Curt R. Crouch, P.E.
4995 Crouch Lane
Midland Virginia 22728
Crouch.curt@gmail.com
540.359.1636

November 24, 2020

Department of Public Works and Environmental Services
Land Development Services
12055 Government Center Parkway, Suite 444
Fairfax, Virginia 22035-5503

Reference: Clifton Lot 106 (Eplan) (Sp); Plan/Plat No: 009646-INFV-002-A -1.1

To Whom It May Concern,

The following letter is to inform you of the revisions and changes made from the original approved infill lot grading plan 009646-INF-001-1. The proposed two retaining walls that were shown on the infill lot grading plan were split into two smaller walls that are less than 36" in height. The grading around the walls was changed slightly however the overall concept of the grading plan was not modified. The walls and grading shown on retaining wall exhibit were field surveyed. The well was relocated to a different location than the previously approved plan. The health department has approved the new location. Below are specific changes made to individual sheets.

Sheet 1.

1. The project narrative was updated per the revisions of the plan submitted
2. The property owner information was updated to the current owner
3. The soils information was updated per the most recent soils map and descriptions.
4. The plan number was updated per the infill lot grading plan revision

Sheet 2.

1. The retaining walls and grading were modified per the as-built survey information.
2. The soil descriptions were modified per the latest soil data.
3. The well is shown per the existing approved location.

Sheet 3.

1. This sheet is for informational purposes only.

If you have any questions or concerns, please do not hesitate to contact me by email crouch.curt@gmail.com or phone 540-359-1636.

Thanks
Curt R. Crouch, P.E.

DocuSign Envelope ID: 17120208-D390-4E9F-8430-DA57583DAA32

APPROVED Before you start work you are required to notify the site inspector at 703-324-1720. Failure to notify can result in a violation and/or a stop work order. Plan Number: 009646-INFV -002 Date: 04/22/21 Stamped By: Walt Hamilton

A VDOT Permit will be required for any activity disturbing VDOT right-of-way or impeding pedestrian or vehicular traffic

PLAN APPROVAL INFORMATION

RELATED INFORMATION	REQUIRED	NOT REQUIRED	COUNTY I.D. NUMBER	COMMENTS/SHEET NO.
1. RPA BOUNDARY LOCATION CERTIFICATION		●		
2. RPA DELINEATION		●		
3. CHESAPEAKE BAY ACT EXCEPTION		●		
4. FLOOD PLAIN STUDY		●		
5. DRAINAGE STUDY		●		
6. WATER QUALITY IMPACT ASSESSMENT		●		
7. SOILS REPORT	FULL ☐ LIMITED ☐	●		
8. REZONING/SPECIAL EXCEPTION/SPECIAL PERMIT APPROVAL		●		
9. B.Z.A. VARIANCE APPROVAL		●		
10. WETLANDS/WATERS OF THE U.S. PERMIT		●		
11. FEMA LETTER OF MAP REVISION		●		
12. VEGETATED ROOF NOTE		●		
13. OVERLAY DISTRICT INFORMATION		●		
14. TREE BANKING		●		
15. TREE FUND		●		
16. MODIFICATIONS/WAIVERS		●		

REQUIRED INFORMATION

DESCRIPTION OF PROPOSED WORK	THIS PLAN REVISION IS FOR THE THE TWO RETAINING WALLS SHOWN ON THE APPROVED INFILL LOT GRADING PLAN (009646-INF-002-1). THE TWO RETAINING WALLS HAVE BE REVISED WITH TWO SMALLER WALLS THAT DO NOT EXCEED THREE FEET. THE WALLS SHOWN ON THIS REVISION WERE FIELD SURVEYED. BECAUSE THE RETAINING WALLS HAVE ALREADY BEEN CONSTRUCTED THE AREA AROUND THE RETAINING WALLS SHOWN AS PART REVISION HAS BEEN SEEDED AND STABILIZED, THEREFORE IT IS NOT NECESSARY FOR ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES.
TAX MAP NUMBER	075-4-02-0106
ZONING DISTRICT	RD
MINIMUM YARD REQUIREMENTS (SETBACKS)	FY: 45 FT, SY: 10 FT, RY: 25 FT
MINIMUM LOT AREA REQUIREMENT	36,000 SF
MINIMUM LOT WIDTH REQUIREMENT	150' INTERIOR / 175' CORNER
TOTAL LOT AREA (SQUARE FEET OR ACRE)	57,935 SQ. FT.
SERVED BY (INDICATE PUBLIC WATER OR INDIVIDUAL WELL)	ONSITE WELL
SERVED BY (INDICATE PUBLIC SEWER OR INDIVIDUAL WASTEWATER MANAGEMENT SYSTEM)	ONSITE SEPTIC
BUILDING HEIGHT CERTIFICATION (LTI 06-13)	N/A
E&S PRIORITY RATING FORM	N/A
RESPONSIBLE LAND DISTURBER	
WATER QUALITY WAIVER INFO, IF APPLICABLE	N/A
TREE CONSERVATION PLAN	N/A

