



# APPLICATION

## FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) \_\_\_\_\_ TEST TIME \_\_\_\_\_ AP 524358

AGENCY REVIEW: \_\_\_\_\_ DATE 3/16/06

DO NOT WRITE ABOVE THIS LINE

I HEREBY APPLY FOR THE NECESSARY TESTING/EVALUATION PRIOR TO ISSUANCE OF SEWAGE DISPOSAL SYSTEM PERMIT(S) TO:

CHECK AS NEEDED:

- CONSTRUCT NEW SEPTIC SYSTEM(S)
- REPAIR/ADD TO AN EXISTING SEPTIC SYSTEM
- REPLACE AN EXISTING SEPTIC SYSTEM

CHECK AS NEEDED:

- NEW STRUCTURE(S)
- ADDITION TO AN EXISTING STRUCTURE
- REPLACE AN EXISTING STRUCTURE

CHECK ONE:

- CREATE NEW LOT(S)
- BUILD ON AN EXISTING LOT IN A SUBDIVISION
- BUILD ON AN EXISTING PARCEL OF RECORD

IS THE PROPERTY WITHIN 2500' OF ANY RESERVOIR?

- YES
- NO

THE TYPE OF STRUCTURE IS:

- RESIDENTIAL WITH 4 PROPOSED BEDROOMS IN THE COMPLETED STRUCTURE (NOTE **UNKNOWN** IF APPROPRIATE)
- COMMERCIAL (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/ CUSTOMERS ON ACCOMPANYING PLAN)
- INSTITUTIONAL/GOVERNMENT (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/USERS ON ACCOMPANYING PLAN)

PROPERTY OWNER(S) Florence Properties LLC

DAYTIME PHONE 301-752-5963 CELL 443-277-2970 FAX 410-489-5007

MAILING ADDRESS 1720 Saint Michaels Rd Woodbine MD 21797  
STREET CITY/TOWN STATE ZIP

APPLICANT Chris Tiede CT Contracting

DAYTIME PHONE 443-277-2970 CELL \_\_\_\_\_ FAX 410-489-5007

MAILING ADDRESS 1720 Saint Michaels Rd Woodbine MD 21797  
STREET CITY/TOWN STATE ZIP

APPLICANT'S ROLE: DEVELOPER BUILDER BUYER RELATIVE/FRIEND REALTOR CONSULTANT

PROPERTY LOCATION  
SUBDIVISION/PROPERTY NAME 2873 Wojite Property LOT NO. \_\_\_\_\_

PROPERTY ADDRESS 2873 Florence Rd Woodbine  
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 7 GRID 19 PARCEL(S) 155 PROPOSED LOT SIZE 3+ Acres

AS APPLICANT, I UNDERSTAND THE FOLLOWING: THE SYSTEM INSTALLED SUBSEQUENT TO THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS APPLICATION IS COMPLETE WHEN ALL APPLICABLE FEES AND A SUITABLE SITE PLAN HAVE BEEN RECEIVED. I ACCEPT THE RESPONSIBILITY FOR COMPLIANCE WITH ALL M.O.S.H.A. AND "MISS UTILITY" REQUIREMENTS. APPROVAL IS BASED UPON SATISFACTORY REVIEW OF A PERC CERTIFICATION PLAN.

TEST RESULTS WILL BE MAILED TO APPLICANT.

[Signature]  
SIGNATURE OF APPLICANT

HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM  
3525-H ELLICOTT MILLS DRIVE, ELLICOTT CITY, MARYLAND 21043-4544 (410) 313-1771 FAX (410) 313-2648  
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

A/P \_\_\_\_\_

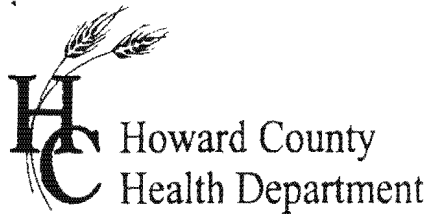
DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H

REMARKS \_\_\_\_\_

SANITARIAN \_\_\_\_\_ BACKHOE \_\_\_\_\_ OTHERS \_\_\_\_\_

TEST HOLES USED IN SDA \_\_\_\_\_ AVG. PERC TIME \_\_\_\_\_ SQ. FT/BR \_\_\_\_\_

TRENCH WIDTH \_\_\_\_\_ INLET DEPTH \_\_\_\_\_ MAX. BOT DEPTH \_\_\_\_\_ EFFECTIVE SW \_\_\_\_\_



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PROPERTY OWNER(S) \_\_\_\_\_

