



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: 11/4/15

Permit No.: BIS004870

Building Address: 12729 MILO COURT
 City: _____ State: _____ Zip Code: _____
 Suite/Apt. #: _____ SDP/WP/BA #: _____
 Census Tract: _____ Subdivision: _____
 Section: _____ Area: _____ Lot: 8
 Tax Map: _____ Parcel: _____ Grid: _____
 Zoning: _____ Map Coordinates: _____ Lot Size: _____

Existing Use: _____
 Proposed Use: _____
 Estimated Construction Cost: \$ _____
 Description of Work: CHARLESTON
412 3
 Occupant or Tenant: _____
 Was tenant space previously occupied? Yes No
 Contact Name: _____
 Address: _____
 City: _____ State: _____ Zip Code: _____
 Phone: _____ Fax: _____
 Email: _____

Property Owner's Name: LDCI, INC.
 Address: _____
 City: _____ State: _____ Zip Code: _____
 Phone: _____ Fax: _____
 Email: _____

Applicant's Name & Mailing Address, (If other than stated herein)
 Applicant's Name: _____
 Address: _____
 City: _____ State: _____ Zip Code: _____
 Phone: _____ Fax: _____
 Email: _____

Contractor Company: _____
 Contact Person: _____
 Address: _____
 City: _____ State: _____ Zip Code: _____
 License No.: _____
 Phone: _____ Fax: _____
 Email: _____

Engineer/Architect Company: _____
 Responsible Design Prof.: _____
 Address: _____
 City: _____ State: _____ Zip Code: _____
 Phone: _____ Fax: _____
 Email: _____

Commercial Building Characteristics	Residential Building Characteristics
Height:	<input type="checkbox"/> SF Dwelling <input type="checkbox"/> SF Townhouse
No. of stories:	Depth Width
Gross area, sq. ft./floor:	1 st floor:
Area of construction (sq. ft.):	2 nd floor:
Use group:	Basement:
	<input type="checkbox"/> Finished Basement
	<input type="checkbox"/> Unfinished Basement
	<input type="checkbox"/> Crawl Space
Construction type:	<input type="checkbox"/> Slab on Grade
<input type="checkbox"/> Reinforced Concrete	No. of Bedrooms: <u>4</u>
<input type="checkbox"/> Structural Steel	Multi-family Dwelling
<input type="checkbox"/> Masonry	No. of efficiency units:
<input type="checkbox"/> Wood Frame	No. of 1 BR units:
<input type="checkbox"/> State Certified Modular	No. of 2 BR units:
	No. of 3 BR units:
	Other Structure:
	Dimensions:
➤ Roadside Tree Project Permit	Footings:
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Roof:
Roadside Tree Project Permit #	<input type="checkbox"/> State Certified Modular
	<input type="checkbox"/> Manufactured Home

Utilities	
Water Supply	
<input type="checkbox"/> Public	
<input type="checkbox"/> Private	
Sewage Disposal	
<input type="checkbox"/> Public	
<input checked="" type="checkbox"/> Private	
Electric: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Gas: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Heating System	
<input type="checkbox"/> Electric <input type="checkbox"/> Oil	
<input checked="" type="checkbox"/> Natural Gas <input type="checkbox"/> Propane Gas	
<input type="checkbox"/> Other:	
Sprinkler System:	
<input type="checkbox"/> Yes <input type="checkbox"/> No	
Grading Permit Number:	<u>615000350</u>
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 COUNTY OFFICIALS THE RIGHT TO ENTER ONTO THIS PROPERTY FOR THE PURPOSE OF INSPECTING THE WORK PERMITTED AND POSTING NOTICES.

