

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 510554A 42493DISTRICT 4thDATE 7-9-98DATE SYSTEM APPROVED 7.21.98INSPECTOR [Signature]

#### HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXX~~ 410-313-2640

04-352041

Fogle's Septic Clean, Inc. IS PERMITTED TO INSTALL X ALTER       ADDRESS 580 Obrecht Rd, Sykesville, MD 21784 PHONE 410-795-5674SUBDIVISION Country Springs LOT 41 ROAD 15001 Scottswood CourtPROPERTY OWNER Catonsville Builders, Inc.ADDRESS       SEPTIC TANK CAPACITY 1250 GALLONSNUMBER OF BEDROOMS 4180 SQUARE FEET PER BEDROOMLINEAR 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 3.5 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Starting from the left front lot corner, place the distribution box 180 feet down the left lot line and 50 feet off this same lot line. Run trenches on contour in both directions. MAINTAIN 100 FEET FROM THE WELL.

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

PLANS APPROVED BY Mark Rifkin/Donna K. Soe DATE 05/12/98

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

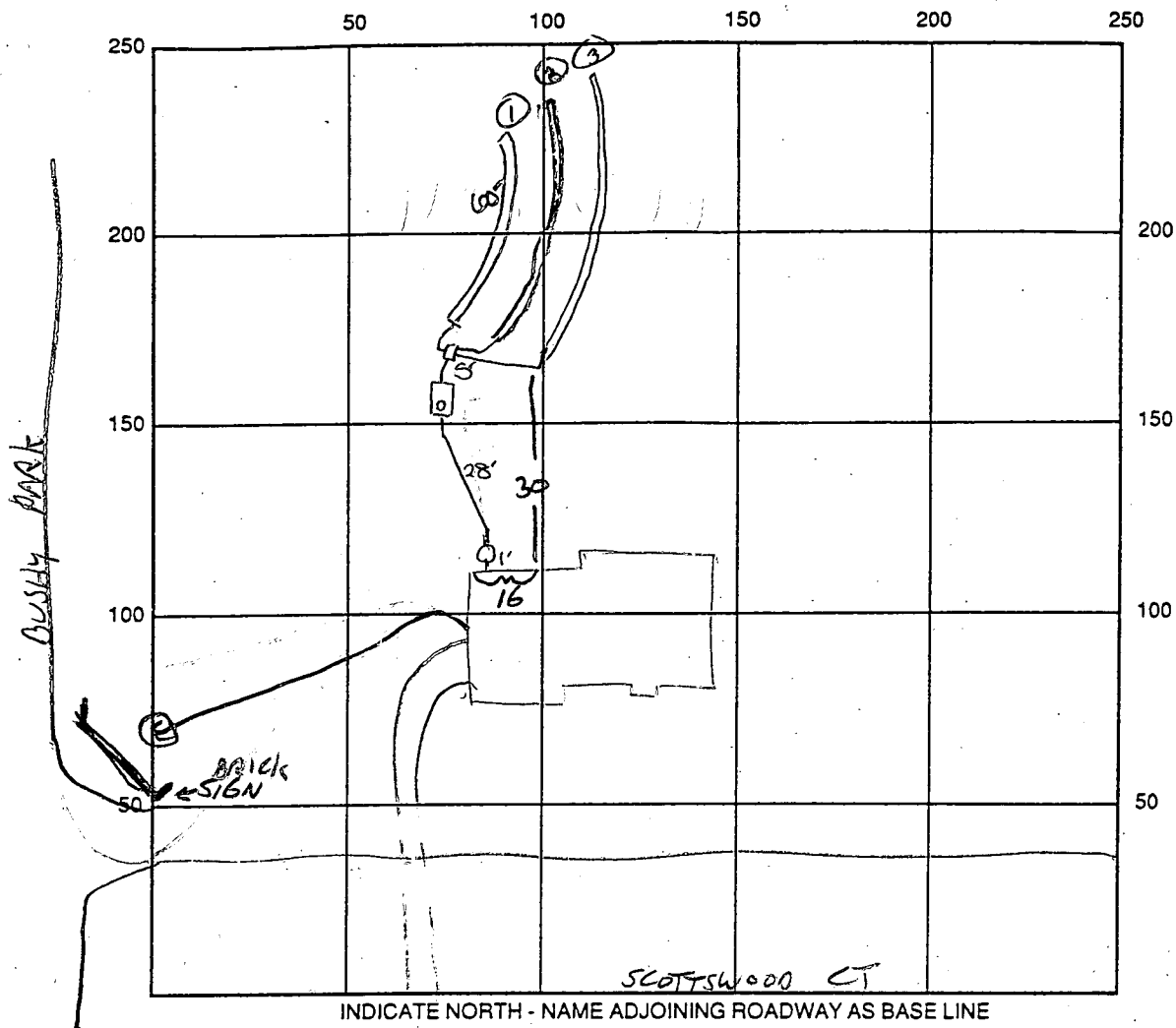
NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 35/40 PVC OR ABS

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**



SEPTIC TANK LEVEL OK- 1250 gal CLEANOUTS one at house, one on st.

