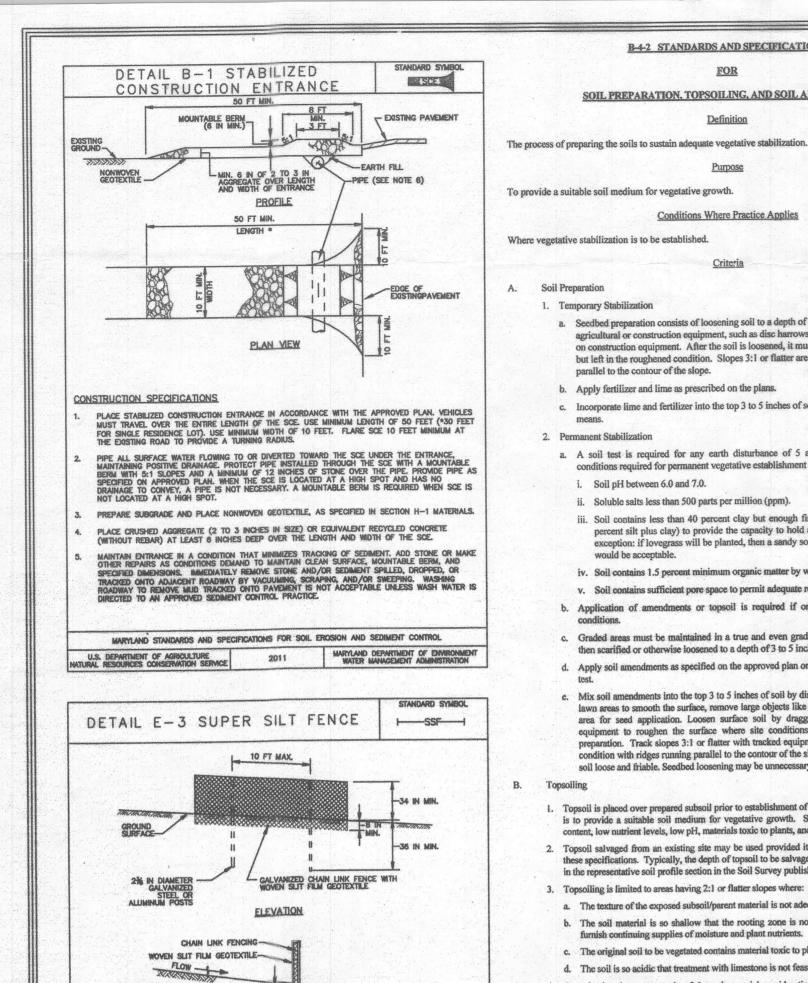
DEFT, OF INSPECTIONS, LICENSES 3430 COURT HOUSE DRI ELLICOTT CITY, MD 216 FERMITS (101) 313-3 INSPECTIONS (410) 313-3	HOWARD C	OUNTY	BI300	10000000 - July	recd 4-5-13
AUTOMATED INFORMATION (4)	0) 313-3400				
Building Address 1134	Address 113	Property Owner's Name MICHELL THEIR STRINGE Address 11342 LOUIDON PLACE LANE City Elicoh City State MD Zip Code 21049			
Suite/Apt. #:S		Home Phone	me & Mailing Addre	ork Phone 443	717-0804
Census TractSubdivision Lalbas Robe		1067.1	3YIN COPCLOH STRON		
Section Area Lot 4 Tax Map Parcel Grid 15		Londs	Lond STUL, MD 31163		
	rdinates Lot Size 37,881 d	Phone 4/12	1-080-ac-	ax	
Existing Use Proposed Use Estimated Construction Co- Description of Work	Contractor Con	Contractor Company CASC HOTES OF TO SAVE 408 Address FD State MD Zip Code 20850 License No. W 3500			
MINOR FIGH	SOBANISIOS 1	Phone 30	51-9001 F	ax 31-951-1	000
Occupant or Tenant Mtk	et management	Engineer or Architect Company 15H ASSOCIOES			
Contact Name Mrtc#	THE PERSON WITH THE PROPERTY.	Contact Person ZOUH FISCH Address 6389 HOWARD LANE			
City Clicoth City Sta		City EIVELOSE State MO Zip Code 21075			
Phone 443-717-0	Contract of the contract of th	Phone 410-507-5000 Fax 410-796-196			
BITTI DINC DES	CRIPTION - COMMERCIAL	PIN	LDING DESCRIPT	ION PECINENT	TIAL
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lo. of stories:	Public Private	Depth W	So Dela	Private	
cross area, eq. ft. per floor:	Sewage Disposal: Public Private	Basement 34 X	20, DXM	Sewage Disposal: Public Private	
se group:	Electric Yes D No D	Finished Besement G	Unfinished Basement ✓ Crawl Slab to Grade U	Electric Yes	No re
