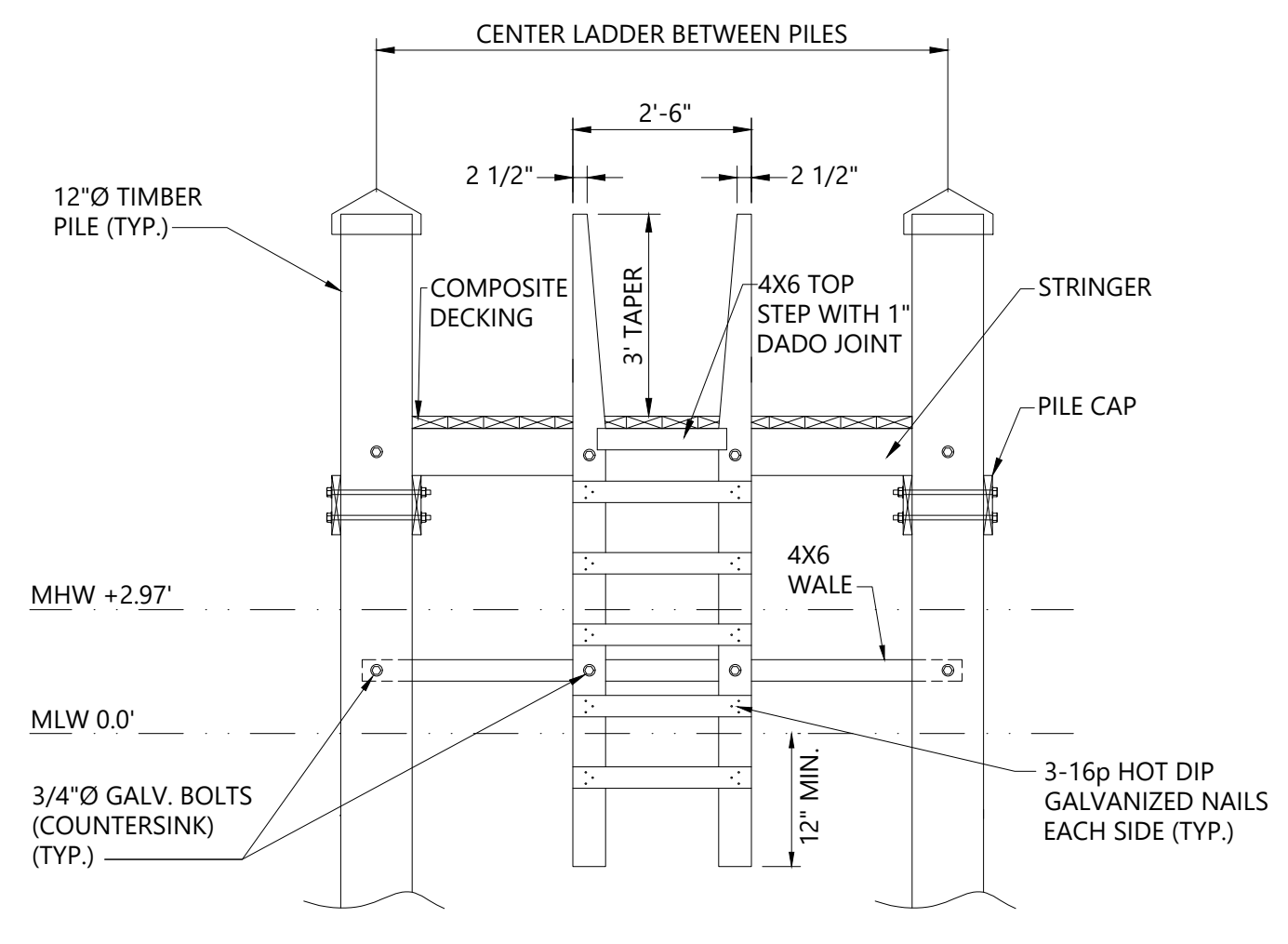


York River State Park
Boat Ramp Pier Replacement and Dredging
Stafford County, Virginia
DRAWING TITLE:
Pier Framing Plans & Details

C6

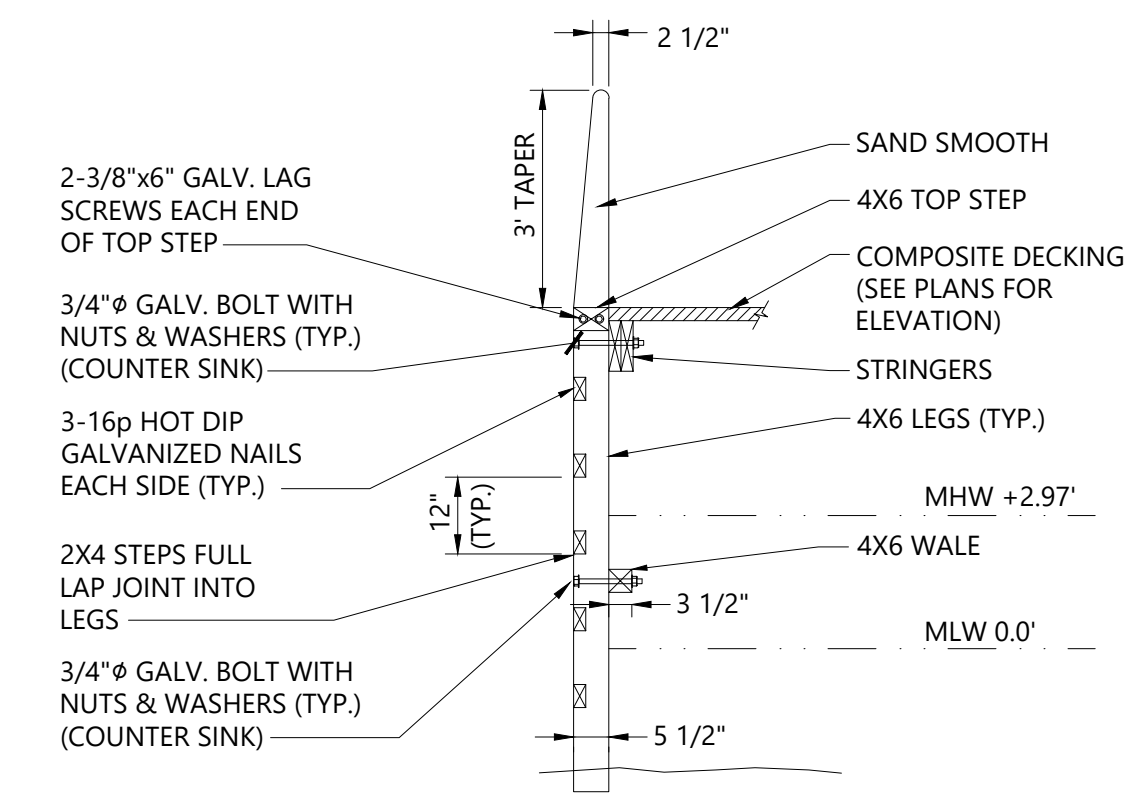


1 Wood Screw Pattern for PVC Pile Caps
C7 N.T.S.



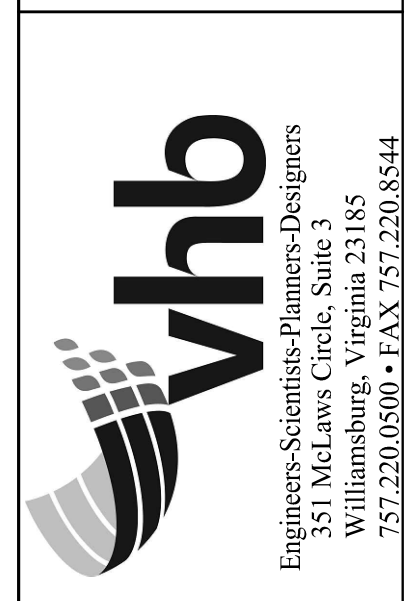
Notes:
1. INSTALL LADDER IN LOCATION SHOWN ON PLAN VIEW.

2 Ladder Framing (Front View)
C7 N.T.S. Source: VHB



Notes:
1. PILING NOT SHOWN FOR CLARITY

3 Ladder Framing (Side View)
C7 N.T.S. Source: VHB

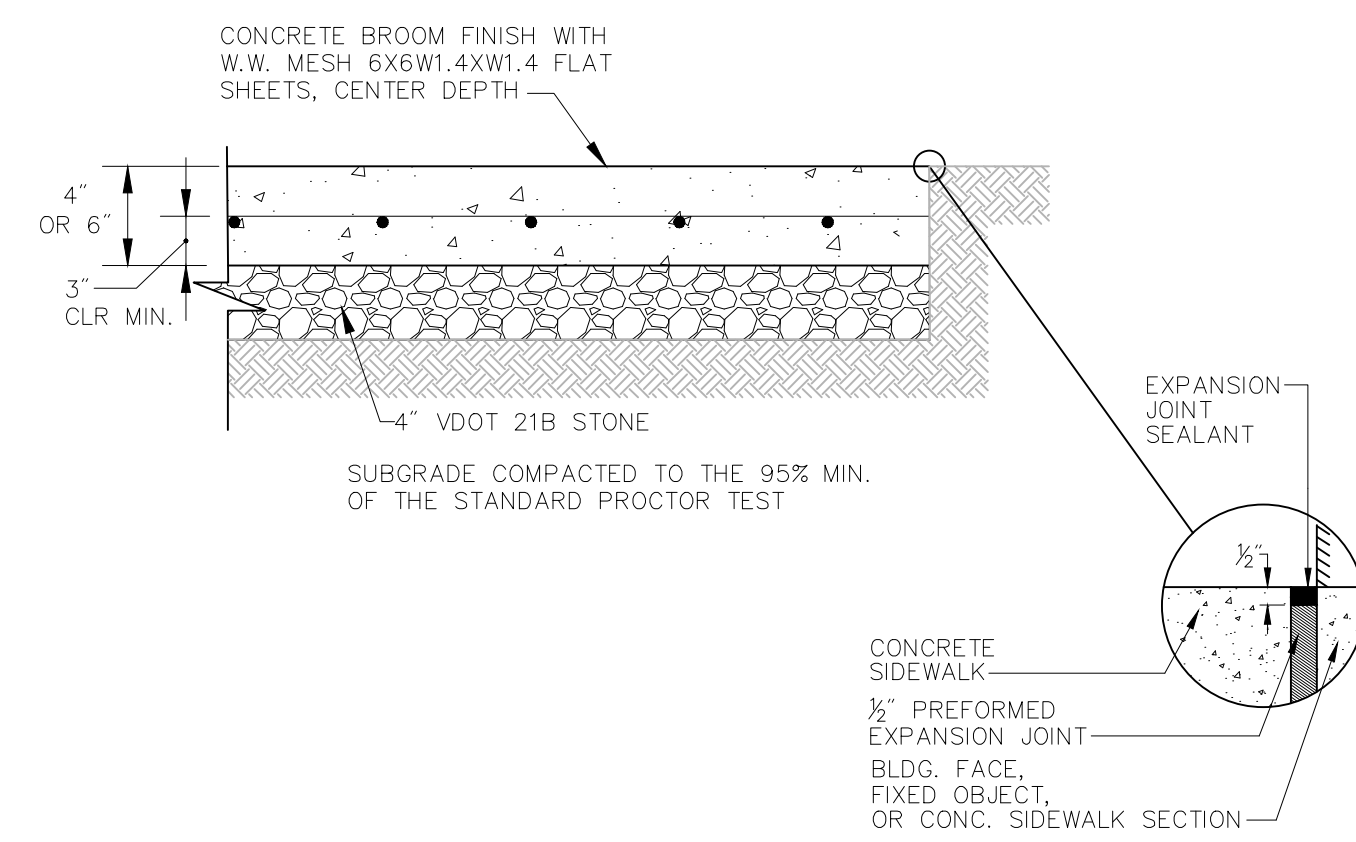


Date: June 27, 2022
DEB Project #: 199-B1199-009
DCR Project #: 199-16646 (B27)
Designed By: VND
Drawn By: VND
Checked By: CF/TH



Yokr River State Park
Boat Ramp Pier Replacement and Dredging
Stafford County, Virginia
DRAWING TITLE:
Pier Details

C7

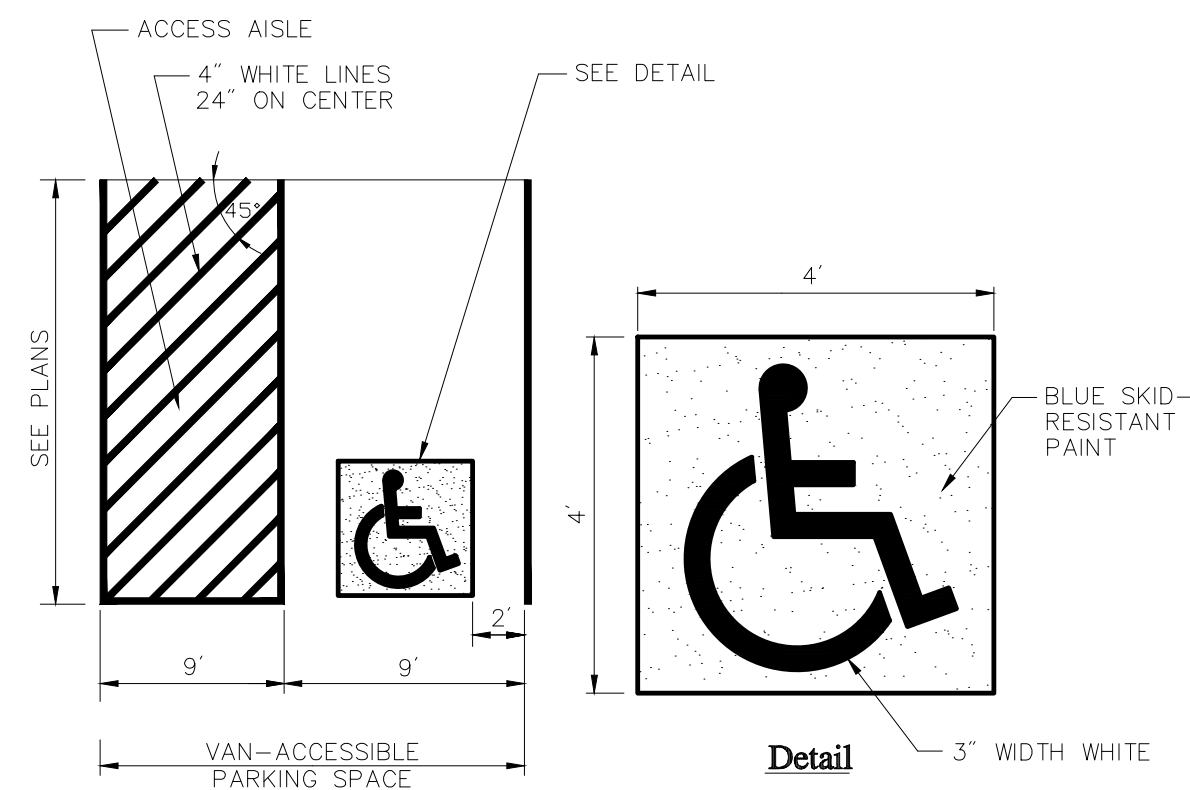


Expansion Joint Detail

Notes:

1. PROVIDE TOOLED CONTROL JOINTS AT 6' O.C.
2. PROVIDE BROOM FINISH IN DIRECTION PERPENDICULAR TO TRAFFIC.
3. CEMENT CONCRETE SHALL BE 4000 PSI-TYPE II

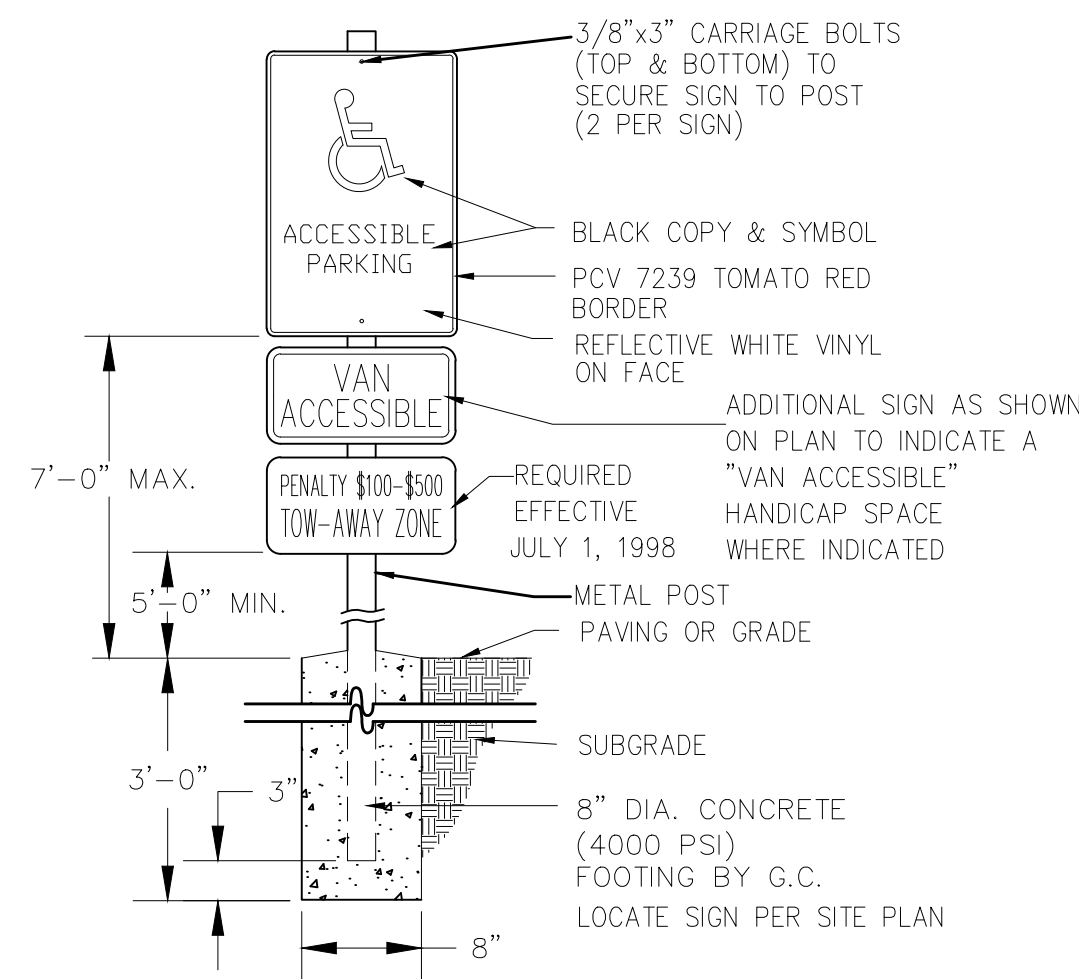
1 6" Concrete Pavement Section
C8 N.T.S.