Applicant's Signature: _____
 Email Address: _____
 Title/Company: _____

Print Name: _____
 Date: 11/4/15

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		<u>12-7-15 Bernard</u>

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

DPZ SETBACK INFORMATION
Front:
Rear:
Side:
Side St.:
All minimum setbacks met? <input type="checkbox"/> Yes <input type="checkbox"/> No
Is Entrance Permit Required? <input type="checkbox"/> Yes <input type="checkbox"/> No
Historic District? <input type="checkbox"/> Yes <input type="checkbox"/> No
Lot Coverage for New Town Zone:
SDP/Red-line approval date:

Filing Fee	\$ <u>100.00</u>
Permit Fee	\$
Tech Fee	\$
Excise Tax	\$
PSFS	\$
Guaranty Fund	\$ <u>50.00</u>
Add'l per Fee	\$
Total Fees	\$
Sub-Total Paid	\$
Balance Due	\$
Check	# <u>22210</u>



Office of the Health Officer
8930 Stanford Blvd., Columbia, MD 21045
Main: 410-313-6300 | Fax: 410-313-6303
TDD 410-313-2323 | Toll Free 1-866-313-6300
www.hchealth.org
Facebook: www.facebook.com/hocohealth
Twitter: HowardCoHealthDep

Maura J. Rossman, M.D., Health Officer

DATE: December 1, 2015

TO: Catonsville Homes LLC.
C/O Frank Potepan
Via-e-mail: PWALTER@CATONSVILLEHOMES.COM

RE: **Building Permit # B15004870**
12729 Milo Court
Sykesville City, Maryland 21784

Mr. Potepan,

Further review is contingent upon submission of a revised BAT plan showing the following:

- Your floor plans reflect a possible 5 bedroom house. And the BAT Plan submitted only reflects calculations for a 4 bedroom house. Please resubmit a revised BAT Plan showing calculations for 5 bedrooms. This small fix will save the homeowner money in the future if they decide to finish the basement. If you do not plan revised the plan and the calculations you must include the following note on your plans:

Note: At any time in the future a building permit is submitted to finish the area currently identified as the basement, then a septic system upgrade will be required as finishing the basement could possible create a fifth bedroom per Howard County code 3.801(B).

- The trenches proposed are > 100 feet in length and are not acceptable for installation. We recommend trenches that are < 100 feet in length. In your case, I am recommending you divide your trenches in half and design each trench at 55 feet. So you would have 2 trenches for your first installation and 2 trenches for you second installation.

Your building permit will be placed "on hold" until all Howard County Health Department requirements are met. If you have any questions or correspondence, I can be reached at the above address or by telephone at (410) 313-2775.

Respectfully,

Dana Bernard, REHS/RS
Environmental Specialist II
Well and Septic Program
Phone (410) 313-2775
E-mail: DBernard@howardcountymd.gov
cc: Well & Septic program file

Back River Pre-Cast, LLC

PO BOX 329
Glyndon, MD 21071
Phone # 410-833-3394
Fax # 410-833-4116

Letter of Certification


This is to certify that the Norweco Singulair TNT 600 GPD Septic Tank installed at 12729 Milo Ct., Sykesville, MD 21784 March 15, 2016 was installed according to the manufacture's specifications.

Installer: Walter Coon

Property Owner: Catonsville Homes

Permit #

THIS CERTIFICATION IS FOR INSTALLATION ONLY. THE 5-YEAR OPERATIONS & MAINTENANCE AGREEMENT FROM DATE OF INSTALLATION WILL ONLY GO INTO EFFECT AFTER BACK RIVER PRE-CAST, LLC RECEIVES FINAL AND FULL PAYMENT FOR THE SYSTEM.



MATTHEW GECKLE

Vice-President

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

Definition: The process of preparing the soil to sustain adequate vegetative stabilization.

Purpose: To provide a suitable soil medium for vegetative growth.

Conditions Where Practice Applies: Where vegetative stabilization is to be established.

- Criteria:**
- Soil Preparation**
 - Temporary Stabilization
 - Soil preparation consists of loosening soil to a depth of 3 to 5 inches by means of suitable 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 rippers running parallel to the contour of the slope.
 - Incorporate lime and fertilizer into the top 3 to 5 inches of soil by disking or other suitable means.
 - Permanent Stabilization
 - A soil test is required for any earth disturbance of 5 acres or more. The minimum soil conditions required for permanent vegetative establishment are:
 - pH between 6.0 and 7.0.
 - Soluble salts less than 500 parts per million (ppm).
 - Soil contains less than 40 percent clay but enough fine grained material (greater than 30 percent silt plus clay) to provide a moderate amount of moisture retention.
 - Soil contains 1.5 percent minimum organic matter by weight.
 - Soil contains sufficient pore space to permit adequate root penetration.
 - Application of amendments to soil
 - Application of amendments to soil is required on-site soils that do not meet the above conditions.
 - Graded areas must be maintained to a true and even grade as specified on the approved plan, then scarified or otherwise loosened to a depth of 3 to 5 inches. B.13
 - Apply soil amendments as specified on the approved plan or as indicated by the results of a soil test.
 - Amendments include top 3 to 5 inches of soil by disking or other suitable means. Rake areas to smooth the surface, remove large objects, and level the surface, and ready the 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 slopes 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 soil loose and friable. Seedbed loosening may be unnecessary on newly disturbed areas.

