DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS 3430 COURT HOUSE DRIVE ELLODIT CITY, MD 21043 PERMITS (410) 313-3458 INSPECTIONS (410) 313-1810 AUTOMATED INFORMATION (410) 313-3800

Distribution of Copies-T:Norms\PERMIT.FRM

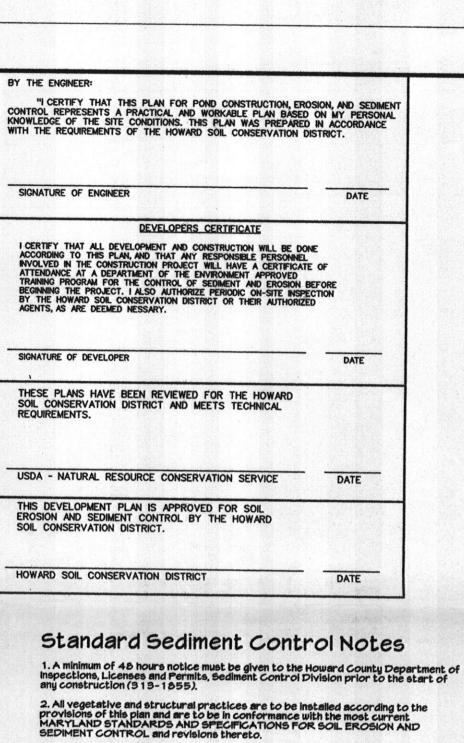
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Rev. 11/4//04

HOWARD COUNTY

PERMIT	NUMBER
--------	---------------

<u> </u>	L CIVIAN AL	FLICATION	000/0/
Building Address 1230 (MTF)	NOOL RD.	Property Owner's Name	NUNCUS
SYFT VILLE KIT. ST	1 1 2	Address	
		ACCOUNTY TO ACCOUNTY	11 17.
Suite/Apt. #: SDP/WP/Pe			4 4 4
Census Tract Subdivision	4	City State	
SectionArea	Lot	Home Phone Work	Phone
Tax MapParcel	Grid	Applicant's Name & Mailing Address, (if oth	er than stated hereon):
Zoning Map Coordinates		Phone Fax	
	and prince	Contractor Company	ra, r
Existing Use Proposed Use			Capital
Estimated Construction Cost \$	y towards	Contact Person	
Description of Work	1000 /ALLA	Address	
ATTO ONE SONOM.		Address	
		City 2 1 1 State	Zip Code
TAIN TAIN		License No. 14	
	· · · · · · · · · · · · · · · · · · ·		3 - 1 V
Occupant or Tenant		Engineer or Architect Company	
Contact Name	· · · · · · · · · · · · · · · · · · ·	Contact Person	
Address			
City State	Zip Code	Address	
Julio_		Cit.	70
Phone Fax	,	City State	Zip Code
		Phone Fax	
BUILDING DESCRIPTION	N - COMMERCIAL	BUILDING DESCRIPT	ION - RESIDENTIAL
Building Characteristics	Utilities	Building Characteristics	Utilities
Height:	Water Supply:	SF Dwelling SF Townhouse	Water Supply:
No. of stories:	Public Private	Depth Width 1st floor:	Public Private
No. of Glorios.	Sewage Disposal:	2nd floor:	Sewage Disposal:
Gross area, sq. ft. per floor:	Public Private	Basement:	Public Private
	Electric Yes □ No □	Finished Basement ☐ Unfinished Basement☐ Crawl space ☐ Slab on Grade ☐	Electric Yes □ No □
Use group:	Gas Yes □ No □	No. of Bedrooms	Gas Yes □ No □
	Heating System:	Multi-family dwellings: No. of efficiency units:	Heating System:
Construction type: Reinforced Concrete	Electric □ Oil □ Natural Gas □	No. of 1 BR units: No. of 2 BR units:	Electric □ Oil □ Natural Gas □
Structural Steel	Propane Gas	No. of 3 BR units:	Propane Gas .
Masonry Wood Frame	0 1/0	Other Structure:	Sprinkler system: N/A □
vvood Frame	Sprinkler system: N/A 🗆	Dimensions:	NFPA #13D NFPA #13R
State Certified Modular	Partial Other Suppression	Roof Height:	Other:
	# of Heads	State Certified Modular Manufactured Home	
HOWARD COOKIT WHICH ARE APPLICABLE INEREIO, (4) INAI HE	ISHE WILL PERFORM NO WORK ON THE ABOVE REF	PLICATION; (2)THAT THE INFORMATION IS CORRECT; (3) THAT HE/SHE VERNCED PROPERTY NOT SPECIFICALLY DESCRIBED IN THIS ARRIVANT	MILL COMPLY WITH ALL REGULATIONS OF ON: (5) THAT HE/SHE GRANTS COLARY OFFICE OF
THE RIGHT TO ENTER ONTO THIS PROPERTY FOR THE PURPOSE OF	FINSPECTING THE WORK PERMITTED AND POSTING	NOTICES.	, (-)
Applicant's Signature		Print Name	
Tight of the Art		Frint Name	
Title/Company	Chanks noughlo to: DIRECTOR O	Date OF FINANCE OF HOWARD COUNTY	
	** PLEASE WRITE N	EATLY AND LEGIBLY. **	
AGENCY DATE		DPZ SETBACK INFORMATION	PROPERTY ID#:
Land Development, DPZ			g fee \$
State Highways		Rear: Perr	nit fee \$
Building Official Dev. Engineering, DPZ		Side: Exci	se tax \$
Health 4/23/2008	Spicken		TALFEES \$
Fire Protection			-total peid \$
ts Sediment Control approval required prior to	issuance?	Is Entrance Permit required? Bala	nce due \$
YES D NO D		YES NO Che	THE RESERVE OF THE PARTY OF THE
CONTINGENCY CONSTRUCTION	N START:	Historic District? Valid	dation #
ONE STOP SHOP:		Lot Coverage for NewTown Zone	
		SDP/Red-line approval date	Accepted by
Distribution of Copies- White: Building C	Official Green: LDD, DPZ	Yellow: DED, DPZ Pinic Health	Gold: SHA



3. 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 greater than 3:1,b) 14 days as to all other disturbed or graded areas on the project site. 4. All sediment traps/basins shown must be fenced and warning signs posted around their perimeter in accordance with Vol. 1, Chapter 12 of the HOWARD COUNTY DESIGN MANUAL, Storm Drainage.

5. 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 germination and establishment of grasses.

