

LAYOUT 4/9/07 INSP 4 _____
INSP 2 4/10/07 INSP 5 _____
INSP 3 4/11/07 INSP 6 _____

ISSUE DATE: 04/04/07

P 526624

APPROVAL DATE: 4/11/07

A 514270

TAX ID # 03-282880

**ON-SITE SEWAGE DISPOSAL SYSTEM
HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH**

Fogles Septic Clean, Inc IS PERMITTED TO INSTALL ALTER

ADDRESS: 580 Obrecht Road PHONE NUMBER: 410-795-5670

SUBDIVISION: _____ LOT NUMBER: _____

ADDRESS: 1105 Marriottsville Road PROPERTY OWNER: James Overholser

SEPTIC TANK CAPACITY (GALLONS): ~~1000~~ 1500 OUTLET BAFFLE FILTER REQUIRED

PUMP CHAMBER CAPACITY (GALLONS): N/A COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 3

SQUARE FEET PER BEDROOM: 210

LINEAR FEET OF TRENCH REQUIRED: 174

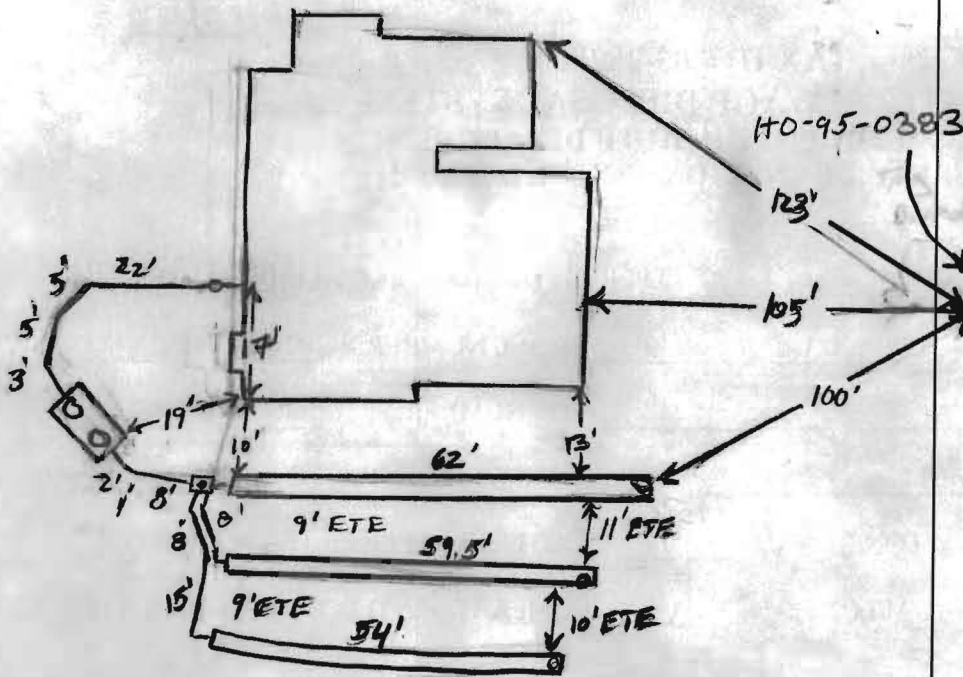
TRENCHES:	Trench to be 3.0 feet wide. Inlet 2.0 feet below original grade. Bottom maximum depth 4.0 feet below original grade. Effective area begins at 3.0 feet below original grade. 2.0 feet of stone below distribution pipe.
LOCATION:	Septic trenches should be installed on the northern side of SDA first (~100') from original well.
NOTES:	Original well must be abandoned upon issuance of U&O. Basement serviced by gravity.

PLANS APPROVED: Sara Fegel DATE: 08/02/06

- NOTE: PERMIT VOID AFTER 2 YEARS
- NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS
- NOTE: WATERTIGHT SEPTIC TANKS REQUIRED
- NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL
- NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS UNLESS SPECIFICALLY AUTHORIZED

**NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS
RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM
PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT
CALL 410-313-1771 FOR INSPECTION OF SEPTIC SYSTEM**

NOT TO SCALE



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	1'-2'	4'
NUMBER OF TRENCHES		2
TOTAL LENGTH		
ABSORPTION AREA		
DISTRIBUTION BOX LEVEL		Under
DISTRIBUTION BOX BAFFLE		Yes
DISTRIBUTION BOX PORT		Yes

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	Yes
CAPACITY	1500 GAL
SEAM LOC	Top
TANK LID DEPTH	2.5'-3'
BAFFLES	Yes
BAFFLE FILTER	—
MANHOLE LOC	Front/Rear
6" PORT LOC	—
WATERTIGHT TEST	—
SEPTIC TANK 2 LEVEL	
CAPACITY	_____ GAL
SEAM LOC	_____
TANK LID DEPTH	_____
BAFFLES	_____
BAFFLE FILTER	_____
MANHOLE LOC	_____
6" PORT LOC	_____
WATERTIGHT TEST	_____

PRE-CONSTRUCTION 4/9/07 Install 3 x 60' trenches on contour. Top trench inlet to be 8" above ground. (KW)

INSTALLATION 4/10/07 Tank set w/ baffles. Plumbing from house to D box installed. Also trenches. (KW)

4/11/07 System complete. Bottom 2 trenches ran downhill a couple feet to keep contour. Top trench installed per installer. OK to cover. (KW)

FINAL INSPECTOR

[Signature]

DATE OF APPROVAL

4/11/07



will check
OK
4/4/07
at

MARRIOTTSVILLE ROAD
N 22°31'26"E 553.28'

PARCEL 5
JAMES D. OVERHOLSER AND
JENNIFER L. MACHAMER
4.0791 AC. +/-

N 87°10'40"W 525.36'

S 79°44'32"E 172.87'

S 15°44'32"E 525.84'

123' +/-

106' +/-

62' +/-

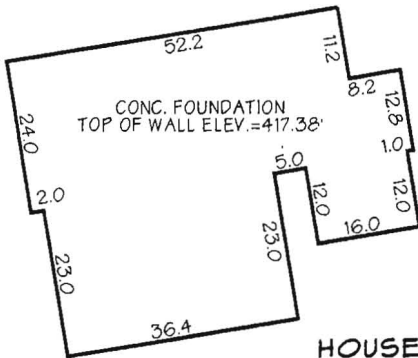
SEPTIC AREA

prop gas tank

EX WELL

H0-95-0383

340' +/- (1) TYP



HOUSE DETAIL
SCALE: 1"=30'

prop tank
location ok
807002549
7/13/07



A licensed Maryland Surveyor either personally prepared this Foundation Certification, or was in responsible charge over its preparation and the surveying work reflected in it, in compliance with the Maryland Minimum Standards of Practice for Land Surveyors.

I hereby certify that I have surveyed the property shown hereon for the sole purpose of locating the improvements. This plan is a benefit to the consumer only in so far as it is required by a lender or a title insurance company or its agent in connection with contemplated transfer, financing or refinancing. It is not to be relied upon for the establishment of boundary, easement or right-of-way lines for any reason, such as the location of fences, garages, buildings, or other existing or future improvements.

