APPLICATION

PERCOLATION TESTING

A <u>59308</u> P_____

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

DATE 1/12/98

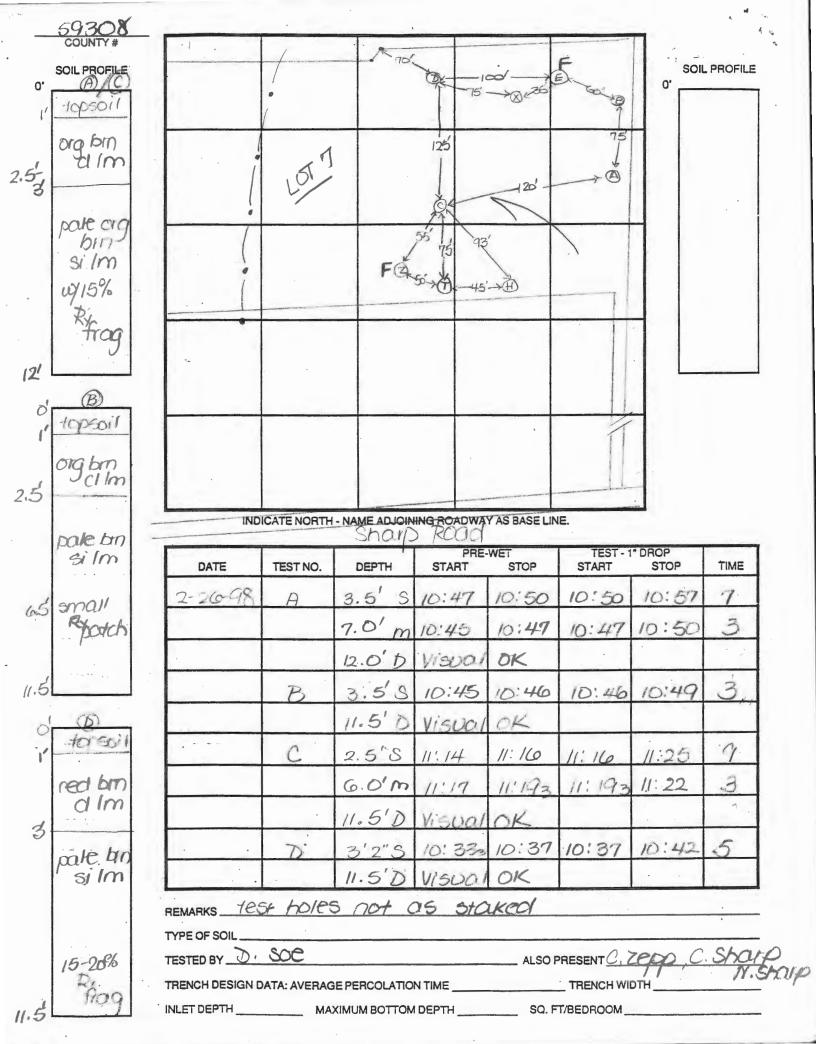
DISTRICT

TO:	THE COUNTY HEALTH OFFICER
	ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRI	OR TO APPLICATION FOR PERMIT	TTO CONSTRUCT (OR RE	CONSTRUCT) A SEWAGE DI	SPOSAL SYSTEM.
PROPERTY OWNER MCHOLAS O.	SHARP	·····		
ADDRESS 3654 SHARP ROAD	GLENWOOD MD.	PHONE 41	0) 489- 503	80
AGENT OR PROSPECTIVE BUYER				
ADDRESS		PHONE		
PROPERTY LOCATION:				
SUBDIVISION NICHOLAS O. SE	IARP	LOT NO	7	
ROAD AND DESCRIPTION SHARP	ROAD			
	7			
TAX MAP 21 PARCEL# 20				
SIZE OF LOT 3 AC.	TYPE	BLDG. SINGL	E FAMILY DWELLING OR CO	MMERCIAL)
THE SYSTEM INSTALLED UNDER THIS APPLICATION	N IS ACCEPTABLE ONLY UNTIL	PUBLIC FACILITIES BE	COME AVAILABLE. I FULL	YUNDERSTAND THE
FEE CONNECTED WITH THE FILING OF THIS PE				~
COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN T	TESTING THIS LOT.	charia D	TURE OF APPLICANT)	agent)
and the second of the second o				
APPROVED BY			DATE	
	FOR		DATE	
HOLD PENDING FURTHER TESTS				
REASONS FOR REJECTION OR HOLDING				
PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE (OR I.D. #		DATE	
SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. #			DATE	

THIS IS NOT A PERMIT

HD-216 (3/92)



APPLICATION

PERCOLATION TESTING

DISTRICT

HOWARD COUNTY HEALTH DEPARTMENT BUREAU OF ENVIRONMENTAL HEALTH 3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043 TELEPHONE: 313-2640