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

7. Site Analysis: Total Area of Site Area Disturbed
Area to be roofed or paved
Area to be vegetatively stabilized Offsite waste/borrow area location

PERSPECTIVE VIEW

JOINING TWO ADJACENT SILT

Construction Specifications

TENSILE STRENGTH 50 LB5/IN (MIN.) TEST: MSMT 509

TENSILE MODULUS 20 LBS/IN (MIN.) TEST: MSMT 509

1. FENCE POSTS SHALL BE A MINIMUM OF 36" LONG DRIVEN 16" MINIMUM INTO THE

GROUND. WOOD POSTS SHALL BE 15" X 15" SQUARE (MINIMUM) GUT, OR 1%" DIAMETER

STANDARD T OR U SECTION MEIGHTING NOT LESS THAN 1.00 POUND PER LINEAR FOOT

2. GEOTEXTILE SHALL BE PASTENED SECURELY TO EACH PENCE POST WITH WIRE TIES

OR STAPLES AT TOP AND MID-SECTION AND SHALL MEET THE FOLLOWING REQUIREMENTS FOR

(MINIMUM) ROUND AND SHALL BE OF SOUND QUALITY HARDWOOD. STEEL POSTS WILL BE

FENCE SECTIONS

GEOTEXTILE CLASS F:

3:1 to 2:1

2:1 and steeper

8. Any sediment control practice, which is disturbed by grading activity for placement of utilities, must be repaired on the same day of disturbance. 9. Additional sediment control must be provided, if deemed necessary by the Howard County Sediment Control Inspector. 10. On all sites with disturbed areas in excess of 2 acres, approval of the inspection agency shall be requested upon completion of installation of perimeter erosion and sediment controls, but before proceeding with any other earth disturbance or grading. Other building or grading inspection approvals may not be authorized until this initial approval by the inspection agency is made.

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

DETAIL 22 - SILT FENCE

EMBED GEOTEXTILE GLASS F

A MINIMUM OF 8" VERTICALLY

SECTEXTILE CLASS

FENCE POST SECTIO MINIMUM 20" ABOVE GROUND

- FENCE POST DRIVEN

STANDARD SYMBOL

CROSS SECTION

250 feet

125 feet

STANDARDS AND SPECIFICATIONS FOR TOPSOIL CONSTRUCTION AND MATERIAL SPECIFICATIONS

I. Topsoil salvaged from the existing site may be used provided that it meets the standards as set forth in these specifications. Typically, the depth of topsoil to be salvaged for a given soil type can be found in the representative soil profile section in the Soil Survey published by USDA-SCS in cooperation with Maryland Agricultural Experimental Station.

II. Topsoil Specifications - Soil to be used as topsoil must meet the following: i. Topsoll shall be a loam, sandy loam, clay loam, silt loam, sandy clay loam, loamy sand. Other solls may be used if recommended by an agronomist or soll scientist and approved by the appropriate approval authority. Regardless, topsoll shall not be a mixture of contrasting textured subsolls and shall contain less than 5% by volume of cinders, stones, siag, coarse fragments, gravel, sticks, roots, trash, or other materials larger that 1 < in diameter.

ii. Topsoli must be free of plants or plant parts such as bermuda grass, quaci grass, Johnson grass, nutsedge, poison ivy, thistle, or others as specified. iii. Where the subsoil 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.

I. Place topsoli (if required) and apply soil amendments as specified in 20.0 Yegetative Stabilization - Section I - Yegetative Stabilization Methods and Materials.

IV. For sites having disturbed areas over 5 acres: i. On soil meeting Topsoil specifications, obtain test results dictating fertilizer and lime amendments required to bring the soil into compliance with the following: a) pH for topsoli shall be between 6.0 and 7.5. If the tested soil demonstrates a pH of less than 6.0, sufficient lime shall be prescribed to raise the pH to 6.5 or higher.

b) Organic content of topsoil shall be not less than 1.5 percent by weight. c) Topsoil having soluble salt content greater than 500 parts per million shall not be used.

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

 ii. Place topsoil (if required) and apply soil amendments as specified in 20.0 Vegetative Stabilization - Section I - Vegetative Stabilization Methods and Materials. V. Topsoil Application

i. When topsolling, maintain needed erosion and sediment control practices such as diversions, grade stabilization structures, earth dikes, slope slit fence and sediment traps and basins. II. Grades on the areas to be topsolied, which have been previously established, shall be maintained, albeit 4"-8" higher in elevation. III. Topsoil shall be uniformly distributed in a 4"-8" layer and lightly compacted to a minimum thickness of 4". Spreading shall be performed in such a manner that sodding or seeding can proceed with a minimum of additional soil. ly. preparation and tillage. Any irregularities in the surface resulting from topsoiling or other operations shall be corrected in order to prevent the formation of depressions or water pockets.

v. Topsoll shall not be placed while the topsoll or subsoll is in a frozen or muddy condition, when the subsoll is excessively wet or in a condition that may otherwise be detrimental to proper grading and seedbed preparation. VI. Alternative for Permanent Seeding - Instead of applying the full amounts of lime and commercial fertilizer, composted sludge and amendments may be applied as specified below:

I. Composted Sludge Material for use as a soil conditioner for sites having disturbed areas over 5 acres shall be tested to prescribe amendments and for sites having disturbed areas under 5 acres shall conform to the following a) Composted sludge shall be supplied by, or originate from, a person or persons that are permitted (at the time of acquisition of the compost) by the Maryland Department of the Environment under COMAR 26.04.06.

b) Composted sludge shall contain at least 1 percent nitrogen, 1.5 percent phosphorus, and 0.2 percent potassium and have a pH of 7.0 to 8.0. If compost does not meet these requirements, the appropriate constituents mube added to meet the requirements prior to use. c) Composted sludge shall be applied at a rate of 1 ton/1,000 square feet.

NOTE: FENCE POST SPACING CENTER TO CENTER TINTEN TO THE TOTAL TO GROUND CHAIN LINK FE 2 1/2 DIAMETER WITH 1 LAYER OF OR ALUMINUM FILTER CLOTH OVER

DETAIL 33 - SUPER SILT FENCE

1/2" DIAMETER GALVANIZED OR FILTER CLOTH _ 99" MINIMUM- POST AND 2ND LAYER FILTER CLOTH - 16" MIN. 1ST LAYER OF FILTER CLOTH . EMBED FILTER CLOTH 8" ____ MINIMUM INTO GROUND STANDARD SYMBOL " IF MULTIPLE LAYERS ARE REQUIRED TO ATTAIN 42"

CONSTRUCTION SPECIFICATIONS LATEST MARYLAND STATE HIGHWAY DETAILS FOR CHAIN LINK FENCING. THE SPECIFICATION FOR A 6'FENCE SHALL BE USED, SUBSTITUTING 42" FABRIC AND 6' LENGTH

1. THE POLES DO NOT NEED TO SET IN CONCRETE 2. CHAIN LINK FENCE SHALL BE FASTENED SECURELY TO THE FENCE POSTS WITH WIRE TIES. THE LOWER TENSION MIRE, 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 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 GLOTH ADJOIN EACH OTHER, THEY SHALL BE OVERLAPPED

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 GEOTEXTILE CLASS F:

TENSILE STRENGTH 50 LBS/IN (MIN.) TEST: MSMT 509 TENSILE MODULUS 20 LBS/IN (MIN.) TEST: MSMT 509 FLOW RATE 0.9 GALZ/FT /MINUTE (MAX.) TEST: MSMT 822 FILTERING EFFICIENCY 75% (MIN.) TEST: MSMT 322

2x1000-gal \$ 1x500-gal underground. approved as-slown

PLAT 13325

REGULATIONS.

ii. Composted sludge shall be amended with a potassium fertilizer applied at the rate of 4 10/1000 square feet, and 1/3 the normal lime application rate.