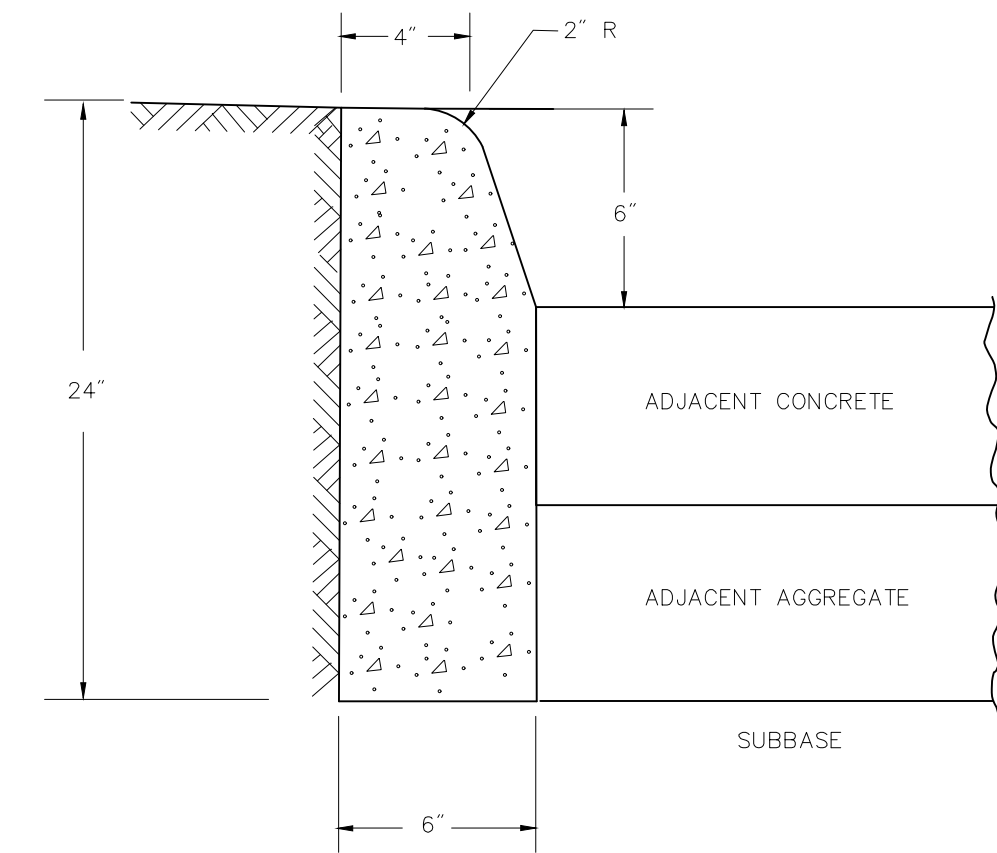
Notes:

1. ALL DIMENSIONS TO EDGES OF 4" PAVEMENT STRIPING.
2. ALL STRIPING SHALL BE 4" WIDE SOLID WHITE PAVEMENT MARKINGS UNLESS OTHERWISE NOTED.
3. 8' STALL WIDTH REFERS TO 8' CLEAR BETWEEN INSIDE EDGES OF PAVEMENT MARKINGS.
4. TRAFFIC MARKINGS SHALL BE YELLOW OR WHITE THERMOPLASTIC, TYPE B, CLASS 1, IN ACCORDANCE WITH VDOT ROAD AND BRIDGE SPECIFICATIONS SECTION 246.

2 Accessible Parking Space
C8 N.T.S.



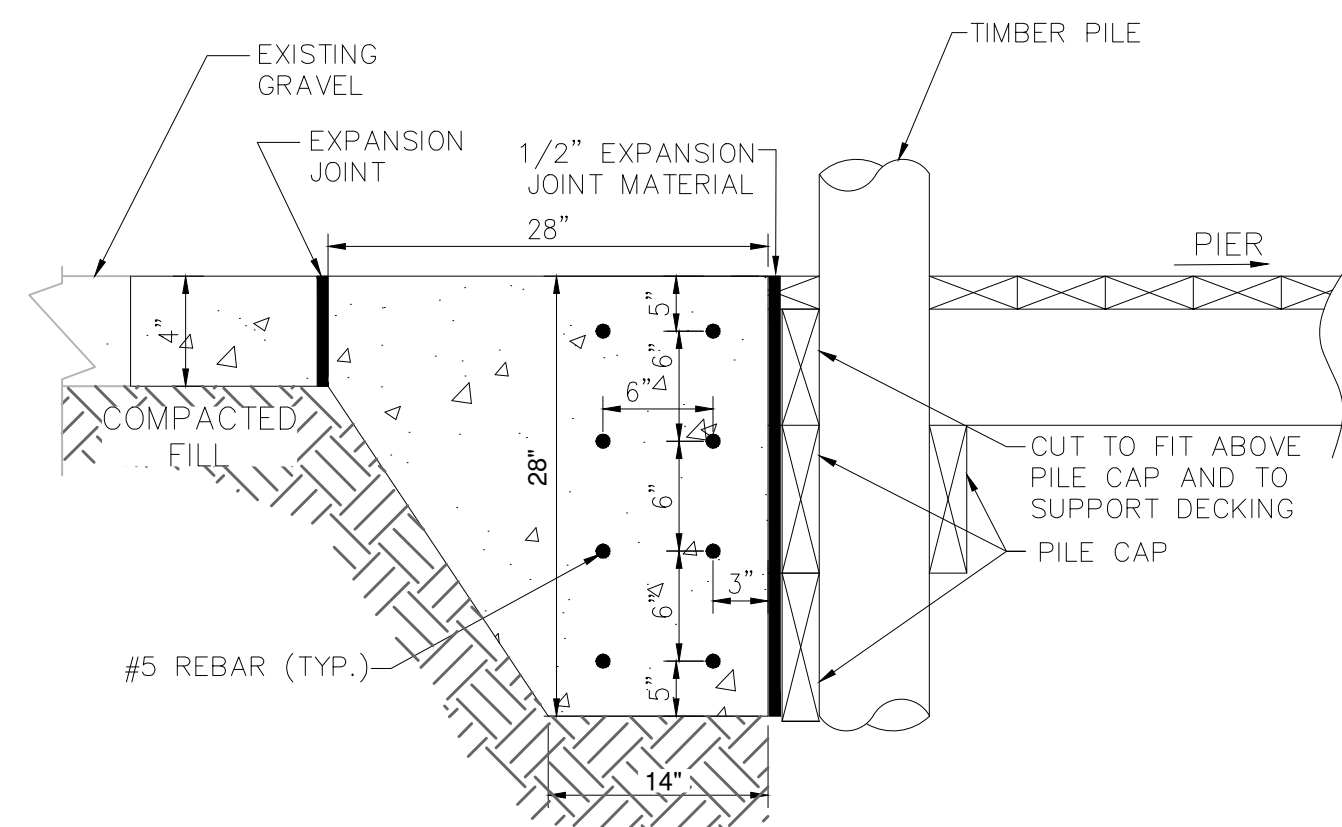
3 Accessible Parking Sign
C8 N.T.S.



NOTES

1. THIS ITEM MAY BE PRECAST OR CAST IN PLACE.
2. CONCRETE TO BE CLASS A3 IF CAST IN PLACE 4000 PSI IF PRECAST.

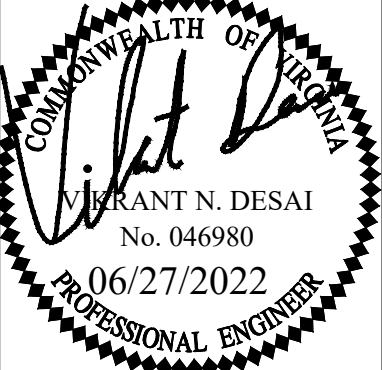
4 6" Curb
C8 N.T.S.



5 Sidewalk Thickened Edge Detail
C8 N.T.S.

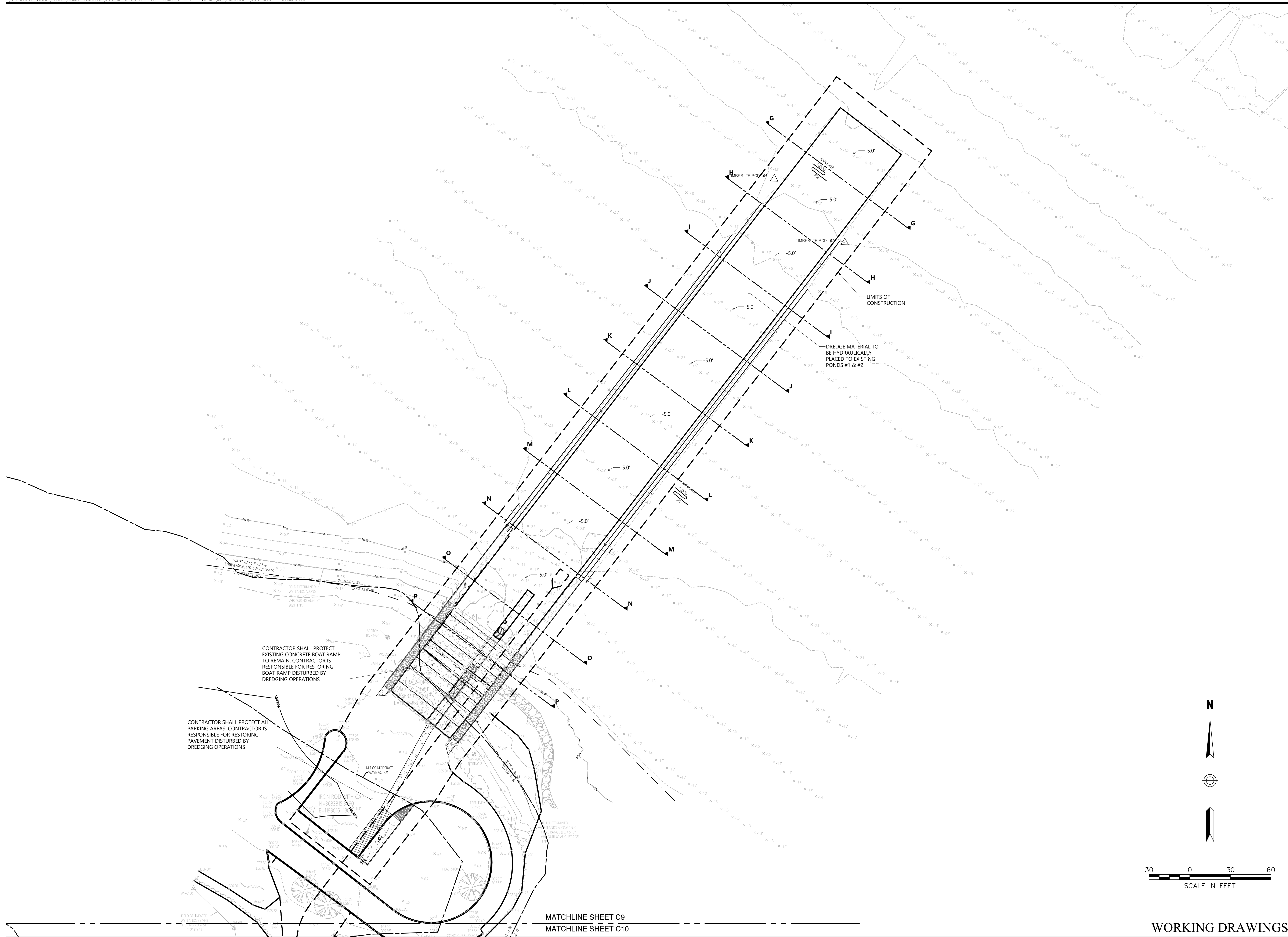


Date: June 27, 2022
DEB Project #: 199-B1199-009
DCR Project #: 199-16646 (627)
Designed By: VND
Drawn By: VND
Checked By: CF/TH



Yokr River State Park
Boat Ramp Pier Replacement and Dredging
Stafford County, Virginia
DRAWING TITLE:
Site Details

C8



CONTRACTOR SHALL PROTECT EXISTING CONCRETE BOAT RAMP TO REMAIN. CONTRACTOR IS RESPONSIBLE FOR RESTORING BOAT RAMP DISTURBED BY DREDGING OPERATIONS

CONTRACTOR SHALL PROTECT ALL PARKING AREAS. CONTRACTOR IS RESPONSIBLE FOR RESTORING PAVEMENT DISTURBED BY DREDGING OPERATIONS

DREDGE MATERIAL TO BE HYDRAULICALLY PLACED TO EXISTING PONDS #1 & #2

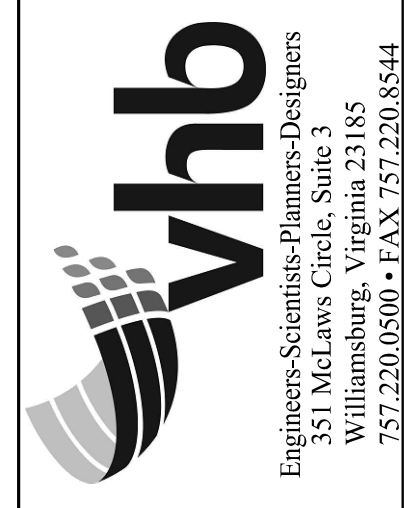
LIMITS OF CONSTRUCTION

MATCHLINE SHEET C9
MATCHLINE SHEET C10



WORKING DRAWINGS

No.	Revision	Date	App'd.