onstruction type: Reinforced Concrete	Gas Yes O No O	No. of Bedrooms	4	Gas Yes 7	
Structural Steel Manonry Wood Frame	Heating System: Electric Natural Gas	Multi-family dwell No. of efficiency ur No. of I BR units:	nits:	Natural Gas 🇹	Oil a
State Certified Modular	Propane Gas Sprinkler system: N/A	No. of 2 BR units: No. of 3 BR units:		Propane Gas © Sprinkler system: 1	N/A D
	Full Partial Other Suppression	Other Structure: Dimensions: Footings: Roof:	=	NFPA #13D NFPA #13R Other:	
Load side thee	# of Heads	State Certified Manufactured		G130000	93
HE UNDERSIONED HEREBY CE ORRECT; (3) THAT HE'SHE WILL IN THE ABOVE REFERENCED PRO THE PROPERTY FOR THE PURPOS	TITIES AND AGREES AS POLLOWS: (1) THAT COMPLY WITH ALL REGULATIONS OF HOWARD OPERTY NOT SPECIFICALLY DESCRIBED IN THIS IE OF INSPECTING THE WORK PERMITTED AND P	HE'SHE IS AUTHORIZED COUNTY WHICH ARE A APPLICATION; (5) THAT OSTING NOTICES.	O TO MAKE THIS APPLIC APPLICABLE THERETO; (4) HE/SHE GRANTS COUNTY	ATION: (2) THAT THE THAT HE'SHE WILL PE Y OFFICIALS RIED	EVED OF
pplicant's Signature	<u> </u>	Print Name	AHD H	APR (5 2013
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itle/Company	Checks payable to: DIRECTOR ***PLEASE WRITE 1	Date OF FINANCE OF HOV NEATLY AND LEGIBL	Y.**	0 = 2	
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Is Sediment Control approval required prior to insuance? In Er VES NO 2 YES		s Entrance Permit Requ	ofrance Permit Required? Balance due S Check 18372		
ONE STOP	CONSTRUCTION START: 0	ES II NO II ot Coverage for New To DP/Red-line approval d		Accepted b	AKH
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MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION 2011