HOWARD SOIL CONSERVATION DISTRICT PERMANENT SEEDING NOTES APPLY TO GRADED OR CLEARED AREAS NOT SUBJECT TO IMMEDIATE FURTHER DISTURBANCE MHERE A PERMANENT LONGLIVED VEGETATIVE COVER IS NEEDED.

SEEDBED PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISKING OR OT HER ACCEPTABLE MEANS BEFORE SEEDING, IF NOT PREVIOUSLY LOOSENED. SOIL AMENDMENTS IN LIEU OF SOIL TEST RECOMMENDATIONS, USE ONE OF THE POLLOWING SCHEDULES:

1) PREFERRED- APPLY 2 TONS PER ACRES DOLOMITIC LIMESTONE (92 LBS/1000 SQ.FT.) AND 600 LBS, PER ACRE 10-10-10 FERTILIZER (14 LBS/1000 SQ.FT.) BEFORE SEEDING. HARROM OR DISK INTO UPPER THREE INCHES OF SOIL. AT TIME OF SEEDING, APPLY 400 LBS. PER ACRE 30-0-0 UREAFORM FERTILIZER (9 LBS/1000 SQ.FT.) 2) ACCEPTABLE- APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS./ 1000 SQ. FT.) AND 1000 LBS. PER ACRE 10-10-10 FERTILIZER (23 LBS./ 1000 SQ.FT.) BEFORE SEEDING. HARROW OR DISK INTO UPPER THREE INCHES OF SOIL.

SEEDING- FOR THE PERIODS MARCH 1 THROUGH APRIL 30, AND AUGUST 1 THROUGH OCTOBER 15, SEED MITH 60 LBS, PER ACRE (1.4 LBS./ 1000 SQ. FT.) OF KENTUCKY 31"TALL FESCUE, FOR THE PERIOD MAY 1 THROUGH JULY 31, SEED MITH 60 LBS. KENTUCKY 31"TALL FESCUE PER ACRE AND 2 LBS. PER ACRE (0.5 LBS./ 1000 SQ.FT.) OF MEEPING LOVEGRASS, DURING THE PERIOD OF OCTOBER 16 THROUGH FEBRUARY 28. PROTECT SITE BY: OPTION (1) 42 TONS PER ACRE OF WELL-ANCHORED STRAM MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING. OPTION (2)-USE SOD. OPTION (3)-SEED MITH 60 LBS./ ACRE KENTUCKY 31"TALL PESCUE AND MULCH MITH 2 TON/ACRE WELL-ANCHORED STRAM.

MULCHING-APPLY 1-1/2 TO 2 TONS PER ACRE (70 TO 90 LBS/1000 SQ. FT.)
OF UNROTTED SMALL GRAIN STRAM IMMEDIATELY AFTER SEEDING.
ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING A MULCH
ANCHORING TOOL OR 218 GALLONS PER ACRE (5 GAL/1000 SQ.FT.) OF
EMULSIFIED ASPHALT ON PLAT AREAS ON SLOPES OF 8 FEET OR HIGHER,
USE 348 GALLONS PER ACRE (8 GAL/1000 SQ.FT.) FOR ANCHORING. MAINTENANCE- INSPECT ALL SEEDING AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDINGS.

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, DISKING, OR OTHER ACCEPTABLE MEANS BEFORE SEEDING IF NOT PREVIOUSLY LOOSENED.

SOIL AMENDMENTS: APPLY 600 LBS. PER ACRE 10-10-10 FERTILIZER (14 LBS./ SEEDING: FOR PERIODS MARCH 1 THROUGH APRIL 30 AND AUGUST 15 THROUGH OCTOBER 15, SEED WITH 2-1/2 BUSHEL PER ACRE OF ANNUAL RYE (3.2 LB5/1000 5Q, FT.) FOR THE PERIOD OF MAY 1 THROUGH AUGUST 14, SEED WITH 3 LB5, PER ACRE OF WEEPING LOVEGRASS (0.7 LB5/1000 5Q,FT.) FOR THE PERIOD OF NOVEMBER 16 THROUGH NOVEMBER 25, 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 LBS/1000 SQ.FT.)
OF UNROTTED MEED FREE SMALL GRAIN STRAW IMMEDIATELY AFTER
SEEDING. ANCHOR IMMEDIATELY AFTER APPLICATION USING MULCH
ACHORING TOOL OR 218 GAL PER ACRE (5 GAL/1000 SQ.FT.) OF EMULSIFIED
ASPHALT ON FLAT AREAS. ON SLOPES 8 FEET OR HIGHER, USE 348 GAL PER
ACRE (8 GAL/1000 SQ.FT.) FOR ANCHORING. REFER TO THE 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR ADDITIONAL RATES AND METHODS NOT COVERED.

GENERAL NOTES

1. THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE

2. THERE ARE NO OTHER EXISTING WELLS AND/OR SEPTIC AREAS WITHIN 100 FEET OF THIS PROPERTY, FROM FIELD INSPECTION BY C.L.S.I. INC.

3. ALL HOUSE SITES SHOWN COMPLY WITH MINIMUM BUILDING RESTRICTION

ALL EXISTING TOPO ELEVATIONS SHOWN ON THIS PLAN ARE BASED ON FIELD RUN SURVEY PREPARED BY C.L.S. Inc. AND ALSO HOWARD COUNTY '2004' TOPOGRAPHY MAP. THE HORIZONTAL DATUM IS THE MARYLAND COORDINATE SYSTEM N.A.D. 1983 AND VERTICAL DATUM IS BASED ON

5. "ANY CHANGES TO A PRIVATE SEWAGE EASEMENT SHALL REGUIRE A REVISED PERCOLATION CERTIFICATION PLAN."

FLOW RATE 0.9 GAL FT 7 MINUTE (MAX.) TEST: MSMT 922 TEST: MSMT 922 9. WHERE ENDS OF GEOTEXTILE FABRIC COME TOGETHER, THEY SHALL BE OVERLAPPED, FOLDED AND STAPLED TO PREVENT SEDIMENT BYPASS 4. SILT FENCE SHALL BE INSPECTED AFTER EACH RAINFALL EVENT AND MAINTAINED WHEN BULGES OCCUR OR WHEN SEDIMENT ACCUMULATION REACHED 50% OF THE FABRIC HEIGHT.

Silt Fence Length Slope Steepness Flatter than 50:1 50:1 to 10:1 1,000 feet 10:1 to 5:1 750 fee 5:1 to 3:1 500 feet

Silt Fence Design Criteria

IOTE: IN AREAS OF LESS THAN 2% SLOPE AND SANDY SOILS (USDA GENERAL CLASSIFICATION SYSTEM, SOIL CLASS A) MAXIMUM SLOPE LENGTH AND SILT FENCE LENGTH WILL BE UNLIMITED. IN THESE AREAS A SILT FENCE MAY BE THE ONLY PERIMETER CONTROL

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. BUILD

HOUSE (6 MOS.)