Date: June 27, 2022
DEB Project #: 199-B1199-009
DCR Project #: 199-16646 (627)
Designed By: VND
Drawn By: VND
Checked By: CF/TH



York River State Park
Boat Ramp Pier Replacement and Dredging
Stafford County, Virginia
DRAWING TITLE:
Dredging Plan

C9



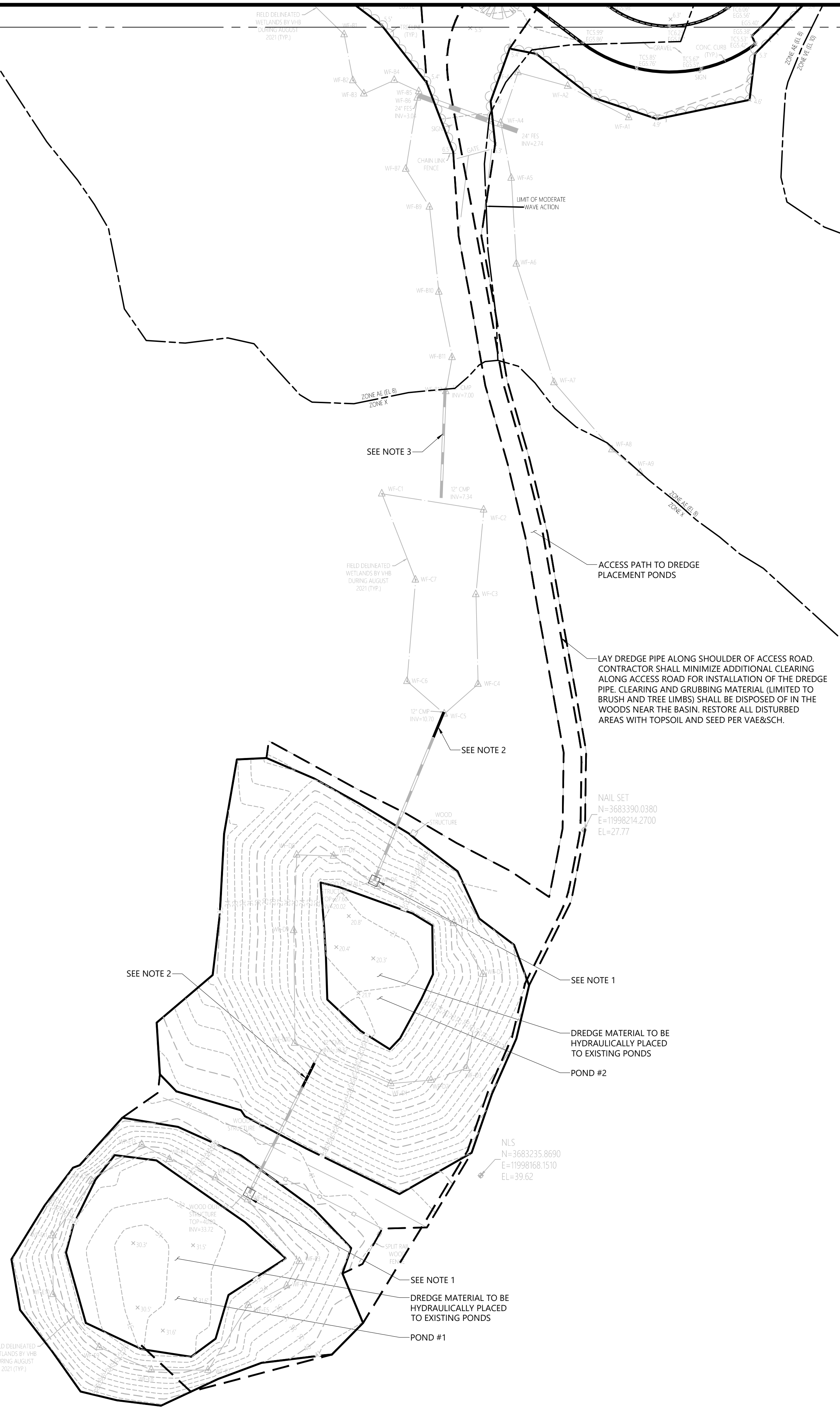
PICTURE 1 - TIMBER WEIR BOX INTERIOR



PICTURE 2 - TIMBER WEIR BOX EXTERIOR



PICTURE 3 - EXISTING PIPE TO BE REPLACED



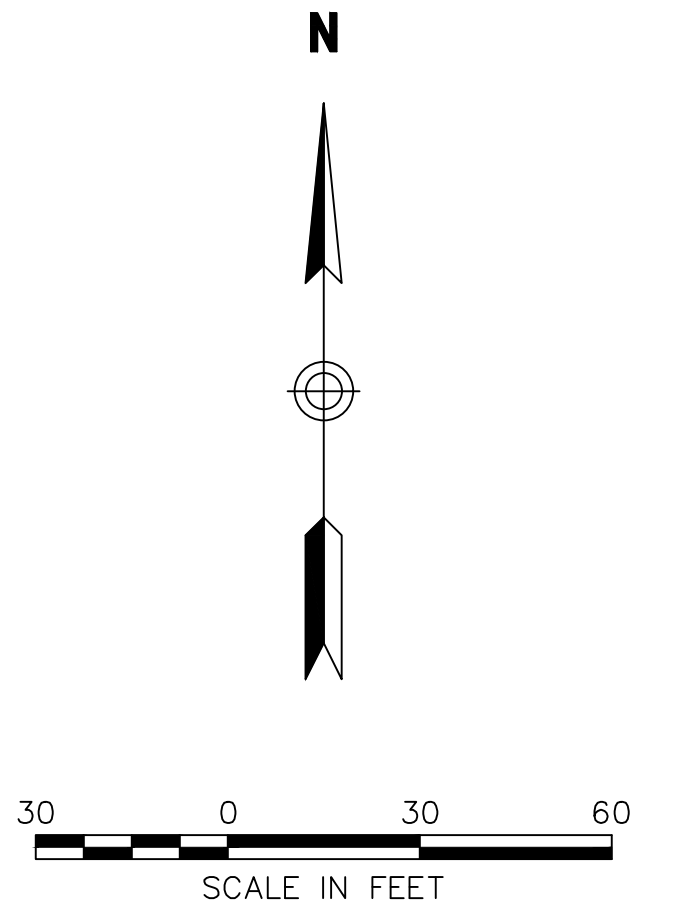
MATCHLINE SHEET C9
MATCHLINE SHEET C10

Notes

- CONTRACTOR SHALL CLEAN TIMBER WEIR BOXES AT POND #1 AND POND #2 OF ALL DEBRIS. SEE PICTURES 1 & 2 FOR EXISTING STRUCTURE.
- CONTRACTOR SHALL CLEAN EXISTING PIPE OF ALL DEBRIS. CONTRACTOR SHALL REPLACE 12' SECTION OF THE PIPE WITH NEW (SEE PICTURE 3). MATERIAL AND DIAMETER OF NEW PIPE SHALL MATCH EXISTING. CONTRACTOR SHALL PROVIDE REQUIRED FITTING TO CONNECT EXISTING AND NEW PIPES.
- CONTRACTOR SHALL CLEAN EXISTING PIPE OF ALL DEBRIS.

Dredging Notes

- CONTRACTOR SHALL ARRANGE A PRE-DREDGING CONFERENCE AT LEAST TWO WEEKS PRIOR TO START OF DREDGING. CONTACT THE FOLLOWING:
 - OWNER: DAN COX 804.786.7966
 - ENGINEER: CHRIS FRYE 757.503.3796
 - PARK:
- ALL BOARDS IN TIMBER WEIR BOXES ARE TO BE IN PLACE PRIOR TO DREDGING AND SHALL REMAIN IN PLACE THROUGHOUT DREDGING. ANY DAMAGED BOARDS SHALL BE REPLACED AT NO ADDITIONAL COST TO THE OWNER. ALL BOARDS SHALL BE PRESSURE TREATED, TONGUE & GROOVE PLANKS.
- DREDGE PIPE SHALL BE 8" OR SMALLER.
- CONTRACTOR SHALL ADJUST FLOW RATES AS NECESSARY TO PREVENT SEDIMENT OVERFLOW.
- ALL REQUIREMENTS STATED IN THE INDIVIDUAL PERMIT (PROVIDED IN PROJECT MANUAL) SHALL BE PART OF THE CONTRACTOR'S RESPONSIBILITY.
- CONTRACTOR SHALL BE RESPONSIBLE FOR STABILIZING ALL DISTURBED AREAS TO PRE-CONSTRUCTION CONDITION POST DREDGING. ALL DISTURBED AREAS SHALL RECEIVE 4" OF TOP SOIL AND PERMANENT SEEDING PER VAE&SH SECTION 3.32.



No.	Revision	Date	App'd.

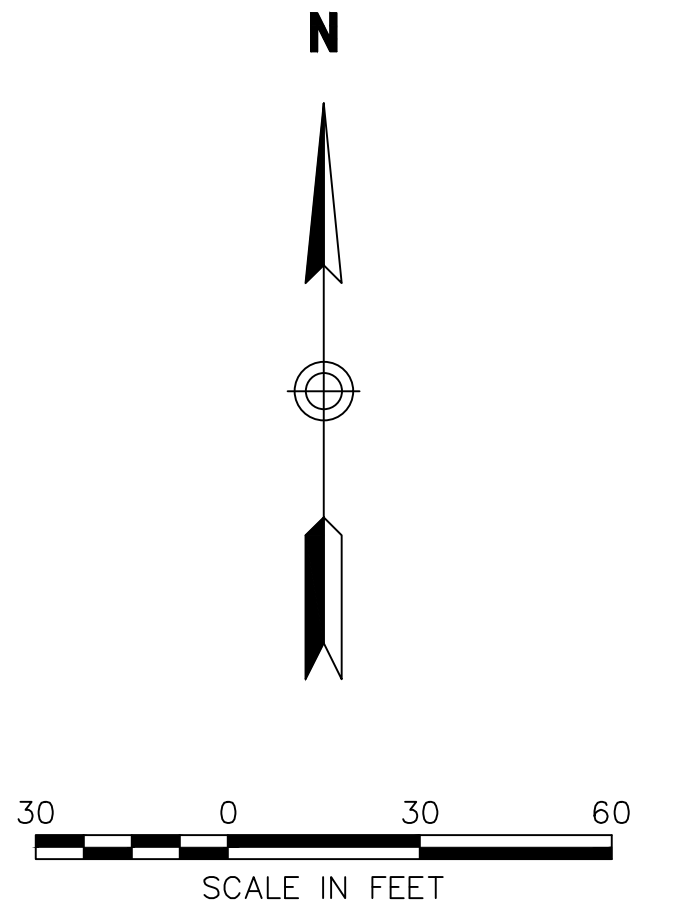
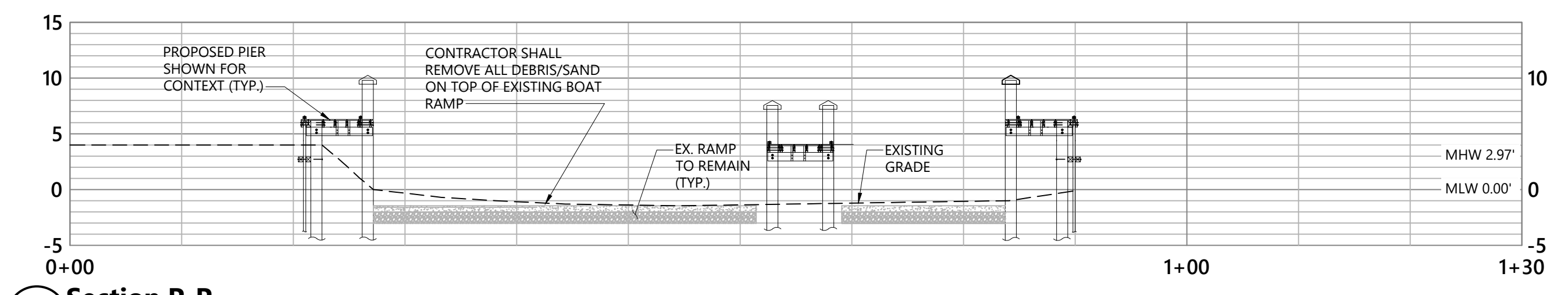
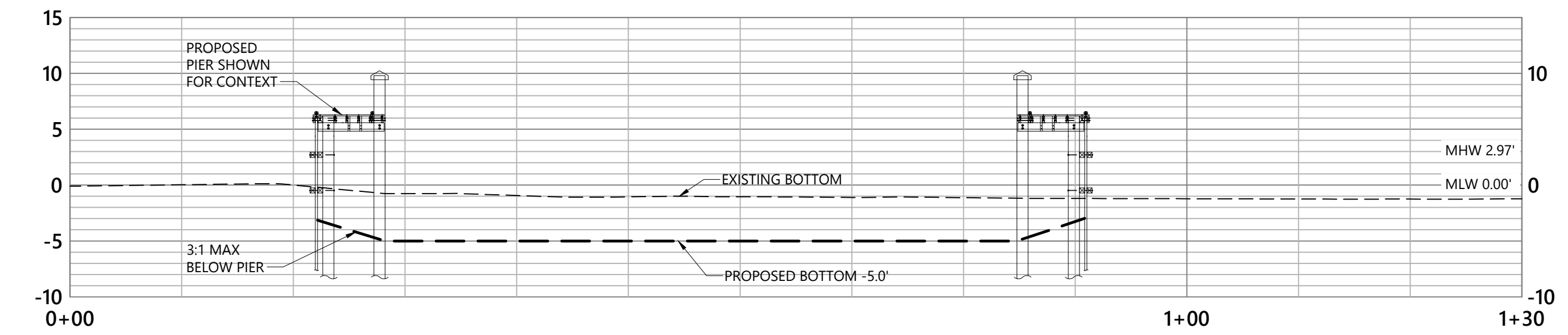
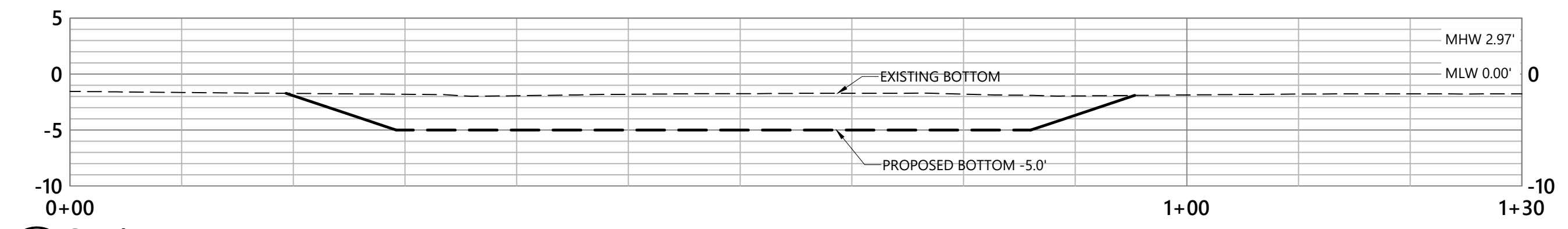
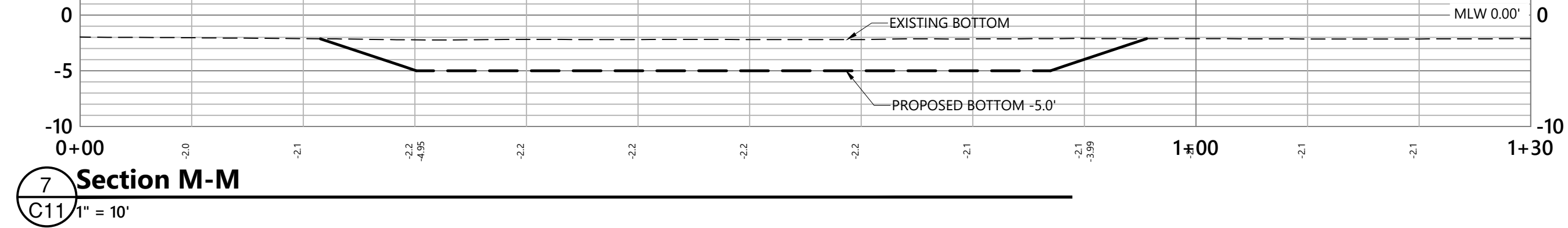
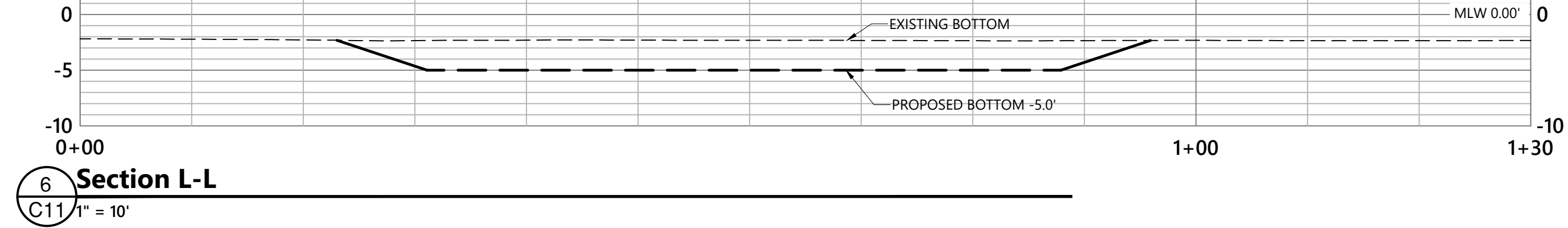
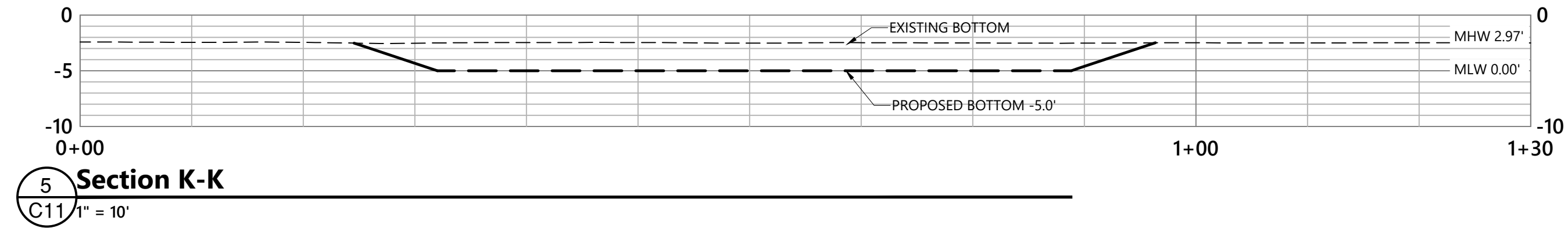
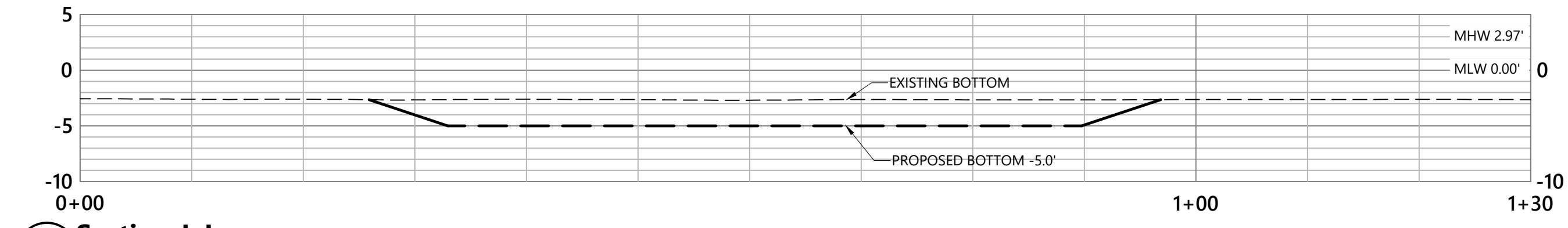
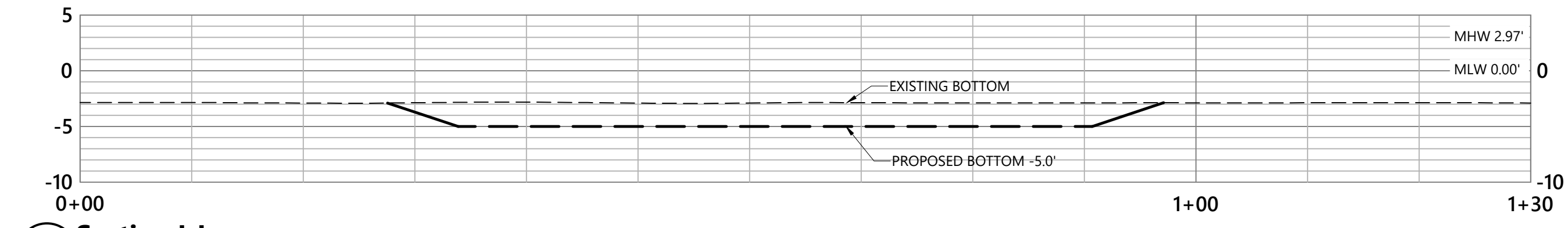
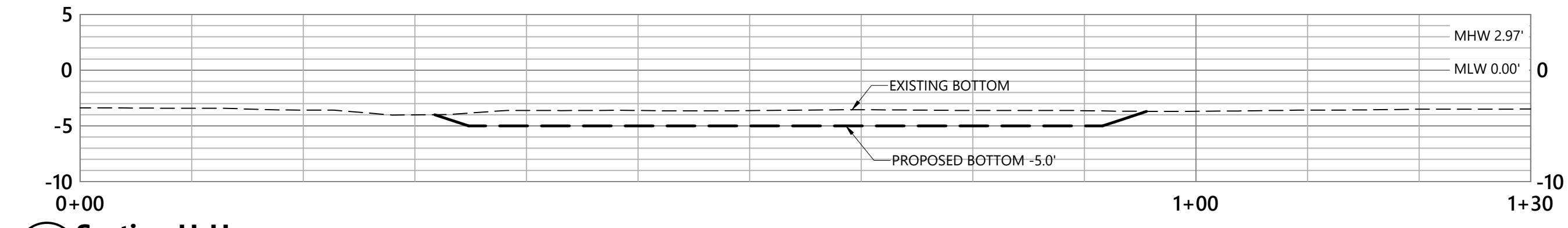
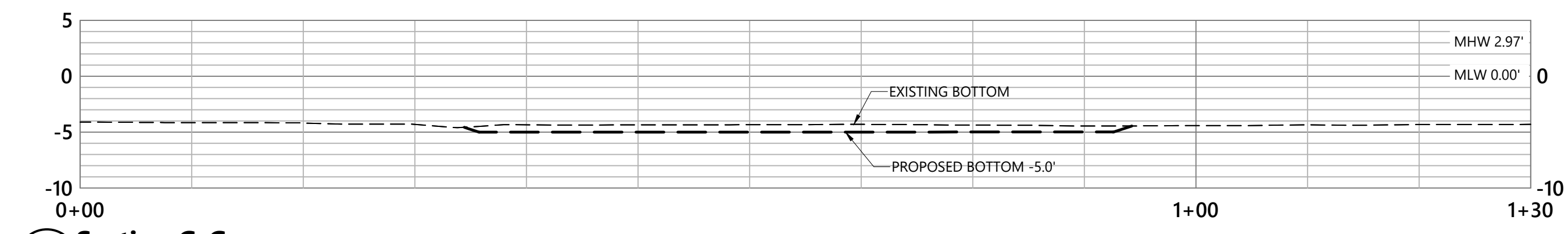
No.	Revision	Date	App'd.