SITE INSPECTION NOTES

1. NOTIFY SITE INSPECTIONS AT 703-324-1720 PRIOR TO BEGINNING ANY WORK ON THE PROJECT. FAILURE TO NOTIFY CAN RESULT IN THE ISSUANCE OF A VIOLATION AND A SUBSEQUENT FINE FOR COMPLIANCE INSPECTION.
2. NO EARTH DISTURBANCE OR CONSTRUCTION IS ALLOWED UNTIL THE BUILDING PERMIT FOR THE PROJECT IS ISSUED. EVIDENCE OF A BUILDING PERMIT MUST BE PROVIDED TO THE SITE INSPECTOR AT THE PRE-CONSTRUCTION MEETING.
3. NOTIFY THE "MISS UTILITY" NOTIFICATION CENTER AT 1-800-552-7001 AT LEAST TWO WORKING DAYS PRIOR TO COMMENCEMENT OF EXCAVATION, DEMOLITION, OR BLASTING IN ACCORDANCE WITH THE VIRGINIA UNDERGROUND UTILITY DAMAGE PREVENTION ACT.

LEGALITY OF LOT CERTIFICATION (LTI 02-10)

I HEREBY CERTIFY THAT ALL APPROPRIATE COUNTY APPROVALS WERE OBTAINED IN ACCORDANCE WITH THE PROCESS REQUIRED BY THE SUBDIVISION ORDINANCE IN EFFECT AT THE TIME OF THE CREATION OF LOT(S) 106. THE LOT(S) WERE CREATED AS PART OF THE CLIFTON SUBDIVISION APPROVED BY FAIRFAX COUNTY ON JANUARY 16, 2013 AND RECORDED IN DEED BOOK 22857 AT PAGE 1993 IN FAIRFAX COUNTY LAND RECORDS.

WETLANDS PERMITS CERTIFICATION

I HEREBY CERTIFY THAT ALL WETLANDS PERMITS REQUIRED BY LAW WILL BE OBTAINED PRIOR TO COMMENCING LAND DISTURBING ACTIVITIES.

SIGNATURE _____

OWNER/DEVELOPER DAVID GUGLIELMI (NAME) DEVELOPER (TITLE)

INFORMATION REGARDING ACTIVITIES IN THE RESOURCE PROTECTION AREA

ACTIVITY	YES/NO
CONSTRUCTION ACTIVITIES IN A RESOURCE PROTECTION AREA (IF YES, INDICATE TYPE BELOW)	NO
REDEVELOPMENT PRINCIPAL STRUCTURE	
REDEVELOPMENT ACCESSORY STRUCTURE	
PUBLIC ROADS	
PRIVATE ROADS	
DRIVEWAYS	
STORMWATER OUTFALL	
OTHER (INDICATE TYPE):	

TREE PRESERVATION

TREE PRESERVATION TARGET DEVIATIONS OR MODIFICATIONS ARE BEING REQUESTED. YES ☐ NO ◉

NOTICE OF VIOLATION

IS THIS PLAN SUBMITTED AS A RESULT OF NOTICE OF VIOLATION? YES ☐ NO ◉

IF "YES", COPY OF NOTICE OF VIOLATION PROVIDED ON SHEET NO.____

STORMWATER INFORMATION

COUNTY STORMWATER PERMIT REQUIRED? YES ☐ NO ◉

VPDES PERMIT COVERAGE REQUIRED YES ☐ NO ◉

HIGH DENSITY POLYETHYLENE (HDPE) PIPE USED ON THIS PROJECT YES ☐ NO ◉

WATER QUALITY OPTION: NONE ◉

NON-POINT NUTRIENT CREDITS ☐ COMPREHENSIVE SWM PLAN ☐

OFF-SITE FACILITY ☐ EXISTING ONSITE FACILITY ☐

DISTURBED AREA (DA) WITHIN WATERSHED(S):

WATERSHED 1 POPES HEAD CREEK DA= 0.57 (ACRES)

WATERSHED 2 _____ DA=_____ (ACRES)

TOTAL DISTURBED AREA= 0.57 (ACRES)

SWM FACILITIES DESIGNED USING:

TECHNICAL CRITERIA 5 ☐ (OLD)

TIME LIMITS ☐ VPDES PERMIT NO. (IF TIME LIMITS): _____

GRANDFATHERED ☐ DEQ MEMO 14-2014 ☐

NEW DEVELOPMENT ☐ REDEVELOPMENT ◉

TECHNICAL CRITERIA 4 ☐ (NEW)

TYPE OF DEVELOPMENT: NEW DEVELOPMENT ☐ REDEVELOPMENT ◉

NEW+REDEVELOPMENT (i.e. REDEVELOPMENT WITH A NET INCREASE IN IMPERVIOUS AREA) ☐

SWM FACILITIES (PROPOSED ONLY)

FACILITY ID NO.	FACILITY TYPE	PURPOSE (QUALITY/ QUANTITY)	AREA TREATED (ACRES)	LATITUDE (DECIMAL DEGREE)	LONGITUDE (DECIMAL DEGREE)	WATERSHED	RECEIVING WATERS	MAINTENANCE AGREEMENT Y/N	VAHU6 CODE	LENGTH/ AREA OF FACILITY	UNIT (FT/ SF)	NO. OF BLDG. SERVED (FOR ROOFTOP DISCONNECT)
	N/A											

