

202408516

EROSION & SEDIMENT CONTROL NOTES

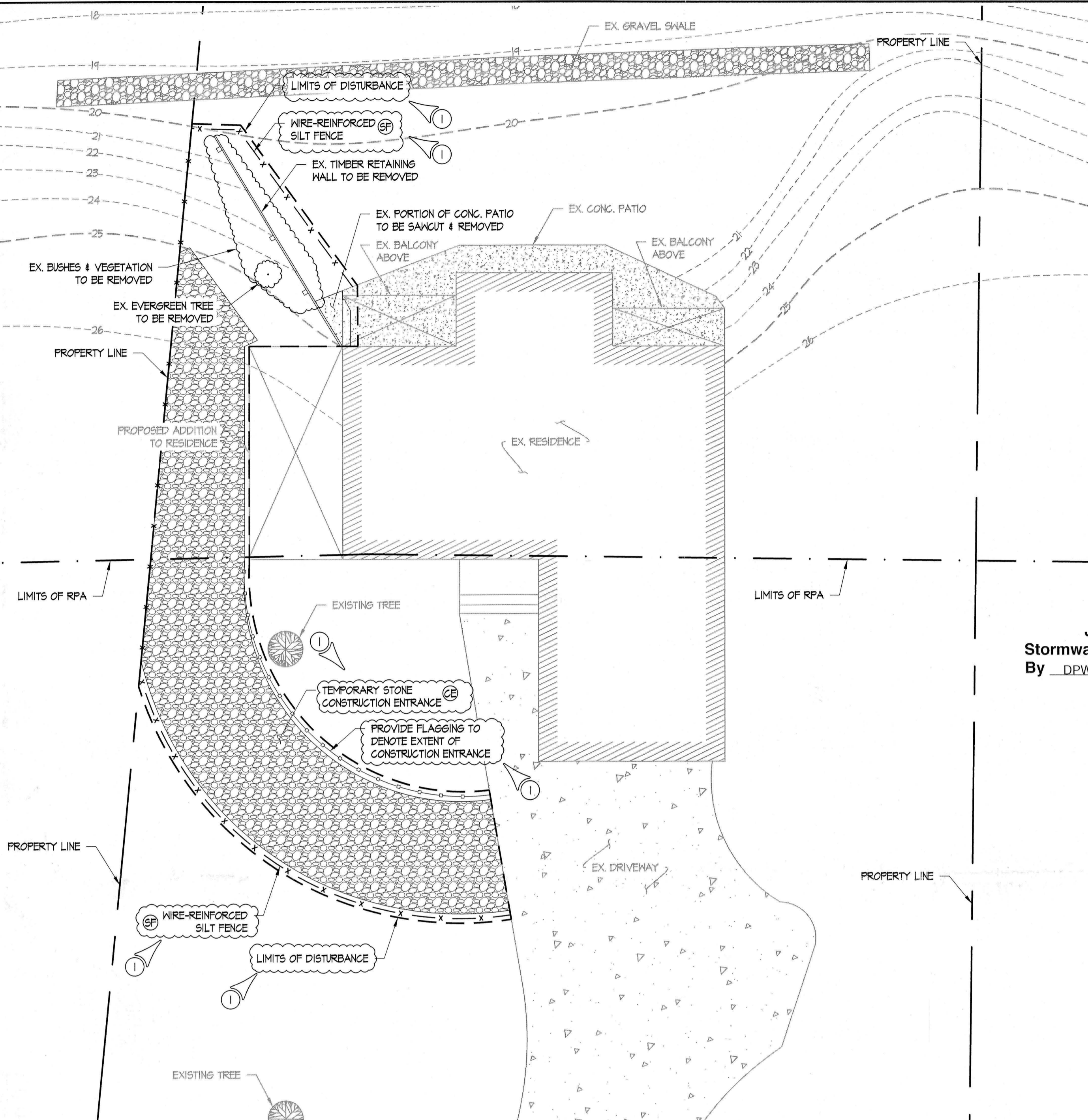
GENERAL:

- THE PROFESSIONAL ENGINEER WHOSE SEAL IS AFFIXED HEREON SHALL ACT AS THE "RESPONSIBLE LAND DISTURBER" FOR THE PLAN REVIEW PHASE OF THIS PROJECT. ONCE THE PLANS ARE APPROVED, THE OWNER/GENERAL CONTRACTOR SHALL DESIGNATE THE "RESPONSIBLE LAND DISTURBER" AND PROVIDE THE COUNTY WITH THE NAME AND CERTIFICATION NO. OF THE "RESPONSIBLE LAND DISTURBER" FOR THE CONSTRUCTION PHASE OF THE PROJECT.
- THIS SITE IS LOCATED IN HUC 1830 AND IS WITHIN THE JAMES RIVER-BROAD SWAMP WATERSHED.
- THE PROJECT AREA IS LOCATED WITHIN THE LIMITS OF THE CHESAPEAKE BAY PRESERVATION ACT RPA/RMA AREAS.
- ELEVATIONS SHOWN ARE APPROXIMATE, AND ARE BASED ON TOPOGRAPHIC MAP PROVIDED BY THE JAMES CITY COUNTY GEOGRAPHICAL INFORMATION SYSTEM (GIS).
- THE EXISTENCE AND LOCATION (HORIZONTAL AND VERTICAL) OF EXISTING UTILITIES ARE NOT GUARANTEED AND SHALL BE FIELD VERIFIED BY THE CONTRACTOR.
- THERE ARE NO ANTICIPATED OFFSITE LAND DISTURBING AREAS ASSOCIATED WITH THE DEVELOPMENT OF THIS SITE.
- A LAND DISTURBING PERMIT IS NOT REQUIRED FOR SINGLE-FAMILY RESIDENCE PROJECTS DISTURBING LESS THAN 1 ACRE AND NOT PART OF LARGER COMMON PLAN OF DEVELOPMENT OR SALE, INCLUDING ADDITIONS OR MODIFICATIONS TO EXISTING SINGLE-FAMILY DETACHED RESIDENTIAL STRUCTURES. HOWEVER, LOCALITIES SUBJECT TO THE CHESAPEAKE BAY PRESERVATION ACT MAY REGULATE THESE SINGLE FAMILY RESIDENCES WHERE LAND DISTURBANCE EXCEEDS 2500 SQUARE FEET.
- ALL OBJECTIONABLE AND DELETERIOUS MATERIAL IS TO BE REMOVED FROM THE SITE AND DISPOSED OF IN A STATE APPROVED FACILITY MEETING ALL REQUIREMENTS OF ALL LOCAL, STATE, AND FEDERAL REGULATIONS.
- DURING CONSTRUCTION OF THE PROJECT, SOIL STOCKPILES AND BORROW AREAS SHALL BE STABILIZED OR PROTECTED WITH SEDIMENT TRAPPING MEASURES. THE CONTRACTOR IS RESPONSIBLE FOR THE TEMPORARY PROTECTION AND PERMANENT STABILIZATION OF ALL SOIL STOCKPILES ON SITE AS WELL AS BORROW AREAS AND SOIL INTENTIONALLY TRANSPORTED FROM THE SITE.
- ALL AREAS DISTURBED BY CONSTRUCTION SHALL BE STABILIZED WITH PERMANENT SEEDING IMMEDIATELY FOLLOWING FINISH GRADING. SEEDING SHALL BE DONE WITH THE MINIMUM GARE LAWN BLEND ACCORDING TO TABLE 3.52-D OF STANDARD AND SPECIFICATION 3.52, "PERMANENT SEEDING", OF THE VESCH. EROSION BLANKETS WILL BE INSTALLED OVER FILL SLOPES WHICH HAVE BEEN BROUGHT TO FINAL GRADE AND HAVE BEEN SEEDING TO PROTECT THE SLOPES FROM RILL AND GULLY EROSION TO ALLOW THE SEED TO GERMINATE PROPERLY. MULCH (STRAW OR FIBER) WILL BE USED ON RELATIVELY FLAT AREAS. IN ALL SEEDING OPERATIONS, SEED, FERTILIZER, AND LIME WILL BE APPLIED PRIOR TO MULCHING. SOIL STABILIZATION MATTING TO BE VESCH TYPICAL TREATMENT T-1 (JTE MESH).

JAMES CITY COUNTY STANDARD STORMWATER NOTES:

THE FOLLOWING STANDARD COUNTY NOTES SHALL BECOME PART OF ANY APPROVED EROSION AND SEDIMENT CONTROL OR STORMWATER MANAGEMENT PLAN OF DEVELOPMENT PROJECT IN JAMES CITY COUNTY, VIRGINIA. THE COUNTY'S DIVISION OF STORMWATER AND RESOURCE PROTECTION (SRP) IS DESIGNATED BY CHAPTER 8 OF THE COUNTY CODE AS THE LOCAL VIRGINIA EROSION AND SEDIMENT CONTROL PROGRAM (VESCP) AUTHORITY AND THE LOCAL VIRGINIA STORMWATER MANAGEMENT PROGRAM (VSMF) AUTHORITY.