Date: June 27, 2022
DEB Project #: 199-B1199-009
DCR Project #: 199-16646 (627)
Designed By: VND
Drawn By: VND
Checked By: CF/TH

Yokr River State Park
Boat Ramp Pier Replacement and Dredging
Stafford County, Virginia
DRAWING TITLE:
Dredging Plan & Notes

C10

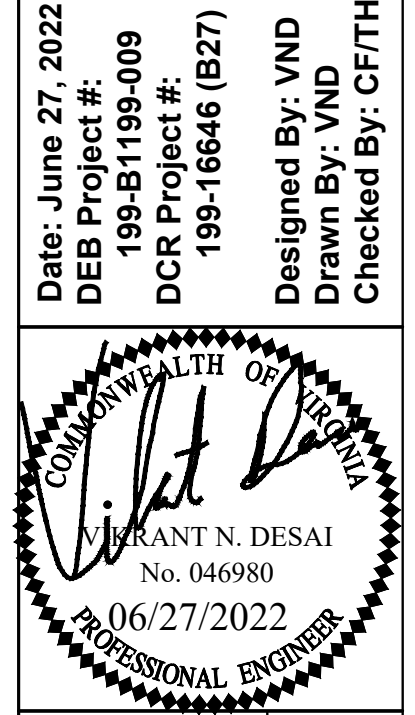
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No.	Revision	Date	Approd.

vhb
Engineers-Scientists-Planners-Designers
351 McLaws Circle, Suite 3
Williamsburg, Virginia 23185
757.220.0500 • FAX 757.220.8544

Date: June 27, 2022
DEB Project #: 199-B1199-009
DCR Project #: 199-16646 (627)
Designed By: VND
Drawn By: VND
Checked By: CF/TH



York River State Park
Boat Ramp Pier Replacement and Dredging
Stafford County, Virginia
DRAWING TITLE:
Dredging Sections

C11

UNIFIED SOIL CLASSIFICATION & SYMBOL CHART																																	
COARSE-GRAINED SOILS (More than 50% of material is larger than No. 200 sieve)																																	
Clean Gravels (Less than 5% fines)																																	
	GW Well-graded gravels, gravel-sand mixtures, little or no fines																																
	GP Poorly-graded gravels, gravel-sand mixtures, little or no fines																																
Gravels with more than 12% fines																																	
	GM Silty gravels, gravel-sand mixtures																																
	GC Clayey gravels, gravel-sand mixtures																																
Clean Sands (Less than 5% fines)																																	
	SW Well-graded sands, gravelly sands, little or no fines																																
	SP Poorly-graded sands, gravelly sands, little or no fines																																
Sands with more than 12% fines																																	
	SM Silty sands, sand-silt mixtures																																
	SC Clayey sands, sand-clay mixtures																																
FINE-GRAINED SOILS (More than 50% of material is smaller than No. 200 sieve)																																	
Inorganic silts and very fine sands, rock flour, silty or clayey fine sands or clayey silts with slight plasticity																																	
	ML Inorganic silts and very fine sands, rock flour, silty or clayey fine sands or clayey silts with slight plasticity																																
	CL Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays																																
	OL Organic silts and organic silty clays of low plasticity																																
	MH Inorganic silts, micaceous or diatomaceous fine sandy or silty soils, elastic silts																																
	CH Inorganic clays of high plasticity, fat clays																																
	OH Organic clays of medium to high plasticity, organic silts																																
	PT Organic clays of medium to high plasticity, organic silts																																
SOIL DENSITY & CONSISTENCY DESCRIPTIONS																																	
<table border="1"> <thead> <tr> <th colspan="2">Coarse-Grained Soil</th> <th colspan="2">Fine-Grained Soil</th> </tr> <tr> <th>N-Value</th> <th>Density</th> <th>N-Value</th> <th>Consistency</th> </tr> </thead> <tbody> <tr> <td>0 - 3</td> <td>Very Loose</td> <td>0 - 1</td> <td>Very Soft</td> </tr> <tr> <td>4 - 8</td> <td>Loose</td> <td>2 - 3</td> <td>Soft</td> </tr> <tr> <td>9 - 23</td> <td>Medium Dense</td> <td>4 - 6</td> <td>Medium Stiff</td> </tr> <tr> <td>24 - 38</td> <td>Dense</td> <td>7 - 12</td> <td>Stiff</td> </tr> <tr> <td>> 38</td> <td>Very Dense</td> <td>13 - 23</td> <td>Very Stiff</td> </tr> <tr> <td></td> <td></td> <td>> 23</td> <td>Hard</td> </tr> </tbody> </table>		Coarse-Grained Soil		Fine-Grained Soil		N-Value	Density	N-Value	Consistency	0 - 3	Very Loose	0 - 1	Very Soft	4 - 8	Loose	2 - 3	Soft	9 - 23	Medium Dense	4 - 6	Medium Stiff	24 - 38	Dense	7 - 12	Stiff	> 38	Very Dense	13 - 23	Very Stiff			> 23	Hard
Coarse-Grained Soil		Fine-Grained Soil																															
N-Value	Density	N-Value	Consistency																														
0 - 3	Very Loose	0 - 1	Very Soft																														
4 - 8	Loose	2 - 3	Soft																														
9 - 23	Medium Dense	4 - 6	Medium Stiff																														
24 - 38	Dense	7 - 12	Stiff																														
> 38	Very Dense	13 - 23	Very Stiff																														
		> 23	Hard																														

Draper Aden Associates
Engineering • Surveying • Environmental Services

LOG SYMBOLS
 Subsurface water first encountered
 Cave-in

LABORATORY CLASSIFICATION CRITERIA

GW: $C_u = D_{60}/D_{10} > \text{or equal to } 4$ & $C_c = D_{30}/(D_{10} \cdot D_{60})$ between 1 & 3

GP: Not meeting all gradation requirements for GW

GM: Atterberg limits below "A" line or PI less than 4

GC: Atterberg limits above "A" line with PI greater than 7

SW: $C_u = D_{60}/D_{10} > \text{or equal to } 6$ & $C_c = D_{30}/(D_{10} \cdot D_{60})$ between 1 & 3

SP: Not meeting all gradation requirements for SW

SM: Atterberg limits below "A" line or PI less than 4

SC: Atterberg limits above "A" line with PI greater than 7

Determine percentages of sand and gravel from grain-size curve. Depending on percentage of fines (fraction smaller than No. 200 sieve), coarse-grained soils are classified as follows:

Less than 5%.....GW, GP, SW, SP
 More than 12%.....GM, GC, SM, SC
 5% to 12%.....Borderline cases requiring dual symbols

PLASTICITY CHART

MOISTURE DESCRIPTIONS

DRY: No apparent moisture, dusty

DAMP: Apparent moisture, below Plastic Limit

MOIST: Significant moist, at or above the Plastic Limit, can be rolled into a 1/8" thread

WET: Appears saturated, free water in voids and pores



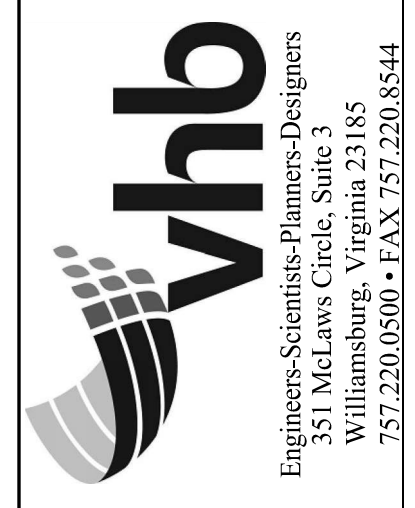
B-1
(1 of 1)

Client: RES		Project No.: 2101261								
Project: Croaker Landing Piers		Driller: Fishburne								
Location: Williamsburg, Virginia		Method: Mud Rotary								
Total Depth	Elev GS	Logged by	Completion Date							
25.0'	3.0'	KL	September 9, 2021							
Elev.	Depth	DESCRIPTION (USCS)	Blow Counts/Recovery (%)	N Value	PP (tsf)	% Fines	% H ₂ O	LL	PI	REMARKS
	0	Brown, very loose to medium dense, WELL GRADED SAND (SW), moist	1-1-2	2						
	4.4		4-4-3-1	7						
	5		2-5-4-2	9	3.8	21.7	NP	NP		
	1	Gray, medium dense, WELL GRADED SAND (SW), moist								
	2	Brown, loose, WELL GRADED SAND (SW), moist	1-2-2-2	4						
	3	Gray, medium stidd, CLAYEY SAND (SC) with shell fragments, moist								
	4	Gray, very soft FAT CLAY (CH), moist to wet	0-0-0-0	0						
	10									
	15		0-0-0-0	0						
	20		0-0-0-0	0						
	21	Gray to green, soft, Sandy SILT (ML), wet	2-1-2-4	3	56.4	33.2	42	14		
	25	Bottom of borehole at 25.0 feet. Termination at 25 feet - Target Depth								



B-2A
(1 of 1)

Client: RES		Project No.: 2101261								
Project: Croaker Landing Piers		Driller: Fishburne								
Location: Williamsburg, Virginia		Method: Mud Rotary								
Total Depth	Elev GS	Logged by	Completion Date							
25.0'	3.0'	KL	September 9, 2021							
Elev.	Depth	DESCRIPTION (USCS)	Blow Counts/Recovery (%)	N Value	PP (tsf)	% Fines	% H ₂ O	LL	PI	REMARKS
	0	No Sample								Auger Only - No Sample
	4.4									Auger Only - No Sample
	5									Auger Only - No Sample
	13	Dark gray, very soft, FAT CLAY (CH) with Sand, shell fragments at 13 feet, wet	0-0-0-0	0						
	15		0-0-0-0	0	91.7	110.2	92	61		
	20	Gray to green with brown mottling, medium stiff, sandy SILT (ML), wet.	2-3-3-3	6						
	25		3-3-3-3	6						
	25	Bottom of borehole at 25.0 feet. Termination at 25 feet - Target Depth								



Date: June 27, 2022
 DEB Project #: 199-B1199-009
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 Designed By: VND
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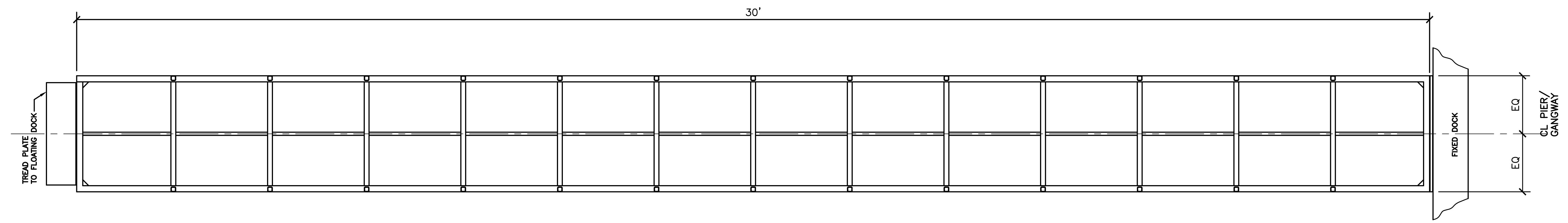
Notes

- REFER TO GEOTECHNICAL ENGINEERING REPORT - YORK RIVER STATE PARK - CROAKER LANDING IMPROVEMENTS, DATED OCTOBER 21, 2021 BY DRAPER ADEN ASSOCIATES FOR ADDITIONAL INFORMATION.
- THE GEOTECHNICAL ENGINEERING REPORT IS INCLUDED WITHIN PROJECT MANUAL.