PRO RATION SHARE ASSESSMENT FORM

INFORMATION REQUIRED	VALUE
TOTAL SITE AREA (AC)	1.3300
TOTAL POST DEVELOPMENT IMPERVIOUS COVER (AC)	0.22
NET INCREASE IN IMPERVIOUS AREA (AC)	0.11
FROM "SUMMARY" TAB OF VRRM SPREADSHEET (IF APPLICABLE):	
ADJUSTED POST-DEVELOPMENT PHOSPHORUS LOAD (LB/YR)	N/A
TOTAL RUNOFF VOLUME REDUCTION (CU FT)	N/A

SWMO WATER QUALITY REQUIREMENT DETERMINATION

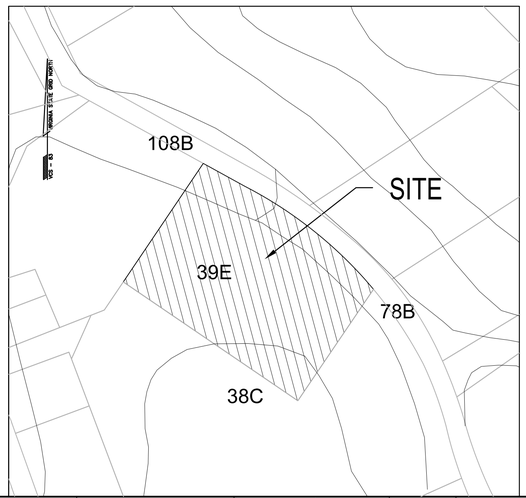
	SQUARE FEET
IMPERVIOUS AREA PROPOSED	
BUILDINGS	2,140
DRIVEWAYS	2,041
MISCELLANEOUS	589
TOTAL IMPERVIOUS ADDED	4,770
IMPERVIOUS AREA EXISTING (TO REMAIN)	4,792
TOTAL IMPERVIOUS AREA (PROPOSED AND EXISTING TO REMAIN)	9,562
TOTAL LOT AREA	57,935

% IMPERVIOUS EQUALS TOTAL IMPERVIOUS AREA DIVIDED BY LOT AREA MULTIPLIED BY 100
% IMPERVIOUS = 16.5%

BMP REQUIRED YES ☐ NO ◉

SOILS MAP DATA

SCALE: 1"=100'



SOIL ID NUMBERS	SOIL SERIES NAME	FOUNDATION SUPPORT	SOIL DRAINAGE	EROSION POTENTIAL	PROBLEM CLASS
38C	FAIRFAX LOAM	FAIR	GOOD	MEDIUM	I
39E	GLENELG SILT LOAM	GOOD	GOOD	HIGH	I
78B	MEADOWVILLE LOAM	FAIR	MARGINAL	MEDIUM	II
108B	WHEATON-SUMMERDUCK COMPLEX	MARGINAL	POOR	MEDIUM	IVB

IS THE SITE LOCATED ON NATURALLY OCCURRING ASBESTOS (NOA) SOIL? YES ☐ NO ◉

AREAS THAT MAY CONTAIN NOA SOIL ARE SHOWN ON THE OFFICIAL COUNTY SOILS MAP ON THE DIGITAL MAP VIEWER ON THE COUNTY WEBSITE. ASBESTOS IS REGULATED BY THE VIRGINIA DEPARTMENT OF LABOR AND INDUSTRY. SAFETY PRECAUTIONS AND LINKS TO REGULATIONS REGARDING THESE SOILS OR FILL ORIGINATING FROM THEM CAN BE FOUND ON THE NORTHERN VIRGINIA SOIL AND WATER CONSERVATION DISTRICT WEBSITE: WWW.FAIRFAXCOUNTY.GOV/NVSWCD

OWNER INFORMATION

(X) OWNER ( ) TRUSTEE

( ) A CORPORATION ( ) A PARTNERSHIP ( ) AN INDIVIDUAL

INFILL BY DESIGN LLC. (REPRESENTED BY DAVID GUGLIELMI) (NAME)

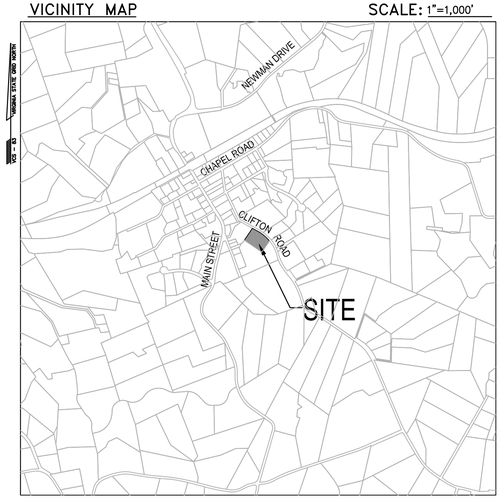
703-623-4343 (PHONE)

6300 LITTLE OX ROAD, FAIRFAX STATION VA 22039 (ADDRESS)

DGUGLIELMI@YAHOO.COM (EMAIL)

VICINITY MAP

SCALE: 1"=1,000'



APPROVED FOR INDIVIDUAL WASTEWATER SYSTEM AND/OR WATER WELL

DATE _____ BY _____ FAIRFAX COUNTY DEPARTMENT OF HEALTH

RESOURCE PROTECTION AREA

THE LIMITS OF CLEARING AND GRADING SHOWN NEAR AND/OR WITHIN THE LIMITS OF THE RESOURCE PROTECTION AREA (RPA) MUST BE STRICTLY OBSERVED AND ENFORCED. ANY ENCROACHMENT INTO, AND/OR DISTURBANCE OF, THE RPA NOT SHOWN ON THIS PLAN IS CONSIDERED A VIOLATION OF THE CHESAPEAKE BAY PRESERVATION ORDINANCE (CBPO) AND IS SUBJECT TO THE PENALTIES OF CBPO ARTICLE 9 (VIOLATIONS AND PENALTIES).