Application:

- Site Analysis:**
 - Total Area of Site
 - Area Disturbed
 - Area to be vegetated or paved
 - Area to be vegetatively stabilized
 - Total Cut
 - Total Fill

- Site Analysis:**
 - Off-site water/borrow area location
 - 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 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 event of 0.2 inch or more. The contractor, made available upon request, is part of every inspection and should include:
 - Inspection date
 - Inspection time (routine, pre-storm event, during rain event)
 - Weather information (current conditions as well as time and amount of last recorded precipitation)
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 - Identification of missing or improperly installed sediment controls
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 - Photographs
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TEMPORARY STABILIZATION SPECIFICATIONS TABLE

Hardness Zone (from Figure B.3): B0

Seed Mixture (from Table B.1):

No.	Species	Application Rate (lb/ac)	Seeding Dates	Seeding Depths	Fertilizer Rate (10-20-20)	Lime Rate
1	ANNUAL RYEGRASS	40	MAR 1 - MAY 15 AUG 1 - OCT 15	0.5 INCHES	436 lb/1000 sf	2 tons/ac
2	RYEGRASS	30	JUNE 1 - OCT 31	0.5 INCHES	(10 lb/1000 sf)	(90 lb/1000 sf)

PERMANENT STABILIZATION SPECIFICATIONS TABLE

Hardness Zone (from Figure B.3): B0

Seed Mixture (from Table B.3):

No.	Species	Application Rate (lb/ac)	Seeding Dates	Seeding Depths	N	P205	K20	Lime Rate
1	PERENNIAL BERMUDAGRASS	20	MAR 1 - MAY 15 AUG 1 - OCT 15	1/4" - 1/2" in	45 pounds per acre (1.0 lb/1000 sf)	90 lb/ac (2lb/1000 sf)	90 lb/ac (2 lb/1000 sf)	2 tons/ac (90 lb)

DUST CONTROL

DUST CONTROL METHOD FOR THIS SITE TO PREVENT BLOWING AND MOVEMENT OF DUST FROM EXPOSED SOIL SURFACES. CALCIUM CHLORIDE SHALL BE APPLIED TO EXPOSED SURFACES AT A RATE THAT WILL KEEP SURFACE MOIST UNTIL SOIL IS STABILIZED ACCORDING TO VEGETATIVE SPECS. FOR THIS SITE AND AREAS TO BE PAVED ARE COMPLETED.

