

C1 1124

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 A519569-E

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED

Depth of Well 500

9/23/05

PERMIT NO. FROM "PERMIT TO DRILL WELL"

OWNER, STREET OR RFD, SUBDIVISION, SECTION, TOWN, LOT

WELL LOG table with columns for DESCRIPTION, FEET (FROM, TO), and check if water bearing. Includes handwritten entries for Sand and Gray Mica Rock.

GROUTING RECORD section including WELL HAS BEEN GROUTED, TYPE OF GROUTING MATERIAL, and NO. OF BAGS/POUNDS.

CASING RECORD section including casing types insert code below, MAIN CASING TYPE, and Nominal diameter/Total depth.

OTHER CASING (if used) section with diameter and depth fields.

SCREEN RECORD section including screen type or open hole, insert appropriate code below, and DEPTH (nearest ft.).

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED (Y/N) and CIRCLE APPROPRIATE LETTER (A, E, P).

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION"...

DRILLERS LIC. NO. 1 M SD 024 1 and DRILLERS SIGNATURE.

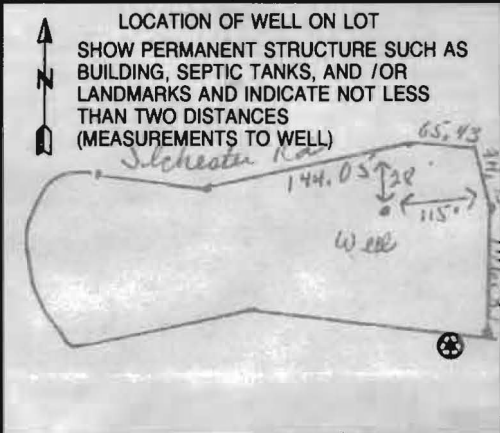
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

DEPTH (nearest ft.) section with a grid for depth measurements from 1 to 76 feet.

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) section with fields for T, W Q, LOG INDICATOR, and OTHER DATA.

PUMPING TEST section including HOURS PUMPED, PUMPING RATE, METHOD USED TO MEASURE PUMPING RATE, and TYPE OF PUMP USED.

PUMP INSTALLED section including DRILLER INSTALLED PUMP (YES/NO), TYPE OF PUMP INSTALLED PLACE, and CAPACITY.



Date Received (APA) **8/19/05**  
 8 MM DD YY 13  
**Wirthorpe Inc**  
 15 Last Name Owner First Name 34  
**13050 Wainwright Rd P.O. 279**  
 36 Street or RFD 55  
**Highland Md 20777**  
 57 Town 70 State 72 Zip 76

B 3 LOCATION OF WELL  
**Howard**  
 8 COUNTY 21  
 23 SUBDIVISION 42  
 SECTION 44 46 LOT 48 50  
**Elliot City**  
 52 NEAREST TOWN 71  
 MILES FROM TOWN (enter 0 if in town) **5** M I  
 73 76 77 78

DRILLER INFORMATION  
**Joseph E. Mayne MS D 024**  
 76 Driller's Name License No. 81  
**Joseph E. Mayne Well Drilling**  
 Firm Name  
**5512 Ridge Rd Mt. Airy Md 21771**  
 Address  
**Joseph E. Mayne 8-5-05**  
 Signature Date

B 4  
 1 2 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  
**4471 Ilchester Rd**  
 11 NEAR WHAT ROAD 30  
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
 NORTH SOUTH WEST EAST  
 34 50 37 DISTANCE FROM ROAD FT  
 ENTER FT OR MI 38 39  
 TAX MAP: **31** BLK: **4** PARCEL **418**

B 2 WELL INFORMATION  
 1 2 APPROX. PUMPING RATE **5**  
 (GAL. PER MIN.) 8 12  
 AVERAGE DAILY QUANTITY NEEDED **500**  
 (GAL. PER DAY) 14 20

USE FOR WATER (CIRCLE APPROPRIATE BOX)  
 D DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION  
 F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)  
 I INDUSTRIAL, COMMERCIAL, DEWATERING  
 P PUBLIC WATER SUPPLY WELL  
 T TEST, OBSERVATION, MONITORING  
 G GEO-THERMAL

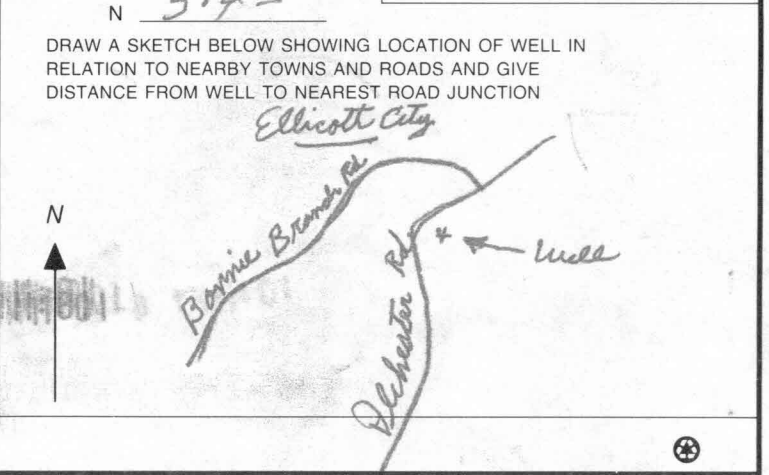
NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL  
**Howard** **AS19569-E**  
 COUNTY NAME COUNTY NO.  
 STATE SIGNATURE INSERT S → 41  
 DATE ISSUED **8/22/05** **8/22/06**  
 43 MM DD YY 48 CO SIGNATURE EXP. DATE  
 NORTH GRID **515** 0 0 0 EAST GRID **266** 0 0 0  
 50 55 57 63

APPROXIMATE DEPTH OF WELL **300** FEET  
 24 28  
 APPROXIMATE DIAMETER OF WELL **6** INCH  
 NEAREST INCH

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X  
 SOURCES OF DRILLING WATER  
 1. **Well**  
 2.  
 3.  
 WRITE THE BOX NUMBER FROM THE MAP HERE  
 E **866** 000  
 N **515** 000

METHOD OF DRILLING (circle one)  
 BORED (or Augered) JETTED Jetted & DRIVEN  
 30 AIR-ROTary AIR-PERCussion ROTARY (Hydraulic Rotary)  
 37 CABLE REVERSE-ROTary DRIVE-POINT  
 other \_\_\_\_\_

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)  
 N THIS WELL WILL NOT REPLACE AN EXISTING WELL  
 Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED  
 39  S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS  
 D THIS WELL WILL DEEPEM AN EXISTING WELL  
 PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 \_\_\_\_\_ 52

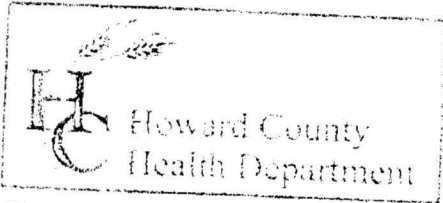


Not to be filled in by driller (MDE OR COUNTY USE ONLY)  
 APPROP. PERMIT NUMBER \_\_\_\_\_ G  
 PERMIT No. **HO - 95 - 0092**  
 70 71 72 73 74 75 76 77 78 79









URGENT!