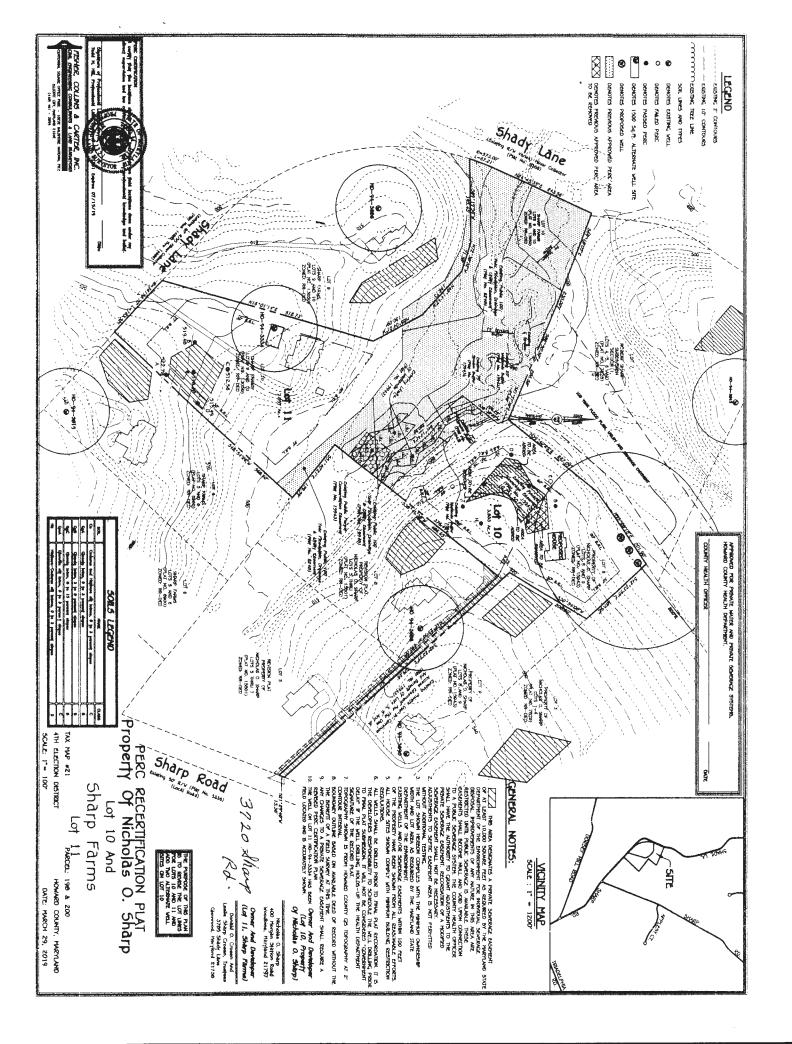
TO: THE COUNTY HEALTH OFFICER ELLICOTT CITY, MARYLAND

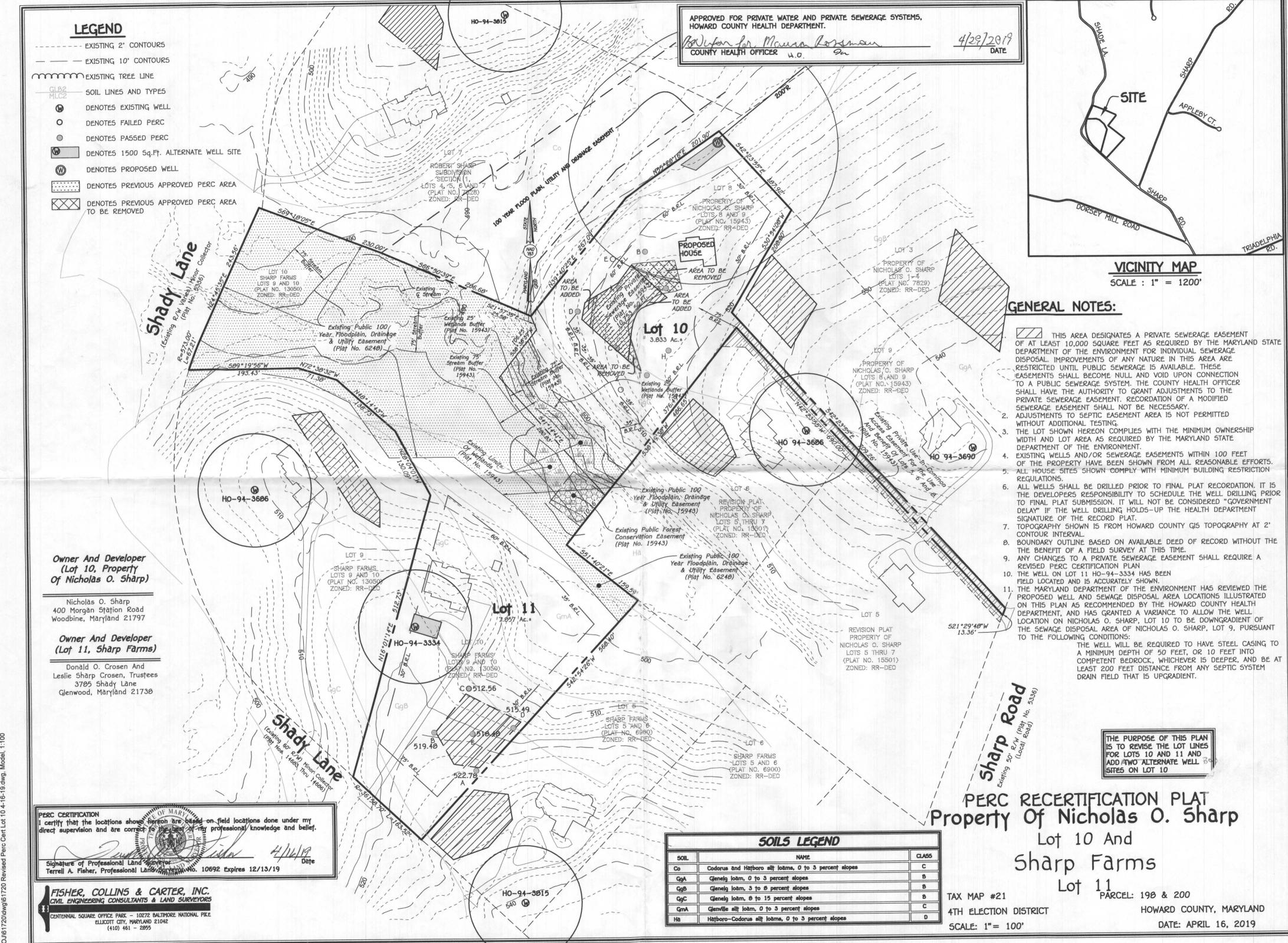
I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION	ON FOR PERMIT TO CONSTRUCT	(OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.
PROPERTY OWNER NICHOLAS O. SHARP		
ADDRESS 3654 SHARP ROAD GLE	71738 PHONE_	(410) 489- 5030
AGENT OR PROSPECTIVE BUYER	~/.	<u>A</u>
ADDRESS	PHONE	
PROPERTY LOCATION:	er en	
SUBDIVISION NICHOLAS O. SHARP	LOT NO	J
ROAD AND DESCRIPTION SHARP ROAD)	
TAX MAP 21 PARCEL# 200		
SIZE OF LOT 3 AC.	TYPE BLDG	6. F.D. (SINGLE FAMILY DWELLING OR COMMERCIAL)
THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABL	E ONLY UNTIL PUBLIC FACILIT	IES BECOME AVAILABLE. I FULLY UNDERSTAND THE
FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLI		
COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LO	Tacharin	(SIGNATURE OF APPLICANT) (agent),
and the second of the second o		DATE
APPROVED BY		
DISAPPROVED BY	FOR	DATE
HOLD PENDING FURTHER TESTS		
REASONS FOR REJECTION OR HOLDING		
PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. #		DATE
SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. #		DATE

THIS IS NOT A PERMIT

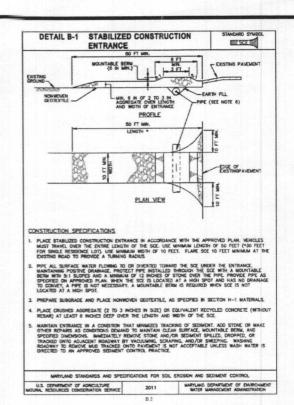
HD-216 (3/92)

