DocuSign Envelope ID: 1F3A4A7D-BA4E-4981-AA5F-3A087120977E

PLAN APPROVAL INFORMATION			PROFESSIONAL SEAL PROFESSIONAL SEAL PROFESSIONAL SEAL AND SIGNATURE AND SIGNATURE AND SIGNATURE	$\mathbf{SCALE} \cdot 1^{"} = 1000^{"}$	ENGINEER'S/SURVEYOR'S CERTIFICATE:	
RELATED INFORMATION REOL		NTY IMBER COMMENTS/SHEET NO	BALTH OF	$\frac{\text{VICINITY MAP}}{\text{SCALL}}$	THIS PROPERTY IS IN THE NAME OFTOWN OF VIENNA	ZER®
1. CONCURRENT PROCESSING			Docubigned by: Docubigned by: Xyle Sollinger C		as recorded in deed book 01625 page 0507 of the Land Records of Faireax county v	HOR
2. MODIFIED PROCESSING 3. MAXIMUM DENSITY ADJUSTMENTS BASED			$- \sum_{F_1 \in 303B254364F9} Z = \sum_{I_1 \neq 802B04091D492} U = \sum_{I_1 \neq 802B040000000000000000000000000000000000$		The recorded in deed book The of the exite records of third he could be the record of the	EREY .
ON Z.O. 2-308			Lic. No. 051017		OWNER INFORMATION	YOR 400
5. WORK FORCE UNITS			04/05/2014		() TRUSTEE () AN INDIVIDUAL	RVE UITE MAIL
6.     R.P.A. DELINEATION       7.     FLOOD PLAIN STUDY	X		SSONAL ENGL		THE TOWN OF VIENNA	SU SU SU SU SU SU SU SU SU SU SU SU SU S
8. DRAINAGE STUDY 9. BATHYMETRIC SURVEY (SW-10)					PHONE	
10. CHESAPEAKE BAY ACT EXCEPTION			_ DATE DATE DATE DATE		127 CENTER ST. S, VIENNA, VA 22180	ASS ASS ARK
12. SOILS REPORT			DESIGNATED PLANS EXAMINER (DPE) CERTIFICATE			AND AND 191 228 10LZF
13. ONSITE EASEMENTS 14. OFFSITE FASEMENTS			1ST SUBMISSION REVIEWED & RECOMMENDED 2ND SUBMISSION REVIEWED & RECOMMENDED		DEVELOPER INFORMATION	<b>N E</b> NRN , NER 14-3 EY H
15. NOTARIZED LETTERS OF PERMISSION	X		FOR SUBMISSION FOR APPROVAL		() A CORPORATION () CONTRACT OWNER () A PARTNERSHIP	ESIG 1 - HC CON N, V 3 - 2
APPROVAL		SEE ATTACHED APPLICATION		SITE	() LESSEE () AN INDIVIDUAL	D MLE) MLE) 1 70 1 70
17. RETURN PLAN TO B.O.S. PRIOR TO APPR. 18. RETURN PLAN TO P.C. PRIOR TO APPR.			D.P.E. SIGNATURE & PRINTED NAME D.P.E. SIGNATURE & PRINTED NAME		THE TOWN OF VIENNA NAME 703-255-6356	0: <u>R</u> [1] NAGE  + <u>1</u> ]
19. ADJACENT PROPERTY OWNER NOTICES			DATE: REG. NO.: DATE: REG. NO.:		PHONE	NAM ESS: JE N
21. MAJOR UNDERGROUND UTILITY NOTICES			POST SUBMISSION CONFERENCE DATE:		127 CENTER ST. S, VIENNA, VA 22180 ADDRESS EMAIL	ADDR ADDR HON
22. REZONING/SPECIAL EXCEPTION/SPECIAL PERMIT APPROVAL						
23. B.O.S./B.Z.A. CLERK LETTER/RESOLUTION	X		ZONING REQUIREMENTS		WEILANDS PERMITS CERTIFICATION	
24. REZONING PROFFERS/CONDITIONS			1) ZONING		OBTAINED PRIOR TO COMMENCING WITH LAND DISTURBING ACTIVITIES.	
25. REZONING DEVELOPMENT PLAN 26. B.Z.A. VARIANCE APPROVAL			3) MIN. LOT AREA (SQ. FT.)		SIGNATURE	
27. WETLANDS/WATERS OF THE U.S. PERMIT	X	DATE SENT TO ACOE:	4) MIN. LOT WIDTH 75 (FT.)	SIDE WALK MAINTENANCE: XXXX-VD01, 0000-FFX TRAIL MAINTENANCE: 0000-FFX CO	OWNER/DEVELOPER LESLIE HERMAN DIRECTOR PARKS AND RECREATION	
28. STATE REGULATED DAM PERMIT		PERMIT RECEIVED: PERMIT NO. PERMIT RECEIVED: PERMIT NO.	<ul> <li>a) MAX. BUILDING HEIGHT</li></ul>	ALL OTHER WALKS/TRAILS TO BE OWNER MAINTAINED	NAME TITLE	
29. LOCATED IN DAM BREAK INUNDATION ZONE (STATE REGULATED DAMS)		DAM NAME: DAM NO.:	7) MIN. YARD REQUIREMENTS:	IAX MAP REFERENCE NUMBER(S)	DISTURBANCE.	4
2 EXTRA PLAN SETS REQUIRED			FRONT 15 (FT.) SIDE 15 (FT.) REAR 25 (FT.) 8) MAXIMUM FAR 150 SF PER 1 ACRE OPEN SPACE	DOUBLE     BLOCK       MAP_PAGE #     CIRCLE #     (SINGLE CIRCLE #)     LOT /PARCEL(S) #	DATE RECOMMEND APPROVAL (SIGNATURE & PRINTED NAME)	
31. VEGETATED ROOF NOTE			9) MAXIMUM DENSITY(D.U./AC.)	0384 08C N/A A		
32. OVERLAY DISTRICT INFORMATION 33. TREE BANKING			10) OPEN SPACE REQUIRED 60 % (SQ. FT.)		STREETLIGHT REVIEW - DPWES	
34. TREE FUND 35. GREEN PROJECT CERTIFICATION FOR			11) ANGLE OF BULK PLANE: TRUNI SIDE REAR		PUBLIC WATER AGENCY	
GREEN PRIORITY PLAN REVIEW			12) OVERLAY DISTRICT(S)	<u>COUNTY SOILS MAP DATA</u> SCALE: <u>1" = 3</u>		
MODIFICATIONS/WAIVERS					SANITARY SEWER REVIEW - DPWES	
			- <u>SILE FLAN (SF) TABULATIONS</u>		URBAN FOREST MANAGEMENT REVIEW - DPWES	
			1) SITE AREA(ACRES)(ACRES)(SQ. FT.)	Glen Cirsu S		<b>┌_</b> ┐ ∢
SOLID WASTE AND RECYCLING: ALL PRO	PERTIES ARE REQUIR	RED TO RECYCLE. DESIGNS FOR ALL	3) USE (SQ. FT.)	Ave Su.		sginl
PROPERTIES MUST PROVIDE ADEQUATE CO	ONTAINERS/STRUCTUR	RES FOR THE SEPARATE MANAGEMENT OF	4) NUMBER OF LOTS 149.280	Vienna Vienna	FAIRFAX COUNTY HEALTH DEPARTMENT	C VIE
RECYCLABLES AND TRASH. Single—family detached and townhouse			5) AREA OF LOTS (SQ. FT.) 6) DENSITY (D   / (AC.)	Acidemy	VIRGINIA DEPARTMENT OF TRANSPORTATION	
I CERTIFY THAT THE SITE DEPICTED ON THIS PLAN	IS (CHECK APPLICABLE ST	TATEMENT):	7) EXISTING BUILDING GROSS FLOOR AREA 300 (SQ. FT.)	95		
INFORMED THE PROPERTY OWNER OF THIS CO	NDITION.	CONDUCTED BY FAIRFAX COUNTY AND THAT I HAVE	8) PROPOSED BUILDING GROSS FLOOR AREA		GEOTECHNICAL REVIEW, DPWES	CCI RFAX
NOT IN A SANITARY DISTRICT AND TRASH AN	ID RECYCLING COLLECTION	WILL BE CONDUCTED BY A PRIVATE COMPANY.	9) EXISTING BUILDING NET FLOOR AREA (SQ. FT.) 10) PROPOSED BUILDING NET FLOOR AREA $\pm 224$ (SQ. FT.)	Star Star Star Star Star Star Star	STORMWATER REVIEW, DPWES	E AI
PROPERTIES, INCLUDING CONDOMINIUMS AND	DOSINESSES, SCHOOLS D APARTMENTS.	S AND INSTITUTIONS, AND MOETI-LAMIET	11) TOTAL FLOOR AREA RATIO (FAR) FOR ENTIRE SITE $\frac{0.0018}{+12}$	102 Sadow Till	PLAN REVIEWER - DPWES	
I CERTIFY THAT (ALL STEPS MUST BE COMPLETED):	ATION WORKSHEET FOR T	THIS PROPERTY.	12) PROPOSED BUILDING HEIGHT (FT.)			
N/A I HAVE INDICATED ON THE PLAN THE LOCATION	ON AND TYPE OF TRASH	AND RECYCLING CONTAINERS AND STRUCTURES. SEE	14) TOTAL HANDICAPPED PARKING REQUIRED	ark 34 2	DIRECTOR, SITE DEVELOPMENT & INSPECTIONS DIVISION, LDS, - DPWES	
$\underline{N/A}$ THE TRASH AND RECYCLING MANAGEMENT CO	DNTAINERS/STRUCTURES O	N THIS PLAN ARE ADEQUATE TO MEET THE MINIMUM	15) TOTAL HANDICAPPED PARKING PROVIDED 0	4		