By Dennis E. Meckley Date 3/21/07
Dennis E. Meckley Property Line Surveyor No. 10844

FOUNDATION CERTIFICATION FOR 1105 MARRIOTTSVILLE ROAD OVERHOLSER AND MACHAMER PROPERTY

3rd ELECTION DISTRICT HOWARD COUNTY, MD.
DEED REF.: 5263/608



FREDERICK OFFICE:
3445 Progress Drive, Suite 88
Frederick, MD 21701-4879
(301) 662-1799
FAX (301) 662-8004

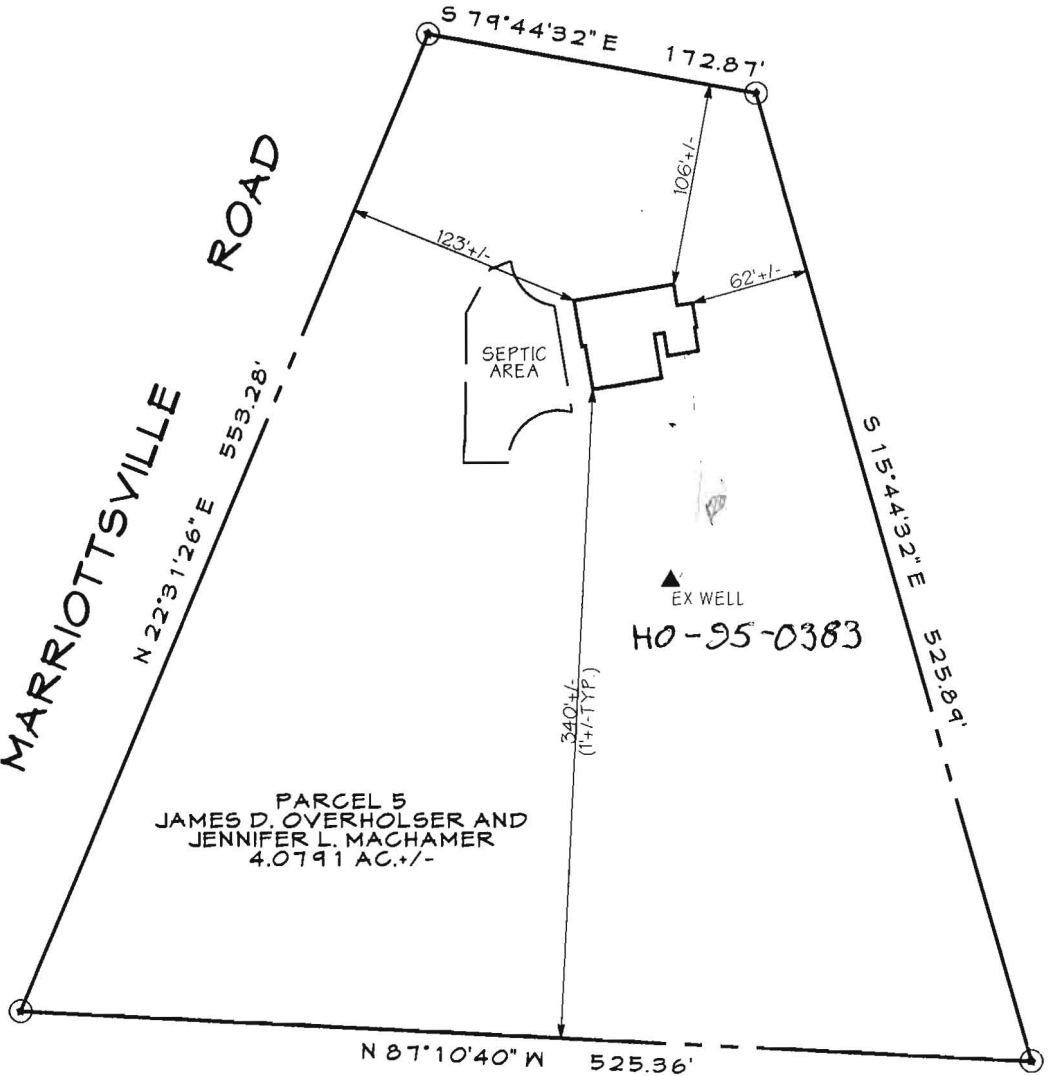
WESTMINSTER OFFICE:
439 East Main Street
Westminster, MD 21157-5539
(410) 848-1790
FAX (410) 848-1791

DRAWN BY:	CDD
DESIGN BY:	
REVIEW BY:	DEM
DATE:	11-10-06
SCALE:	1"=100'
JOB NO:	2006074
SHEET:	1 OF 1



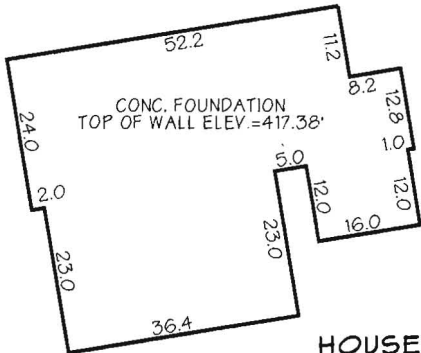
will check
OK
4/4/07
at

MARRIOTTSVILLE ROAD



PARCEL 5
JAMES D. OVERHOLSER AND
JENNIFER L. MACHAMER
4.0791 AC. +/-

EX WELL
HO-95-0383



HOUSE DETAIL
SCALE: 1"=30'

propose
oil



FOUNDATION CERTIFICATION
FOR
1105 MARRIOTTSVILLE ROAD
OVERHOLSER AND MACHAMER
PROPERTY

3rd ELECTION DISTRICT HOWARD COUNTY, MD.
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By Dennis E. Meckley Date 3/21/07
Dennis E. Meckley Property Line Surveyor No. 10844



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SHEET:	1 OF 1

APPLICATION

SEWAGE DISPOSAL TESTING

A 02511

MARYLAND STATE DEPARTMENT OF HEALTH
HOWARD COUNTY **750 Gallon** ELICOTT CITY

**2 Dry Wells 8 ft in diameter
x 12 ft deep**

DISTRICT _____

DATE _____

**Place the Dry Wells about
30 ft to 70 ft from the side**

TO THE COUNTY HEALTH OFFICER
ELICOTT CITY, MARYLAND

**of the house where the
same test was run**

I, HEREBY, APPLY FOR THE NECESSARY TESTS IN ORDER TO CONSTRUCT OR RECONSTRUCT A SEWAGE
DISPOSAL SYSTEM.

PROPERTY OWNER **WATER, WILLIAM**

ADDRESS **HARRIETTSVILLE**

PHONE **787-6000**

PROPERTY LOCATION _____

SUBDIVISION _____

LOT NO. _____

ROAD AND DESCRIPTION **HARRIETTSVILLE RD. 1 - 1 1/2 MILE S.W. OF P.O. ON HIGHWAY**

RD. GOING TOWARD HARRIETTSVILLE.