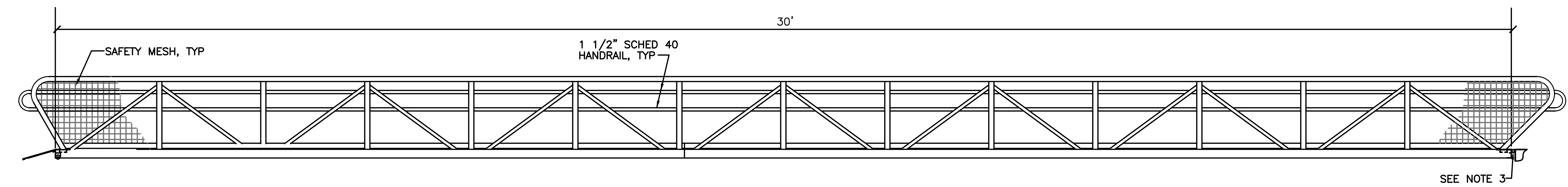
Yokr River State Park
 Boat Ramp Pier Replacement and Dredging
 Stafford County, Virginia
 DRAWING TITLE:
 Boring Logs

C12

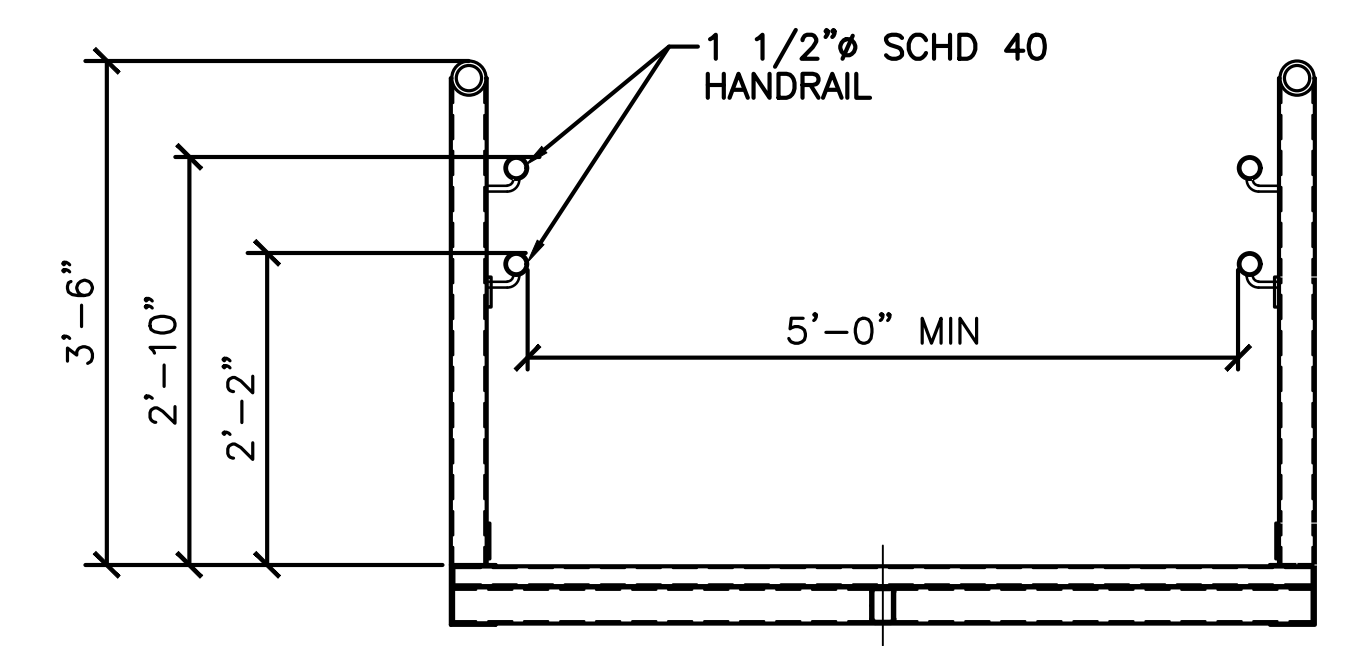
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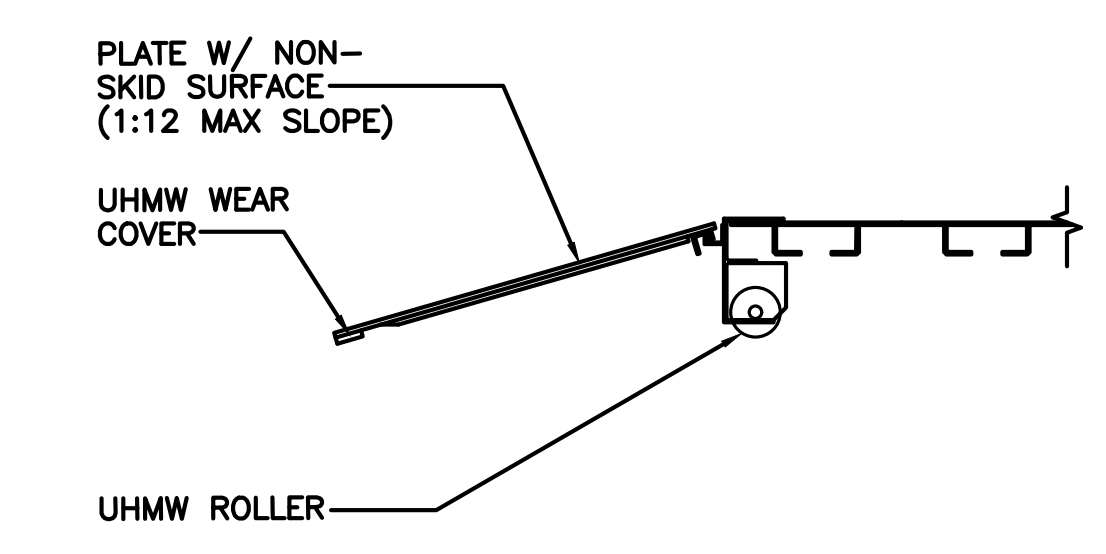
Aluminum Gangway - Plan
N.T.S.



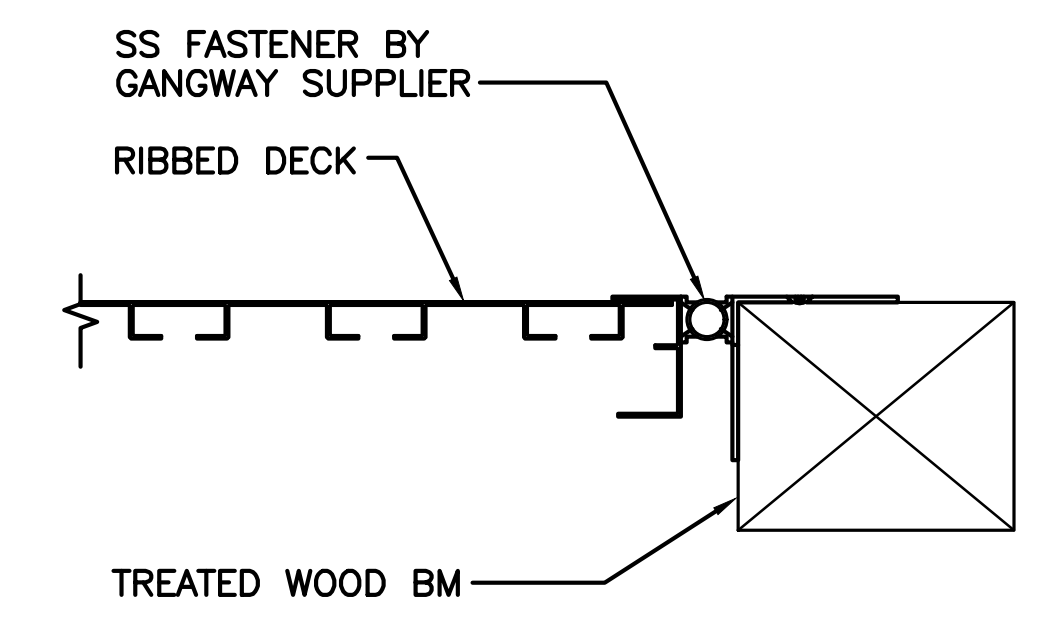
Aluminum Gangway - Elevation
N.T.S.



Aluminum Gangway - Section
N.T.S.



Gangway Connection at Floating Dock
N.T.S.

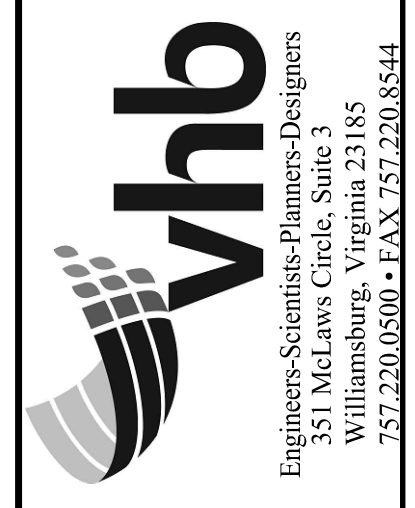


Gangway Connection at Fixed Pier
N.T.S.

Notes

1. THE WORK SHOWN ON THIS SHEET DOES NOT REQUIRE A SEAL BY A LICENSED PROFESSIONAL ENGINEER IN ACCORD WITH VCC 108.2 EXEMPTIONS FROM APPLICATION FOR PERMIT.
2. CONTRACTOR SHALL SUBMIT SIGNED AND SEALED DRAWINGS AND CALCULATIONS FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION.
3. CONTRACTOR SHALL SUBMIT SIGNED AND SEALED DRAWINGS AND CALCULATIONS FOR GANGWAY CONNECTION TO PROPOSED FIXED TIMBER PIER FOR REVIEW AND APPROVAL.

No.	Revision	Date	Appr.



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 Drawn By: VND
 Checked By: CF/TH

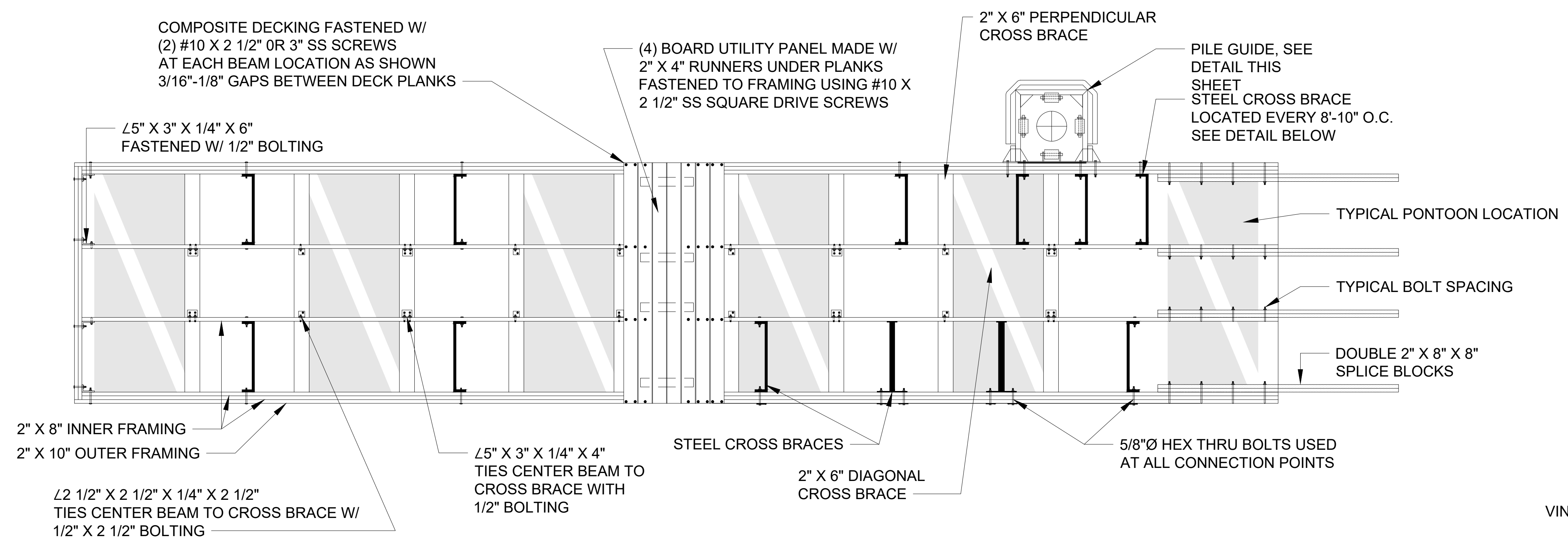
York River State Park
 Boat Ramp Pier Replacement and Dredging
 Stafford County, Virginia
 DRAWING TITLE:
Aluminum Gangway

(FOR INFORMATIONAL PURPOSES ONLY)