_____ DATE: _____ (STORMWATER REVIEWER)

APPROVED FOR GRADING ONLY ON

___ LOT(S) NO. _____

___ PARCEL(S) NO. _____

THE FOLLOWING CERTIFICATIONS BASED ON A FIELD SURVEY ARE REQUIRED PRIOR TO RUP ISSUANCE (REVIEWER TO CHECK APPROPRIATE ITEMS):

___ A BUILDING HEIGHT CERTIFICATION
___ A SETBACK CERTIFICATION

APPROVED BY: _____ DATE: _____ PLAN REVIEWER

THIS APPROVAL IS NOT A COMMITMENT TO PROVIDE SANITARY SEWER.

SHEET INDEX

1. COVER SHEET
2. RETAINING WALL REVISION
3. SITE GRADING PLAN (APPROVED PLAN FYI)

DESIGN ENGINEER / SURVEYOR
FIRM NAME: CURT R. CROUCH, P.E.
ADDRESS: 9948 MEETZE ROAD MIDLAND, VIRGINIA 22728
PHONE NO: 540-359-1636 FAX NO:
PROJ. MANAGER: CURT R. CROUCH EMAIL: CROUCH.CURT@GMAIL.COM

INFILL GRADING PLAN COVERSHEET

PROFESSIONAL SEAL

DocuSigned by: Curt Crouch CC4778A34E3A4BB... DATE

COMMONWEALTH OF VIRGINIA CURT R. CROUCH Lic. No. 047045 PROFESSIONAL ENGINEER 04/21/21

PROFESSIONAL SEAL DATE

CLIFTON SUBDIVISION
LOT 106
7184 CLIFTON ROAD
CLIFTON, VA 20124
SPRINGFIELD TOWN OF CLIFTON
FAIRFAX COUNTY, VIRGINIA

COUNTY NUMBER 3
9646-INFV-002-A-XX

PLAN REVIEWER

SHEET 1 OF 3

REVISED: 3/16

APPROVED
Before you start work you are required to notify the site inspector at 703-324-1720 | Failure to notify can result in a violation and a charge per the compliance inspection.
A VDOT Permit will be required for any activity disturbing VDOT right-of-way or impeding pedestrian or vehicular traffic
Plan Number: 009646-INFV -002
Date: 04/22/21
Stamped By: Walt Hamilton

PICTURE 1

PICTURE 2

PICTURE 3

PICTURE 4

SOIL DESCRIPTION

(38) Fairfax - This Piedmont upland soil consists of a capping of silty old alluvium over silty and sandy soil materials weathered from the underlying bedrock. Bedrock is typically micaceous schist and phyllite. The alluvium capping materials ranges from ½ to 3 feet thick and contains rounded waterworn pebbles. The subsoil can be quite clayey, but the clays are only slightly plastic. The soil is well drained. Depth to hard bedrock is between 10 and 100 feet below the surface. Foundation support is typically good for small buildings (i.e., 3 stories or less). Suitability for septic drainfields is fair because the high clay content of the subsoil could cause slow permeability. Infiltration trenches are well suited for this soil. Because of a high mica content in the layers below the alluvium capping, the soil tends to "fluff" up when disturbed and is difficult to compact requiring engineering designs for use as structural fill. This soil is suitable for septic drainfields and infiltration trenches.

(39) Glenelg - This Piedmont soil occurs extensively on hilltops and sideslopes underlain by micaceous schist and phyllite. Silts and clays overlie silty and sandy decomposed rock. Depth to hard bedrock ranges between 5 and 100 feet below the surface. Permeability is generally adequate for all purposes. Foundation support for small buildings (i.e., 3 stories or less) is typically suitable. Because of a high mica content, the soil tends to "fluff" up when disturbed and is difficult to compact requiring engineering designs for use as structural fill. This soil is suitable for septic drainfields and infiltration trenches. Glenelg is highly susceptible to erosion.

(78) Meadowville - This soil occurs in drainageways and the bottom of slopes of the Piedmont over micaceous schist and phyllite bedrock. Silt and clay loam alluvium overlies silty and sandy decomposed rock. Depth to the seasonal high water table ranges between 3½ and 6½ feet. Depth to hard bedrock is greater than 6 feet. Foundation support is fair because of soft soil and seasonal saturation. Foundation drains (both exterior and interior) and waterproofing are necessary to prevent wet basements. Grading is required to eliminate wet yards. Suitability for septic drainfields and infiltration trenches is marginal because of the high water table.

(108) Wheaton-Sumerduck - This complex is a mixture of the development-disturbed Wheaton soil and the natural Sumerduck soil. The complex occurs near floodplains in the areas of the Piedmont with micaceous schist and phyllite bedrock that have been developed, but retain a good portion of undisturbed soil. Wheaton soil will be clustered around foundations, streets, sidewalks, playing fields and other graded areas. Sumerduck soil will be found along undisturbed areas within the border of the floodplain. For a description of the two soils that make up this map unit, please see (102) Wheaton and (93) Sumerduck.