DAYTIME PHONE \_\_\_\_\_ CELL \_\_\_\_\_ FAX \_\_\_\_\_

MAILING ADDRESS \_\_\_\_\_  
STREET CITY/TOWN STATE ZIP

APPLICANT \_\_\_\_\_

DAYTIME PHONE \_\_\_\_\_ CELL \_\_\_\_\_ FAX \_\_\_\_\_

MAILING ADDRESS \_\_\_\_\_  
STREET CITY/TOWN STATE ZIP

APPLICANT'S ROLE: DEVELOPER BUILDER BUYER RELATIVE/FRIEND REALTOR CONSULTANT

PROPERTY LOCATION  
SUBDIVISION/PROPERTY NAME \_\_\_\_\_ LOT NO. \_\_\_\_\_

PROPERTY ADDRESS \_\_\_\_\_  
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) \_\_\_\_\_ GRID \_\_\_\_\_ PARCEL(S) \_\_\_\_\_ PROPOSED LOT SIZE \_\_\_\_\_

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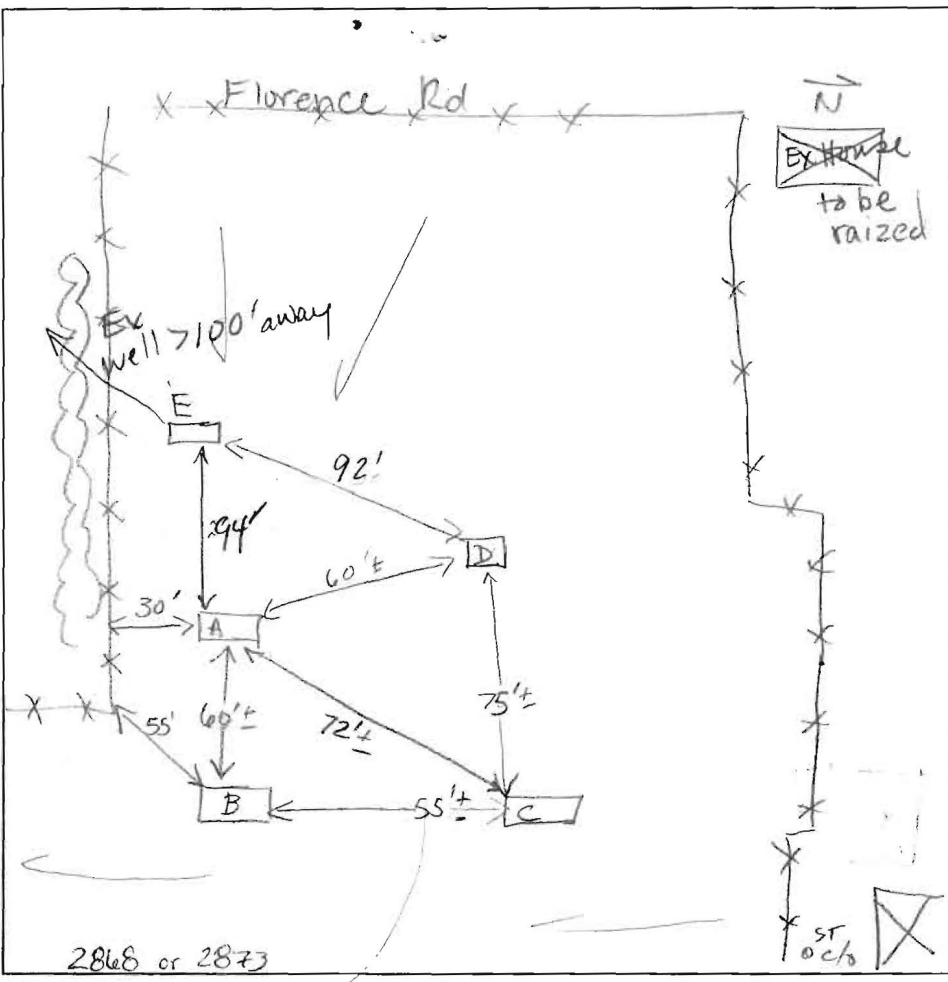
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AVP  
 (A)  
 Str brn plow layer  $8''$   
 Str org brn CL  
 Ribbons 1 3/4 Strong lump Lg peds - sbk  $5 \frac{1}{2}'$   
 Str y, str org SIL  
 v. fr. saprolite 5%  
 wk y brn Loam Saprolite  $\uparrow$  10% (As: 9%)  $9'$