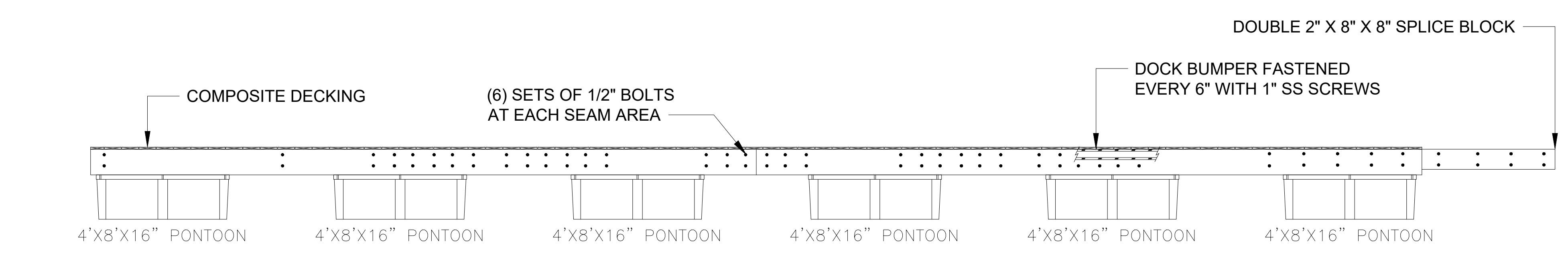
R1

WORKING DRAWINGS

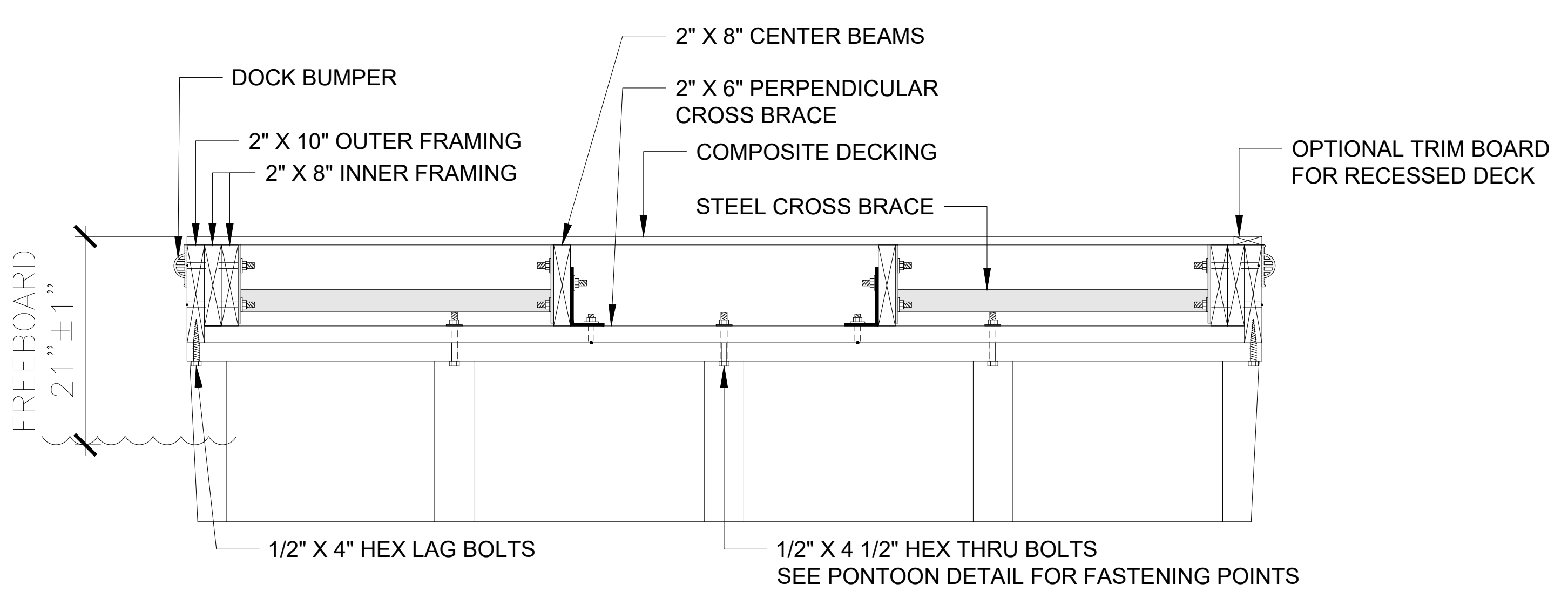
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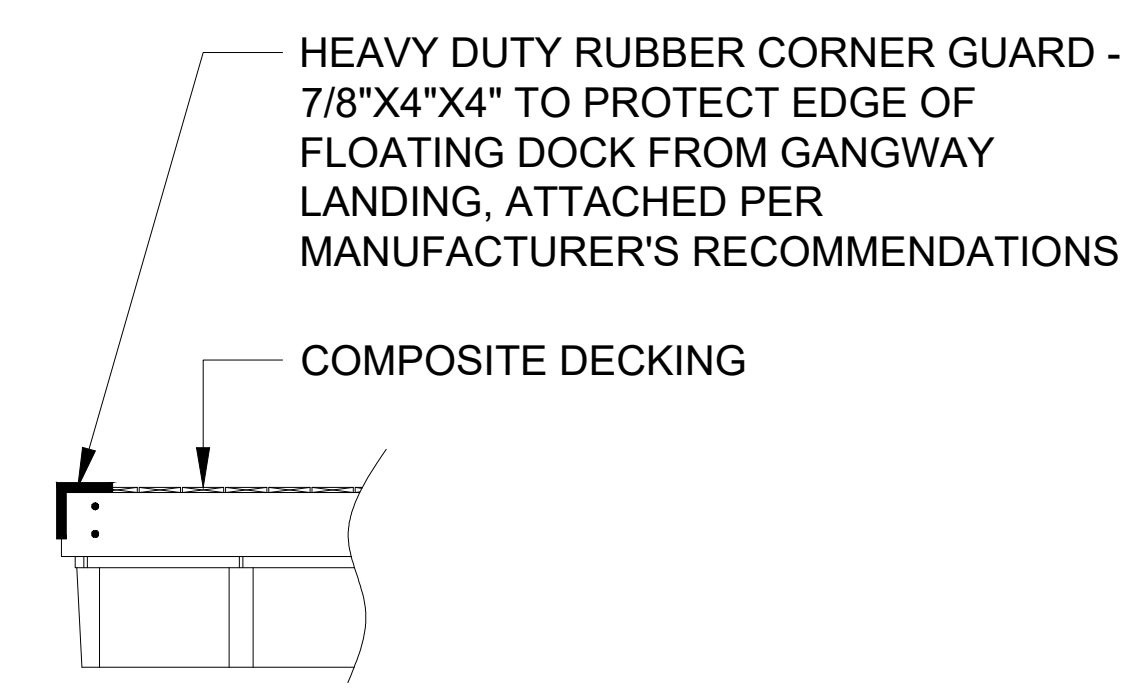
Plan View - Typical Section
Scale: N.T.S



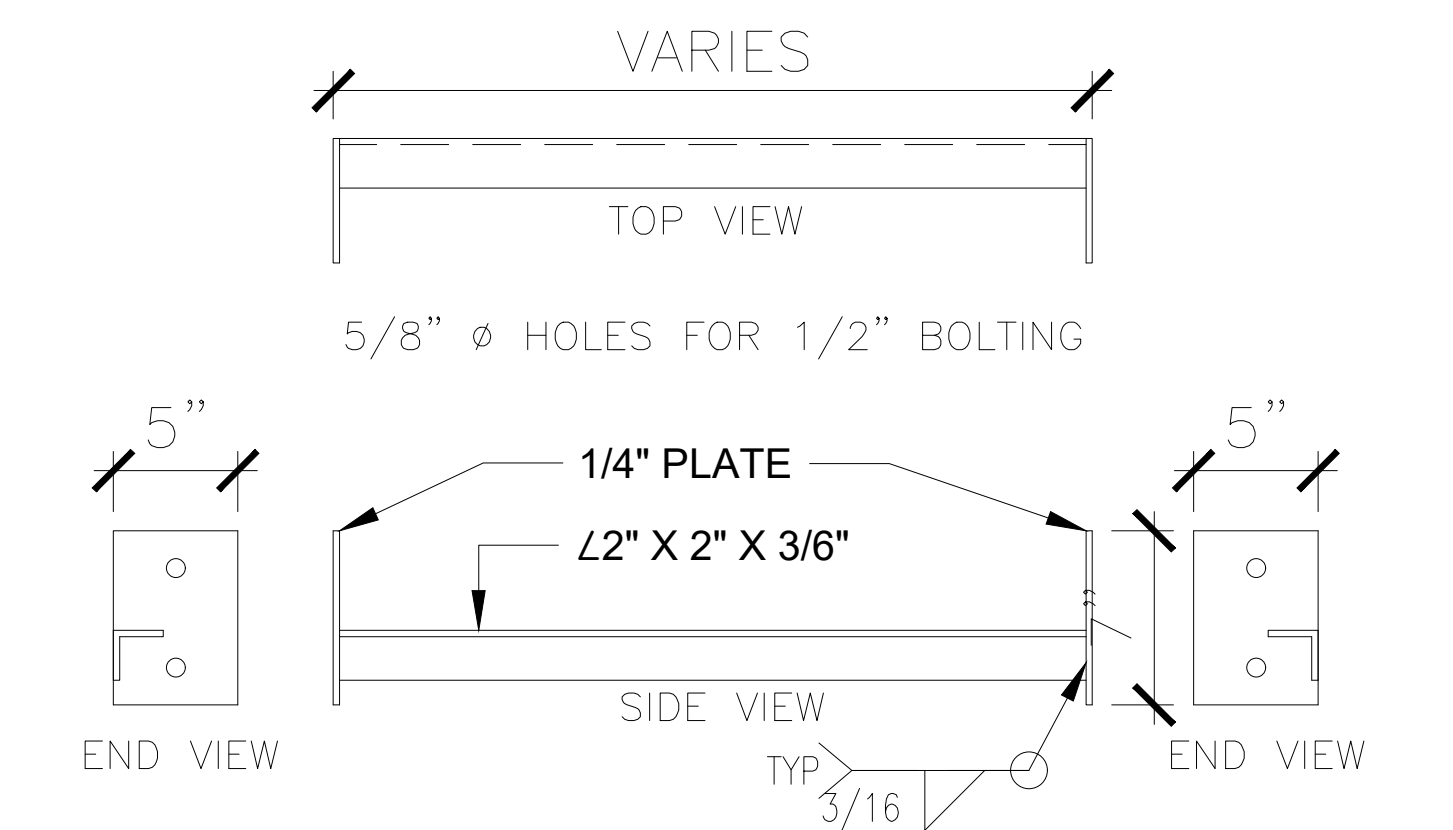
Side Elevation - Typical Section
Scale: N.T.S



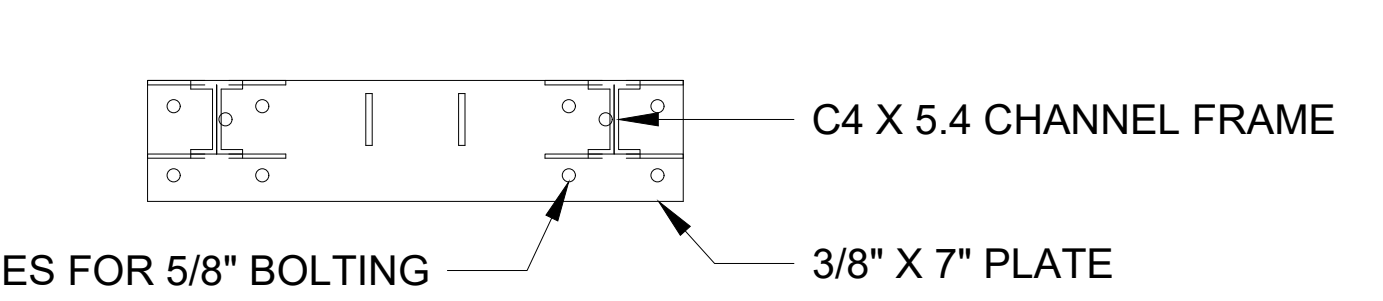
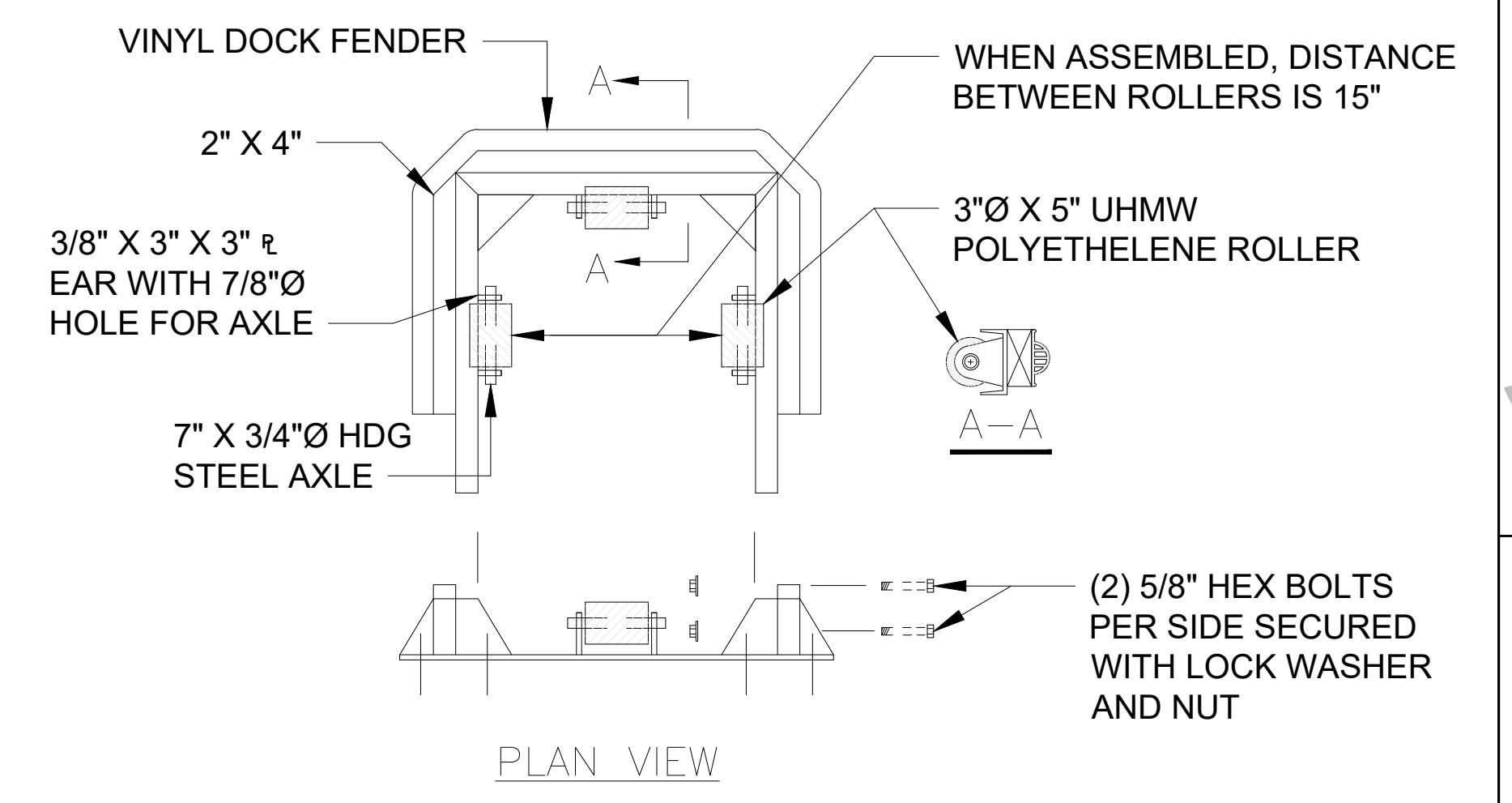
Section View - Typical Section
Scale: N.T.S



Edge Protection - Gangway Landing
Scale: N.T.S



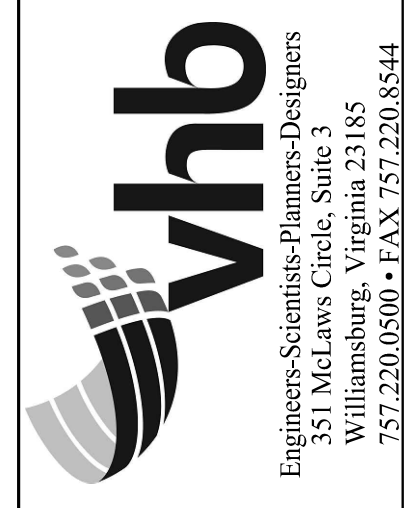
Steel Cross Brace
Scale: N.T.S



Roller Removable Pile Guide
Scale: N.T.S

- Notes**
1. THE WORK SHOWN ON THIS SHEET DOES NOT REQUIRE A SEAL BY A LICENSED PROFESSIONAL ENGINEER IN ACCORD WITH VCC 108.2 EXEMPTIONS FROM APPLICATION FOR PERMIT.
 2. CONTRACTOR SHALL SUBMIT SIGNED AND SEALED DRAWINGS AND CALCULATIONS FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION.

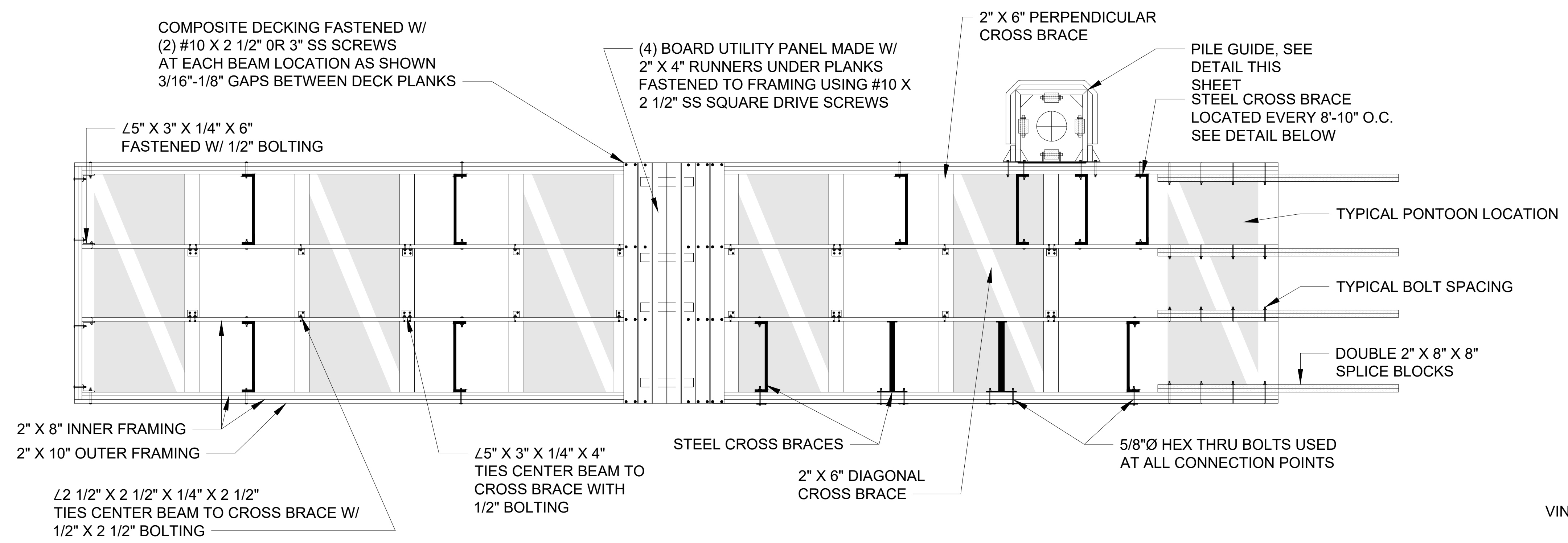
No.	Revision	Date	App'd.