I. AFTER THE SITE IS STABILIZED AND PERMISSION IS GRANTED FROM THE SEDIMENT CONTROL INSPECTOR, REMOVE SEDIMENT CONTROLS AND STABILIZE ANY REMAINING DISTURBED AREAS. (2 DAYS)

SOILS DATA

DESIGN CRITERIA

(MAXIMUM)

200 FEET

100 FEET

100 FEET

HOUSE

AREA

272'

LOT 3

HOUSE GRADING & SEPTIC

DESIGN LAYOUT

SCALE: 1"- 50"

PLAT 13325

HOUSE DETAIL LOT

3.00 AC.

STEEPNESS

10:1 - 5:1

0-10:1

3:1 - 2:1

10-20%

SLOPE LENGTH SILT FENCE LENGTH

(MAXIMUM)

1.500 FEET

1,000 PEET

GARAGE

SOILS SYMBOL SOILS SERIES SOIL HSG GNB GLENVILLE GgB GLENELG LOAM GgC GLENELG LOAM

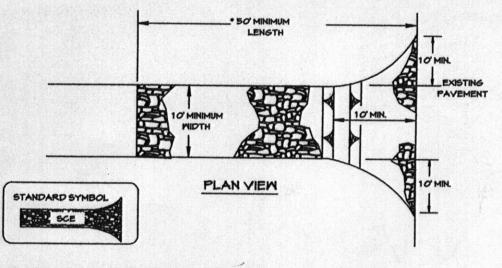
SEPTIC SYSTEM NOTES

1. SEPTIC EASEMENT SUBJECT TO HOWARD COUNTY HEALTH DEPARTMENT NO.:
2. PROPOSED 1500 GALLON SEPTIC TANK.
3. A. FIRST FLOOR ELEVATION:
B. BASEMENT ELEVATION:
C. INVERT OF SEPTIC SYSTEM AT HOUSE:
D. INVERT AT SEPTIC TANK:
E. INVERT OUT AT SEPTIC TANK:
F. PROPOSED GRADE OVER SEPTIC TANK:
G. INVERT AT DISTRIBUTION BOX:
H. EXISTING GROUND OVER DISTRIBUTION BOX:
4. LENGTH OF TREIICH TO BE DETERMINED AT TIME OF SEPTIC PERMIT ISSUANCE.
EGINNING ANY CONSTRUCTION.

BUILDER TO VERIFY AVAILABILTY OF BASEMENT SEMER SERVICE PRIOR TO DWELLING STAKEOUT.

VICINITY MAP Scale: 1"=2000"

DETAIL 24 - STABILIZED CONSTRUCTION ENTRANCE EXISTING PAVEMEN ** GEOTEXTILE CLASS'C' OR BETTER MINIMUM 6" OF 2"-3" AGGREGAT OVER LENGTH AND WIDTH OF PROFILE - 50 MINIMUN LENGTH



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 RESIDENCES TO USE GEOTEXTILE

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 MATER - ALL SURFACE MATER 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 MITH 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 CONSTRUCION ENTRANCE.

LEGEND DENOTES FAILED PERCS

DENOTES APPROVED PERC HOLE LOCATIONS

DENOTES EXISTING WELL LOCATION DENOTES STABILIZED CONSTRUCTION ENTRANCE

DENOTES FLOW DIRECTION 500 DENOTES EXISTING CONTOURS DENOTES SILT FENCE

DENOTES SUPER SILT FENCE -LOD- DENOTES LIMIT OF DISTURBANCE

DENOTES 25% SLOPES DENOTES SOIL LINES

DENOTES HUNG SEWER

BUILDING PERMIT #

PLAN TO ACCOMPANY APPLICATION FOR BUILDING PERMIT LOT #12 1230 M. UNDERMOOD ROAD (A RESUBDIVISION OF LOTS 1 & 2 PLAT #12582

> BROCH NA DUN 4TH ELECTION DISTRICT . HOWARD COUNTY, MARYLAND PLAT NO. 13325

PERCOLATION TEST RESULTS, A-56381-B

Engineers * Surveyors * Land Development Consultants Landscape Architects * Environmental Specialists 439 East Main Street Westminster, MD 21157-5539 (410) 848-1790 FAX (410) 876-0009

DATE

05/17/07 Drawn By: SCH Drawing No.: 2007112 JEP checked By: County File No.:

County File No. F- -

DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS
3430 COURT HOUSE DRIVE
ELLICOTT CITY, MD 21043
PERMITS (410) 313-2435 INSPECTIONS (410) 313-1810
AUTOMATEO INFORMATION (410) 313-3900

HOWARD COUNTY

Charles dente and the season of the season o

PERMIT NUMBER

Gold: SHA

Rev. 11/4//04

Pink; Health

	PERMIT AP	PLICATION	Do	30007/8
Building Address	etition #: Lot Grid 9-8 Lot size	Property Owner's Name Address City Phone Applicant's Name & Mailing	State	Zip Code 2002 mer than stated hereon): State 201 Man 5784
Proposed Use To Cate > Cate		Contact Person		
Estimated Construction Cost \$	66	- Fursty 30	NEY	·
Description of Work	21126	Address	to the c	<u> </u>
		City License No. Phone		2ip Code 21784
Occupant or Tenant		Engineer or Architect Cor	mpany / ///	it de Homes
Contact Name		Contact Person		
Address		Address,	,	
CityState _	Zip Code	City	State	Zip Code
Phone Fax		Phone 416 549 446	Fax 4	116 349 4446
BUILDING DESCRIPTION	- <u>COMMERCIAL</u>	BUILDI	ING DESCRIPT	ION - RESIDENTIAL
Building Characteristics	<u>Utilities</u>	Building Charact	teristics	<u>Utilities</u>
Height: No. of stories:	Water Supply: Public Private Sewage Disposal: Public Private	SF Dwelling A SF Tov Debth 1st floor: 2nd floor: Basement:	vnhouse □ <u>Width</u>	Water Supply: Public Private Sewage Disposal: Public Private
Gross area, sq. ft. per floor: Use group:	Electric Yes \(\text{No} \(\text{D} \) Gas Yes \(\text{No} \(\text{D} \)	Finished Basement Unfin Crawl space Slab on C	Grade □	Electric Yes 🗹 No 🗆
Construction type: Reinforced Concrete Structural Steel Masonry	Heating System: Electric □ Oil □ Natural Gas □ Propane Gas □	Height: Multi-family dwellings: No. of efficiency units: No. of 1 BR units: No. of 2 BR units: No. of 3 BR units:		Heating System: Electric □ Oil □ Natural Gas □ Propane Gas □ Sprinkler system: N/A □
Wood Frame	Sprinkler system: N/A	Other Structure: Dimensions: Footings: Roof Height:	Carp.	NFPA #13D NFPA #13R Other:
State Certified Modular	Other Suppression # of Heads	State Certified Mod		
THE UNDERSIGNED HEREBY CERTIFIES AND AGREES AS FOLLOW HOWARD COUNTY WHICH ARE APPLICABLE THERETO; (4) THAT I OFFICIALS THE RIGHT TO ENTER ONTO THIS PROPERTY FOR THE I Applicant's Signature Title/Company	IE/SHE WILL PERFORM NO WORK ON THE ABOVE RE PURPOSE OF INSPECTING THE WORK PERMITTED AI	Print Name	LY DESCRIBED IN THIS APP	/SHE WILL COMPLY WITH ALL REGULATIONS OF PLICATION; (5) THAT HE/SHE GRANTS COUNTY
AGENCY Land Development, DPZ State Highways Building Official Dev. Engineering, DPZ Health Fire Protection Is Sediment Control approval required prior to YES NO CONTINGENCY CONSTRUCTION ONE STOP SHOP:	PLEASE WRITE NEA-FOR OFFICE SIGNATURE APPROVAL Dissuance?	ATLY AND LEGIBLY.** IE USE ONLY - DPZ SETBACK I Front: Rear: Side: Side St.: All minimum setbacks met? YES □ NO □ Is Entrance Perm YES □ NO □ Historic District? YES □ NO □ Lot Coverage for NewTown	NFORMATION Fillin Perr Exci Add TO1 Sub nit required? Bala Che	dation #
		SDP/Red-line approval date		Accepted by