SANITARY SEWER INFORMATION	THE WASTE STREAM CALC	ULATION WORKSHEET.	16) TOTAL HANDICAPPED VAN SPACES REQUIRED 17) TOTAL HANDICAPPED VAN SPACES PROVIDED2	105	BY_BY	
WASTEWATER TREATMENT PLANT NOMAN COLE			18) TOTAL PARKING SPACES REQUIRED 25	ren Cirsw		
THIS SITE IS SUBJECT TO <u>\$0.00</u> THIS SITE IS SERVED BY ONSITE SEWAGE TE	SA	NITARY SEWER REIMBURSEMENT CHARGES.	19) TOTAL PARKING SPACES PROVIDED	S <sup>eP</sup> 107B Ridge Rd S <sup>N</sup>	THIS PLAN SHALL EXPIRE WITHOUT NOTICE IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF THE COUNTY CODE. REVISIONS DO NOT EXTEND THE APPROVAL PERIOD. THE APPROVAL PERIOD	
		TREE PRESERVATION	21) LOADING SPACES PROVIDED 0		IS INDEPENDENT OF THE AGREEMENT EXPIRATION DATE.	
IN A RESOURCE PROTECTION	N AREA	TREE DESERVATION TARGET DEVIATIONS OR MODIFICATIONS	22) OPEN SPACE PROVIDED 99.82 % 149,005 (SQ. FT.)		THIS AFFROVAL IS NOT A COMMITMENT TO FROVIDE FUBLIC SANITART SEWER	_
		ARE BEING REQUESTED.	FIRE MARSHAL NOTES	SOIL ID SOIL SERIES FOUNDATION SOIL EROSION PROBLEM	CERTIFICATE OF NO CHANGE (FOR SUBMISSION OTHER THAN THE FIRST)	
	YES/NO	YES 🗆 NO 🖾 N/A 🗆		95     URBAN LAND     GOOD     GOOD     HIGH     IVB	I HEREBY CERTIFY THAT NO CHANGES HAVE BEEN MADE THAT WOULD AFFECT PRIOR	
PROTECTION AREA (IF YES, INDICATE TYPE BELOW)	NO		SOURCE OF FIRE FLOW INFO	101URBAN LAND-WHEATON COMPLEXGOODFAIRHIGHIVB102WHEATON LOAM, 2-25%SLOPEGOODGOODHIGHIVB	FIRE MARSHAL DATED	
REDEVELOPMENT PRINCIPAL STRUCTURE	NO	POTENTIAL FOR WETLANDS	TYPE OF CONSTRUCTION - USBCN/A	105C WHEATON-GLENELG COMPLEX GOOD GOOD HIGH IVB	WATER AUTHORITY DATED	
REDEVELOPMENT ACCESSORY STRUCTURE	NO	IS THE DISTURBED AREA LOCATED IN A WETLANDS AREA	BUILDING HEIGHT ±12 (FT.)	I I I I I I I I I I I I I I I I I I I	VDOT DATED	
PUBLIC ROADS	NO	YES NO	BUILDING TO BE FULLY SPRINKLERED YES D NOX	YES 🔲 NO 🛛	DPWES-SAN. SEWER DATED DPWES-STREETLIGHTS_DATED	
PRIVATE ROADS	NO	IS THE DISTURBED AREA LOCATED IN AN ESTIMATED	IF YES, CHECK APPROPRIATE STANDARD: NFPA 13 🗆 ; NFPA 13D 🗆 ; NFPA 13R 🗆	AREAS THAT MAY CONTAIN NOA SOIL ARE SHOWN ON THE OFFICIAL COUNTY SO	_S UFMD DATED	
DRIVEWAYS	NO	WEILANDS AREA DEPICTED ON THE COUNTY POTENTIAL	SEE PFM CHAPTER 9, PART 2 FOR FULL INFORMATION REQUIRED. FIRE FLOW REQUIREMENTS TO BE DETERMINED BY THE FIRE PREVENTION DIVISION.	REGULATED BY THE VIRGINIA DEPARTMENT OF LABOR AND INDUSTRY. SAFETY	SHEET INDEX	┨ │ │
STORMWATER OUTFALL	NO	IF YES, TO EITHER OF THE TWO QUESTIONS ABOVE,	[SEE PUBLIC WATER AGENCY NOTES ON SHEET]	ORIGINATING FROM THEM CAN BE FOUND ON THE NORTHERN VIRGINIA SOIL AND	Sheet Number Sheet Title	
OTHER (INDICATE TYPE):	NO	PROVIDE EVIDENCE OF APPROVED PERMIT OR VERIFICATION THAT NO PERMIT FROM THE ARMY CORPS OF ENGINEERS	STORMWATER INFORMATION COUNTY STORMWATER DEPMIT REQUIRED?	$\frac{1}{2} \text{ WATER CONSERVATION DISTRICT WEBSITE: WWW.FAIRFAXCOUNTY.GOV/NVSWCD}{2}$	1 COVER SHEET	
		IS REQUIRED BEFORE PLAN IS APPROVED.	SWM FACILITIES DI	ESIGNED USING:	2 TREE CONSERVATION PLAN	<u>بد</u> ا
NOTES AND CONDITIONS			TECHNICAL CRITERIA 5 🗌 (OLD)	TECHNICAL CRITERIA 4 🗌 (NEW)		WBE
1. THE APPROVAL OF THESE PLANS SHALL IN NO MAY BE REQUIRED BY THE CODE OF VIRGINIA O	WAY RELIEVE THE DEVELO R ANY ORDINANCE ENACT	DPER OR HIS AGENT OF ANY LEGAL RESPONSIBILITIES WHICH ED BY THE COUNTY OF FAIRFAX.	TIME LIMITS VPDES PERMIT NO. (IF TIME LIMITS):	TYPE OF DEVELOPMENT: NEW DEVELOPMENT REDEVELOPMENT	4 EROSION SEDIMENT CONTROL PHASE 1 5 EROSION SEDIMENT CONTROL PHASE 2	N
2. THE DESIGN, CONSTRUCTION, FIELD PRACTICES,	AND METHODS SHALL CON	NFORM TO THE REQUIREMENTS SET FORTH IN THE FAIRFAX		INCREASE IN IMPERVIOUS AREA)	6 EROSION SEDIMENT CONTROL NOTES	NTY
COUNTY CODE AND IN THE PUBLIC FACILITIES M PUBLIC FACILITIES MANUAL, THE APPROVED PLA	IANUAL AS AMENDED. FA ANS, AND THE PROVISIONS	ILURE TO COMPLY WITH THE FAIRFAX COUNTY CODE, THE GOVENTE OF THE DEVELOPMENT AGREEMENT AND PERMIT SHALL BE			7 EROSION SEDIMENT CONTROL DETAILS	COL
DEEMED A VIOLATION.			HIGH DENSITY POLYETHYLENE (HDPE) PIPE USED ON THIS PROJECT YES D NO	NON-POINT NUTRIENT CREDITS COMPREHENSIVE SWM PLAN	8 SITE PLAN	
3. WATER DISTRIBUTION NOTE: ALL FIRE PROTECTION	ON SYSTEMS WHICH ARE IN	NSTALLED IN COMPLIANCE WITH THESE PLANS AND COUNTY	SWM FACILITIES (PROPOSED ONLY)	OFF-SITE FACILITY	9 SITE DETAILS 10 GRADING PLAN	IEWE
REDUCE OR DISCONTINUE THE PROTECTION IN O	RDER TO MAKE TESTS, RE	EPAIRS, ALTERATIONS OR ADDITIONS, NOTIFY THE FAIRFAX			11 BUILDING LAYOUT	REV
4 A DEDMIT MUST DE ODTAINED EDOM THE VIDON	LIX AT 703-091-2131.					LAN
CONSTRUCTION IS STARTED ON ANY EXISTING S	TATE ROUTE. CONTACT T	THE VIRGINIA DEPARTMENT OF TRANSPORTATION THREE				Ľ
5 CONTRACTORS CHARLE NOTICY THE "WORK ST	WOTEL ATION OF WAT AT /U	T = 0 0 = 50 - 7001 = 0 + 0 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 =				
DEMOLITION, OR BLASTING AT LEAST TWO WORK	NUTIFICATION CENTER A	MENCEMENT OF EXCAVATION DEMOLITION, OR BLASTING IN				SHEET 1 OF 11
AUGURDANCE WITH THE VIRGINIA UNDERGROUND SHALL ALSO BE USED TO SERVE IN AN EMERGE	UTILITY DAMAGE PREVEN	ITON ACT. IN ADDITION, NAMES AND TELEPHONE NUMBERS IRED BY SECTION 63-2-2 OF THE FAIRFAX COUNTY CODE.				
6. THE COUNTY INSPECTOR SHALL BE NOTIFIED WH	IEN ANY IMPROVEMENTS P	PERTINENT TO HIS INSPECTION DUTIES ARE BEING INSTALLED.				REVIJED: X/XX
A. THE COUNTY SITE INSPECTOR IS TO BE NOT	IFIED AT LEAST 3 DAYS P	PRIOR TO START OF CONSTRUCTION.	DISTURBED AREA (DA) WITHIN WATERCHER(C).			
В. А MINIMUM OF 24 HOURS NOTICE IS REQUIR C. A MINIMUM OF 48 HOURS NOTICE IS REQUIR	ED WHEN REQUESTING RES	SIDENTIAL OR NON-RESIDENTIAL USE PERMITS. STS PERTAINING TO SANITARY SEWER ACCEPTANCE.	WATERSHED 1 $DA = (ACRES) WATERSHED 2$	$DA = (\Delta CRES)$ TOTAL DISTURRED $\Delta RE\Delta = (\Delta CRES)$		
						1



