

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXXX~~ 410-313-2640

P 58994

A 57630

DISTRICT 4th

DATE 9/25/97

DATE SYSTEM APPROVED 12/2/97

INSPECTOR JKS

04-33117

INDEXED

South Carroll Backhoe, Inc. IS PERMITTED TO INSTALL  ALTER

ADDRESS 4410 Salem Bottom Road, Westminster, Maryland 21157 PHONE 410-875-4197

SUBDIVISION Ridge View Hunt (Glenview-Formerly) LOT Parcel "B" ROAD 15115 Carrs Mill Road

PROPERTY OWNER R. H. Development, L.L.C. / HOANAS

ADDRESS \_\_\_\_\_

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240

TRENCHES - Trench to be 3 feet wide. Inlet 3.5 feet below original grade. Bottom maximum depth 5.5 feet below original grade. Effective area begins at 4.0 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Begin trenches at highest portion of the septic easement.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK/MR

PLANS APPROVED BY Amy McMillen DATE 08/26/97

COVER NO WORK UNTIL INSPECTED AND APPROVED

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

NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS, 90° ELBOWS NOT ACCEPTABLE.

NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E. TANK, DISTRIBUTION BOX TRENCHES) TO BE 100 FEET FROM WELL (UNLESS OTHERWISE SPECIFICALLY AUTHORIZED)

NOTE: IF DEEP TRENCH(ES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(ES)

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 35/40 PVC OR ABS

PERMIT VOID AFTER TWO YEARS

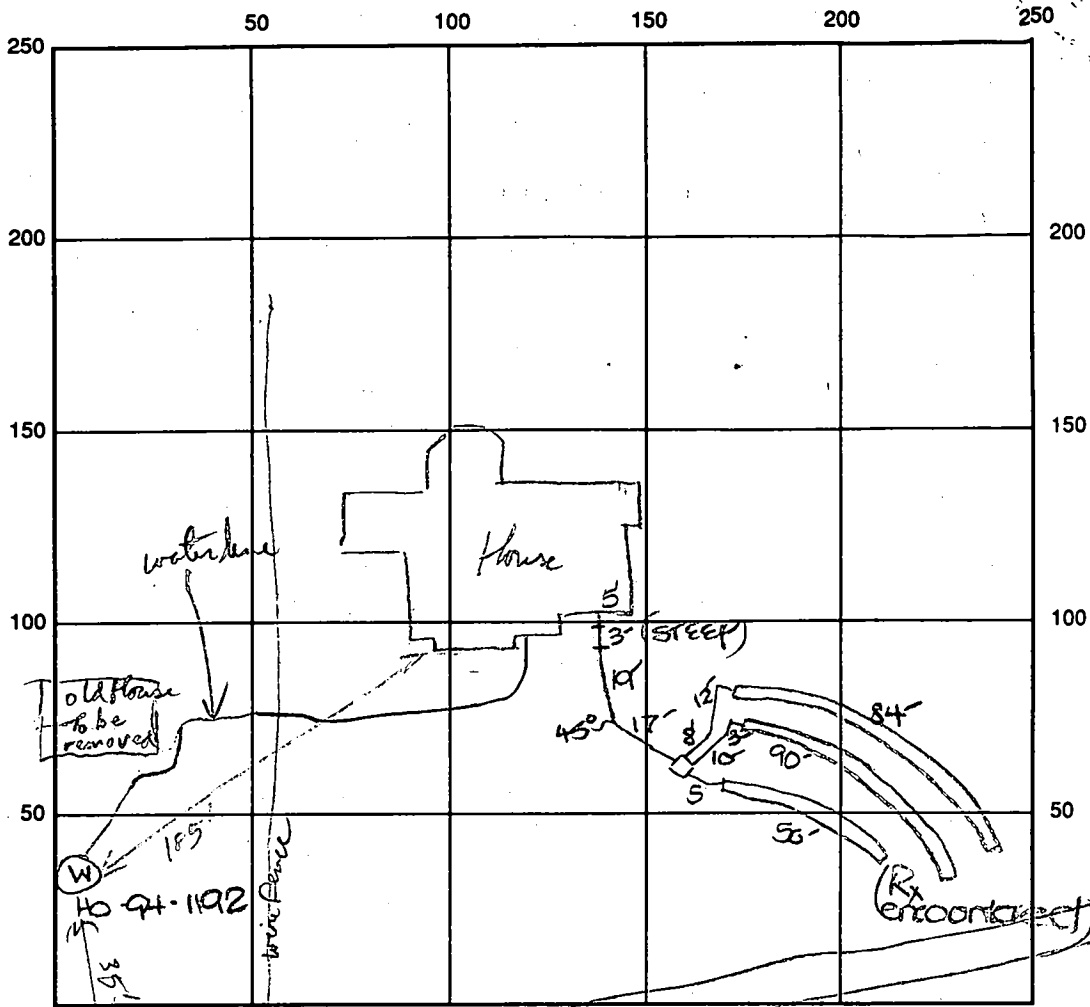
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON. CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

**\*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**

A 57630

12/1/97  
12/1/00  
SEPTIC ABAND.  
831  
card



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE  
 CARIS TRAIL RD.

SEPTIC TANK LEVEL OK - 1250 gal CLEANOUTS one on s.t.

DISTRIBUTION BOX LEVEL OK

DRAIN FIELD/TITLE DEPTH 5.5 FT. TRENCH WIDTH 3 FT. INLET DEPTH 3.5 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH  $\frac{84}{90} \times 50$  FT.  $\rightarrow$  224'

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 672 SQ. FT.

DRYWALL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET — FT.

ABSORBENT AREA — SQ. FT.

REMARKS: 12/1/97 s.t. set - ok to continue. DCS

12/2/97 FINAL INSP - OK to cover all work. DCS

12/3/97 WTI - pitless adapter & water line ok to cover. 12/13/99

DATE SYSTEM APPROVED 12/2/97 INSPECTOR [Signature]

# APPLICATION

PERCOLATION TESTING

A 57630

P \_\_\_\_\_

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

DISTRICT \_\_\_\_\_

DATE 1/7/97

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER B.H. DEVELOPMENT L.L.C.

ADDRESS 8668 BALTIMORE NATIONAL PHONE (410) 465-2321

AGENT OR PROSPECTIVE BUYER \_\_\_\_\_

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION RIDGE VIEW HUNT (FORMERLY <sup>GLEN</sup> VIEW) LOT NO. PARCEL "B"

ROAD AND DESCRIPTION 15115' CARRS MILL ROAD

BLDG. PERMIT SIGN'D  
~~AND RETURNED~~ 8-26-97  
Serial # 570107336

TAX MAP 14 PARCEL # 14

SIZE OF LOT 30 AC ± TYPE BLDG. SFD  
(SINGLE FAMILY DWELLING OR COMMERCIAL)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT. Ch Malaga for R.H. Development LLC.  
(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

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

COUNTY #

SOIL PROFILE

0' 3015 3013  
3010

orange brown  
SiCLM

5.0

lgt brn  
SiLM

10%  
rocks

13.0

3014

orange brown  
SiCLM

5.0

lgt tan  
SiLM

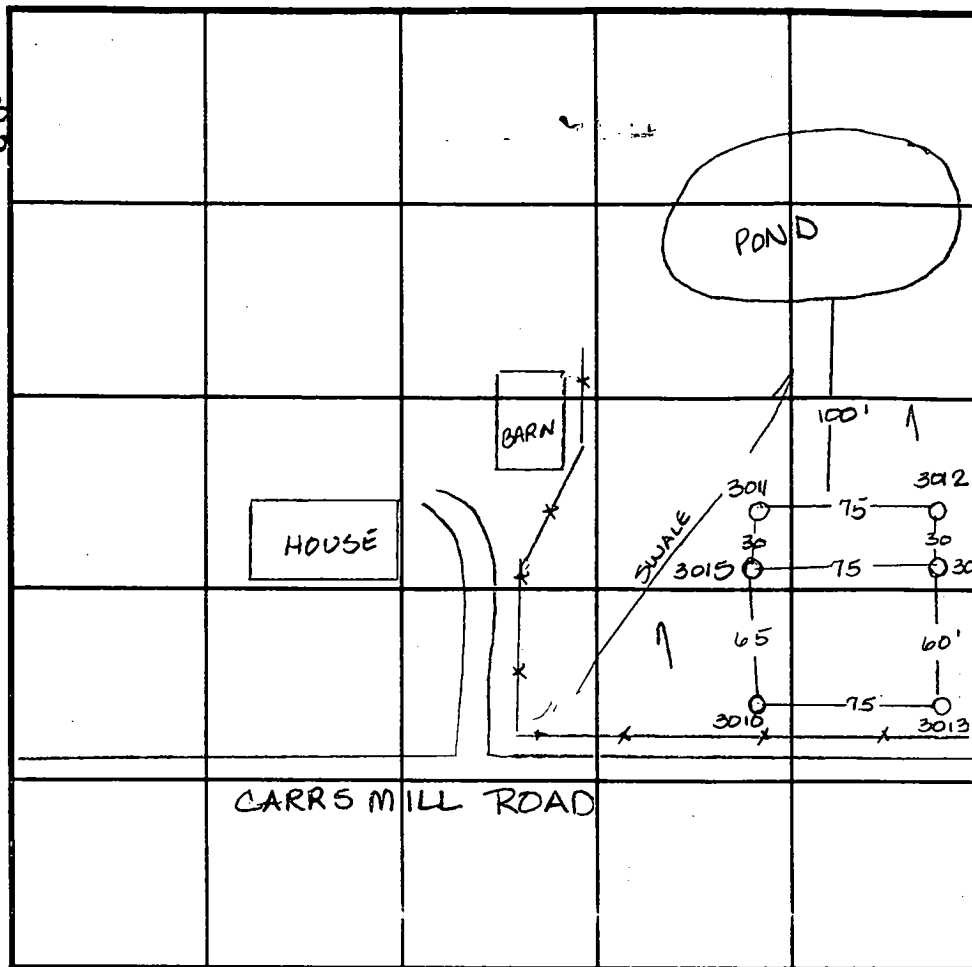
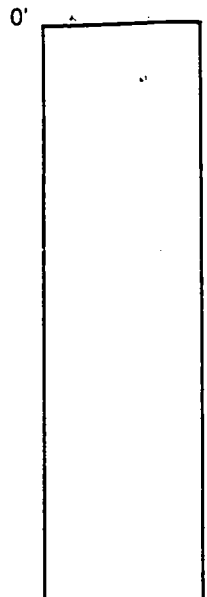
5%  
rocks