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 ① 60 ② 75 ③ 85 = 220 FT.

NUMBER OF TRENCHES 3 ~~ONE SIDEWALL~~ BOTTOM AREA 660 SQ. FT.

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

ABSORBENT AREA ✓ SQ. FT.

REMARKS: 7/20/98 slight modification to dist box location  
necessary due to site conditions - OK to install 220'  
trench to best utilize septic area. OK to continue. DKS  
7-21-98 WPI OK, PLUG OPEN HOLE IN DIST. BOX, FINISH  
FINAL TRENCH & COVER. ff

DATE SYSTEM APPROVED 7-21-98

INSPECTOR [Signature]

# ENGINEER'S CERTIFICATE

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

SIGNATURE OF ENGINEER

DATE

# DEVELOPER'S CERTIFICATE

I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY.

SIGNATURE OF DEVELOPER

DATE

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

U.S. SOIL CONSERVATION DISTRICT

DATE

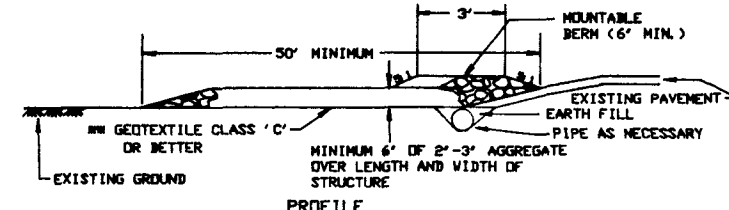
THIS DEVELOPMENT IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.

DISTRICT HOWARD SOIL CONSERVATION DIST.

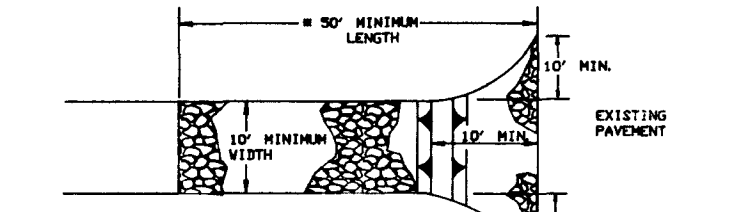
DATE

## 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 (312-1055).
- ALL VEGETATIVE AND STRUCTURAL PRACTICES ARE TO BE INSTALLED ACCORDING TO THE PROVISIONS OF THIS PLAN AND ARE TO BE IN CONFORMANCE WITH THE MOST CURRENT MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL AND REVISIONS THEREOF.
- FOLLOWING INITIAL SOIL DISTURBANCE OR RE-DISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: a) 7 CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, Dikes, PERIMETER SLOPES AND ALL SLOPES STEEPER 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 12, OF THE HOWARD COUNTY DESIGN MANUAL, STORM DRAINAGE.
- ALL DISTURBED AREAS MUST BE STABILIZED WITHIN THE TIME PERIOD SPECIFIED ABOVE IN ACCORDANCE WITH THE 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL, FOR PERMANENT SEEDING (SEC. 51), 500 (SEC. 54), TEMPORARY SEEDING (SEC. 50), AND MULCHING (SEC. 52). TEMPORARY STABILIZATION WITH MULCH ALONE CAN ONLY BE DONE WHEN RECOMMENDED SEEDING DATES DO NOT ALLOW FOR PROPER GERMINATION AND ESTABLISHMENT OF GRASSES.
- 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 OF SITE 3.00 ACRES  
AREA TO BE ROOFED OR PAVED 0.32 ACRES  
AREA TO BE VEGETATIVELY STABILIZED 8.19 ACRES  
TOTAL FILL CUYDVS.  
OFFSITE WASTE/BORROW AREA LOCATION CUYDVS.  
a) ANY SEDIMENT CONTROL PRACTICE WHICH IS DISTURBED BY GRADING ACTIVITY FOR PLACEMENT OF UTILITIES MUST BE REPAIRED ON THE SAME DAY OF DISTURBANCE.  
b) ADDITIONAL SEDIMENT CONTROLS MUST BE PROVIDED, IF DEEMED NECESSARY BY THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.  
c) 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.  
d) 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.