- ALL THE PROVISIONS OF VIRGINIA EROSION AND SEDIMENT CONTROL (E4SC) LAH AND REGULATIONS, THE VIRGINIA STORMWATER MANAGEMENT ACT AND REGULATIONS, THE VIRGINIA BEST MANAGEMENT PRACTICE (BMP) CLEARINGHOUSE WEBSITE, STATE E4SC AND STORMWATER MANAGEMENT HANDBOOKS, AND ANY ASSOCIATED TECHNICAL BULLETINS AND GUIDANCE DOCUMENTS AS PUBLISHED BY THE STATE WATER CONTROL BOARD, THE VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY (DEQ), AND THE LOCAL VESCP AND VSMF AUTHORITY SHALL APPLY TO THE PROJECT.
- MINIMUM STANDARDS NUMBERS 1 THROUGH 14 OF THE VIRGINIA EROSION AND SEDIMENT CONTROL REGULATIONS 9VAC25-8-40 SHALL APPLY TO THE PROJECT.
- THE OPERATOR SHALL BE RESPONSIBLE TO REGISTER FOR CONSTRUCTION GENERAL PERMIT (CGP) COVERAGE, AS APPLICABLE, IN ACCORDANCE WITH THE GENERAL VIRGINIA POLLUTANT DISCHARGE ELIMINATION SYSTEM (VPDES) PERMIT FOR DISCHARGE OF STORMWATER FROM CONSTRUCTION ACTIVITIES (VARIO) CHAPTER 880; THE VSMF REGULATIONS CHAPTER 810; AND IN ACCORDANCE WITH THE CURRENT REQUIREMENTS OF THE VSMF, THE STATE WATER CONTROL BOARD, THE VIRGINIA DEQ, CHAPTER 8 OF THE COUNTY CODE, AND THE LOCAL VESCP/VSMF AUTHORITY.
- THE OPERATOR SHALL PROVIDE THE NAME OF AN INDIVIDUAL HOLDING A VALID RESPONSIBLE LAND DISTURBER (RLD) CERTIFICATION ISSUED BY DEQ SIGNIFYING WHO IS RESPONSIBLE FOR CARRYING OUT THE LAND-DISTURBING ACTIVITY IN ACCORDANCE WITH THE APPROVED E4SC PLAN. THE RLD MUST BE DESIGNATED ON THE E4SC PLAN OR PERMIT AS A PREREQUISITE FOR ENGAGING IN LAND DISTURBANCE. THE RLD IS REQUIRED TO ATTEND THE PRE-CONSTRUCTION MEETING FOR THE PROJECT.
- A PRE-CONSTRUCTION MEETING SHALL BE HELD ON-SITE AND INCLUDE REPRESENTATIVES FROM THE LOCAL VESCP/VSMF AUTHORITY, THE OPERATOR, THE RLD, THE CONTRACTOR, ENGINEER, AND OTHER RESPONSIBLE AGENCIES AS APPLICABLE PRIOR TO AUTHORIZATION AND ISSUANCE OF A LOCAL LAND DISTURBING OR STORMWATER CONSTRUCTION PERMIT. THE OPERATOR IS REQUIRED TO COORDINATE SCHEDULING OF THE PRE-CONSTRUCTION MEETING WITH THE JAMES CITY COUNTY (JCC) SRP DIVISION.
- A POLLUTION PREVENTION PLAN (P2 PLAN), IF REQUIRED, SHALL BE DEVELOPED, IMPLEMENTED, AND UPDATED AS NECESSARY AND MUST DETAIL THE DESIGN, INSTALLATION, IMPLEMENTATION, AND MAINTENANCE OF EFFECTIVE POLLUTION PREVENTION MEASURES TO MINIMIZE THE DISCHARGE OF POLLUTANTS AS SPECIFIED IN 9VAC25-810-56. THIS PLAN SHALL BE AVAILABLE ON-SITE FOR REVIEW AT REASONABLE TIMES BY THE LOCAL VESCP/VSMF AUTHORITY WHEN REQUESTED.
- OFF-SITE AREAS SHALL BE APPROVED BY THE LOCAL VESCP/VSMF AUTHORITY PRIOR TO LAND DISTURBING ACTIVITY AT THE SEPARATE LOCATION. OFF-SITE AREAS SHALL BE INCLUDED AS PART OF THE PROPOSED LAND DISTURBING ACTIVITY OR COVERED BY A SEPARATE APPROVED E4SC PLAN.