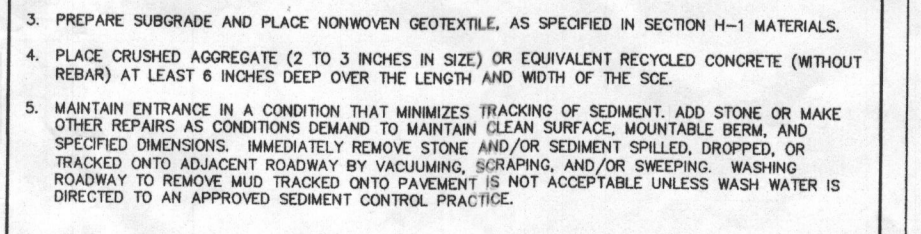
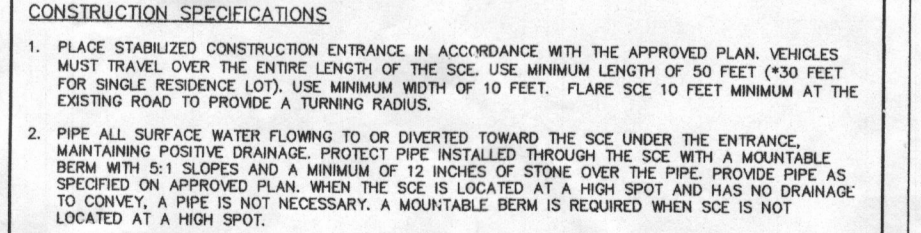
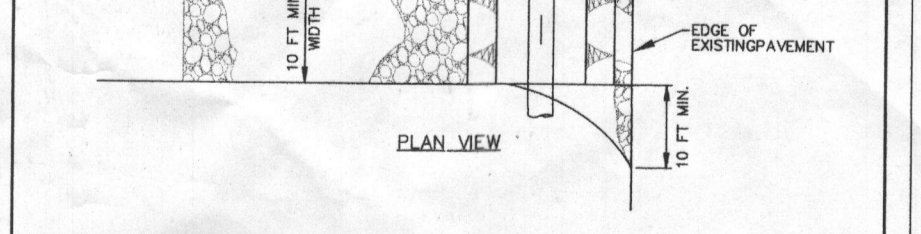
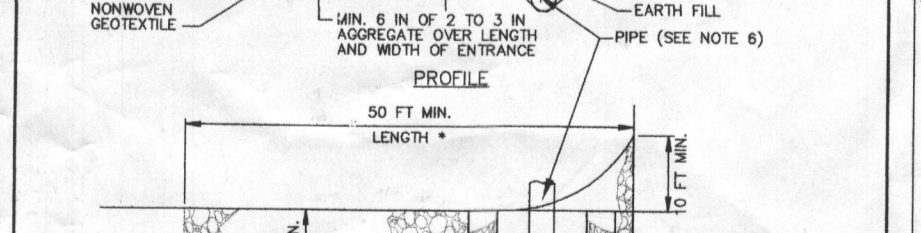
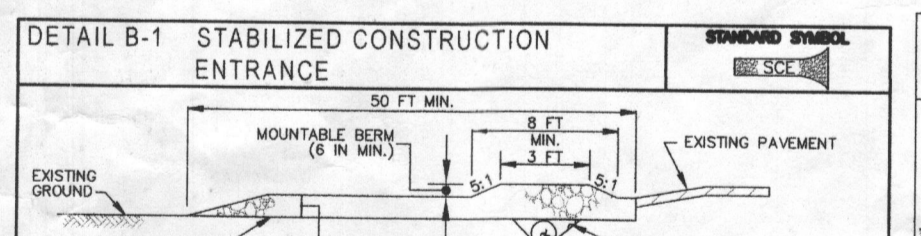
STANDARD STABILIZATION NOTE

FOLLOWING INITIAL SOIL DISTURBANCE OR RE-DISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION MUST BE COMPLETED WITHIN:

- THREE (3) CALENDAR DAYS AS TO THE SURFACE OF ALL PERMETER DRESSES, DITCHES, PERMETER SLOPES, AND ALL SLOPES STEEPER THAN 3 HORIZONTAL TO 1 VERTICAL (3:1); AND
- SEVEN (7) CALENDAR DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE NOT UNDER ACTIVE GRADING.