PROFILE



PLAN VIEW

STANDARD SYMBOL

- Length - minimum of 30' (40' for single residence lots).
- Width - 10' minimum, should be flared at the existing road to provide a turning radius.
- Geotextile fabric (filter cloth) shall be placed over the existing ground prior to placing stone. The plan approval authority may not require single family residences to use geotextile.
- Stone - crushed aggregate (2" to 3") or reclaimed or recycled concrete equivalent shall be placed at least 6" deep over the length and width of the entrance.
- Surface Water - all surface water flowing to or diverted toward construction entrances shall be piped through the entrance, maintaining positive drainage. Pipe installed through the stabilized construction entrance shall be protected with a mountable berm with 5:1 slopes and a minimum of 6" of stone over the pipe. Pipe has to be sized according to the drainage. When the SDE is located at a high spot and has no drainage to convey a pipe will not be necessary. Pipe should be sized according to the amount of runoff to be conveyed. A 6" minimum will be required.
- Location - A stabilized construction entrance shall be located at every point where construction traffic enters or leaves a construction site. Vehicles leaving the site must travel over the entire length of the stabilized construction entrance.

STABILIZED CONSTRUCTION ENTRANCE - 2

NOT TO SCALE

FISHER, COLLINS & CARTER, INC.  
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS

CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE  
ELLICOTT CITY, MARYLAND 21042  
(410) 461-2055

F.C.C.

## SEQUENCE OF CONSTRUCTION

- OBTAIN GRADING PERMIT.
- INSTALL SEDIMENT CONTROLS AS SHOWN ON PLAN.
- PERFORM NECESSARY GRADING AND STABILIZE THE SITE.
- AFTER THE SITE IS STABILIZED AND PERMISSION IS GRANTED FROM THE SEDIMENT CONTROL INSPECTOR, REMOVE SEDIMENT CONTROLS AND STABILIZE ANY REMAINING DISTURBED AREAS.

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

## SOIL AMENDMENTS

APPLY 600 LBS. PER ACRE 10-10-10 FERTILIZER (4 LBS./1000 SQ. FT.)

## SEEDING

FOR THE PERIODS MARCH 1 THROUGH APRIL 30, AND AUGUST 15 THROUGH NOVEMBER 15, SEED WITH 1 1/2 BUSHEL PER ANNUAL RYE (3.2 LBS./1000 SQ.FT.) FOR THE PERIOD MAY 1 THRU AUGUST 14, SEED WITH 3 LBS./ACRE OF WEEPING LOVEGRASS (0.7 LBS./1000SQ.FT.). FOR THE PERIOD NOVEMBER 16 THRU 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 SOD.

## MULCHING

APPLY 1 1/2 TO 2 TONS PER ACRE (70 TO 90 LBS./1000 SQ.FT.) OF UNROTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 250 GALLONS PER ACRE (5 GAL./1000 SQ.FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS, ON SLOPES 8 FEET OR HIGHER, USE 340 GALLONS PER ACRE (6 GAL./1000 SQ.FT.) FOR ANCHORING.

REFER TO THE 1986 MARYLAND STANDARDS AND SPECIFICATION FOR SOIL EROSION AND SEDIMENT CONTROL FOR RATE AND METHODS NOT COVERED.

## PERMANENT SEEDING NOTES

ALL DISTURBED AREAS SHALL BE STABILIZED AS FOLLOWS:

## SEEDING PREPARATION

LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING.

## SOIL AMENDMENTS

APPLY TWO TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS./1000 SQ.FT.) AND 600 LBS. PER ACRE 0-20-20 FERTILIZER (4 LBS./1000 SQ.FT.) BEFORE SEEDING. HARROW OR DISC INTO UPPER THREE INCHES OF SOIL. AT TIME OF SEEDING, APPLY 400 LBS. PER ACRE 30-0-0 UREAFORM FERTILIZER (9 LBS./1000 SQ.FT.) AND 500 LBS. PER ACRE (11.5 LBS./1000 SQ.FT.) OF 10-20-20 FERTILIZER.