CMPO NOTES

THIS PLAN COMPLIES FULLY WITH AMENDMENT CHAPTER 118 (CHESAPEAKE BAY PRESERVATION ORDINANCE) OF THE CODE OF THE COUNTY OF FAIRFAX, EFFECTIVE NOVEMBER 18, 2003.

EXISTING UTILITY NOTE

THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE LOCATION OF ALL UTILITIES BEFORE COMMENCING WORK

GRADING NOTES

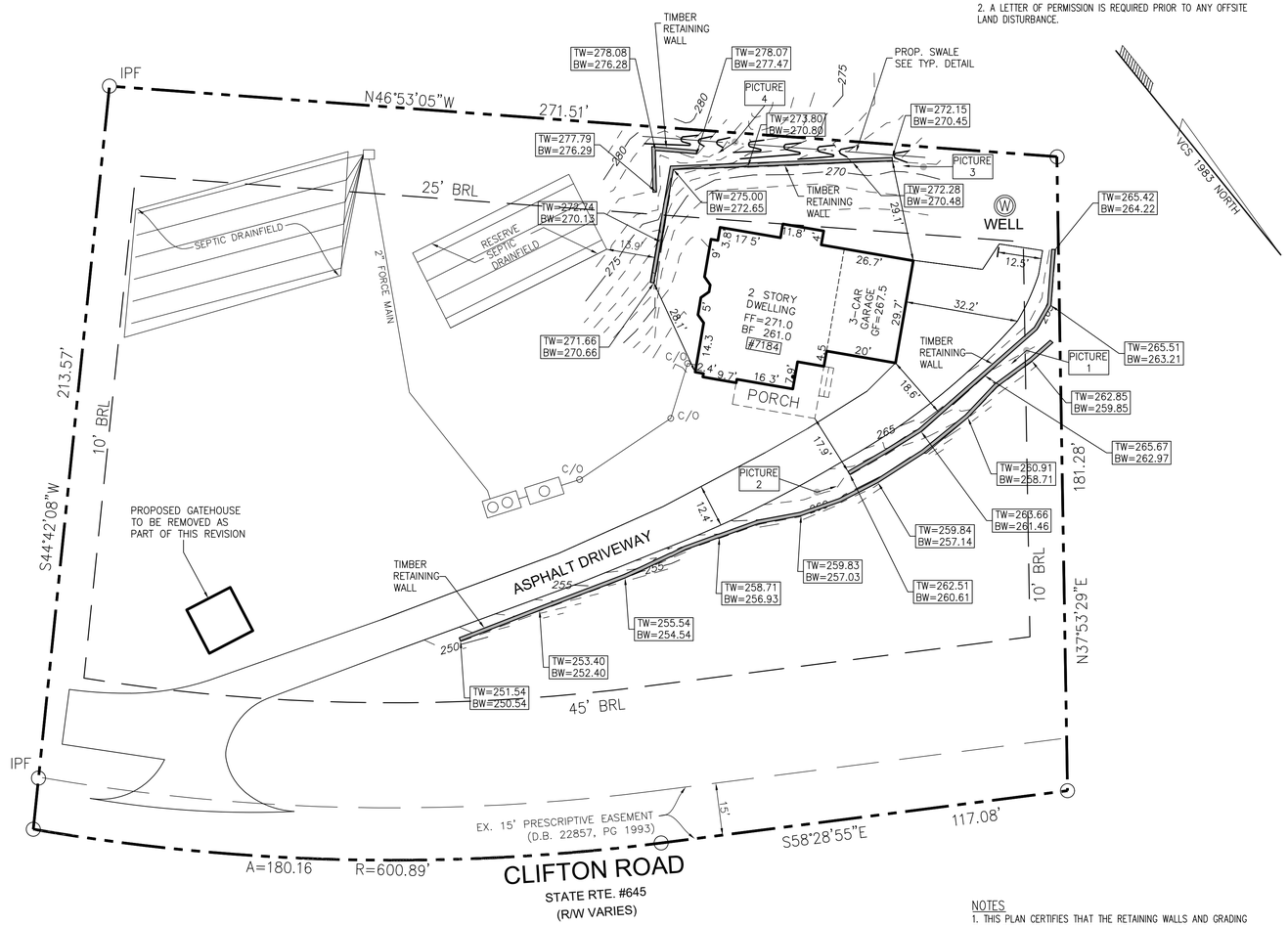
1. ALL FOOTING TO BE SET A MINIMUM OF 24" BELOW FINAL GRADE IN ORDER TO PROVIDE ADEQUATE FROST COVER PROTECTION
2. THE AREA LOCATED ADJACENT TO DWELLING IS TO BE SLOPED AT 5% AWAY FROM THE FOUNDATION WALL FOR A MINIMUM OF 10 FEET TO PROVIDE POSITIVE DRAINAGE.
3. NO DOWNSPOUTS TO BE DIRECTED STRAIGHT TO NEIGHBOR PROPERTY.
4. SITE WORK CONTRACTOR TO FIELD CHECK FINAL GRADING TO ENSURE THE DEVELOPMENT GRADING PLAN.
5. CONTRACTOR TO ENSURE POSITIVE DRAINAGE ACROSS ALL SURFACES TO PRECLUDE THE PONDING OF WATER IN YARDS OR ON PAVED SURFACES. THIS DOES NOT APPLY TO PONDING ASSOCIATED WITH STORMWATER MANAGEMENT FACILITIES.
6. THE SUB-BASE OF ALL PARKING AREAS AND TRAVEL LANES ON SITE SHALL BE PROOF ROLLED PRIOR TO THE REPLACEMENT OF ANY PAVING MATERIALS TO IDENTIFY ANY AREAS OF INADEQUATE OR STRUCTURALLY UNSATISFACTORY MATERIAL THAT MUST BE UNDERCUT.
7. IF STRUCTURAL FILL MATERIALS IS REQUIRED IT MUST BE APPROVED BY A GEOTECHNICAL CONSULTANT PRIOR TO PLACEMENT. FILL MATERIALS MUST BE COMPACTED IN ACCORDANCE WITH THE GEOTECHNICAL ENGINEERS SPECIFICATIONS AND UNDER HIS/HER GUIDANCE.
8. FOUNDATION DRAIN WILL DISCHARGE INTO SUMP PIT AND PUMPED AWAY FROM THE HOUSE AS SHOWN ON THIS PLAN.
9. CONTRACTOR MUST VERIFY APPROVED ARCHITECTURAL PLANS FOR BUILDING FOOTPRINTS AND ELEVATIONS. IF ANY DISCREPANCIES, CONTRACTOR HAS TO NOTIFY ENGINEER OR OWNER PRIOR TO START OF THE CONSTRUCTION WORK.

