

Building Permit Application
Howard County Maryland
Department of Inspections, Licenses and Permits
3430 Court House Drive
Permits: 410-313-2455
www.howardcountymd.gov

Date	Received:	

Date Received:	

AGENCY DATE	SIGNATURE OF APPROVAL	DPZ SETBACK	INFORMATION	Filing Fee	\$ /7/71 - 11/
AGENCY DATE	SIGNATURE OF APPROVAL	DPZ SETBACK	INFORMATION	Filing Fee	\$ 1777 - 372
		-FOR OFFICE	La Servicio de Maria Esta Marello Ville Maria	TO SEE SEAL	
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Title/Company			NAME OF LIGHT		
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Email Address		Da	te		
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Applicant's Signature		Pri	nt Name	j i	
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THIS APPLICATION; (5) THAT HE/SHE GRANT					
THE UNDERSIGNED HEREBY CERTIFIES AND A					
THE LINESPECIALISE LIEUENY CONTINUES	ACREE AS FOLLOWS: /43 THAT HE /our	IS AUTHORIZED TO :	AAVE THIS ADDITIONS (2) THAT THE THE	ODMATION IS S	ODDECT. (2) THAT HE CHE WILL CONSOL
•					
	☐ Manufactured Home		Building Shell Perm	nit Number:	. ,
Roadside Tree Project Permit #	☐ State Certified Modul	ar			
□Yes □No	Roof:		Grauing Permit	Manipel:	
Roadside Tree Project Permit			Grading Permit	Number	
en rien n.s.e.	Dimensions:				
			☐ Yes ☐ No		
	Other Structure:		Sprinkler System:		
	No. of 3 BR units:				THE PERSON NAMED IN COLUMN TWO
☐ State Certified Modular	No. of 2 BR units:		☐ Other:		STATE OF STA
☐ Wood Frame	No. of 1 BR units:		☐ Natural Gas ☐ Propane	Gas	
☐ Masonry	No. of efficiency units:		☐ Electric ☐ Oil		1. 1 = 1. W. Affi
☐ Structural Steel	<u>Multi-family Dw</u>	elling		-	
Reinforced Concrete	No. of Bedrooms:		Heating System		
Construction type:	☐ Slab on Grade		□ Private		
	☐ Crawl Space	ř	☐ Public		
Use group: *	☐ Unfinished Basement	-	Sewage Disposal		
	☐ Finished Basement	,			The Park of the Pa
Area or construction (Sq. 1t.):			□-Přívate	*	Fair Street
Area of construction (sq. ft.):	Basement:		☐ Public		3
5. 555 at ea <sub>j</sub> sq. 10 <sub>j</sub> 110511	2 <sup>nd</sup> floor:		Water Supply		
Gross area, sq. ft./floor:	1 <sup>st</sup> floor:			No	Ame est a second
No. of stories:	Depth	Width		2.2.9	
Height:	☐ SF Dwelling ☐ SF Tov			No	100 mg
Commercial Building Characterist	ics Residential Building Ch	aracteristics	Utilities		
		1			
Email:	, * = L.		Email:		
rnone:	rdX		Phone:	Fax:	<u> </u>
Phone:					
City:	State: Zip Code:		City:State	e:	Zip Code:
					<u></u>
Address:	(		Address:		
Contact Name:		·	Responsible Design Prof.:		
Was tenant space previously occup	oied? □Yes	□No	Engineer/Architect Company:		
Occupant/Tenant Name:			7		S
			Email:	8 200	of the same of the
10/11/11	4 Williams		Phone:		
Mary to the	THE WAR THE THE	<u> </u>	License No. :		
			City. State	d: <u> </u>	_ zip code:
Description of Work:	20 /467 Ville	Cu.	Address:	21	7in Codo
Estimated Construction Cost: \$	<u> </u>	· ·	Address:	1. 1	<u> </u>
			Contact Person:	1 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Proposed Use:	in it to truck		Contractor Company:	S L. J.	1 4 m - 2 1 4 1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Existing Use:			Email:		
			Phone:	Fax:	· · · · · · · · · · · · · · · · · · ·
Zoning: Map Coord	umates: Lot Size	"	City:		
			Address:	3 - 45	
Tax Map: Pare	cel: Grid:		Applicant's Name:	STENC	( o ctv) (
Section:	Area: Lot:	<del> </del>	Applicant's Name & Mailing A		
Census Tract:					.81 V
			Email:	<del></del>	
Suite/Apt. #		* 1	Phone:	Zu S Es	Zip code
City: 6 1 1 7 1 1 1 1 Sta	ate: 🛂 🕡 🗎 Zip Code:	11165	Address:Si	tato:	7in Codo
		and the same of th	Property Owner's Name:	West &	I FIGURE.
Building Address: // ()	a way / I down a	val 1		1 w 1	The said the said

AGENCY	DATE	SIGNATURE OF APPROVAL
State Highways		
_Building Officials		
PSZA (Zoning)		
PŠZA ( Engineering )	2 1	,
Health	6/22/1	8 1-768

☐ CONTINGENCY CONSTRUCTION START

DPZ SETBACK INFORMATION	40	
Front:		
Rear:		
Side:		
Side St.:		
All minimum setbacks met?	☐ Yes	□No
Is Entrance Permit Required?	☐ Yes	□No
Historic District?	☐ Yes	□No
Lot Coverage for New Town Z	one:	
SDP/Red-line approval date:		

Permit Fee \$ \$ // * * * * * * * * * * * * * * * *	Filing Fee	\$ /77 117
Excise Tax \$ PSFS \$ Guaranty Fund \$ Add'I per Fee \$ Total Fees \$ Sub-Total Paid \$ Balance Due \$	Permit Fee	\$/
PSFS \$ Guaranty Fund \$ Add'l per Fee \$ Total Fees \$ Sub-Total Paid \$ Balance Due \$	Tech Fee	\$ 12 20
Guaranty Fund \$ Add'I per Fee \$ Total Fees \$ Sub-Total Paid \$ Balance Due \$	Excise Tax	\$
Add'l per Fee \$ Total Fees \$ Sub-Total Paid \$ Balance Due \$	PSFS	\$
Total Fees \$ Sub-Total Paid \$ Balance Due \$	<b>Guaranty Fund</b>	\$
Sub- Total Paid \$ Balance Due \$	Add'l per Fee	\$
Balance Due \$	Total Fees	\$
	Sub- Total Paid	\$ //
Chack #	Balance Due	\$
CHECK #	Check	# 1984

Distribution of Copies:

White: Building Officials

Green: PSZA,Zoning

Yellow: PSZA,Engineering

Pink: Health

Gold: SHA



# Building Permit Application

Howard County Maryland Department of Inspections, Licenses and Permits 3430 Court House Drive Permits: 410-313-2455 www.howardcountymd.gov

Date Received:		 	
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	W. W

Permit No.: \$1702656 Building Address: 1680 Woodstock Rd. Property Owner's Name: Press Palmer & Maria Aliprando Address: 10625 Hillingdon Road City: Woodstock State: MD Zip Code: 21163 City: <u>Woodstock</u> State: <u>MD</u> Phone: (301) 718-8118 21163 Zip Code: Suite/Apt. # \_\_\_SDP/WP/BA #: Fax: <u>(301) 718-8112</u> Email: jmartinez@musearchitects.com \_\_ Subdivision:\_\_\_\_ Census Tract: \_\_\_\_\_ Section: \_\_ Area: Applicant's Name & Mailing Address, (If other than stated herein) Applicant's Name: John Martinez of Muse Architects
Address: 7401 Wisconsin Avenue, Suite 500 Tax Map: \_\_\_\_10 \_\_\_\_\_Parcel: 50 \_\_\_\_\_ Grid: 18 Zoning: RC-DEO Map Coordinates: Lot Size: 3.24 acres 
 City:
 Bethesda
 State:
 MD
 Zip Code