- TEMPORARY SOIL STOCKPILES SHALL COMPLY WITH THE PROVISIONS OF SECTION 24-46 OF THE COUNTY CODE.
- LOCAL VESCP/VSMF AUTHORITY WRITTEN APPROVAL SHALL BE REQUIRED PRIOR TO DEVIATIONS FROM THE APPROVED EROSION AND SEDIMENT MEASURES, SEQUENCE OF CONSTRUCTION OR STORMWATER MANAGEMENT PLAN. SIGNIFICANT DEVIATIONS FROM THE APPROVED PLAN MAY REQUIRE THE SUBMITTAL OF AN AMENDED PLAN FOR REVIEW AND APPROVAL.
- PERMANENT OR TEMPORARY SOIL STABILIZATION SHALL BE APPLIED TO DENUDED AREAS WITHIN SEVEN DAYS AFTER FINAL GRADE IS REACHED ON ANY PORTION OF THE SITE. TEMPORARY SOIL STABILIZATION SHALL BE APPLIED WITHIN SEVEN DAYS TO DENUDED AREAS THAT MAY NOT BE AT FINAL GRADE BUT WILL REMAIN DORMANT FOR LONGER THAN 14 DAYS. PERMANENT STABILIZATION SHALL BE APPLIED TO AREAS THAT ARE TO BE LEFT DORMANT FOR MORE THAN ONE YEAR. IRRIGATION, IF NECESSARY, SHALL COMPLY WITH ALL APPLICABLE SEASONAL WATER USE RESTRICTIONS OF THE JAMES CITY SERVICE AUTHORITY.
- FOR THE PURPOSES OF BOND REDUCTIONS OR RELEASES, FINAL STABILIZATION WILL BE DEFINED AS THE COMPLETION OF ALL SOIL DISTURBING ACTIVITIES AT THE SITE AND THE ESTABLISHMENT OF A PERMANENT VEGETATIVE COVER ON DENUDED AREAS NOT OTHERWISE PERMANENTLY STABILIZED. PERMANENT VEGETATION SHALL NOT BE CONSIDERED ESTABLISHED UNTIL A GOOD COVER IS ACHIEVED THAT IS UNIFORM (E.G., EVENLY DISTRIBUTED), MATURE ENOUGH TO SURVIVE, AND WILL INHIBIT EROSION.
- DESIGN AND CONSTRUCTION OF PRIVATE STORM DRAINAGE SYSTEMS, OUTSIDE OF ANY VIRGINIA DEPARTMENT OF TRANSPORTATION (VDOT) RIGHT-OF-WAY, SHALL BE PERFORMED IN ACCORDANCE WITH THE CURRENT VERSION OF THE COUNTY'S STORMWATER DRAINAGE CONVEYANCE SYSTEMS (NON-BMP RELATED) GENERAL DESIGN AND CONSTRUCTION GUIDELINES.
- RECORD DRAWINGS (AS-BUILTS) AND CONSTRUCTION CERTIFICATIONS ARE REQUIRED FOR ALL APPLICABLE STORMWATER FACILITIES, INCLUDING STORMWATER MANAGEMENT/BMP FACILITIES AND STORM DRAINAGE CONVEYANCE SYSTEMS. RECORD DRAWINGS AND CONSTRUCTION CERTIFICATIONS MUST MEET ESTABLISHED PROGRAM REQUIREMENTS OF THE COUNTY CODE AND THE VESCP/VSMF AUTHORITY.
- ALL STORMWATER FACILITIES INCLUDING BMPs, STORM DRAINAGE PIPES, STORMWATER CONVEYANCES, INLETS, MANHOLES, OUTFALLS, AND ROADSIDE AND OTHER OPEN CHANNELS SHALL BE INSPECTED BY THE LOCAL VESCP/VSMF AUTHORITY, THE OWNER, AND THE APPLICANT/OPERATOR/PERMITTEE DESIGNATED GEOTECHNICAL ENGINEER FOR THE PROJECT IN ACCORDANCE WITH THE ESTABLISHED COUNTY STORMWATER FACILITY INSPECTION PROGRAM REQUIREMENTS.
- THE FINAL PROJECT CERTIFICATION PROCESS SHALL INCLUDE AN INTERNAL CLOSED-CIRCUIT TELEVISION CAMERA (CCTV) POST INSTALLATION INSPECTION PERFORMED BY THE OWNER IN ACCORDANCE WITH THE JCC CCTV ADMINISTRATIVE GUIDELINES DEVELOPED BY THE VSMF AUTHORITY.