CROSS SECTION

INSTALL 2% INCH DIAMETER GALVANIZED STEEL POSTS OF 0.095 INCH WALL THICKNESS AND S FOOT LENGTH SPACED NO FURTHER THAN 10 FEET APART, DRIVE THE POSTS A MINIMUM OF 34 INCHES INTO THE GROUND.

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.

WHERE ENDS OF THE GEOTEXTILE COME TOGETHER, THE ENDS SHALL BE OVERLAPPED BY 6 INCHES, FOLDED, AND STAPLED TO PREVENT SEDIMENT BY PASS.

EXTEND BOTH ENDS OF THE SUPER SILT FENCE A MINIMUM OF FIVE HORIZONTAL FEET UPSLOPE A 45 DEGREES TO THE MAIN FENCE ALIGNMENT TO PREVENT RUNOFF FROM GOING AROUND THE END.

PROVIDE MANUFACTURER CERTIFICATION TO THE INSPECTION/ENFORCEMENT AUTHORITY SHOWING THAT GEOTEXTILE USED MEETS THE REQUIREMENTS IN SECTION H-1 MATERIALS.

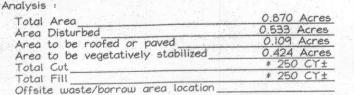
SEDIMENT CONTROL NOTES . A minimum of 48 hours notice must be given to the Howard County Department of Inspection, License and Permits Sediment Control Division prior to the start of any construction (410-313-1855).

. All vegetation and structural practices are to be installed according to the provisions of this plan and are to be in conformance with the 2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL: and revisions thereto. Following initial soil disturbance or redisturbance, permanent or

temporary stabilization shall be completed within: (a) 3 calendar days for all perimeter sediment control structures, dikes, perimeter slopes, and all slopes greater than 3:1, (b) 7 days as to all other disturbed or graded areas on the project site. 4. All sediment traps/basins shown must be fenced and warning signs posted around their perimeter in accordance with Vol. 1, Chapter 7

HOWARD COUNTY DESIGN MANUAL, Storm Drainage. 5. All disturbed areas must be stabilized within the time period specified above in accordance with the 2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for permanent seeding, sod, temporary seeding, and mulching (Sec. G) Temporary stabilization with mulch alone shall be done when recommended seeding dates do not allow for proper germination and establishment of arasses.

6. All sediment control structures are to remain in place and are to be maintained in operative condition until permission for their removal has been obtained from the Howard County Sediment Control Inspector. Site Analysis



8. Any sediment control practice which is disturbed by grading activity for placement of utilities must be repaired on the same day of disturbance. Additional sediment controls must be provided, if deemed necessary by the Howard County Sediment Control Inspector. 10. On all sites with disturbed areas in excess of 2 acres, approval of the inspection agency shall be requested upon completion of installation of perimeter erosion and sediment controls, but before proceeding with any

other earth disturbance or grading. Other building or grading inspection approvals may not be authorized until this initial approval by the inspection agency is made. 1. Trenches for the construction of utilities is limited to three pipe lengths or that which shall be back-filled and stabilized within one working day,

whichever is shorter.

Earthwork quantities are solely for the purpose of calculating fees.

ENGINEERS CERTIFICATE

"I CERTIFY THAT THIS PLAN FOR SEDIMENT AND EROSION

BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS

REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN

AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE

SIGNATURE OF ENGINEER

ZACHARIA Y. FISCH, P.E.

Contractor to verify all quantities prior to the start of construction. ** To be determined by contractor, with pre-approval of the Sediment Control Inspector with an approved and active grading permit.

DEVELOPER'S CERTIFICATE

The planting dates listed are averages for each Zone and may require adjustment to reflect local conditions, especially near the boundaries of the zone.

0.5 Jun 1 to Jul 31

Seeding rates for the warm-season grasses are in pounds of Pure Live Sted (PLS). Actual planting rates shall be adjusted to reflect percent seed germination and purity, as

Seeding rates listed above are for temporary seedings, when planted alone. When planted as a nurse crop with permanent seed mixes, use 1/3 of the seeding rate listed above

for barley, oats, and wheat. For smaller-seeded grasses (annual ryegrass pearl millet, foxtail millet), do not exceed more than 5% (by weight) of the overall permanent seeding mix. Cereal rye generally should not be used as a nurse crop, utless planting will occur in very late fall beyond the seeding dates for other temporary seedings.

Cereal tye has allelopathic properties that inhibit the germination and growth of other plants. If it must be used as a nurse crop, seed at 1/3 of the rate listed above.

Table B.1: Temporary Seeding for Site Stabilization

Mar 15 to May 31; Aug 1 to Sep 30

Mar 15 to May 31; Aug 1 to Sep 30

Mar 15 to May 31; Aug 1 to Sep 30

Mar 15 to May 31; Aug 1 to Oct 31

0.5

30 0.7 0.5 Jun 1 to Jul 31

"I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN FOR SEDIMENT AND EROSION CONTROL. AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT.