 Phone:
 (301)
 718-8118
 Fax:
 (301)
 718-8112
 \_Zip Code: 20814 Email: jmartinez@musearchitects.com Existing Use: Residential Proposed Use: Residential, new single family detached dwelling Contractor Company: <u>T.B.D.</u> Contact Person: \_\_ Estimated Construction Cost: \$ 450,000 Address: \_\_\_\_ Description of Work: New residential construction of a single family City: State: Zip Code: detached dwelling with 2 stories and exterior deck. License No.: Phone: \_\_\_ New detached garage. Email: Occupant/Tenant Name: N/A Was tenant space previously occupied? XINo Engineer/Architect Company: Muse Architects Contact Name: John Martinez of Muse Architects Responsible Design Prof.: William Kirwan, AIA Address: 7401 Wisconsin Avenue, Suite 500 Address: 7401 Wisconsin Avenue, Suite 500 City: Bethesda State: MD Zip Code: 20814 City: Bethesda MD State: Zip Code: 20814 Phone: <u>(301) 718-8118</u> \_Fax: <u>(301)</u> 718-8112 Phone: (301) 718-8118 Fax: (301) 718-8112 Email: <u>jmartinez@musearchitects.com</u> Email: wkirwan@musearchitects.com Commercial Building Characteristics Residential Building Characteristics **Utilities** □ No Electric: X Yes No. of stories: Depth Width ☐ Yes X No Gas: RECEIVED 1st floor: 72.5 ft Gross area, sq. ft./floor: 26.5 ft Water Supply 2<sup>nd</sup> floor: ☐ Public Area of construction (sq. ft.): Basement: 72.5 ft 26.5 ft <u> 101</u> 1 1 2017 ☑ Private X Finished Basement Sewage Disposal ☐ Unfinished Basement Use group: LICENSES & PERMITS ☐ Crawl Space ☐ Public DIVISION Construction type: ☐ Slab on Grade ☑ Private ☐ Reinforced Concrete No. of Bedrooms: 3 **Heating System** ☐ Structural Steel Multi-family Dwelling □ Oil □ Electric ☐ Masonry No. of efficiency units: ☒ Propane Gas ☐ Natural Gas ☐ Wood Frame No. of 1 BR units: ☐ State Certified Modular No. of 2 BR units: ☐ Other: No. of 3 BR units: Sprinkler System: Other Structure: X Yes □No Dimensions: Roadside Tree Project Permit Footings: **Grading Permit Number:** '□Yes ⊠No Roof: Roadside Tree Project Permit # ☐ State Certified Modular ☐ Manufactured Home **Building Shell Permit Number:** THE UNDERSIGNED HEREBY CERTIFIES AND AGREES AS FOLLOWS: (1) THAT HE/SHE IS AUTHORIZED TO MAKE THIS APPLICATION; (2) THAT THE INFORMATION IS CORRECT; (3) THAT HE/SHE WILL COMPLY WITH ALL REGULATIONS OF HOWARD COUNTY WHICH ARE APPLICABLE THERETO; (4) THAT HE/SHE WILL PERFORM NO WORK ON THE ABOVE REFERENCED PROPERTY NOT SPECIFICALLY DESCRIBED IN THIS APPLICATION; (5) THAT HE/SHE GRANTS GOUNTY OFFICIALS THE RIGHT TO ENTER ONTO THIS PROPERTY FOR THE PURPOSE OF INSPECTING THE WORK PERMITTED AND POSTING NOTICES.

John Martinez John Martinez Applicant's Signature jmartinez@musearshitects.com Email Address Muse Architects

Checks Payable to: DIRECTOR OF FINANCE OF HOWARD COUNTY

\*\*PLEASE WRITE NEATLY & LEGIBLY\*\*

FOR OFFICE USE ONLY-

AGENCY	DATE	SIGNATURE OF APPROVAL
State Highways		
Building Officials		
PSZA (Zoning)		
PSZA ( Engineering )		
Health	7/27	17 11 Occas

Is Sediment Control approval required for issuance? ☐ Yes ☐ No ☐ CONTINGENCY CONSTRUCTION START

Front:		
Rear:	ii.	
Side:		
Side St.:		
All minimum setbacks met?	☐ Yes	□No
Is Entrance Permit Required?	☐ Yes	□No
Historic District?	☐ Yes	□No
Lot Coverage for New Town Z	one:	
SDP/Red-line approval date:		

Filing Fee	\$	
Permit Fee	\$	
Tech Fee	\$	
Excise Tax	\$	
PSFS	\$	
<b>Guaranty Fund</b>	\$	
Add'l per Fee	\$	
Total Fees	\$	
Sub- Total Pald	\$	
Balance Due	\$	
Check	#	

Title/Company

#### MUSE R C HITEC

Principals . STEPHEN MUSE FAIA WILLIAM KIRWAN AIA

RECEIVED

FEB 0 7 2018

Associates KUK-JAC. KIM AIA

R. WARREN SHORT AIA

\$50.00 INV #521530 CK#1337Ce

LICENSES & PERMITS DIVISION

07 February 2018

ATTN: Howard County

Department of Inspections, Licenses, and Permits

3430 Court House Drive Ellicott City, MD 21043

RE:

Revisions to Permit # B17002656

Aliprando/Palmer Residence

1680 Woodstock Road Woodstock, MD 21163

To Whom It May Concern:

The following bulletin lists revisions made to the permit set of drawings for permit # B17002656 filed with Howard County DILP on 07/13/17. Each affected sheet listed is followed by a narrative of the revisions. All revisions in the drawings are clouded and tagged with #1 delta notation symbol. Please conduct your review of these drawings and let us know of any additional clarifications needed. You may contact the original applicant, John Martinez of Muse Architects, via phone at 301-718-8118 or via email at jmartinez@musearchitects.com.

In summary, the revisions cover an increase in the total building height and related adjustments to stair/step risers, the omission of a fireplace, and the increase in usable interior square footage at the lower level floor plan. None of these changes result in any increase to the building footprint, nor result in any changes to proposed grade.

#### 0001

1. Proposed building height listed under the zoning summary is revised to 20.7 Feet.

#### 0002

No change.

## Simplified Environmental Concept Plan

No change.

#### On Site Sewage Disposal System Design Plan

No change.

#### Plot Plan & Sediment Control Plan

No change.

MUSE ARCHITECTS, PC 7401 WISCONSIN AVE STE 500 BETHESDA MD 20814 T.301.718.8118 F.301.718.8112 MUSEARCHITECTS.COM

#### A100

- 1. Finish Main Level Floor and Raised Deck spot elevations are revised on drawing 1/A100.
- 2. A step is added within the current footprint of the entry concrete landing on drawing 2/A100. Dimensions are provided.
- 3. The fireplace is omitted from drawing 2/A100.

#### A101

- 1. A step is added within the current footprint of the entry concrete landing on drawing 1/A101. Riser heights are revised.
- 2. The interior stair at the Stair Hall adds one riser.
- 3. The fireplace is omitted from drawing 1/A101.

#### A102

- 1. The interior stair at the Stair Hall adds one riser.
- 2. The floor area of Unfinished Room 216 is increased to occupy the former "unexcavated area" shown in the approved permit drawings. The wall separating these areas is omitted. Sealed concrete slab and wall framing is extended into this floor area.
- 3. A dimension string at the north wall is measured to F.O.S. only. Reference to "F.O.M." is omitted.
- 4. The fireplace is omitted from drawing 1/A102.

#### A201

- 1. The overall floor to floor height between the Main Level and the Lower Level is revised to 11'-0" on drawing 1/A201.
- 2. The overall height between the Mean Elevation @ Grade and the Top of Structure is revised to 20'-8'' +/- on drawing 1/A201.
- 3. The spot elevations at the Main Level and Top of Structure are revised on drawing 1/A201.
- 4. The elevation is graphically revised to show increased height and materials on drawing 1&2/A201.
- 5. The elevation is graphically revised to show added step at entry concrete stoop and omitted fireplace flue.

#### A202

- 1. The overall height between the Mean Elevation @ Grade and the Top of Structure is revised to 20'-8'' +/- on drawing 1/A202.
- 2. The overall floor to floor height between the Main Level and the Lower Level is revised to 11'-0" on drawing 2/A202.
- 3. The spot elevations at the Main Level and Top of Structure are revised on drawing 1&2/A202.
- 4. The fireplace and all associated notes are omitted from drawing 1&2/A202.

5. The elevation is graphically revised to show increased height and materials on drawing 1&2/A202.

#### A203

- 1. The spot elevations at the Main Level and Top of Structure are revised on drawing 1/A203.
- 2. The fireplace and all associated notes are omitted from drawing 1&2/A203.
- 3. The elevation is graphically revised to show increased height and materials on drawing 1/A203.

#### A204

No change.

#### A301

- 1. The fireplace and all associated notes are omitted from drawing 1/A301.
- 2. The interior stair at the Stair Hall adds one riser on drawing 3/A301.
- 3. Building section at the Unfinished Room 216 graphically shows increased space below Covered Entry Porch on drawing 4/A301.
- 4. Detail 5/A301 is omitted.