(B)  
 Str brn CL (sbk, 9R)  $2 \frac{1}{2}'$   
 Str brn CL Few str y CL Qtz frags sbk, granular  $5'$   
 wk org, str y SIL  
 Sap. frags  $\frac{1}{2}'' \times \frac{1}{2}'' \sim 15\%$   
 A Loam w/ ( $\uparrow$  1% Si) wk platy struct saprolite (wk)  $\sim 15\%$  12' BOTTOM  $8'$

(C)  
 Str y brn CL  $2 \frac{1}{2}'$   
 Strong SIL in SIL matrix Compact soil (massive)  
 @ 8-9' pink (w/ root) shale frags  $2'' \times \frac{3}{8}''$  20% in SIL  
 12' bottom

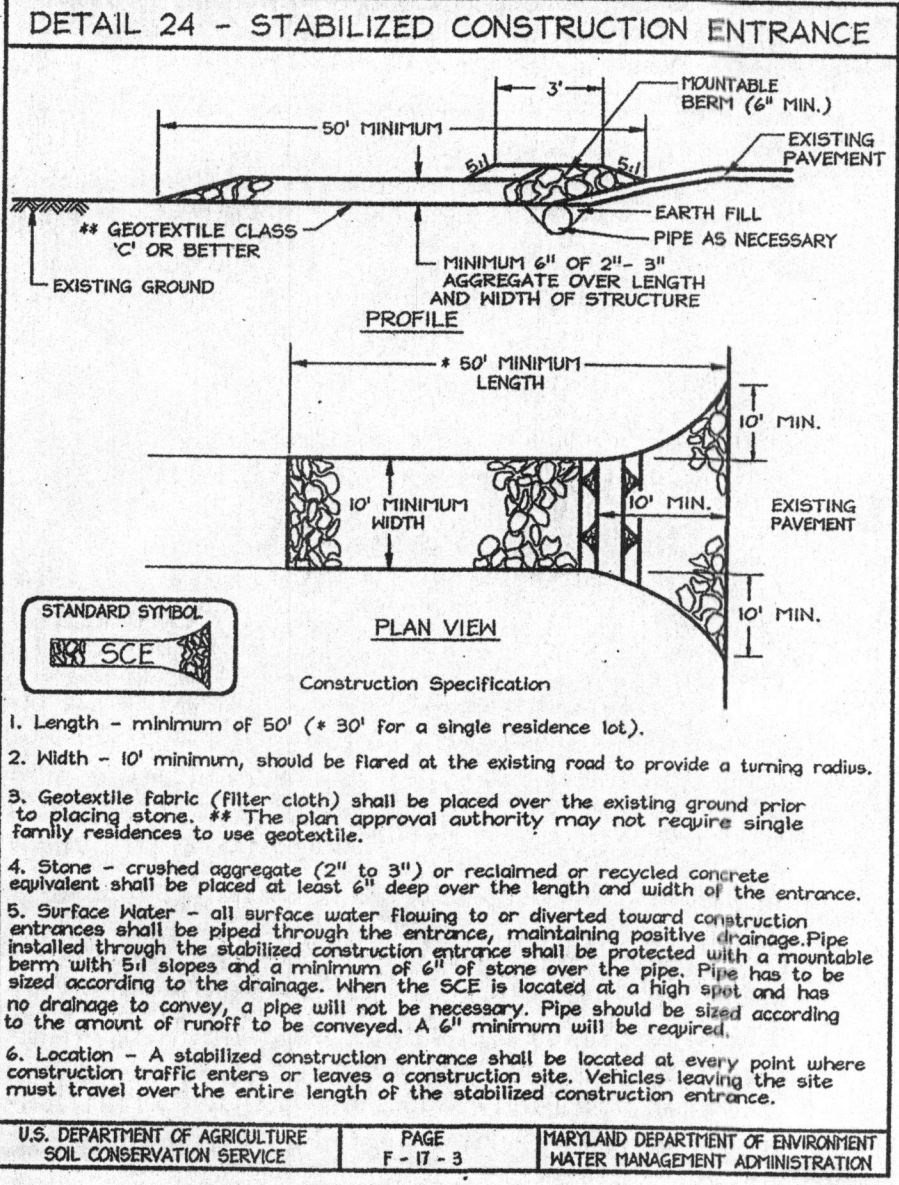
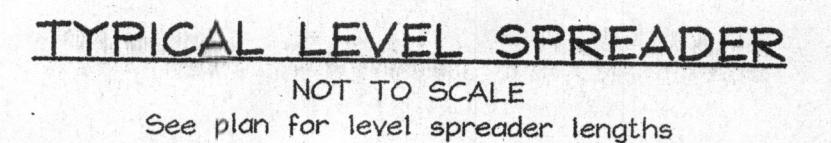
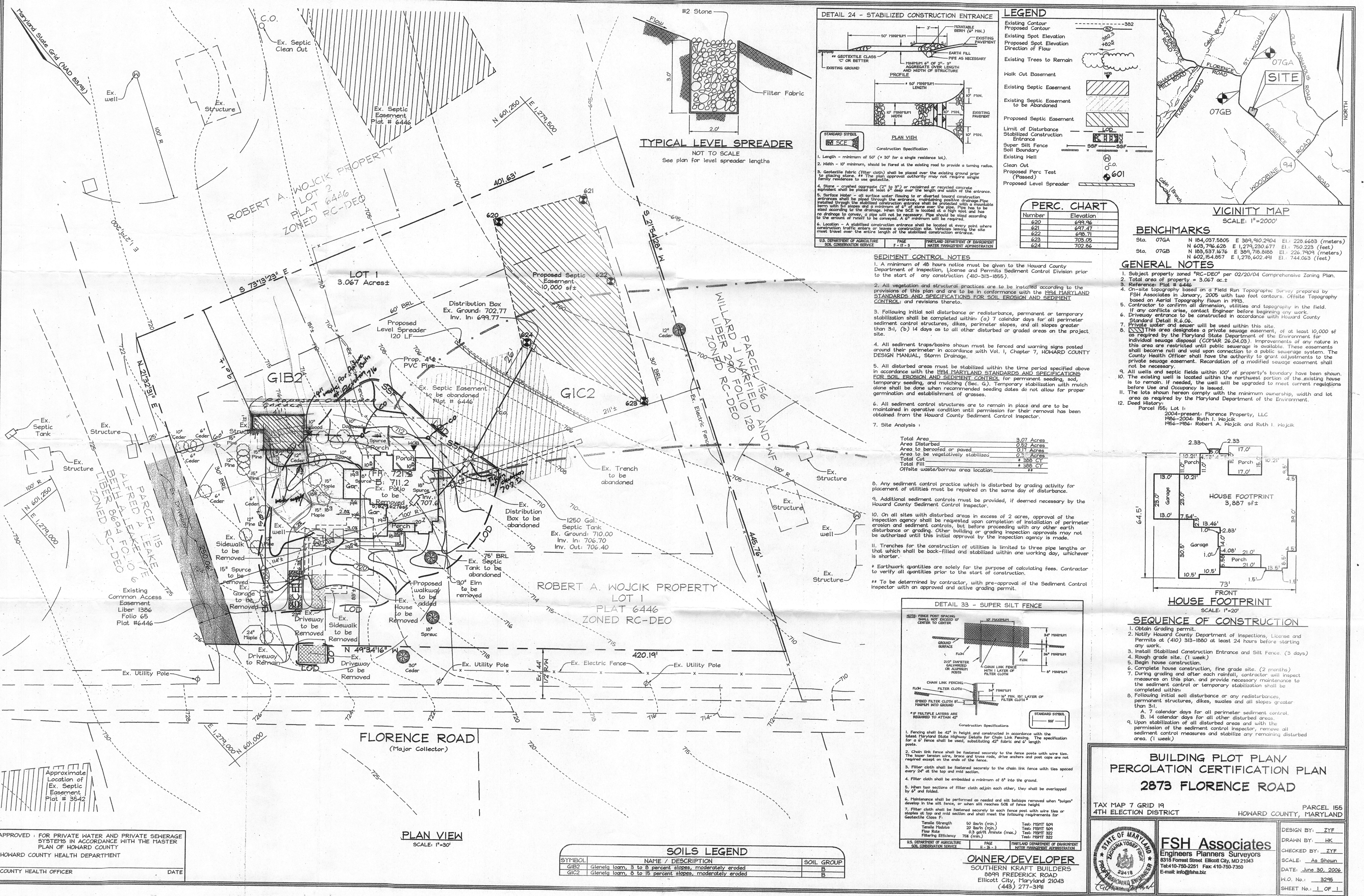


(D)  
 Str y CL  $2 \frac{1}{2}'$   
 Str red CLAY  
 6'  
 y SIL  
 @ 7' saprolite begins - 25% Qtz frags - 5%  
 12' Bottom