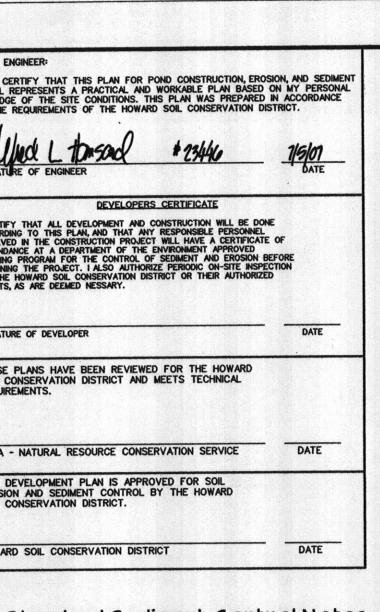
Green: LDD, DPZ

Yellow: DED, DPZ

White: Building Official

Distribution of Copies-

T:\forms\PERMIT.FRM



Standard Sediment Control Notes

2. All vegetative and structural practices are to be installed 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.

3. 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 greater than 3: 1, b) 14 days as to all other disturbed or graded areas on the project site. 4. All sediment traps/basins shown must be fenced and warning signs posted around their perimeter in accordance with Vol. 1, Chapter 12 of the HOMARD COUNTY DESIGN MANUAL, Storm Drainage.

5. 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 germination and establishment of grasses.

Any sediment control practice, which is disturbed by grading activity for placement of utilities, must be repaired on the same day of disturbance. 9. Additional sediment control must be provided, if deemed necessary by the Howard County Sediment Control Inspector.

10. On all sites with disturbed areas in excess of 2 acres, approval of the inspection agency shall be requested upon completion of installation of perimeter erosion and sediment controls, but before proceeding with any other earth disturbance or grading. Other building or grading inspection approvals may not be authorized until this initial approval by the inspection agency is made.

DETAIL 22 - SILT FENCE

PERSPECTIVE VIEW

3:1 to 2:1

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

STANDARDS AND SPECIFICATIONS FOR TOPSOIL CONSTRUCTION AND MATERIAL SPECIFICATIONS

I. Topsoil salvaged from the existing site may be used provided that it meets the standards as set forth in these specifications. Typically, the depth of topsoil to be salvaged for a given soil type can be found in the representative soil profile section in the Soil Survey published by USDA-SCS in cooperation with Maryland Agricultural Experimental Station.

II. Topsoil Specifications - Soil to be used as topsoil must meet the following: i. Topsoli shall be a loam, sandy loam, clay loam, slit loam, sandy clay loam, loamy sand. Other solls may be used if recommended by an agronomist or soll scientist and approved by the appropriate approval authority. Regardless, topsoll shall not be a mixture of contrasting textured subsolls and shall contain less than 5% by volume of cinders, stones, slag, coarse fragments, grayel, sticks, roots, trash, or other materials larger that 1 «" in diameter.

ii. Topsoil must be free of plants or plant parts such as bermuda grass, quack grass, Johnson grass, nutsedge, poison ivy, thistle, or others as specified iii. Where the subsoli 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 topsoli. Lime shall be distributed uniformly over designated areas and worked into the soil in conjunction with tillage operations as described in the following procedures.

III. For sites having disturbed areas under 5 acres: I. Place topsoil (if required) and apply soil amendments as specified in 20.0 Vegetative Stabilization - Section I - Vegetative Stabilization Methods and Materials.

IV. For sites having disturbed areas over 5 acres: i. On soil meeting Topsoil specifications, obtain test results dictating fertilizer and lime amendments required to bring the soil into compliance with the following: a) pH for topsoil shall be between 6.0 and 7.5. If the tested soil demonstrates a pH of less than 6.0, sufficient lime shall be prescribed to raise the pH to 6.5 or higher.

b) Organic content of topsoil shall be not less than 1.5 percent by weight. c) Topsoil having soluble salt content greater than 500 parts per million shall not be used.

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

V. Topsoli Application i. When topsoiling, maintain needed erosion and sediment control practices suc as diversions, grade stabilization structures, earth dikes, slope slit fence and sediment traps and basins.

ii. Grades on the areas to be topsolled, which have been previously established, shall be maintained, albeit 4"-8" higher in elevation. iii. Topsoil shall be uniformly distributed in a 4"-8" layer and lightly compacted to a minimum thickness of 4". Spreading shall be performed in such a manner that sodding or seeding can proceed with a minimum of additional soil.

v. Topsoil shall not be placed while the topsoil or subsoil is in a frozen or muddy condition, when the subsoil is excessively wet or in a condition that may otherwise be detrimental to proper grading and seedbed preparation. VI. Alternative for Permanent Seeding - Instead of applying the full amounts of lime and commercial fertilizer, composted sludge and amendments may be applied as specified below:

b) Composted sludge shall contain at least 1 percent nitrogen, 1.5 percent phosphorus, and 0.2 percent potassium and have a pH of 7.0 to 8.0. If compost does not meet these requirements, the appropriate constituents must be added to meet the requirements prior to use.

c) Composted sludge shall be applied at a rate of 1 ton/1,000 square feet. ii. Composted sludge shall be amended with a potassium fertilizer applied at the rate of 4 lb/1,000 square feet, and 1/3 the normal lime application rate.

HOWARD SOIL CONSERVATION DISTRICT PERMANENT SEEDING NOTES

APPLY TO GRADED OR CLEARED AREAS NOT SUBJECT TO IMMEDIATE FURTHER DISTURBANCE WHERE A PERMANENT LONGLIVED VEGETATIVE COVER IS NEEDED.

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

SOIL AMENDMENTS IN LIEU OF SOIL TEST RECOMMENDATIONS, USE ONE OF THE FOLLOWING SCHEDULES:

1) PREFERRED-APPLY 2 TONS PER ACRES DOLOMITIC LIMESTONE
(92 LBS/1000 SQ.FT.) AND 600 LBS. PER ACRE 10-10-10 FILIZER
(14 LBS/1000 SQ.FT.) BEFORE SEEDING. HARROW OR DISK INTO
UPPER THREE INCHES OF SOIL. AT TIME OF SEEDING, APPLY 400
LBS. PER ACRE 30-0-0 UREAFORM FERTILIZER (9 LBS/1000 SQ.FT.)