3525 H Ellicott Mills Drive, Ellicott City, MD 21043  
 (410) 313-2640 Fax (410) 313-2648  
 TDD (410) 313-2323 Toll Free 1-866-313-6300  
 website: www.hchealth.org

Penny E. Borenstein, M.D., M.P.H., Health Officer

TO ALL INTERESTED PARTIES

Revised

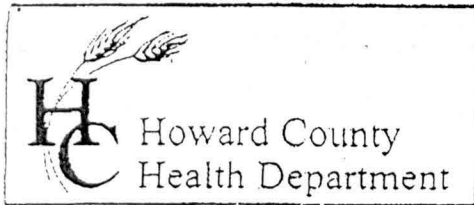
When submitting a well permit application for a proposed well for new construction, please indicate one of the following:

- The well site has been staked by FCC  
 (professional land surveyor or company employing professional land surveyors)  
 on 8/17/05 (date) and does not require a site inspection.
- The well driller, builder or property owner will call the Health Department to schedule a time to meet in the field to verify the proposed well site location.

This sheet, along with two copies of an acceptable well site plan, must be attached to the green well permit application.

Revised 6/10/03

4471 Ilchester Road Joe Mayre  
 has submitted the well permit it is  
 in your office. SL cannot do the  
 Staking of the well so FCC will perform  
 this task.  
 Any questions: call Cindy DelZoppo  
 443-250-6395



3525 H Ellicott Mills Drive, Ellicott City, MD 21043  
(410) 313-2640 Fax (410) 313-2648  
TDD (410) 313-2323 Toll Free 1-866-313-6300  
website: www.hchealth.org

Penny E. Borenstein, M.D., M.P.H., Health Officer

### TO ALL INTERESTED PARTIES

When submitting a well permit application for a proposed well for new construction, please indicate one of the following:

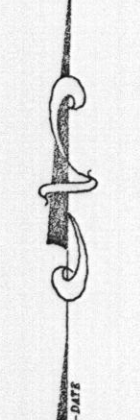
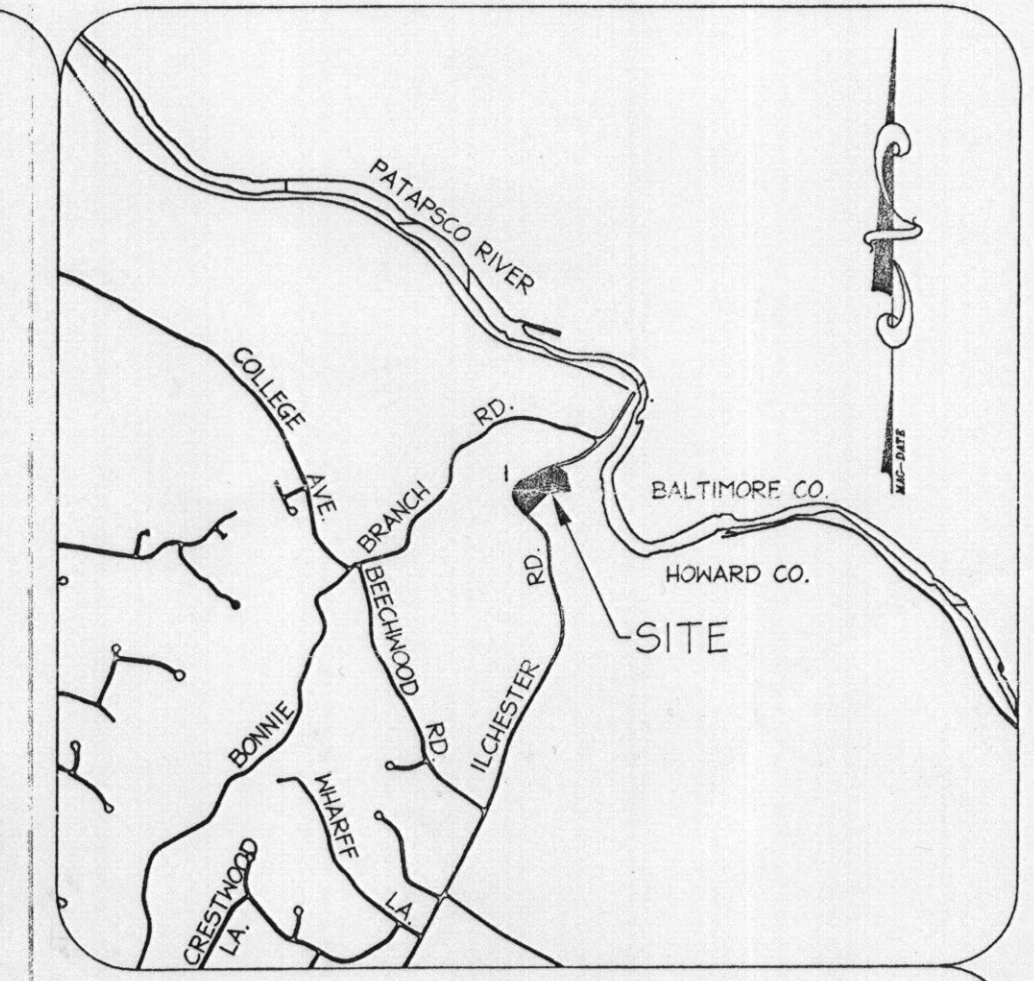
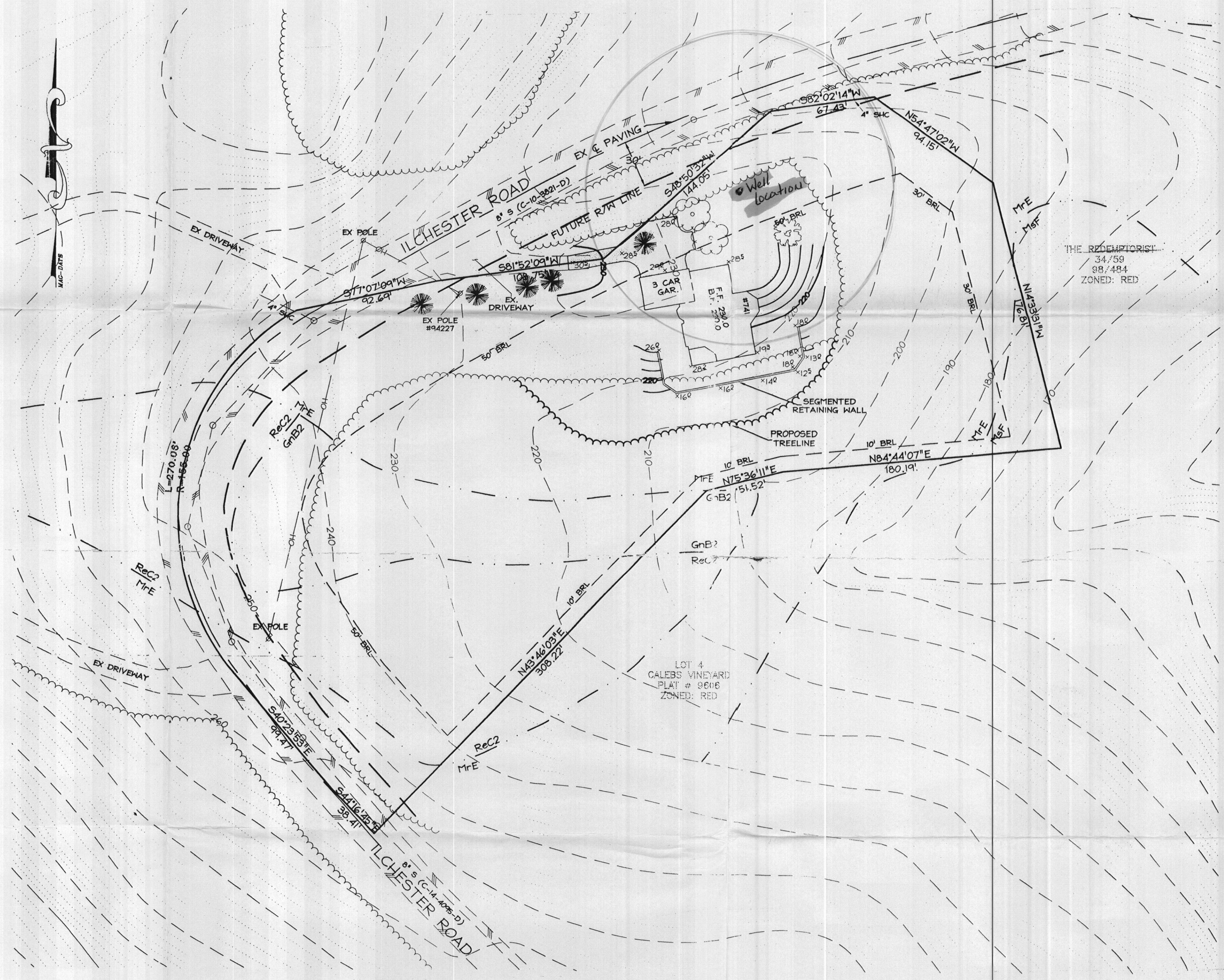
- The well site has been staked by S. Hansberger + Lane,  
(professional land surveyor or company employing professional land surveyors)  
on 8-9-05 (date) and does not require a site inspection.
- The well driller, builder or property owner will call the Health Department to schedule a time to meet in the field to verify the proposed well site location.