		Exist	ng Tree Inventory		
Tree No.	DSH	Botanical Name	Common Name	Canopy Spread	Status
10	10"	Acer rubrum	Red Maple	10'	To Remain
13	22"	Quercus rubra	Red Oak	22'	To Remain
14	29"	Quercus rubra	Red Oak	22'	To Remain
15	15"	Diospyros virginiana	Persimmon	18'	To Remain
16	17"	Diospyros virginiana	Persimmon	19'	To Remain
17	12"	Diospyros virginiana	Persimmon	17'	To Remain
18	20"	Diospyros virginiana	Persimmon	13'	To Remain
19	10"	Pyrus calleryana	Bradford Pear	15'	To Remain
21	12"	Diospyros virginiana	Persimmon	17'	To Remain
22	12"	Pyrus calleryana	Bradford Pear	21'	To Remain
22	26"	Acor rubrum	Bod Maple	27'	To Be
23	20	Acertubrum	Red Maple	21	Removed
24	21"	Acer rubrum	Red Maple	23'	To Remain
25	9"	Fraxinus	Ash	10'	To Remain
26	22"	Quercus phellos	Willow Oak	30'	To Remain
27	26"	Quercus rubra	Red Oak	24'	To Remain
37	7"	Quercus phellos	Willow Oak	10'	To Remain

NOTE:

TREE SURVEY NUMBERING CONSISTENT WITH TREE SURVEY CONDUCTED BY TOWN OF VIENNA STAFF.



NAD 83 VIRGINIA STATE PLANE NORTH ZONE, US FOOT

CALL 48 HOURS BEFORE YOU DIG

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Know what's below. Call before you dig.



![](_page_2_Figure_2.jpeg)

# **DEMOLITION NOTES**

- ITEMS IN CONFLICT WITH THE PROPOSED CONSTRUCTION.
- AND VERTICAL LOCATIONS PRIOR TO CONSTRUCTION.
- ACTION(S) TO BE TAKEN.
- PERMITS.
- REPRESENTATIVE.
- ACTION(S) TO BE TAKEN.
- APPROVAL FROM THE OWNER. MANNER AS TO PREVENT THE ENTRY OF UNAUTHORIZED PERSONS AT ANY TIME.
- DEMOLITION.

![](_page_2_Picture_15.jpeg)

![](_page_2_Picture_16.jpeg)

1. THIS DEMOLITION PLAN 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 AND FOR THE DEMOLITION, REMOVAL, OR RELOCATION OF

2. THIS DEMOLITION PLAN IS INTENDED TO IDENTIFY THOSE EXISTING ITEMS/CONDITIONS WHICH ARE TO BE REMOVED. IT IS NOT INTENDED TO PROVIDE DIRECTION OTHER THAN THAT ALL METHODS AND MEANS ARE TO BE IN ACCORDANCE WITH STATE, FEDERAL, LOCAL, AND JURISDICTIONAL REQUIREMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL OSHA AND OTHER SAFETY PRECAUTIONS NECESSARY TO PROVIDE A SAFE WORK SITE. CONTRACTOR IS TO RESTORE ALL OFF-SITE DISTURBED AREAS TO EXISTING CONDITIONS AFTER CONSTRUCTION. 4. LOCATIONS OF EXISTING UTILITIES ARE FOR REFERENCE ONLY. CONTRACTOR IS TO FIELD VERIFY THE HORIZONTAL

5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COORDINATION OF WORK WITH REPRESENTATIVE UTILITY COMPANIES AND FOR THE IMPLEMENTATION OF REQUIRED UTILITY-RELATED WORK.

6. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER'S REPRESENTATIVE UPON ENCOUNTERING ANY HAZARDOUS MATERIALS DURING DEMOLITION AND/OR CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL DOCUMENT THE SAME TO THE OWNER'S REPRESENTATIVE AND OBTAIN DIRECTION AS TO THE APPROPRIATE

7. DISCONNECTION OF SERVICES AND SYSTEMS SUPPLYING UTILITIES TO BE ABANDONED OR DEMOLISHED SHALL BE COMPLETED PRIOR TO OTHER SITE DEMOLITION IN FULL COMPLIANCE WITH APPLICABLE CODES, REGULATIONS, AND THE REQUIREMENTS OF THE UTILITY HAVING JURISDICTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION WITH THE UTILITY, PAYMENT OF ASSOCIATED FEES AND PROCUREMENT OF ALL NECESSARY

8. PRIOR TO REMOVAL OF MATERIALS OVER EXISTING UTILITY SYSTEMS, THE CONTRACTOR SHALL DOCUMENT EXISTING CONDITIONS AND, IF DIFFERENT FROM CONDITIONS AS REPRESENTED ON THE PLANS, NOTIFY THE OWNER'S REPRESENTATIVE AND OBTAIN DIRECTIONS AS TO THE APPROPRIATE ACTION(S) TO BE TAKEN. 9. THE CONTRACTOR SHALL PROTECT AND PREVENT DAMAGE TO EXISTING ON-SITE UTILITY DISTRIBUTION FACILITIES THAT ARE TO REMAIN. ACTIVE UTILITY DISTRIBUTION FACILITIES ENCOUNTERED DURING DEMOLITION AND/OR CONSTRUCTION ACTIVITIES SHALL BE SHUT OFF AT THE SERVICE MAIN WITH THE APPROVAL OF THE OWNER'S

