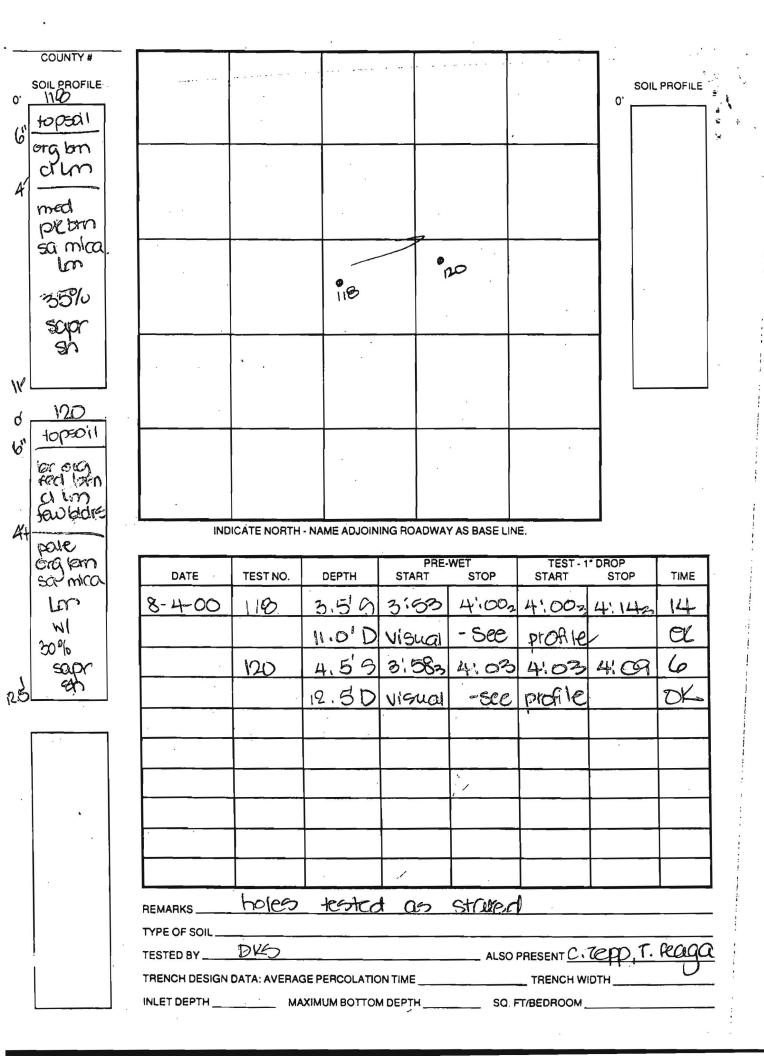
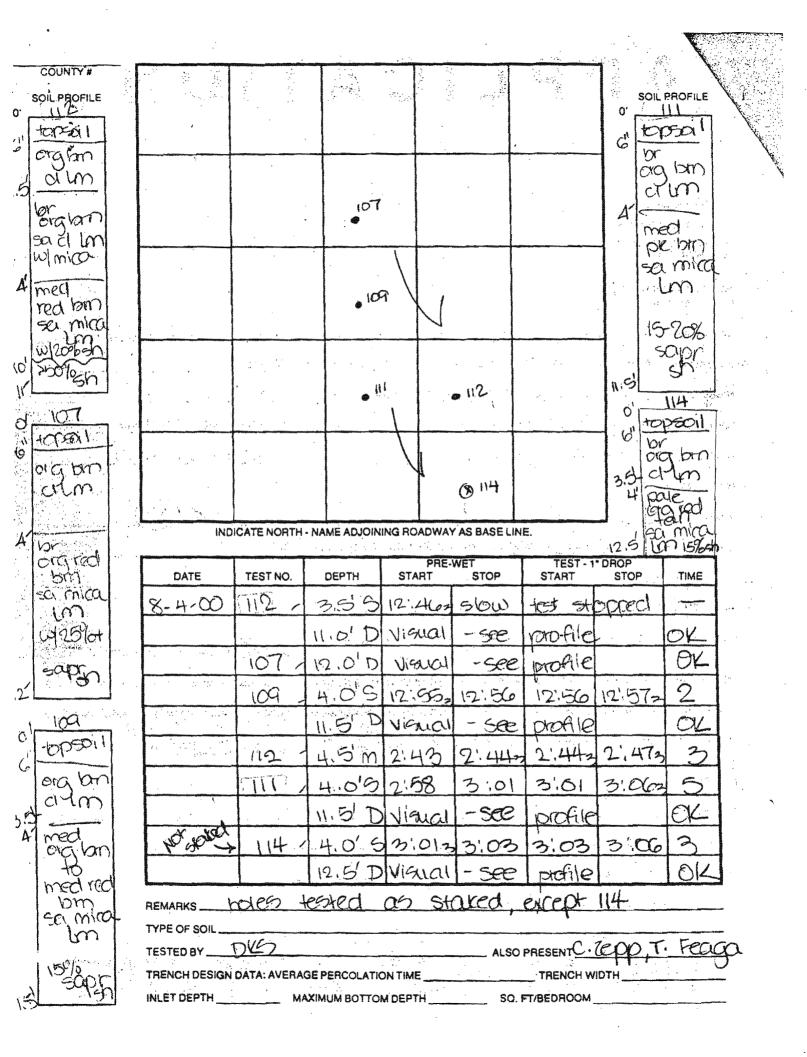
APPLICATION

PERCOLATION TESTING HOWARD COUNTY HEALTH DEPARTMENT DISTRICT BUREAU OF ENVIRONMENTAL HEALTH 3525-H ELLICOYT MILLS DRIVE/ELLICOYT CITY, MARYLAND 21043 DATE **TELEPHONE: 313-2640** TO: THE COUNTY HEALTH OFFICER ELLICOTT CITY, MARYLAND I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM. PROPERTY OWNER Jared T. Healy, Trustee and M. Charlotte Powel, Trustee ADDRESS 10715 Charter Dr., Columbia, MD 21044 PHONE 410-730-4545 AGENT OR PROSPECTIVE BUYER Floyd Lane, L.L.C. CONTACT: Tim Feaga, Heritage Land Develor PHONE 410-489-7900, ext. 11 ADDRESS P.O. Box 999, Columbia, MD 21044 PROPERTY LOCATION: SUBDIVISION ROAD AND DESCRIPTION Buckskin Woods Drive, Ellicott City, MD 21042 TAX MAP 22 PARCEL # 77, 283 and 74 SIZE OF LOT 1 acre (SINGLE FAMILY DWELLING OR COMMERCIAL) THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY GIRCUMSTANCES. I ANSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS INTESTING THIS LOT. ___ DATE APPROVED BY ___ _____FOR DISAPPROVED BY HOLD PENDING FURTHER TESTS_ REASONS FOR REJECTION OR HOLDING ____ PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # ____ SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # ___

THIS IS NOT A PERMIT

HD-216 (3/92)





APPLICATION

PERCOLATION TESTING

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HOWARD COUNTY HEALTH DEPARTMENT		DISTRI	СТ	
BUREAU OF ENVIRONMENTAL HEALTH		DISTITU	o	
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043 ··· TELEPHONE: 313-2640		DA	TE	
TO: THE COUNTY HEALTH OFFICER ELLICOTT CITY, MARYLAND		er er	*.	
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PROPERTYOWNER Jared T. Healy, Trustee and M. Charlott	e Powel, T	ru <u>stee</u>	 	
ADDRESS 10715 Charter Dr., Columbia, MD 21044	PHONE4	10-730-4545		· · ·
AGENT OR PROSPECTIVE BUYER Floyd Lane, L.L.C.	CONTACT:	Tim Feaga,	Heritage	Land Deve
ADDRESS P.O. Box 999, Columbia, MD 21044	PHONE	410-489-79	00, ext.]	
PROPERTY LOCATION:	i.	*		
SUBDIVISION	LOT NO.	26	(29)	
TAX MAP 22 PARCEL # 77, 283 and 74				
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REASONS FOR REJECTION OR HOLDING	· · · · · · · · · · · · · · · · · · ·			
PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. #			_	
SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. #		DATE		. <u> </u>