11.0

dull green  
grey SiLM

12.0

SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
1-13-97	3013	5.5 / 13.0	9:47	9:51	9:51	9:56	5min
	3014	5.0 / 12.0	10:56	11:03	11:03	11:20	17min
	3015	4.5 / 11.5	10:59	11:02	11:02	11:08	6min
	3010	4.0 / 13.0	10:10	10:13	10:13	10:18	5min
	3012	Water @ 9.0	clay to 6.0	—		F	
	3011	>50% rock	beginning @ 3.0'		F		

REMARKS - This is considered a wet season test due to a rainfall in 1996

TYPE OF SOIL \_\_\_\_\_

TESTED BY Amy McMullen ALSO PRESENT \_\_\_\_\_

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_

INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_

*Handwritten signature/initials*

RICHARD V. HOENES  
8668 BALTIMORE NATIONAL PIKE  
ELLCOTT CITY, MD 21043

410 465-2321

FAX COVER SHEET

TO CRAIG Williams Health Dept

FAX NUMBER ~~12/2/97~~ 410-313-2648

NUMBER OF PAGES INCLUDING COVER SHEET ①

DATE 12/3/97

MESSAGE FOR Pinal Plot RIDGE VIEW HOUST

F-97-120 Re Problem with demolition  
old House. The Septic has been pumped & filled &  
I want to use old well as it services the  
barn & some one said yesterday it has to be abandoned.  
Since <sup>new</sup> house has a new well cant I still use the  
old one just for Barn water. It has new  
equipment ie pump & tank put in this last year  
By Easter day

FOR YOUR INFORMATION

PLEASE CALL TO DISCUSS

THANK YOU

*Thanks*  
*Richard Hoenes*  
*410-465-2321*



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## HOWARD COUNTY HEALTH DEPARTMENT

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*Joyce M. Boyd, M.D., County Health Officer*

December 5, 1997

MEMORANDUM

TO: Mr. Richard Hoenes  
8668 Baltimore National Pike  
Ellicott City, Maryland 21043

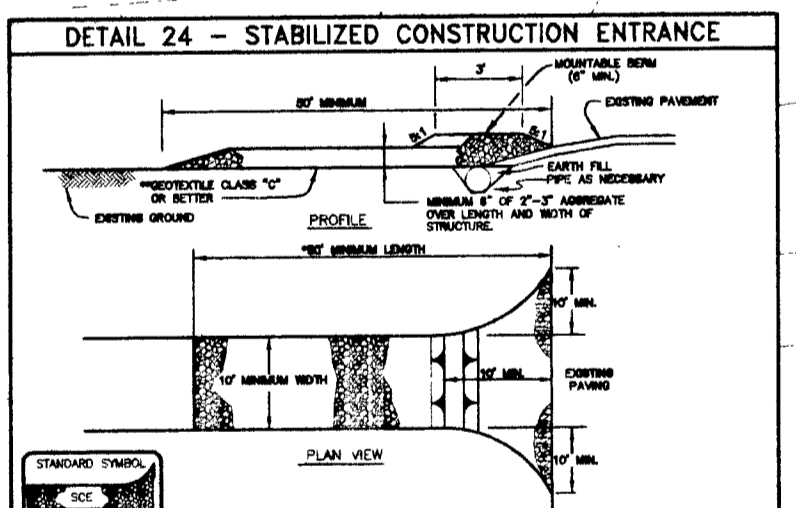
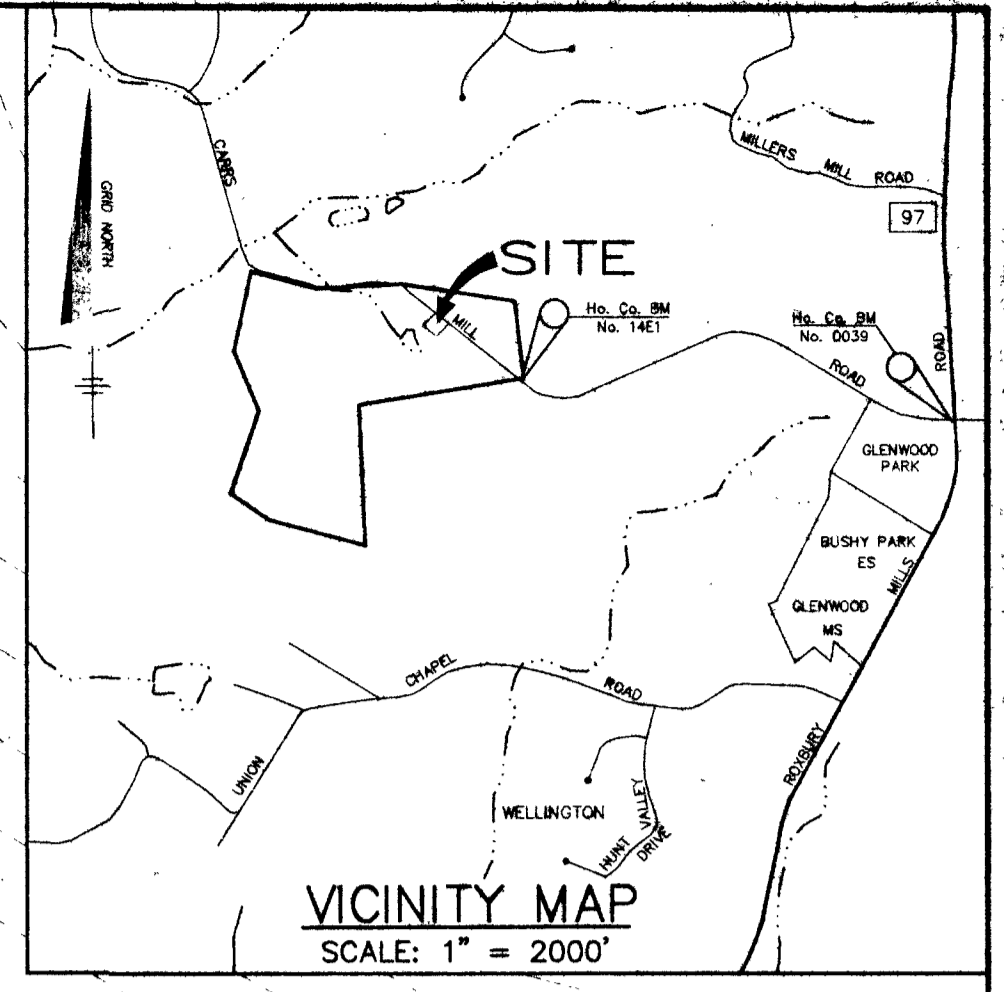
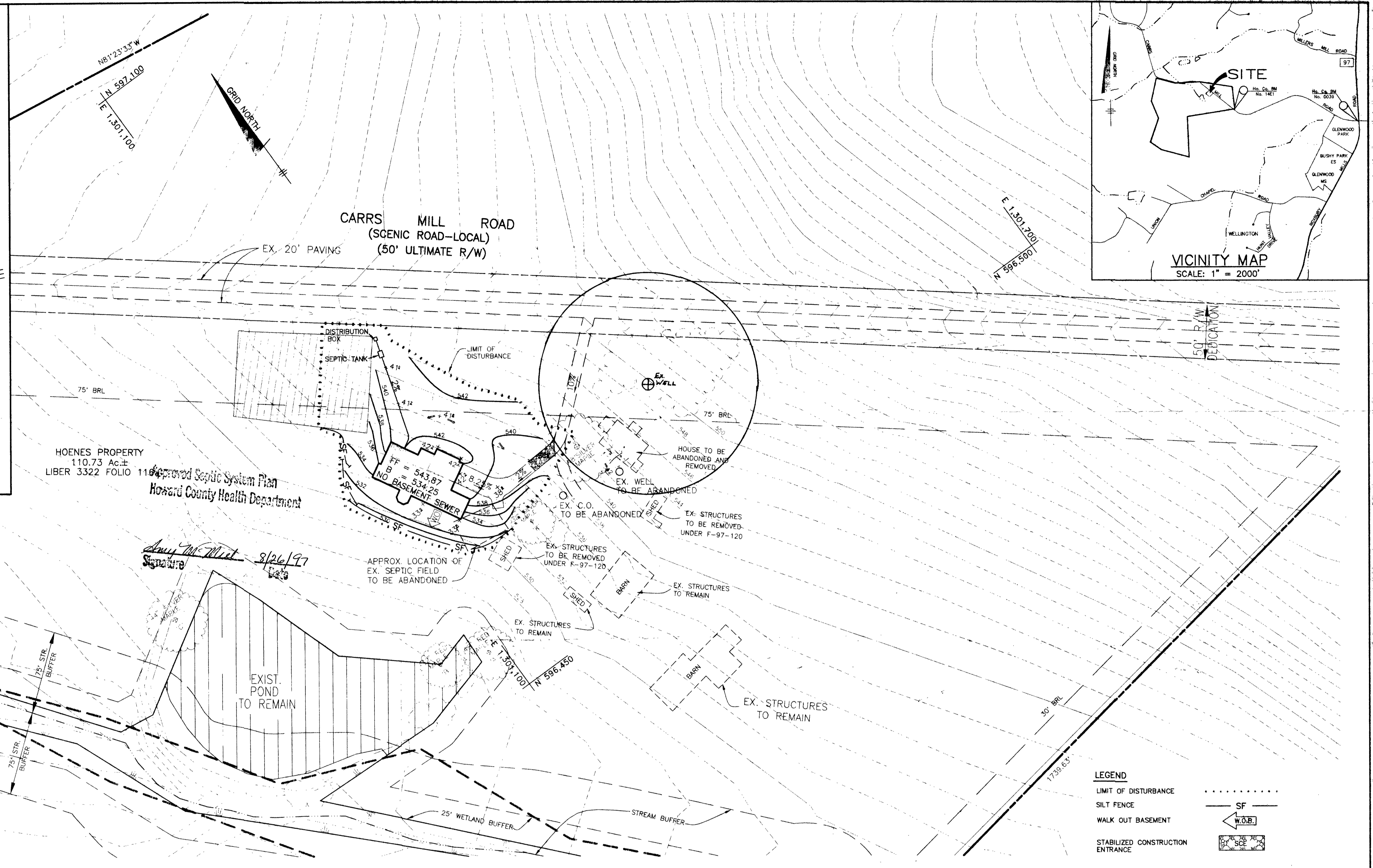
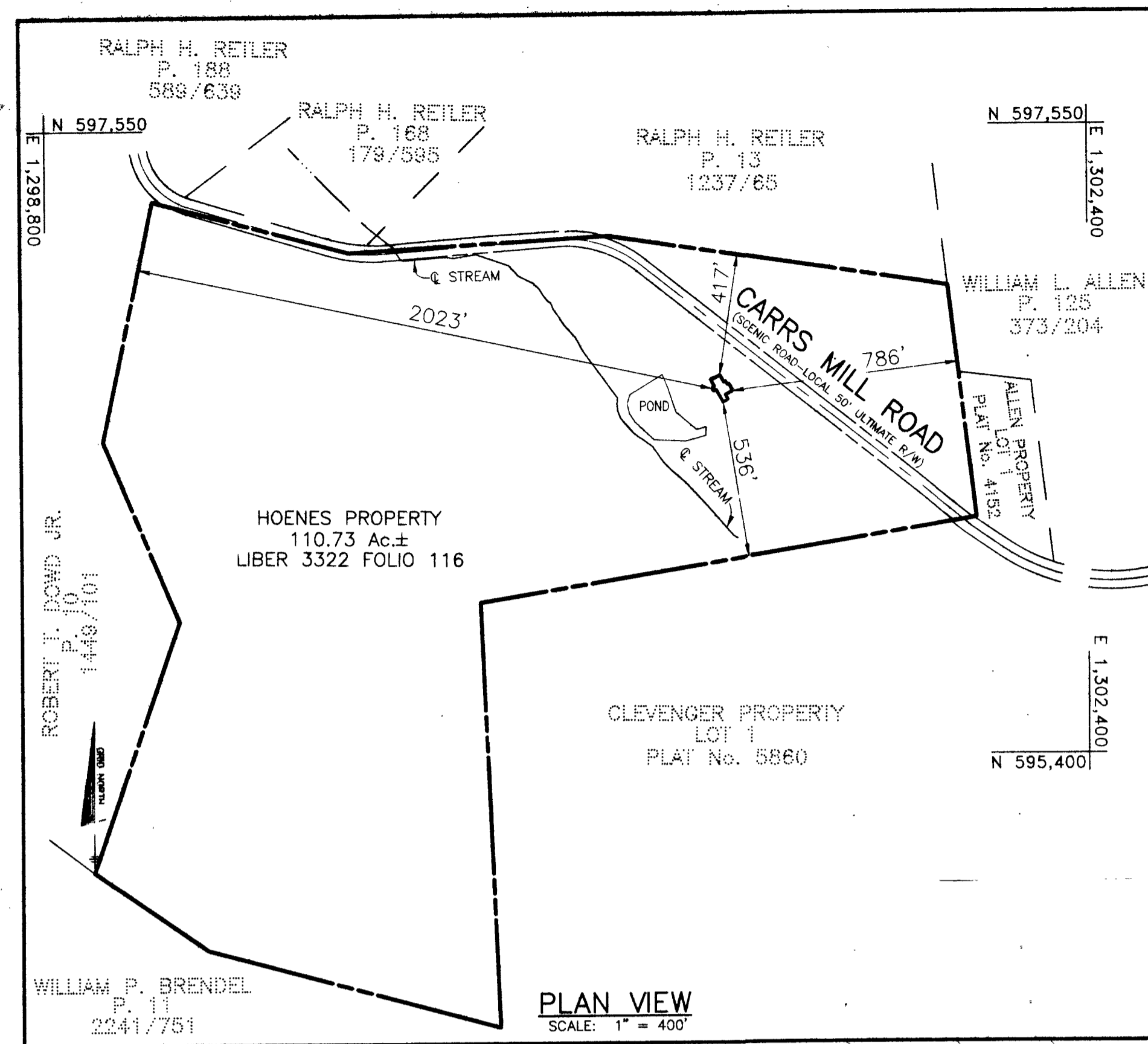
FROM: Donna K. Soe, R.S. *DKS*  
Water and Sewerage Program