EXISTING SITE PLAN

SCALE: 1/8" = 1'-0"

MARK	SYMBOL	CODE	DESCRIPTION
-x-x-x-	⊕	3.05	WIRE-REINFORCED SILT FENCE
⊕	⊕	3.02	CONSTRUCTION ENTRANCE

STATISTICAL INFORMATION

ZONE:	RI LIMITED RESIDENTIAL		
PARCEL ID NO.:	454020001		
OWNER:	HILL, C DEBRA TRUSTEE & BUCHANAN, CA		
ADDRESS:	196 THE MAINE WILLIAMSBURG, VA 231851423		
SITE DESCRIPTION:	L-71 5-3 FIRST COLONY		
PROJECT AREA:	1.255 SQ. FT (0.035 ACRES)		
IMPERVIOUS COVER FOR PROJECT AREA:			
	PRE-CONSTRUCTION	POST-CONSTRUCTION	NET CHANGE
GREEN AREA	1228.34 SQ. FT (41.9%)	1218.76 SQ. FT (41.1%)	4.61 SQ. FT (0.8%)
IMPERVIOUS AREA	26.61 SQ. FT (2.1%)	36.22 SQ. FT (2.9%)	-4.61 SQ. FT (0.8%)
TOTAL AREA	1255 SQ. FT (100%)	1255 SQ. FT (100%)	0 SQ. FT (0%)