## SEEDING

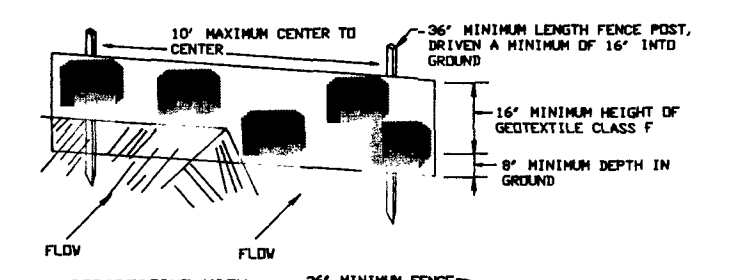
FOR THE PERIODS MARCH 1 THROUGH APRIL 30, AND AUGUST 1 THROUGH OCTOBER 15, SEED WITH 100 LBS. PER ACRE (2.3 LBS./1000 SQ.FT.) OF KENTUCKY 31 TALL FESCUE. FOR THE PERIOD MAY 1 THROUGH JULY 31, SEED WITH 60 LBS./ACRE (1.4 LBS./1000 SQ.FT.) KENTUCKY 31 TALL FESCUE AND 2 LBS. PER ACRE (0.05 LBS./1000 SQ.FT.) OF WEEPING LOVEGRASS. DURING THE PERIOD OF OCTOBER 16 THROUGH FEBRUARY 28, PROTECT SITE BY: OPTION (1) - TWO TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING, OPTION (2) - USE SOD; OPTION (3) - SEED WITH 100 LBS./ACRE KENTUCKY 31 TALL FESCUE AND MULCH WITH TWO TONS/ACRE WELL ANCHORED STRAW. ALL SLOPES SHOULD BE HYDROSEED.

## MANTENANCE

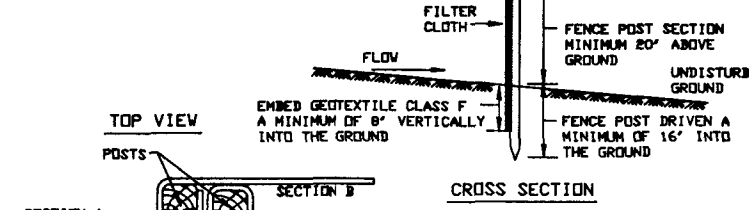
INSPECT ALL SEEDED AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDINGS.  
\* FOR PUBLIC PONDS SUBSTITUTE CHEMUNG CROWN VETCH AT 15 LBS./ACRE AND KENTUCKY 31 TALL FESCUE 40 LBS./ACRE AS THE SEEDING REQUIREMENT. OPTIMUM SEEDING DATE FOR THIS MIXTURE IS MARCH 1 TO APRIL 30.

INSPECT ALL SEEDED AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDINGS.

\* FOR PUBLIC PONDS SUBSTITUTE CHEMUNG CROWN VETCH AT 15 LBS./ACRE AND KENTUCKY 31 TALL FESCUE 40 LBS./ACRE AS THE SEEDING REQUIREMENT. OPTIMUM SEEDING DATE FOR THIS MIXTURE IS MARCH 1 TO APRIL 30.