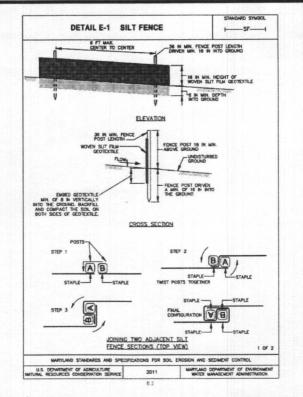
9.308		PHOLI	(-)				. •
COUNTY# OIL PROFILE						so	IL PROFIL
OIL PROFILE (E) topsoil						0,	
						-	
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	1	- Chil	KI	1			
ed .	t	10 D	AGD/	141			
d m 'Im	33	CR VI	M	4101			
>50%						_	
Rag							
2/A/D							
psoil				,			
db		-					
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clím	INDICATE NO	THE NAME ADD	INING DOADWA	V AC BACE LI	JE .		
ab arm		RTH - NAME ADJO	INING ROADWA	-WET	TEST -	1" DROP	
DATE	TEST NO	D. DEPTH	PRE- START	-WET STOP		1" DROP STOP	TIME
DATE 2-26	TEST NO	0. DEPTH	START REFUSE	STOP	TEST -		FAI
DATE 2-26	TEST NO	DEPTH 9.0'D	PRE- START REFUSE VISUALI	STOP	TEST -	STOP	FAL
DATE 2-26	TEST NO	DEPTH 9.0'D	PRE- START REFUSE VISUCII 11:433	STOP	TEST - START		FAL
DATE 2-26 2-20% 2409	TEST NO	0. DEPTH 9.0'D 12.0'D 2.5'S	PRE- START REFUSE VISUAL VISUAL	STOP	TEST - START	STOP	FAI OK 4
26 brn 5i (m 2-26 2-26 Pag	TEST NO	DEPTH 9.0'D 12.0'D 2.5'S 10.5'D	PRE- START REFUSE VISUAL VISUAL VISUAL	STOP	TEST - START	STOP	FAI OK
DATE DATE 2-26 PAOG PAOII	TEST NO	DEPTH 9.0'D 12.0'D 2.5'S 10.5'D	PRE- START REFUSE VISUAL VISUAL VISUAL	STOP	TEST - START	STOP	FAI OK OK
DATE 2-26 Prog Color of bin	TEST NO	DEPTH 9.0'D 12.0'D 2.5'S 10.5'D	PRE- START REFUSE VISUAL VISUAL VISUAL	STOP	TEST - START	STOP	FAI OK OK
DATE 2-26 10-20% Propoil Coposil Coposil Coposil	TEST NO	DEPTH 9.0'D 12.0'D 2.5'S 10.5'D	PRE- START REFUSE VISUAL VISUAL VISUAL	STOP	TEST - START	STOP	FAI OK OK
DATE 2-26 2-26 2-26 2-26 2-26 2-26 2-26 2-2	TEST NO. 98 E K K H T Z	DEPTH 9.0'D 12.0'D 2.5'S 10.5'D	PRE- START REFUSE VISUAL VISUAL VISUAL	STOP	TEST - START	STOP	CX OX OX
DATE 2-26 C-20% Remarks Type of so	TEST NO.	DEPTH 9.0'D 12.0'D 2.5'S 10.5'D 12.0'D 4.0'D	PRE- START REFUSO VISUAL VISUAL REFUSO	STOP	TEST- START	STOP	FAIL OK FAIL
DATE 2-26 C-20% Parcog Parcog REMARKS TYPE OF SC TESTED BY	TEST NO.	DEPTH 9.0'D 12.0'D 2.5'S 10.5'D 12.0'D 4.0'D	PRE- START REFUSE VISUAL VISUAL VISUAL REFUSE	STOP II: 46	TEST- START	STOP	FAIL OK OK FAIL

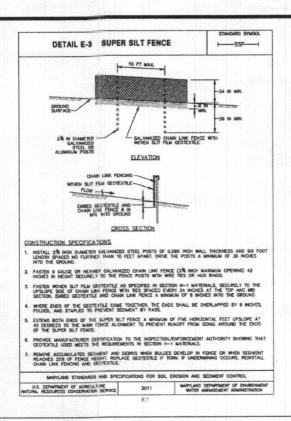


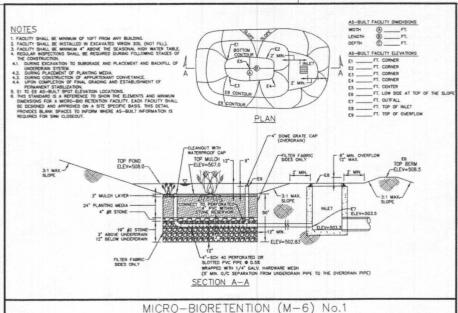


11.100 Model 11.100 Model 11.100









8-4-5 STANDARDS AND SPECIFICATIONS PERMANENT STABILIZATION

Qefinition
To stabilize disturbed soils with permanent vegetation.
Europase To use long-lived perennic grosses and legumes to establish permanent ground cover on disturbed soils:

Conditions Where Practice Applies

Exposed soils where ground cover in needed for 6 months or more.

Seed Michares

Seed Michares

Seed Mixtures

eneral Line 8. Sentch one or more of the species or ministures listed in Table B.3 for the appropriate Plant Hordiness Zone (from Figure B.3) and based on the site condition or propose found on Table B.2. Center selected ministur(s), application rates, and seeding dotter in the Plearmannest Seeding Summory. The Summary is to be piscod on the plan.

In Additional planting specifications for exceptional sites such as storelines, stream banks, or dunes or for special purposes such as skildfill or centratic threatment may be found in USBA-NBCS Technical Field Office Quide, Section 342 — Ortical Area Planting.

In USDA-MIKC's Inchnical Field Office Guide, Section 347. — Orthold Area Bronting.

For sites howing disturted once over 5 cores, use and
show the rotes recommended by the soil testing opency.