#### A302

1. Building section at the Unfinished Room 216 graphically shows increased space below Covered Entry Porch on drawing 4/A301. Entry concrete stoop is revised to add a step. Fireplace flue is omitted.

#### A401

1. The spot elevations at the Main Level, Top of Roof Deck, and Deck Floor are revised on drawing 1&3/A401.

#### A402

- 1. Concrete landing/stoop and concrete slab detail at Covered Entry Porch 108 are revised to coordinate with structural revision details on drawing 2&3/A402.
- 2. Concrete slab detail at Covered Entry Porch 108 is revised to coordinate with structural revision details on drawing 1/A402. Interior masonry wall below the Porch is omitted and structural beam added in its place to coordinate with structural revision details.

#### A501

1. The interior stair at the Stair Hall adds one riser on drawing 1,2,3,&5/A501.

#### S001

No change.

#### S100

1. Porch slab on grade is revised to elevated slab on metal deck. A steel beam is shown in place of masonry bearing wall. Stoop revised to incorporate one additional riser. Perimeter wall revised from 8" thick masonry to 12" thick masonry. Framing associated with fireplace/chimney is deleted.

#### S101

1. Framing associated with fireplace/chimney is deleted.

### S102

No change.

#### S103

No change.

#### S201

1. Detail 7/S201 is revised to show metal deck bearing on 12" perimeter wall. Detail 8/S201 is revised to show steel beam bearing on perimeter masonry wall and stoop geometry and reinforcement is revised to show an additional riser.

#### S301

No change.

#### S302

1. Detail 5/S302 is revised to show elevated slab on metal deck with steel angle edge stiffener. New Detail 9/S302 shows steel beam bearing on interior masonry wall. New Detail 10/S302 shows elevated slab on metal deck bearing on steel beam and wood I-joists supported on top-flange hangers.

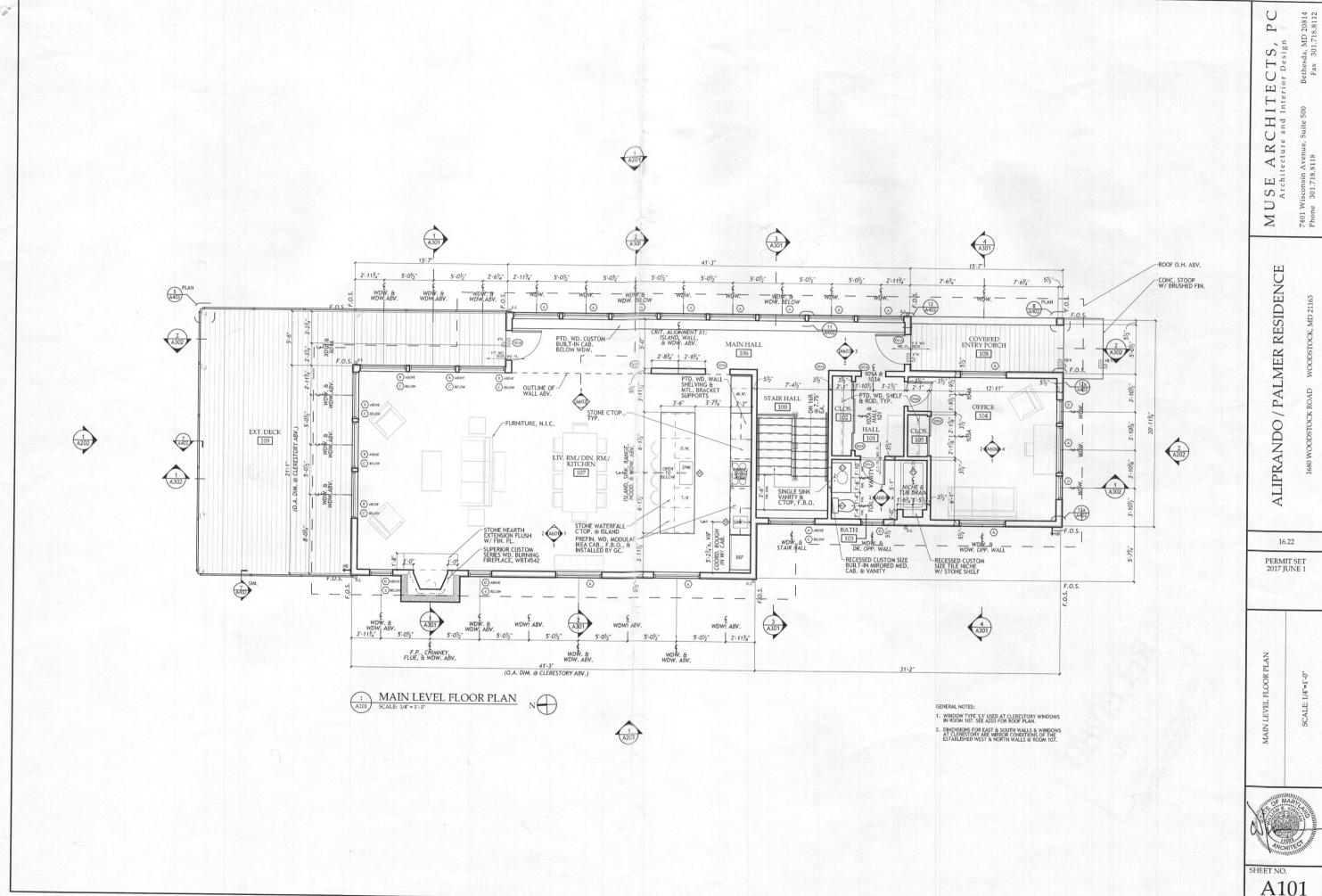
#### S303

No change.