PERSPECTIVE VIEW



CROSS SECTION

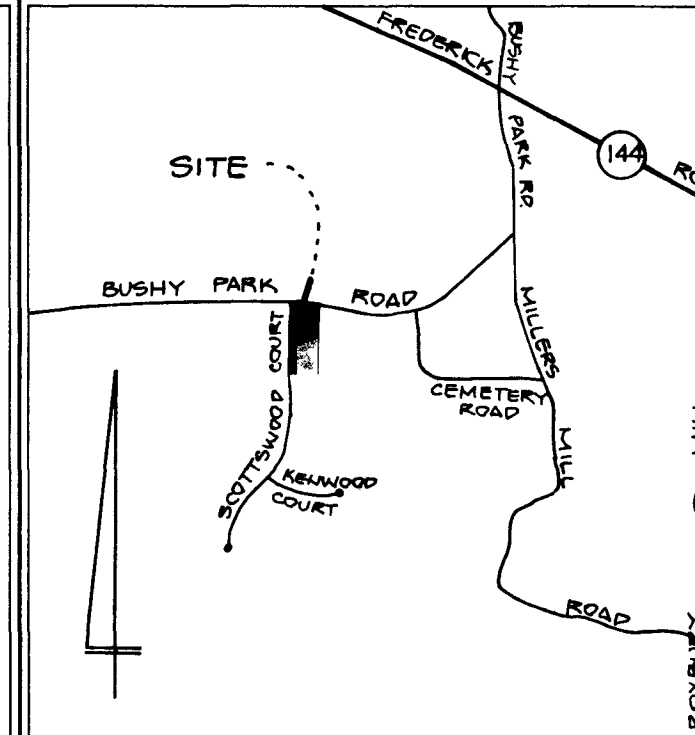
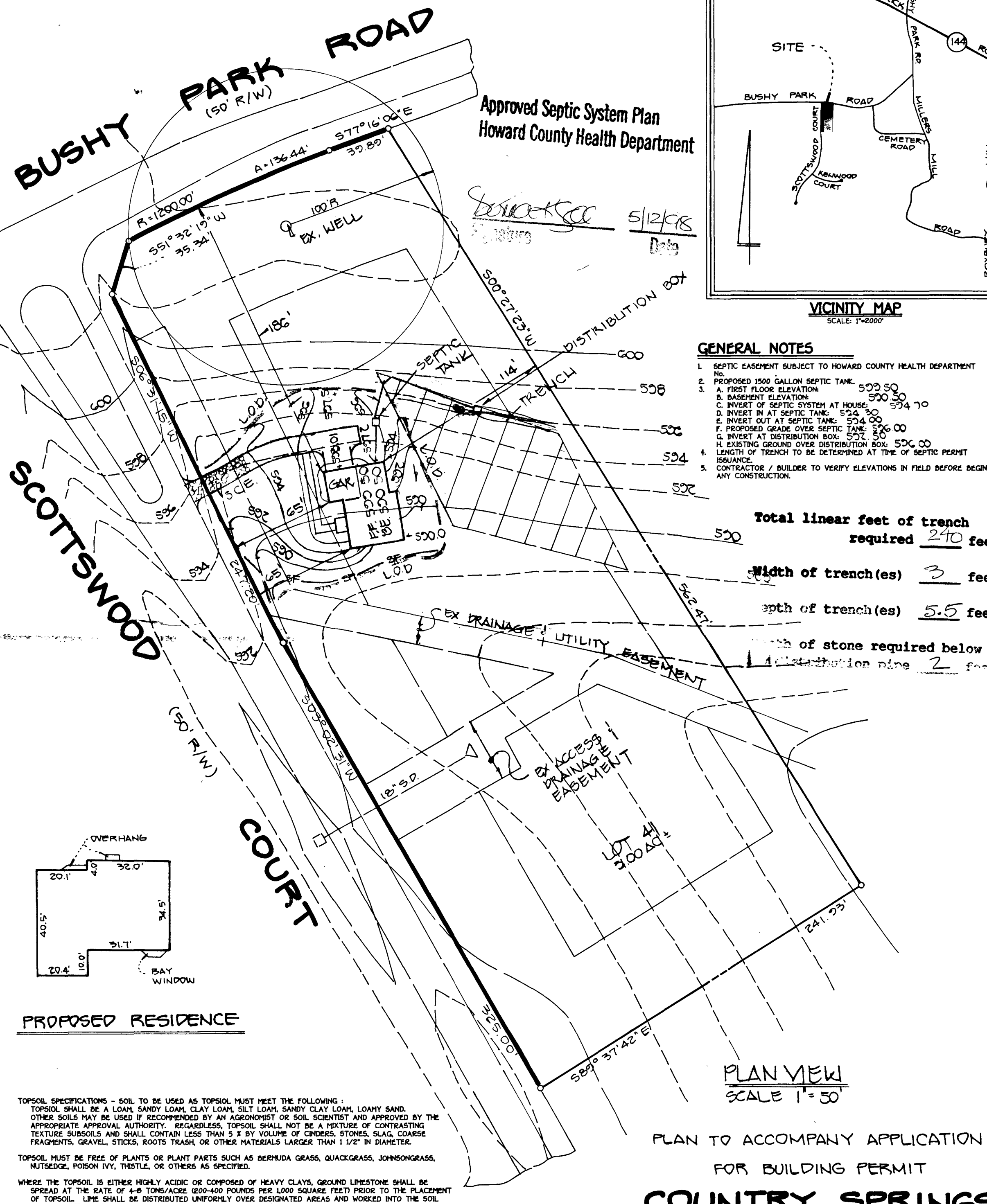
STANDARD SYMBOL

JOINING TWO ADJACENT SILT FENCE SECTIONS

- Fence posts shall be a minimum of 36" long driven 16" minimum into the ground. Wood posts shall be 1 1/2" x 1 1/2" square (minimum) cut, or 1 3/4" diameter (minimum) round and shall be of sound quality hardwood. Steel posts will be standard T or U section weighting not less than 1.00 pound per linear foot.
- 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 F:  
Tensile Strength 30 lbs/in (min.) Test: NMT 509  
Tensile Modulus 20 lbs/in (min.) Test: NMT 509  
Flow Rate 0.3 gal ft<sup>2</sup>/minute (max.) Test: NMT 382  
Filtering Efficiency 75% (min.) Test: NMT 382
- Where ends of geotextile fabric come together, they shall be overlapped, folded and stapled to prevent sediment bypass.
- Silt Fence shall be inspected after each rainfall event and maintained when bulges occur or when sediment accumulation reaches 50% of the fabric height.