SEQUENCE OF CONSTRUCTION

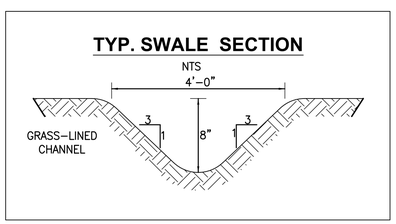
1. INSTALL SILT FENCE, TREE PROTECTION FENCE PRIOR TO AND SITE DISTURBANCE OR DEMOLITION.
2. CLEAR AND GRUB SITE FOR INSTALLATION OF PERIMETER CONTROLS.
3. CLEAR, GRUB, STRIP TOP SOIL AND ROUGH GRADE SITE
4. COMPLETE NEW CONSTRUCTION AND FINAL GRADING
5. STABILIZE ALL DISTURBED AREAS, NOT BUILT OVER OR PAVED WITH TOPSOIL, MULCHING AND SEEDING.
6. ALL SEDIMENT AND EROSION CONTROLS ARE TO REMAIN IN PLACE UNTIL SITE IS STABLIZED AND CAN ONLY BE REMOVED AT THE DIRECTION OF THE COUNTY INSPECTOR.

NOTE

1. FOR RETAINING WALLS OVER 3 FT. IN HEIGHT A SEPARATE PERMIT IS REQUIRED. THE RESERVES THE RIGHT TO REQUEST A BUILDING PERMIT FOR THE EXISTING RETAINING WALL.
2. A LETTER OF PERMISSION IS REQUIRED PRIOR TO ANY OFFSITE LAND DISTURBANCE.



TYP. SWALE SECTION



NOTES

1. THIS PLAN CERTIFIES THAT THE RETAINING WALLS AND GRADING THAT ARE SHOWN ON THIS PLAN WERE SURVEY LOCATED AND REFLECTING EXISTING CONDITIONS ON THE SITE.
2. THE GRADING ASSOCIATED WITH THE PREVIOUSLY APPROVED PLAN BY OTHERS IS NOT A PART OF THIS REVISION
3. THIS PLAN DOES NOT CERTIFY THE STRUCTURAL INTEGRITY OF THE EXISTING WALLS.

NO.	DATE	DESCRIPTION	BY
		ENGINEER/OWNER REVISIONS	

NO.	DATE	DESCRIPTION	BY
		COUNTY REVISIONS	

CURT R. CROUCH, P.E.