RE: Demolition Permit  
Ridge View Hunt  
15115 Carrs Mill Road

This is to advise that the Howard County Health Department recommends issuance of the demolition permit for the above referenced property.

The septic system that served the existing house was properly abandoned December 2, 1997. The well that served the house was properly disconnected December 5, 1997.

DKS  
cc: file

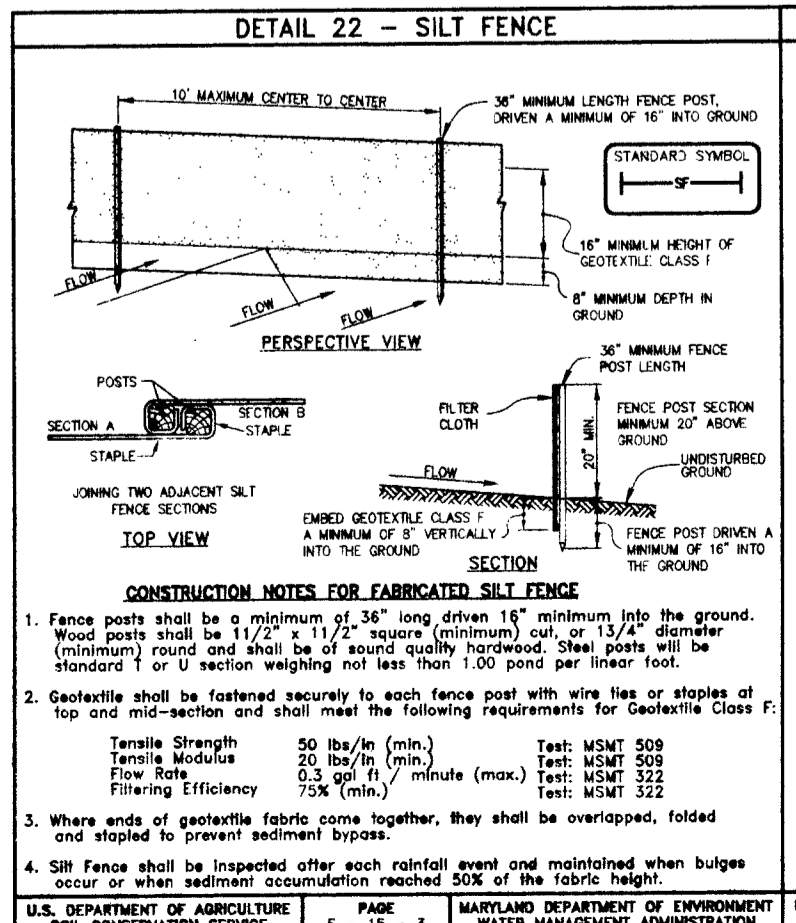


**NOTES:**

1. THE LOT SHOWN HEREON COMPLES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREAS AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
2. THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWER 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 VARIANCES FOR ENFORCEMENT INTO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT PLAT SHALL NOT BE NECESSARY.
3. UNLESS OTHERWISE SHOWN, NO WELLS OR SEWERAGE EASEMENTS ARE LOCATED WITHIN 100 FEET OF THE PROPERTY.
4. TOPOGRAPHY SHOWN HEREON IS TAKEN FROM HOWARD COUNTY 200 SCALE AERIAL MAP.
5. EXACT LENGTH OF SEPTIC TRENCHES TO BE DETERMINED BY THE HEALTH DEPARTMENT AT THE TIME OF PERMIT ISSUANCE.