SIGNATURE OF DEVELOPER

Recommended Seeding Dates by Plant Hardiness Zone 3

Mar 15 to May 31; Aug 1 to Sep 30 Mar 1 to May 15; Aug Feb 15 to Apr 30; Aug 1 to Oct 15 Feb 15 to Nov 30

1 to Oct 15

May 16 to Jul 31

Mar 1 to May 15; Aug Feb 15 to Apr 30; Aug

Mar 1 to May 15; Aug | Feb 15 to Apr 30; Aug

Mar 1 to May 15; Aug | Feb 15 to Apr 30; Aug

Mar 1 to May 15; Aug Feb 15 to Apr 30; Aug 15 to Dec 15

May 16 to Jul 31 May 1 to Aug 14

15 to Nov 30

May 1 to Aug 14

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

Permanent Seeding Summary

1/4-1/2 in 45 pounds

per acre

(1.0 lb/

(10-20-20)

P205

(2 16/

ALT |

90 lb/ac 90 lb/ac

1000 sf) 1000 sf)

(2 lb/

Hardiness Zone (from Figure B.3): 6b

Dates

- 5/15 1/4 1/2 in

6/8

TYPICAL LEVEL SPREADER

NOT TO SCALE

See plan for level spreader lengths

1/4- 1/2 in

Seed Mixture (from Table B.3):

The application of seed and mulch to establish vegetative cover. To protect disturbed soils from erosion during and at the end of construction.

Conditions Where Practice Applies

To the surface of all perimeter controls, slopes, and any disturbed area not under active grading

B-4-2 STANDARDS AND SPECIFICATIONS

SOIL PREPARATION, TOPSOILING, AND SOIL AMENDMENTS

Conditions Where Practice Applie

a. Seedbed preparation consists of loosening soil to a depth of 3 to 5 inches by means of suitable

c. Incorporate lime and fertilizer into the top 3 to 5 inches of soil by disking or other suitable

a. A soil test is required for any earth disturbance of 5 acres or more. The minimum soil

iii. Soil contains less than 40 percent clay but enough fine grained material (greater than 30

b. Application of amendments or topsoil is required if on-site soils do not meet the above

c. Graded areas must be maintained in a true and even grade as specified on the approved plan,

d. Apply soil amendments as specified on the approved plan or as indicated by the results of a soil

e. Mix soil amendments into the top 3 to 5 inches of soil by disking or other suitable means. Rake lawn areas to smooth the surface, remove large objects like stones and branches, and ready the

soil loose and friable. Seedbed loosening may be unnecessary on newly disturbed areas.

Topsoil is placed over prepared subsoil prior to establishment of permanent vegetation. The purpose

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.

Topsoil salvaged from an existing site may be used provided it meets the standards as set forth in

these specifications. Typically, the depth of topsoil to be salvaged for a given soil type can be found

a. The texture of the exposed subsoil/parent material is not adequate to produce vegetative growth.

b. The soil material is so shallow that the rooting zone is not deep enough to support plants or

a. Topsoil must be a loam, sandy loam, clay loam, silt loam, sandy clay loam, or loamy sand.

b. Topsoil must be free of noxious plants or plant parts such as Bermuda grass, quack grass

c. Topsoil substitutes or amendments, as recommended by a qualified agronomist or soil scientist and approved by the appropriate approval authority, may be used in lieu of natural topsoil.

b. 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

resulting from topsoiling or other operations must be corrected in order to prevent the

subsoil is excessively wet or in a condition that may otherwise be detrimental to proper grading

c. Topsoil must not be placed if the topsoil or subsoil is in a frozen or muddy condition, when the

Soil tests must be performed to determine the exact ratios and application rates for both lime and

2. Fertilizers must be uniform in composition, free flowing and suitable for accurate application by

appropriate equipment. Manure may be substituted for fertilizer with prior approval from the

appropriate 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

4. Lime and fertilizer are to be evenly distributed and incorporated into the top 3 to 5 inches of soil by

5. Where the subsoil is either highly acidic or composed of heavy clays, spread ground limestone at the

rate of 4 to 8 tons/acre (200-400 pounds per 1,000 square feet) prior to the placement of topsoil.