For owns recolving law mointenance, apply ures form
Fertilizer (460—50) at 3.7 a pounts per 1000 equiver feet (150
pounds per during lat time of seeding in distillation to the
soil consentation of the Permanent Seeding, Summary

and amendments shown in the Permanent Seeding, Summary

lurigross Michares

a. Areas where burigross may be desired include lawns,
ports, playgrounds, and commercial sites which will receive a
medium to high level of maintenance.

b. Select one or more of the apocies or mixtures listed

below bosed on the alte conditions or purpose. Enter selected mixture(g), application rotes, and seeding dates in the Permanet Seeding Summary. The summary is to be placed on the plan. It kentucky Bueyrast: Full Sum Mixture: For use in cress that receive intensive management, irrigation required in the eress of central Maryland and Eastern Shore. Recommended Certified Kertucky Bueyrass Celtions seeding Retter. 1.5 to 2.0 spounds per 1000 square feet. Occore or mixtures of these techniques because of the technique seeding seeding

from 10 to 35 percent of the total mixture: by weight.

It Toll Fecture/Methody Bluegross: Full Sun Mixture: For use in drought prone areas and/or for areas receiving fow to medium management in full sun to medium shade. Recommended mixture includes: Certified foil Fectures Cuthway 55 to 100 percent. Certified foil Anthody Bluegross. Cuthway 50 to 5 percent. Seeling Rote: 5 to 6 pounds per 1000 separe feet. One or more authors may be blended. Nentucky Bluegross: Fried Mixture: For use in areas with shode in Bluegross brains. For use in areas with shode in Bluegross brains. For establishment in high quality, intensity managed turn and the second of the control of the Ference and 60 to 70 percent. Descript Rote: 11/4 to 3 pounds per 1000 spacers feet.

Ideal Times of Seeding for Turf Gross Michares
Western MD, Morth 15 to June 1, August 1 to October 1
(Hordiness Zones: 50, 6a)
Central MD: Morch its May 15, August 15 to October 15
(Hordiness Zone: 6b)
Southern MD, Eastern Shore: Worth 1to May 55, August 15 to
October 15 (Hordiness Zones: 76
October 15 (Hordiness Zones: 77

d. Bl oreas to receive seed by delivery or other approved methods to a depth of 2 to 4 inches, level on rice the cross to prepore a proper seedbed. Removes stones and dothal over 11/4 inches in dismeter. The resulting seedbed must be in such condition that future menting of grasses will pose to difficulty supply new seedber, seed the in such condition that future menting of grasses will pose to difficulty supply new seedings with odequate where for pint growth (1/4 to 1 inch every 3 to 4 days depending on sol texture) until they are firmly established. This is especially true when seedings are mode late in the planting season, in admonstratly or or lossess sites.

Material	Specification	Size	Notes
Plantings	see Appendix A, Table A.4	15/8	plantings are site-specific
Planting soil [2' to 4' deep]	loumy sand (60 - 65%) & compost (35 - 40%) or sandy loam (30%), coarse sand (30%) & compost (40%)	n/a	APPROVEL OUT
Organic content	Min. 10% by dry weight (ASTM D 2974)		1
Mulch	shredded hardwood		aged 6 months, minimum to price or wood chips
Pea gravel diaphragm	pea gravel: ASTM-D-448	NO. 8 OR NO. 9 (1/8" TO 3/8")	
Curtain drain	ornamental stone: washed cobbles	stone: 2" to 5"	
Geotextile		n/a	PE Type I nonwoven
Gravel (underdrains and infikration berms)	AASHTO M-43	NO. 57 OR NO. 6 AGGREGATE (3/8" to 3/4")	
Underdrain piping	F 758, Type PS 28 or AASHTO M-278	4" to 6" rigid schedule 40 PVC or SDR35	Slotted or perforated pipe; 3/8" perf. @ 6" on center, 4 holes per row, minimum of 3" of gravel over pipes, not necessary underneath pipes. Perforated pipe shall be wrapped with ½-inch galvanized hardware cloth
Poured in place concrete (if required)	MSHA Mix No. 3; Γ_s = 3500 psi @ 28 days, normal weight, air-entrained; reinforcing to meet ASTM-615-60	n/a	on-site testing of poured-in-place concrete required: 28 day strength and shamp test; all concrete design (cast-in-place or pre-cast) not using pre-souch approved State or local standards requires design drawings sealed and approved by a professional structural enginee floeneed in the State of Marylan – design to include meeting ACI Code 350.R/89; vertical loading [H-10 or H-20]; allowable horizontal loading (based on soil pressures); and analysis of potential cracking
Sand	AASHTO-M-6 or ASTM-C-33	0.02" to 0.04"	Sand substitutions such as Diabase and Graystone (AASHTO) #10 are not acceptable. No calcium carbonated or dolomitic san substitutions are acceptable. No "rock dust" can be used for san

Permanent Seeding Summary

Hordiness Zone (from Figure 8.3): ZONE 6b
Seed Mixture (from Table 8.3): 9 Fertilizer Rate (10-20-20) Application Seeding Seeding N P205 K20 Species | Cod Season | T.F. 60 b/oc | Moy 1 to | Moy 15 to | Moy 16 to | M

9. Sod: To provide quick cover an disturbed areas (2:1 grade or flatter).

1. General Specifications

1. General Specifications
2. Desir of furfigress and must be Manyland State Certified. Sod tables must be mode evalidate to the job foremon and inspector, tables must be mode evalidate to the job foremon and inspector, and the property of the property o

opproved by an agranomist or soil accentat prior to its installation.