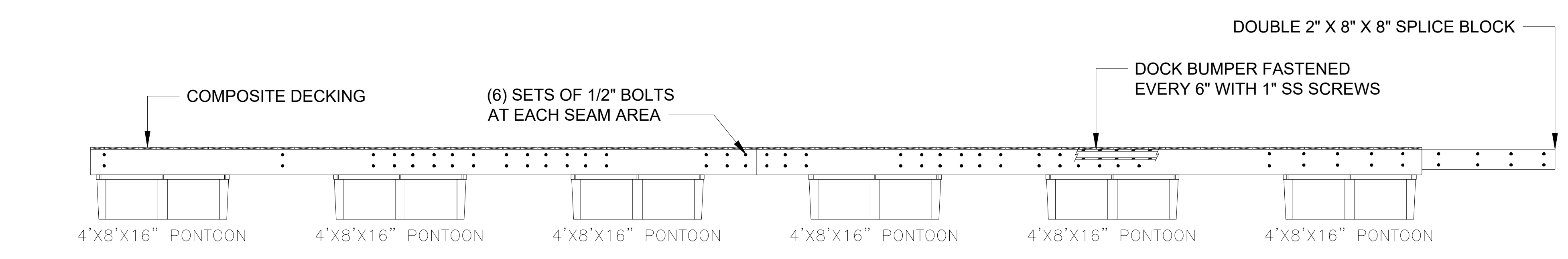
Date: June 27, 2022
DEB Project #: 199-B1199-009
DCR Project #: 199-16646 (627)
Designed By: VND
Drawn By: VND
Checked By: CF/TH

York River State Park
Boat Ramp Pier Replacement and Dredging
Stafford County, Virginia
DRAWING TITLE:
Floating Dock

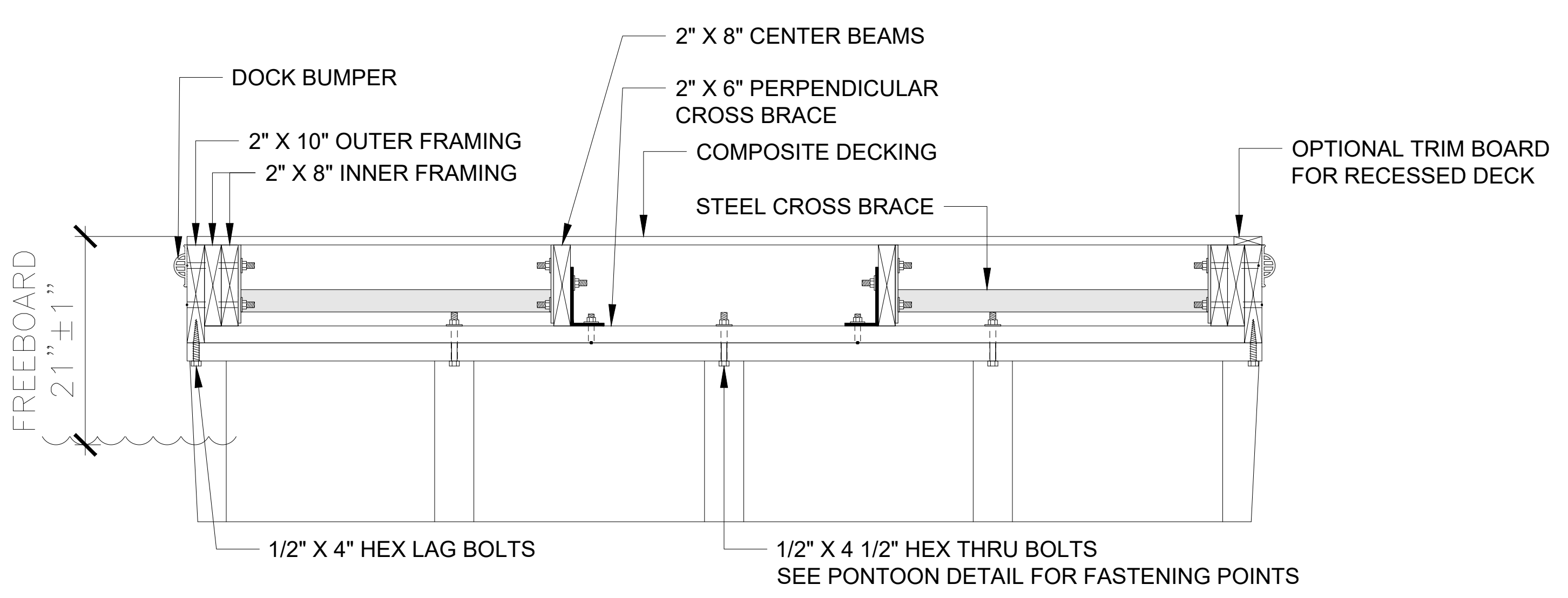
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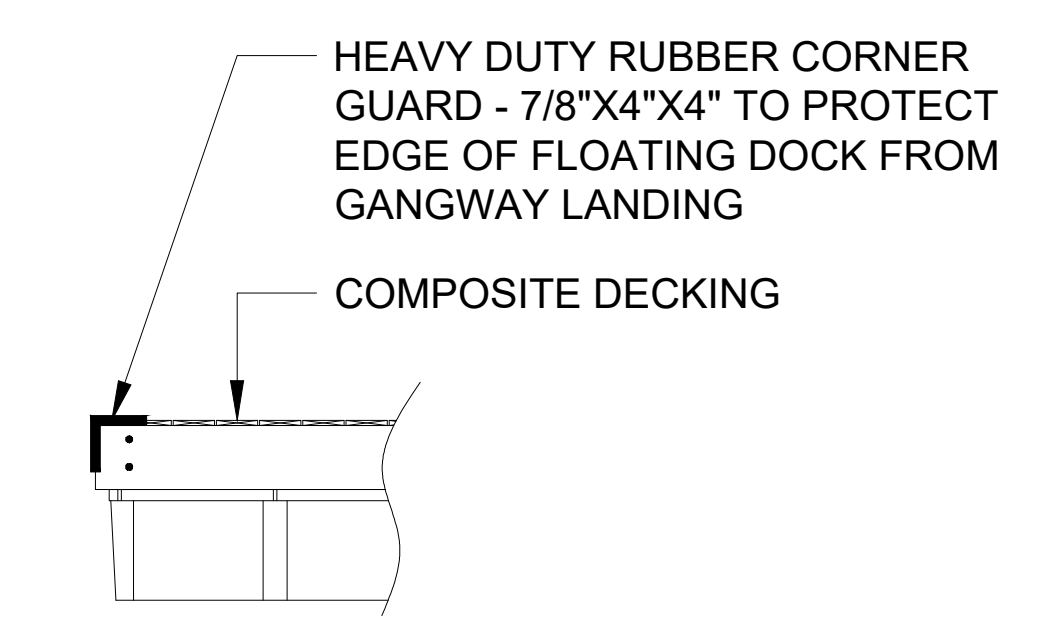
Plan View - Typical Section
Scale: N.T.S



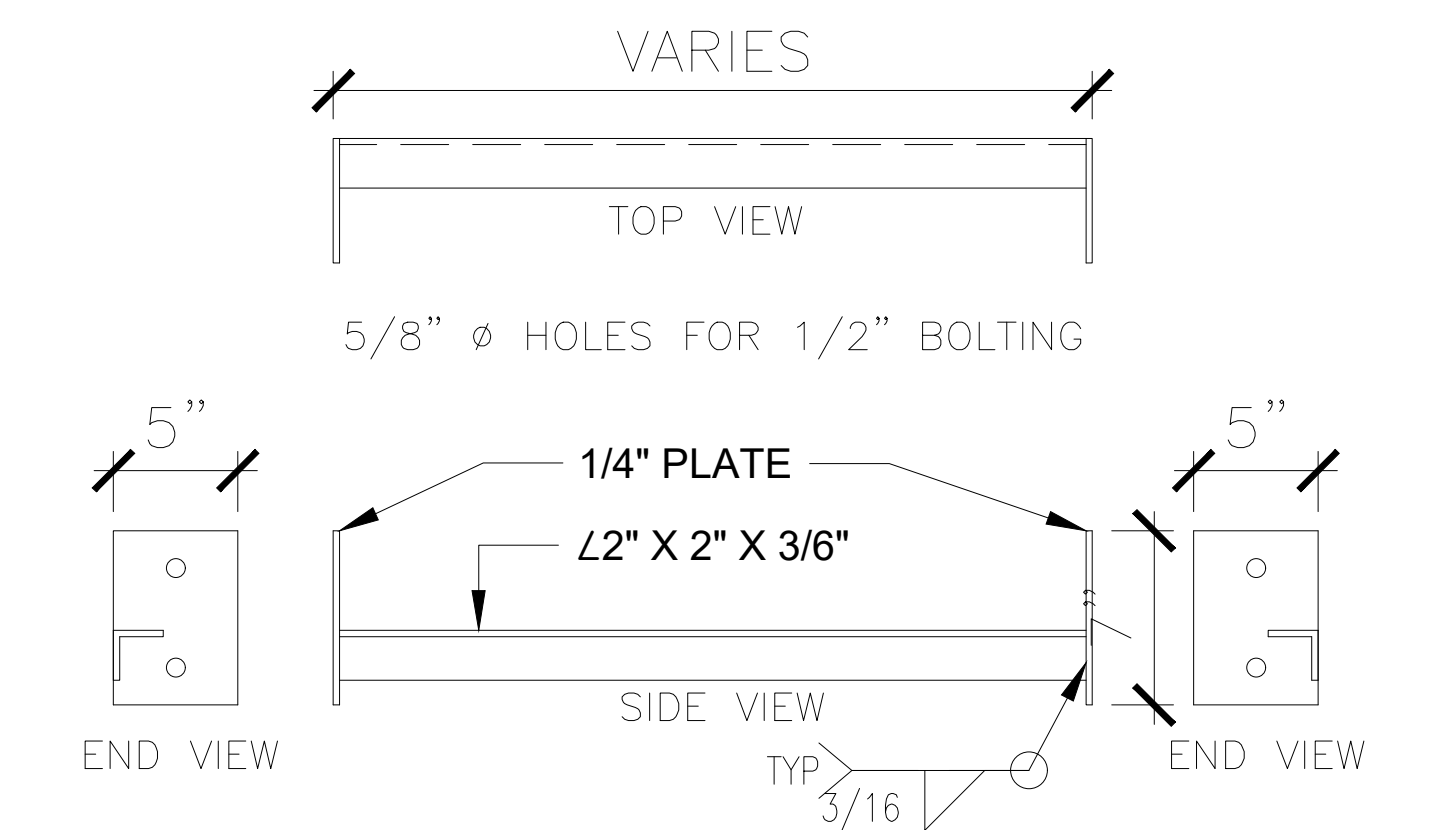
Side Elevation - Typical Section
Scale: N.T.S



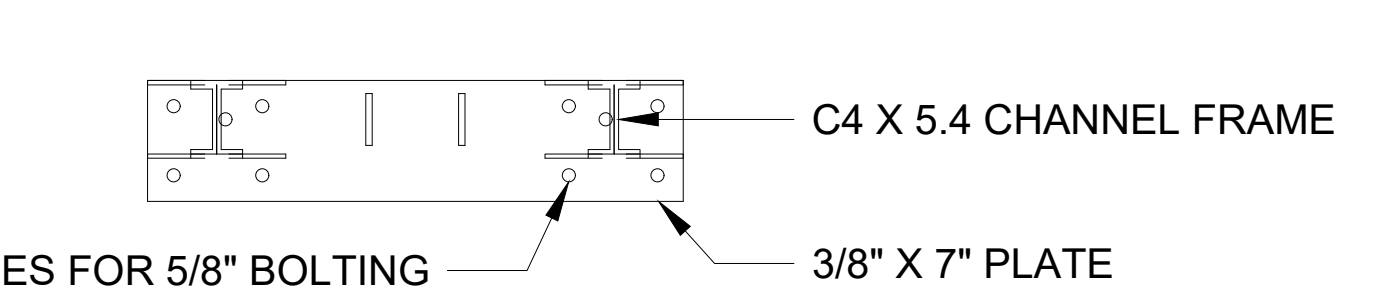
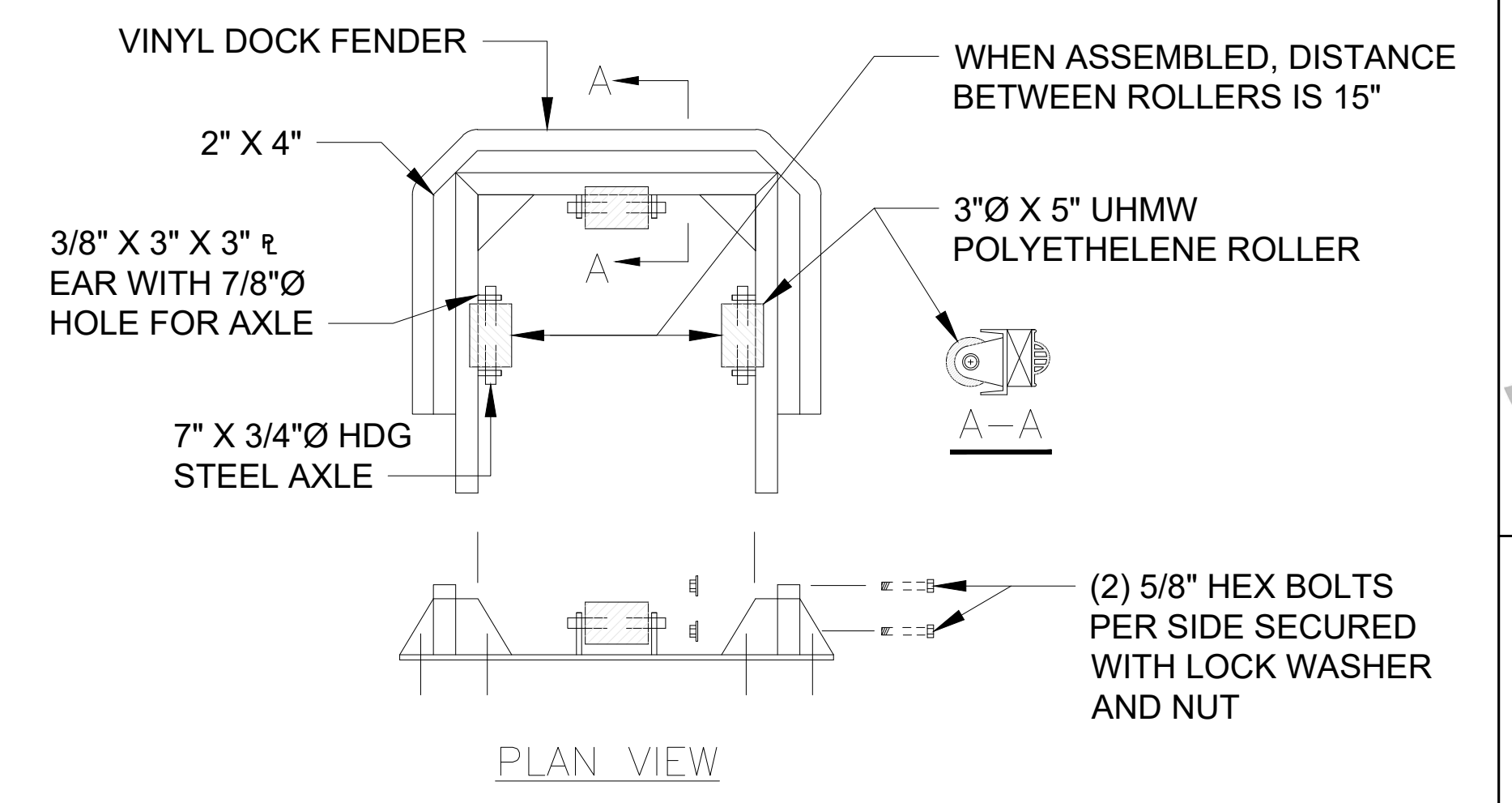
Section View - Typical Section
Scale: N.T.S



Edge Protection - Gangway Landing
Scale: N.T.S



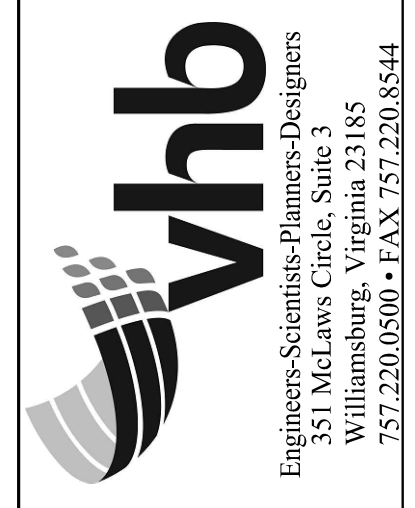
Steel Cross Brace
Scale: N.T.S



Roller Removable Pile Guide
Scale: N.T.S

- Notes**
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No.	Revision	Date	App'd.