#### **END OF REVISION LIST**

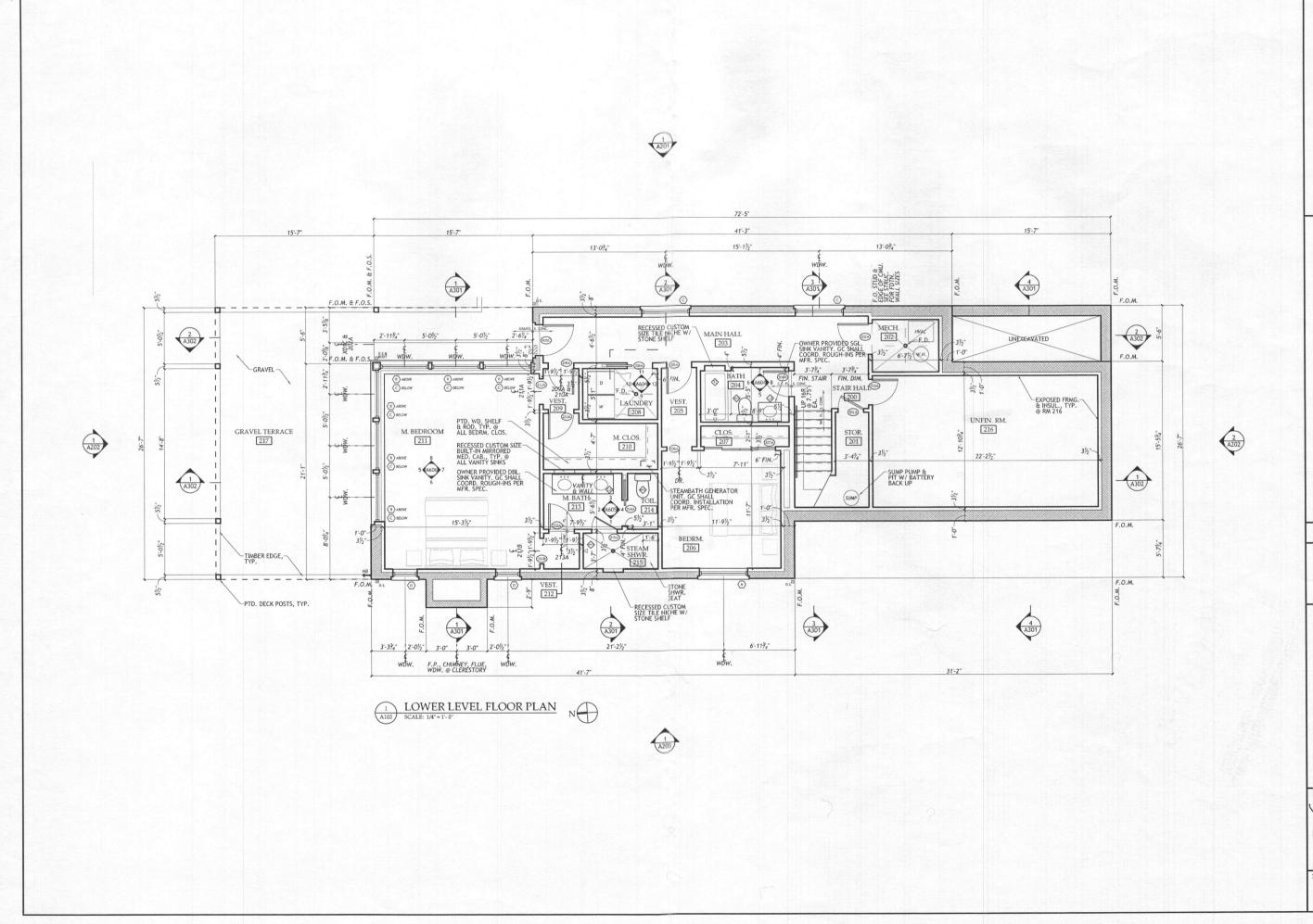
Sincerely,

John Martinez
MUSE ARCHITECTS, PC



Bethesda, MD 20814 Fax 301.718.8112

A101



MUSE ARCHITECTS, PC ALIPRANDO / PALMER RESIDENCE

7401 Wisconsin Avenue Phone 301.718.8118

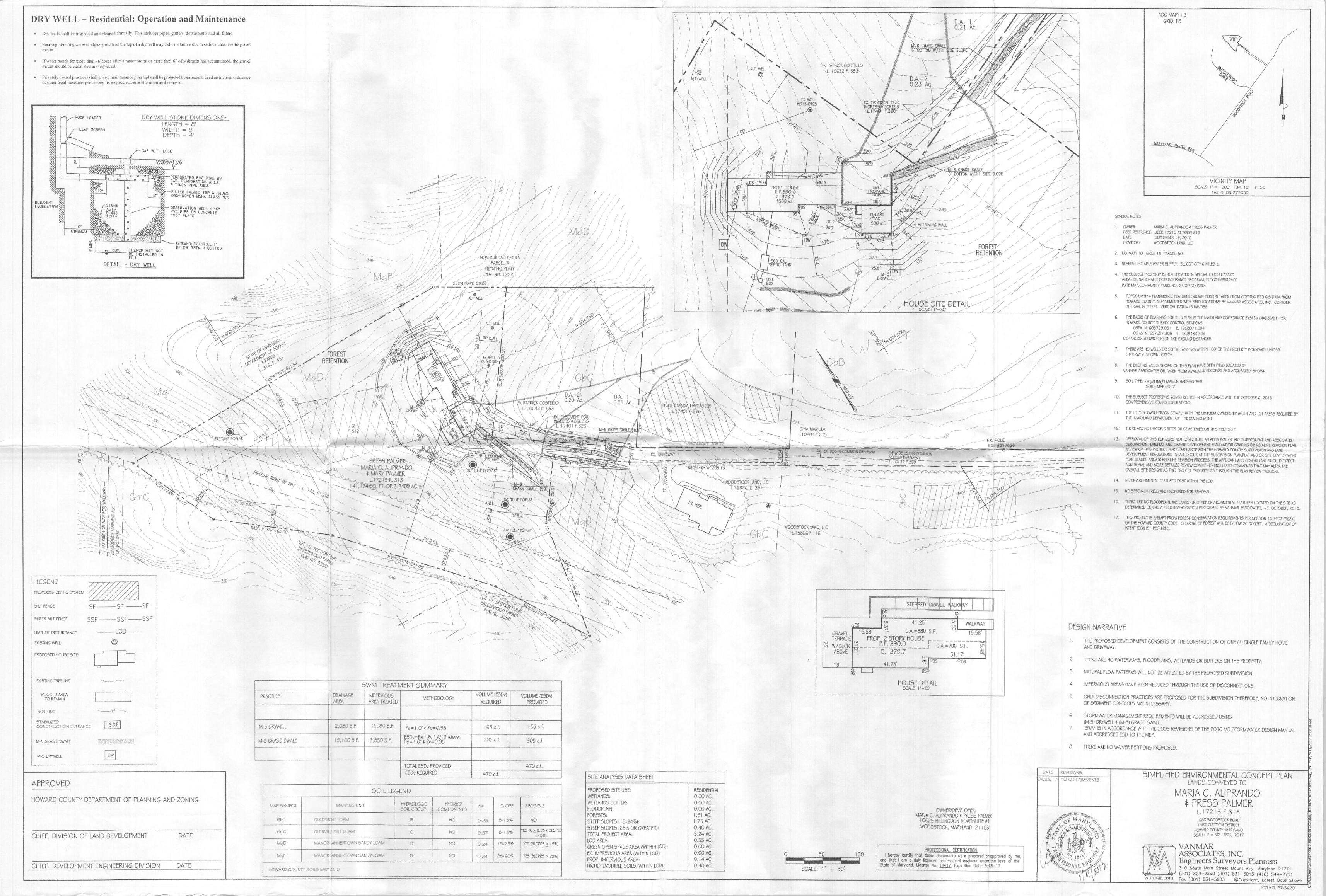
Bethesda, MD 20814 Fax 301.718.8112

A102

16.22

PERMIT SET 2017 JUNE 1

LOWER LEVEL FLOOR PLAN



SCE ENTRANCE must be repaired on the same day of disturbance. The application of seed and mulch to establish vegetative cover. GRID: F8 1) A pre-construction meeting must occur with the Howard County Department of Public Works, The process of preparing the soils to sustain adequate vegetative stabilization. 8) Additional sediment control must be provided, if deemed necessary by the CID. The site and all controls shall be inspected by the contractor weekly; and the next day after each rain Construction Inspection Division (CID), 410-313-1855 after the future LOD and protected area - EXISTING PAVEMENT event. A written report by the contractor, made available upon request, is part of every marked clearly in the field. A minimum of 48 hour notice to CID must be given a the To protect disturbed soils from erosion during and at the end of construction. To provide a suitable soil medium for vegetative growth. following stages: inspection and should include: a. Prior to the start of earth disturbance, Conditions Where Practice Applies: \* Inspection date Conditions Where Practice Applies: To the surface of all perimeter controls, slopes, and any disturbed area not under active grading. \* Inspection type (routine, pre-storm event, during rain event) Where vegetative stabilization is to be established. b. Upon completion of the installation of perimeter erosion and sediment controls, but before -EARTH FILL proceeding with any other earth disturbance or grading, MIN. 6 IN OF 2 TO 3 IN
AGGREGATE OVER LENGTH
AND WIDTH OF ENTRANCE \* Name and title of inspector - PIPE (SEE NOTE 6) \* Weather information (current conditions as well as time and amount of last recorded . Prior to the start of another phase of construction or opening of another grading unit, A. Soil Preparation d. Prior to the removal or modification of sediment control practices. precipitation) Temporary Stabilization PROFILE a. All seed must meet the requirements of the Maryland State Seed Law. All seed must be subject Other building or grading inspection approvals may not be authorized until this initial approval \* Brief description of project's status (e.g. percent complete) and/or current activities a. Seedbed preparation consists of loosening soil to a depth of 3 to 5 inches by means of suitable to re-testing by a recognized seed laboratory. All seed used must have been tested within the 6 50 FT MIN. \* Evidence of sediment discharges agricultural or construction equipment, such as disc harrows or chisel plows or rippers mounted by inspection agency is made. Other related state and federal permits shall be referenced, months immediately preceding the date of sowing such material on any project. Refer to Table LENGTH \* Identification of plan deficiencies on construction equipment. After the soil is loosened, it must not be rolled or drogged smooth to ensure coordination and to avoid conflicts with this plan. B.4 regarding the quality of seed. Seed tags must be available upon request to the inspector to but left in the roughened condition. Slopes 3:1 or flatter are to be tracked with ridges running \* Identification of sediment controls that require maintenance 2) All vegetative and structural practices are to be installed according to the provisions of this parallel to the contour of the slope. plan and are to be in conformance with the 2011 "MARYLAND STANDARDS AND SPECIFICATIONS ). Mulch alone may be applied between the fall and spring seeding dates only if the ground is \* Identification of missing or improperly installed sediment controls b. Apply fertilizer and time as prescribed on the plans frozen. The appropriate seeding mixture must be applied when the ground thaws. \* Compliance status regarding the sequence of construction and stabilization requirements FOR THE SOIL EROSION AND SEDIMENT CONTROL", and revisions thereto. incorporate lime and fertilizer into the top 3 to 5 inches of soil by disking or other suitable means. c. Inoculants: The inoculant for treating legume seed in the seed mixtures must be a pure culture \* Photographs of nitrogen fixing bacteria prepared specifically for the species. Inoculants must not be used later than the date indicated on the container. Add fresh inoculants as directed on the package. a. A soil test is required for any earth disturbance of 5 acres or more. The minimum soil 3) Following initial soil disturbance or re-disturbance, permanent or temporary stabilization is \* Monitoring/sampling conditions required for permanent vegetative establishment are: required within three (3) calendar days as to the surface of all perimeter controls, dikes, \* Maintenance and/or corrective action performed Use four times the recommended rate when hydroseeding. Note: It is very important to keep i. Soil pH between 6.0 and 7.0 inoculant as cool as possible until used. Temperatures above 75 to 80 degrees Fahrenheit can weaken bacteria and make the inoculant less effective. \* Other inspection items as required by the General Permit for Stormwater Associated with swales, ditches, perimeter slopes, and all slopes steeper than 3 horizontal to 1 vertical (3:1); ii. Soluble salts less than 500 parts per million (ppm). and seven (7) calendar days as to all other disturbed areas on the project site except for Construction Activities (NPDES, MDE). iii. Soil contains less than 40 percent clay but enough fine grained material (greater than 30 d. Sod or seed must not be placed on soil which has been treated with soil sterilants or PLAN VIEW those areas under active grading. percent silt plus clay) to provide the capacity to hold a moderate amount of moisture. An chemicals used for weed control until sufficient time has elapsed (14 days min.) to permit 9) Trenches for the construction of utilities is limited to three pipe lengths or that which can and 4) All disturbed areas must be stabilized within the time period specified above in accordance with exception: if lovegross will be planted, then a sandy soil (less than 30 percent silt plus clay) issipation of phyto-toxic materials. shall be back-filled and stabilized by the end of each workday, whichever is shorter. the 2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL would be acceptable. 10) Any major changes or revisions to the plan or sequence of construction must be reviewed and iv. Soil contains 1.5 percent minimum organic matter by weight. FOR TOPSOIL (Sec. B-4-2), permanent seeding (Sec. B-4-5), temporary seeding (Sec. a. Dry Seeding: This includes use of conventional drop or broadcast spreaders. . Soil contains sufficient pore space to permit adequate root penetration. approved by the HSCD prior to proceeding with construction. Minor revisions may allowed by MARYLAND ROUTE #95 CONSTRUCTION SPECIFICATIONS 8-4-4) and mulching (Sec. B-4-3). Temporary stabilization (Sec. B-4-8) in excess of 20 Incorporate seed into the subsoil at the rates prescribed on Temporary Seeding Table B.1 b. Application of amendments or topsoil is required if on-site soils do not meet the above conditions. Permanent Seeding Table 8.3, or site-specific seeding summaries.