White Horse

OCCUPANT _____

PERSON TO CONSTRUCT SYSTEM _____

ADDRESS _____

PHONE _____

SIZE OF LOT **4 ACRES**

TYPE BLDG. **(3)**

IF NOT SINGLE RESIDENCE DESCRIBE _____

SIGNATURE OF APPLICANT

Harry D. Mear

APPROVED BY

Raymond Hodge

FOR

Dry Well

DATE

8/1/60

REJECTED BY _____

FOR _____

REASON OF SYSTEM

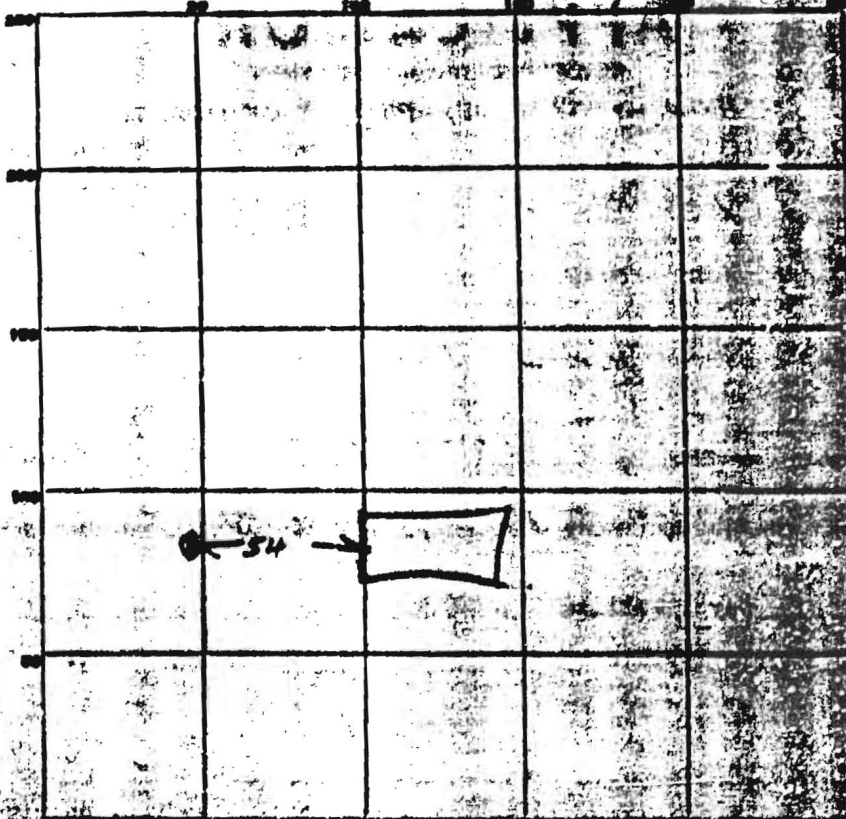
DATE _____

HOLD PENDING FURTHER TESTS _____

DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT



INDICATE NORTH - NAME ADJACENT ROADWAY AS BASE LINE

Massachusetts Rd

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 15 DROP		TIME
			OUTLET	STOP	START	STOP	
<i>6/1/00</i>	<i>1</i>	<i>8 1/2</i>	<i>122</i>	<i>129</i>	<i>129</i>	<i>143</i>	<i>147</i>

SOIL AUGER FINDING *Top 4' Clay, bottom 4 1/2' Sandpacks*

TESTED BY *Raymond Hodges*

REMARKS

ALSO PRESENT *Harry Tupper* LOT NO.

File

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

INDEXED

ELICOTT CITY

DISTRICT

DATE

Carl Williams IS PERMITTED TO INSTALL
ADDRESS W. Friendship PHONE W. 300

A SEWAGE DISPOSAL SYSTEM LOCATED AT
1105 Marriottville Rd. - 1 1/2 mi. S. of

SUBDIVISION _____ ROAD _____

PROPERTY OWNER Wm. Wayne

ADDRESS Marriottville Rd.

SPECIFICATIONS

DRAIN FIELD _____ DEPTH _____ FEET, BOTTOM AREA _____

STEPAGE PITS 2 ABSORBENT SIDE WALL AREA 8x12 sq ft

SEPTIC TANK CAPACITY 750 GALLONS

FOR GARBAGE GRINDER, INCREASE DISPOSAL AREA 25% & TANK CAPACITY 50%

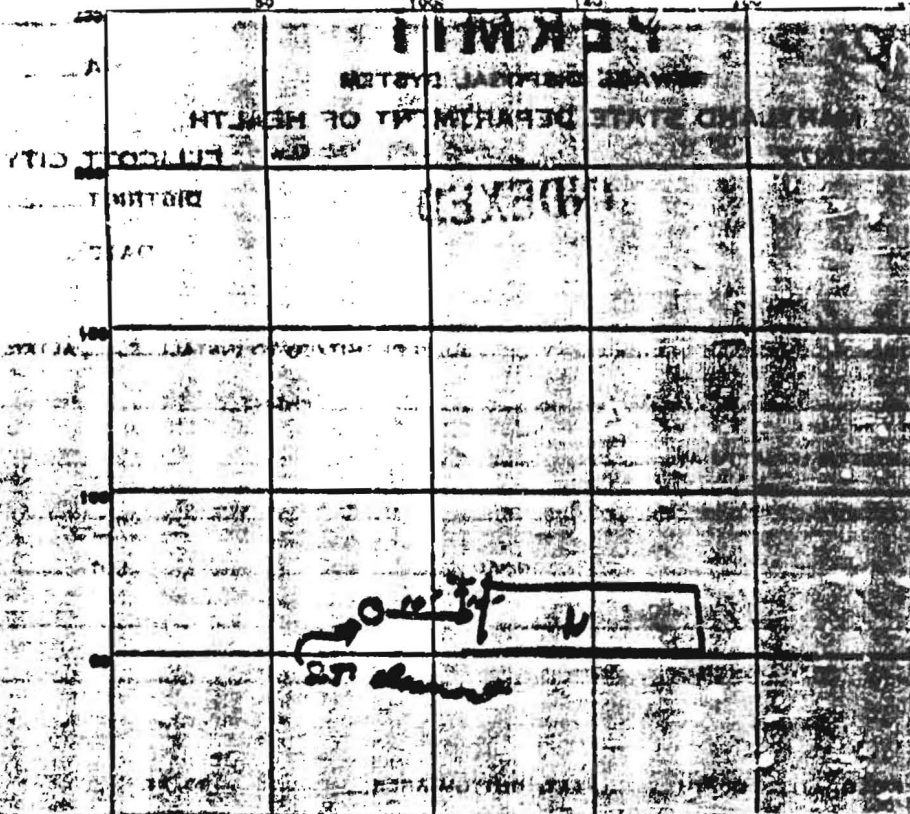
OTHER Place dig. with 30' to 40' from left side of house

PLANS APPROVED BY _____ DATE _____

FILL SEPTIC TANK AND DISTRIBUTION BOX WITH WATER BEFORE CALLING FOR AN INSPECTION. COVER HO WORKS UNTIL INSPECTED AND APPROVED.

NEITHER THE HOWARD COUNTY COMMISSIONERS NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.

11/11



N4 *Narrow + Utility Rd*

PERMIT CARD _____

SEPTIC TANK LEVEL _____ CLEANOUT _____

DISTRIBUTION BOX LEVEL _____

TILE FIELD DEPTH _____ FT. TRENCH WIDTH _____ FT.

GRAVEL DEPTH _____ IN. TOTAL LENGTH _____ FT.

NUMBER OF TRENCHES _____ TOTAL BOTTOM AREA _____

DEEPAZE PITS, INSIDE DIAMETER _____ FT. DEPTH BELOW _____ FT.

ABSORBENT AREA _____

REMARKS _____

installed & in use; no
apparent problems

R.M. 1/31/74

DATE SYSTEM APPROVED _____ INSPECTOR _____

4/10/04

Top left corner
of SRA. Shown
is zone of SRA
cut off ~ 18"

BY THE ENGINEER: *[Signature]* DATE: *[Date]*

I CERTIFY THAT THIS PLAN FOR FLOOD CONSTRUCTION, EROSION, AND SEDIMENT CONTROL, REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS. THIS PLAN WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

DEVELOPER'S CERTIFICATE: I CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN AND THAT ANY RESPONSIBLE PERSON INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A SEWAGE TREATMENT PLANT. THE PROJECT IS BEING CONSTRUCTED UNDER THE SUPERVISION OF THE ENGINEER AND THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS REQUIRED BY LAW.

THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

USDA - NATURAL RESOURCE CONSERVATION SERVICE DATE: _____

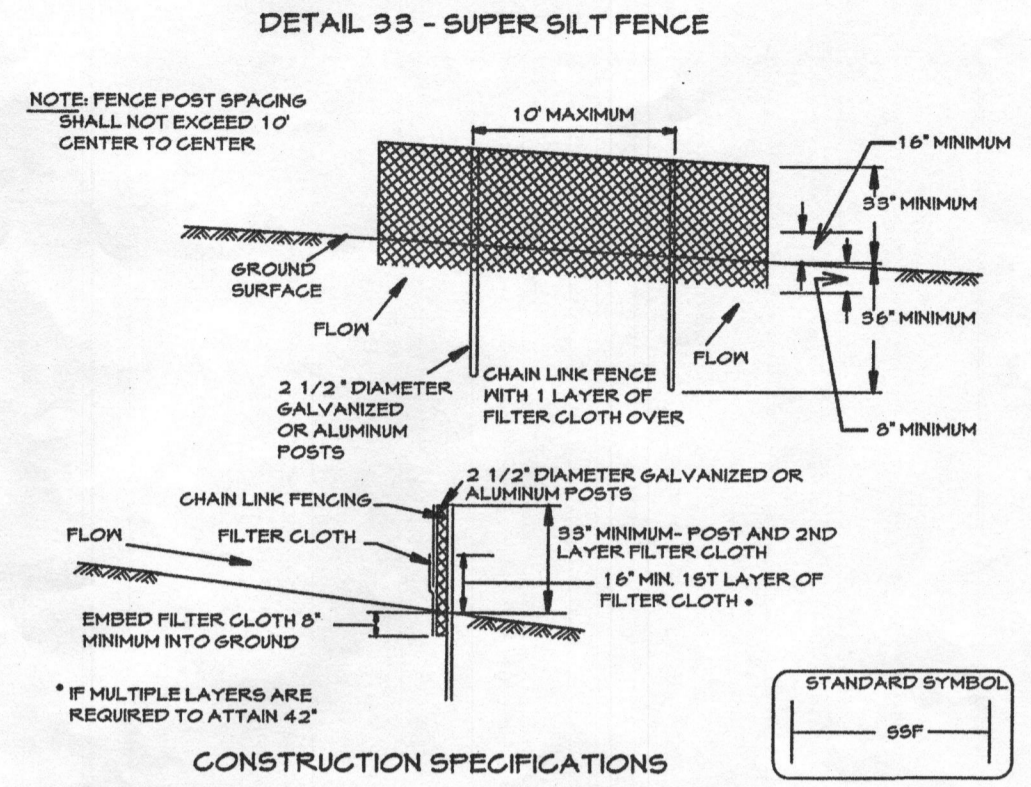
THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT. DATE: _____