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
3-28	622 A	5'	9:52	10:06	10:36	20	P
	621 B	6'	10:11	10:27	10:51	24	P
	620 C	7'	10:37	10:47	10:58	11	P
	624 D	7'	11:01	11:06	11:16	10	P
	623 E	Visual to 14'					P
VERY BROAD TOESLOPE OF SURROUNDING TOPO							
5-7% slope to 3-4% slope @ bottom SE corner							

REMARKS homogeneous holes  $\pm$  Dry soils  
 SANITARIAN Race BACKHOE Spunkie OTHERS \_\_\_\_\_  
 TEST HOLES USED IN SDA \_\_\_\_\_ AVG. PERC TIME \_\_\_\_\_ SQ. FT/BR \_\_\_\_\_  
 TRENCH WIDTH \_\_\_\_\_ INLET DEPTH \_\_\_\_\_ MAX. BOT DEPTH \_\_\_\_\_ EFFECTIVE SW \_\_\_\_\_

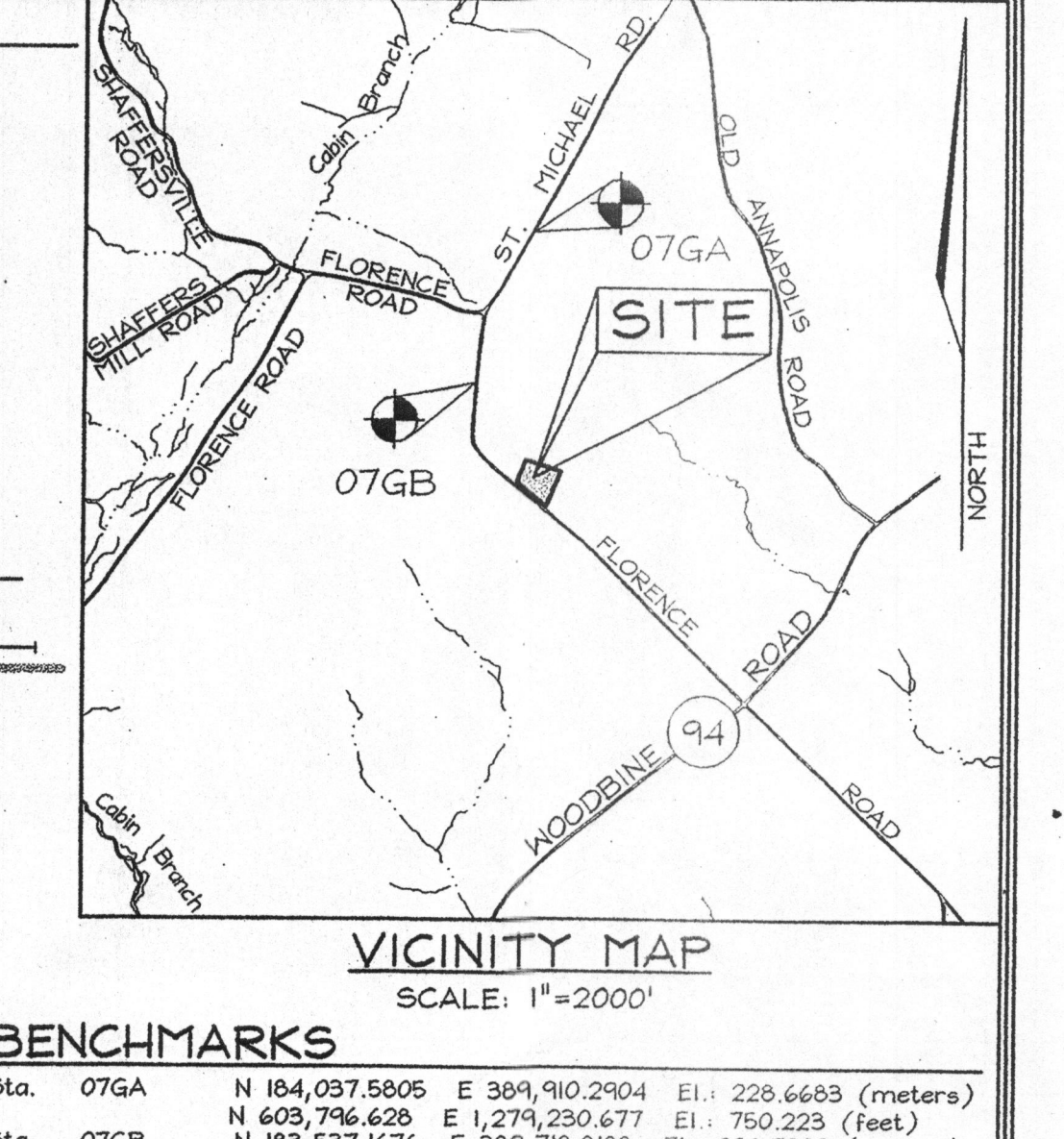
(5) 4110-489, 5007



### LEGEND

- Existing Contour
- Proposed Contour
- Existing Spot Elevation
- Proposed Spot Elevation
- Direction of Flow
- Existing Trees to Remain
- Mark Out Basement
- Existing Septic Easement
- Existing Septic Easement to be Abandoned
- Proposed Septic Easement
- Limit of Disturbance
- Stabilized Construction Entrance
- Super Silt Fence Soil Boundary
- Existing Well
- Clean Out
- Proposed Perc Test (Passed)
- Proposed Level Spreader