ii. Apply seed in two directions, perpendicular to each other. Apply half the seeding rate in ft. must be benched with stable outlet. All concentrated flow, steep slope, and highly erodible the CID per the list of HSCD-approved field changes. PLACE STABILIZED CONSTRUCTION ENTRANCE IN ACCORDANCE WITH THE APPROVED PLAN. VEHICLES Graded areas must be maintained in a true and even grade as specified on the approved plan, Disturbance shall not occur outside the L.O.D. A project is to be sequenced so that grading MUST TRAVEL OVER THE ENTIRE LENGTH OF THE SCE. USE MINIMUM LENGTH OF 50 FEET (\*30 FEET FOR SINGLE RESIDENCE LOT), USE MINIMUM WIDTH OF 10 FEET. FLARE SCE 10 FEET MINIMUM AT THE EXISTING ROAD TO PROVIDE A TURNING RADIUS. areas shall receive soil stabilization matting (Sec. B-4-6). hen scarified or otherwise loosened to a depth of 3 to 5 inches. B.13 each direction. Roll the seeded area with a weighted roller to provide good seed to soil contact. B.16 activities begin on one grading unit (maximum acreage of 20 ac. per grading unit at a time. 5) All sediment control structures are to remain in place and are to be maintained in operative Apply soil amendments as specified on the approved plan or as indicated by the results of a soil test. b. Drill or Cultipacker Seeding: Mechanized seeders that apply and cover seed with soil,
 i. Cultipacking seeders are required to bury the seed in such a fashion as to provide at least Work may proceed to a subsequent grading unit when at least 50 percent of the disturbed e. Mix soil amendments into the top 3 to 5 inches of soil by disking or other suitable means. Rake condition until permission for their removal has been obtained from the CID. 2. PIPE ALL SURFACE WATER FLOWING TO OR DIVERTED TOWARD THE SCE UNDER THE ENTRANCE, MAINTAINING POSITIVE DRAINAGE. PROTECT PIPE INSTALLED THROUGH THE SCE WITH A MOUNTABLE BERM WITH 5.1 SLOPES AND A MINIMUM OF 12 INCHES OF STONE OVER THE PIPE. PROVIDE PIPE AS SPECIFIED ON APPROVED PLAN. WHEN THE SCE IS LOCATED AT A HIGH SPOT AND HAS NO DRAINAGE TO CONVEY, A PIPE IS NOT NECESSARY. A MOUNTABLE BERM IS REQUIRED WHEN SCE IS NOT LOCATED AT A HIGH SPOT. area in the preceding grading unit has been stabilized and approved by the CID. Unless lawn areas to smooth the surface, remove large objects like stones and branches, and ready the 6) Site Analysis: 1/4 inch of soil covering. Seedbed must be firm after planting. area for seed application. Loosen surface soil by dragging with a heavy chain or other otherwise specified and approved by the HSCD, no more than 30 acres cumulatively may be i. Apply seed in two directions, perpendicular to each other. Apply half the seeding rate in each direction. Total Area of Site equipment to roughen the surface where site conditions will not permit normal seedbed Hydroseeding: Apply seed uniformly with hydroseeder (slurry includes seed and fertilizer). Area Disturbed disturbed at a given time. preparation. Track slopes 3:1 or flatter with tracked equipment leaving the soil in an irregular 12) Wash water from any equipment, vehicles, wheels, pavement, and other sources must be i. If fertilizer is being applied at the time of seeding, the application rates should not exceed Area to be roofed or paved 0.19 Acres. VICINITY MAP condition with ridges running parallel to the contour of the slope. Leave the top 1 to 3 inches of treated in a sediment bosin or other approved washout structure. the following: nitrogen, 100 pounds per acre total of soluble nitrogen; P2 05 (phosphorous), soil loose and friable. Seedbed loosening may be unnecessary on newly disturbed areas. Area to be vegetatively stabilized 0.49 Acres. SCALE: 1" = 1200' T.M. 10 P. 50 PREPARE SUBGRADE AND PLACE NONWOVEN GEOTEXTILE, AS SPECIFIED IN SECTION H-1 MATERIALS. 200 pounds per acre; K2 0 (potassium), 200 pounds per acre. 13) Top soil shall be stockpiled and preserved on-site for redistribution onto final grade. TAX ID: 03-279650 Topsoil is placed over prepared subsoil prior to establishment of permanent vegetation. The purpose ii. Lime: Use only ground agricultural limestone (up to 3 tons per acre may be applied by PLACE CRUSHED AGGREGATE (2 TO 3 INCHES IN SIZE) OR EQUIVALENT RECYCLED CONCRETE (WITHOUT Total Fill 14) All Silt Fence and Super Silt lence shall be placed on-the-contour, and be imbricated at 25' is to provide a suitable soil medium for vegetative growth. Soils of concern have low moisture content, low nutrient levels, low pH, materials toxic to plants, and/or unacceptable soil gradation. REBAR) AT LEAST 6 INCHES DEEP OVER THE LENGTH AND WIDTH OF THE SCE. hydroseeding). Normally, not more than 2 tons are applied by hydroseeding at any one Offsite waste/borrow area location minimum interval, with lower ends curled uphill by 2' in elevation time. Do not use burnt or hydrated lime when hydroseeding. GENERAL NOTES: MAINTAIN ENTRANCE IN A CONDITION THAT MINIMIZES TRACKING OF SEDIMENT. ADD STONE OR MAKE OTHER REPAIRS AS CONDITIONS DEMAND TO MAINTAIN CLEAN SURFACE, MOUNTABLE BERM, AND SPECIFIED DIMENSIONS. IMMEDIATELY REMOVE STONE AND/OR SEDIMENT SPILLED, DROPPED, OR 15) Stream channels must not be disturbed during the following restricted time periods (inclusive): ii. Mix seed and fertilizer on site and seed immedately and without interruption. Topsoil salvaged from an existing site may be used provided it meets the standards as set forth in \* Use I and IP March 1 -June 15 these specifications. Typically, the depth of topsoil to be salvaged for a given soil type can be found . When hydroseeding do not incorporate seed into the soil. \* Use III and IIIP October 1 - April 30 in the representative soil profile section in the Soil Survey published by USDA-NRCS. RACKED ONTO ADJACENT ROADWAY BY VACUUMING, SCRAPING, AND/OR SWEEPING. WASHING DADWAY TO REMOVE MUD TRACKED ONTO PAVEMENT IS NOT ACCEPTABLE UNLESS WASH WATER IS TOPOGRAPHY & PLANIMETRIC FEATURES SHOWN HEREON TAKEN FROM Topsoiling is limited to areas having 2:1 or flatter slopes where: . Mulch Materials (in order of preference) \* Use IV March 1 - May 31 COPYRIGHTED GIS DATA FROM HOWARD COUNTY, SUPPLEMENTED WITH FIELD The texture of the exposed subsoit/parent material is not adequate to produce vegetative growth. a. Straw consisting of thoroughly threshed wheat, ye, oat, or barley and reasonably bright in 16) A copy of this plan, the 2011 MARYLAND STANDARDS AND SPECIFICATION FOR SOIL EROSION NON-BUILDARIF BUIL The soil material is so shallow that the rooting zone is not deep enough to support plants or LOCATIONS BY VANMAR ASSOCIATES, INC. CONTOUR INTERVAL IS 2 FEET. VERTICAL color. Straw is to be free of noxious weed seeds is specified in the Maryland Seed Law and not AND SEDIMENT CONTROL, and associated permits shall be on-site and available when the site musty, moldy, caked, decayed, or excessively dusty Note: Use only sterile straw mulch in PARCEL A rnish continuing supplies of moisture and plant nutrients. c. The original soil to be vegetated contains material toxic to plant growth. areas where one species of grass is desired. MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL HEYNPROPERTY The soil is so acidic that treatment with limestone is not feasible. b. Wood Cellulose Fiber Mulch (WCFM) consisting of specially prepared wood cellulose THE EXISTING WELLS SHOWN ON THIS PLAN HAVE BEEN FIELD LOCATED BY PLAT NO. 12225 Areas having slopes steeper than 2:1 require special consideration and design.