THIS IS NOT A PERMIT

HD-216 (3/92)

COUNTY # SOIL PROFILE SOIL PROFILE 121 0, 0, topsoil 6" org brn CILM 3.5 med ag 121 30, mila 208/0+ 10 0 122 2 120 122 0 1050il org red Fin Cl IM INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE. br era rod -PRE-WET TEST - 1" DROP TEST NO. DEPTH DATE STOP TIME START START STOP -10 14 100m 121 FAIL 13.0 D Visual 8-14-00 Sec Drofile sa mira 3 4.0 3 11:22 122 Lm 11:203 11:233 15%+ OK 13.00 Vigual profile - 500 13.0'D visual profile 122) -see 4.0'94:25 121 teest Stoppio 1 iardot 7.5 M 4:263 4:273 4:27 ad pu 15 123 CITAL **A.S** med bri soumica tested as staked notes REMARKS_ TYPE OF SOIL_ ___ ALSO PRESENT CITUPD, T. FEO TESTED BY_ red bor sq mica TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _ TRENCH WIDTH INLET DEPTH __ MAXIMUM BOTTOM DEPTH _____ SQ. FT/BEDROOM 13)

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APPLICATION

PERCOLATION TESTING HOWARD COUNTY HEALTH DEPARTMENT DISTRICT BUREAU OF ENVIRONMENTAL HEALTH 3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043 DATE TELEPHONE: 313-2640 TO: THE COUNTY HEALTH OFFICER ELLICOTT CITY, MARYLAND I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM. PROPERTY OWNER Jared T. Healy, Trustee and M. Charlotte Powel, Trustee PHONE 410-730-4545 10715 Charter Dr., Columbia, MD 21044 AGENT OR PROSPECTIVE BUYER Floyd Lane, L.L.C. CONTACT: Tim Feaga, Heritage Land Develor 410-489-7900, ext. 11 P.O. Box 999, Columbia, MD 21044 PROPERTY LOCATION: SUBDIVISION Buckskin Woods Drive, Ellicott City, MD 21042 PARCEL # 77, 283 and 74 (SINGLE FAMILY DWELLING OR COMMERCIAL) THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I AUSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS INTESTING THIS LOT. . APPROVED BY DISAPPROVED BY REASONS FOR REJECTION OR HOLDING PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # SITE DEVELOPMENT PLANFINAL PLAT - TITLE OR I.D. #

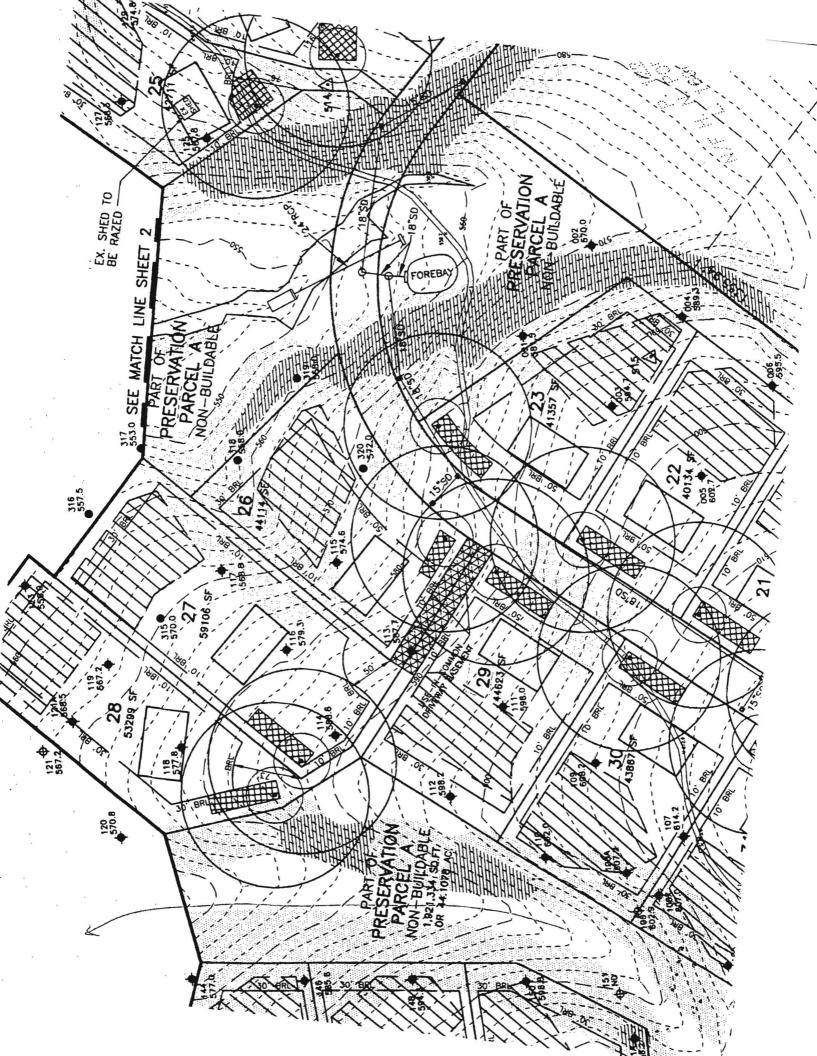
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HD-216 (3/92)

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), (d	20/0 20/0 50pr 155 topsoil 40/00		8 - 4-00	110-	4.0'5 12.0'D 11.0'D 4.0'S 12.5'D 12.5D 4.0'S	START 3:093 VISUAL VISUAL 3:203 VISUAL VISUAL VISUAL	3:11 - See - See - See - See - See	START 3:11 PROFILE INTOFILE PROFILE 1006118	121 DROP STOP 3', 13	TIME 2 OK OK OK OK OK OK OK OK	
	20/0 Sapr 20/0 Sapr topsoil ag lorn secure pale px tonic		8 - 4-00	110-	4.0'5 12.0'D 11.0'D 4.0'S 12.5'D 12.5D 4.0'S	START 3',099 VISUAL VISUAL VISUAL VISUAL VISUAL VISUAL VISUAL	3:11 - See - See - See - See - See	TEST-1° START 3:11 PROFILE INVOFILE PROFILE OTOFILE 3:31 DOFILE	121 DROP STOP 3', 13	TIME 2 OK OK OK OK OK OK OK OK	
	Solo Sopr Sopr Sopr Solo Sopr Solo Solo Solo Solo Solo Solo Solo Solo		REMARKS TYPE OF SOIL	110 - 117 - 115 - -119 -	4.0'5 12.0'D 11.0'D 4.0'S 12.5'D 12.5'D 4.0'S 12.0'D	START 3',099 VISUAL VISUAL VISUAL VISUAL VISUAL VISUAL VISUAL	5.11 - See - Cee 3:20 - See - See - See - See	TEST-1° START 3:11 PROFILE INTOFILE 3:31 PROFILE	121 DROP STOP 3', 13	TIME 2 OK OK OK OK OK OV 3 OV	Han (1 + 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	20/0 Sapr 20/0 Sapr topsoil ag lorn secure pale px tonic		REMARKS TYPE OF SOIL TESTED BY TRENCH DESIGN	110 - 117 - 115 - 119 - 100 -	4.0'5 12.0'D 11.0'D 4.0'S 12.5'D 4.0'S 12.0'D 4.0'S	START 3',093 VISUAL VISUAL JIGUAL JIGUAL	570P 3:11 - See 3:11 - See 3:18 - See 3:31 - See 5:31 - See	TEST 1' START 3:11 PROFILE INTOFILE OFFICE OFFICE OFFICE OFFICE TRENCH W	121 DROP STOP 3', 13	TIME 2 OK OK OK OK OK OK OK T. Feor	<u>-</u>
	20/0 Sapr 20/0 Sapr topsoil ac ser par topsoil ac ser par topsoil		REMARKS TYPE OF SOIL TESTED BY	110 - 117 - 115 - 119 - 10ATA AVERAC	4.0'5 12.0'D 11.0'D 4.0'S 12.5'D 12.5'D 4.0'S 12.0'D	START 3',093 VISUAL VISUAL JIGUAL JIGUAL	570P 3:11 - See - See 3:36 - See - See 5:31 - See TOKED	TEST-1" START 3:11 PROFILE INTOFILE OTOFILE OTOFILE OTOFILE OTOFILE OTOFILE OTOFILE OTOFILE OTOFILE	(2) DROP STOP 3', 13	TIME 2 OK OK OK OK OK OK T. Feak	Han (1 + 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1