10. DURING DEMOLITION AND/OR CONSTRUCTION ACTIVITIES, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER'S REPRESENTATIVE UPON ENCOUNTERING ANY EXISTING UTILITIES AND/OR UTILITY SYSTEM STRUCTURES NOT SHOWN ON THESE PLANS. THE CONTRACTOR SHALL DOCUMENT THE SAME AND FORWARD THE INFORMATION TO THE RESIDENT ENGINEER / OWNER'S REPRESENTATIVE, AND OBTAIN DIRECTION AS TO THE APPROPRIATE

11. FOR ALL ÚTILITIES TO BE RELOCATED, THE SERVICE SHALL NOT BE INTERRUPTED WITHOUT PRIOR WRITTEN

12. CONTRACTOR IS RESPONSIBLE TO SAFEGUARD THE SITE AS NECESSARY TO PERFORM THE DEMOLITION IN SUCH A

13. CONTRACTOR TO COORDINATE WITH CITY OF VIENNA ON ITEMS TO SALVAGE AND/OR TRANSPLANT AHEAD OF

14. CONTRACTOR IS RESPONSIBLE FOR THE LAWFUL DISPOSAL OF REMOVED ITEMS AND MATERIALS

![](_page_2_Picture_28.jpeg)

	DATE BY
	o. REVISIONS
Kimley»Horn	© 2023 KIMLEY-HORN AND ASSOCIATES, INC. 11400 COMMERCE PARK DR., SUITE 400, RESTON, VA 20191 PHONE: 703-674-1300 FAX: 703-674-1350 WWW.KIMLEY-HORN.COM
DOI 1004 1004 1004 1004 1004 1004 1004 100	OF U OF U OF OF U OF OF OF OF OF OF OF OF OF OF
KHA PROU 110624( DATE 04/05/2	DESIGNED BY DRAWN BY CHECKED BY
AEADOW LANE PARK BATHROOM	CITY OF VIENNA VA VA VA

![](_page_3_Figure_1.jpeg)

![](_page_3_Figure_2.jpeg)

![](_page_3_Figure_3.jpeg)

1.	PRE-CONSTRUCTION MEI
	THE MEETING AND THE C
2.	CONTRACTOR TO STAKE
	MEETING.
3.	REMOVE EXISTING BIKE F
4.	INSTALL CONSTRUCTION
5.	INSTALL PERIMETER ERC

- SIGNAGE.
- 6. CLEARING.
- BEGIN DEMOLITION AND GRADING. 7.

# NOTES

- ADJACENT PROPERTIES OR EXISTING TREES.
- 2. 3.
- CONTRACTOR.
- 4. SIGNAGE.

![](_page_3_Picture_14.jpeg)

 PROPERTY LINE
 LIMITS OF DISTURBANCE (±0.061)
EXISTING STORM STRUCTURE
EXISTING SOIL TYPE
 SUPER SILT FENCE
 SAFETY FENCE
 TREE PROTECTION FENCING AND SIGNAGE
STABILIZED CONSTRUCTION ENTRANCE
INLET PROTECTION

# OF CONSTRUCTION

EETING IS REQUIRED BY FAIRFAX COUNTY. FAIRFAX COUNTY WILL ORGANIZE AND SCHEDULE CONTRACTOR, OWNER AND ENGINEER SHALL BE IN ATTENDANCE.

E OUT PROJECT LIMITS OF DISTURBANCE PRIOR TO SCHEDULING OF PRE-CONSTRUCTION

#### RACK N ENTRANCE.

ROSION CONTROLS INCLUDING INLET PROTECTION AND SUPER SILT FENCE/TREE PROTECTION

SITE INSPECTOR APPROVAL REQUIRED FOR EROSION AND SEDIMENT CONTROL MEASURES PRIOR TO SITE

1. ANY MATERIAL STORAGE DURING CONSTRUCTION SHALL NOT BE DONE IN A WAY THAT MAY NEGATIVELY IMPACT

TEMPORARY SEEDING TO BE APPLIED TO ANY DENUDED AREA THAT IS LEFT DORMANT FOR 14 DAYS OR LONGER. CONTRACTOR TO DOCUMENT EXISTING CONDITION OF SIDEWALK, WALKWAY AND EXISTING VEGETATION ALONG ACCESS ROUTE WITHIN ADJACENT PROPERTIES. ANY DAMAGE OCCURRING TO THE ADJACENT SITE DURING CONSTRUCTION OPERATIONS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. ALL EXISTING DAMAGED ITEMS SHALL BE RESTORED TO THEIR ORIGINAL CONDITIONS PRIOR TO THE PROJECT AT THE EXPENSE OF THE

> nad 83 virginia STATE PLANE North Zone, US FOOT

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DIAL 811

THE CONTRACTOR SHALL STAKE OUT THE LOD FOR APPROVAL BY THE OWNER PRIOR TO INSTALLATION OF PERIMETER EROSION CONTROLS INCLUDING INLET PROTECTION AND SUPER SILT FENCE/TREE PROTECTION

EE	T 20

	B
	DATE
	REVISIONS
	, o z
	<b>Kimley » Horn</b> © 2023 KIMEY-HORN AND ASSOCIATES, INC. 11400 COMMERCE PARK DR., SUITE 400, RESTON, VA 20191 PHONE: 703-674-1300 FAX: 703-674-1350 WWW.KIMLEY-HORN.COM
	$\begin{array}{c c} & & & \\ & & & & \\ & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & &$
EDULE	KHA PROJECT 110624001 DATE 04/05/2024 SCALE AS SHOV DESIGNED BY I DRAWN BY I CHECKED BY J
CT ER. IG TEMS	EROSION SEDIMENT CONTROL PHASE 1
3 VIRGINIA E PLANE NE, US FOOT	MEADOW LANE PARK BATHROOM PREPARED FOR CITY OF VIENNA 400 COURTHOUSE RD, VIENNA VA
Know what's below. Call before you dig.	SHEET NUMBER SHEET 4 OF 11

![](_page_4_Figure_1.jpeg)

![](_page_4_Figure_2.jpeg)

![](_page_4_Figure_3.jpeg)

# PHASE 2 SEQUENCE OF CONSTRUCTION

1.	BEGIN GRADING AND E
2.	COMPLETE ROUGH GR
3.	BEGIN STORMWATER N
4.	BEGIN FINE GRADING A
5.	CONTRACTOR TO PRO
6.	INSTALL LANDSCAPING
7.	REMOVE CONSTRUCT
	SITE HAS BEEN PERMA
8.	REMOVE ALL REMAININ
	LATEST EDITION OF TH
	CONTROL MEASURES
	HAS BEEN ESTABLISHE
	AUTHORIZED BY THE E

NOTES	
1.	CONTRACTOR SHALL E
	ADJACENT PROPERTIE
2.	TEMPORARY SEEDING
3.	CONTRACTOR TO DOCU
	ACCESS ROUTE WITHIN
	CONSTRUCTION OPERA
	ITEMS SHALL BE RESTO
	CONTRACTOR.

![](_page_4_Picture_7.jpeg)

![](_page_4_Picture_8.jpeg)

# PROPERTY LINE

- LIMITS OF DISTURBANCE (±0.061)
- EXISTING STORM STRUCTURE
- EXISTING SOIL TYPE
- SUPER SILT FENCE
- SAFETY FENCE
- TREE PROTECTION FENCING AND SIGNAGE
- STABILIZED CONSTRUCTION ENTRANCE

INLET PROTECTION

BEGIN GRADING AND EARTHWORK OPERATIONS ONSITE.

RADING OPERATIONS.

MANAGEMENT IMPROVEMENTS. AND PAVING IMPROVEMENTS.