 Topsoil Specifications: Soil to be used as topsoil must meet the following criteria: MARYLAND DEPARTMENT OF ENVIRONMEN
WATER MANAGEMENT ADMINISTRATION processed into a uniform fibrous physical state. U.S. DEPARTMENT OF AGRICULTURE
TURAL RESOURCES CONSERVATION SERVICE 2011 VANMAR ASSOCIATES OR TAKEN FROM AVAILABLE RECORDS AND ACCURATELY i. WCFM is to be dyed green or contain a green die in the package that will provide an appropriate color to facilitate visual inspection of the uniformly spread slurry. 556° 14'04"E 98.89" opsoil must be a loam, sandy loam, clay loam, silt loam, sandy clay loam, or loamy sand. Other soils may be used if recommended by an agronomist or soil scientist and approved by the appropriate approval authority. Topsoil must not be a mixture of contrasting textured subsoils ii. WCFM, including dye, must contain no germination or growth inhibiting factors. ZONING DISTRICT: RC-DEO iii. WCFM materials are to be manufactured and pricessed in such a manner that the wood EX. GRADE \_\_ and must contain less than 5 percent by volume of cinders, stones, slag, coarse fragments, cellulose fiber mulch will remain in uniform suspension in water under agitation and will gravel, sticks, roots, trash, or other materials larger than 1½ inches in diameter. 4. LIMIT OF DISTURBANCE (LOD) = 29,500 SQ.FT. blend with seed, fertilizer and other additives to form a homogeneous slurry. The mulch . Topsoil must be free of noxious plants or plant parts such as Bermuda grass, quack grass, material must form a blotter-like ground cover, on application, having moisture absorption Johnson grass, nut sedge, poison ivy, thistle, or others as specified. and percolation properties and must cover and hold grass seed in contact with the soil 5. THERE ARE NO STREAMS, PONDS, FLOODPLAINS OR WETLANDS ON THIS LOT. c. Topsoil substitutes or amendments, as recommended by a qualified agronomist or soil scientist without inhibiting the growth of the grass seedlings. nd approved by the appropriate approval authority, may be used in lieu of natural topsoil. iv. WCFM material must not contain elements or compounds at concentration levels that will STORM WATER MANAGEMENT FOR THIS LOT IS PROVIDED BY M-8 GRASS SWALE, . Erosion and sediment control practices must be maintained when applying topsoil. AND M-5 DRYWELL . WCFM must conform to the following physical requirements: fiber length of approximately 10 millimeters, diameter approximately 1 millimeter, pH range of 4.0 to 8.5, ash content of 1.6 percent maximum and water hading capacity of 90 percent minimum. 8.17 . Uniformly distribute topsoil in a 5 to 8 inch layer and lightly compact to a minimum thickness of 4 inches. Spreading is to be performed in such a manner that sodding or seeding can proceed with a minimum of additional soil preparation and tillage. Any irregularities in the surface resulting from topsoiling or other operations must be corrected in order to prevent the a. Apply mulch to all seeded areas immediately after seeding.
 b. When straw mulch is used, spread it over all seeded areas at the rate of 2 tans per acre to a formation of depressions or water packets. c. Topsoil must not be placed if the topsoil or subsoil is in a frozen or muddy condition, when the uniform loose depth of 1 to 2 inches. Apply mulch to achieve a uniform distribution and depth subsoil is excessively wet or in a condition that may otherwise be detrimental to proper grading B.14 so that the soil surface is not exposed. When using a mulch anchoring tool, increase the and seedbed preparation. application rate to 2.5 tons per acre. Soil Amendments (Fertilizer and Lime Specifications) Wood cellulose fiber used as mulch must be applied at a net dry weight of 1500 pounds per Soil tests must be performed to determine the exact ratios and application rates for both lime and acre. Mix the wood cellulose fiber with water to attain a mixture with a maximum of 50 pounds fertilizer on sites having disturbed areas of 5 acres or more. Soil analysis may be performed by a of wood cellulose fiber per 100 gallons of water. recognized private or commercial laboratory. Soil samples taken for engineering purposes may also be used for chemical analyses. . Perform mulch anchoring immediately following application of mulch to minimize loss by wind 2. Fertilizers must be uniform in composition, free flowing and suitable for accurate application by or water. This may be done by one of the following methods (listed by preference), depending appropriate equipment. Manure may be substituted for fertilizer with prior approval from the upon the size of the area and erosion hazard:
i. A mulch anchoring tool is a tractor drawn implement designed to punch and anchor mulch into the soil surface a minimum of 2 inches. This practice is most effective on large areas, propriate approval authority. Fertilizers must all be delivered to the site fully labeled according to the applicable laws and must bear the name, trade name or trademark and warranty of the producer. 3. Lime materials must be ground limestone (hydrated or burnt lime may be substituted except when PATRICK COSTEVIC but is limited to flatter slopes where equipment an operate safely. If used on sloping land, hydroseeding) which contains at least 50 percent total oxides (calcium oxide plus magnesium this practice should follow the contour. . 10632 F. 553 PETER & MARIA LANCASTER ii. Wood cellulose fiber may be used for anchoring straw. Apply the fiber binder at a net dry oxide). Limestone must be ground to such fineness that at least 50 percent will pass through a #100 1. 17401 F 3P8 mesh sieve and 98 to 100 percent will pass through a #20 mesh sieve. weight of 750 pounds per acre. Mix the wood celluose fiber with water at a maximum of EX. EASEMENT FOR 50 pounds of wood cellulose fiber per 100 gallons of water. 4. Lime and fertilizer are to be evenly distributed and incorporated into the top 3 to 5 inches of soil by Synthetic binders such as Acrylic DLR (Agro-Tod), DCA-70, Petroset, Terra Tax II, Terra Tack AR or other approved equal may be used. Follow application rates as specified by the 5. Where the subsoil is either highly acidic or composed of heavy clays, spread ground limestone at the GINA MAMILIA manufacturer. Application of liquid binders needs to be heavier at the edges where wind rate of 4 to 8 tons/acre (200-400 pounds per 1,000 square feet) prior to the placement of topsoil. catches mulch, such as in valleys and on crests o banks. Use of asphalt binders is strictly prohibited. L.10203 F.675 iv. Lightweight plastic netting may be stapled over he mulch according to manufacturer recommendations. Netting is usually available in rds 4 to 15 feet wide and 300 to 3,000 feet long. 5.0% TEMPORARY STABILIZATION SPECIFICATIONS TABLE EX. USE-IN/COMMON DRIVEWAY EX. DRIVEWAY Hardiness Zone (from Figure B.3): 6b Seed Mixture (from Table B.1): MARIA C. ALIPRANDO Fertilizer Rate Lime Rate \* MARY PALMER Application Rate (lb/ac) | Seeding Dates | Seeding Depths L.17215 F. 313 WOODSTOCK LAND, LLC 141, 174,5Q. FT. OR 3.2409 AC. ±1 ANNUAL MAR. 1 - MAY 15 0.5 INCHES 436 lb/ac 2 tons/ac 15926 F 391--JUNE 1 - JULY 31 0.5 INCHES (10 lb/1000 sf) (90 lb/1000 sf) PERMANENT STABILIZATION SPECIFICATIONS TABLE Hardiness Zone (from Figure B.3): 6b