2. Soil installation of excessively high temperature or in areas having dry subsoil, lightly irrigate the subsoil immediately prior to laying the soil.

1. Lay the first row of soil in straight line with subsequent rows placed parallel to it and tightly wedged against each other. Stager lateral justs to promote more uniform growth and strength Ensure that soil is not stretched or overlapped and that all joints are butted tight in order to prevent voids which would cause air drying of the roots.

c. Wherever possible, ley sod with the long edges porollel to the contour and with staggering joints. Bull and tomp, pag or otherwise secure the sold to prevent sliggage on slopes. Ensure sold contact exists between soc motols and the underlying soll surface. Whether the sold immediately soldware failing and trapping until the underside of the new sod pad and soll surface believe the sod are thoroughly well for the mise the operations of loging, tamping and irrigating for any piece of sod within eight hours.

3. Sad Meintenance
a, in the obsence of adequate rainfall, water daily
during the first week or as often and sufficiently as
necessary is meintain moist sell to a depth of 4 linches
Water sod during the heat of the day to premit witing.
b. After the first week, sod watering is required as
necessary to meintain adequate moisture collection.

necessory to mointain adequate maisture content.

Do not maw until the said is firmly noted. No more than t/3 of the grass leaf must be removed by the initial cutting or subsequent cuttings. Maintain a grass height of at least 3 inches unless otherwise specified.

BIORETENTION AREA SOIL SPECIFICATION

PLANTING SOIL:

THE BURGETHINDN AREA SHALL CONSIST OF A PLANTING SOIL

HAWING A HOMOGENOUS MIX OF SOX CONSTRUCTION SAND, 20—30X

TOPSOIL WITH AN ALLOWABLE SE MAXIMUM CLAY CONTENT, AND 20—

30X ORGANIC COMPOST OR MULCH TO PROVIDE A SOIL MEDIUM
WITH HIGH HYDROLOGIC CAPACITY.

THE PLANTING SOIL SHALL BE FREE OF PLANTS OR PLANT
PARTS OF BERNUDA GRASS, JOJAKE GRASS, JOHNSON GRASS,

MUGWART, NUTSEDGE, POISON IVY, CANDIAN THISTILE OR OTHER

AS SPECTREATURED AND CONTROL TO THE CREATER OF T

FOLLOWING CRITERIA:

PH RANGE
PH RANGE
THE FOLLOWING TESTING FREQUENCES SHALL APPLY TO THE
ABOVE SOLES. ABOVE SOILS:
PH ORGANIC MATTER: 1 TEST PER 90 CUBIC YARDS, BUT NOT
MORE THAN 1 TEST PER BIORETENTION AREA.
ONE GRAIN SIZE ANALYSIS SHALL BE PERFORMED PER 90 CUBIC
YARDS OF PLANTING SOIL, BUT NO LESS THAN 1 TEST PER
BIORETENTION AREA.

B. MULCH LAYER SPECIFICATION:

A MULCH LATER SHALL BE PROVIDED ON TOP OF PLANTING SOIL. AN ACCEPTABLE MULCH LATER SHALL INCLUDE SHREDDED HARDWOOD OR SHEEDDED MOOD CHIPS OF OTHER SMULAR PRODUC APPROVED BY THE HOWARD COUNTY DEPARTMENT OF ENVIRONMENT RESOURCES.

RESOURCES.

OF THE APPROVED MULCH PRODUCTS, ALL MUST BE WELL AGED, UNIFORM IN COLOR. AND FREE OF FOREIGN MATERIALS, INCLUDING PLANT MATERIAL WELL AGED MULCH IS DEFINED AS MULCH THAT HAS BEEN STOCK PILED OR STORED FOR AT LEAST TWELVE (12) MONTHS.

SAND SPECIFICATION:
THE SAND SHALL BE FREE OF DELETERIOUS MATERIAL AND ROCKS
GREATER THAN ONE INCH IN DIAMETER.

COMPACTION:
SOIL SHALL BE PLACED IN LIFTS LESS THAN 18 INCHES AND

II. BIRORETENTION AREA PLANT SPECIFICATION

PLANTED.

WALLS OF PLANTING PIT SHALL BE DUG SO THAT THEY ARE MERICAL.

INC DIAMETER OF PLANTING PIT MUST BE A MINIMUM OF SIX INCHES LARGER THAN THE DIAMETER OF THE ROOT BALL.

THE PLANTING PIT SHALL BE DEEP ENOUGH TO ALLOW 1/4 OF THE BALL TO BE ABOVE THE ENSTING GRADE. LOOSE SOL AT THE BOTTOM OF THE PIT SHALL BE TAMPED BY HAND.

THE APPROPRIATE AMOUNT OF FERTILIZER IS TO BE PLACED AT THE BOTTOM OF THE PIT.