Seeding Rate

lb/ac | lb/1000 ft2

mesh sieve and 98 to 100 percent will pass through a #20 mesh sieve.

hydroseeding) which contains at least 50 percent total oxides (calcium oxide plus magnesium

oxide). Limestone must be ground to such fineness that at least 50 percent will pass through a #100

fertilizer on sites having disturbed areas of 5 acres or more. Soil analysis may be performed by a

recognized private or commercial laboratory. Soil samples taken for engineering purposes may also

ditional soil preparation and tillage. Any irregularities in the surfac

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

and must contain less than 5 percent by volume of cinders, stones, slag, coarse fragments,

in the representative soil profile section in the Soil Survey published by USDA-NRCS.

3. Topsoiling is limited to areas having 2:1 or flatter slopes where:

furnish continuing supplies of moisture and plant nutrients.

d. The soil is so acidic that treatment with limestone is not feasible.

c. The original soil to be vegetated contains material toxic to plant growth.

4. Areas having slopes steeper than 2:1 require special consideration and design.

Johnson grass, nut sedge, poison ivy, thistle, or others as specified.

formation of depressions or water pockets.

Soil Amendments (Fertilizer and Lime Specifications)

and seedbed preparation.

be used for chemical analyses.

disking or other suitable means.

Barley (Hordeum vulgare)

Vheat (Triticum aestivum)

creal Rye (Secale cereale)

extail Millet (Setaria italica)

earl Millet (Pennisetum glaucum) 20 0.5

tested. Adjustments are usually not needed for the cool-season grasses.

Oats are the recommended nurse crop for warm-season grasses.

2/ For sandy soils, plant seeds at twice the depth listed above.

ats (Avena sativa)

5. Topsoil Specifications: Soil to be used as topsoil must meet the following criteria:

gravel, sticks, roots, trash, or other materials larger than 11/2 inches in diameter.

a. Erosion and sediment control practices must be maintained when applying topsoil.

area for seed application. Loosen surface soil by dragging with a heavy chain or other

equipment to roughen the surface where site conditions will not permit normal seedbed

preparation. Track slopes 3:1 or flatter with tracked equipment leaving the soil in an irregular condition with ridges running parallel to the contour of the slope. Leave the top 1 to 3 inches of

percent silt plus clay) to provide the capacity to hold a moderate amount of moisture. An

exception: if lovegrass will be planted, then a sandy soil (less than 30 percent silt plus clay)

agricultural or construction equipment, such as disc harrows or chisel plows or rippers mounted

on construction equipment. After the soil is loosened, it must not be rolled or dragged smooth

but left in the roughened condition. Slopes 3:1 or flatter are to be tracked with ridges running

Soil Preparation

1. Temporary Stabilization

2. Permanent Stabilization

parallel to the contour of the slope.

i. Soil pH between 6.0 and 7.0.

b. Apply fertilizer and lime as prescribed on the plans.

conditions required for permanent vegetative establishment are:

iv. Soil contains 1.5 percent minimum organic matter by weight.

then scarified or otherwise loosened to a depth of 3 to 5 inches.

v. Soil contains sufficient pore space to permit adequate root penetration.

ii. Soluble salts less than 500 parts per million (ppm).

a. All seed must meet the requirements of the Maryland State Seed Law. All seed must be subject to re-testing by a recognized seed laboratory. All seed used must have been tested within the 6 months immediately preceding the date of sowing such material on any project. Refer to Table B.4 regarding the quality of seed. Seed tags must be available upon request to the inspector to

b. Mulch alone may be applied between the fall and spring seeding dates only if the ground is frozen. The appropriate seeding mixture must be applied when the ground thaws.

c. Inoculants: The inoculant for treating legume seed in the seed mixtures must be a pure culture 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. Use four times the recommended rate when hydroseeding. Note: It is very important to keep inoculant as cool as possible until used. Temperatures above 75 to 80 degrees Fahrenheit can weaken bacteria and make the inoculant less effective.

d. Sod or seed must not be placed on soil which has been treated with soil sterilants or chemicals used for weed control until sufficient time has elapsed (14 days min.) to permit dissipation of phyto-toxic materials.