**SEQUENCE OF CONSTRUCTION**

- DAY 1 OBTAIN A GRADING PERMIT
- DAY 2-4 INSTALL SILT FENCE AND STABILIZE CONSTRUCTION ENTRANCE
- DAY 5-10 GRADE SITE AND STABILIZE IN ACCORDANCE WITH PERMANENT SEEDING NOTES
- DAY 11-101 CONSTRUCT HOUSE, INSTALL DRIVEWAY AND UTILITIES
- DAY 102 STABILIZE ANY REMAINING DISTURBED AREAS IN ACCORDANCE WITH PERMANENT SEEDING NOTES.
- DAY 103-106 UPON APPROVAL OF THE HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS SEDIMENT CONTROL INSPECTOR, REMOVE ALL REMAINING SEDIMENT CONTROL DORIES AND STABILIZE IN ACCORDANCE WITH PERMANENT SEEDING NOTES.



**SILT FENCE DESIGN CRITERIA**

Slope Steepness	(Maximum) Slope Length	(Minimum) Silt Fence Length
Flatter than 50:1	unlimited	unlimited
50:1 to 10:1	125 feet	1,000 feet
10:1 to 5:1	100 feet	750 feet
5:1 to 3:1	80 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 rocky soils (SMA general classification systems and Class A) maximum slope length and silt fence length will be unlimited. In these areas a silt fence may be the only permanent control required.

1. Fence posts shall be a minimum of 3/4" long, driven 16" minimum into the ground. Round posts shall be of equal quality hardwood. Steel posts will be standard 1" or 1 1/2" diameter rebar not less than 100 gauge per linear foot.
2. Geotextile 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 I:
  - Length: 50 yds (min.)
  - Width: 20 ft (min.)
  - Flow Rate: 100 gpm (min.)
  - Filtration Efficiency: 75% (min.)
3. 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 concentration reaches 50% of the fabric height.

**TEMPORARY SEEDING PREPARATION**

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, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING. F NOT PREVIOUSLY LOOSENED.

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

SEEDING: FOR PERIOD MARCH 1 THROUGH APRIL 30 AND FROM AUGUST 15 THROUGH NOVEMBER 15, SEED WITH 2-1/2 BUSHELS PER ACRE OF ANNUAL RYE (5.2 LBS/1000 SQ FT). FOR THE PERIOD MAY 1 THROUGH AUGUST 14, SEED WITH 3 LBS PER ACRE OF WEEPING LOVEGRASS (0.7 LBS/1000 SQ FT). FOR THE PERIOD NOVEMBER 16 THROUGH FEBRUARY 28, PROTECT SITE BY APPLYING 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING OR USE SO2.

**SEDIMENT CONTROL NOTES**

1. A MINIMUM OF 48 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY DEPARTMENT OF INSPECTIONS AND PERMITS SEDIMENT CONTROL DIVISION PRIOR TO THE START OF ANY CONSTRUCTION.
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 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL AND REVISIONS THERE TO.
3. FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: A) 7 CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DICES, 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. 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.