- DTECT NEWLY INSTALLED INLET UNTIL UPSTREAM DRAINAGE AREA HAS BEEN STABILIZED. G AND PERMANENT SEEDING.
- ION ENTRANCE WITH EROSION CONTROL INSPECTOR APPROVAL AFTER A MAJORITY OF THE ANENTLY STABILIZED AND REMAINING WALKWAY NEEDS TO BE INSTALLED. NG TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES IN ACCORDANCE WITH THE
- HE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK. DO NOT REMOVE EROSION UNTIL THE ENTIRE SITE HAS BEEN PERMANENTLY STABILIZED AND ADEQUATE VEGETATION ED. REMOVAL OF ANY EROSION AND SEDIMENT CONTROL MEASURE SHALL NOT OCCUR UNTIL EROSION CONTROL INSPECTOR.

ENSURE THAT MATERIAL STORAGE DURING CONSTRUCTION DOES NOT NEGATIVELY IMPACT ES OR EXISTING TREES.

G TO BE APPLIED TO ANY DENUDED AREA THAT IS LEFT DORMANT FOR 14 DAYS OR LONGER. CUMENT EXISTING CONDITION OF SIDEWALK, WALKWAY AND EXISTING VEGETATION ALONG IN ADJACENT PROPERTIES. ANY DAMAGE OCCURRING TO THE ADJACENT SITE DURING ATIONS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. ALL EXISTING DAMAGED ORED TO THEIR ORIGINAL CONDITIONS PRIOR TO THE PROJECT AT THE EXPENSE OF THE

NAD 83 VIRGINIA STATE PLANE NORTH ZONE, US FOOT
CALL 48 HOURS BEFORE YOU DIG

![](_page_4_Picture_28.jpeg)

 $\geq$ 

SHEET NUMBER

SHEET 5 OF 11

		KHA PROJECT				
IEAUOW LANE PARK		110624001				
RATHROOM	FROSION SFDIMFNT	DATE DATE DATE DATE DATE DATE DATE DATE				
		BOIL BOIL BOIL BOIL BOIL BOIL BOIL BOIL	© 2023 KIMI EV-HORN AND ASSOCIATES INC			
PREPARED FOR	CONTROL PHASE 2	LIN 511	11400 COMMERCE PARK DR SLITE 400 RESTON VA 20191			
			PHONE: 703-674-1300 FAX: 703-674-1350			
		DRAWN BY AR AN	WWW.KIMLEY-HORN.COM			
COURTHOUSE RD, VIENNA VA		CHECKED BY JSH		No.	REVISIONS	DATE BY

# EROSION AND SEDIMENT CONTROL NARRATIVE

PROJECT DESCRIPTION THIS PROJECT CONSISTS OF IMPROVEMENTS INCLUDING 0.05 ACRE PARK CONTAINING PLAYGROUNDS, RESTROOM FACILITIES, TENNIS COURTS, BASKETBALL COURTS, AND BASEBALL FIELD LOCATED TO THE SOUTHEAST OF COURTHOUSE ROAD SW. AND NORTHWEST OF MEADOW LANE SW WITHIN THE CITY OF VIENNA IN FAIRFAX COUNTY, VA.

PROPOSED IMPROVEMENTS INCLUDE REGRADING THE EXISTING ASPHALT TRAIL, REMOVING THE EXISTING BATHROOMS AND CONCRETE PAD AND A PROPOSED CONCRETE PAD AND BATHROOM BUILDING. THE PROPOSED LAND DISTURBANCE IS ±0.061. ACCESS TO THE SITE WILL BE PROVIDED BY CONSTRUCTION ENTRANCE AND ASPHALT TRAIL.

#### XISTING SITE CONDITION

THE SUBJECT SITE CURRENTLY CONSISTS OF OPEN SPACE. MOST OF THE TERRAIN AT THE SITE INCLUDES GRADES AVERAGING LESS THAN 7%. THE SITE GENERALLY FLOWS FROM NORTHEAST TO SOUTHWEST. NO RESOURCE PROTECTION AREA OR FLOODPLAIN IS KNOWN TO EXIST ON THIS SITE.

ADJACENT AREAS

THE PROJECT IS GENERALLY BOUNDED THE EXISTING PARK. TO THE NORTH OF THE SITE IS EXISTING PARK, EAST OF SITE IS MEADOW LANE SW, SOUTH OF SITE IS WARE STREET SW AND WEST OF SITE IS COURTHOUSE ROAD SW.

### OFF-SITE AREAS

THERE WILL BE NO OFF-SITE WORK.

## CRITICAL AREAS

CRITICAL AREAS TYPICALLY INCLUDE AREAS OF STEEP SLOPES, AREAS ADJACENT TO WETLANDS, AND OTHER AREAS WITH SERIOUS EROSION POTENTIAL THERE ARE NO CRITICAL AREAS ON SITE.

A LIST OF SOILS PRESENT IN THE PROJECT AREA:

SOILS INFORMATION								
MAP SYMBOL	MAP UNIT NAME	HSG RATING	FOUNDATION SUPPORT	SOIL DRAINAGE	EROSION POTENTIAL	PROBLEM CLASS		

EROSION AND SEDIMENT CONTROL MEASURES

- 1. CONSTRUCTION ENTRANCE WILL BE PROVIDED AT THE POINT OF VEHICLE INGRESS/EGRESS TO THE SITE TO REDUCE THE AMOUNT OF MUD AND SEDIMENT TRANSPORTED ONTO ROADWAYS AND ADJACENT PROPERTIES.
- 2. INLET PROTECTION WILL BE PROVIDED AT ALL PROPOSED STORM SEWER INLETS AND ALL EXISTING STORM SEWER INLETS LOCATED DIRECTLY DOWNSTEAM OF CONSTRUCTION ACTIVITY TO REDUCE THE AMOUNT OF SEDIMENT CARRIED INTO THE STORM SEWER SYSTEMS.
- 3. SUPER SILT FENCE WILL BE USED TO REDUCE THE SEDIMENT CARRIED OFF SITE BY SHEET FLOW.

4. PERMANENT AND TEMPORARY STABILIZATION WILL BE UTILIZED TO STABILIZE ALL DISTURBED AREAS.

- 5. TEMPORARY STABILIZATION WILL BE USED IN ACCORDANCE WITH THE SEEDING SCHEDULE SHOWN ON THIS SHEET.
- 6. SOIL STOCK PILES WILL BE ENCIRCLED WITH SILT FENCE AND TEMPORARY SEEDING WILL BE PERFORMED IF NECESSARY.

## PERMANENT STABILIZATION

ALL AREAS DISTURBED BY CONSTRUCTION SHALL BE STABILIZED WITH PERMANENT SEEDING IMMEDIATELY FOLLOWING FINISH GRADING. SEEDING SHALL BE DONE ACCORDING TO STD. & SPEC. 3.32, PERMANENT SEEDING, OF THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK (VESCH) AND MULCH (STRAW OR FIBER) WILL BE APPLIED. CONTRACTOR SHALL SUBMIT TOPSOIL SAMPLES FOR ANALYSIS BY AN ACCREDITED SOIL LAB AND PROVIDE LIME AND/OR FERTILIZER AS RECOMMENDED. THE SITE WILL BE STABILIZED BY THE ULTIMATE DEVELOPMENT INCLUDING PAVED AREAS, SEEDED AREAS, AND LANDSCAPED AREAS.

CONSTRUCTION SCHEDULE

SEE SEQUENCE OF CONSTRUCTION ON SHEETS 4 AND 5.

NOTE: THE FAIRFAX COUNTY EROSION & SEDIMENT CONTROL ENGINEER & INSPECTOR SHALL HAVE THE AUTHORITY TO ADD OR DELETE EROSION & SEDIMENT CONTROLS AS NEEDED IN THE FIELD, AS SITE CONDITIONS WARRANT.

MAINTENANCE EROSION CONTROL MEASURES WILL BE INSPECTED AND MAINTAINED IN ACCORDANCE WITH THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK (VESCH).