THE PLANT SHALL BE REMOVED FROM THE CONTAINER AND

HE PLANT SHALL BE REMOVED FROM THE CONTAINER AND PLACED AT THE BOTTOM OF THE PLANTING PIT BY LIFTING AND CARRYING THE PLANT BY 11S BALL NEVER LIFT THE PLANT BY THE BRANCHES OR TRUNK.

SET THE PLANT STRAIGHT AND IN THE CENTER OF THE PIT SO THE CENTER OF THAT THE BALL IS APPROXIMATELY 1/4 ABOVE THE FRAL GRADE.

BACKFILL PLANTING PIT WITH EXISTING SOIL MAKE SURE PLANT REMAINS STRAIGHT DURING BACKFILLING

MARE SINTE PLANT REMAINS STRANGT DURING BEACHELING PROCEDURE PRE TOP OF THE BALL WITH SOIL MOUND SOIL APPOINT HE EPICAGE STRANGT OF THE BALL.
MAKE SIRE MUCH DOES NOT CONTACT TREE'S TRUNK.
TREE SHALL BE BRACED USING 2"X 2" WHITE DAY STAKES.
STAKES SHALL BE PLACED PARALLET ON WALKWAYS AND BUILDINGS.
STAKES ARE TO BE EQUALLY SPACED ON THE OUTSIDE OF THE TREE

BALL. THE TREE IS BRACED TO THE STAKES UTILIZING HOSE AND WIRES. FERTILIZER:

FERTILIZER:
THEE AND SHRUB FERTILIZER SHALL BE A 21 gm. TIGHTLY
COMPRESSED, LONG LASTING, SLOW RELEASE (2-YEAR) FERTILIZER
TABLET WITH MINNIUM GUARANTEED ANALYSIS OF 20-10-5:
TOTAL INTROCEN (N) - 20%
WATER SOLUBLE ORGANIC MITROCEN - 7%
WATER SOLUBLE ORGANIC MITROCEN - 13%
AVAILABLE PHOSPHORIC ACID (PZ 05) - 10%
SOLUBLE POTASH (K20) - 5%

FOR CONTAINERIZED TREES AND SHRUBS, PLACE THE SPECIFIED FERTILIZER TABLET(S) IN THE BOTTOM OF THE PLANTING S ACCORDING TO THE FOLLOWING RATES:

1 GAL CONTAINER 1 eq. 21 gm. TABLETS. 3 GAL CONTAINER 2 eq. 21 gm. TABLETS. 5 GAL CONTAINER 3 eq. 21 gm. TABLETS. 7 GAL CONTAINER 5 eq. 21 gm. TABLETS.

PLANTING NON-GRASS GROUND COVER:

PLANTING NON-DIAKS DROUND LOVEN:
THE GROUND COVER PLANTING HOLES SHALL BE DUG THROUGH
THE MULCH WITH ONE OF THE FOLLOWINGS: HAND TROWEL,
SHOVEL, BILLE PLANTER, OR HOE (THIS DOCE NOT APPLY TO
GRASS OR LEGUMES).
BEFORE PLANTING BIODECRADABLE POTS, THEY SHALL BE SPUT,
AND NON BIODECRADABLE POTS SHALL BE REMOVED. ROOT
SYSTEMS OF THE POTTED PLANTS SHALL BE SPUT OR

CRUMBLED.
THE GROUND COVER SHALL BE PLANTED SO THAT ROOTS ARE
SURROUNDED BY THE SOIL BELLOW THE MULCH. POTTED PLANTS
SHALL BE SET SO THAT THE TOP OF THE POT IS EVEN WITH THE
EXISTING GRADE. THE ROOTS OF BARE—ROOT PLANTS SHALL BE
COVERED TO THE CROWN.

THE MULCH AND PLANTED GROUND COVER BED SHOULD BE SHOULD BE COVERED WITH A PRE-EMERGENT HERBICIDE.

THE ENTIRE GROUND COVER BED SHALL BE THOROUGHLY WATERED.

B-4-4 STANDARDS AND SPECIFICATIONS

IEVEORATY STARLIZATION
Definition
To stabilize disturbed sole with regelation for up to 6 months.
Excess
To use fast growing vegetation that provides cover on deturbed soils.

ynanum that provides cover on deturbed soils. <u>Conditions Where Practice Applies</u>

Expased soils where ground cover is needed for a period of 5 months or less. For longer duretion of time, permanent stabilization practices are regulated. Criteria

Select one or more of the species or seed mixtures listed in Table 81 for the appropriate Plant Hardiness Zone (from Figure 82), and enter then in the Temporary Seeding Summary below along with application rates, seeding address and seeding dipths. If this Summary is not put on the plan and completed, then Table 61 plus fertilizer and film rates must be

HOWARD SOIL CONSERVATION DISTRICT (HSCD)

STANDARD SEDMENT CONTROL NOTES

A pre-construction meeting must occur with the Howard County
Department of Public Works, Construction Inspection Division (CDI),
410-313-1855 after the future LOO and protected areas are marked
clearly in the field. A minimum of 48 hour notice to CDI must be
given at the heater of a reth disturbance.