ACCORDING TO THE PROVISIONS OF THIS PLAN AND ARE TO BE IN CONFORMANCE WITH THE MOST CURRENT MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL AND REVISIONS THERETO. FOLLOWING INITIAL SOIL DISTURBANCE OR RE-DISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: a) 7

CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES DIKES, PERIMETER SLOPES AND ALL SLOPES STEEPER THAN 3:1, b) 14 DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE. ALL SEDIMENT TRAPS/BASINS SHOWN MUST BE FENCED AND WARNING SIGNS POSTED AROUND THEIR PERIMETER IN ACCORDANCE WITH VOL. CHAPTER 12, OF THE HOWARD COUNTY DESIGN MANUAL, STORM DRAINAGE

ALL DISTURBED AREAS MUST BE STABILIZED WITHIN THE TIME PERIOD SPECIFIED ABOVE IN ACCORDANCE WITH THE 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR PERMANENT SEEDING (SEC. 51), SOD (SEC. 54), TEMPORARY SEEDING (SEC. 50), AND MULCHING (SEC. 52). TEMPORARY STABILIZATION WITH MULCH ALONE CAN ONLY BE DONE WHEN RECOMMENDED SEEDING DATES DO NOT ALLOW FOR PROPER

> 1.024 ACRES 0.434 ACRES

> 0.100 ACRES

GERMINATION AND ESTABLISHMENT OF GRASSES.
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.

7) SITE ANALYSIS: TOTAL AREA OF SITE
AREA DISTURBED AREA TO BE ROOFED OR PAVED AREA TO BE VEGETATIVELY STABILIZED

2.71 CU.YDS. 165 CU.YDS. OFFSITE WASTE/BORROW AREA LOCATION 3) 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

BY THE INSPECTION AGENCY IS MADE. D TRENCHES FOR THE CONSTRUCTION OF UTILITIES IS LIMITED TO THREE PIPE LENGHTS OR THAT WHICH SHALL BE BACK-FILLED AND STABILIZED WITHIN ONE WORKING DAY, WHICHEVER IS SHORTER.

DISTURBANCE OR GRADING. OTHER BUILDING OR GRADING INSPECTION

APPROVALS MAY NOT BE AUTHORIZED UNTIL THIS INITIAL APPROVAL

SEQUENCE OF CONSTRUCTION

1. OBTAIN GRADING PERMIT. 2. INSTALL SEDIMENT CONTROLS AS SHOWN ON PLAN. (1 day) 3. PERFORM NECESSARY GRADING AND STABILIZE THE SITE. (2 days) 4. CONSTRUCT DWELLING ON SITE. (90 days)

5. AFTER THE SITE IS STABILIZED AND PERMISSION IS GRANTED FROM THE SEDIMENT CONTROL INSPECTOR, REMOVE SEDIMENT CONTROLS AND STABILIZE ANY REMAINING DISTURBED AREAS. TEMPORARY SEEDING NOTES

APPLY TO GRADED OR CLEARED AREAS LIKELY TO BE REDISTURBED WHERE A SHORT-TERM VEGETATIVE COVER IS NEEDED. SEEDBED PREPARATION:

LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING. IF NOT PREVIOUSLY LOOSENED.

SOIL AMENDMENTS: APPLY 600 LBS. PER ACRE 10-10-10 FERTILIZER (14 LBS./1000 SQ. FT.)

FOR THE PRERIODS MARCH 1 THROUGH APRIL 30, AND AUGUST 15 THROUGH NOVEMBER 15, SEED WITH 1 1/2 BUSHEL PER ANNUAL RYE (3.2 LB5./1,000 5Q.FT.)FOR THE PERIOD MAY 1 THRU AUGUST 14

SEED WITH 3 LBS/ACRE OF WEEPING LOVEGRASS (.07 LBS/10005Q.FT.). FOR THE PERIOD NOVEMBER 16 THRU FEBRUARY 28. PROTECT SITE BY APPLYING 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING, OR USE SOD. APPLY 1 1/2 TO 2 TONS PER ACRE (70 TO 90 LBS./1,000 5Q.FT.)

OF UNPOTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 218 GALLONS PER ACRE (5 GAL./1,000 SQ.FT.) OF EMULSIFIED ASPHALT ON FLAT ACRES. ON SLOPES 8 FEET OR HIGHER, USE 348 GALLONS PER ACRE (8 GAL./1,000 SQ.FT.) FOR ANCHORING. REFER TO THE 1988 MARYLAND STANDARDS AND SPECIFICATION FOR SOII EROSION AND SEDIMENT CONTROL FOR RATE AND METHODS NOT COVERED. PERMANENT SEEDING NOTES

ALL DISTURBED AREAS SHALL BE STABILIZED AS FOLLOWS

LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING. SOIL AMENDMENTS:

APPLY TWO TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS/ 1,000 SQ.FT.) AND 600 LBS. PER ACRE 0-20-20 FERTILIZER (14 LBS./1.000 SQ.FT.) BEFORE SEEDING HARROW OR DISC. INTO UPPER THREE INCHES OF SOIL. AT TIME OF SEEDING, APPLY 400 LBS. PER ACRE 38-0-0 UREAFORM FERTILIZER (9 LBS./1,000 SQ.FT.) AND 500 LBS. PER ACRE (11.5 LBS./ 1,000 5Q.FT.) OF 10-20-20 FERTILIZER.

FOR THE PERIODS MARCH 1 THROUGH APRIL 30, AND AUGUST 1 THROUGH OCTOBER 15, SEED WITH 100 LBS. PER ACRE (2.3 LBS./1.000 SQ.FT.) OF KENTUCKY 31 TALL FESCUE, FOR THE PERIOD MAY 1 THROUGH JULY 31, SEED WITH 60 LBS/ACRE (1.4 LB5./1,000 SQ.FT.) KENTUCKY 31 TALL FESCUE AND 2 LB5. PER ACRE (0.05 LB5./1,000 SQ.FT.) OF WEEPING LOVEGRASS. DURING THE PERIOD OF OCTOBER 16' THROUGH FEBRUARY 28. PROJECT SITE BY: OPTION (1) - TWO TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING; OPTION (2) - USE SOO; OPTION (3) - SEED WITH 100 LBS./ACRE KENTUCKY 31 TALL FESCUE AND MULCH WITH TWO TONS/ACRE WELL ANCHORED STRAW. ALL SLOPES SHOULD

MULCHING: APPLY 1 1/2 TO 2 TONS PER ACRE (10 TO 90 LBS./1,000 SQ.FT.) OF UNROTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING.

ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING 200 GALLONS PER ACRE (5 GAL./1,000 SQ.FT.) OF EMULSIFIED ASPHALT ON FLAT ACRES. ON SLOPES & FEET OR HIGHER USE 348 GALLONS PER ACRE (8 GAL./1,000 SQ.FT.) FOR ANCHORING.

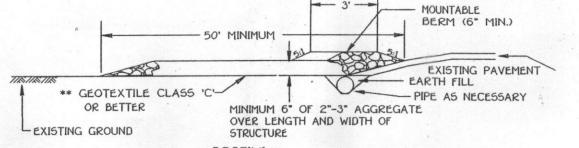
MAINTENANCE: INSPECT ALL SEEDED AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDINGS

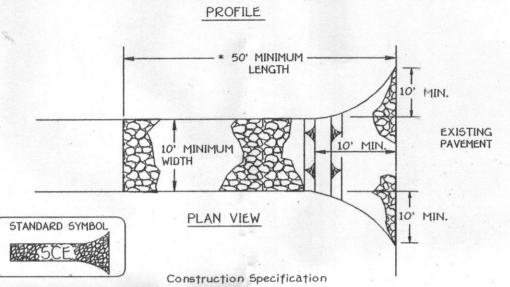
* FOR PUBLIC PONDS SUBSTITUTE CHEMUNG CROWNVETCH AT 15 LBS./ACRE AND KENTUCKY 31 TALL FESCUE AT 40 LBS/ACRE AS THE SEEDING REQUIREMENT. OPTIMUM SEEDING DATE FOR THIS MIXTURE IS MARCH 1 TO APRIL 30.

TOPSOIL SPECIFICATIONS - SOIL TO BE USED AS TOPSIOL MUST MEET THE FOLLOWING TOPSIOL SHALL BE A LOAM, SANDY LOAM, CLAY LOAM, SILT LOAM, SANDY CLAY LOAM, LOAMY SAND OTHER SOILS MAY BE USED IF RECOMMENDED BY AN AGRONOMIST OR SOIL SCIENTIST AND APPROVED BY THE APPROPRIATE APPROVAL AUTHORITY. REGARDLESS, TOPSOIL SHALL NOT BE A MIXTURE OF CONTRASTING TEXTURE SUBSOILS AND SHALL CONTAIN LESS THAN 5 % BY VOLUME OF CINDERS, STONES, SLAG, COARSE FRAGMENTS, GRAVEL, STICKS, ROOTS TRASH, OR OTHER MATERIALS LARGER THAN 1 1/2" IN DIAMETER.

TOPSOIL MUST BE FREE OF PLANTS OR PLANT PARTS SUCH AS BERMUDA GRASS, QUACKGRASS, JOHNSONGRASS, NUTSEDGE, POISON IVY, THISTLE, OR OTHERS AS SPECIFIED.

WHERE THE TOPSOIL IS EITHER HIGHLY ACIDIC OR COMPOSED OF HEAVY CLAYS, GROUND LIMESTONE SHALL BI SPREAD AT THE RATE OF 4-8 TONS/ACRE (200-400 POUNDS PER 1,000 SQUARE FEET) PRIOR TO THE PLACEMENT OF TOPSOIL. LIME SHALL BE DISTRIBUTED UNIFORMLY OVER DESIGNATED AREAS AND WORKED INTO THE SOIL IN CONJUNCTION WITH TILLAGE OPERATIONS AS DESCRIBED IN THE FOLLOWING PROCEDURES.





1. Length - minimum of 50' (*30' for single residence lot). 2. Width - 10' minimum, should be flared at the existing road to provide a turning

3. Geotextile fabric (filter cloth) shall be placed over the existing ground prior to placing stone. **The plan approval authority may not require single family

4. Stone - crushed aggregate (2" to 3") or reclaimed or recycled concrete equivalent shall be placed at least 6" deep over the length and width of the

5. Surface Water - all surface water flowing to or diverted toward construction entrances shall be piped through the entrance, maintaining positive drainage. Pipe installed through the stabilized construction entrance shall be protected with a mountable berm with 5:1 slopes and a minimum of 6" of stone over the pipe. Pipe has to be sized according to the drainage. When the SCE is located at a high spot and has no drainage to convey a pipe will not be necessary. Pipe should be sized according to the amount of runoff to be conveyed. A 6" minimum will be required. 6. Location - A stabilized construction entrance shall be located at every point where construction traffic enters or leaves a construction site. Vehicles leaving the site must travel over the entire length of the stabilized construction entrance.

STABILIZED CONSTRUCTION ENTRANCE - 2

NOT TO SCALE SUPER SILT FENCE NOTE: FENCE POST SPACING 10' MAXIMUM CHAIN LINK FENCING FLOW FILTER CLOTH -EMBED FILTER CLOTH 8"
MINIMUM INTO GROUND

1. Fencing shall be 42" in height and constructed in accordance with the for a 6' fence shall be used, substituting 42" fabric and 6' length

The lower tension wire, brace and truss rods, drive anchors and post caps are not required except on the ends of the fence. 3. Filter cloth shall be fastened securely to the chain link fence with ties spaced 4. Filter cloth shall be embedded a minimum of 8° into the ground.

6. Maintenance shall be performed as needed and silt buildups removed when "bulges" develop in the silt fence, or when silt reaches 50% of fence height 7. Filter cloth shall be fastened securely to each fence post with wire ties or staples at top and mid section and shall meet the following requirements for

50 lbs/in (min.)

5. When two sections of filter cloth adjoin each other, they shall be overlapped

Tensile Strength Tensile Modulus 0.3 gal/ft /minute (max.) Test: MSMT 322 Test: MSMT 322

TEMPORARY SEEDING NOTES

APPLY TO GRADED OR CLEARED AREAS LIKELY TO BE REDISTURBED WHERE A SHORT-TERM VEGETATIVE COVER IS NEEDED.

LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING, IF NOT PREVIOUSLY

APPLY 600 LBS. PER ACRE 10-10-10 FERTILIZER (14 LBS./ 1,000 SQ.FT.)

FOR THE PERIODS MARCH 1 THROUGH APRIL 30, AND AUGUST 15 THROUGH NOVEMBER 15, SEED WITH 17 BUSHEL PER ACRE OF ANNUAL RYE (3.2 LB5./ACRE OF WEEPING LOVEGRASS (.07 LB5./1,000 SQ.FT. FOR THE PERIOD NOVEMBER 16 THRU FEBRUARY 28, PROTECT SITE BY APPLYING 2 TONS PER ACRE OF WELL INCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE

APPLY 1 TO 2 TONS PER ACRE (70 TO 90 LB5./1,000 SQ.FT.)
OF UNROTTED SMALL GRAIN 5TRAW IMMEDIATELY AFTER SEEDING.
ANCHORING TOOL OR 210 GALLONS PER ACRE (5 GAL.1,000 SQ.FT.)
OF EMULSIFIED ASPHALT ON FLAT ACRES ON SLOPES 0 FEET OR
HIGHER, USE 340 GALLONS PER ACRE (0 GAL./1,000 SQ.FT.) FOR

REFER TO THE 1900 MARYLAND STANDARDS AND SPECIFICATION FOR SOIL EROSION AND SEDIMENT CONTROL FOR RATE AND METHODS NOT

PERMANENT SEEDING NOTES

ALL DISTURBED AREAS SHALL BE STABILIZED AS FOLLOWS: SEEDBED PREPARATION:

LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING. SOIL AMENDMENTS:

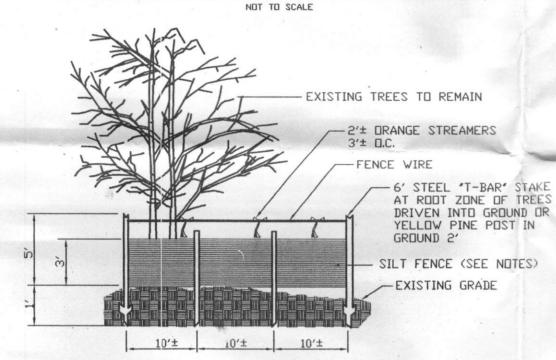
APPLY TWO TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS 1,000 SQ.FT.) AND 600 LBS. PER ACRE 0-20-20 FERTILIZER (14 LBS./1,000 SQ.FT.) BEFORE SEEDING HARROW OR DISC. INTO UPPER THREE INCHES OF SOIL. AT TIME OF SEEDING, APPLY 400 LBS. PER ACRE. 30-0-0 UREAFORM FERTILIZER (9 LBS./1,000 SQ.FT.) AND 500 LBS. PER ACRE (11.5 LBS./1,000 SQ.FT.) OF 10-20-20 FERTILIZER.

FOR THE PERIODS MARCH I THROUGH APRIL 30, AND AUGUST FOR THE PERIODS MARCH I THROUGH APRIL 30, AND AUGUST I THROUGH OCTOBER IS, SEED WITH 100 LBS. PER ACRE (2.3 LBS./1,000 SQ.FT.) OF KENTUCKY 31 TALL FESCUE, FOR THE PERIOD MAY I THROUGH JULY 31, SEED WITH 60 LBS/ACRE (1.4 LBS./1,000 SQ.FT.) KENTUCKY 31 TALL FESCUE AND 2 LBS. PER ACRE (0.05 LES./1,000 SQ.FT.) OF WEEPING LOVEGRASS. DURING THE PERIOD OF OCTOBER 16 THROUGH FEBRUARY 20. PROJECT SITE BY: OPTION (1) - TWO TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING; OPTION (2) - USE SOO; CPTION (3) - SEED WITH 100 LBS./ACRE KENTUCKY 31 TALL FESCUE AND MULCH WITH TWO TONS/ACRE WELL ANCHORED STRAW. ALL SLOPES SHOULD BE HYDROSEEDED.

APPLY 1 TO 2 TONS PER ACRE (10 TO 90 LBS./1,000 SQ.FT.)
OF UNROTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING.
ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING 200
GALLONS PER ACRE (5 GAL./1,000 SQ.FT.) OF EMULSIFIED
ASPHALT ON FLAT ACRES. ON SLOPES Ø FEET OR HIGHER USE
340 GALLONS PER ACRE (13 GAL./1,000 SQ.FT.) FOR ANCHORING.

INSPECT ALL SEEDED AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDINGS. * FOR PUBLIC PONDS SUBSTITUTE CHEMUNG CROWNVETCH AT 15 LBS./ACRE AND KENTUCKY 31 TALL FESCUE AT 40 LBS/ACRE AS THE SEEDING REQUIRMENT. OPTIMUM SEEDING DATE FOR THIS MIXTURE IS MARCH 1 TO APRIL 30.

SILT FENCE AND TREE PROTECTION



1. Silt Fence to be heeled into the soil.

. Wire, snow fence, etc. for tree protection only. . Boundaries of Retention Area will be established as part of the forest

conservation plan review process. 4. Boundaries of Retention Area should be staked and flagged prior to installing device.

5. Avoid root damage when placing anchor posts. . Device should be properly maintained throughout construction. 7. Protection signs are also required, see Figure C-4. 8. Locate fence outside the Crictical Root Zone.

The existing well shown on this plan HO 94 3165 has been field located by Fisher, Collins and Carter, Inc. professional land surveyor and is accurately

1. OBTAIN GRADING PERMIT. 2. INSTALL SEDIMENT AND EROSION CONTROL DEVICES AS SHOWN ON PLAN. 3. CLEAR AND GRUB TO LIMITS OF DISTURBANCE AND MASS GRADE TO SUN-BASE. 4. INSTALL TEMPORARY SEEDING.

based on field locations

5. CONSTRUCT BUILDINGS. 6. FINE GRADE SITE AND INSTALL PERMANENT SEEDING AND LANDSCAPE. 7. REMOVE SEDIMENT CONTROL DEVICES AS UPLAND AREAS ARE STABILIZED AND PERMISSION IS GRANTED BY E/S CONTROL INSPECTOR.

SEQUENCE OF CONSTRUCTION

Approved for private water and private sewerage systems.

1 DAY 1 DAY 2 MONTHS 1 DAY 2 DAYS

> DEVELOPER'S CERTIFICATE "I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE 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.

CONSERVATION DISTRICT".

LOT 30

BUILDER/DEVELOPER

COLUMBIA BUILDERS P.O. BOX 999

COLUMBIA, MARYLAND 21044

410-730-3940 ..

ENGINEER'S CERTIFICATE

"I HEREBY CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL ENOWLEDGE OF THE SITE CONDITION AND THAT IT WAS PREPARED IN CORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION

PERCOLATION CERTIFICATION PLAN SITE DEVELOPMENT,

BUCKSKIN RIDGE

4272 BUCKSKIN WOODS DRIVE

General Notes

LEGEND

----- EXISTING CONTOUR 2' INTERVAL

+362.5 SPOT ELEVATION

-SSF-SSF- SUPER SILT FENCE

109 Perc. Test Holes

WOB'> PROPOSED WALKOUT

- LOD - LIMITS OF DISTURBANCE

-TP-TP- TREE PROTECTION FENCE

1. Subject Property Zoned: RC-DEO

County Health Dept. Review

2. Total Area Of Property: 44623 5q.ft

3. Septic Easement Subject To Howard

4. Length Of Trench To Be Determined

At Time Of Septic Permit Issuance.

6. Field Run Topographic Survey Done By

Clark Finefrock & Sackett, Inc.

DESCRIPTION

5. Contractor / Builder To Verify Elevation

In The Field Before Beginning Any Construction.

7. No Wetlands Currently Exist On The Property.

ZONED RR-DEO 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND 5CALE: 1"=30"

Rev hac type & grd from x to NN 9-24-02

FISHER, COLLINS & CARTER, INC. CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS ZE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE ELLICOTT CITY, MARYLAND 21042

THIS DEVELOPMENT IS APPROVED FOR SOIL EROSION AND

GP-03-08

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT

I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL

SEDIMENT/EROSION CONTROL PLAN, NOTES & DETAILS

SYMBOL

NN

THIS AREA DESIGNATES A

ENVIRONMENT FOR INDIVIDUAL SEWAGE

NATURE IN THIS AREA ARE RESTRICTED.

DISPOSAL. IMPROVEMENTS OF ANY

THIS EASEMENT SHALL BECOME NULL

COUNTY HEALTH OFFICER SHALL HAVE

AUTHORITY TO GRANT ADJUSTMESNTS

TO THE PRIVATE SEWAGE EASEMENT.

EASEMENT SHALL NOT BE NECESSARY.

ANY CHANGES TO A PRIVATE SEWAGE

THE LOT SHOWN HEREON COMPLIES WITH 14. THE MINIMUM OWNERSHIP WIDTH AND LOT

AREA AS REQUIRED BY THE MD. DEPT.

EXISTING WELLS AND SEPTIC EASEMENTS

(LOT) BOUNDARIES HAVE BEEN LOCATED.