**INV. AT HOUSE** = 540.26

**INV. IN SEPTIC TANK** = 538.52

**INV. OUT SEPTIC TANK** = 538.19

**GROUND AT SEPTIC TANK** = 540.75

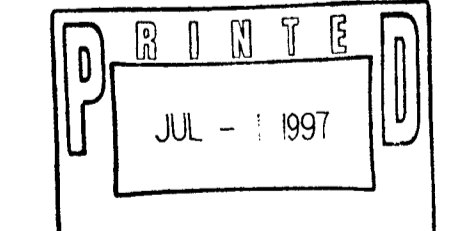
**INV. IN DISTR. BOX** = 538.00

**INV. OUT DISTR. BOX** = 537.80

**GROUND AT DISTR. BOX** = 541.00

**INV. IN TRENCHES** = 537.60

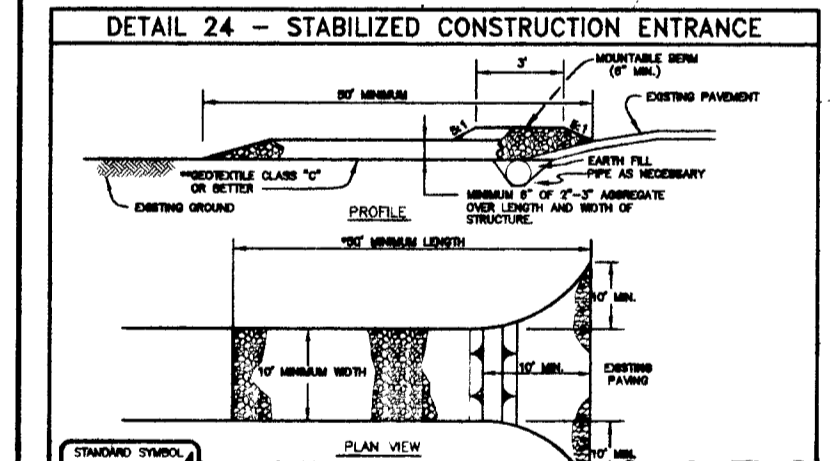
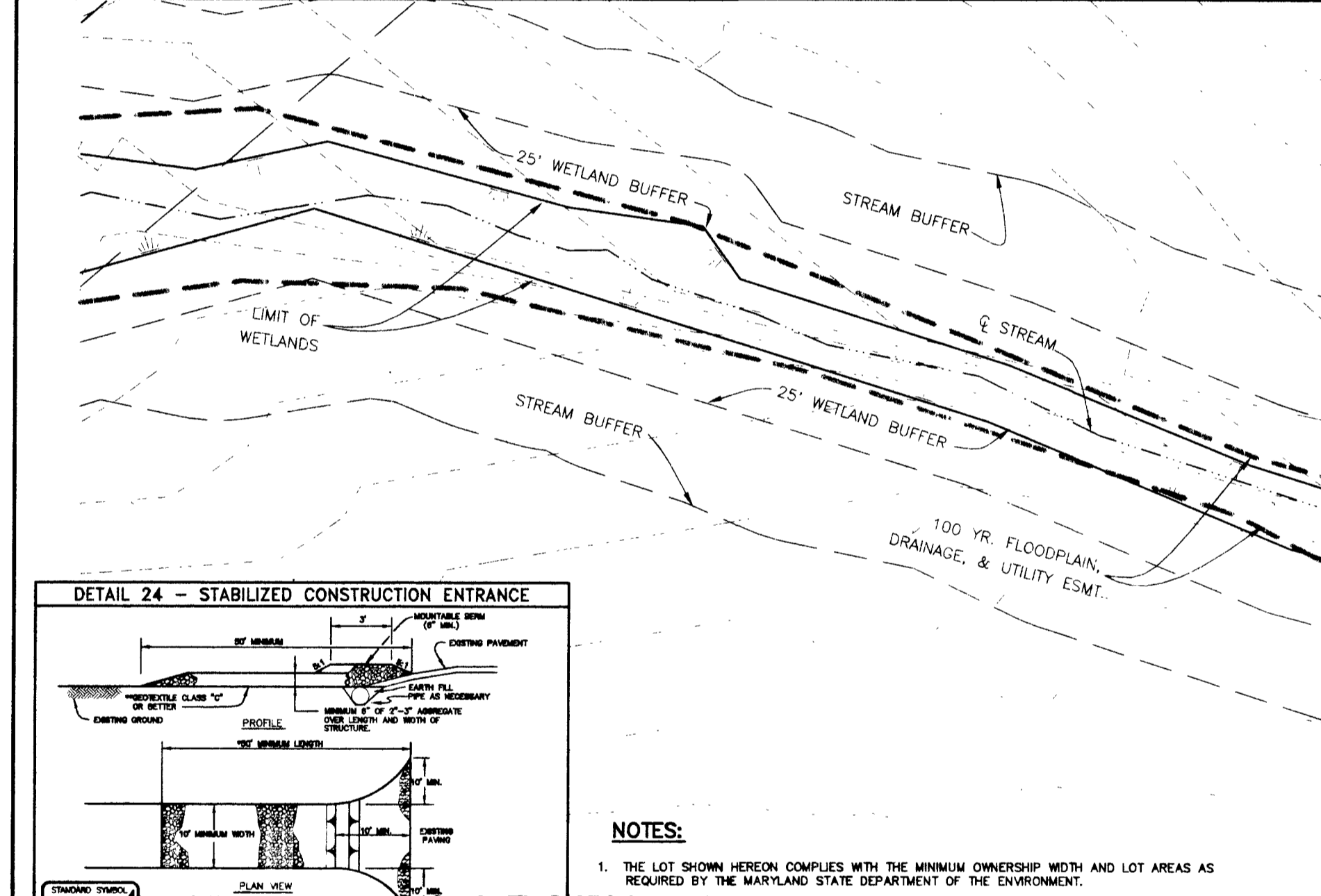
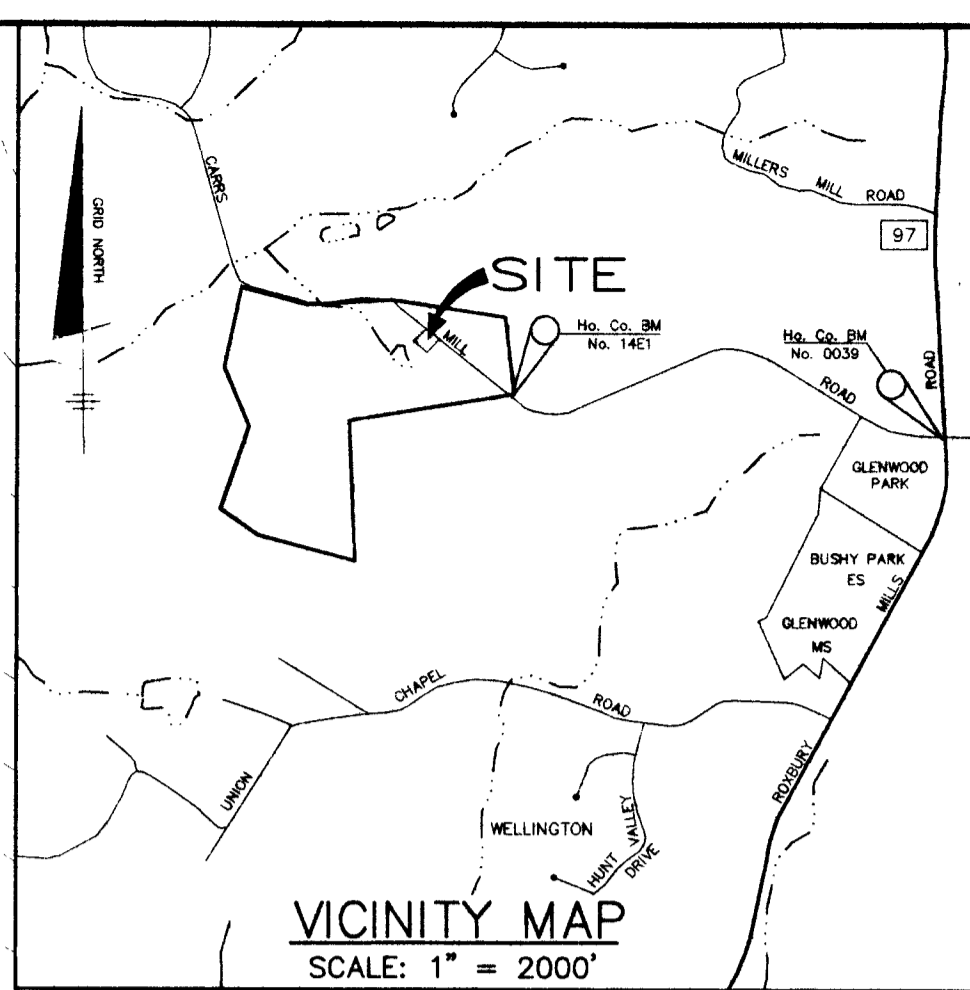
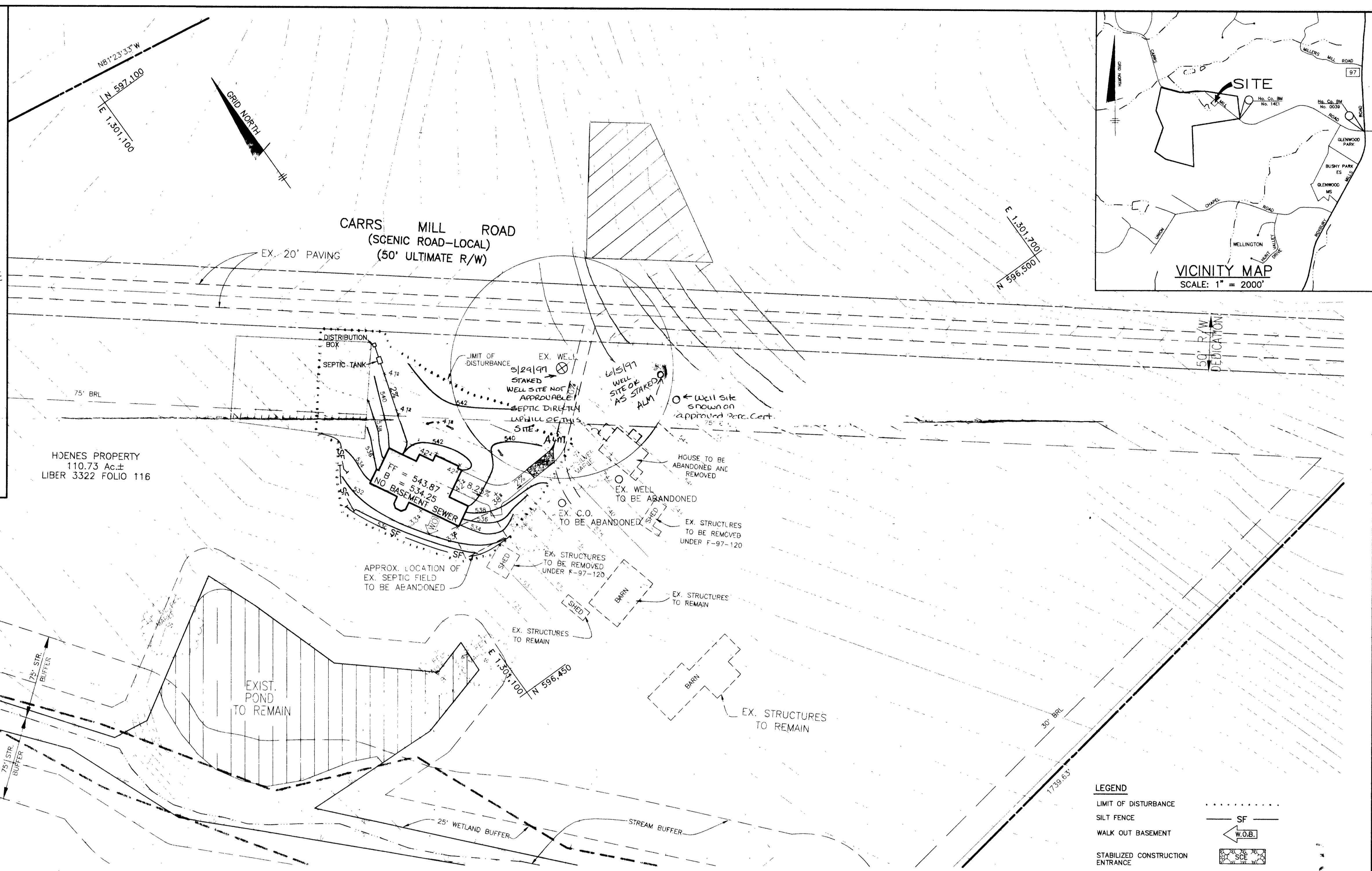
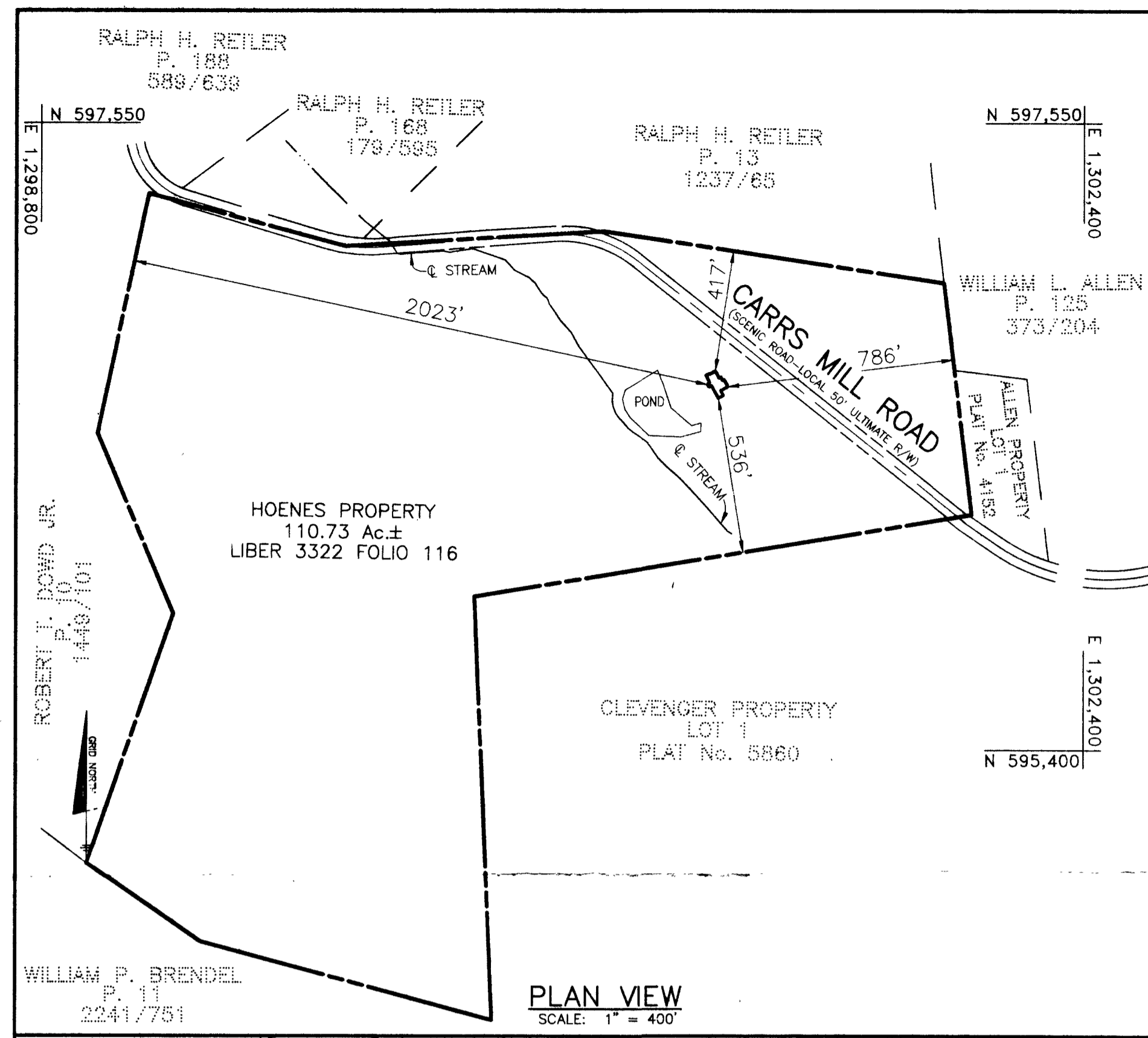
NOTE: ALL SEDIMENT CONTROL FEATURES SHALL BE INSTALLED IN ACCORDANCE WITH STANDARD DETAILS SHOWN IN THE 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.