4995 CROUCH LANE
MIDLAND, VIRGINIA 22728
EMAIL: CROUCH.CURT@GMAIL.COM
TELEPHONE: 540.359.1636

LOT 106
7184 CLIFTON ROAD
CLIFTON, VA 20124

SPRINGFIELD TOWN OF CLIFTON DISTRICT
FAIRFAX COUNTY, VIRGINIA

SEAL

COMMONWEALTH OF VIRGINIA
CURT R. CROUCH
Lic. No. 047045
04/21/21
PROFESSIONAL ENGINEER

KEY PLAN

SCALE
20 10 0 20
SCALE IN FEET

No.	DATE	BY	Description

REVISIONS

DRAWN BY	CC
APPROVED BY	CC
CHECKED BY	CC
DATE	NOVEMBER 2020

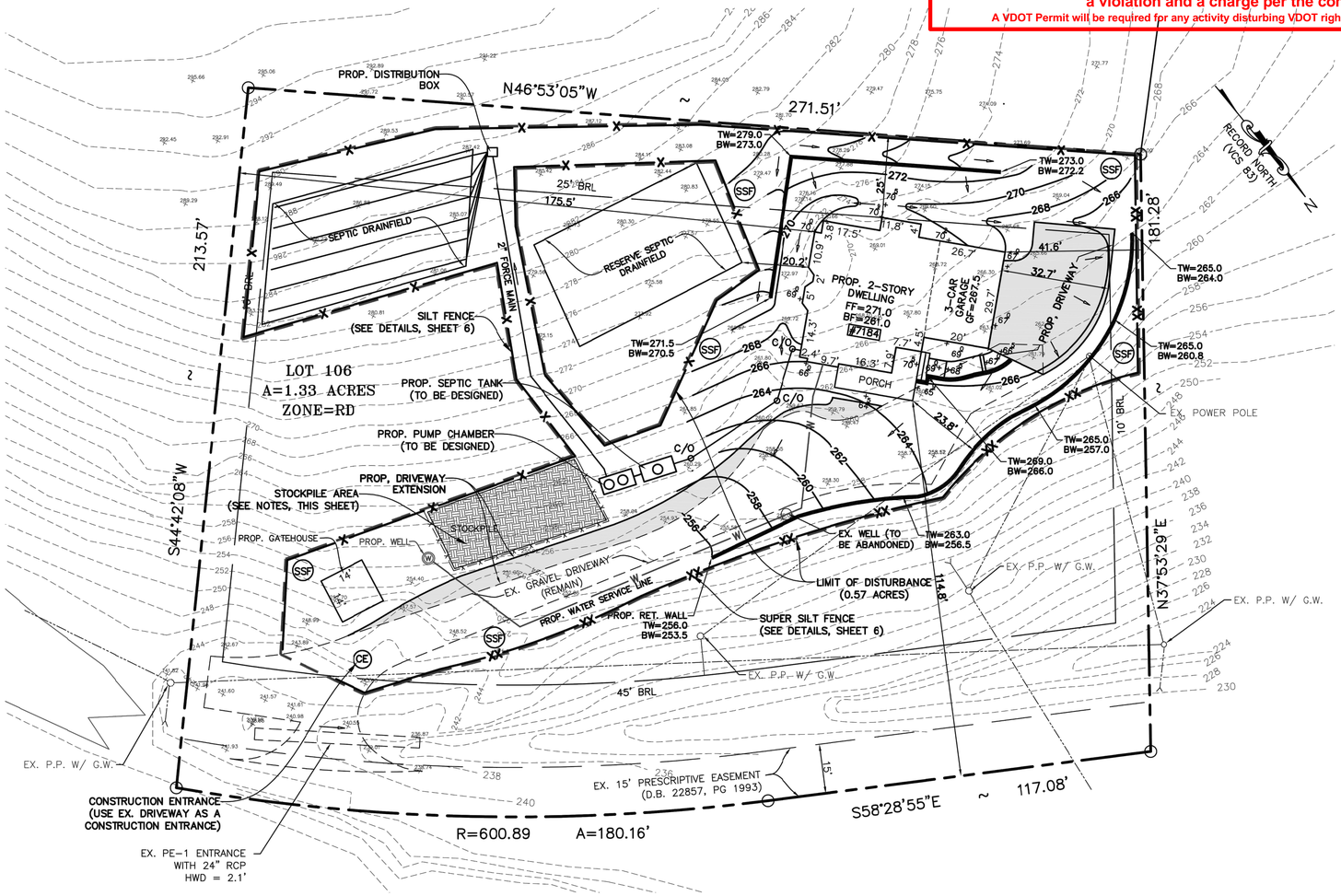
TITLE
RETAINING WALL REVISION

PROJECT NO. 9646-INFV-002

2

SHEET NO. 2 OF 3

APPROVED
Before you start work you are required to notify the site inspector at 703-324-1720. Failure to notify can result in a violation and a charge per the compliance inspection.
Plan Number: 009646-INFV -002
Date: 04/22/21
Stamped By: Walt Hamilton
A VDOT Permit will be required for any activity disturbing VDOT right-of-way or impeding pedestrian or vehicular traffic



GRADING PLAN (PHASE II)
SCALE: 1":20'

20 0 20 40
(IN FEET)
1 INCH=20 FT.

VIRGINIA UNIFORM CODING SYSTEM
for Erosion and Sediment Control Practices

NO.	TITLE	KEY	SYMBOL
3.02	TEMPORARY STONE CONSTRUCTION ENTRANCE	CE	
3.02	WASH RACK	WR	
3.05	SILT FENCE	SF	—X—X—X—
PFM PLATE 7-11	SUPER SILT FENCE	SSF	XX
3.31	TEMPORARY SEEDING	TS	
3.32	PERMANENT SEEDING	PS	
3.38	TREE PROTECTION FENCE	TP	TP
	LIMITS OF CLEARING AND GRADING		

TAX MAP # 0754 02 0106
JOB NO.: | SCALE: 1"=20'
DESIGN BY: | DATE: 2/11/2015
DRAWN BY: | SHEET: ~~2 of 7~~ 3 OF 3
CHECKED BY:

SITE GRADING PLAN
LOT 106
CLIFTON
7184 CLIFTON ROAD
MAGESTRIAL DISTRICT: SPRINGFIELD TOWN OF CLIFTON, VIRGINIA

COMMONWEALTH OF VIRGINIA
PRDM K BHANDARI
Lic. No. 042492
2/11/2015
PROFESSIONAL ENGINEER
AMA ENGINEERS, LLC
3930 PENDER DRIVE, SUITE 310
FAIRFAX, VA 22030
TEL: 703-655-2151
amaengineers@yahoo.com

NO.	DATE	DESCRIPTION	BY
REVISION BLOCK			

CBPO NOTES

THIS PLAN COMPLIES FULLY WITH AMENDMENT CHAPTER 118 (CHESAPEAKE BAY PRESERVATION ORDINANCE) OF THE CODE OF THE COUNTY OF FAIRFAX, EFFECTIVE NOV. 18. 2003.