SOILS LEGEND

SOIL	TYPE
GMG	GLENELG-MANOR GALIA
GBM	GLADSTONE-BANNERTOWN MANOR

GENERAL NOTES

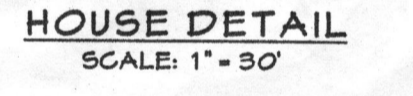
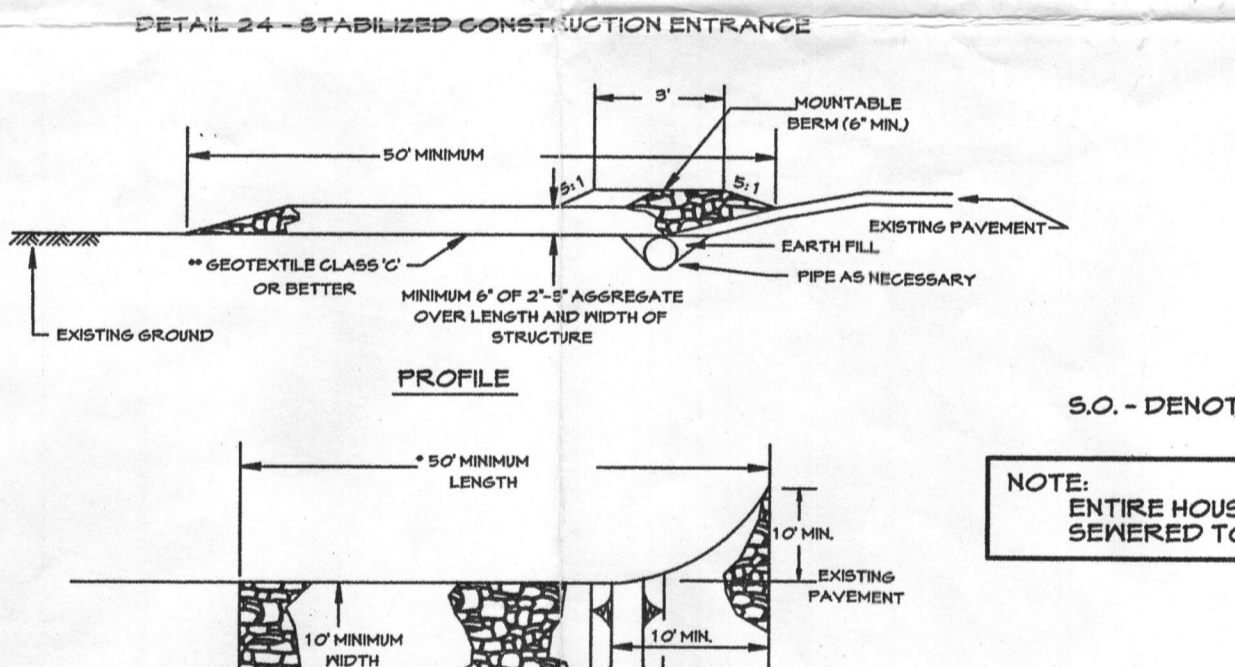
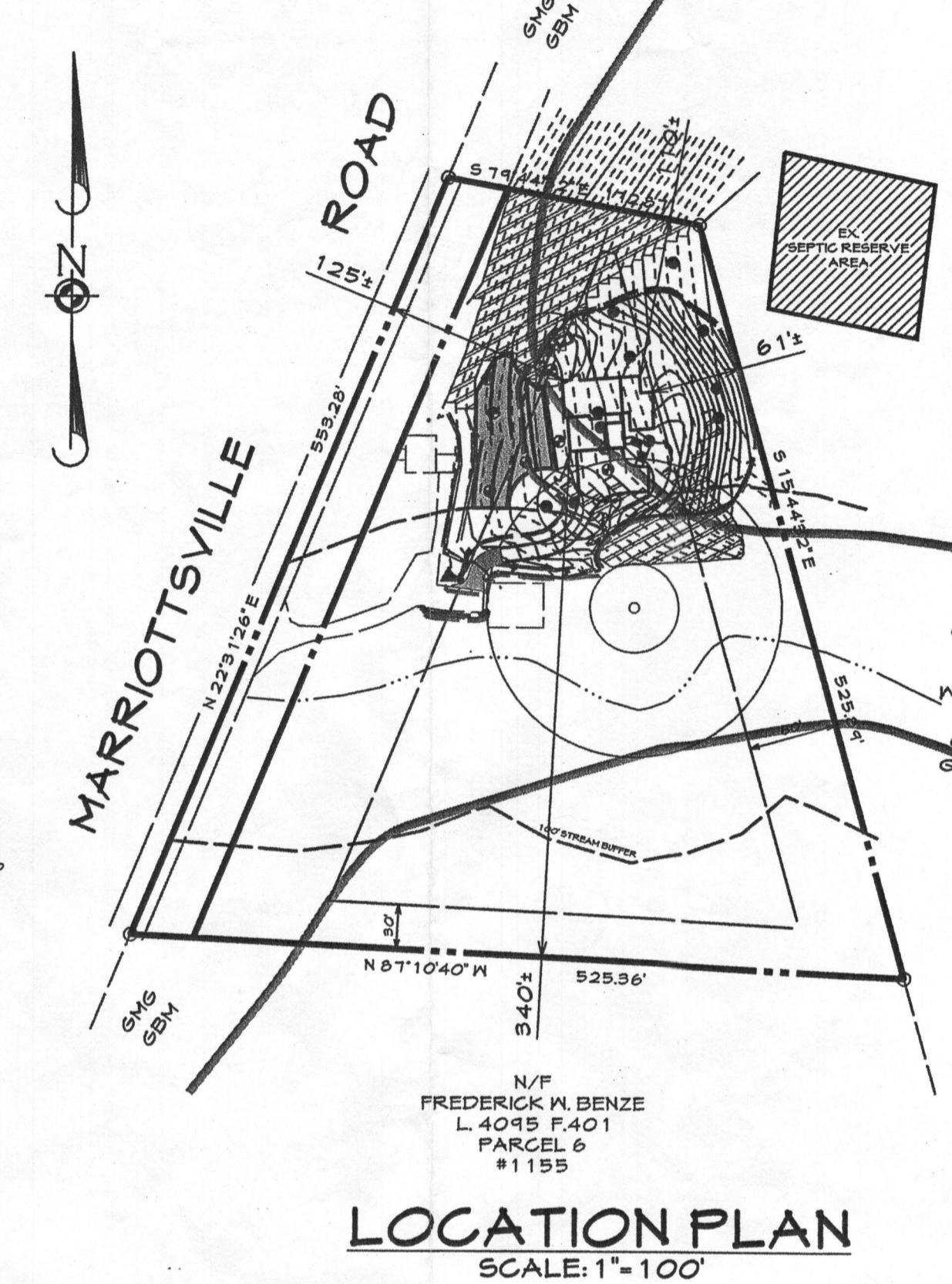
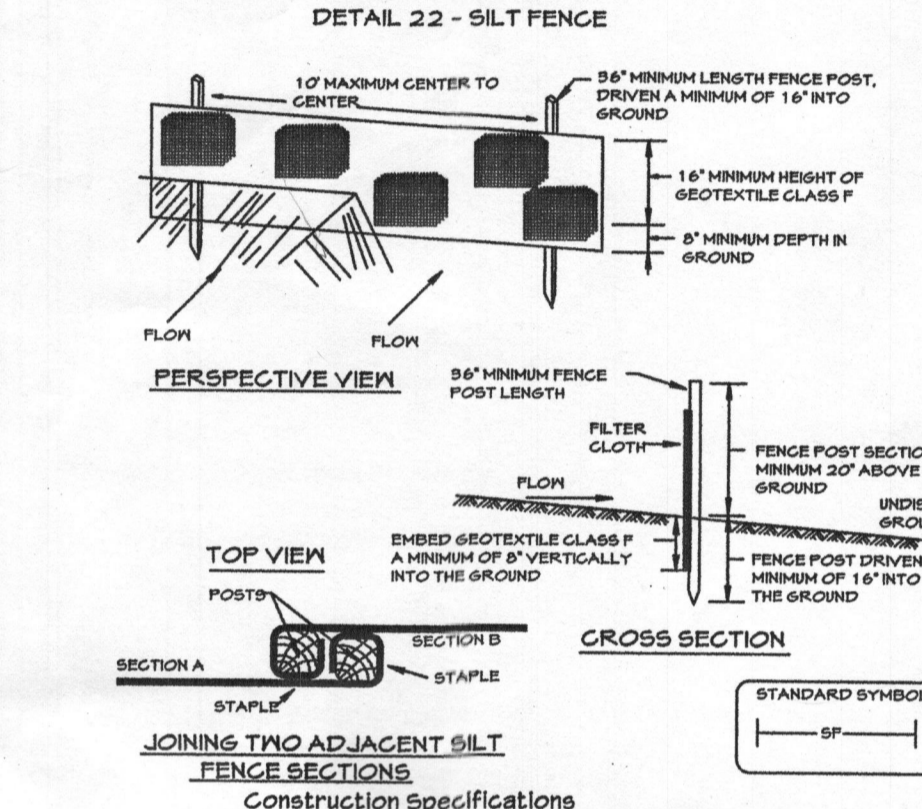
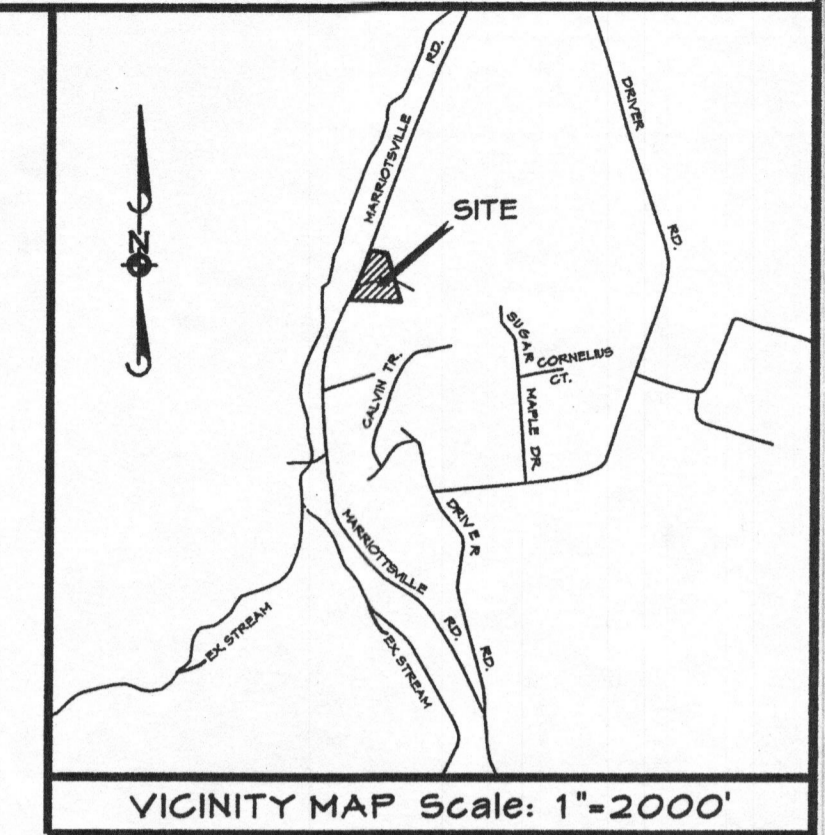
- THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT AT LEAST 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.
- THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
- THERE ARE NO EXISTING WELLS AND/OR SEPTIC AREAS WITHIN 100 FEET OF THIS PROPERTY, FROM FIELD INSPECTION BY G.L.S.I. INC.
- ALL HOUSE SITES SHOWN COMPLY WITH MINIMUM BUILDING RESTRICTION REGULATIONS.
- ALL WELLS SHALL BE DRILLED PRIOR TO FINAL PLAT RECORDATION. IT IS THE DEVELOPER'S RESPONSIBILITY TO SCHEDULE THE WELL DRILLING PRIOR TO FINAL PLAT SUBMISSION. IT WILL NOT BE CONSIDERED GOVERNMENT DELAY IF THE WELL DRILLING HOLDS-UP THE HEALTH DEPARTMENT SIGNATURE OF THE RECORD PLAT.
- EXISTING DWELLING TO REMAIN OCCUPIED BY OWNER UNTIL PROPOSED HOUSE IS CONSTRUCTED AND HAS BEEN ISSUED A 4-OCCUPANCY PERMIT. AT THIS TIME EXISTING DWELLING TO BE RAZED AND ALSO EXISTING SEPTIC TANK AND DRY WELL TO BE ABANDONED.
- STORMWATER MANAGEMENT IS MAINTAINED BECAUSE THE TOTAL IMPERVIOUS AREA OF 4,800 S.F. IS IN ACCORDANCE WITH M.D.E. AND HOWARD COUNTY REQUIREMENTS.