INSPECT ALL EROSION AND SEDIMENT CONTROL MEASURES AT THE CLOSE OF EACH WORKDAY AND AFTER EACH SIGNIFICANT RAIN STORM. MAKE NECESSARY REPAIRS OR CLEAN UP IMMEDIATELY TO MAINTAIN THE EFFECTIVENESS OF THE MEASURES. THE FOLLOWING ITEMS WILL BE CHECKED IN PARTICULAR:

- THE SILT FENCE BARRIER WILL BE CHECKED REGULARLY FOR UNDERMINING OR DETERIORATION OF THE FABRIC. SEDIMENT SHALL BE REMOVED WHEN THE LEVEL OF SEDIMENT DEPOSITION REACHES HALF WAY TO THE TOP OF THE BARRIER. THE SEEDED AREAS WILL BE CHECKED REGULARLY TO ENSURE THAT A GOOD STAND IS MAINTAINED. AREAS SHOULD BE FERTILIZED AND RESEEDED AS NEEDED.
- APPLICABLE MINIMUM STANDARDS FROM VESCH (FIND DETAILS ON SHEET #)

• CONSTRUCTION ENTRANCE (3.02), SILT FENCE (3.05), STORM DRAIN INLET PROTECTION (3.07), TEMPORARY SEEDING (3.31), PERMANENT SEEDING (3.32)

#### APPLICABLE MINIMUM STANDARDS FOR E&SC FROM VESCH

THE FOLLOWING EROSION CONTROL MEASURES AS SHOWN ON THE EROSION CONTROL PLAN SHEET(S) OF THE SITE PLAN WILL BE USED FOR THIS PROJECT:

3.05 SILT FENCE - A TEMPORARY SEDIMENT BARRIER CONSISTING OF A SYNTHETIC FILTER FABRIC STRETCHED ACROSS AND ATTACHED TO SUPPORTING POSTS AND ENTRENCHED WILL BE PROVIDED AROUND MUCH OF THE SITE PERIMETER AND PARALLEL TO SLOPED AREAS. THE PURPOSE OF THIS PRACTICE IS TO INTERCEPT AND DETAIN SMALL AMOUNTS OF SEDIMENT FROM DISTURBED AREAS DURING CONSTRUCTION OPERATIONS IN ORDER TO PREVENT SEDIMENT FROM LEAVING THE SITE. SILT FENCES SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY. CLOSE ATTENTION SHALL BE PAID TO THE REPAIR OF DAMAGED SILT FENCE RESULTING FROM END RUNS AND UNDERCUTTING. SHOULD THE FABRIC ON A SILT FENCE DECOMPOSE OR BECOME INEFFECTIVE PRIOR TO THE END OF THE EXPECTED USABLE LIFE AND THE BARRIER STILL BE NECESSARY, THE FABRIC SHALL BE REPLACED PROMPTLY. SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH STORM EVENT. THEY MUST BE REMOVED WHEN DEPOSITS REACH APPROXIMATELY ONE-HALF THE HEIGHT OF THE BARRIER. ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE SILT FENCE IS NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM WITH THE EXISTING GRADE, PREPARED AND SEEDED.

3.07 STORM DRAIN INLET PROTECTION - A SEDIMENT FILTER OR AN EXCAVATED IMPOUNDING AREA AROUND A STORM DRAIN DROP INLET OR CURB INLET WILL BE PROVIDED AT ALL INLET LOCATIONS WITHIN THE LIMITS OF DISTURBANCE. THE PURPOSE OF THIS PRACTICE IS TO PREVENT SEDIMENT FROM ENTERING STORM DRAINAGE SYSTEMS PRIOR TO PERMANENT STABILIZATION OF THE DISTURBED AREA. THE STRUCTURE SHALL BE INSPECTED AFTER EACH RAIN AND REPAIRS MADE AS NEEDED. SEDIMENT SHALL BE REMOVED AND THE TRAP RESTORED TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED TO ONE HALF THE DESIGN DEPTH OF THE TRAP. REMOVED SEDIMENT SHALL BE DEPOSITED IN A SUITABLE AREA AND IN SUCH A MANNER THAT IT WILL NOT ERODE. STRUCTURES SHALL BE REMOVED AND THE AREA STABILIZED WHEN THE REMAINING DRAINAGE AREA HAS BEEN PROPERLY STABILIZED. STORM DRAIN INLET PROTECTION THAT COMPLETELY BLOCKS THE THROAT OR ENTRANCE IS NOT PERMITTED. PLATE 3.07-1 SHOULD BE USED FOR DROP INLET PROTECITON AND PLATE 3.07-8 SHOULD BE USED FOR CURB INLET PROTECTION.

3.32 PERMANENT SEEDING - THE ESTABLISHMENT OF PERENNIAL VEGETATIVE COVER ON DISTURBED AREAS BY PLANTING SEED WILL BE PROVIDED AS SHOWN ON THE LANDSCAPING PLAN. PERMANENT SEEDING SHALL BE APPLIED TO DENUDED AREAS WITHIN SEVEN DAYS AFTER FINAL GRADE IS REACHED AS PER MS-1. THE PURPOSE OF THIS PRACTICE IS TO REDUCE EROSION AND DECREASE SEDIMENT YIELD FROM DISTURBED AREAS AND TO PERMANENTLY STABILIZE DISTURBED AREAS IN A MANNER THAT IS ECONOMICAL, ADAPTABLE TO SITE CONDITIONS, AND ALLOWS SELECTION OF THE MOST APPROPRIATE PLANT MATERIALS.

#### MS 3 - PERMANENT STABILIZATION

VEGETATIVE COVER SHALL BE ESTABLISHED ON DENUDED AREAS NOT OTHERWISE PERMANENTLY STABILIZED. PERMANENT VEGETATION SHALL NOT BE CONSIDERED ESTABLISHED UNTIL A GROUND COVER IS ACHIEVED THAT IS UNIFORM, MATURE ENOUGH TO SURVIVE, AND WILL INHIBIT EROSION.

MS 17 - CONSTRUCTION ENTRANCE (THIS IS ONLY REQUIRED IF INSTRUCTED BY SITE INSPECTOR)

A TEMPORARY CONSTRUCTION ENTRANCE WITH A WASH RACK SHALL BE INSTALLED PER PLATE 3.02. DURING MUDDY CONDITIONS, DRIVERS OF CONSTRUCTION VEHICLES EXITING THE SITE WILL BE REQUIRED TO WASH THEIR WHEELS BEFORE ENTERING THE ROADWAY.

#### MS 19 - STORMWATER MANAGEMENT

PROPERTIES AND WATERWAYS DOWNSTREAM FROM DEVELOPMENT SITES SHALL BE PROTECTED FROM SEDIMENT DEPOSITION, EROSION, AND DAMAGE DUE TO INCREASES IN VOLUME, VELOCITY, AND DAMAGE DUE TO INCREASES IN VOLUME, VELOCITY, AND PEAK FLOW RATE OF STORMWATER RUNOFF FOR THE STARTED FREQUENCY STORM OF 24-HOUR DURATION IN ACCORDANCE WITH THE FOLLOWING STANDARDS AND CRITERIA. CONCENTRATED STORMWATER RUNOFF LEAVING A DEVELOPMENT SITE SHALL BE DISCHARGED DIRECTLY INTO AN ADEQUATE NATURAL OR MAN-MADE RECEIVING CHANNEL, PIPE, OR STORM SEWER SYSTEM. OUTFALL FROM A DETENTION FACILITY SHALL BE DISCHARGED TO A RECEIVING CHANNEL, AND ENERGY DISSIPATERS SHALL BE PLACED AT THE OUTFALL OF ALL DETENTION FACILITIES AS NECESSARY TO PROVIDE A STABILIZED TRANSITION FROM THE FACILITY TO THE RECEIVING CHANNEL

## GENERAL EROSION AND SEDIMENT CONTROL NOTES

(FROM VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK)

ES-1: UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE CONSTRUCTED AND MAINTAINED ACCORDING TO MINIMUM STANDARDS AND SPECIFICATIONS OF THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK AND VIRGINIA REGULATIONS 4VAC50-30 EROSION AND SEDIMENT CONTROL REGULATIONS. ES-2: THE FAIRFAX COUNTY EROSION & SEDIMENT CONTROL ENGINEER MUST BE NOTIFIED ONE WEEK PRIOR TO THE PRE-CONSTRUCTION CONFERENCE, ONE WEEK PRIOR TO THE COMMENCEMENT OF LAND DISTURBING ACTIVITY, AND ONE WEEK

PRIOR TO THE FINAL INSPECTION. ES-3: ALL EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE PLACED PRIOR TO OR AS THE FIRST STEP IN CLEARING.