NO	DATE	REVISION

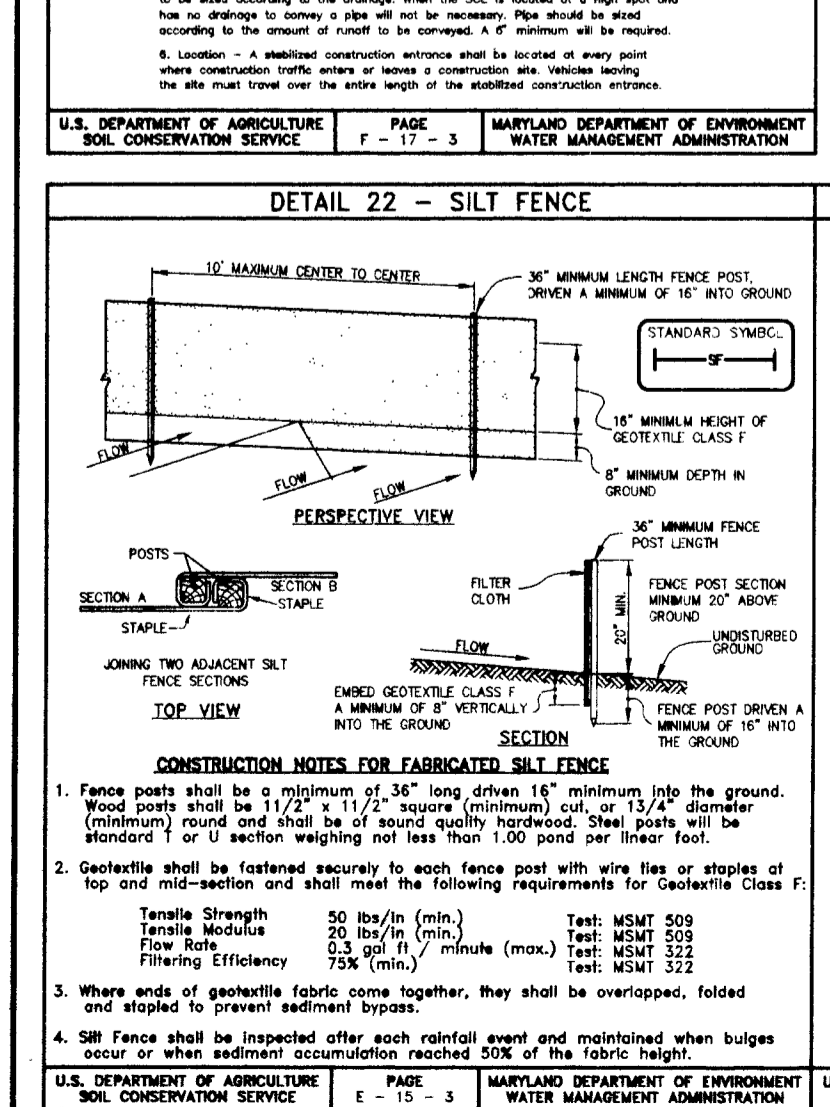
**TSA GROUP, INC.**  
 planning • architecture • engineering • surveying  
 8680 Baltimore National Pike • Ellicott City, Maryland 21043 • (410) 465-8106

OWNER/DEVELOPER	<b>HOENES RESIDENCE</b>	
LOCATION:	TAX MAP 14, PARCEL 14	4th ELECTION DISTRICT
TITLE:	<b>PLOT PLAN</b>	
DATE:	APRIL, 1997	PROJECT NO. 0971
SCALE:	AS SHOWN	DRAWING 1 OF 1



**NOTES:**

1. THE LOT SHOWN HEREON COMPLES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREAS AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
2. THIS AREA RESIDES A PRIVATE SEWERAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE 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 VARIANCES FOR ENROACHMENT INTO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT PLAT SHALL NOT BE NECESSARY.
3. UNLESS OTHERWISE SHOWN, NO WELLS OR SEWERAGE LOCATIONS ARE LOCATED WITHIN 100 FEET OF THE PROPERTY.
4. TOPOGRAPHY SHOWN HEREON IS TAKEN FROM HOWARD COUNTY 200 SCALE AERIAL MAP.
5. EXACT LENGTH OF SEPTIC TRENCHES TO BE DETERMINED BY THE HEALTH DEPARTMENT AT THE TIME OF PERMIT ISSUANCE.



**SILT FENCE**

**SILT FENCE DESIGN CRITERIA**

Slope Steepness	(Maximum) Slope Length	(Maximum) Silt Fence Length
Flatter than 50:1	unlimited	unlimited
50:1 to 10:1	125 feet	1,000 feet
10:1 to 5:1	100 feet	750 feet
5:1 to 3:1	80 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 reduced. In these areas a silt fence may be the only perimeter control required.

**SEQUENCE OF CONSTRUCTION**

- |             |   |
|-------------|---|
| DAY 1       | OBTAIN A GRADING PERMIT   |
| DAY 2-4     | INSTALL SILT FENCE AND STABILIZE CONSTRUCTION ENTRANCE  |
| DAY 5-10    | GRADE SITE AND STABILIZE IN ACCORDANCE WITH PERMANENT SEEDING NOTES   |
| DAY 11-101  | CONSTRUCT HOUSE, INSTALL DRIVEWAY AND UTILITIES   |
| DAY 102     | STABILIZE ANY REMAINING DISTURBED AREAS IN ACCORDANCE WITH PERMANENT SEEDING NOTES  |
| JAY 103-106 | UPON APPROVAL OF THE HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS SEDIMENT CONTROL INSPECTOR REMOVE ALL REMAINING SEDIMENT CONTROL DEVICES AND STABILIZE IN ACCORDANCE WITH PERMANENT SEEDING NOTES |

**TEMPORARY SEEDING PREPARATION**

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

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

SEEDING: FOR PERIOD MARCH 1 THROUGH APRIL 30 AND FROM AUGUST 10 THROUGH NOVEMBER 15, SEED WITH 2-1/2 BUSHELS PER ACRE OF ANNUAL RYE (3.2 LBS/1000 SQ FT) FOR THE PERIOD MAY 1 THROUGH AUGUST 14, SEED WITH 3 LBS PER ACRE OF WEEPING LOVEGRASS (0.7 LBS/1000 SQ FT) FOR THE PERIOD NOVEMBER 16 THROUGH FEBRUARY 28. PROTECT SITE BY APPLYING 2 TONS PER ACRE OF WELL-ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING, OR USE SOO.

MULCHING: APPLY 1-1/2 TO 2 TONS PER ACRE (70 TO 90 LBS/1000 SQ FT) OF UNROOTED SMALL GRASS STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 218 GALLONS PER ACRE (5 GAL/1000 SQ FT) OF ENLARGED ASPHALT ON FLAT AREAS, ON SLOPES 8 FT OR HIGHER, USE 348 GALLONS PER ACRE (8 GAL/1000 SQ FT) FOR ANCHORING.

REFER TO THE 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR RATE AND METHODS NOT COVERED.

**PERMANENT SEEDING PREPARATION**

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

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

1. PREFERRED - APPLY 3 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS/1000 SQ FT) AND 800 LBS PER ACRE 10-10-10 FERTILIZER (14 LBS/1000 SQ FT) BEFORE SEEDING. HARBOR OR DISC INTO UPPER THREE INCHES OF SOIL. AT THE 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. HARBOR OR DISC INTO UPPER THREE INCHES OF SOIL.

SEEDING: FOR THE PERIODS MARCH 1 THROUGH APRIL 30 AND AUGUST 1 THROUGH OCTOBER 15, SEED WITH 80 LBS PER ACRE (1.4 LBS/1000 SQ FT) OF KENTUCKY 31 TALL FESCUE PER ACRE AND 2 LBS PER ACRE (0.9 LBS/1000 SQ FT) OF WEEPING LOVEGRASS. DURING THE PERIOD OF OCTOBER 16 THROUGH FEBRUARY 28, PROTECT SITE BY APPLYING 1 1/2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING. OPTION (2) USE SOO. OPTION (3) SEED WITH 80 LBS PER ACRE OF KENTUCKY 31 TALL FESCUE AND MULCH WITH 2 TONS PER ACRE OF WELL ANCHORED STRAW.

MULCHING: APPLY 1-1/2 TO 2 TONS PER ACRE (70 TO 90 LBS/1000 SQ FT) OF UNROOTED SMALL GRASS STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 218 GALLONS PER ACRE (5 GAL/1000 SQ FT) OF ENLARGED ASPHALT ON FLAT AREAS, ON SLOPES 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.