This sheet, along with two copies of an acceptable well site plan, must be attached to the green well permit application.

Revised 6/10/03

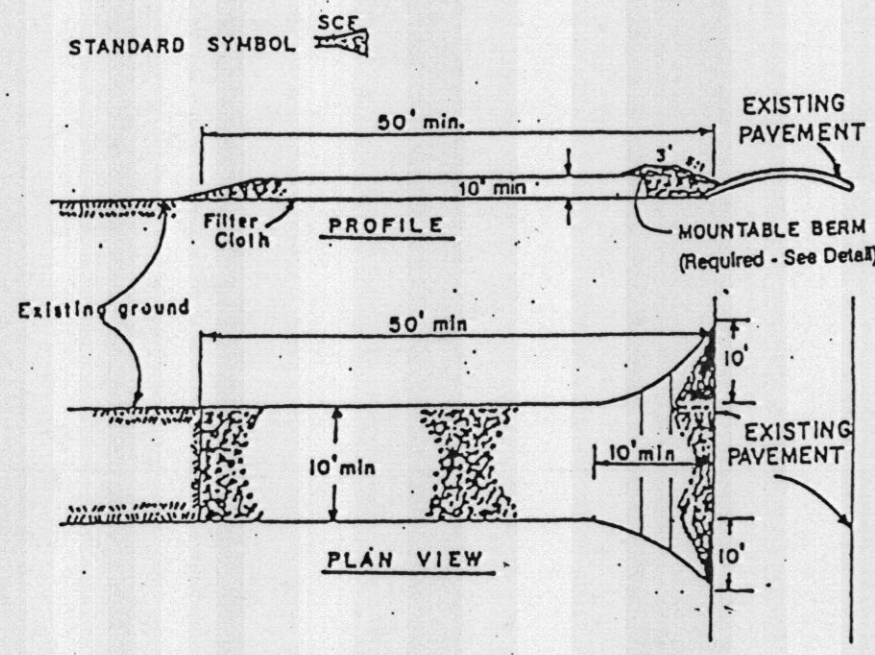
4471 Elcheater Rd

8/22/05 Public Sewer  
well location OK (ED)



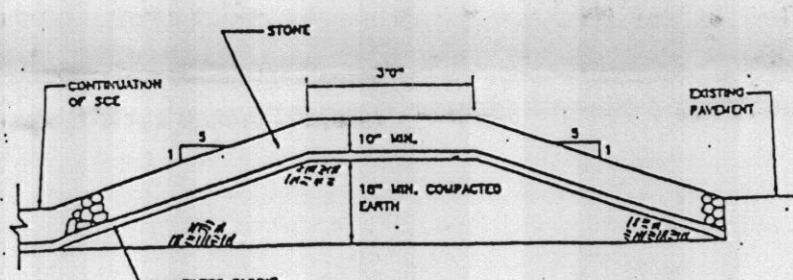
DESIGNED	# 4471 ILCHESTER ROAD  Tax Map No. 31 - Grid No. 4 - Parcel 418 5th Election District - Howard County, Maryland Previous Submittals:  OWNERS: COW LOT, LLC 4655 ILCHESTER RD. ELLICOTT CITY, MD 21043	SCALE
DRAWN		1" = 40'
CHECKED		DRAWING
DATE		1 OF 1
		JOB NO.
	04-050	
	FILE NO.	