ES-4: A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON THE SITE AT ALL TIMES. ES-5: PRIOR TO COMMENCING LAND DISTURBING ACTIVITIES IN AREAS OTHER THAN INDICATED ON THESE PLANS (INCLUDING, BUT NOT LIMITED TO, OFF-SITE BORROW OR WASTE AREAS), THE CONTRACTOR SHALL SUBMIT A SUPPLEMENTARY EROSION CONTROL PLAN TO THE OWNER FOR REVIEW AND APPROVAL BY THE FAIRFAX COUNTY EROSION & SEDIMENT CONTROL ENGINEER. ES-6: THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE FAIRFAX COUNTY EROSION & SEDIMENT CONTROL ENGINEER. ES-7: ALL DISTURBED AREAS ARE TO DRAIN TO APPROVED SEDIMENT CONTROL MEASURES AT ALL TIMES DURING LAND

DISTURBING ACTIVITIES AND DURING SITE DEVELOPMENT UNTIL FINAL STABILIZATION IS ACHIEVED. ES-8: DURING DEWATERING OPERATIONS, WATER WILL BE PUMPED INTO AN APPROVED SEDIMENT TRAPPING/FILTERING DEVICE. NO CONTAMINATED EFFLUENT OR GROUNDWATER MAY BE DISCHARGED WITHOUT A SEPARATE VPDES DISCHARGE PERMIT FROM THE VDEQ.

ES-9: THE CONTRACTOR SHALL INSPECT ALL EROSION CONTROL MEASURES NOT LESS THAN ONCE EVERY FOURTEEN (14) CALENDAR DAYS AND WITHIN 48 HOURS FOLLOWING A RUNOFF PRODUCING RAINFALL EVENT (0.5 INCH OR GREATER RAINFALL WITHIN A 24-HOUR PERIOD). A RAIN GAUGE SHALL BE INSTALLED ON-SITE TO DETERMINE IF AN INSPECTION TRIGGERING RAINFALL EVENT HAS OCCURRED. ANY NECESSARY REPAIRS OR CLEANUP TO MAINTAIN THE EFFECTIVENESS OF THE EROSION CONTROL DEVICES SHALL BE MADE IMMEDIATELY.

ES-10: DUST CONTROL SHALL BE PROVIDED IN COMPLIANCE WITH APPLICABLE LOCAL AND STATE DUST CONTROL REGULATIONS. ES-11: NO SOLID MATERIALS, INCLUDING BUILDING MATERIALS, ARE ALLOWED TO BE DISCHARGED FROM THE SITE WITH STORMWATER. ALL SOLID WASTE, INCLUDING DISPOSABLE MATERIALS INCIDENTAL TO THE MAJOR CONSTRUCTION ACTIVITIES, MUST BE COLLECTED, REMOVED FROM THE SITE AND DISPOSED OF IN ACCORDANCE WITH ALL STATE AND LOCAL REGULATIONS ES-12: ALL PERSONNEL INVOLVED WITH CONSTRUCTION ACTIVITIES MUST COMPLY WITH STATE AND LOCAL SANITARY OR SEPTIC SYSTEM REGULATIONS. TEMPORARY SANITARY FACILITIES WHERE PROVIDED AT THE SITE THROUGHOUT THE CONSTRUCTION PHASE MUST BE UTILIZED BY ALL CONSTRUCTION PERSONNEL AND SHALL BE SERVICED BY A COMMERCIAL OPERATOR WHEN PROVIDED.

ES-13: NON-STORMWATER COMPONENTS OF SITE DISCHARGE MUST BE CLEAN WATER. WATER USED FOR CONSTRUCTION. WHEN USED FOR CONSTRUCTION, WHICH DISCHARGES FROM THE SITE, MUST ORIGINATE FROM A PUBLIC WATER SUPPLY OR PRIVATE WELL APPROVED BY THE VA DEPARTMENT OF HEALTH. WATER USED FOR CONSTRUCTION THAT DOES NOT ORIGINATE FROM AN APPROVED PUBLIC SUPPLY MUST NOT DISCHARGE FROM THE SITE.

ES-14: MATERIALS RESULTING FROM CLEARING AND GRUBBING SHALL BE STOCKPILED UP SLOPE FROM ADEQUATE SEDIMENTATION CONTROLS OR HAULED OFF-SITE.

ES-15: THE USE OF DETERGENTS FOR LARGE SCALE WASHING IS PROHIBITED.

ES-16: CHEMICALS, PAINTS, SOLVENTS, FERTILIZIERS, AND OTHER TOXIC MATERIAL MUST BE STORED IN WATERPROOF CONTAINERS. EXCEPT DURING APPLICATION, THE CONTENTS MUST BE KEPT LOCKED IN TRUCKS OR WITHIN LOCKED STORAGE FACILITIES. RUNOFF CONTAINING SUCH MATERIAL MUST BE COLLECTED, REMOVED FROM SITE, TREATED, AND DISPOSED AT AN APPROVED SOLID WASTE OR CHEMICAL DISPOSAL FACILITY.

## PERMANENT SEEDING

- 1. PERMANENT VEGETATION COVER MUST MEET THE REQUIREMENTS OF MINIMUM STANDARDS #3 (MS #3).
- 2. THE SELECTION OF PLANT MATERIALS SHOULD BE BASED ON TABLES 3.32-A & B DEPENDING ON CLIMATE, TOPOGRAPHY, SOILS AND SITE CONDITIONS.
- 3. THE PLANTING SOIL MUST HAVE ENOUGH FINE GRAINED SOIL, SUFFICIENT PORE SPACE, SUFFICIENT DEPTH AND FREE FROM TOXIC OR EXCESSIVE QUANTITIES OF ROOTS AND SHALL BE APPLIED IN ACCORDANCE WITH STD. 3.30.

# **TEMPORARY SEEDING**

- 1. SELECTION OF PLANTS SHOULD BE BASED ON THE SPECIFIC SITE AND SEASON AND PER VESCH TABLES 3.31-B&C.
- 2. LIMING REQUIREMENTS SHOULD BE BASED ON TABLE 3.31-A OF VESCH
- 3. FERTILIZERS SHALL BE APPLIED AS 600 LBS PER ACRE. FERTILIZER SHALL BE INCORPORATED INTO TOP 2-4" OF SOIL. 4. SEED SHALL BE EVENLY APPLIED AND SMALL GRAINS SHALL BE PLANTED NO MORE THAN 1.5 INCHES DEEP.
- 5. SEEDING MADE IN FALL FOR WINTER COVER AND DURING HOT SUMMER MONTHS SHALL BE MULCHED.