Number	Elevation
620	699.96
621	697.47
622	698.71
623	703.09
624	702.86



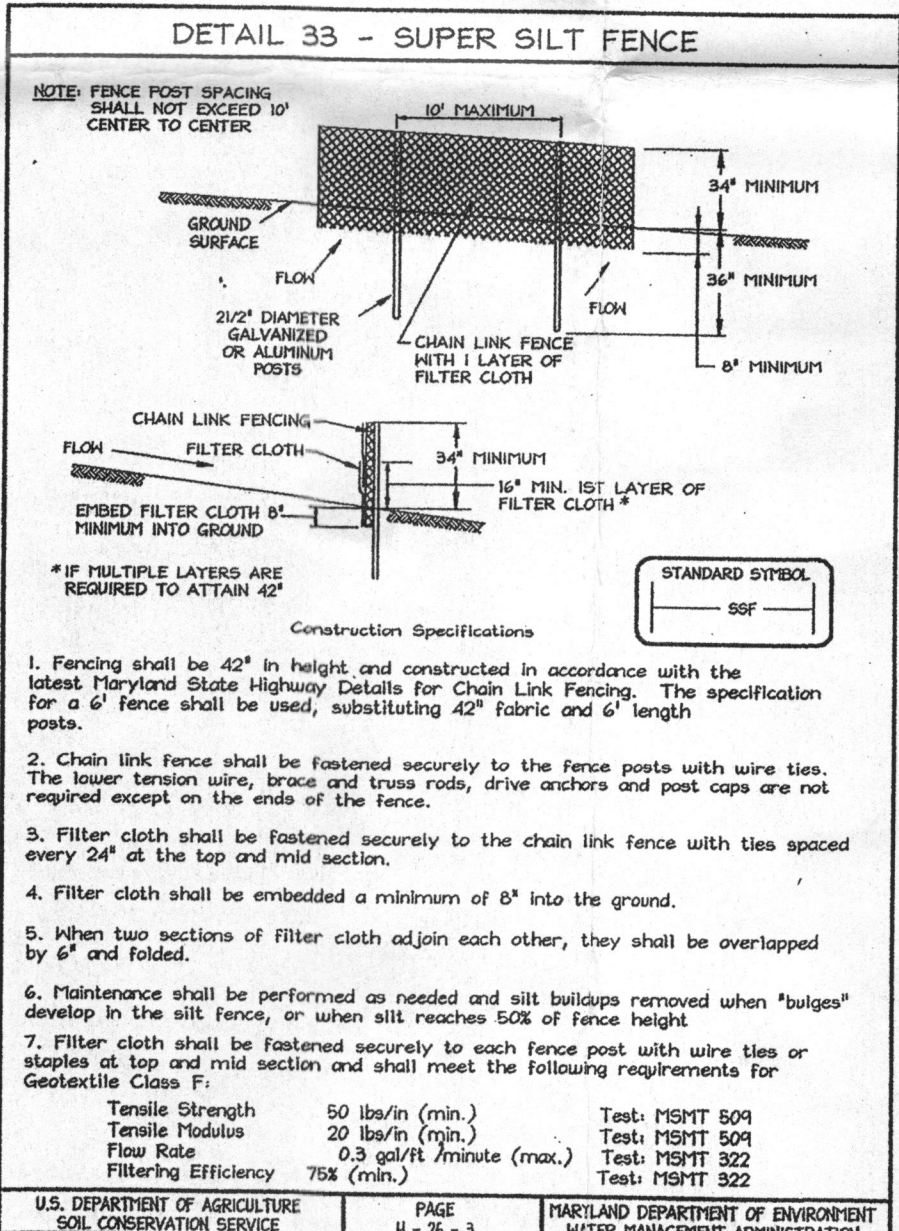
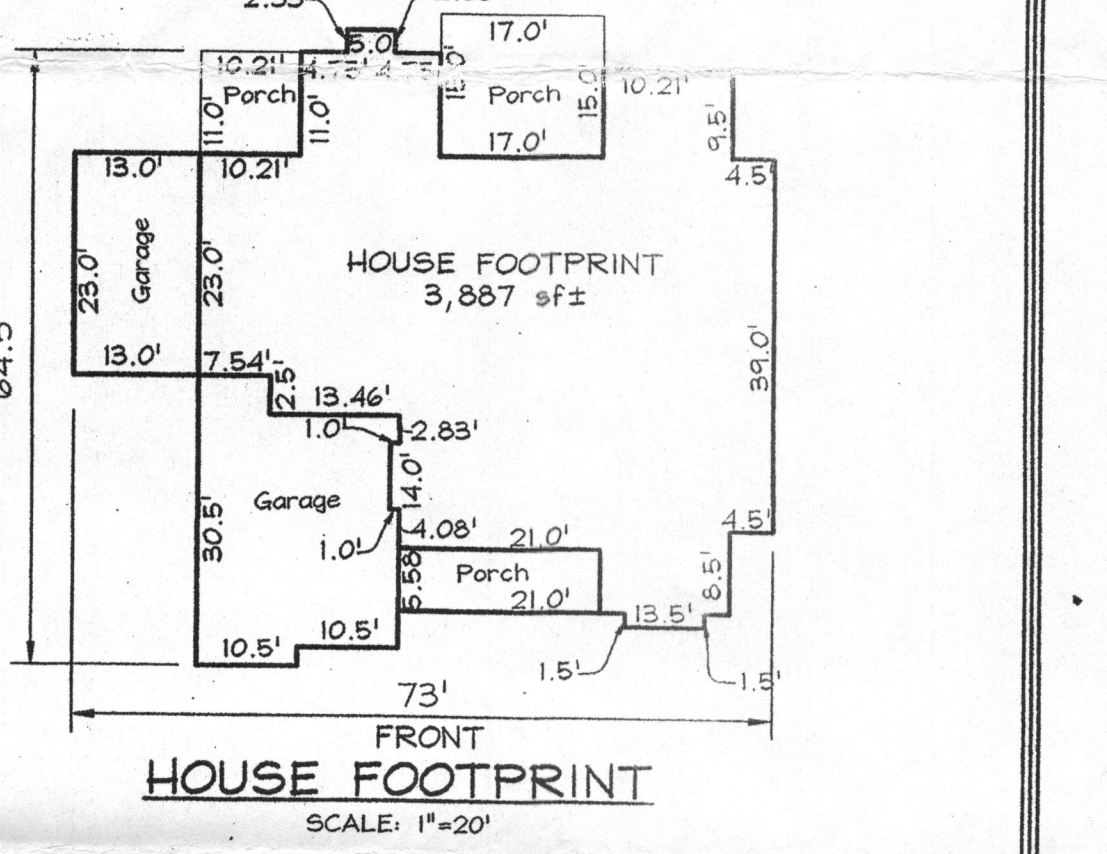
### SEDIMENT CONTROL NOTES

- A minimum of 48 hours notice must be given to the Howard County Department of Inspection, License and Permits Sediment Control Division prior to the start of any construction (410-315-1855).
- All vegetation and structural practices are to be installed according to the provisions of this plan and are to be in accordance with the 1924 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL and revisions thereto.
- Following initial soil disturbance or redistribution, 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.
- All sediment traps/basins shown must be fenced and warning signs posted around their perimeter in accordance with Vol. 1, Chapter 7, HOWARD COUNTY DESIGN MANUAL, Storm Drainage.
- All disturbed areas must be stabilized within the time period specified above in accordance with the 1924 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for permanent seeding, sod, temporary seeding, and mulching (Sec. G). Temporary stabilization with mulch alone shall be done until recommended seeding dates do not allow for proper germination and establishment of grasses.
- All sediment control structures are to remain in place and are to be maintained in operative condition until permission for their removal has been obtained from the Howard County Sediment Control Inspector.
- Site Analysis:
 