2) ACCEPTABLE- APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS/1000 SQ.FT.) AND 1000 LBS, PER ACRE 10-10-10 FERTILIZER (23 LBS/1000 SQ.FT.) BEFORE SEEDING. HARROW OR DISK INTO UPPER THREE INCHES OF SOIL.

SEEDING- FOR THE PERIODS MARCH 1 THROUGH APRIL 30, AND AUGUST 1 THROUGH OCTOBER 15, SEED WITH 60 LBS. PER ACRE (1.4 LBS./1000 SQ. FT.) OF KENTUCKY 31" TALL FESCUE, FOR THE PERIOD MAY 1 THROUGH JULY 31, SEED WITH 60 LBS. KENTUCKY 31" TALL FESCUE PER ACRE AND 2 LBS. PER ACRE (0.5 LBS./1000 SQ.FT.) OF WEEPING LOVEGRASS, DURING THE PERIOD OF OCTOBER 16 THROUGH FEBRUARY 28. PROTECT SITE BY: OPTION (1) 4 2 TONS FER ACRE OF WELL-ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING. OPTION (2)- USE SOD. OPTION (3)- SEED WITH 60 LBS./ACRE KENTUCKY 31" TALL FESCUE AND MULCH WITH 2 TON/ACRE WELL-ANCHORED STRAW.

MULCHING- APPLY 1-1/2 TO 2 TONS PER ACRE (10 TO 90 LBS/1000 SQ.FT.)
OF UNROTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING.
ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING A MULCH
ANCHORING TOOL OR 218 GALLONS PER ACRE (5 GAL/1000 SQ.FT.) OF
EMULSIFIED ASPHALT ON FLAT AREAS ON SLOPES OF 8 FEET OR HIGHER,
USE 348 GALLONS PER ACRE (8 GAL/1000 SQ.FT.) FOR ANCHORING.

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, DISKING, 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 PERIODS MARCH 1 THROUGH APRIL 30 AND AUGUST 15 THROUGH OCTOBER 15, SEED MITH 2-1/2 BUSHEL PER ACRE OF ANNUAL RYE (3.2 LBS/1000 SQ. FT.) FOR THE PERIOD OF MAY 1 THROUGH AUGUST 14, SEED MITH 3 LBS, PER ACRE OF MEEPING LOVEGRASS (0.7 LBS/1000 SQ.FT.) FOR THE PERIOD OF NOVEMBER 16 THROUGH NOVEMBER 28, FROTECT SITE BY APPLYING 2 TONS PER ACRE OF MELL ANCHORED STRAM MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING, OR USE SOD.

MULCHING: APPLY 1-1/2 TO 2 TONS PER ACRE (TO TO 90 LBS/1000 SQ.FT.)
OF UNROTTED MEED FREE SMALL GRAIN STRAM IMMEDIATELY AFTER
SEEDING. ANCHOR IMMEDIATELY AFTER APPLICATION USING MULCH
ANCHORING TOOL OR 218 GAL PER ACRE (5 GAL/1000 SQ.FT.) OF EMULSIFIED
ASPHALT ON PLAT AREAS. ON SLOPES 8 FEET OR HIGHER, USE 348 GAL PER
ACRE (8 GAL/1000 SQ.FT.) FOR ANCHORING.

MAINTENANCE- INSPECT ALL SEEDING AREAS AND MAKE NEEDED REPAIRS REPLACEMENTS AND RESEEDINGS.

TEMPORARY SEEDING NOTES

TINTIN TINTIN U CHAIN LINK FENC ,2 1/2" DIAMETER GALVANIZED OR ALUMINUM POSTS FILTER CLOTH . 16" MIN. 15T LAYER OF EMBED FILTER CLOTH 8" * IF MULTIPLE LAYERS ARE REQUIRED TO ATTAIN 42" CONSTRUCTION SPECIFICATIONS FENCING SHALL BE 42" IN HEIGHT AND CONSTRUCTED IN ACCORDANCE WITH THE

DETAIL 33 - SUPER SILT FENCE

1. THE POLES DO NOT NEED TO SET IN CONCRETE

EVERY 24" AT THE TOP AND MID SECTION.

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

NOTE: FENCE POST SPACING SHALL NOT EXCEED 10' 0-10% 10 - 20% STANDARD SYMBOL LATEST MARYLAND STATE HIGHMAY DETAILS FOR CHAIN LINK FENCING. THE SPECIFICATION FOR A 6' FENCE SHALL BE USED, SUBSTITUTING 42' FABRIC AND 6' LENGTH 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 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. 5. WHEN TWO SECTIONS OF FILTER GLOTH ADJOIN EACH OTHER, THEY SHALL BE OVERLAPPED BY 6" AND FOLDED. 6. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND SILT BUILDUPS REMOVED WHEN "BULGES" GEOTEXTILE GLASS F: TENSILE STRENGTH SO LBS/IN (MIN.) TEST: MSMT 509 TENSILE MODULUS 20 LBS/IN (MIN.) TEST: MSMT 509
FLOW RATE 0.5 GAL²/FT /MINUTE (MAX.) TEST: MSMT 522 FILTERING EFFICIENCY 75% (MIN.) TEST: MSMT 822 PLAT 11691

HOUSE DETAIL LOT 2 SCALE: 1"= 30 3.00 AC. AREA BEGIN SUPER SILT FENCE PLAT 13325 PLAT 13325 HOUSE GRADING & SEPTIC DESIGN LAYOUT

DESIGN CRITERIA

100 FEET

HOUSE

STEEPNESS (MAXIMUM)

10:1 - 5:1

3:1 - 2:1

SLOPE LENGTH SILT FENCE LENGTH

(MAXIMUM)

UNLIMITED

1,500 FEET

500 FEET

GARAGE

GENERAL NOTES

1. THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.

2. THERE ARE NO OTHER EXISTING WELLS AND/OR SEPTIC AREAS WITHIN 100 FEET OF THIS PROPERTY, FROM FIELD INSPECTION BY C.L.S.I. INC.

3. ALL HOUSE SITES SHOWN COMPLY WITH MINIMUM BUILDING RESTRICTION

ALL EXISTING TOPO ELEVATIONS SHOWN ON THIS PLAN ARE BASED ON FIELD RUN SURVEY PREPARED BY C.L.S. Inc. AND ALSO HOWARD COUNTY '2004' TOPOGRAPHY MAP. THE HORIZONTAL DATUM IS THE MARYLAND COORDINATE SYSTEM N.A.D. 1983 AND VERTICAL DATUM IS BASED ON N.A.V.D. 1988.

5. "ANY CHANGES TO A PRIVATE SEMAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN."