SUPER SILT FENCE

- THE POLES DO NOT NEED TO SET IN CONCRETE.
- 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 EDGE OF THE FENCE.
- FILTER CLOTH SHALL BE FASTENED SECURELY TO THE CHAIN LINK FENCE WITH TIES SPACED EVERY 24" AT THE TOP AND MID SECTION.
- FILTER CLOTH SHALL BE EMBEDDED A MINIMUM OF 6" INTO THE GROUND.
- WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER, THEY SHALL BE OVERLAPPED BY 6" AND FOLDED.
- 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.
- 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:

DESIGN CRITERIA	SLOPE	SLOPE STEEPNESS	SLOPE LENGTH (MAXIMUM)	SILT FENCE LENGTH (MAXIMUM)
TENSILE STRENGTH	0 - 10%	0 - 10:1	UNLIMITED	UNLIMITED
TENSILE MODULUS	10 - 20%	10:1 - 5:1	200 FEET	1,500 FEET
FLOW RATE	20 - 35%	5:1 - 3:1	100 FEET	1,000 FEET
FILTERING EFFICIENCY	35 - 50%	3:1 - 2:1	100 FEET	500 FEET
	50% +	2:1 +	50 FEET	250 FEET



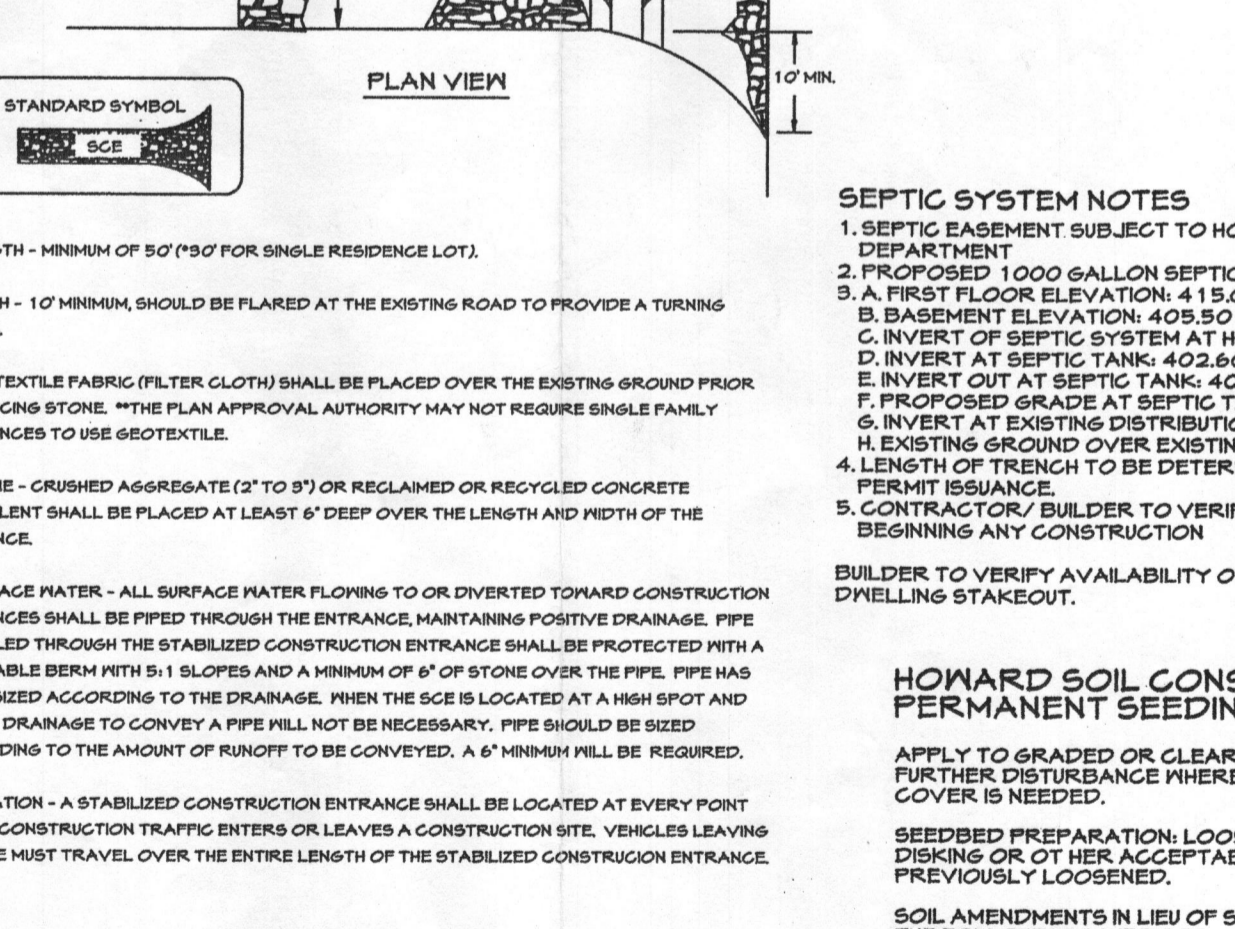
Silt Fence Design Criteria

Slope Steepness	(Maximum) Slope Length	(Maximum) Silt Fence Length
Flatter than 5:1	unlimited	unlimited
5:1 to 10:1	125 feet	1,500 feet
10:1 to 5:1	100 feet	1,000 feet
5:1 to 3:1	60 feet	500 feet
3:1 to 2:1	40 feet	250 feet
2:1 and steeper	20 feet	125 feet

NOTE: 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 PERMITTER CONTROL REQUIRED.

Standard Sediment Control Notes

- A minimum of 48 hours notice must be given to the Howard County Department of Inspections, Licenses and Permits, Sediment Control Division prior to the start of any construction (12-1853).
- All vegetative and structural practices are to be installed according to the provisions of the sediment control manual for 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 permanent sediment control structures, ditches, perimeter slopes and slopes greater than 5:1. 14 days as to all other disturbance or graded areas on the project site.
- All sediment traps shall be located at least 10 feet from the edge of the disturbed area. If sediment traps are located closer than 10 feet, they shall be installed in an operational condition until permission for their removal has been obtained from the Howard County Sediment Control Inspector.
- All disturbed areas must be stabilized within the time period specified above in accordance with the 1414 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL, for treatment seeding (Sec. 5.2), 5.1.1, 5.2.1, 5.2.2, 5.2.3, 5.2.4, 5.2.5, 5.2.6, 5.2.7, 5.2.8, 5.2.9, 5.2.10, 5.2.11, 5.2.12, 5.2.13, 5.2.14, 5.2.15, 5.2.16, 5.2.17, 5.2.18, 5.2.19, 5.2.20, 5.2.21, 5.2.22, 5.2.23, 5.2.24, 5.2.25, 5.2.26, 5.2.27, 5.2.28, 5.2.29, 5.2.30, 5.2.31, 5.2.32, 5.2.33, 5.2.34, 5.2.35, 5.2.36, 5.2.37, 5.2.38, 5.2.39, 5.2.40, 5.2.41, 5.2.42, 5.2.43, 5.2.44, 5.2.45, 5.2.46, 5.2.47, 5.2.48, 5.2.49, 5.2.50, 5.2.51, 5.2.52, 5.2.53, 5.2.54, 5.2.55, 5.2.56, 5.2.57, 5.2.58, 5.2.59, 5.2.60, 5.2.61, 5.2.62, 5.2.63, 5.2.64, 5.2.65, 5.2.66, 5.2.67, 5.2.68, 5.2.69, 5.2.70, 5.2.71, 5.2.72, 5.2.73, 5.2.74, 5.2.75, 5.2.76, 5.2.77, 5.2.78, 5.2.79, 5.2.80, 5.2.81, 5.2.82, 5.2.83, 5.2.84, 5.2.85, 5.2.86, 5.2.87, 5.2.88, 5.2.89, 5.2.90, 5.2.91, 5.2.92, 5.2.93, 5.2.94, 5.2.95, 5.2.96, 5.2.97, 5.2.98, 5.2.99, 5.2.100.
- All sediment control structures are to remain in place and are to be maintained in an operational condition until permission for their removal has been obtained from the Howard County Sediment Control Inspector.
- Site Analysis: Total Area of Site: 4.2111 Acres; Area Disturbed: 0.8171 Acres; 2,255.0 S.F.; Area to be vegetatively stabilized: 0.4211 Acres; 4,800 S.F.; Total Fill: 500 Cu Yds.
- On-site water storage location.
- An sediment control practice which is disturbed by grading activity for placement of utilities, must be repaired on the same day of disturbance.
- Additional sediment control must be provided if deemed necessary by the Howard County Sediment Control Inspector.
- On sites with disturbed areas in excess of 2 acres, approval of the inspection agency shall be requested prior to construction of permanent sediment control structures, but before proceeding with any other earth disturbance or grading other than that required for the construction of the structures. No other earth disturbance or grading shall be performed until the structures are in place and approved by the inspection agency.
- Tranches for the construction of utilities to be located in three pipe lengths or that which shall be back-filled and stabilized by the end of each working, whichever is shorter.