**SEDIMENT CONTROL NOTES**

1. A MINIMUM OF 48 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY DEPARTMENT OF INSPECTIONS AND PERMITS SEDIMENT CONTROL DIVISION PRIOR TO THE START OF ANY CONSTRUCTION.
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 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL AND REVISIONS THEREOF.
3. FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: A) 7 CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, OVERS, PERMETER 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 SEEDINGS (SEC. 91) AND (SEC. 94). TEMPORARY SEEDING (SEC. 50) AND MULCHING (SEC. 50). 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	28.85 ACRES
AREA TO BE ROOFED OR PAVED	0.68 ACRES
AREA TO BE VEGETATIVELY STABILIZED	25.57 ACRES
TOTAL CUT	10,000 CU YDS
TOTAL FILL	2,000 CU YDS
OFFSITE WASTE/BORROW AREA LOCATION	** TO BE DETERMINED BY CONTRACTOR/OWNER.
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 CONTROLS MUST BE PROVIDED, IF DEEMED NECESSARY BY THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
10. ON ALL SITES WITH DISTURBED AREAS IN EXCESS OF 2 ACRES, APPROVAL OF THE PROTECTION AGENCY SHALL BE REQUESTED UPON COMPLETION OF INSTALLATION OF PERMETER EROSION AND SEDIMENT CONTROLS, BUT BEFORE PROCEEDING WITH ANY OTHER EARTH DISTURBANCE OR GRADING. OTHER BUILDING OR GRADING RESTRICTION APPROVALS MAY NOT BE AUTHORIZED UNTIL THIS INITIAL APPROVAL BY THE PROTECTION AGENCY IS MADE.
11. TRENCHES FOR THE CONSTRUCTION OF UTILITIES ARE LIMITED TO THREE PIPE LENGTHS OR THAT WHICH CAN BE BACK FILLED AND STABILIZED WITHIN ONE WORKING DAY, WHICHEVER IS SHORTER.

INV. AT HOUSE	= 540.26
INV. IN SEPTIC TANK	= 538.52
INV. OUT SEPTIC TANK	= 538.19
GROUND AT SEPTIC TANK	= 540.75
INV. IN DISTR. BOX	= 538.00
INV. OUT DISTR. BOX	= 537.80
GROUND AT DISTR. BOX	= 541.00
INV. IN TRENCHES	= 537.60

NOTE: ALL SEDIMENT CONTROL FEATURES SHALL BE INSTALLED IN ACCORDANCE WITH STANDARD DETAILS SHOWN IN THE 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.

**TSA GROUP, INC.**  
 planning • architecture • engineering • surveying  
 5490 Baltimore National Pike • Ellicott City, Maryland 21043 • (410) 465-8108

**OWNER/DEVELOPER**  
 R.H. DEVELOPMENT, L.L.C.  
 8668 BALTIMORE NATIONAL PIKE  
 ELLICOTT CITY, MD 21041  
 (410) 465-2321

**PROJECT:** HOENES RESIDENCE

**LOCATION:** TAX MAP 14, PARCEL 14  
 4TH ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND

**TITLE:** PLOT PLAN

**DATE:** APRIL 1997

**PROJECT NO. 0971**

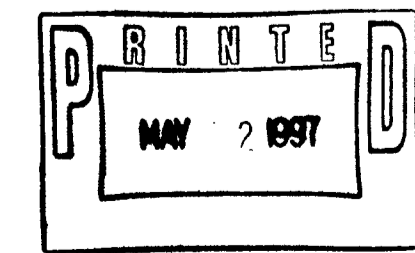
**DESIGNERS:** YSL/JMC

**CHK:** CAM

**DRN:** YSL/JMC

**SCALE:** AS SHOWN

**DRAWING:** 1 OF 2



C1 6087

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

COUNTY NUMBER A 57630

ST/CO USE ONLY DATE Received MM 7-2-97 YY 97

DATE WELL COMPLETED MM 06 DD 19 YY 97

Depth of Well 22 300 26 (TO NEAREST FOOT)

OK KM 7-7-97

PERMIT NO. FROM "PERMIT TO DRILL WELL" HD-94-1192

OWNER R H Development L.L.C. STREET OR RFD Carrs Mill Road TOWN Glenwood SUBDIVISION Ridge View Hunt SECTION LOT P.P. "B"

WELL LOG

Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

Table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), check if water bearing. Rows include: top soil (0-2), Shale (2-50), Brown mch. (50-92), Gray mch. (92-110), Brown mch. (110-120), Gray mch. (120-300), Quartz.

GROUTING RECORD

WELL HAS BEEN GROUTED (Y/N) TYPE OF GROUTING MATERIAL (CM, BC) CEMENT BENTONITE CLAY NO. OF BAGS 18 NO. OF POUNDS 1880 GALLONS OF WATER 90 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 53 ft.

CASING RECORD

types insert appropriate code below (ST, CO, PL, OT) MAIN CASING TYPE ST Nominal diameter top (main) casing (nearest inch)! 6 Total depth of main casing (nearest foot) 60

OTHER CASING (if used)

diameter inch depth (feet) from to

SCREEN RECORD

screen type or open hole (ST, BR, HO, PL, OT) insert appropriate code below

C 3

PUMPING TEST

HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min.) 8 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 50 ft. WHEN PUMPING 300 ft. TYPE OF PUMP USED (for test) A air, P piston, T turbine, C centrifugal, R rotary, O other, J jet, S submersible

PUMP INSTALLED

DRILLER WILL INSTALL PUMP YES NO IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS. TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29. CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 35 PUMP HORSE POWER 37 41 PUMP COLUMN LENGTH (nearest ft.) 43 47 CASING HEIGHT (circle appropriate box and enter casing height) 49 above LAND SURFACE below 2 (nearest foot)

C 2

DEPTH (nearest ft.)

Table with columns: E, A, C, H, S, C, R, E, E, N. Rows include: 8, 9, 11, 15, 17, 21; 23, 24, 26, 30, 32, 36; 38, 39, 41, 45, 47, 51; SLOT SIZE 1, 2, 3; DIAMETER OF SCREEN (NEAREST INCH) 56, 60

NUMBER OF UNSUCCESSFUL WELLS: 0 WELL HYDROFRACTURED (Y/N)

CIRCLE APPROPRIATE LETTER A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED E ELECTRIC LOG OBTAINED P TEST WELL CONVERTED TO PRODUCTION WELL

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT...

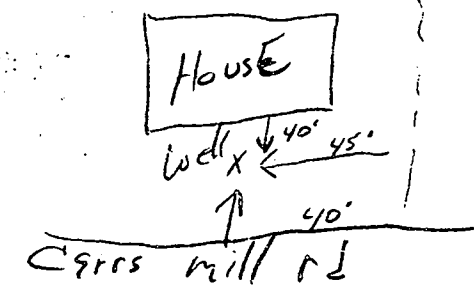
DRILLERS LIC. NO. MWD 040 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO. MWD 481 SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q 70 72 74 75 76 TELESCOPE CASING LOG INDICATOR OTHER DATA

LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND /OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)



B 1 **9364** SEQUENCE NO. (MDE USE ONLY)

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND  
 PERMIT TO DRILL WELL  
 please print or type

STATE PERMIT NUMBER  
**HO-94-1192**  
 fill in this form completely

Date Received (APA) **5/15/97** OWNER INFORMATION **RN 7097**

**R. H. Development L L C**

8668 Baltimore National Pike  
 Ellicott City, Md. 21043

B 3 **Howard** LOCATION OF WELL **CC#**

8 COUNTY 21

23 SUBDIVISION 42

SECTION **Glenwood** LOT 48 50

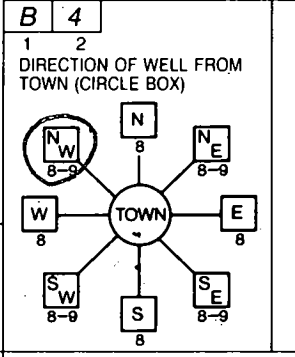
52 NEAREST TOWN 71

MILES FROM TOWN (enter 0 if in town) **1** M I

DRILLER INFORMATION  
**George F. Easterday** M W D **040**

L. Franklin Easterday, Inc.  
 9265 Brown Church Rd., MT. Airy, Md. 21771

5/14/97



**Carrs Mill Rd**

11 NEAR WHAT ROAD 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

**50** DISTANCE FROM ROAD ENTER FT OR MI 38 39

TAX MAP: \_\_\_\_\_ BLK: \_\_\_\_\_ PARCEL: \_\_\_\_\_

B 2 WELL INFORMATION **5**

APPROX. PUMPING RATE (GAL. PER MIN.) **500**

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) **500**

USE FOR WATER (CIRCLE APPROPRIATE BOX)

HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)

FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)

INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)

PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE APPROVAL)

TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

**Howard Co** COUNTY NAME **A57630** COUNTY NO.

STATE SIGNATURE \_\_\_\_\_ INSERT S. → 41

DATE ISSUED **06/06/97** **A McMiller** **6/6/98**

43 MM DD YY 48 CO SIGNATURE EXP. DATE

NORTH GRID **536 000** EAST GRID **8-788 000**

APPROXIMATE DEPTH OF WELL **300** FEET

APPROXIMATE DIAMETER OF WELL **6** INCH NEAREST

METHOD OF DRILLING (circle one)

BORED (or Augered)  JETTED  Jetted & DRIVEN

AIR-ROTary  AIR-PERCussion  ROTARY (Hydraulic Rotary)