CONSTRUCTION SPECIFICATIONS

- PLACE STABILIZED CONSTRUCTION ENTRANCE IN ACCORDANCE WITH THE APPROVED PLAN. VEHICLES MUST TRAVEL OVER THE ENTIRE LENGTH OF THE ENTRANCE. USE MINIMUM LENGTH OF 50 FEET FOR EACH ENTRANCE. PROVIDE A MINIMUM WIDTH OF 10 FEET. PLACE SOIL TO 10 FEET MINIMUM AT THE ENTRANCE TO PROVIDE A TURNING RADIUS.
- PIPE AT SURFACE WATER FLOWING TO OR DIVERTED TOWARD THE SOIL UNDER THE ENTRANCE. MAINTAIN POSITIVE DRAINAGE. PROTECT THE ENTRANCE THROUGH THE ENTRANCE WITH A MINIMUM OF 12 INCHES OF STONE OVER THE PIPE. PROVIDE PIPE AS SPECIFIED ON APPROVED PLAN. WHEN THE USE IS LIMITED TO A HIGH SPEED TURNING MANEUVER TO CONVEY, A PIPE IS NOT NECESSARY. A MOUNTABLE BEAM IS REQUIRED WHEN SITE IS NOT LOCATED AT A HIGH SPEED.
- PREPARE SUBGRADE AND PLACE NONWOVEN GEOTEXTILE, AS SPECIFIED IN SECTION H-1 MATERIALS.
- PLACE CRUSHED AGGREGATE (2 TO 3 INCHES IN SIZE) OR EQUIVALENT RECYCLED CONCRETE (WITHOUT REBAR) AT LEAST 6 INCHES DEEP OVER THE LENGTH AND WIDTH OF THE SCE.
- MAINTAIN ENTRANCE IN CONDITION THAT MINIMIZES TRACKING OF SEDIMENT. ADD STONE OR MAKE SPECIFIED REPAIRS AS CONDITIONS DEMAND TO MAINTAIN CLEAN SURFACE. MOUNTABLE BEAM AND OTHER REPAIRS AS CONDITIONS DEMAND. IMMEDIATELY REMOVE STONE AND/OR SEDIMENT SPILLED, DROPPED, OR TRACKED ONTO ADJACENT ROADWAYS BY WASHING, BLOWING, AND/OR SWEEPING. WASHING TRACKED ONTO ADJACENT ROADWAYS IS NOT ACCEPTABLE UNLESS WASH WATER IS DIRECTED TO AN APPROVED TREATMENT FACILITY.



MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL. U.S. DEPARTMENT OF AGRICULTURE. NATURAL RESOURCES CONSERVATION SERVICE. 2011. MARYLAND DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES. WATER MANAGEMENT ADMINISTRATION.

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

Definition: The application of seed and mulch to establish vegetative cover.

Purpose: 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 (or) disturbed area not under active grading.

- Criteria:**
- Seeding**
 - Specifications
 - 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 verify type of seed and seeding rate.
 - 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.
 - Inoculants: The inoculant for treating legume seeds 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 use. Temperatures above 75 to 80 degrees Fahrenheit can weaken bacteria and make the inoculant less effective.
 - Soil of seed must 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 phytotoxic materials.
 - Application
 - Dry Seeding: This includes use of conventional drop or broadcast spreaders.
 - 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.
 - Apply seed in two directions, perpendicular to each other. Apply half the seeding rate in each direction with a weighted roller to provide good seed to soil contact. B.16
 - Drill or Cultipacker Seeding: Mechanized seeders that apply and cover seed with soil.
 - Drilling seeders are required to bury the seed in such a fashion as to provide at least 1/4 inch of soil cover. Seeded must be firm after other grading.
 - Apply seed in two directions, perpendicular to each other. Apply half the seeding rate in each direction with a weighted roller to provide good seed to soil contact. B.16
 - Drill or Cultipacker Seeding: Mechanized seeders that apply and cover seed with soil.
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 - Hydroseeding: Apply seed uniformly with hydroseeder (surely seed and fertilizer).
 - If fertilizer is being applied at the time of seeding, the application rates must not exceed the following: nitrogen, 100 pounds per acre total of soluble nitrogen; P2 O5 (phosphorous), 200 pounds per acre; K2 O (potassium), 200 pounds per acre.
 - 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.
 - Mix seed and fertilizer on site and seed immediately and without interruption.
 - When hydroseeding do not incorporate seed into the soil.

- Mulching**
 - Mulch Materials (in order of preference)
 - Grass seedling of thoroughly treated rye, oat, or barley and reasonably bright in color. Straw is free of noxious weed seeds as specified in the Maryland Seed Law and not musty, moldy, coated, decayed, or excessively dirty. Note: Use only sterile straw mulch in areas where noxious weed seeds are desired.
 - Wood Cellulose Fiber Mulch (WCFM) consisting of specially prepared wood cellulose mulch that will uniformly fibrous physical state.
 - WCFM is to be dyed green or contain a green dye that will provide an appropriate color to facilitate visual inspection of the uniformly spread slurry.
 - WCFM including dye, must contain no germination or growth inhibiting factors.
 - 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 combine with seed, fertilizer and other additives to form a homogeneous slurry. The mulch material must form a batter-like ground cover, on application, having moisture absorption and retention properties and must cover and hold ground and soil particles in place without inhibiting the growth of the grass seedlings.
 - WCFM material must not contain elements or compounds at concentration levels that will be phytotoxic.
 - 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. B.17
 - Application
 - Apply mulch to all seeded areas immediately after seeding.
 - 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 rate of application to 2.5 tons per acre.
 - 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.
 - Anchoring
 - Perform mulch anchoring immediately following application of mulch to minimize loss by wind and 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 using a mulch anchor, this practice should follow the contour.
 - Wood cellulose fiber may be used for anchoring straw. Apply the fiber under a net dry weight of 750 pounds per acre. Mix the wood cellulose fiber with water at a rate of 30 pounds of wood cellulose fiber per 100 gallons of water.
 - Synthetic binders such as Acrylic DLR (Ago-Tack), DRA-70, Petro-Terra Tex II, Terra Seal 95 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. Use of asphalt emulsion is strictly prohibited.
 - Lightweight plastic netting may be applied 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.