## SILT FENCE

NOT TO SCALE



VICINITY MAP  
SCALE: 1"=200'

## GENERAL NOTES

- SEPTIC EASEMENT SUBJECT TO HOWARD COUNTY HEALTH DEPARTMENT
- PROPOSED 1500 GALLON SEPTIC TANK
- A. FIRST FLOOR ELEVATION: 520.50  
B. BASEMENT ELEVATION: 520.50  
C. INVERT OF SEPTIC SYSTEM AT HOUSE: 524.30  
D. INVERT IN AT SEPTIC TANK: 524.30  
E. INVERT OUT AT SEPTIC TANK: 524.00  
F. PROPOSED GRADE OVER SEPTIC TANK: 526.00  
G. INVERT AT DISTRIBUTION BOX: 524.50  
H. EXISTING GROUND OVER DISTRIBUTION BOX: 526.00  
I. LENGTH OF TRENCH TO BE DETERMINED AT TIME OF SEPTIC PERMIT ISSUANCE.  
J. CONTRACTOR / BUILDER TO VERIFY ELEVATIONS IN FIELD BEFORE BEGINNING ANY CONSTRUCTION.

Total linear feet of trench required 240 feet

Width of trench(es) 3 feet

Depth of trench(es) 5.5 feet

Amount of stone required below 14" distribution pipe 2 feet

PLAN VIEW  
SCALE 1"=50'

PLAN TO ACCOMPANY APPLICATION  
FOR BUILDING PERMIT

COUNTRY SPRINGS

LOT 41

TAX MAP: 14  
FOURTH ELECTION DIST.  
SCALE: AS SHOWN  
PARCEL: 12  
HOWARD COUNTY, MARYLAND  
DATE: APRIL, 1998

**REQUEST FOR SEPTIC PERMIT ISSUANCE**

**PROPERTY IDENTIFICATION**

**Subdivision** Counrty Springs **Lot #** 41

**Street Address** 15001 Scottswood Ct

**INSTALLER**

**Company Name** Fogle's Septic Clean, Inc. **Phone Number** 410-795-5674

**Company Street Address** 580 Obrecht Rd, Sykesville, MD 21784

=====

**Date of septic permit request:** 7-7-98

**Date of septic permit issuance:** 7/9/98

**Receipt #** P510554

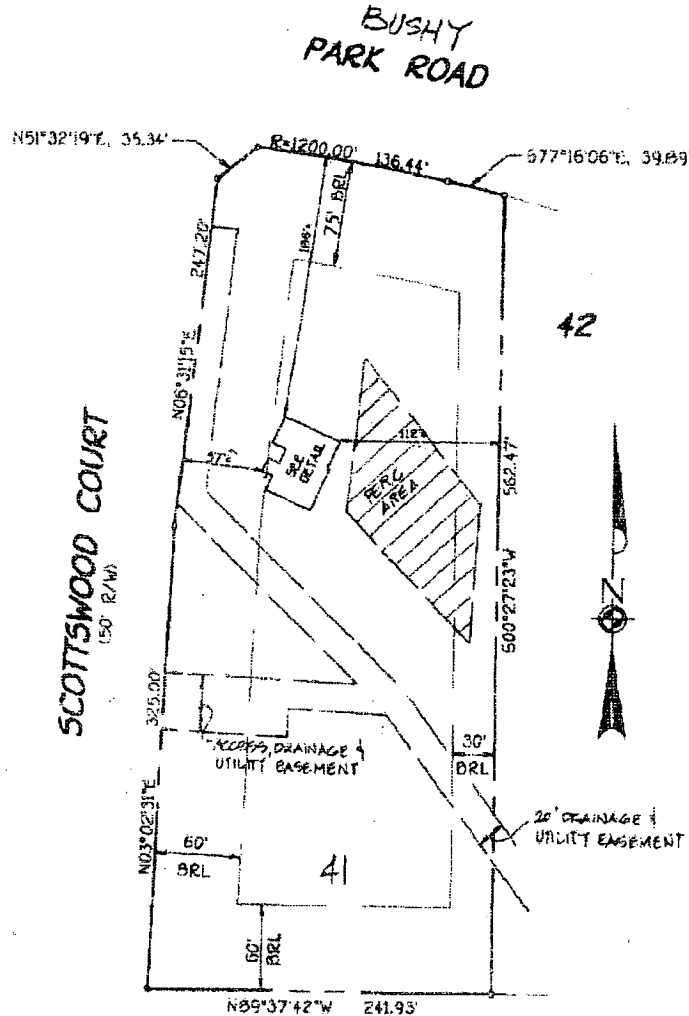
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**Date copy of certified location drawing (wall check) received:** 7/9/98