WITHIN 100 FEET OF THE PROPERTY

AND VOID UPON CONNECTION TO A

PUBLIC SEWERAGE SYSTEM. THE

12. RECORDATION OF A REVISED SEWAGE

13. EASEMENT SHALL REQUIRE A REVISED

PERC CERTIFICATION PLAN.

OF ENVIRONMENT.

PRIVATE SEWAGE EASEMENT OF AT

LEAST 10,000 SQUARE FEET AS

REQUIRED BY THE MD. DEPT. OF

PLAT NO. 15522 DATE: AUGUST, 2002

CONFORMANCE WITH THE MOST CURRENT MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL AND REVISIONS THERETO. FOLLOWING INITIAL SOIL DISTURBANCE OR RE-DISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: a) 7 CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES

DIKES, PERIMETER SLOPES AND ALL SLOPES STEEPER THAN 3:1, b) 14 DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE. LL SEDIMENT TRAPS/BASINS SHOWN MUST BE FENCED AND WARNING SIGNS POSTED AROUND THEIR PERIMETER IN ACCORDANCE WITH VOL. CHAPTER 12, OF THE HOWARD COUNTY DESIGN MANUAL, STORM DRAINAGE ALL DISTURBED AREAS MUST BE STABILIZED WITHIN THE TIME PERIOD SPECIFIED ABOVE IN ACCORDANCE WITH THE 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR PERMANENT SEEDING (SEC. 51), SOD (SEC. 54), TEMPORARY SEEDING (SEC. 50), AND MULCHING (SEC. 52). TEMPORARY STABILIZATION WITH MULCH ALONE CAN

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GERMINATION AND ESTABLISHMENT OF GRASSES. LL SEDIMENT CONTROL STRUCTURES ARE TO REMAIN IN PLACE AND ARE O BE MAINTAINED IN OPERATIVE CONDITION UNTIL PERMISSION FOR THEIR REMOVAL HAS SEEN OBTAINED FROM THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR. SITE ANALYSIS:

TOTAL AREA OF SITE AREA DISTURBED AREA TO BE ROOFED OR PAVED 0.434 ACRES 0.100 ACRES AREA TO BE VEGETATIVELY STABILIZED 0.343 ACRES 2.71 CU.YDS.

OFFSITE WASTE/BORROW AREA LOCATION N/A
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 ONTROLS, 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

TRENCHES FOR THE CONSTRUCTION OF UTILITIES IS LIMITED TO THREE PIPE LENGHTS OR THAT WHICH SHALL BE BACK-FILLED AND STABILIZED WITHIN ONE WORKING DAY, WHICHEVER IS SHORTER. SEQUENCE OF CONSTRUCTION

I. OBTAIN GRADING PERMIT. 2. INSTALL SEDIMENT CONTROLS AS SHOWN ON PLAN. (1 day)

3. PERFORM NECESSARY GRADING AND STABILIZE THE SITE. (2 days) 4. CONSTRUCT DWELLING ON SITE. (90 days) 5. AFTER THE SITE IS STABILIZED AND PERMISSION IS GRANTED FROM

THE SEDIMENT CONTROL INSPECTOR, REMOVE SEDIMENT CONTROLS AND STABILIZE ANY REMAINING DISTURBED AREAS. TEMPORARY SEEDING NOTES

APPLY TO GRADED OR CLEARED AREAS LIKELY TO BE REDISTURBED WHERE A SHORT-TERM VEGETATIVE COVER IS NEEDED.

LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING. IF NOT PREVIOUSLY LOOSENED. SOIL AMENDMENTS:

APPLY 600 LBS. PER ACRE 10-10-10 FERTILIZER (14 LBS./1000 SQ. FT.)

SEEDING:

FOR THE PRERIODS MARCH 1 THROUGH APRIL 30. AND AUGUST 15 THROUGH NOVEMBER 15, SEED WITH 1 1/2 BUSHEL PER ANNUAL RYE (3.2 LBS./1,000 SQ.FT.)FOR THE PERIOD MAY 1 THRU AUGUST 14 SEED WITH 3 LBS/ACRE OF WEEPING LOVEGRASS (.07 LBS/10005Q.FT.). FOR THE PERIOD NOVEMBER 16 THRU FEBRUARY 28. PROTECT SITE BY APPLYING 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING, OR USE SOD. MULCHING:

APPLY 1 1/2 TO 2 TONS PER ACRE (70 TO 90 LB5./1,000 5Q.FT.) OF UNROTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 218 GALLONS PER ACRE (5 GAL./1,000 SQ.FT.) OF EMULSIFIED ASPHALT ON FLAT ACRES. ON SLOPES & FEET OR HIGHER, USE 348 GALLONS PER ACRE (8 GAL./1,000 SQ.FT.) FOR ANCHORING. REFER TO THE 1988 MARYLAND STANDARDS AND SPECIFICATION FOR SOIL EROSION AND SEDIMENT CONTROL FOR RATE AND METHODS NOT COVERED. PERMANENT SEEDING NOTES

ALL DISTURBED AREAS SHALL BE STABILIZED AS FOLLOWS:

LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING.

SOIL AMENDMENTS: APPLY TWO TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS 1,000 SQ.FT.) AND 600 LBS. PER ACRE 0-20-20 FERTILIZER (14 LB5./1,000 SQ.FT.) BEFORE SEEDING HARROW OR DISC. INTO UPPER THREE INCHES OF SOIL. AT TIME OF SEEDING, APPLY 400 LBS. PER ACRE 30-0-0 UREAFORM FERTILIZER (9 LBS./1,000 SQ.FT.) AND 500 LBS. PER ACRE (11.5 LBS./ 1,000 SQ.FT.) OF 10-20-20 FERTILIZER.

FOR THE PERIODS MARCH I THROUGH APRIL 30, AND AUGUST 1 THROUGH OCTOBER 15, SEED WITH 100 LBS. PER ACRE (2.3 LBS./1,000 SQ.FT.) OF KENTUCKY 31 TALL FESCUE, FOR THE PERIOD MAY 1 THROUGH JULY 31, SEED WITH 60 LBS/ACRE (1.4 LB5./1,000 SQ.FT.) KENTUCKY 31 TALL FESCUE AND 2 LB5. PER ACRE (0.05 LB5./1,000 SQ.FT.) OF WEEPING LOVEGRASS. DURING THE PERIOD OF OCTOBER 16' THROUGH FEBRUARY 28. PROJECT SITE BY: OPTION (1) - TWO TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING; OPTION (2) - USE SOO; OPTION (3) - SEED WITH 100 LBS./ACRE KENTUCKY 31 TALL FESCUE AND MULCH WITH TWO TONS/ACRE WELL ANCHORED STRAW. ALL SLOPES SHOULD

APPLY 1 1/2 TO 2 TONS PER ACRE (10 TO 90 LBS./1,000 SQ.FT.) OF UNROTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING 200 GALLONS PER ACRE (5 GAL./1,000 SQ.FT.) OF EMULSIFIED ASPHALT ON FLAT ACRES. ON SLOPES & FEET OR HIGHER US 348 GALLONS PER ACRE (8 GAL./1,000 SQ.FT.) FOR ANCHORING.