**HEAVY DUTY STABILIZED CONSTRUCTION ENTRANCE**  
not to scale

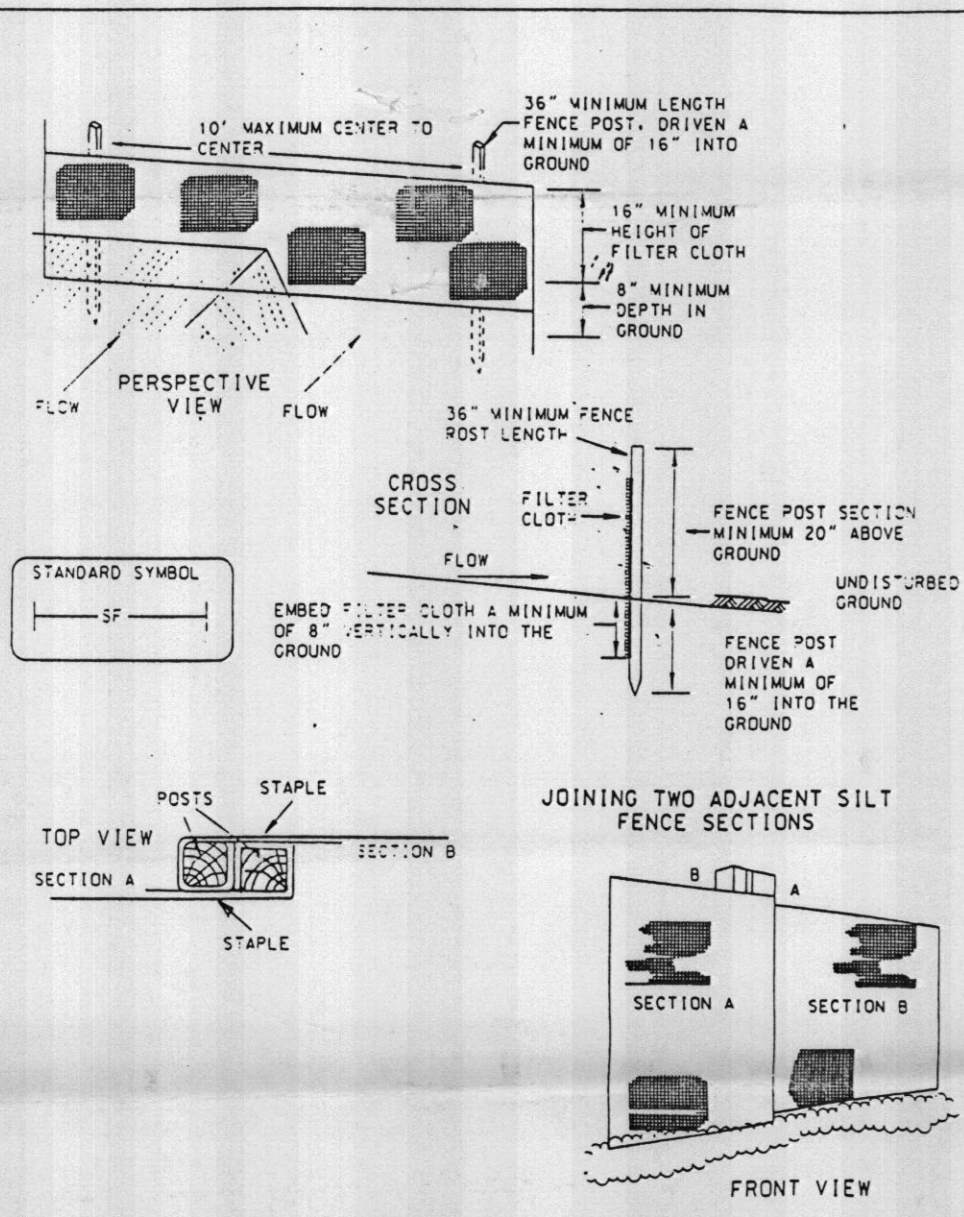


**CONSTRUCTION SPECIFICATIONS**

1. Stone Size - Use 2" stone, or reclaimed or recycled concrete equivalent.
2. Length - As required, but not less than 30 feet (except on a single residence lot where a 20 foot minimum length would apply).
3. Thickness - Not less than 10" (10 inches).
4. Width - Ten (10) foot minimum, but not less than the full width at points where ingress or egress occurs.
5. Filter Cloth - Will be placed over the entire area prior to placing of stone. Filter cloth will not be required on a single family residence lot.
6. Surface Water - All surface water flowing or diverted toward construction entrances shall be piped across the entrance. If piping is impractical, a mountable berm with 5:1 slopes will be permitted.
7. Maintenance - The entrance shall be maintained in a condition which will prevent tracking or flowing of sediment onto public rights-of-way. This may require periodic top dressing with additional stone as conditions demand and repair and/or cleanout of any measure used to trap sediment. All sediment spilled, dropped, washed or tracked onto public rights-of-way must be removed immediately.
8. Washing - Wheels shall be cleaned to remove sediment prior to entrance onto public rights-of-way. When washing is required, it shall be done on an area stabilized with stone and which drains into an approved sediment trapping device.
9. Periodic inspection and needed maintenance shall be provided after each rain.



**DETAIL 22 - SILT FENCE**



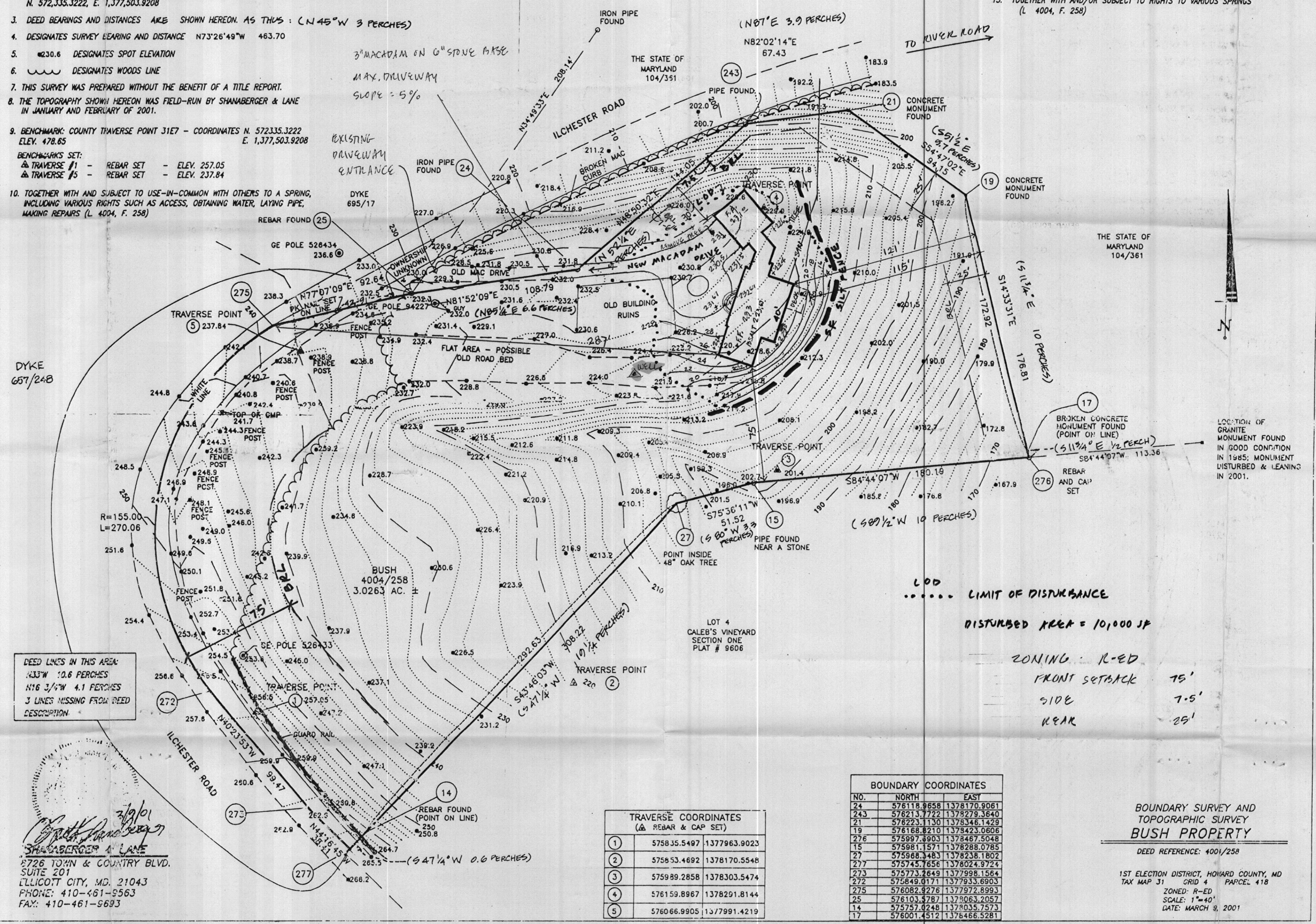
U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE PAGE 8-18-3 MARYLAND DEPARTMENT OF ENVIRONMENTAL WATER MANAGEMENT ADMINISTRATION