TEMPORARY SEEDING NOTES

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

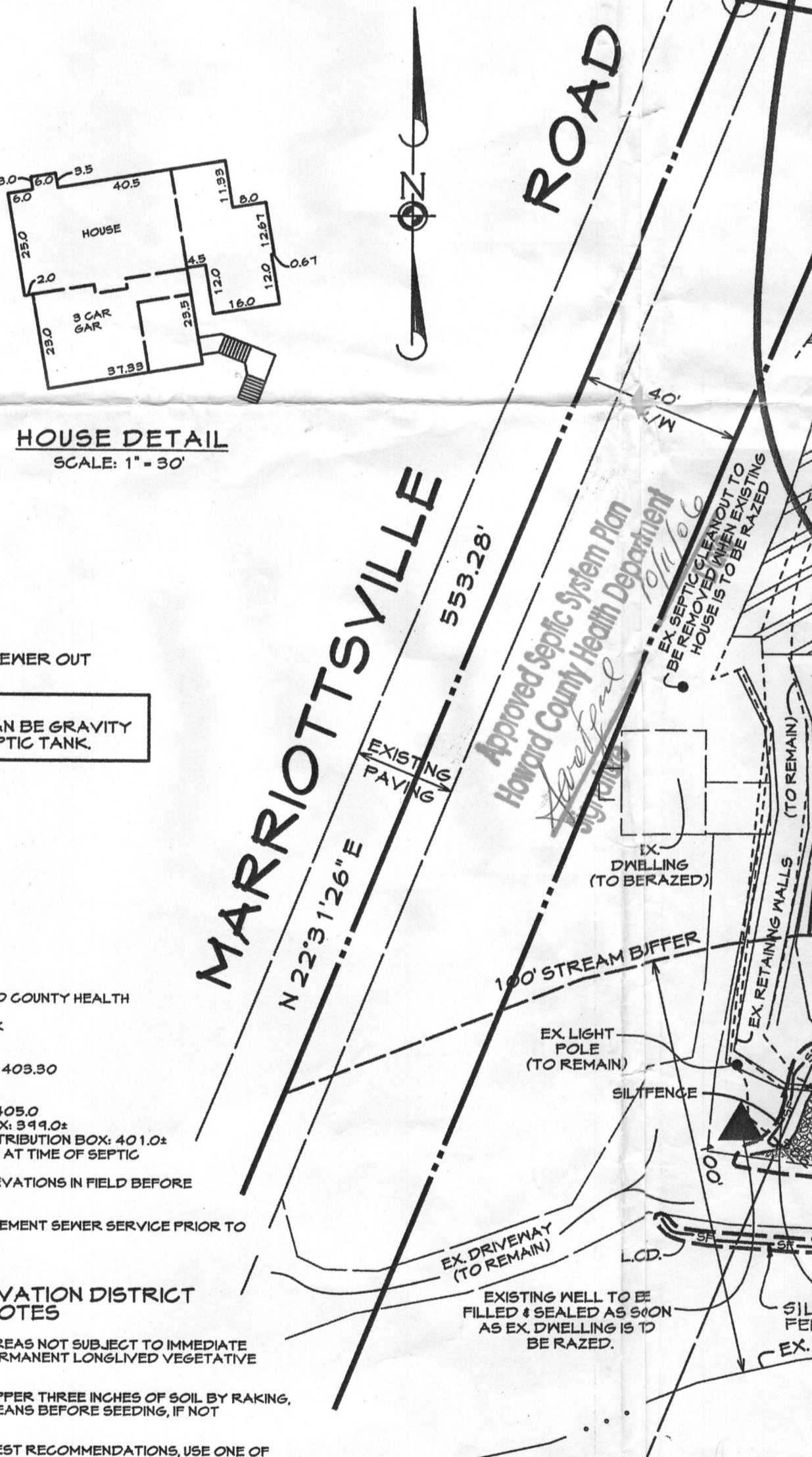
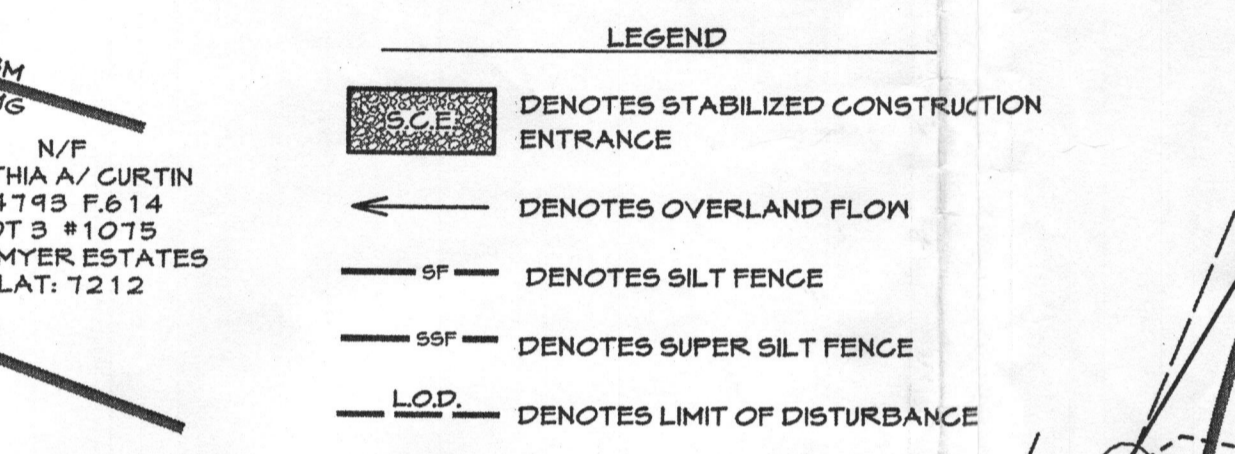
SEEDING PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISKING, OR OTHER ACCEPTABLE MEANS BEFORE SEEDING, IF NOT PREVIOUSLY LOOSENED.

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

SEEDING: FOR PERIODS MARCH 1 THROUGH APRIL 30, AND AUGUST 1 THROUGH OCTOBER 15, SEED WITH 2-1/2 BUSHEL PER ACRE OF ANNUAL RYE (3.2 LBS./1,000 SQ.FT.) FOR THE PERIOD OF MAY 1 THROUGH AUGUST 14, SEED WITH 3 LBS. PER ACRE OF WHEEDING LOVEGRASS (10 LBS./1,000 SQ.FT.) FOR THE PERIOD OF NOVEMBER 16 THROUGH NOVEMBER 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 SOIL.