REFER TO THE 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR ADDITIONAL RATES AND METHODS NOT COVERED. Silt Fence Length

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. BUILD

AFTER THE SITE IS STABILIZED AND PERMISSION IS GRANTED FROM
THE SEDIMENT CONTROL INSPECTOR, REMOVE SEDIMENT CONTROLS
AND STABILIZE ANY REMAINING DISTURBED AREAS. (2 DAYS)

SOILS DATA

SCALE: 1"- 50"

SOILS SYMBOL	SOILS SERIES	SOIL HSG
GnB	GLENVILLE	В
GgB	GLENELG LOAM	В
egc	GLENELG LOAM	В

SEPTIC SYSTEM NOTES 1. SEPTIC EASEMENT SUBJECT TO HOWARD COUNTY HEALTH DEPARTMENT NO.
2. PROPOSED 1500 GALLON SEPTIC TANK (FOR A (4) FOUR BEDROOM)
3. A. FIRST FLOOR ELEVATION:

B. BASEMENT ELEVATION:

C. INVERT OF SEPTIC SYSTEM AT HOUSE:

D. INVERT AT SEPTIC TANK:

E. INVERT OUT AT SEPTIC TANK:

F. PROPOSED GRADE OVER SEPTIC TANK:

H. EXISTING GROUND OVER DISTRIBUTION BOX:

4. LENGTH OF TRENCH TO BE DETERMINED AT TIME OF SEPTIC PERMIT ISSUANCE.

5. CONTRACTOR / BUILDER TO VERIFY ELEVATIONS IN FIELD BEFORE
BEGINNING ANY CONSTRUCTION.

BUILDER TO VERIFY AVAILABILTY OF BASEMENT SEMER SERVICE PRIOR TO DWELLING STAKEOUT.

PUMP CHAMBER NOTES

STABILIZED

LEGEND

HOLE LOCATIONS

ENTRANCE

DENOTES SILT FENCE

DENOTES 25% SLOPES

DENOTES SOIL LINES

DENOTES FAILED PERCS

DENOTES EXISTING WELL LOCATION

DENOTES STABILIZED CONSTRUCTION

DATE

DENOTES APPROVED PERC

DENOTES FLOW DIRECTION

- 500 - DENOTES EXISTING CONTOURS

DENOTES SUPER SILT FENCE

---LOD DENOTES LIMIT OF DISTURBANCE

H.S. DENOTES HUNG SEWER

CONSTRUCTION ENTRANCE (SCE)

I, PUMP CHAMBER SUBJECT TO HOWARD COUNTY HEALTH DEPT. Nº 2. PROPOSED 1500 GALLON CHAMBER 3. INVERT AT PUMP CHAMBER 564.70

4 INVERT OUT OF PUMP CHAMBER 564.40 5 PROPOSED GRADE OVER PUMP CHAMBER 567.5

VICINITY MAP Scale: 1"=2000"

DETAIL 24 - STABILIZED CONSTRUCTION ENTRANCE - EARTH FILL * GEOTEXTILE CLASS 'C' -OR BETTER MINIMUM 6" OF 2"-3" AGGREGATE STRUCTURE PROFILE

1. LENGTH - MINIMUM OF 50' (*SO' FOR SINGLE RESIDENCE LOT) 2. WIDTH - 10' MINIMUM, SHOULD BE FLARED AT THE EXISTING ROAD TO PROVIDE A TURNING

STANDARD SYMBOL SOF

PLAN VIEW

9. GEOTEXTILE FABRIC (FILTER CLOTH) SHALL BE PLACED OVER THE EXISTING GROUND PRIOR TO PLACING STONE "THE PLAN APPROVAL AUTHORITY MAY NOT REQUIRE SINGLE FAMILY RESIDENCES TO USE GEOTEXTILE

4. STONE - CRUSHED AGGREGATE (2" TO 3") OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT SHALL BE PLACED AT LEAST 6" DEEP OVER THE LENGTH AND MIDTH OF THE

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 SCEIS 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 CONSTRUCION ENTRANCE

> L.O. D. - DENOTES LIMIT OF DISTURBANCE TOTAL AREA = 64,650 S.F.

NOTE: TOTAL PROPOSED IMPERVIOUS AREA INCLUDING DRIVEWAY AND HOUSE ROOF TOPS = 17,320 S.F.

BUILDING PERMIT # B 07002415

PLAN TO ACCOMPANY APPLICATION FOR BUILDING PERMIT LOT#4 1230 M. UNDERMOOD ROAD (A RESUBDIVISION OF LOTS 1 & 2 PLAT #12582

BROCH NA DUN 4TH ELECTION DISTRICT . HOWARD COUNTY, MARYLAND PLAT NO. 13325

REVISIONS

PERCOLATION TEST RESULTS, A-56381-B

Engineers * Surveyors * Land Development Consultants Landscape Architects * Environmental Specialists 439 East Main Street Westminster, MD 21157-5539 (410) 848-1790 FAX (410) 876-0009

05/17/07 2007112 JEP Checked By: County File No.

County File No. F- -

EMBED GEOTEXTILE CLASS F A MINIMUM OF 8" VERTICALLY INTO THE GROUND JOINING TWO ADJACENT SILT FENCE SECTIONS Construction Specifications 1, FENCE POSTS SHALL BE A MINIMUM OF 36" LONG DRIVEN 16" MINIMUM INTO THE GROUND. MOOD POSTS SHALL BE 11/2" X 11/2" SQUARE (MINIMUM) CUT, OR 1%" DIAMETER (MINIMUM) ROUND AND SHALL BE OF SOUND QUALITY HARDWOOD. STEEL POSTS WILL BE STANDARD T OR U SECTION WEIGHTING NOT LESS THAN 1.00 POUND PER LINEAR FOOT. 2. GEOTEXTILE SHALL BE PASTENED SECURELY TO EACH FENCE POST WITH MIRE TIES OR STAPLES AT TOP AND MID-SECTION AND SHALL MEET THE FOLLOWING REQUIREMENTS FOR TENSILE MODULUS 20 LBS/IN (MIN.) FLOW RATE 0.9 GAL FT 7 MINUTE (MAX.) TEST: MSMT 322 FILTERING EFFICIENCY 75% (MIN.) TEST: MSMT 922 3. WHERE ENDS OF GEOTEXTILE FABRIC COME TOGETHER, THEY SHALL BE OVERLAPPED 4. SILT FENCE SHALL BE INSPECTED AFTER EACH RAINFALL EVENT AND MAINTAINED WHEN BULGES OCCUR OR WHEN SEDIMENT ACCUMULATION REACHED 50% OF THE FABRIC HEIGHT. Silt Fence Design Criteria 125 feet 750 feet 10:1 to 5:1 5:1 to 3:1

NOTE: IN AREAS OF LESS THAN 2% SLOPE AND SANDY SOILS (USDA GENERAL CLASSIFICATION SYSTEM, SOIL CLASS A) MAXIMUM SLOPE LENGTH AND SILT PENCE LENGTH MILL BE

UNLIMITED. IN THESE AREAS A SILT FENCE MAY BE THE ONLY PERIMETER CONTROL

G07000129

DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS 3430 COURT HOUSE DRIVE ELLICOTT CITY, MD 21043 PERMITS (410) 313-2455 INSPECTIONS (410) 313-1810 ALTOMATED INCOMMENDATION (4210) 313-3890