**NOTES:**

1. BASIS FOR BEARINGS SHOWN ON THIS PLAN: BEARING BETWEEN HOWARD COUNTY TRAVERSE POINT NUMBER 31E6 AND HOWARD COUNTY TRAVERSE POINT NUMBER 31E7 - N28°26'48"E (MARYLAND HD 83)
2. BASIS FOR COORDINATES USED IN THIS SURVEY: HOWARD COUNTY TRAVERSE POINT NUMBER 31E7 N. 572,335.3222, E. 1,377,503.9208
3. DEED BEARINGS AND DISTANCES ARE SHOWN HEREON AS THIS: (N 45° W 3 PERCHES)
4. DESIGNATES SURVEY BEARING AND DISTANCE N73°26'49"W 463.70
5. #230.6 DESIGNATES SPOT ELEVATION
6. W DESIGNATES WOODS LINE
7. THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF A TITLE REPORT.
8. THE TOPOGRAPHY SHOWN HEREON WAS FIELD-RUN BY SHAWBERGER & LANE IN JANUARY AND FEBRUARY OF 2001.
9. BENCHMARK: COUNTY TRAVERSE POINT 31E7 - COORDINATES N. 572,335.3222 ELEV. 478.65  
BENCHMARK SET:  
# TRAVERSE #1 - REBAR SET - ELEV. 257.05  
# TRAVERSE #5 - REBAR SET - ELEV. 237.84
10. TOGETHER WITH AND SUBJECT TO USE-IN-COMMON WITH OTHERS TO A SPRING, INCLUDING VARIOUS RIGHTS SUCH AS ACCESS, OBTAINING WATER, LAYING PIPE, MAKING REPAIRS (L. 4004, F. 258)

**NOTES CONTINUED:**

11. TOGETHER WITH RIGHT, USE & BENEFIT OF A FOOT PATH (L. 4004, F. 258)
12. TOGETHER WITH & SUBJECT TO USE-IN-COMMON OF A "20-FOOT ROAD" BELIEVED TO BE ALONG THE N81°52'09"E 108.79-FOOT PROPERTY LINE (L. 4004, F. 258)
13. TOGETHER WITH AND/OR SUBJECT TO RIGHTS TO VARIOUS SPRINGS (L. 4004, F. 258)



**BOUNDARY COORDINATES**

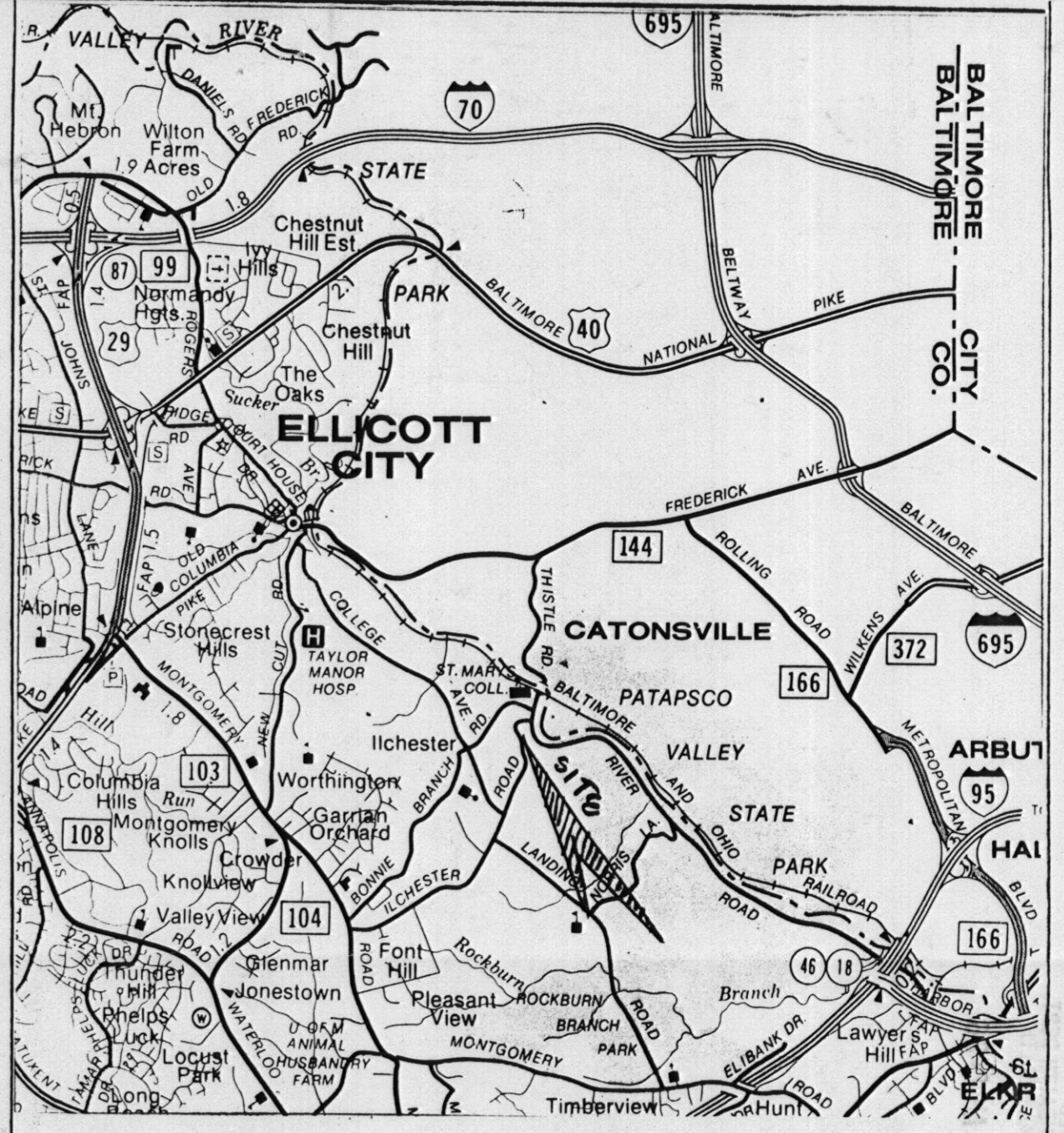
NO.	NORTH	EAST
24	576118.8658	1378170.9061
243	576213.7722	1378279.3640
21	576223.1130	1378346.1429
19	576168.8210	1378423.0806
276	575997.8903	1378467.5048
25	575981.1571	1378288.0785
27	575968.1483	1378238.1802
277	575745.7656	1378024.9724
273	575773.8649	1377998.1564
272	576489.0171	1377933.6903
275	576082.8276	1377972.8993
25	576103.3787	1378063.2057
14	575797.0748	1377035.2513
17	576001.3512	1376486.5281