## DUST CONTROL

1. PROVISION FOR DUST CONTROL SHALL BE MADE IN ACCORDANCE WITH STD. AND SPEC. 3.39 OF VESCH

GENERAL LAND CONSERVATION NOTES

- PER 2011 FAIRFAX COUNTY PUBLIC FACILITIES MANUAL
  - 1. NO DISTURBED AREA WHICH IS NOT ACTIVELY BEING WORKED SHALL REMAIN DENUDED FOR MORE THAN 14 CALENDAR DAYS UNLESS OTHERWISE AUTHORIZED BY THE DIRECTOR.
  - 2. ALL E&S CONTROL MEASURES APPROVED WITH THE PHASE ONE E&S CONTROL PLAN SHALL BE PLACED AS THE FIRST STEP IN GRADING.
  - 3. ALL STORM AND SANITARY SEWER LINES NOT IN STREETS SHALL BE SEEDED AND MULCHED WITHIN 14 DAYS AFTER BACKFILL. NO MORE THAN 500 FEET SHALL BE OPEN AT ANY ONE TIME.
  - 4. ELECTRIC POWER, TELEPHONE AND GAS SUPPLY TRENCHES SHALL BE COMPACTED, SEEDED AND MULCHED WITHIN 14 DAYS AFTER BACKFILL 5. ALL TEMPORARY EARTH BERMS, DIVERSIONS AND SEDIMENT CONTROL DAMS SHALL BE SEEDED AND MULCHED FOR
  - TEMPORARY VEGETATIVE COVER IMMEDIATELY (AS SOON AS POSSIBLE BUT NO LATER THAN 48 HOURS) AFTER COMPLETION OF GRADING. STRAW OR HAY MULCH IS REQUIRED. ALL SOIL STOCKPILES SHALL BE SEEDED AND MULCHED WITHIN 14 DAYS AFTER GRADING.
  - 6. DURING CONSTRUCTION, ALL STORM SEWER INLETS SHALL BE PROTECTED BY SEDIMENT TRAPS, MAINTAINED AND MODIFIED DURING CONSTRUCTION PROGRESS AS REQUIRED. 7. ANY DISTURBED AREA NOT COVERED BY § 11-0406.1 AND NOT PAVED, SODDED OR BUILT UPON BY NOV. 1, OR
  - DISTURBED AFTER THAT DATE, SHALL BE MULCHED IMMEDIATELY WITH HAY OR STRAW MULCH AT THE RATE OF 2 TONS/ACRE AND OVER-SEEDED BY APRIL 15.
  - 8. AT THE COMPLETION OF ANY PROJECT CONSTRUCTION AND PRIOR TO BOND RELEASE, ALL TEMPORARY SEDIMENT CONTROLS SHALL BE REMOVED AND ALL DENUDED AREAS SHALL BE STABILIZED.

## MINIMUM STANDARDS

	MAY NOT BE AT FINAL GRADE BU
	AREAS THAT ARE TO BE LEFT DO
MS-2	DURING CONSTRUCTION OF THE
	TRAPPING MEASURES.
MS-3	A PERMANENT VEGETATIVE COV
MS-4	SEDIMENT BASINS AND TRAPS, F
	CONSTRUCTED AS A FIRST STEP
	TAKES PLACE.
MS-5	STABILIZATION MEASURES SHAL
	INSTALLATION.
MS-6	SEDIMENT TRAPS AND SEDIMEN
	THE TRAP OR BASIN.
	A. THE MINIMUM STORAGE CAP
	ONLY CONTROL DRAINAGE A
	B. SURFACE RUNOFF FROM DIS
	ACRES SHALL BE CONTROLI
	YARDS PER ACRE OF DRAIN
	DURING A 25-YEAR STORM C
	BARE EARTH CONDITION OR
MS-7	CUT AND FILL SLOPES SHALL BE
	EXCESSIVELY WITHIN ONE YEAR
	THE PROBLEM IS CORRECTED
MS-8	CONCENTRATED RUNOFE SHALL
ine e	PERMANENT CHANNEL FLUME C
MS-9	WHENEVER WATER SEEPS FROM
MS-10	ALL STORM SEWER INLETS THAT
100-10	
MS 11	
NO 40	

- NON-ERODIBLE COVER MATERIALS.
- CRITERIA:

- STABILIZATION.

PERMISSION OF THE INSPECTOR.

- CONTAINED WITHIN THE PIPE OR SYSTEM.
- APPLICANT SHALL:

- CONDITION OF THE SUBJECT PROJECT.
- CHANNEL

- THE ACT.

![](_page_5_Figure_104.jpeg)

SHEET NUMBER

SHEET 6 OF 11

![](_page_6_Figure_1.jpeg)

![](_page_6_Figure_2.jpeg)

![](_page_6_Figure_3.jpeg)

TEMPORARY			
Seeding Rates	Seeding Dates	Lime and Fertilizer	Seeding procedure
50/50 Mix Annual Ryegrass ( <u>Lolium multi-florum</u> ) & Cereal (Winter) Rye ( <u>Secale cereale</u> ) - 50-100 LBS/Ac Annual Ryegrass ( <u>Lolium multi-florum</u> ) - 60-100 LBS/Ac German Millet ( <u>Setaria italica</u> ) - 50 LBS/Ac	Sept. 1 — Feb. 15 Feb. 16 — Apr. 30 May 1 — Aug. 31	Contractor shall submit topsoil sample for analysis by an accredited soil lab and provide lime and/or fertilizer as recommended.	<ol> <li>Seeding in fall for winter cover and during hot and dry summer months shall be mulched according to MULCHING, Std. &amp; Spec. 3.35, except that hydromulches (fiber mulches) will not be considered adequate. Straw mulch should be used during these periods.</li> <li>Temporary seeding made under favorable soil and site conditions during optimum spring and fall seeding dates may not require mulch.</li> </ol>
PERMANENT SEEDING			
Seeding Rates		Lime and Fertilizer	Seeding Procedure
—Kentucky 31 Fescue —Red Top Grass —Seasonal Nurse Crop*	<ul> <li>128 LBS/Ac</li> <li>2 LBS/Ac</li> <li>20 LBS/Ac</li> </ul>	Contractor shall submit topsoil sample for analysis by an accredited soil lab and provide lime and/or fertilizer as recommended.	Certified seed will be used for all permanent seeding. Certified seed must be inspected by the Virginia Crop Improvement Association or the Certifying agency in other states. Apply seed uniformly with a broadcast seeder, drill, culti-packer seeder, or hydroseeder on a firm, friable seedbed. Seeding depth should be 1/4 to 1/2 inch
<ul> <li>* Use seasonal nurse crop in accordance with seeding dates as stated below:         <ul> <li>February, March through April</li> <li>May 1st through August</li> <li>Foxtail Millet</li> <li>September, October through November 15th</li> <li>Annual Rye</li> <li>November 16th through January</li> <li>Winter Rye</li> </ul> </li> <li>** May through October, used hulled seed. All other seeding periods, use unhulled seed.</li> </ul>			Topsoil Import of topsoil is required for semi pe 1. Existing soil contains less than 2. Existing soil porosity prevents 3. Existing soil contains concentro Composition of topsoil 1. 35% minimum of fine grained r

![](_page_7_Figure_1.jpeg)

![](_page_8_Figure_1.jpeg)

![](_page_8_Figure_4.jpeg)

![](_page_9_Figure_0.jpeg)

![](_page_9_Figure_1.jpeg)

![](_page_9_Figure_2.jpeg)

# GRADING LEGEND LOD \_\_\_\_\_XX\_\_\_\_\_ —xxx——— \_ \_ \_ \_ \_ \_ \_ \_ X.XX (XXX.XX)

#### SPOT ELEVATION LEGEND ME MATCH EXISTING LP LOW POINT FINISHED FLOOR ELEVATION FFE TOP OF WALL ΤW BW BOTTOM OF WALL TC TOP OF CURB FC FACE OF CURB SIDEWALK SW PV PAVEMENT

GRADING NOTES

CONTRACTOR TO MATCH EXISTING GRADE AT LIMITS OF DISTURBANCE. 2. NO CHANGE TO THE DRAINAGE AREAS INTRODUCED IN THE SCOPE OF WORK. THEREFORE THERE IS NO PROPOSED STORMWATER MANAGEMENT

![](_page_9_Picture_7.jpeg)

![](_page_9_Picture_8.jpeg)

PROPERTY LINE

- LIMITS OF DISTURBANCE (2646 SF)
- EXISTING CONTOUR
- PROPOSED CONTOUR
- PROPOSED RIDGE LINE
- PROPOSED SLOPE
- PROPOSED SPOT ELEVATION

(UNLABELED SPOT ELEVATIONS ARE ASSUMED TO BE AT THE FLOWLINE)

	© 2023 KIMLEY-HORN 11400 COMMERCE PARK DR., PHONE: 703-674-130C WWW.KIMLEY
	NEALTH OF WEALTH OF KYLE T. BOLLINGER Lic. No. 051017 CA/05/2014 STONAL ENGINEER
	KHA PROJECT 110624001 DATE 04/05/2024 scale AS SHOWN DESIGNED BY BK DRAWN BY BK
	GRADING PLAN
VIRGINIA PLANE E, US FOOT	MEADOW LANE PARK BATHROOM REPARED FOR CITY OF VIENNA
Know what's <b>below</b> . Call before you dig.	SHEET NUMBER

Horn

 $\widehat{\approx}$ 

NAD 83 State I North Zone

![](_page_9_Picture_22.jpeg)

![](_page_10_Figure_1.jpeg)