**reviewed:** 7/9/98

**GENERAL NOTES:**

- 1) THIS PLAT IS PREPARED FOR THE BENEFIT OF THE CLIENT SIGNING THE HOUSE LOCATION SURVEY APPROVAL FORM INsofar AS IT IS REQUIRED BY A LENDER OR TITLE INSURANCE COMPANY OR ITS AGENTS IN CONNECTION WITH THE CONTEMPLATED TRANSFER, FINANCING OR RE-FINANCING. UNLESS INDICATED AS BEING A BOUNDARY SURVEY, THIS PLAT IS NOT INTENDED FOR USE IN THE ESTABLISHMENT OF PROPERTY LINES AND IS NOT TO BE RELIED UPON FOR THE ESTABLISHMENT OR LOCATION OF FENCES, GARAGES, BUILDINGS OR OTHER EXISTING OR FUTURE IMPROVEMENTS. AS A RESULT, THIS PLAT DOES NOT PROVIDE FOR ACCURATE IDENTIFICATION OF PROPERTY LINE, BUT SUCH IDENTIFICATION MAY NOT BE REQUIRED FOR THE TRANSFER OF TITLE OR SECURING FINANCING OR RE-FINANCING.
- 2) SUBJECT PROPERTY IS SHOWN IN ZONE C ON THE NATIONAL FLOOD INSURANCE PROGRAM FLOOD INSURANCE RATE MAP OF HOWARD COUNTY, MARYLAND, COMMUNITY PANEL No. 2400A1000B B, EFFECTIVE DATE: DEC. 1, 1986.
- 3) THE OFFSETS FROM BUILDING LINE TO PROPERTY LINE AS SHOWN ON THE PLAT HEREON ARE TO AN ACCURACY OF 1' PLUS OR MINUS (1).

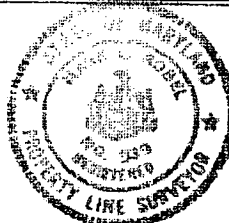


BRL = BUILDING RESTRICTION LINE  
TOP FOUNDATION ELEV. = 607.0'

LOT 41  
COUNTRY SPRINGS  
LOTS 1-42  
4TH ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND  
PLAT REF: \*964B

**FISHER, COLLINS & CARTER, INC.**  
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
CENTENNIAL SQUARE OFFICE PARK • 10672 BALLYMORE NATIONAL PIKE  
BELLGATE CITY, MARYLAND 21042  
(410) 410-2858

G:\DWG\6123\LOT 41 PL.DWG



*Paul J. Fisher*  
PROFESSIONAL LAND SURVEYOR DATE  
REG. # 339

**HOUSE LOCATION DRAWING**

FOUNDATION LOCATION: 6/9/98  
FINAL LOCATION:  
BOUNDARY SURVEY:

SCALE: 1"=100'  
DATE: 6/10/98  
DRAWN BY: J.A.U.  
CHECKED BY: M.L.R.  
PROJECT No.: 61231

# APPLICATION

PERCOLATION TESTING

A 43005

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 461-9933

DISTRICT 4

DATE 11-14-88

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

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

PROPERTY OWNER Rippeon

ADDRESS P.O. Box 122, Ellicott City

PROSPECTIVE BUYER Carman Associates

ADDRESS Box 122, Ellicott City 854-6219

PROPERTY LOCATION:

SUBDIVISION Country Springs LOT NO. 43 41  
42

ROAD AND DESCRIPTION Bushy Park Road (15001 Scottswood Court)

TAX MAP 14 PARCEL # 12

SIZE OF LOT 3.0+ acres

**SEWER PERMIT SIGNED**

**AND RETURNED 5-12-98**

*Serial # D10 111453*

TYPE BLDG. SFD - 4 Bdrm  
(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.