**TRAVERSE COORDINATES**  
(# REBAR & CAP SET)

	NORTH	EAST
1	575835.5497	1377963.9023
2	575853.4692	1378170.5548
3	575989.2858	1378303.5474
4	576159.8967	1378291.8144
5	576066.9905	1377991.4219

**BOUNDARY SURVEY AND TOPOGRAPHIC SURVEY BUSH PROPERTY**

DEED REFERENCE: 4001/258  
1ST ELECTION DISTRICT, HOWARD COUNTY, MD  
TAX MAP 31 GRID 4 PARCEL 418  
ZONED: R-ED  
SCALE: 1"=40'  
DATE: MARCH 8, 2001



**LOCATION MAP**  
SCALE: 1"=1 MILE

LOCATION OF GRANITE MONUMENT FOUND IN GOOD CONDITION IN 1985; MONUMENT DISTURBED & LEANING IN 2001.

LOD  
..... LIMIT OF DISTURBANCE  
DISTURBED AREA = 10,000 SF  
ZONING: R-ED  
FRONT SETBACK 75'  
SIDE 7.5'  
REAR 25'

**PROPERTY OWNERS:**  
LEN & DONNA BUSH  
4806 BENSON AVE  
BALTIMORE, MD 21227  
(410) 247-9970

**S I T E P L A N**

SCALE: 1"=40'