Division of the heater of a reth disturbance and the heater of a reth disturbance or grading,
and the standard of the heater of a reth disturbance or grading.

Prior to the start of another phase of construction or opening of
another grading unit,
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 the inspection appears in make. Other related state and federal permits shall be referenced, to ensure coordination and to avoid conflicts with this plan.

evoid connects with this pion.

All vegetable and structural practices are to be installed according to the provisions of this pion 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 solutions of the permanent of temporary solutions of all permanent or temporary solutions of all permanent or temporary solutions of the permanent of temporary solutions of the permanent of temporary solutions of the permanent of the disturbed oreos on the project site except for those oreos under active groding.

All disturbed oreos must be stabilized within the time period specified slower in accordance with the 2011 MARTAMU STANDARDS AND specified slower in accordance with the 2011 MARTAMU STANDARDS AND (Sec. B-4-2), permanent seeding (Sec. B-4-3), temporary seeding (Sec. B-4-4) and mulching (Sec. B-3). Temporary stabilization with mulch alone can only be applied between the fall and spring seeding dotes if the ground is Tracen. Incremental stabilization (Sec. B-4-4) specifications shall be enforced in areas with 515° of cut and/or with stable outlet. All concentrated flow, steep slope, and highly erablished receives soil stabilization matting (Sec. B-4-6).

removal has been octoned from the Jul.

6. Site Androjis:

Total Area of Site:

Area Disturbed:

Area to be profled or powed:

Area to be roofled or powed:

Control Cut.

Total Fit:

Offsite waste/borrow area location:

Offsite waste/borrow area location:

To be determine

Any sediment control practice which is disturbed by grading activity for placement of utilities must be repaired on the same day of disturbance.

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 nest day ofter each rain event. A written report by the control of the nest day ofter each rain event. A written report by the condition of the number of the property is part of every inspection of the number of the

9. Trenches for the construction of utilities is limited to three pipe lengths or that which can and shall be back-filled and stabilized by the end of each workday, whichever is shorter.

Any major changes or revisions to the plan or sequence of construction must be reviewed and approved by the HSCD prior to proceeding with construction. Minor revisions may allowed by the CID per the list of HSCD-approved field changes.

the list of HSCD-approved field changes.

Disturbance shall not occur outside the LOD. A project is to be sequenced so that grading activities begin on one grading until (maximum caregos of 20 oc. per grading until) at a time. Work may proceed to a subsequent grading until when at least 50 percent of the disturbed area the preceding grading until has been stabilized and approved by the CD. Unless otherwise specified and approved by the CD. Unless otherwise specified and approved by the CSCD, no more than 30 acres cumulatively may be disturbed at a given time.

Wash water from any equipment, vehicles, wheels, povernent, and other sources must be treated in a sediment basin or other approved washout structure.

Topsoil shall be stockpiled and preserved on-site for redistribution onto find grade.

15. Stream channels must not be disturbed during the following restricted time periods (inclusive):
a) Use I and IP March 1 - June 15
b) Use III and III October 1 - April 30
c) Use IV March 1 - May 31

16. A copy of this plan, the 2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL, and associated permits shall be on-site and available when the site is active.

2. For sites having soil tests performed, use and show the recommended rates by the testing opency. Soil tests are not required for Temporary Seeding.

3. When stabilization is required outside of a seeding season, apply seed off muchor or stree muchod one as prescribed in Section 8-4-3.A. b. and maintain until the next seeding season.

Temporary Seeding Summary

Hardiness Zone (from Figure 8.3): ZONE 6b.
Seed Mixture (from Table 8.3):

Application Seeding Seeding Rote (10-20-20) L Ratia (B/ac)

Mar. 1 to
May 15.

May 15.

May 15.

May 15.

May 15.

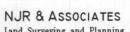
May 15.

May 16.

May 16 Coal Season Annual Ryegrass or Equal Warm Season Faxtal Millet or Equal May 16 to 1/2 in July 31. 30 lb/oc



PLAN PREPARED BY



Land Surveying and Planning 2770 STATE ROUTE 32 WEST FRIENDSHIP, MD 21794 TEL: (240) 508-3200



PROFESSIONAL CERTIFICATION

DEVELOPER CROSEN HOMES 3785 SHADY LANE GLENWOOD, MD 21738

OWNER STEPHEN & TINA HOCHSTETLER. 21501 GOSHEN HUNT LANE GAITHERSBURG, MO 20882 (240) 9381-1011

SITE DETAILS AND NOTES

PROPERTY OF NICOLAS O. SHARP PLAT No. 25114, ZONING: RR-DEO
3720 SHAPP ROAD, GLENWOOD, MD 21738
TAX MAP 21, GRID 12, PARCEL 200
4TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND

DATE : SEP. 26, 2019 | SHEET : 2 OF 2 SCALE: 1" = 30' JOB NO.: 3548