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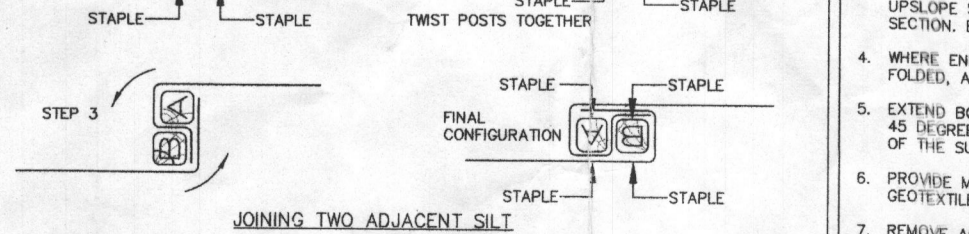
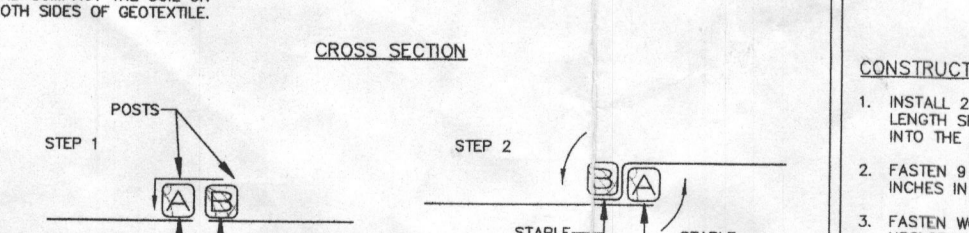
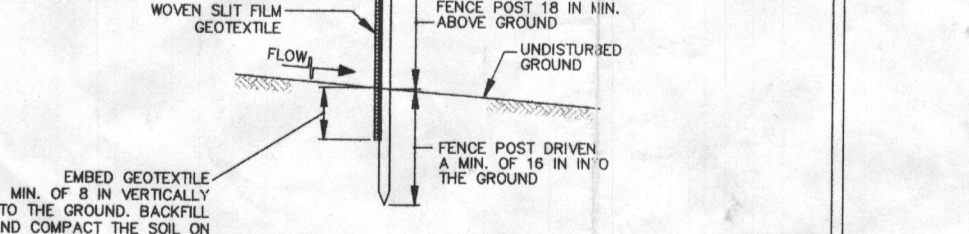
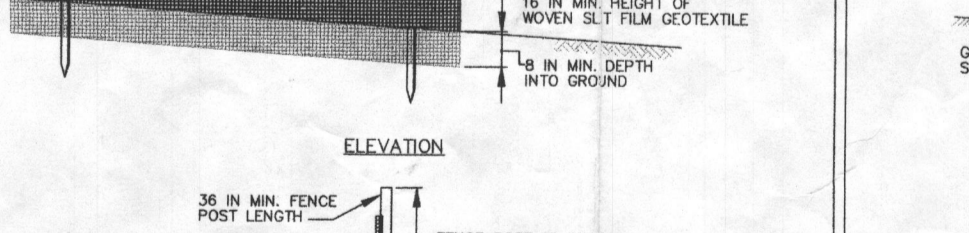
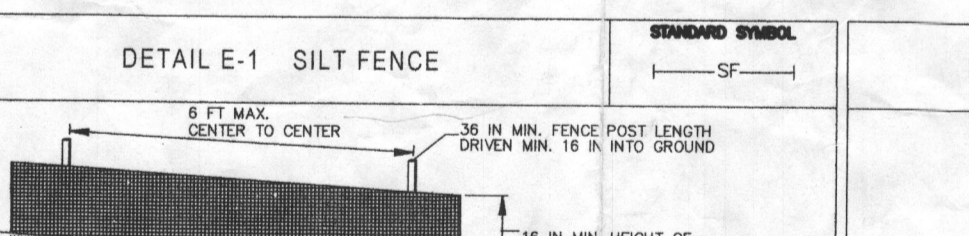
STANDARD STABILIZATION NOTE