APPROX.	APPROXIMATE	NO.	NUMBER
BOIT	BOTTOM	REIN.	REINFORCEMENT
CONF.	CONCRETE	RW	RETAINING WALL
CONT.	CONTINUOUS	REQD	REQUIRED
DIA.	DIAMETER	STA.	STATION
ELEV.	ELEVATION	TYP.	TYPICAL
EQ.	EQUAL	W/	WITH
EX.	EXISTING	V.I.F	VERIFY IN FIELD
MAX.	MAXIMUM	W/F	WELDED WIRE FABRIC
MIN.	MINIMUM		

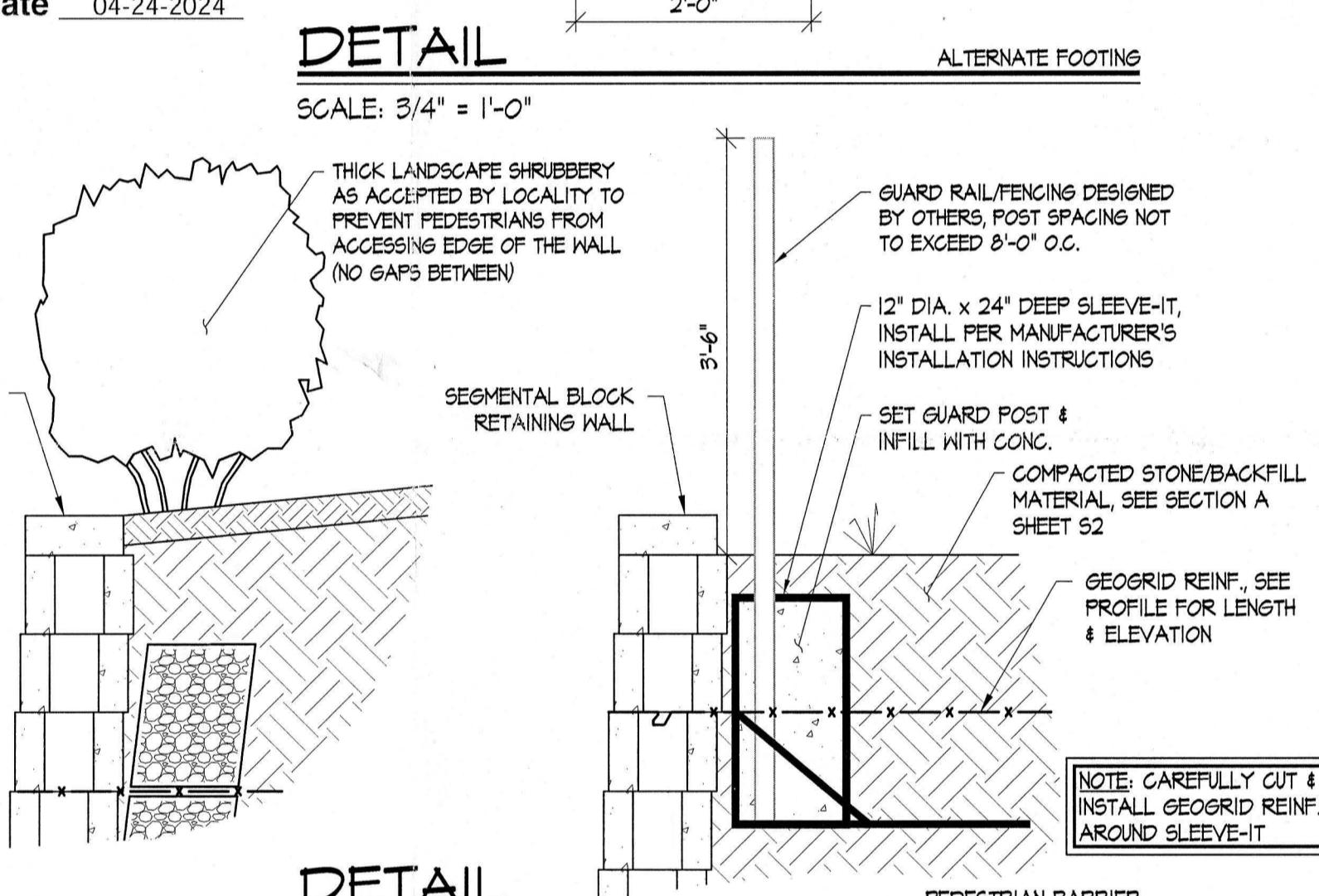
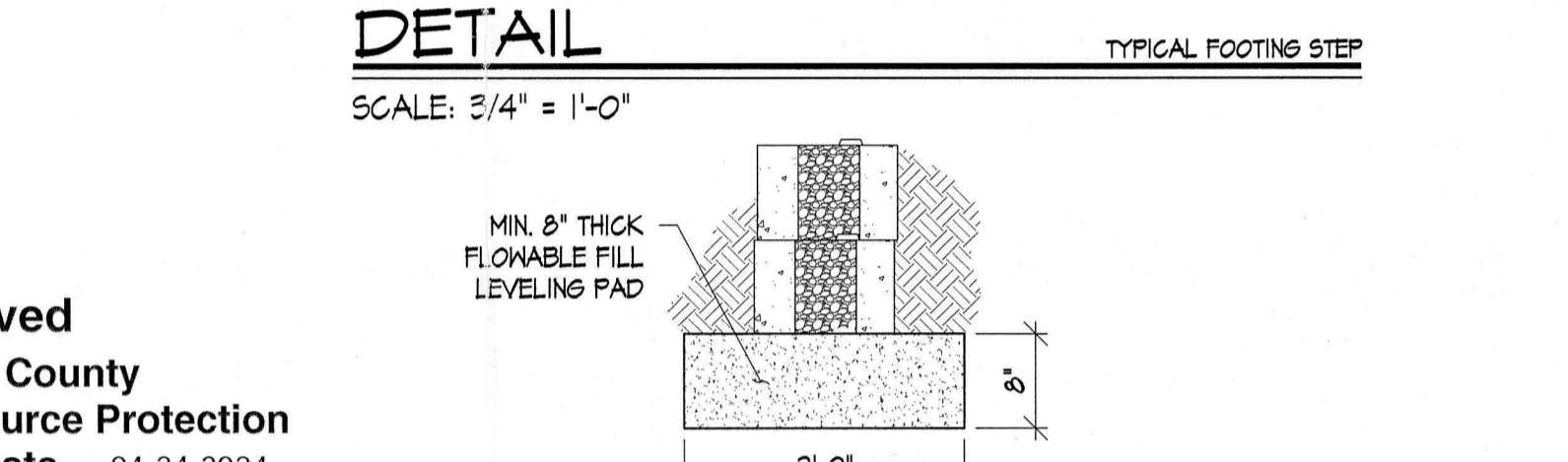
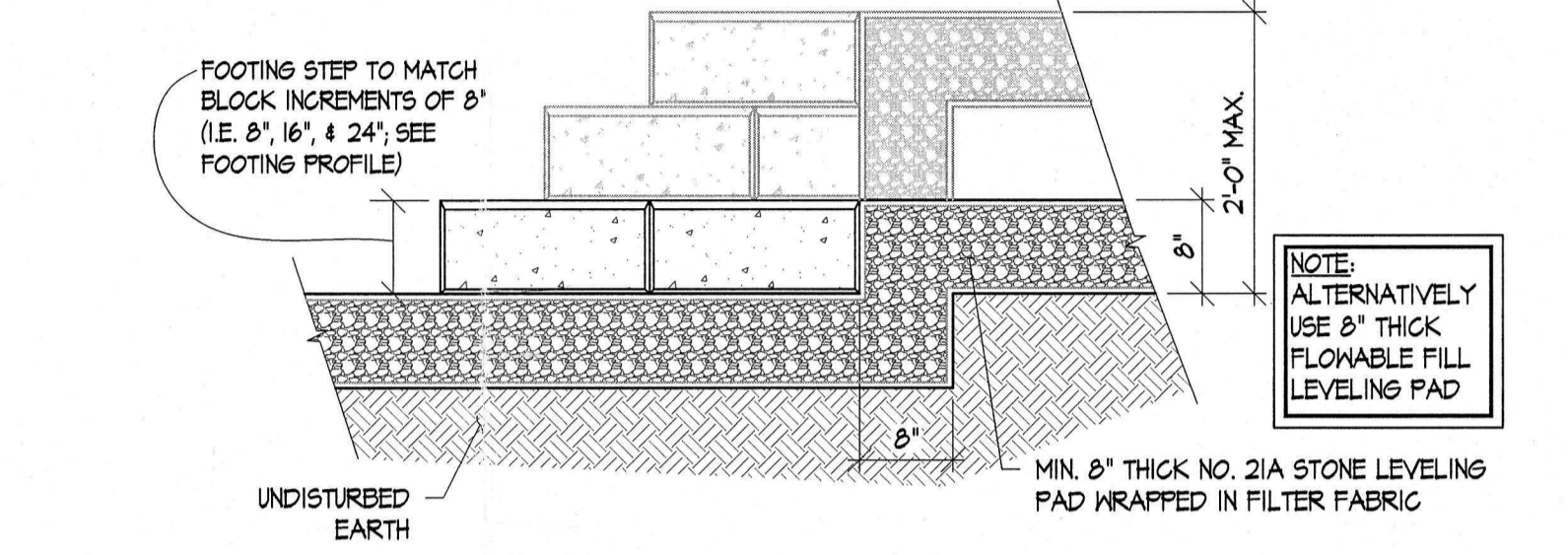
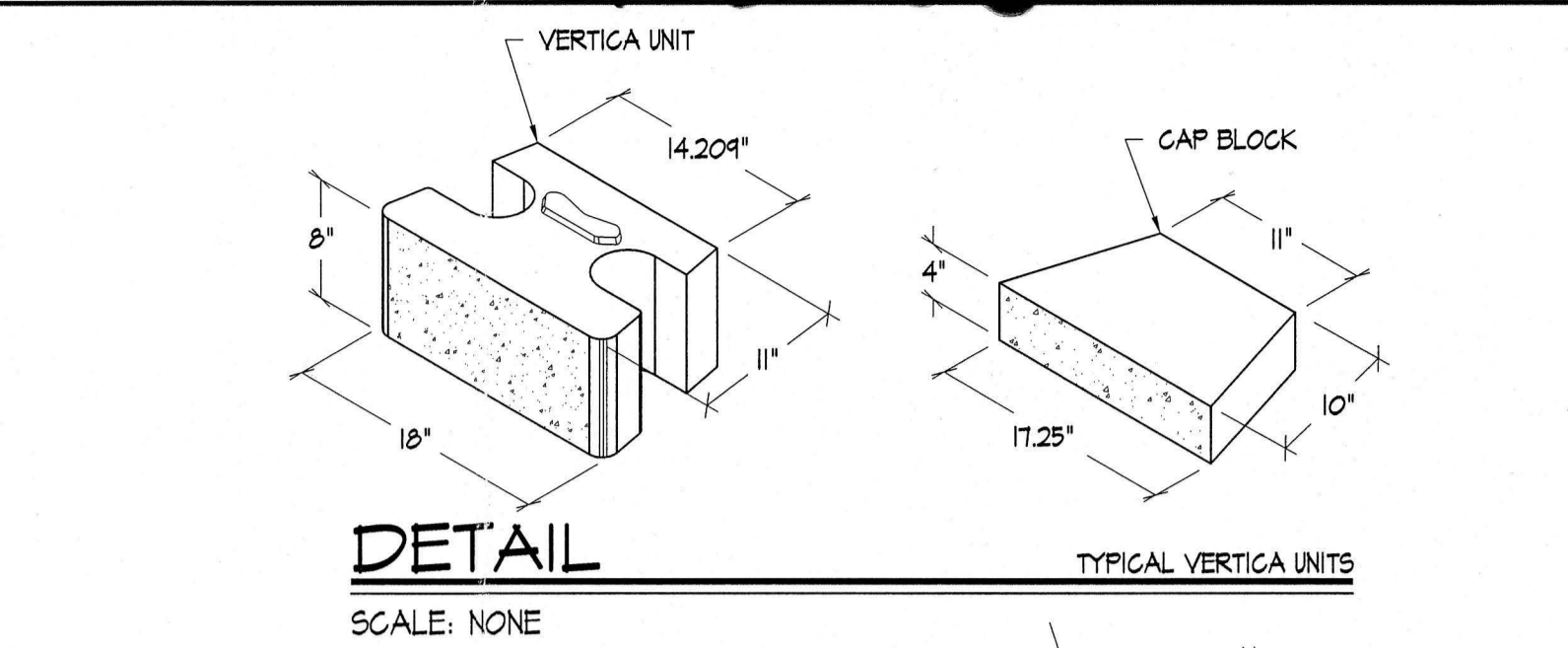
PROJECT DESCRIPTION