Seed Mixture (from Table B.3): 11 P205 K20 Seeding Dates WOODSTOCK TAND, LLC \ 115806 F.116 45 pounds 90 lb/ac 90 lb/ac (90 2 tons/ac per acre (2lb/1000 sf) | lb/1000 sf) (90 lb/ 1/4-1/2 in (1.0 lb/ 1000 sf) 1/4 - 1/2 in OWNER/DEVELOPER: MARIA C. ALIPRANDO & PRESS PALMER 10625 HILLINGDON ROADSUITE #1 5. Clear water runoff into the stockpile area must be minimized by us of a WOODSTOCK, MARYLAND 21163 version device such as an earth dike, temporary swale or division A mound or pite of soil protected by appropriately designed erosion and sediment fence. Provisions must be made for discharging concentrated flow 1 a 6. Where runoff concentrates along the toe of the stockpile fill, an apropriat erosion/sediment control practice must be used to intercept the acharge. To provide a designated location for the temporary storage of soil that controls the DEVELOPER'S CERTIFICATE: Stockpiles must be stabilized in accordance with the 3/7 day stabization potential for erosion, sedimentation, and changes to drainage patterns. ment as well as Standard B-4-1 Incremental Stabilization Ind 1/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE **B-4-5 STANDARDS AND SPECIFICATIONS** Standard B-4-4 Temporary Stabilization. <u>Conditions Where Practice Applies</u>
Stockpile areas are utilized when it is necessary to salvage and store soil for later 8. If the stockpile is located on an impervious surface, a liner should be ICCORDING TO THIS PLAN OF DEVELOPMENT FOR SEDIMENT AND EROSION FOR provided below the stockpile to facilitate cleanup. Stockpiles co CONTROL, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE PERMANENT STABILIZATION Select turfgrass varieties from those listed in the most current University of Maryland contaminated material must be covered with impermeable sheeting. CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A Publication, Agronomy Memo #77, "Turfgrass Cultivar Recommendations for DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE o stabilize disturbed soils with permanent vegetation. 1. The stockpile location and all related sediment control practices must be clearly Maryland" Choose certified material. Certified material is the best guarantee of CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO The stockpile area must continuously meet the requirements for Adequate cated on the erosion and sediment control plan. cultivar purity. The certification program of the Maryland Department of Agriculture, Vegetative Establishment in accordance with Section B-4 Vegetative Stailization AUTHORIZE PERIODIC ON-SITE INSPECTIONS BY THE HOWARD SOIL 2. The footprint of the stockpile must be sized to accommodate the anticipated Side slopes must be maintained at no steeper than a 2:1 ratio. The sockpile o use long-lived perennial grasses and legumes to establish permanent ground cover on disturbed soils. Turf and Seed Section, provides a reliable means of consumer protection and assures CONSERVATION DISTRICT." volume of material and based on a side slope ratio no steeper than 2:1. area must be kept free of erosion. If the vertical height of a stockpileexce Conditions Where Practice Applies inching must be provided in accordance with Section B-3 Land Grading. a pure genetic line. 20 feet for 2:1slopes, 30 feet for 3:1 slopes, or 40 feet for 4:1 slope, benching 3. Runoff from the stockpile area must drain to a suitable sediment control practice. xposed soils where ground cover is needed for 6 months or more. must be provided in accordance with Section B-3 Land Grading Ideal Times of Seeding for Turf Grass Mixtures 4. Access the stockpile area from the upgrade side. Vien Value Western MD: March 15 to June 1, August 1 to October 1 (Hardiness Zones: 5b, 6a) Seed Mixtures DETAIL E-1 SILT FENCE Central MD: March 1 to May 15, August 15 to October 15 (Hardiness Zone: 6b) DEVELOPER DETAIL E-3 SUPER SILT FENCE SEQUENCE OF CONSTRUCTION -SSF---General Use Southern MD, Eastern Shore: March 1 to May 15, August 15 to October 15 a. Select one or more of the species or mixtures listed in Table 8.3 for the appropriate Plant (Hardiness Zones: 7a, 7b) DRIVEN MIN. FENI POST LENGTH OBTAIN ALL REQUIRED GRADING, MDE PERMITS, APPROVALS AND LICENSES FROM APPROPRIATE AGENCIES. (1 WEEK) ENGINEER'S CERTIFICATE: Hardiness Zone (from Figure B.3) and based on the site condition or purpose found on Table d. Till areas to receive seed by disking or other approved methods to a depth of 2 to 4 inches, level B.2. Enter selected mixture(s), application rates, and seeding dates in the Permanent Seeding 2. NOTIFY SEDIMENT CONTROL INSPECTOR AT LEAST THREE () WORKING DAYS PRIOR TO STARTING WORK. (1 WEEK) 1 HEREBY CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL and rake the areas to prepare a proper seedbed. Remove stones and debris over 1½ inches in Summary. The Summary is to be placed on the plan. diameter. The resulting seedbedmust be in such condition that future mowing of grasses will REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL 16 IN M. HEIGHT OF WOVEN LIT FILM GEOTEXTILE 3. INSTALL STABILIZED CONSTRUCTION ENTRANCE, SILT FENCEAND OTHER b. Additional planting specifications for exceptional sites such as shorelines, stream banks, or KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN SEDIMENT CONTROL DEVICES AS SHOWN IN THE SEDIMENT (CONTROL PLAN. (2 WEEKS) ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION dunes or for special purposes such as wildlife or aesthetic treatment may be found in e. If soil moisture is deficient, supply new seedings with adequate water for plant growth (½ to 1 STABILIZE ALL THE GRADED AREAS UP TO 20' OUTSIDE OF THE LIMIT OF GRADING AS PER PERMANENT SEEDING NOTES. (3 WEEKS) 8 IN MN. DEPTH DISTRICT AND THE 2011 MARYLAND STANDARDS & SPECIFICATIONS FOR SOIL USDA-NRCS Technical Field Office Guide, Section 342 - Critical Area Planting. inch every 3 to 4 days depending on soil texture) until they are firmly established. This is EROSION AND SEDIMENT CONTROL. c. For sites having disturbed area over 5 acres, use and show the rates recommended by the soil -36 IN MIN. 5. EXCAVATE HOUSE FOUNDATION, HOUSE CONSTRUCTION. UTILITIES AND especially true when seedings are made late in the planting season, in abnormally dry or hot INSTALL SEPTIC. (2 WEEKS) ELEVATION seasons, or on adverse sites. 6. ANY AREAS THAT CAN BE TEMPORARILY SEEDED DURING CONSTRUCTION MUST BE TEMPORARILY STABILIZED PER SEEDING NOTES. GALVANIZED CHAIN LINK FENCE WITH WOVEN SLIT FILM GEOTEXTILE d. For areas receiving low maintenance, apply urea form fertilizer (46-0-0) at 3 ½ pounds per Sod: To provide quick cover on disturbed areas (2:1 grade or flatter). 