2. Application

a. Dry Seeding: This includes use of conventional drop or broadcast spreaders. i. Incorporate seed into the subsoil at the rates prescribed on Temporary Seeding Table B.1, Permanent Seeding Table B.3, or site-specific seeding summaries.

ii. Apply seed in two directions, perpendicular to each other. Apply half the seeding rate in each direction. Roll the seeded area with a weighted roller to provide good seed to soil

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

1/4 inch of soil covering. Seedbed must be firm after planting. ii. Apply seed in two directions, perpendicular to each other. Apply half the seeding rate in

c. Hydroseeding: Apply seed uniformly with hydroseeder (slurry includes seed and fertilizer). i. If fertilizer is being applied at the time of seeding, the application rates should not exceed the following: nitrogen, 100 pounds per acre total of soluble nitrogen; P2O5 (phosphorous), 200 pounds per acre; K₂O (potassium), 200 pounds per acre.

ii. Lime: Use only ground agricultural limestone (up to 3 tons per acre may be applied by hydroseeding). Normally, not more than 2 tons are applied by hydroseeding at any one time. Do not use burnt or hydrated lime when hydroseeding.

iii. Mix seed and fertilizer on site and seed immediately and without interruption. iv. When hydroseeding do not incorporate seed into the soil.

Mulch Materials (in order of preference)

a. Straw consisting of thoroughly threshed wheat, rye, oat, or barley and reasonably bright in color. Straw is to be free of noxious weed seeds as specified in the Maryland Seed Law and not musty, moldy, caked, decayed, or excessively dusty. Note: Use only sterile straw mulch in areas where one species of grass is desired.

b. Wood Cellulose Fiber Mulch (WCFM) consisting of specially prepared wood cellulose processed into a uniform fibrous physical state. i. WCFM is to be dyed green or contain a green dye in the package that will provide an

appropriate color to facilitate visual inspection of the uniformly spread slurry. ii. WCFM, including dye, must contain no germination or growth inhibiting factors. iii. WCFM materials are to be manufactured and processed in such a manner that the wood cellulose fiber mulch will remain in uniform suspension in water under agitation and will

blend with seed, fertilizer and other additives to form a homogeneous slurry. The mulch material must form a blotter-like ground cover, on application, having moisture absorption and percolation properties and must cover and hold grass seed in contact with the soil without inhibiting the growth of the grass seedlings.

iv. WCFM material must not contain elements or compounds at concentration levels that will

v. 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 holding capacity of 90 percent minimum.

2. Application 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 tons per acre to a uniform loose depth of 1 to 2 inches. Apply mulch to achieve a uniform distribution and depth so that the soil surface is not exposed. When using a mulch anchoring tool, increase the application rate to 2.5 tons per acre.

c. Wood cellulose fiber used as mulch must be applied at a net dry weight of 1500 pounds per acre. Mix the wood cellulose fiber with water to attain a mixture with a maximum of 50 pounds of wood cellulose fiber per 100 gallons of water.

a. Perform mulch anchoring immediately following application of mulch to minimize loss by wind or water. This may be done by one of the following methods (listed by preference), depending upon the size of the area and erosion hazard:

 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, but is limited to flatter slopes where equipment can operate safely. If used on sloping land, this practice should follow the contour.

ii. Wood cellulose fiber may be used for anchoring straw. Apply the fiber binder at a net dry weight of 750 pounds per acre. Mix the wood cellulose fiber with water at a maximum of 50 pounds of wood cellulose fiber per 100 gallons of water.