THIS PROJECT INCLUDES THE REMOVAL OF AN EXISTING TIMBER RETAINING WALL AND THE CONSTRUCTION OF A NEW SEGMENTAL BLOCK RETAINING WALL.

SEQUENCE OF CONSTRUCTION

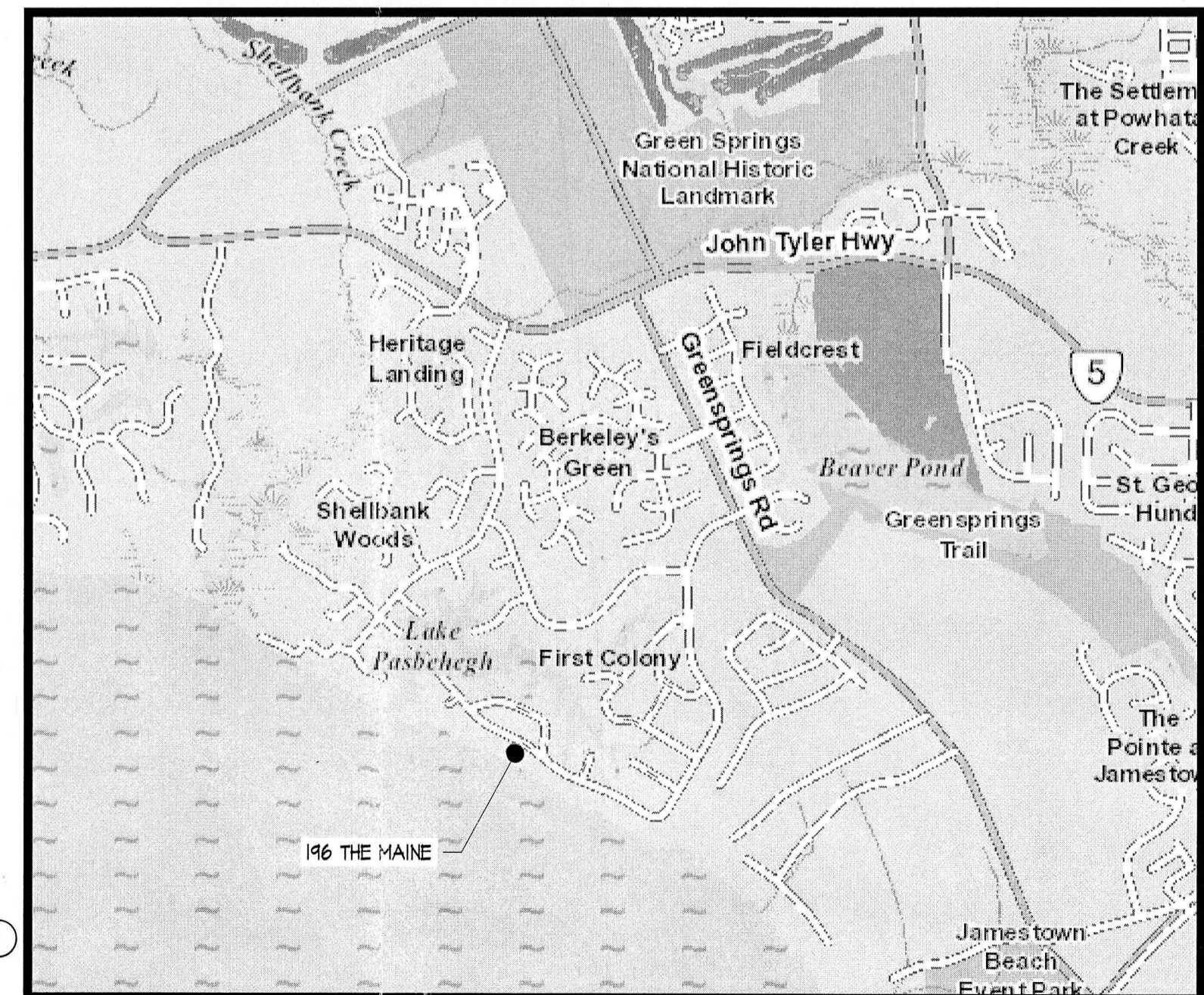
- INSTALL SILT FENCE DOWN SLOPE OF ALL AREAS TO BE DISTURBED.
- REMOVE EXISTING TIMBER RETAINING WALL, EXISTING VEGETATION, EXISTING EVERGREEN TREE, AND PORTION OF EXISTING CONCRETE PATIO AS INDICATED ON PLANS.
- CONSTRUCT SEGMENTAL BLOCK RETAINING WALLS & GEO-GRID REINFORCING, BACKFILL MATERIAL TO BE COMPACTED TO 95% STANDARD PROCTOR DENSITY IN MAXIMUM 8" LIFTS
- STABILIZE ALL RE-GRADED AND DENUDED EARTH IN ACCORDANCE WITH GENERAL NOTE NO. 10 ON SHEET S1
- CONSTRUCT PEDESTRIAN BARRIER/FENCING.
- REMOVE SILT FENCE AND TEMPORARY CONSTRUCTION ENTRANCE UPON WRITTEN NOTIFICATION FROM JAMES CITY COUNTY INSPECTOR.

City of Williamsburg & County of James City
 Circuit Court: THIS PLAN was recorded on
 June 26, 2024
 at 9:31 AM, PB - PG -
 Document # 202408516
 ELIZABETH E. O'CONNOR, CLERK
 Elizabeth E. O'Connor, Clerk



DETAIL

SCALE: 3/4" = 1'-0"



VICINITY MAP
 SCALE: 1/2" = 300'
 0 150 300 600

Approved
 James City County
 Stormwater & Resource Protection
 By DPWells Date 04-24-2024

Sheet: 51 of 3

Project #: VA24004DES
 Drawn by: DAS
 Reviewed by: MAM

Date: 3/29/24
 Date: 4/15/24

JCC Stormwater & Resource Protection Comments
 Revisions: No.

EROSION & SEDIMENT CONTROL NOTES, EXISTING SITE PLAN, PROJECT DESCRIPTION, STATISTICAL INFORMATION, TYPICAL DETAILS, & VICINITY MAP

RETAINING WALL
 HILL RESIDENCE
 196 THE MAINE

WILLIAMSBURG VIRGINIA

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