EXISTING UTILITY NOTE

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE LOCATION OF ALL UTILITIES BEFORE COMMENCING WORK AND FOR ANY DAMAGES WHICH OCCUR BY HIS FAILURE TO LOCATE OR PRESERVE THESE UNDERGROUND AND OVERHEAD UTILITIES. IF, DURING CONSTRUCTION OPERATIONS, THE CONTRACTOR ENCOUNTERS UTILITIES OTHER THAN THOSE INDICATED BY MISS UTILITIES AND MEMBER UTILITY COMPANIES, HE (SHE) SHALL IMMEDIATELY NOTIFY THE OWNER AND TAKE NECESSARY AND APPROPRIATE STEPS TO PROTECT THE FACILITY AND ASSURE THE CONTINUANCE OF SERVICE. THE CONTRACTOR IS REQUIRED BY LAW TO NOTIFY MISS UTILITY @ 1-800-552-7001 AT LEAST 48 HOURS IN ADVANCE OF THE START OF ANY WORK ON THIS PROJECT.

2. THE SITE CONTRACTOR /DEVELOPER MUST VERIFY THE LOCATIONS AND ELEVATIONS OF ALL PUBLIC AND PRIVATE UTILITIES AND STRUCTURES AFFECTING THE SITE PRIOR TO THE START OF THE CONSTRUCTIONS. ANY CONFLICT WITH THE PLAN MUST BE BROUGHT TO THE ATTENTION OF THE ENGINEER IMMEDIATELY FOR RESOLUTION. FAILURE TO VERIFY EXISTING UTILITIES MAY RESULT IN COSTLY DELAYS IN REMEDIAL MEASURES.

CONSTRUCTION SCHEDULE:

1.	PRE-CONSTRUCTION MEETING	1 DAY
2.	INSTALL CONSTRUCTION ENTRANCE, SILT FENCE PRIOR TO ANY DISTURBANCE	2 DAYS
3.	CLEAR, GRUB, STRIP TOPSOIL AND BEGIN GRADING	3 DAYS
4.	DEMOLISH EX. HOUSE AND REMOVE DEBRIS	7 DAY
5.	CONSTRUCTION OF HOUSE, UTILITIES, & DRIVEWAY	180 DAYS
6.	STABILIZE ALL DISTURBED AREAS UPON COMPLETION OF ALL CONSTRUCTION ACTIVITIES	5 DAYS
7.	COUNTY INSPECTION & APPROVAL OF STABILIZED SITE	2 DAYS
8.	REMOVE SEDIMENT CONTROL DEVICES WITH THE INSPECTOR APPROVAL.	1 DAY
	TOTAL:	201 DAYS

SEQUENCE OF CONSTRUCTION

1. INSTALL GRAVEL CONSTRUCTION ENTRANCE AS SHOWN ON THE PLAN.
2. INSTALL SILT FENCE ALONG THE PERIMETER OF THE LIMITS OF CLEARING AND GRADING.
3. CLEAR AND GRUB SITE FOR INSTALLATION OF PERIMETER CONTROLS.
4. REMOVE DEBRIS FROM THE SITE.
5. COMPLETE NEW CONSTRUCTION AND FINAL GRADING.
6. STABILIZE ALL DISTURBED AREAS, NOT BUILT OVER OR PAVED, WITH TOPSOIL, MULCHING AND SEEDING.
7. ALL SEDIMENT AND EROSION CONTROLS ARE TO REMAIN IN PLACE UNTIL SITE IS STABILIZED AND CAN ONLY BE REMOVED AT DIRECTION OF THE COUNTY INSPECTOR.

STOCKPILE NOTES:

1. THE EXCESS DIRT SHALL BE TEMPORARILY STOCKPILED WITHIN THE LOCATION SHOWN ON THE PLAN, AND IT IS PROTECTED FROM E&S MEASURES.
2. THE GRADING/EXCAVATION CONTRACTOR FOR THE SUBJECT SITE IS REQUIRED TO NOTIFY, IN WRITING, THE ASSIGNED SITE INSPECTOR REGARDING ANY EXCESS MATERIAL PROPOSED TO BE HAULED OFFSITE PRIOR TO HAULING. THE NOTIFICATION MUST INDICATE THE QUANTITY OF MATERIAL TO BE MOVED OFFSITE, IDENTIFICATION OF THE RECEIVING SITE WHERE THE EXCESS WILL BE TAKEN, AND ALL INFORMATION NECESSARY TO SHOW THAT SUCH RECEIVING SITE HAS BEEN PROPERLY PERMITTED AND HAS E&S CONTROLS INSTALLED.
3. ALL EXCESS MATERIAL MUST BE HAULED OFFSITE PRIOR TO ANY GRADING ACTIVITY.

FOR INFORMATIONAL PURPOSES ONLY