Date: June 27, 2022
 DEB Project #: 199-B1199-009
 DCR Project #: 199-16646 (627)
 Designed By: VND
 Drawn By: VND
 Checked By: CF/TH

York River State Park
 Boat Ramp Pier Replacement and Dredging
 Stafford County, Virginia
 DRAWING TITLE:
Floating Dock

Case Number: CBPA-22-0159

PIN	Last Name	Address Line 1	City	State	Zip
0740100008	AL SANABANI, FARIS	14302 FULFORD CT	MIDLOTHIAN	VA	23113-6336
0740100010	ALSANABANI, ADAM FARIS	9343 SYCAMORE LANDING RD	WILLIAMSBURG	VA	23188-1266
0740100009	ALSANABANI, ADAM FARIS	9343 SYCAMORE LANDING RD	WILLIAMSBURG	VA	23188-1266
1640900003	ANDREWS, OBEDIAH JR TRUSTEE &	108 GREENWAY CIR	WILLIAMSBURG	VA	23188-6800
1540200062	BRAGG, JAMES D JR & CARYL ANN	8236 WRENFIELD DR	WILLIAMSBURG	VA	23188-9333
0740300010	CAMDEN, JOHNNY L TRUSTEE & DIANE M T	504 BENVENUE FARMS RD	LITTLE PLYMOUTH	VA	23091-2167
1540100011	CHANDLER, KENNETH	7900 NEWMAN RD	WILLIAMSBURG	VA	23188-9312
1540100011	CHANDLER, KENNETH	7900 NEWMAN RD	WILLIAMSBURG	VA	23188-9312
1540100011	CHANDLER, KENNETH	7900 NEWMAN RD	WILLIAMSBURG	VA	23188-9312
1630100001	CHANDLER, KENNETH	7900 NEWMAN RD	WILLIAMSBURG	VA	23188-9312
1630100002	CHANDLER, NORMA ROBINETTE	6095 RIVERVIEW RD	WILLIAMSBURG	VA	23188-6802
0830100002	COMM OF VA DIV OF PARKS	203 GOVERNOR ST ~STE 306	RICHMOND	VA	23219-2049
0840100001	COMMONWEALTH OF VIRGINIA	1111 E MAIN ST	RICHMOND	VA	23219-3531
1640100003	COMMONWEALTH OF VIRGINIA DEPARTMENT	600 E MAIN ST ~FL 24	RICHMOND	VA	23219-2440
1510100005	COMMONWEALTH OF VIRGINIA DEPARTMENT	203 GOVERNOR STREET	RICHMOND	VA	23219-2094
1540200067	COOK, JOHN W & DEBBIE G	8216 WRENFIELD DR	WILLIAMSBURG	VA	23188-9333
0740100012	COULTER, LERA CUNNINGHAM	3203 PRISTINE VW	WILLIAMSBURG	VA	23188-2437
1630100007	CROSSROAD PROPERTIES LLC	PO BOX 5671	WILLIAMSBURG	VA	23188-5210
0740300009	DANNON, JOHN H & PAMELA P	9510 SYCAMORE LANDING RD	WILLIAMSBURG	VA	23188-1244
0740300008	EDLUND, MAURICE E; II & ALEXANDRIA W	5200 IVEY LN	WILLIAMSBURG	VA	23188-1269
1640900002	EVANS, PETER S TRUSTEE &	109 GREENWAY CIR	WILLIAMSBURG	VA	23188-6800
1630100002A	FARNSWORTH, NORMAN WAYNE & NORMA FAY	6099 RIVERVIEW RD	WILLIAMSBURG	VA	23188-6802
1640300001	FORREST, RONALD FELTON TRUSTEE	123 FOUR MILE TREE	WILLIAMSBURG	VA	23188-6835
1510400002	GARRISH, WILSON J & MARTHA K	PO BOX 272	OCRACOKE	NC	27960-0272
0830200007	GRIGSBY, DONNER W TRUSTEE &	5208 IVEY LN	WILLIAMSBURG	VA	23188-1269
1510300002	HALL, CHARLES N	124 TIMBERWOOD DR	WILLIAMSBURG	VA	23188-1211
0740100011A	HAZELAAR, JOSEPH M & JESSICA S	9219 CROAKER RD	WILLIAMSBURG	VA	23188-1239
1420400011	HELMS, LARRY W	4641 MASSENA DR	WILLIAMSBURG	VA	23188-1261
0740100011B	HERMAN, LESLIE A	9227 CROAKER RD	WILLIAMSBURG	VA	23188-1239
1420400014	HILSTROM, ARTHUR C III & MICHELLE D	4653 MASSENA DR	WILLIAMSBURG	VA	23188-1261
1420400009	HUDIK, RONALD JOHN JR & STEPHANIE BR	4633 MASSENA DR	WILLIAMSBURG	VA	23188-1261
0740100015	JAMES CITY COUNTY	PO BOX 8784	WILLIAMSBURG	VA	23187-8784
1540200001A	JAMES CITY SERVICE AUTHORITY	119 TEWNING RD	WILLIAMSBURG	VA	23188-2639
0740100006	JONES, MATTHEW EDWARD & LYNDIA BETH	104 CARRS HILL RD	WILLIAMSBURG	VA	23188-6627
1530400002	JONES-WANNER, JUDITH & WANNER,	5546 RIVERVIEW RD	WILLIAMSBURG	VA	23188-6731
1420400012	JOYNER, CHARLES R TRUSTEE	701 LONDON COMPANY WAY	WILLIAMSBURG	VA	23185-2343
0740100011E	JOYNER, COLE E & MEGAN J	9305 CROAKER RD	WILLIAMSBURG	VA	23188-1241
1420400010	JURASEK, FRANK M JR & NANCY J	4637 MASSENA DR	WILLIAMSBURG	VA	23188-1261
1420400016	KASTE, JAMES M & HEATHER F	4661 MASSENA DR	WILLIAMSBURG	VA	23188-1261
1630100003	KISH, EMIL J JR TRUSTEE &	6103 RIVERVIEW RD	WILLIAMSBURG	VA	23188-6804
1540200064	LACKEY, SAMUEL F TRUSTEE & BERNADETT	8228 WRENFIELD DR	WILLIAMSBURG	VA	23188-9333
1540200063	LAMB, DOUGLAS E & COLEEN C	8232 WRENFIELD DR	WILLIAMSBURG	VA	23188-9333
1420400013	LORENZEN, KAITLIN ELIZABETH SHAY &	4649 MASSENA DR	WILLIAMSBURG	VA	23185-1261
1540200069	LORENZEN, KENNETH TRUSTEE & VIVIEN T	8208 WRENFIELD DR	WILLIAMSBURG	VA	23188-9313

Case Number: CBPA-22-0159

0740100011D	LUCAS, GARLAND W JR & BARBARA G	9311 CROAKER RD	WILLIAMSBURG	VA	23188-1241
1630100005	LUSK, REBECCA O	6163 RIVERVIEW RD	WILLIAMSBURG	VA	23188-6804
1510400003	MANN, KATHERINE GALLAGHER TRUSTEE &	420 STONEHOUSE RD	WILLIAMSBURG	VA	23188-1200
1540200061	MEADOWS, EARL L & SARA L	8240 WRENFIELD DR	WILLIAMSBURG	VA	23188-7928
1630100004C	MINOR, CRYSTAL L	6113 RIVERVIEW RD	WILLIAMSBURG	VA	23188-6804
1630100004B	MINOR, RAYMOND N & VIRGINIA M	168 SADDLETOWN RD	WILLIAMSBURG	VA	23188-6709
	Mr. Anthony Loubier	351 McClaws Circle	Williamsburg	VA	23185
0830200006	NELSON, THOMAS B & PATRICIA A	PO BOX 127	NORGE	VA	23127-0127
0740100016	NEWAGO, JUNE M	9150 CROAKER RD	WILLIAMSBURG	VA	23188-1236
0740100011F	PARSONS, HOWARD & NANCY	9301 CROAKER RD	WILLIAMSBURG	VA	23188-1241
1510400004B	PHILLIPS, ROBIN N & LEACH, CHARLES H	398 STONEHOUSE RD	WILLIAMSBURG	VA	23188-1209
1540200068	REID, NICHOLAS B & LORI M	8212 WRENFIELD DR	WILLIAMSBURG	VA	23188-9333
1640500013	SOLANO, DAVID & CAROLYN	128 FOUR MILE TREE	WILLIAMSBURG	VA	23188-6833
1510500002	SURMA, GARY A & TONI J	117 WHITE ACRE RD	WILLIAMSBURG	VA	23188-1202
1510400004	SWAN, KENNETH SCOTT & JODI LYNN	410 STONEHOUSE RD	WILLIAMSBURG	VA	23188-1217
1540200065	TAYLOR, JOHN D	8224 WRENFIELD DR	WILLIAMSBURG	VA	23188-9333
1640900001	THACKER, GREGORY B & SUSAN C	101 RIVERVIEW PLANTATION DR	WILLIAMSBURG	VA	23188-6817
1640900001A	THACKER, GREGORY B & SUSAN C	101 RIVERVIEW PLANTATION DR	WILLIAMSBURG	VA	23188-6817
1420400017	VREELAND, KAREN A	4665 MASSENA DR	WILLIAMSBURG	VA	23188-1261
1510500003	WALLACE, JAMES E & DANA DIESEL	116 WHITE ACRE RD	WILLIAMSBURG	VA	23188-1202
1640500014	WALLIG, GREGORY W & VIRGINIA G	2385 N DANVILLE ST	ARLINGTON	VA	22207-4923
1540100004	WALLIS, MILLY	5624 RIVERVIEW RD	WILLIAMSBURG	VA	23188-6734
1420400001A	WARE CREEK MANOR ASSOC,	600 THIMBLE SHOALS BLVD	NEWPORT NEWS	VA	23606-2598
1420400015	WHITACRE, EDWARD J &	4657 MASSENA DR	WILLIAMSBURG	VA	23188-1261
1540200066	WHITE, PAUL H & LORETTA D	8220 WRENFIELD DR	WILLIAMSBURG	VA	23188-9333
0830200005	WOODWARD, ELSIE C	5224 IVEY LN	WILLIAMSBURG	VA	23188-1269
0830200005	WOODWARD, ELSIE C	5224 IVEY LN	WILLIAMSBURG	VA	23188-1269
0830200005	WOODWARD, ELSIE C	5224 IVEY LN	WILLIAMSBURG	VA	23188-1269
1410100013	YORK RIVER ESTATES, LC	403 E GRACE CT	RICHMOND	VA	23219-1837



General Services
107 Tewning Road
Williamsburg, VA 23188
P: 757-259-4080
General.Services@jamescitycountyva.gov
jamescitycountyva.gov

Capital Projects
107 Tewning Road
Williamsburg, VA 23188
757-259-4080

Fleet
103 Tewning Road
Williamsburg, VA 23188
757-259-4122

**Stormwater and
Resource Protection**
101-E Mounts Bay Road
Williamsburg, VA 23185
757-259-6670

Facilities & Grounds
113 Tewning Road
Williamsburg, VA 23188
757-259-4080

Solid Waste
1204 Jolly Pond Road
Williamsburg, VA 23188
757-565-0971

«Last_Name»
«Address_Line_1»
«City», «State» «Zip_Code»

RE: CBPA-22-0159
9801 York River Park Road
Construction of a new ADA
accessible parking space

January 18, 2023

Dear Adjacent Property Owner:

In accordance with State and County Codes, this letter is to notify you that a request has been filed with the James City County Chesapeake Bay Board by Mr. Anthony Loubier and Mr. Vikrant Desai, VHB, on behalf of Commonwealth of Virginia Division of Parks for encroachments into the Resource Protection Area (RPA) buffer for the construction of a new ADA accessible parking space on property located at 9801 York River Park Road, JCC Tax Map Parcel No. 0830100002.

A complete description, plan and other information are on file in the Stormwater and Resource Protection Division and are available for inspection during normal business hours, should anyone desire to review them.

The Chesapeake Bay Board will hold an advertised public hearing on **Wednesday, February 8, 2023, at 5:00 p.m.**, in the Board Room of Building F, 101 Mounts Bay Road, James City County, Virginia, at which time you may request to speak on the above referenced project.

Sincerely,

Trevor Long

Trevor Long
Chesapeake Bay Board Secretary
757-253-6789
trevor.long@jamescitycountyva.gov



PUBLIC HEARING NOTICE

THE CHESAPEAKE BAY BOARD OF JAMES CITY COUNTY, VIRGINIA, WILL HOLD PUBLIC HEARINGS ON **WEDNESDAY FEBRUARY 8, 2023, AT 5 P.M.** IN THE COUNTY GOVERNMENT CONFERENCE ROOM OF BUILDING F, 101 MOUNTS BAY ROAD, JAMES CITY COUNTY, VIRGINIA.

THE CHESAPEAKE BAY BOARD WILL CONSIDER THE FOLLOWING CASES:

CBPA-22-0150: The property owner has applied for a Chesapeake Bay Exception for encroachments into the Resource Protection Area (RPA) buffer for the construction and approval of a walkway surrounding a raised garden bed, a greenhouse, deck, pergola, and two sheds on property located at 112 Discover Ln, JCC Parcel No. 4730500020.

CBPA-22-0159: Mr. Anthony Loubier and Mr. Vikrant Desai, VHB, have applied for a Chesapeake Bay Exception on behalf of Commonwealth of Virginia Division of Parks for encroachments into the RPA buffer for the construction of a new ADA accessible parking space on property located at 9801 York River Park Road, JCC Parcel No. 0830100002.

Appeals from decisions under the Chesapeake Bay Preservation Ordinance may also be heard.

The applications and plans are on file and may be viewed during normal office hours in the Stormwater and Resource Protection Division, 101-E Mounts Bay Road, James City County, Virginia.

NOT FOR PUBLICATION

DISPLAY: WEDNESDAY Jan 25, 2023 and Feb 1, 2023.
ACCOUNT NO. CU00015112
VIRGINIA GAZETTE
1/8 PAGE, VERTICAL, B/W
CARD # x6648

ITEM SUMMARY

DATE: 2/8/2023
TO: Chesapeake Bay Board
FROM: Trevor Long, Chesapeake Bay Board Secretary
SUBJECT: CBPA-22-0150 : 112 Discovery Lane

The property owner has applied for a Chesapeake Bay Exception for encroachments into the Resource Protection Area (RPA) buffer for the construction and approval of a walkway surrounding a raised garden bed, a greenhouse, deck, pergola, and two sheds on property located at 112 Discover Ln, JCC Parcel No. 4730500020.

ATTACHMENTS:

	Description	Type
☐	Deferral Request	Cover Memo

REVIEWERS:

Department	Reviewer	Action	Date
Chesapeake Bay Group	Woolson, Michael	Approved	1/31/2023 - 1:46 PM
Chesapeake Bay Group	Small, Toni	Approved	1/31/2023 - 4:48 PM
Publication Management	Pobiak, Amanda	Approved	1/31/2023 - 4:50 PM
Chesapeake Bay Group	Secretary, ChesBay	Approved	2/1/2023 - 3:52 PM

MEMORANDUM

DATE: February 8, 2023

TO: The Chesapeake Bay Board

FROM: Robin Benedict, Watershed Planner

SUBJECT: Chesapeake Bay Exception No. CBPA-22-0150. 112 Discovery Lane

Ms. April Warren has requested a deferral of this application for exception to the Chesapeake Bay Preservation Ordinance while the site plan is finalized for the project. Staff concurs with this request. As this case has been public noticed, staff recommends that the public hearing be opened and stay open until the March meeting, at which time the case will be heard.

RB/md
CBPA22-150_112DiscDef-mem