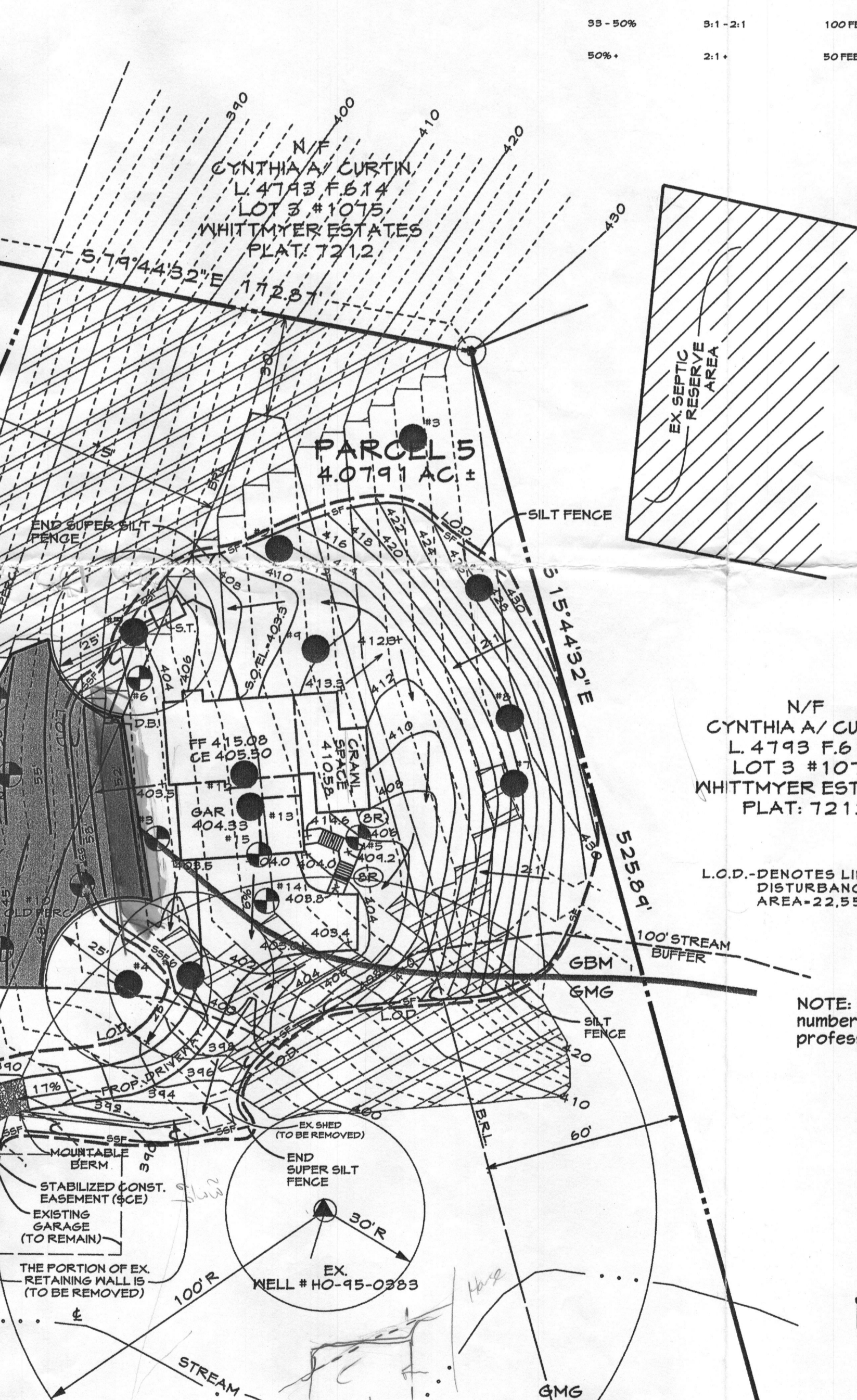
MULCHING: APPLY 1-1/2 TO 2 TONS PER ACRE (10 TO 40 LBS./1,000 SQ.FT.) OF UNROTTED PINE FREE SMALL GRASS STRAW IMMEDIATELY AFTER SEEDING. ANCHOR IMMEDIATELY AFTER SEEDING USING 3/4" GALV. ANCHORING TOOL OR 2 1/2" GALV. ANCHOR (5 GALV./1,000 SQ.FT.) OF EMBLISHED ASPHALT ON FLAT AREAS. ON SLOPES 6 FEET OR HIGHER, USE 3-4 1/2" GALV. ANCHOR (6 GALV./1,000 SQ.FT.) FOR ANCHORING.

REFER TO THE 1414 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR ADDITIONAL RATES AND METHODS NOT COVERED.



SEQUENCE OF CONSTRUCTION

- OBTAIN GRADING PERMIT.
- INSTALL SEDIMENT CONTROLS AS SHOWN ON PLAN. (1 DAY)
- PERFORM NECESSARY GRADING AND STABILIZE THE SITE. BUILD HOUSE (6 MOS.)
- AFTER THE SITES STABILIZED AND PERMISSION IS GRANTED FROM THE SEDIMENT CONTROL INSPECTOR, REMOVE SEDIMENT CONTROLS AND STABILIZE ANY REMAINING DISTURBED AREAS. (2 DAYS)



OWNER

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1105 MARIOTTVILLE ROAD
MARIOTTVILLE, MD. 21104-1307

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REVISIONS

DATE	REVISIONS	JAK
9/21/06	REVISED TOPO ELEVATIONS, RELOCATED SEPTIC TANK & NOTES	JAK

STANDARDS AND SPECIFICATIONS FOR TOPSOIL CONSTRUCTION AND MATERIAL SPECIFICATIONS

- 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 soil survey published by USDA in cooperation with the Maryland Agricultural Experiment Station.
- Topsoil Specifications - Soil to be used as topsoil must meet the following:
 - Topsoil shall be a loam, sandy loam, clay loam, silt loam, sandy clay loam, silty sand, or silty clay loam as recommended by an approved soil scientist and approved by the appropriate approval authority. Regardless, topsoil shall not be a mixture of contrasting textures and shall contain less than 5% by volume of chert, 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, quack grass, Johnson grass, nutgrass, poison ivy, thistle, or others as specified.
 - Where the subsoil is either highly acidic or composed of heavy clay, ground limestone shall be spread at the rate of 4-8 tons per 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.
 - For sites having disturbed areas under 5 acres:
 - Place topsoil (if required) and apply soil amendments as specified in 200. Vegetative Stabilization - Section 1 - Vegetative Stabilization Methods and Materials.
 - For sites having disturbed areas over 5 acres:
 - On soil meeting Topsoil specifications, obtain test results dictating fertilizer and amendments required to bring the soil into compliance with the following:
 - 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 6.0 or higher.
 - Organic content of topsoil shall be not less than 1.5 percent by weight.
 - Topsoil having soluble salt content greater than 500 parts per million shall not be used.
 - No acid or seed shall be placed on soil which has been treated with soil sterilants or chemicals used for weed control within 60 days of the time has elapsed (14 days min) to permit dissipation of phytotoxic materials.
 - Place topsoil (if required) and apply soil amendments as specified in 200. Vegetative Stabilization - Section 1 - Vegetative Stabilization Methods and Materials.
- Topsoil Application
 - When topsoil is applied, maintain needed erosion and sediment control practices such as sediment traps and basins.
 - Topsoil shall be applied in a 4"-6" layer and lightly compacted to a minimum thickness of 3 inches. Topsoil shall be applied in a 4"-6" layer and lightly compacted to a minimum thickness of 3 inches. Topsoil shall be applied in a 4"-6" layer and lightly compacted to a minimum thickness of 3 inches.
 - Topsoil shall be uniformly distributed in a 4"-6" layer and lightly compacted to a minimum thickness of 3 inches. Topsoil shall be applied in a 4"-6" layer and lightly compacted to a minimum thickness of 3 inches.
 - Preparation and tillage. Any irregularities in the surface resulting from topsoil or other operations shall be corrected in order to prevent the formation of depressions or water pockets.
 - 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 which would otherwise be detrimental to proper grading and seedbed preparation.
 - 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.
 - Composted sludge material for use as a soil conditioner for sites having disturbed areas over 5 acres shall be tested to determine amendments and for sites having disturbed areas under 5 acres shall conform to the following requirements:
 - 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 and General Services.
 - Composted sludge shall contain at least 1 percent nitrogen, 15 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.
 - Composted sludge shall be applied at a rate of 1 ton/1,000 square feet.
 - 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.

PLAN TO ACCOMPANY APPLICATION FOR BUILDING PERMIT PLOT PLAN

PARCEL #5

#1105 MARIOTTVILLE ROAD

OVERHOLSER & MACHAMER PROPERTY

TAX MAP: 10 PARCEL: 5 GRID: 9
5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
PLAT NO. 4059

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Professional Engineer Registration No. 23446
Date: 9/30/06
Drawing No. 2006074
County File No.