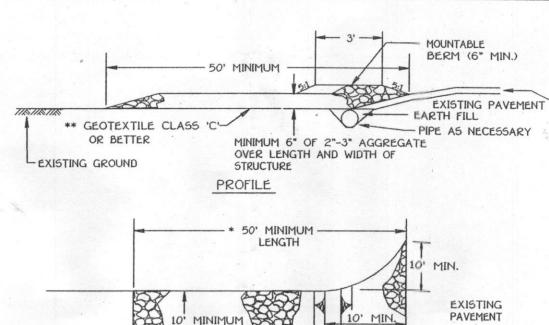
MAINTENANCE:

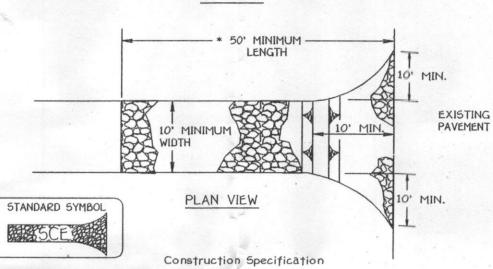
INSPECT ALL SEEDED AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDINGS. * FOR PUBLIC PONDS SUBSTITUTE CHEMUNG CROWNVETCH AT 15 LBS./ACRE AND KENTUCKY 31 TALL FESCUE AT 40 LBS/ACRE AS THE SEEDING REQUIREMENT. OPTIMUM SEEDING DATE FOR THIS MIXTURE IS MARCH 1 TO APRIL 30.

TOPSOIL SPECIFICATIONS - SOIL TO BE USED AS TOPSIOL MUST MEET THE FOLLOWING TOPSIOL SHALL BE A LOAM, SANDY LOAM, CLAY LOAM, SILT LOAM, SANDY CLAY LOAM, LOAMY SAND OTHER SOILS MAY BE USED IF RECOMMENDED BY AN AGRONOMIST OR SOIL SCIENTIST AND APPROVED BY THE APPROPRIATE APPROVAL AUTHORITY. REGARDLESS, TOPSOIL SHALL NOT BE A MIXTURE OF CONTRASTING TEXTURE SUBSOILS AND SHALL CONTAIN LESS THAN 5 % BY VOLUME OF CINDERS, STONES, SLAG, COARSE FRAGMENTS, GRAVEL, STICKS, ROOTS TRASH, OR OTHER MATERIALS LARGER THAN 1 1/2" IN DIAMETER.

TOPSOIL MUST BE FREE OF PLANTS OR PLANT PARTS SUCH AS BERMUDA GRASS, QUACKGRASS, JOHNSONGRASS, NUTSEDGE, POISON IVY, THISTLE, OR OTHERS AS SPECIFIED.

WHERE THE TOPSOIL IS EITHER HIGHLY ACIDIC OR COMPOSED OF HEAVY CLAYS, GROUND LIMESTONE SHALL BE SPREAD AT THE RATE OF 4-8 TONS/ACRE (200-400 POUNDS PER 1,000 SQUARE FEET) PRIOR TO THE PLACEMENT OF TOPSOIL. LIME SHALL BE DISTRIBUTED UNIFORMLY OVER DESIGNATED AREAS AND WORKED INTO THE SOIL IN CONJUNCTION WITH TILLAGE OPERATIONS AS DESCRIBED IN THE FOLLOWING PROCEDURES.





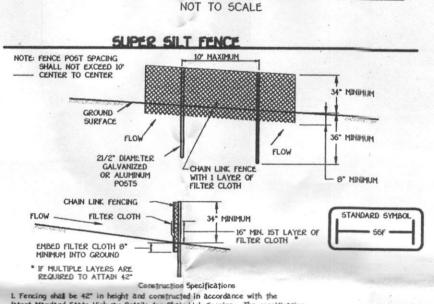
1. Length - minimum of 50' (*30' for single residence lot). 2. Width - 10' minimum, should be flared at the existing road to provide a turning

3. Geotextile fabric (filter cloth) shall be placed over the existing ground prior to placing stone. **The plan approval authority may not require single family

4. Stone - crushed aggregate (2" to 3") or reclaimed or recycled concrete equivalent shall be placed at least 6" deep over the length and width of the

5. Surface Water - all surface water flowing to or diverted toward construction entrances shall be piped through the entrance, maintaining positive drainage. Pipe installed through the stabilized construction entrance shall be protected with a mountable berm with 5:1 slopes and a minimum of 6" of stone over the pipe. Pipe has to be sized according to the drainage. When the SCE is located at a high spot and has no drainage to convey a pipe will not be necessary. Pipe should be sized according to the amount of runoff to be conveyed. A 6" minimum will be required. 6. Location - A stabilized construction entrance shall be located at every point where construction traffic enters or leaves a construction site. Vehicles leaving the site must travel over the entire length of the stabilized construction entrance.

STABILIZED CONSTRUCTION ENTRANCE - 2



latest Maryland State Highway Details for Chain Link Fencing. The specification

2. Chain link fence shall be fastened securely to the fence posts with wire ties. The lower tension wire, brace and truss rods, drive anchors and post caps are not required except on the ends of the tence. 3. Filter cloth shall be fastened securely to the chain link fence with ties spaced every 24" at the top and mid section. 4. Filter cloth shall be embedded a minimum of 8" into the ground

5. When two sections of filter cloth adjoin each other, they shall be overlapped by 6° and tokled. 6." Maintenance shall be performed as needed and silt buildups removed when "bulges"

Filter cloth shall be fastened	en silt reaches 50% of tence be securely to each tence post a and shall meet the following r	with wire ties or
Tensile Strength	50 lbs/in (min)	Test: MSMT 509
Tensile Modulus	20 lbs/in (min.)	Test: MSMT 509
Flow Rate	0.3 gal/ft /minute (max.)	Test: MSMT 322
Filtering Efficiency	75% (min.)	Test: MSMT 322
	Design Criteria	

TEMPORARY SEEDING NOTES

APPLY TO GRADED OR CLEARE() AREAS LIKELY TO BE REDISTURBED WHERE A SHORT-TERM VEGETATIVE COVER IS NEEDED.

LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING, IF NOT PREVIOUSLY

APPLY 600 LBS. PER ACRE 10-10-10 FERTILIZER (14 LBS./ 1,000 SQ.FT.)

FOR THE PERIODS MARCH 1 THROUGH APRIL 30, AND AUGUST
15 THROUGH NOVEMBER 15, SEED WITH 1? BUSHEL PER ACRE OF
ANNUAL RYE (3.2 LB5./ACRE OF WEEPING LOVEGRASS (.07 LB5./
1,000 SQ.FT. FOR THE PERIOD NOVEMBER 16 THRU FEBRUARY
20, PROTECT SITE BY APPLYING 2 TONS PER ACRE OF WELL
ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE
SPRING OR USE 500

APPLY 1 TO 2 TONS PER ACRE (70 TO 90 LBS./1,000 SQ.FT.)
OF UNROTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING.
ANCHORING TOOL OR 218 GALLONS PER ACRE (5 GAL.1,000 SQ.FT.)
OF EMULSIFIED ASPHALT ON FLAT ACRES ON SLOPES 8 FEET OR
HIGHER, USE 348 GALLONS PER ACRE (8 GAL./1,000 SQ.FT.) FOR
ANCHORING

REFER TO THE 1988 MARYLAND STANDARDS AND SPECIFICATION FOR SOIL EROSION AND SEDIMENT CONTROL FOR RATE AND METHODS NOT

PERMANENT SEEDING NOTES

ALL DISTURBED AREAS SHALL BE STABILIZED AS FOLLOWS: SEEDBED PREPARATION:

SOIL AMENDMENTS:

LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING.