iii. Synthetic binders such as Acrylic DLR (Agro-Tack), DCA-70, Petroset, Terra Tax II, Terra Tack AR or other approved equal may be used. Follow application rates as specified by the manufacturer. Application of liquid binders needs to be heavier at the edges where wind catches mulch, such as in valleys and on crests of banks. Use of asphalt binders is strictly

iv. Lightweight plastic netting may be stapled over the mulch according to manufacturer recommendations. Netting is usually available in rolls 4 to 15 feet wide and 300 to 3,000 feet long.

H-5 STANDARDS AND SPECIFICATIONS FOR DUST CONTROL

Controlling the suspension of dust particles from construction activities

To prevent blowing and movement of dust from exposed soil surfaces to reduce on and off-site damage including health and traffic hazards.

Definition

Conditions Where Practice Applies

Areas subject to dust blowing and movement where on and off-site damage is likely without treatment.

Mulches: See Section B-4-2 Soil Preparation, Topsoiling, and Soil Amendments, Section B-4-3 leeding and Mulching, and Section B-4-4 Temporary Stabilization. Mulch must be anchored to

Vegetative Cover: See Section B-4-4 Temporary Stabilization,

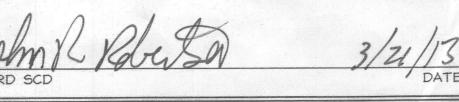
Tillage: Till to roughen surface and bring clods to the surface. Begin plowing on windward side of site. Chisel-type plows spaced about 12 inches apart, spring-toothed harrows, and similar plows are examples of equipment that may produce the desired effect. Irrigation: Sprinkle site with water until the surface is moist. Repeat as needed. The site must

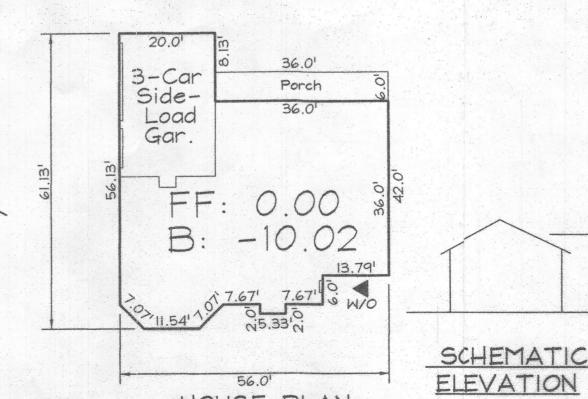
ot be irrigated to the point that runoff occurs. Barriers: Solid board fences, silt fences, snow fences, burlap fences, straw bales, and similar

aterial can be used to control air currents and soil blowing. Chemical Treatment: Use of chemical treatment requires approval by the appropriate plan

HOWARD SOIL CONSERVATION DISTRICT

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT





PLAN

SCALE: I" = 20

#2 Stone

—Filter Fabric

HOUSE PLAN SCALE: I" = 20'

PROFESSIONAL CERTIFICATION

hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland, License No. #22418, Expiration Date: 07/29/203.