FOLLOWING INITIAL SOIL DISTURBANCE OR RE-DISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION MUST BE COMPLETED WITHIN:

- THREE (3) CALENDAR DAYS AS TO THE SURFACE OF ALL PERMETER DRESSES, DITCHES, PERMETER SLOPES, AND ALL SLOPES STEEPER THAN 3 HORIZONTAL TO 1 VERTICAL (3:1); AND
- SEVEN (7) CALENDAR DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE NOT UNDER ACTIVE GRADING.

CONSTRUCTION SPECIFICATIONS

- PLACE STABILIZED CONSTRUCTION ENTRANCE IN ACCORDANCE WITH THE APPROVED PLAN. VEHICLES MUST TRAVEL OVER THE ENTIRE LENGTH OF THE ENTRANCE. USE MINIMUM LENGTH OF 50 FEET FOR EACH ENTRANCE. PROVIDE A MINIMUM WIDTH OF 10 FEET. PLACE SOIL TO 10 FEET MINIMUM AT THE ENTRANCE TO PROVIDE A TURNING RADIUS.
- PIPE AT SURFACE WATER FLOWING TO OR DIVERTED TOWARD THE SOIL UNDER THE ENTRANCE. MAINTAIN POSITIVE DRAINAGE. PROTECT THE ENTRANCE THROUGH THE ENTRANCE WITH A MINIMUM OF 12 INCHES OF STONE OVER THE PIPE. PROVIDE PIPE AS SPECIFIED ON APPROVED PLAN. WHEN THE USE IS LIMITED TO A HIGH SPEED TURNING MANEUVER TO CONVEY, A PIPE IS NOT NECESSARY. A MOUNTABLE BEAM IS REQUIRED WHEN SITE IS NOT LOCATED AT A HIGH SPEED.
- PREPARE SUBGRADE AND PLACE NONWOVEN GEOTEXTILE, AS SPECIFIED IN SECTION H-1 MATERIALS.
- PLACE CRUSHED AGGREGATE (2 TO 3 INCHES IN SIZE) OR EQUIVALENT RECYCLED CONCRETE (WITHOUT REBAR) AT LEAST 6 INCHES DEEP OVER THE LENGTH AND WIDTH OF THE SCE.
- MAINTAIN ENTRANCE IN CONDITION THAT MINIMIZES TRACKING OF SEDIMENT. ADD STONE OR MAKE SPECIFIED REPAIRS AS CONDITIONS DEMAND TO MAINTAIN CLEAN SURFACE. MOUNTABLE BEAM AND OTHER REPAIRS AS CONDITIONS DEMAND. IMMEDIATELY REMOVE STONE AND/OR SEDIMENT SPILLED, DROPPED, OR TRACKED ONTO ADJACENT ROADWAYS BY WASHING, BLOWING, AND/OR SWEEPING. WASHING TRACKED ONTO ADJACENT ROADWAYS IS NOT ACCEPTABLE UNLESS WASH WATER IS DIRECTED TO AN APPROVED TREATMENT FACILITY.



MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL. U.S. DEPARTMENT OF AGRICULTURE. NATURAL RESOURCES CONSERVATION SERVICE. 2011. MARYLAND DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES. WATER MANAGEMENT ADMINISTRATION.