WELL LOCATION TO BE DETERMINED

**ARCHITECTURAL DRAWINGS**

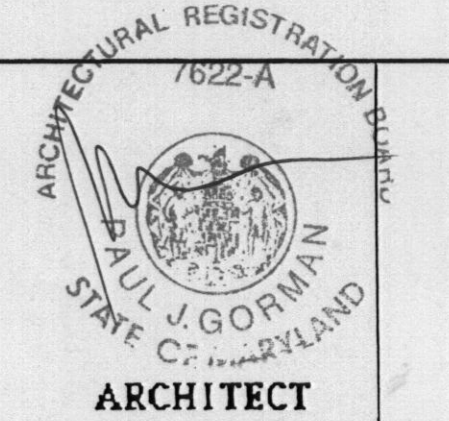
SCALE: 1"=40'  
DATE: 12-18-01

**REVISIONS**

214 WASHINGTON AVENUE  
TOWSON, MARYLAND 21204  
OFC: 410-832-7668  
FAX: 410-832-7668

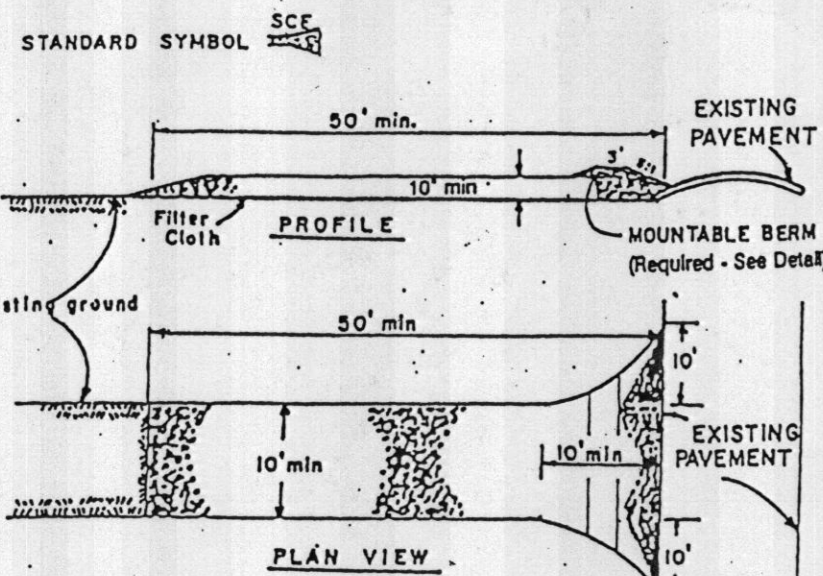
**PAUL J. GORMAN, ARCHITECT**  
MEMBER OF THE AMERICAN INSTITUTE OF ARCHITECTS

**LEN & DONNA BUSH HOUSE**  
4471 ILCHESTER ROAD  
ELLICOTT CITY, MARYLAND



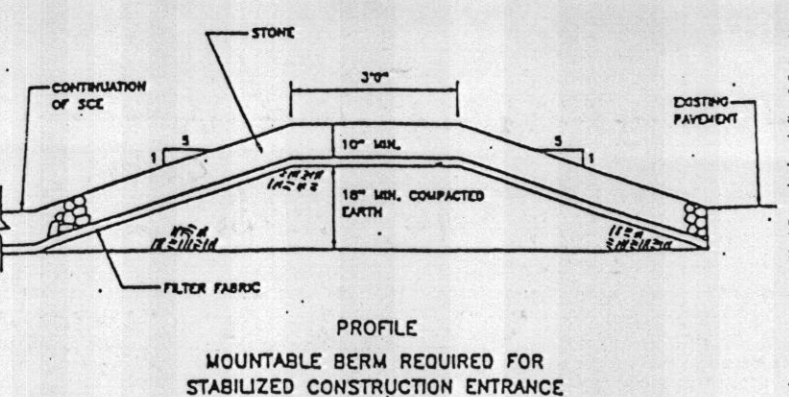
**A-1**

**HEAVY DUTY STABILIZED CONSTRUCTION ENTRANCE**  
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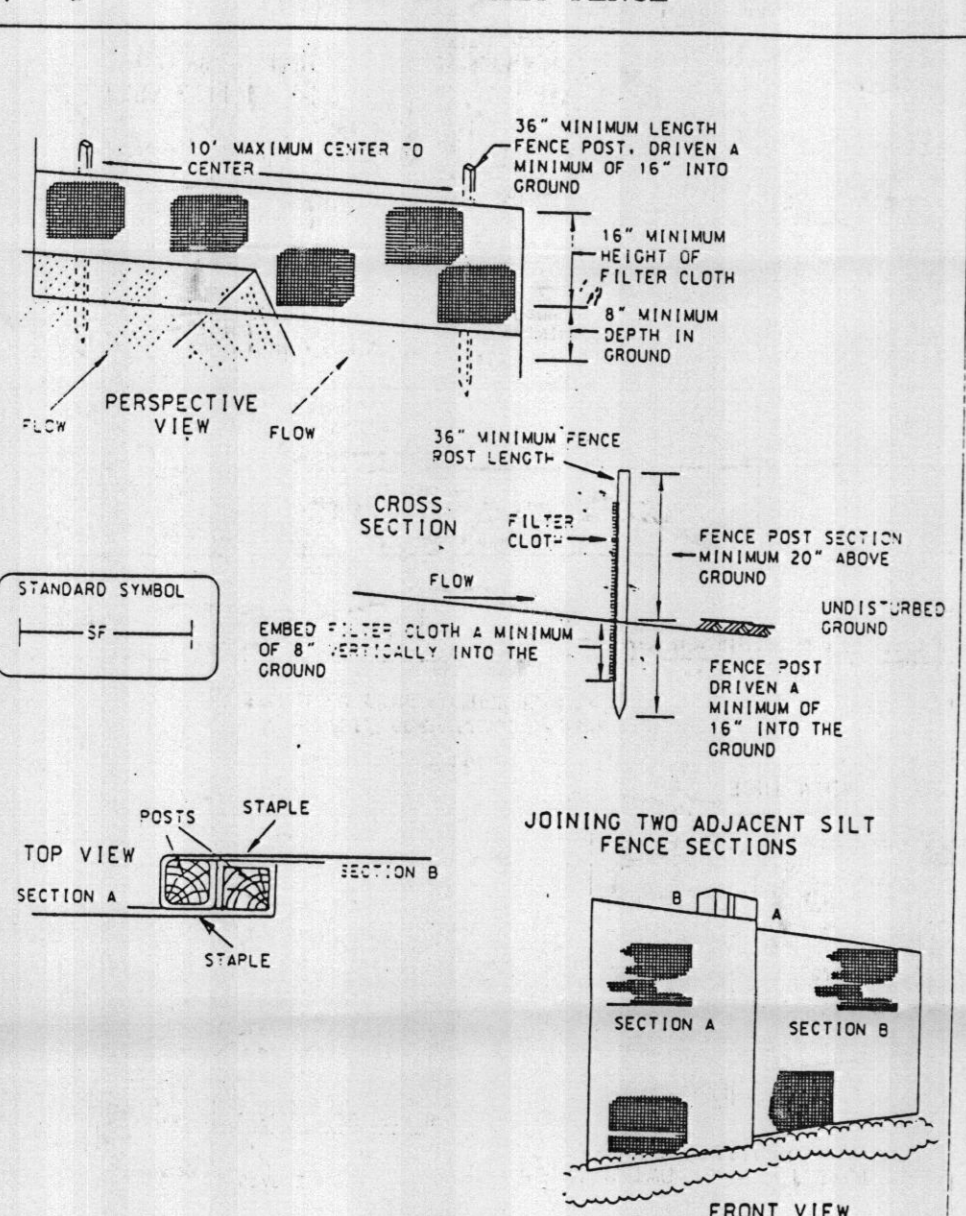


**CONSTRUCTION SPECIFICATIONS**

1. Stone Size - Use 2" stone, or reclaimed or recycled concrete equivalent.
2. Length - As required, but not less than 30 feet (except on a single residence lot where a 30 foot minimum length would apply).
3. Thickness - Not less than 12" (12) inches.
4. Width - Ten (10) foot minimum, but not less than the full width at points where ingress or egress occurs.
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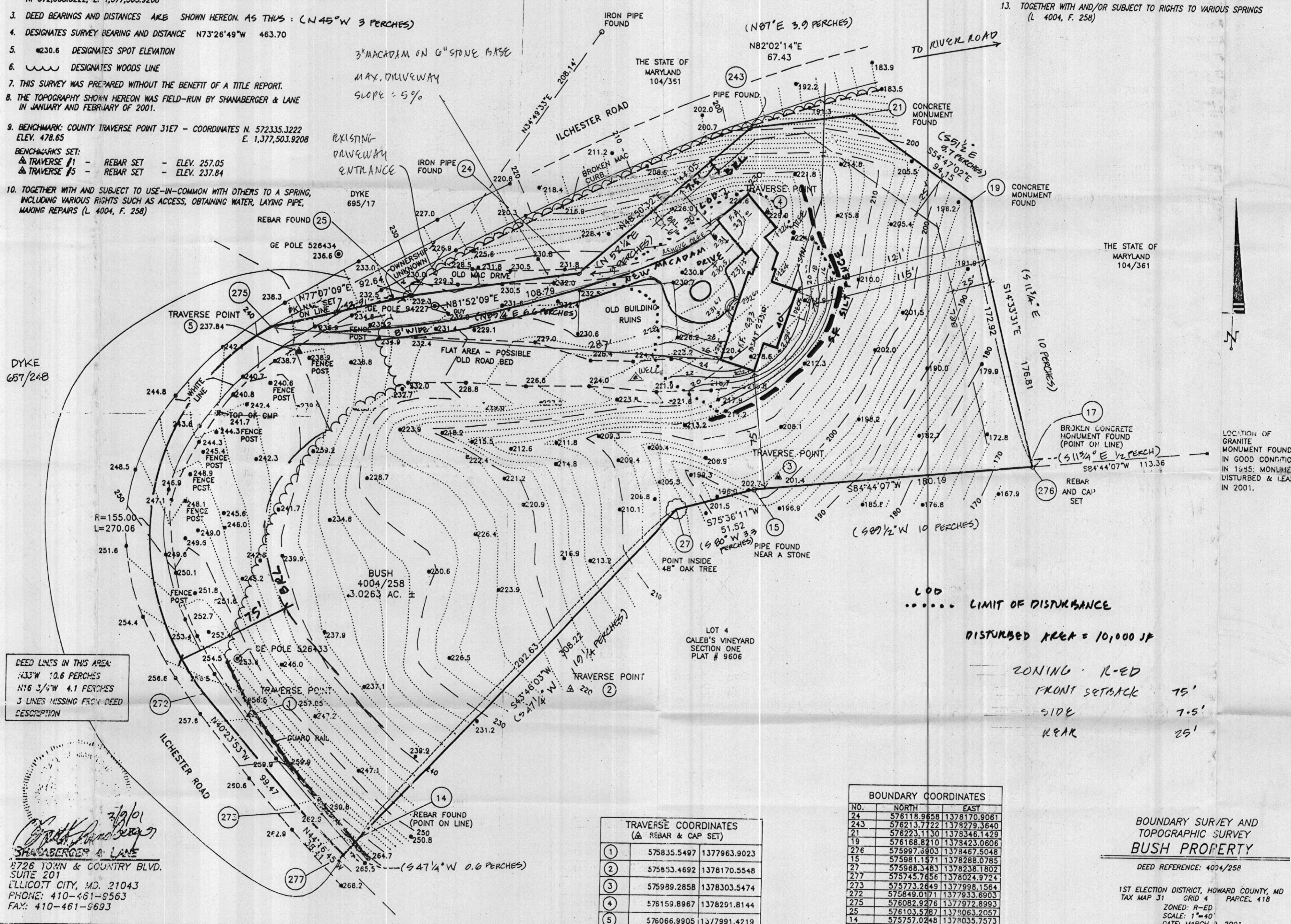
U.S. DEPARTMENT OF AGRICULTURE  
SOIL CONSERVATION SERVICE