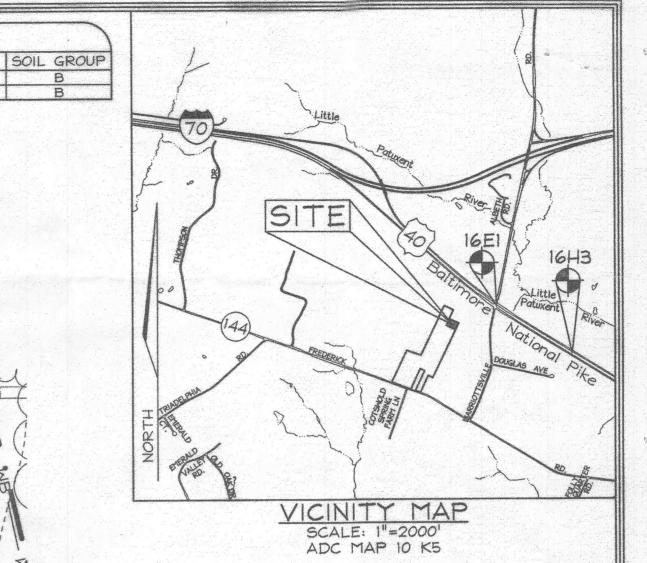
NT TO SCALE

SOILS LEGEND

NAME / DESCRIPTION

Monor gravely loarn, 8 to 15 percent slopes, moderately eroded

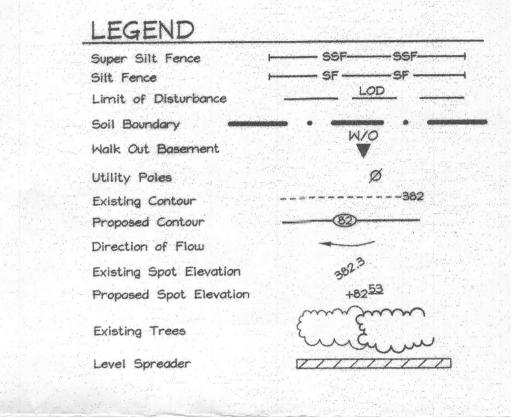
MID3 | Manor loam, 15 to 25 percent slopes, severely eroded



GEODETIC CONTROL STATIONS

Coordinates based on NAD'83, Maryland coordinate system as projected by Howard County geodetic control stations no. 16El and no. 16H3 denotes 🗣 approximate location (see vicinity map).

N 593,250.9638 E 1,340,192.7010 El.: 463.893 N 592,408.0425 E 1,341,523.9677 El.: 469.712 Sta. 16H3



GENERAL NOTES

1. This property is zoned "RR-DEO" per the 02/02/04 Comprehensive Zoning Plan and the Comp Lite Zoning Regulations Amendments effective 07/28/06. 2. Total area of property = 0.870 Act

3. Public water and public shared septic system will serve this lot. 4. On-site topography and existing utilities based on a Field Run Topographic

Survey prepared by FSH Associates in July, 2003 with two foot contours.

5. A stockpile will not be permitted on site. 6. Per F-08-050 approved Final plans, Stormwater Management is provided by sheet flow to buffer via level spreaders.

Super silt fence is to be placed along the southern LOD at the direction of the sediment control inspector; in the area of the proposed contour 520.

8. No section of super silt fence is to exceed 50' in length before curling into the LOD.

SEQUENCE OF CONSTRUCTION

1. Obtain grading permit.

2. Notify Howard County Department of Inspections, License and

Permits at (410) 313-1880 at least 48 hours before starting any work.

3. Install Stabilized Construction Entrance and Super Silt Fence. 4. After receiving permission from the sediment control inspector,

rough grade site and begin building construction. 5. Construct driveway and finish building construction. 6. Fine grade and permanently stabilize site.

7. Upon stabilization of all disturbed areas and with the permission of the Sediment Control Inspector, remove all sediment control measures and stabilize any remaining disturbed area.

> BUILDER CLASSIC HOMES 50 W. Edmondston Drive, Suite 405 Rockville, Maryland 20852

301.256.4110

PLOT PLAN

WILLOW RIDGE LOT 4

Plat #22030-22033 TAX MAP 16 GRID 15

3RD ELECTION DISTRICT

PARCELS 89, 91 \$ 201

HOWARD COUNTY, MARYLAND



Engineers Planners Surveyors 6339 Howard Lane, Elkridge, MD 21075 Tel:410-567-5200 Fax: 410-796-1562 E-mail: info@fsheri.com

DESIGN BY: CRH2 DRAWN BY: CRH2 CHECKED BY: ZYF SCALE: 1" = 201 DATE: Mar. 21, 2013 W.O. No.: 3033 SHEET No.: 1 OF 1

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