0/7/2017 VAHAA-1000 square feet (150 pounds per acre) at the time of seeding in addition to the soil amendments General Specifications 7. INSTALL DRIVEWAY. (2 WEEKS) RONALD E. THOMPSON, P.E. shown in the Permanent Seeding Summary. ELEVATION ii. Class of turfgrass sod must be Maryland State Certified. Sod labels must be made available to 8. STABILIZE DISTURBED AREAS PER PERMANENT SEEDING NOTES. (1 WEEK) Turfgrass Mixtures the job foreman and inspector. 9. UPON APPROVAL OF SEDIMENT CONTROL INSPECTOR; REMOVE ALL TEMPORARY SEDIMENT CONTROL DEVICES FOR HOUSE CONSTRUCTION. (1 WEEK) a. Areas where turfgrass may be desired include lawns, parks, playgrounds, and commercial sites THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND CHAIN LINK FENCING -Sod must be machine cut at a uniform soil thickness of ¾ inch, plus or minus ¼ inch, at the time WOVEN SLIT FILM GEOTEXTILEwhich will receive a medium to high level of maintenance. 10. NOTIFY INSPECTOR FOR FINAL INSPECTION. (1 WEEK) of cutting. Measurement for thickness must exclude top growth and thatch. Broken pads and FLOW b. Select one or more of the species or mixtures listed below based on the site conditions or torn or uneven ends will not be acceptable. purpose. Enter selected mixture(s), application rates, and seeding dates in the Permanent ik. Standard size sections of sod must be strong enough to support their own weight and retain their Seeding Summary. The summary is to be placed on the plan. MIN. OF B IN VERTICALLY INTO THE GROUND. BACKFILL AND COMPACT THE SOIL ON BOTH SIDES OF GEOTEXTILE. size and shape when suspended vertically with a firm grasp on the upper 10 percent of the Kentucky Bluegrass: Full Sun Mixture: For use in areas that receive intensive management. Irrigation required in the areas of central Maryland and Eastern Shore. il. Sod must not be harvested or transplanted when moisture content (excessively dry or wet) may CROSS SECTION Recommended Certified Kentucky Bluegrass Cultivars Seeding Rate: 1.5 to 2.0 pounds per DATE REVISIONS CONSTRUCTION SPECIFICATIONS adversely affect its survival PLOT PLAN & SEDIMENT CONTROL PLAN 1000 square feet. Choose a minimum of three Kentucky bluegrass cultivars with each INSTALL 2% INCH DIAMETER GALVANIZED STEEL POSTS OF 0.095 INCH WALL THICKNESS AND SIX FOOT LENGTH SPACED NO FURTHER THAN 10 FEET APART. DRIVE THE POSTS A MINIMUM OF 36 INCHES INTO THE GROUND. /12/17 ADD DRIWELLS im. Sod must be harvested, delivered, and installed within a period of 36 hours. Sod not ranging from 10 to 35 percent of the total mixture by weight. 131/17 SEC COMMENTS LANDS CONVEYED TO transplanted within this period nust be approved by an agronomist or soil scientist prior to its 06/07/17 SEC COMMENTS ii. Kentucky Bluegrass/Perennial Rye: Full Sun Mixture: For use in full sun areas whererapid MARIA C. ALIPRANDO & PRESS PALMER FASTEN 9 GAUGE OR HEAVIER GALVANIZED CHAIN LINK FENCE (2% INCH MAXIMUM OPENING) 42 INCHES IN HEIGHT SECURELY TO THE FENCE POSTS WITH WIRE TIES OR HUG RINGS. WELL CERTIFICATION establishment is necessary and when turf will receive medium to intensive Sod Installation HEREBY CERTIFY THAT THE EXISTING WELL TAG NO. HO-15-0125 FASTEN WOVEN SLIT FILM GEOTEXTILE AS SPECIFIED IN SECTION H-1 MATERIALS, SECURELY TO THE UPSLOPE SIDE OF CHAIN LINK FENCE WITH TIES SPACED EVERY 24 INCHES AT THE TOP AND MID SECTION. EMBED GEOTEXTILE AND CHAIN LINK FENCE A MINIMUM OF 8 INCHES INTO THE GROUND. management. Certified Perennial Ryegrass Cultivars/Certified Kentucky Bluegrass Seeding a. During periods of excessively high temperature or in areas having dry subsoil, lightly irrigate HAS BEEN FIELD LOCATED AND ACCURATELY SHOWN HEREON. Rate: 2 pounds mixture per 1000 square feet. Choose a minimum of three Kentucky the subsoil immediately prior tolaying the sod. L.17215 F.315 bluegrass cultivars with each ranging from 10 to 35 percent of the total mixture by weight. WHERE ENDS OF THE GEOTEXTILE COME TOGETHER, THE ENDS SHALL BE OVERLAPPED BY 6 INCHES, FOLDED, AND STAPLED TO PREVENT SEDIMENT BY PASS. b. Lay the first row of sod in a straight line with subsequent rows placed parallel to it and tightly Tall Fescue/Kentucky Bluegrass: Full Sun Mixture: For use in drought prone areas and/or 1680 WOODSTOCK ROAD wedged against each other. Stagger lateral joints to promote more uniform growth and strength. 5. EXTEND BOTH ENDS OF THE SUPER SILT FENCE A MINIMUM OF FIVE HORIZONTAL FEET UPSLOPE AT 45 DEGREES TO THE MAIN FENCE ALIGNMENT TO PREVENT RUNOFF FROM GOING AROUND THE ENDS OF THE SUPER SILT FENCE. for areas receiving low to medium management in full sun to medium shade. THIRD ELECTION DISTRICT Ensure that sod is not stretchedor overlapped and that all joints are butted tight in order to HOWARD COUNTY, MARYLAND Recommended mixture includes; Certified Tall Fescue Cultivars 95 to 100 percent, RONALD E. THOMPSON, I prevent voids which would cause air drying of the roots. SCALE: I\* = 50' APRIL 2017 PROVIDE MANUFACTURER CERTIFICATION TO THE INSPECTION/ENFORCEMENT AUTHORITY SHOWING THAT GEOTEXTILE USED MEETS THE REQUIREMENTS IN SECTION H-1 MATERIALS. Certified Kentucky Bluegrass Cultivars 0 to 5 percent. Seeding Rate: 5 to 8 pounds per c. Wherever possible, lay sod with the long edges parallel to the contour and with staggering STAPLE-1000 square feet. One or more cultivars may be blended. REMOVE ACCUMULATED SEDIMENT AND DEBRIS WHEN BULGES DEVELOP IN FENCE OR WHEN SEDIMENT REACHES 25% OF FENCE HEIGHT. REPLACE GEOTEXTILE IF TORN. IF UNDERMINING OCCURS, REINSTALL CHAIN LINK FENCING AND GEOTEXTILE. Roll and tamp, peg or otherwise secure the sod to prevent slippage on slopes. Ensure JOINING TWO ADJACENT SILT PROFESSIONAL CERTIFICATION Kentucky Bluegrass/Fine Fescue: Shade Mixture: For use in areas with shade in Bluegrass solid contact exists between sod roots and the underlying soil surface. FENCE SECTIONS (TOP VIEW) ASSOCIATES, INC. 1 OF 2 I hereby certify that these documents were prepared or approved by me, V. For establishment in high quality, intensively managed turf area. Mixture includes; d. Water the sod immediately following rolling and tamping until the underside of the new sod pad and that I am a duly licenced professional engineer under the laws of the MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL Engineers Surveyors Planners MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL Certified Kentucky Bluegrass Cultivars 30 to 40 percent and Certified Fine Fescue and 60 to 70 and soil surface below the sod are thoroughly wet. Complete the operations of laying, tamping State of Maryland, License No. 18417, Expiration Date: 9-18-17. 310 South Main Street Mount Airy, Maryland 21771 percent. Seeding Rate: 1½ to 3 pounds per 1000 square feet. 2011 and irrigating for any piece of sod within eight hours. (301) 829-2890 (301) 831-5015 (410) 549-2751

HOWARD SOIL CONSERVATION DISTRICT

STANDARD SEDIMENT CONTROL NOTE:

7) Any sediment control practice which is disturbed by grading activity for placement of utilities

ADC MAP: 12

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B-4-2 STANDARDS AND SPECIFICATIONS FOR SOIL PREPARATION, TOPSOILING, AND SOIL AMENDMENTS

B-4-3 STANDARDS AND SPECIFICATIONS FOR SEEDING AND MULCHING

DETAIL B-1 STABILIZED CONSTRUCTION