CABLE  REVERSE-ROTary  DRIVE-POINT

other \_\_\_\_\_

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

- wells**
- 
- 

WRITE THE BOX NUMBER FROM THE MAP HERE

E **780 788**

N **530 536**

000  
000

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

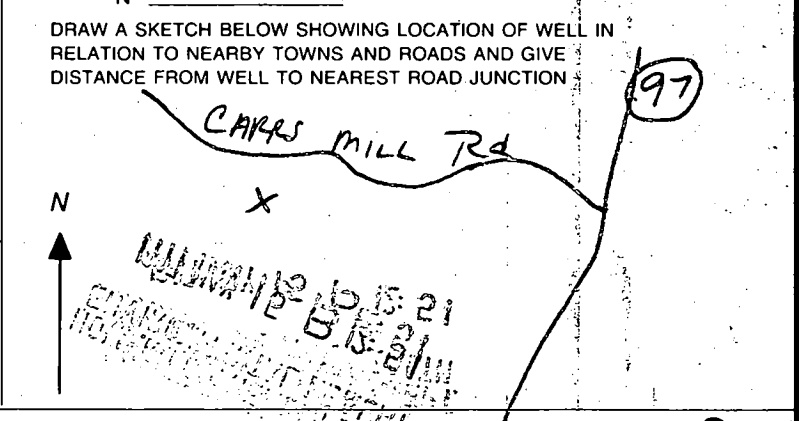
THIS WELL WILL NOT REPLACE AN EXISTING WELL

THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED

THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS

THIS WELL WILL DEEPEM AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 \_\_\_\_\_ 52



Not to be filled in by driller (MDE OR COUNTY USE ONLY)

APPROX. PERMIT NUMBER **54** G A P **63**

WRITE INITIALS IN BOX **AM** PERMIT No. **HO-94-1192**

67 68 70 71 72 73 74 75 76 77 78 79

12/3/97  
p.m.

HOWARD COUNTY HEALTH DEPARTMENT  
Bureau of Environmental Health  
3525-H Ellicott Mills Drive  
Ellicott City, MD 21043  
461-9933

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

-----

New Installation \_\_\_\_\_ Receipt # \_\_\_\_\_  
 Replacement \_\_\_\_\_ Date \_\_\_\_\_

Name of Installer Willoughby Plumbing Telephone \_\_\_\_\_

License Number \_\_\_\_\_  
 Certified Well Pump Installer \_\_\_\_\_ Well Driller \_\_\_\_\_ Registered Plumber \_\_\_\_\_

Name of Property Owner R. H. Development Telephone \_\_\_\_\_  
 Subdivision Ridge View Tract Lot # PP'B Well Tag # \_\_\_\_\_  
 Site Address 1515 Carrs Mill Rd.

-----

<b>Pump</b>	<b>Motor</b>	<b>Pitless Adapter</b>
1. Type	1. Horsepower _____	1. Make _____
a. Deep well jet _____	2. RPM _____	2. Model # _____
b. Shallow well jet _____	3. Voltage _____	3. Depth _____
c. Submersible _____	a. 110 _____	
2. Make _____	b. 220 _____	
3. Model # _____		
4. Capacity _____ GPM		
5. Pump exceeds well capacity Yes _____ No _____		
6. If Yes, is low pressure cutoff switch installed? Yes _____ No _____		
7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors _____ Cable guards _____ Other _____		

<b>Tank</b>	<b>Piping</b>	<b>Well data</b>
1. Capacity _____	1. Type _____	1. Depth _____ ft.
2. Pressure relief valve? _____	2. Size _____	2. Yield _____ GPM
	3. NSF and/or BOCA Code approved _____	3. Static water level _____ ft.
	4. Depth of supply line _____	4. Will water supply be disinfected by installer? _____

W/A - pitless adapter & water line OK at 4 1/2 ft  
12/2/97

I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

All information given above is true to the best of my knowledge.

Signature of Applicant: \_\_\_\_\_

Date: \_\_\_\_\_

Note: A sticker indicating approval/status of the installation will be placed on the well casing at the time of the inspection.



**HOWARD COUNTY HEALTH DEPARTMENT**

Joyce M. Boyd, M.D., County Health Officer

August 8, 1997

TO: R.H. Development, LLC  
8668 Baltimore National Pike  
Ellicott City, Maryland 21041

FROM: Amy Mc Millen, R.S.  
Water & Sewerage Program *ALM*

RE: Building Permit #B00107336  
Ridge View Hunt - Preservation Parcel "B"  
14675 Carrs Mill Road  
*15/15*

*8-26-97  
Resolved - see letter  
from Mrs. Hoenes -*

*SEE OVER ALM*

**COMMENTS**

This office has received the above referenced building permit application but cannot recommend approval at this time.

Maryland septic system regulations require that building permits not be issued until this office has established adequate septic capacity to handle the existing on-site sewage disposal and water supply requirements. Septic and well capacity for only one dwelling unit has been established at this time.

In order for this office to recommend approval of your building permit, please provide this office with documentation that the existing well and septic have been properly abandoned and that the existing house has been demolished.

If you have any questions regarding this matter, please contact me at 313-2640. Thank you for your cooperation in this matter.

*11-14-97*

*Issue resolved Mylars for sld approval approved without removal of existing house or abandonment of well/ septic - Per MR Hoenes Tenants in house will not move but he expects soon they will - he does intend to raise house at that point in time.*

AM:am  
cc:File

*ALM*

August 26, 1997

Howard County Health Dept.

I understand that if I chose to keep the existing house I will not be able to create a new lot. The septic system for lot 28 will be used for the existing house.

Sincerely

M. Homes

410-465-2371

Approved  
F-97-120

S81°23'33"E

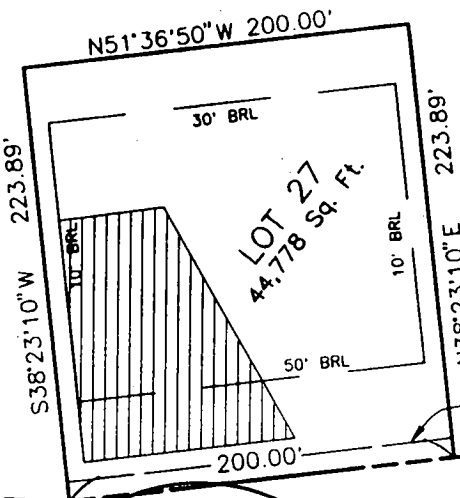
1188.00'

1.93 AC± OF LAND TO BE DEDICATED  
TO HOWARD COUNTY FOR A PUBLIC ROAD.

PRESERVATION PARCEL 'C'  
AREA 9.38 AC.  
(AGRICULTURAL LAND  
PRESERVATION EASEMENT)

MILL ROAD (SCENIC ROAD)

(LOCAL ROAD - 50' ULTIMATE R/W)



10' TREE MAINTENANCE  
EASEMENT

622.29'

RRS

616.47'

1438.76'

S51°36'50"E

1393.23'

N51°36'50"W

10' TREE MAINTENANCE  
EASEMENT

270.00'

858.23'

75' BRL

50' BRL

75' BRL

PRIVATE SEPTIC  
EASEMENT FOR  
PARCEL 'B'

LOT 28  
45,294 Sq. Ft.

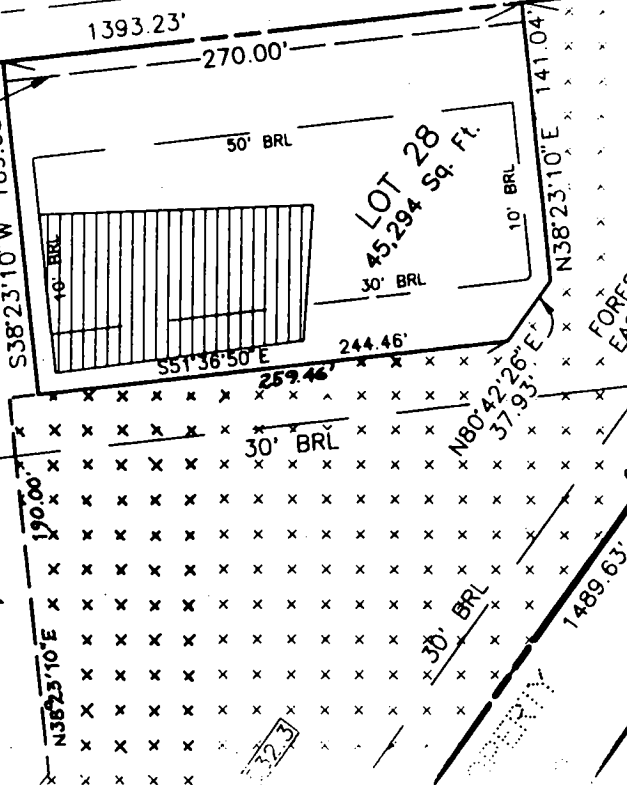
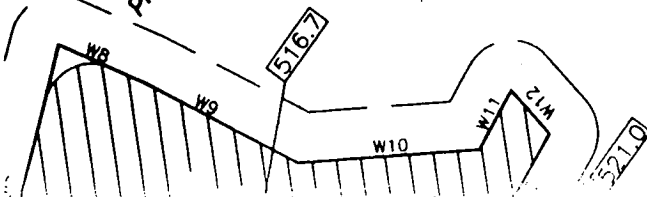
30' BRL

LIMIT OF  
100-YEAR FLOODPLAIN

30' BRL

LIMIT OF  
100-YEAR FLOODPLAIN

FOREST  
EASEMENT



259.46'

30' BRL

190.00'

N38°23'10"E

30' BRL

37.93'

N60°42'26"E

30' BRL

1489.63'

141.04'

N38°23'10"E

50' R/W

00°E

309.44'

S12°31'00"E

511.8

516.7

W10

W11

W12

521.0

516

32.3

37.93'

64