STANDARD SEDIMENT CONTROL NOTES

meeting must occur with the Howard County Department of Public Works, Construction Inspection Division (CID), 410-313-1855 after the future LOD and protected area marked clearly in the field. A minimum of 48 hour notice to CID must be given to the following stages:

- Prior to the start of earth disturbance.
 - Upon completion of the installation of perimeter erosion and sediment controls, but before proceeding with any other earth disturbance or grading.
 - Prior to the start of another phase of construction or opening of another grading unit, to ensure coordination and to avoid conflicts with this plan.
 - Prior to the removal or modification of sediment control practices.
- Other building or grading inspection approvals may not be authorized until this initial approval by inspection agency is made. Other related state and federal permits shall be referred to, to ensure coordination and to avoid conflicts with this plan.
- All vegetative 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 re-disturbance, permanent or temporary stabilization is required within three (3) calendar days to the surface of all perimeter controls, dikes, swales, ditches, perimeter slopes, and all slopes steeper than 3 horizontal to 1 vertical (3:1); and seven (7) calendar days to all other disturbed areas on the project site except for those areas under active grading.
 - 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 TOPSOIL (Sec. B-4-2), permanent seeding (Sec. B-4-5), temporary seeding (Sec. B-4-4) and mulching (Sec. B-4-3). Temporary stabilization (Sec. B-4-8) in excess of 200 ft. must be mulched with stable mulch. All concentrated flow, steep slopes, and highly erodible areas shall receive soil stabilization matting in (Sec. B-4-6).
 - All sediment control structures are to remain in place and are to be maintained in operative condition until permanent structures for their removal has been obtained from the CID.
 - Site Analysis:
 - Total Area of Site
 - Area Disturbed
 - Area to be vegetated or paved
 - Area to be vegetatively stabilized
 - Total Cut
 - Total Fill
 - Off-site water/borrow area location
 - 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 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 event of 0.2 inch or more. The contractor, made available upon request, is part of every inspection and should include:
 - Inspection date
 - Inspection time (routine, pre-storm event, during rain event)
 - Weather information (current conditions as well as time and amount of last recorded precipitation)
 - Date description of project's status (e.g. percent complete) and/or current activities
 - Evidence of sediment discharges
 - Identification of plan deficiencies
 - Identification of sediment controls that require maintenance
 - Identification of missing or improperly installed sediment controls
 - Compliance status regarding the sequence of construction and stabilization requirements
 - Photographs
 - Monitoring/sampling
 - Maintenance and/or corrective action performed
 - Other inspection items as required by the General Permit for Stormwater Associated with Construction Activities (NPDES, MDE).

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TEMPORARY STOCKPILE NOTE

SITE EARTHWORK HAS BEEN BALANCED SUCH THAT A TEMPORARY STOCKPILE SHOULD NOT BE NECESSARY. SHOULD CONTRACTOR DECIDE TO USE A STOCKPILE, SHOULD CONTRACTOR PLACE STOCKPILE WITHIN THE ORIGINALLY APPROVED LOD, AND FOLLOW TEMPORARY STABILIZATION NOTES.

The stockpile area must continuously meet the requirements for Adequate Vegetative Establishment in accordance with Section B-4 Vegetative Stabilization. Side slope must be maintained at no steeper than a 2:1 ratio. The stockpile area must be kept free of erosion. If the vertical height of a stockpile exceeds 30 feet for 2:1 slopes, 30 feet for 3:1 slopes, or 40 feet for 4:1 slopes, benching must be provided in accordance with Section B-3 Land Grading.

SEQUENCE OF CONSTRUCTION

- OBTAIN ALL REQUIRED GRADING, MDE PERMITS, APPROVALS AND LICENSES FROM APPROPRIATE AGENCIES.
- NOTIFY SEDIMENT CONTROL INSPECTOR AT LEAST THREE (3) WORKING DAYS PRIOR TO STARTING WORK.
- INSTALL STABILIZED CONSTRUCTION ENTRANCE, SILT FENCE AND OTHER SEDIMENT CONTROL DEVICES AS SHOWN IN THE SEDIMENT CONTROL PLAN.
- STABILIZE ALL THE GRADED AREAS UP TO 20' OUTSIDE OF THE LIMIT OF GRADING AS PER PERMANENT SEEDING NOTES.
- EXCAVATE HOUSE FOUNDATION, HOUSE CONSTRUCTION, UTILITIES AND INSTALL SEPTIC.
- ANY AREAS THAT CAN BE TEMPORARILY SEED DURING CONSTRUCTION