Total Area	3.07 Acres
Area Disturbed	0.52 Acres
Area to be revegetated or paved	0.17 Acres
Area to be vegetatively stabilized	0.33 Acres
Total Cut	4,386 CY
Total Fill	385 CY
Offsite waste/borrow area location	
- Any sediment control practice which is disturbed by grading activity for placement of utilities must be repaired on the same day of disturbance.
- Additional sediment controls must be provided, if deemed necessary by the Howard County Sediment Control Inspector.
- 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.
- Trenches for the construction of utilities is limited to three pipe lengths or that which shall be back-filled and stabilized within one working day, whichever is shorter.
- Earthwork quantities are solely for the purpose of calculating fees. Contractor to verify all quantities prior to the start of construction.
- To be determined by contractor, with pre-approval of the Sediment Control Inspector upon an approved and active grading permit.

### GENERAL NOTES

- Subject property zoned "RC-DEO" per 02/20/04 Comprehensive Zoning Plan.
- Total area of property = 3.067 ac.±
- Reference: Plat # 6446
- On-site topography based on a Field Run Topographic Survey prepared by FSH Associates in January, 2005 with two foot contours. Offsite topography based on Aerial Topography Flown in 1993.
- Contractor to confirm all dimensions, utilities and topography in the field. If any conflicts arise, contact Engineer before beginning any work.
- Driveway entrance to be constructed in accordance with Howard County Standard Detail 8.6.06.
- Private water and sewer will be used within this site.
- This area designates a private sewage easement, of at least 10,000 sq ft as required by the Maryland State Department of the Environment for individual sewage disposal (COMAR 26.04.03). 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 sewage easement. Recordation of a modified sewage easement shall not be necessary.
- All wells and septic fields within 100' of property's boundary have been shown. The existing well is located within the northwest portion of the existing house to be removed. If needed, the well will be upgraded to meet current regulations before Use and Occupancy is issued.
- The lots shown herein comply with the minimum ownership, width and lot area as required by the Maryland Department of the Environment.
- Deed History: Parcel 155; Lot 1: 2004-present: Florence Property, LLC; 1986-2004: Ruth I. Wojcik; 1956-1986: Robert A. Wojcik and Ruth I. Wojcik



- ### SEQUENCE OF CONSTRUCTION
- Obtain Grading permit.
  - Notify Howard County Department of Inspections, License and Permits at (410) 315-1880 at least 24 hours before starting any work.
  - Install Stabilized Construction Entrance and Silt Fence. (3 days)
  - Rough grade site. (1 week)
  - Begin house construction.
  - Complete house construction, fine grade site. (2 months)
  - During grading and after each rainfall, contractor will inspect measures on this plan, and provide necessary maintenance to the sediment control or temporary stabilization shall be completed within:
    - 7 calendar days for all perimeter sediment control.
    - 14 calendar days for all other disturbed areas.
  - Upon stabilization of all disturbed areas and with the permission of the sediment control inspector, remove all sediment control measures and stabilize any remaining disturbed area. (1 week)

### SOILS LEGEND

SYMBOL	NAME / DESCRIPTION	SOIL GROUP
GIB2	Glenelg loam, 3 to 8 percent slopes, moderately eroded	B
GIC2	Glenelg loam, 8 to 15 percent slopes, moderately eroded	B

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS IN ACCORDANCE WITH THE MASTER PLAN OF HOWARD COUNTY  
HOWARD COUNTY HEALTH DEPARTMENT  
COUNTY HEALTH OFFICER \_\_\_\_\_ DATE \_\_\_\_\_

### BUILDING PLOT PLAN/ PERCOLATION CERTIFICATION PLAN

## 2873 FLORENCE ROAD

TAX MAP 7 GRID 19  
4TH ELECTION DISTRICT

PARCEL 155  
HOWARD COUNTY, MARYLAND

OWNER/DEVELOPER  
SOUTHERN KRAFT BUILDERS  
8099 FREDERICK ROAD  
ELLICOTT CITY, MARYLAND 21043  
(443) 277-3191

DESIGN BY: ZYF  
DRAWN BY: HK  
CHECKED BY: ZYF  
SCALE: As Shown  
DATE: June 30, 2006  
H.O. No.: 5296  
SHEET No.: 1 OF 1

FSH Associates  
Engineers Planners Surveyors  
8318 Forrest Street, Ellicott City, MD 21043  
Tel: 410-750-2251 Fax: 410-750-7350  
E-mail: info@fsh.biz