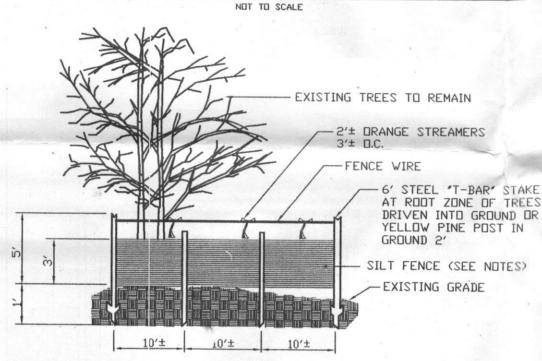
APPLY TWO TONS PER ACIZE DOLOMITIC LIMESTONE (92 LB5/1,000 SQ.FT.) AND 600 LB5. PER ACIZE 0-20-20 FERTILIZER (14 LB5./1,000 SQ.FT.) BEFORE SEEDING HARROW OR DISC. INTO UPPER THREE INCHES OF SOIL. AT TIME OF SEEDING, APPLY 400 LB5. PER ACIZE. 38-0-0 UREAFORM FERTILIZER (9 LB5./1,000 SQ.FT.) AND 500 LB5. PER ACIZE (IL5 LB5./1,000 SQ.FT.) OF 10-20-20 FERTILIZER.

FOR THE PERIODS MARCH I THROUGH APRIL 30, AND AUGUST I THROUGH OCTOBER IS, SEED WITH 100 LBS. PER ACRE (2.3 LBS./1,000 SQ.FT.) OF KENTUCKY 31 TALL FESCUE, FOR THE PERIOD MAY I THROUGH JULY 31, SEED WITH 60 LBS/ACRE (1.4 LBS./1,000 SQ.FT.) KENTUCKY 31 TALL FESCUE AND 2 LBS. PER ACRE (0.05 LBS./1,000 SQ.FT.) OF WEEPING LOVEGRASS. DURING THE FERIOD OF OCTOBER 16 THROUGH FEBRUARY 20. PROJECT SITE BY: OPTION (1) - TWO TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING, OPTION (2) - USE SOO; CPTION (3) - SEED WITH 100 LBS./ACRE KENTUCKY 31 TALL FESCUE AND MULCH WITH TWO TONS/ACRE WELL ANCHORED STRAW. ALL SLOPES SHOULD BE HYDROSEEDED.

APPLY 1 TO 2 TONS PER ACRE (10 TO 90 LBS./1,000 SQ.FT.)
OF UNROTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING.
ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING 200
GALLONS PER ACRE (5 GAL./1,000 SQ.FT.) OF EMULSIFIED
ASPHALT ON FLAT ACRES. ON SLOPES & FEET OR HIGHER USE
340 GALLONS PER ACRE (13 GAL./1,000 SQ.FT.) FOR ANCHORING. MAINTENANCE:

INSPECT ALL SEEDED AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDINGS. * FOR PUBLIC PONDS SUBSTITUTE CHEMUNG CROWNVETCH AT 15 LBS./ACRE AND KENTUCKY 31 TALL FESCUE AT 40 LBS/ACRE AS THE SEEDING REQUIRMENT. OPTIMUM SEEDING DATE FOR THIS MIXTURE IS MARCH 1 TO APRIL 30.

SILT FENCE AND TREE PROTECTION



1. Silt Fence to be heeled into the soil.

8. Locate fence outside the Crictical Root Zone.

2. Wire, snow fence, etc. for tree protection only. 3. Boundaries of Retention Area will be established as part of the forest conservation plan review process.

4. Boundaries of Retention Area should be staked and flagged prior to installing device. 5. Avoid root damage when placing anchor posts.

. Device should be properly maintained throughout construction. 7. Protection signs are also required, see Figure C-4.

> The existing well shown on this plan HO 94 3165 has been field located by Fisher, Collins and Carter, Inc. professional land surveyor and is accurately

based on field locations Approved for private water and private sewerage systems. Howard County Health Department

SEQUENCE OF CONSTRUCTION

1. OBTAIN GRADING PERMIT.

2. INSTALL SEDIMENT AND EROSION CONTROL DEVICES AS SHOWN ON PLAN. 3. CLEAR AND GRUB TO LIMITS OF DISTURBANCE AND MASS GRADE TO SUN-BASE. 4. INSTALL TEMPORARY SEEDING.

5. CONSTRUCT BUILDINGS. 6. FINE GRADE SITE AND INSTALL PERMANENT SEEDING AND LANDSCAPE. 7. REMOVE SEDIMENT CONTROL DEVICES AS UPLAND AREAS ARE STABILIZED AND PERMISSION IS GRANTED BY E/S CONTROL INSPECTOR.

1 DAY 1 DAY 1 DAY 2 MONTHS 1 DAY 2 DAYS

DEVELOPER'S CERTIFICATE

"I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN AND THAT ANY 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 B JAMES GREEFIELD

ENGINEER'S CERTIFICATE

"I HEREBY CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL ENOWLEDGE OF THE SITE CONDITION AND THAT IT WAS PREPARED IN EDROANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION

LOT 30

BUILDER/DEVELOPER

COLUMBIA BUILDERS P.O. BOX 999

COLUMBIA, MARYLAND 21044 410-730-3940 ..

LEGEND SYMBOL DESCRIPTION ----- EXISTING CONTOUR 2' INTERVAL +362.5 | SPOT ELEVATION -TP-TP-TREE PROTECTION FENCE -55F--55F- SUPER SILT FENCE PROPOSED WALKOUT - LOD - LIMITS OF DISTURBANCE Perc. Test Holes

General Notes

1. Subject Property Zoned: RC-DEO

County Health Dept. Review

2. Total Area Of Property: 44623 5q.ft

3. Septic Easement Subject To Howard

4. Length Of Trench To Be Determined

At Time Of Septic Permit Issuance.

6. Field Run Topographic Survey Done By

Clark Finefrock & Sackett, Inc.

5. Contractor / Builder To Verity Elevation

In The Field Before Beginning Any Construction.

7. No Wetlands Currently Exist On The Property.

NN

THIS AREA DESIGNATES A

PRIVATE SEWAGE EASEMENT OF AT

ENVIRONMENT FOR INDIVIDUAL SEWAGE

NATURE IN THIS AREA ARE RESTRICTED.

THIS EASEMENT SHALL BECOME NULL

COUNTY HEALTH OFFICER SHALL HAVE

AUTHORITY TO GRANT ADJUSTMESNTS

TO THE PRIVATE SEWAGE EASEMENT.

EASEMENT SHALL NOT BE NECESSARY

ANY CHANGES TO A PRIVATE SEWAGE

THE LOT SHOWN HEREON COMPLIES WITH

14. THE MINIMUM OWNERSHIP WIDTH AND LOT

WITHIN 100 FEET OF THE PROPERTY

AREA AS REQUIRED BY THE MD. DEPT.

EXISTING WELLS AND SEPTIC EASEMENTS

(LOT) BOUNDARIES HAVE BEEN LOCATED.

LEAST 10,000 SQUARE FEET AS

REQUIRED BY THE MD. DEPT. OF

DISPOSAL. IMPROVEMENTS OF ANY

AND VOID UPON CONNECTION TO A

PUBLIC SEWERAGE SYSTEM. THE

12. RECORDATION OF A REVISED SEWAGE

13. EASEMENT SHALL REQUIRE A REVISED

PERC CERTIFICATION PLAN.

OF ENVIRONMENT.

4272 BUCKSKIN WOODS DRIVE PERCOLATION CERTIFICATION PLAN SITE DEVELOPMENT, SEDIMENT/EROSION CONTROL PLAN, NOTES & DETAILS

BUCKSKIN RIDGE

ZONED RR-DEO PLAT NO. 15522 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND 5CALE: 1"=30" DATE: AUGUST, 2002

GP-03-08

Rev has type & grd from x to NN 9-24-02 FISHER, COLLINS & CARTER, INC. SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKI ELLICOTT CITY, MARYLAND 21042 (410) 461 - 2855

THIS DEVELOPMENT IS APPROVED FOR SOIL EROSION AND

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.