HOWARD COUNTY PERMIT APPLICATION

PERMIT NUMBER

Rev. 11/4//04

	PERMIT AP		
Building Address 1230 Valo/Waa	dice Rd	Property Owner's Name	Mancuso
drivery to	: 1784	Address 10304 ROYAL ASC	01 CT
Suite/Apt. #: SDP/WP/Per	f *		
Section Area Lot 4		City ELIZCOTT (27/State)	11 Zip Code 21042
		Home Phone 40 418 5702 Work Phone 410 783 383 Applicant's Name & Mailing Address, (if other than stated hereon):	
Tax Map Parcel	E Grid E	Call San P. Mous, much a late & A	ACTES
Zoning R (Map Coordinates	Lot size 3	Phone Fax	
Existing Use Proposed Use		Contractor Company Market M.	7.4
Estimated Construction Cost \$	(66)	Contact Person	
Description of Work	14 60 4/64	Address	
2 FRA I WENT PA	1 W y	- 700 March Species	1.5
		City State License No.	Zip Code
		Phone my Party with the Fax the	
Occupant or Tenant		Engineer or Architect Company	. F. A. EAR
Contact Name Aug Land		Contact Person	
Address 700 Charles	025	Address	
City State	Zip Code	City State	7i- 0ad-
Phone 416 Gill General Fax 1/16	519 44110	City State Zip Code Phone Fax	
			ION DECIDENTAL
BUILDING DESCRIPTION Building Characteristics	Utilities	Building Characteristics	Utilities
Height:	Water Supply:	SF Dwelling SF Townhouse	Water Supply:
No. of stories:	Public Private	1st floor: Depth Width	Public Private
É	Sewage Disposal: Public	2nd floor: Basement:	Sewage Disposal: Public Private
Gross area, sq. ft. per floor:	Private	Finished Basement Unfinished Basement Crawl space Slab on Grade	Electric Yes 🗆 No 🗆
Use group:	Electric Yes No Gas Yes No	No. of Bedrooms Height: Multi-family dwellings:	Gas Yes ☑ No □
Construction type:	Heating System:	No. of efficiency units:	Heating System: Electric ☐ Oil ☐
Reinforced Concrete	Natural Gas □	No. of 2 BR units:No. of 3 BR units:	Natural Gas ☐ Propane Gas ☐
Structural Steel Masonry Wood Frame	Propane Gas	Other Structure:	Sprinkler system: N/A
vvood Frame	Sprinkler system: N/A Full	Dimensions: Footings: Roof Height:	NFPA #13D NFPA #13R
i *			
State Certified Modular	Partial Other Suppression	State Certified Modular	Other:
THE UNDERSIGNED HEREBY CERTIFIES AND AGREES AS FOLLOWS:	Other Suppression # of Heads	State Certified Modular Manufactured Home	
THE UNDERSIGNED HEREBY CERTIFIES AND AGREES AS FOLLOWS:	Other Suppression # of Heads (1) THAT HE/SHE IS AUTHORIZED TO MAKE THIS APPLIES BETT AUTHORIZED TO MAKE THIS AUT	State Certified Modular Manufactured Home PLICATION; (2)THAT THE INFORMATION IS CORRECT; (3) THAT HE/SHETERENCED PROPERTY NOT SPECIFICALLY DESCRIBED IN THIS APPLICAT NOTICES.	
THE UNDERSIGNED HEREBY CERTIFIES AND AGREES AS FOLLOWS: HOWARD COUNTY WHICH ARE APPLICABLE THERETO; (4) THAT HE/ THE RIGHT TO ENTER ONTO THIS PROPERTY FOR THE PURPOSE OF	Other Suppression # of Heads (1) THAT HE/SHE IS AUTHORIZED TO MAKE THIS APF (SHE WILL PERFORM NO WORK ON THE ABOVE REFE INSPECTING THE WORK PERMITTED AND POSTING I	State Certified Modular Manufactured Home PLICATION; (2)THAT THE INFORMATION IS CORRECT; (3) THAT HE/SHE	
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THE UNDERSIGNED HEREBY CERTIFIES AND AGREES AS FOLLOWS: HOWARD COUNTY WHICH ARE APPLICABLE THERETO; (4) THAT HE! THE RIGHT TO ENTER ONTO THIS PROPERTY FOR THE PURPOSE OF Applicant's Signature Title/Company	Other Suppression # of Heads (1) THAT HE/SHE IS AUTHORIZED TO MAKE THIS APP (SHE WILL PERFORM NO WORK ON THE ABOVE REFE INSPECTING THE WORK PERMITTED AND POSTING IT (Checks payable to: DIRECTOR OF ** PLEASE WRITE NE	State Certified Modular Manufactured Home PLICATION; (2)THAT THE INFORMATION IS CORRECT; (3) THAT HE/SHET ERENCED PROPERTY NOT SPECIFICALLY DESCRIBED IN THIS APPLICAT NOTICES. Print Name Date F FINANCE OF HOWARD COUNTY EATLY AND LEGIBLY. **	
THE UNDERSIGNED HEREBY CERTIFIES AND AGREES AS FOLLOWS: HOWARD COUNTY WHICH ARE APPLICABLE THERETO; (4) THAT HE THE RIGHT TO ENTER ONTO THIS PROPERTY FOR THE PURPOSE OF Applicant's Signature Title/Company	Other Suppression # of Heads (1) THAT HE/SHE IS AUTHORIZED TO MAKE THIS APP (SHE WILL PERFORM NO WORK ON THE ABOVE REFE INSPECTING THE WORK PERMITTED AND POSTING IT (Checks payable to: DIRECTOR OF ** PLEASE WRITE NE	State Certified Modular Manufactured Home PLICATION; (2)THAT THE INFORMATION IS CORRECT; (3) THAT HE/SHETRENCED PROPERTY NOT SPECIFICALLY DESCRIBED IN THIS APPLICAT NOTICES. Print Name Date F FINANCE OF HOWARD COUNTY	MILL COMPLY WITH ALL REGULATIONS OF ON; (5) THAT HE/SHE GRANTS COUNTY OF
THE UNDERSIGNED HEREBY CERTIFIES AND AGREES AS FOLLOWS: HOWARD COUNTY WHICH ARE APPLICABLE THERETO; (4) THAT HE THE RIGHT TO ENTER ONTO THIS PROPERTY FOR THE PURPOSE OF Applicant's Signature Applicant's Signature AGENCY AGENCY DATE Land Development, DPZ	Other Suppression # of Heads (1) THAT HE/SHE IS AUTHORIZED TO MAKE THIS APP (SHE WILL PERFORM NO WORK ON THE ABOVE REFE (INSPECTING THE WORK PERMITTED AND POSTING) (Checks payable to: DIRECTOR OF ** PLEASE WRITE NE	State Certified Modular Manufactured Home PLICATION; (2)THAT THE INFORMATION IS CORRECT; (3) THAT HE/SHE ERRENCED PROPERTY NOT SPECIFICALLY DESCRIBED IN THIS APPLICAT NOTICES. Print Name Date F FINANCE OF HOWARD COUNTY EATLY AND LEGIBLY. ** CE USE ONLY- DPZ SFTBACK INFORMATION Front: Filin	MILL COMPLY WITH ALL REGULATIONS OF ON; (5) THAT HE/SHE GRANTS COUNTY OF PROPERTY ID
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