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**NOTES CONTINUED:**

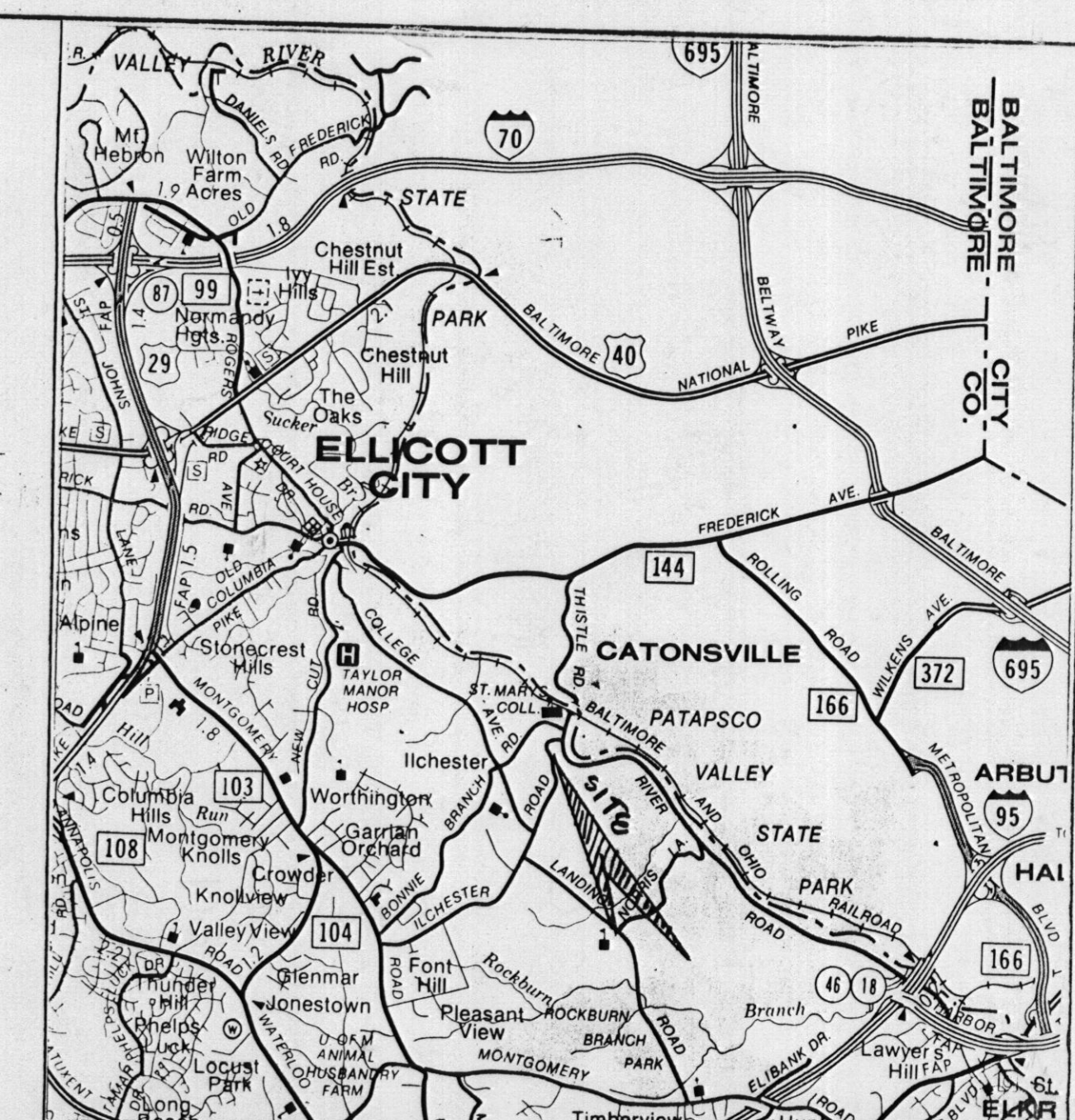
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BOUNDARY COORDINATES		
NO.	NORTH	EAST
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24.3	576213.7722	1378279.3640
21	576223.1130	1378346.1429
19	576166.8710	1378423.0606
276	575897.8903	1378467.5048
15	575981.1371	1378288.0785
27	575885.4831	1378236.1802
217	575745.7656	1378024.9724
273	575773.2649	1377998.1564
272	575849.0171	1377933.6903
275	576082.9276	1377972.8993
25	576103.3781	1377863.2057
14	575757.0248	1378035.7573
17	576001.4512	1378466.5281

TRAVERSE COORDINATES (▲ REBAR & CAP SET)	
1	575835.5497 1377963.9023
2	575853.4692 1378170.5548
3	575989.2858 1378303.5474
4	578159.8967 1378291.8144
5	576066.9905 1377991.4219

BOUNDARY SURVEY AND TOPOGRAPHIC SURVEY  
**BUSH PROPERTY**  
DEED REFERENCE: 4004/258  
1ST ELECTION DISTRICT, HOWARD COUNTY, MD  
TAX MAP 31 GRID 4 PARCEL 418  
ZONED: R-ED  
SCALE: 1"=40'  
DATE: MARCH 9, 2001



**LOCATION MAP**  
SCALE: 1"=1 MILE

REVISED  
Date: 12-16-02  
Comments: 4471 Ilchester Rd  
D00133719  
revise driveway entrance

PROPERTY OWNERS:  
LEN & DONNA BUSH  
4806 BENSON AVE  
BALTIMORE, MD 21227  
(410) 247-9970

**S I T E P L A N**  
SCALE: 1"=40'

WELL LOCATION TO BE DETERMINED

**ARCHITECTURAL DRAWINGS**

SCALE: 1"=40'  
DATE: 12-16-01

**REVISIONS**

▲ 1/23/02 RELOC. DRIVEWAY ENTRY

214 WASHINGTON AVENUE  
TOWSON, MARYLAND 21204  
OFC: 410 832-7666  
FAX: 410 832-7668

PAUL J. GORMAN, ARCHITECT  
MEMBER OF THE AMERICAN INSTITUTE OF ARCHITECTS

LEN & DONNA BUSH HOUSE  
4471 ILCHESTER ROAD  
ELLICOTT CITY, MARYLAND

ARCHITECT

A-1

PERMIT NO. B00133719 Cancelled  
6/24/03