(SIGNATURE OF APPLICANT)

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

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING 11/15/88 Per Satisfactory - Hold for PERC. Same

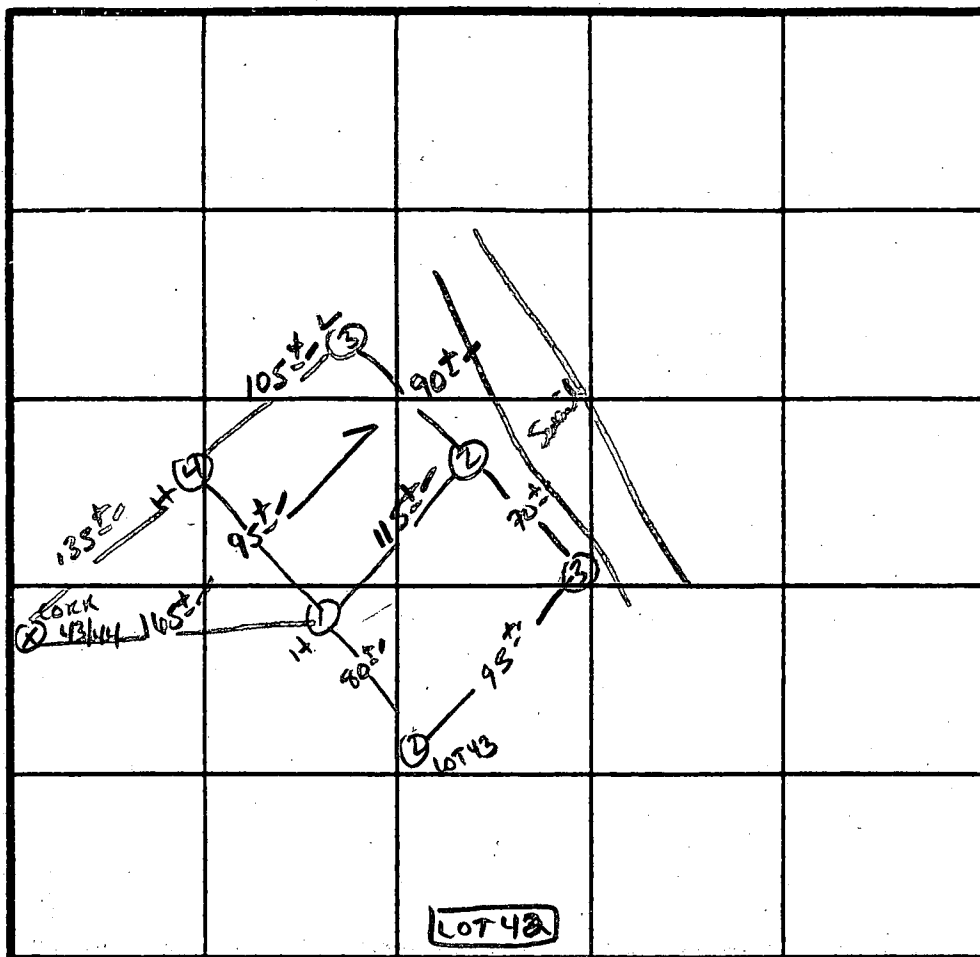
HD-216

# THIS IS NOT A PERMIT

A43005  
Country Springs  
Final Lot 41

SOIL PROFILE

0'	AP
5'	Yellow Br Silty Clay Loam 10-15% Frnp
4'	Yellow Br w/Pink clasts Silt loam 10-15% Frnp
12.5'	



2 PERC 6 MIN  
180 P/BK  
INLET 3.5  
BOTTOM 5.5

TEST RESULTS

MAY 86

FIXED UP WITH  
ADJACENT LOT 42.

Bushy Park Rd.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11/15/88	1 S	4'	1:54	1:56	1:56	1:59	3 MIN
	1 M	8'	1:54	1:56	1:56	1:59	3 MIN
	1 V	12.5'	As Profiled				
	2 S	5'	2:05	2:05	2:05	2:18	13 MIN
	2 V	12.5'	Similar to Profile	Similar to Profile	Similar to Profile	Similar to Profile	
	3 S	4.5'	2:03	2:06	2:06	2:14	8 MIN
	3 V	12.5'	Similar to Profile	Similar to Profile			
	4 S	4'	2:00	2:01	2:01	2:04	3 MIN
	4 V	12.5'	Similar to Profile	Similar to Profile			

REMARKS Holes NOT PER PLAN -

TYPE OF SOIL Glnely

TESTED BY S. Abel

ALSO PRESENT Phil, Ruby, Andrews  
C. Cisse, B. Ingram

RIPPEON PROPERTY  
LOTS 1-4  
PLAT NO. 6529

SCOTTSWOOD

COURT

LOT 41  
3.000 AC.±

LOT 42  
3.000 AC.±

LOT 40  
3.016 AC.±

SHEET

3

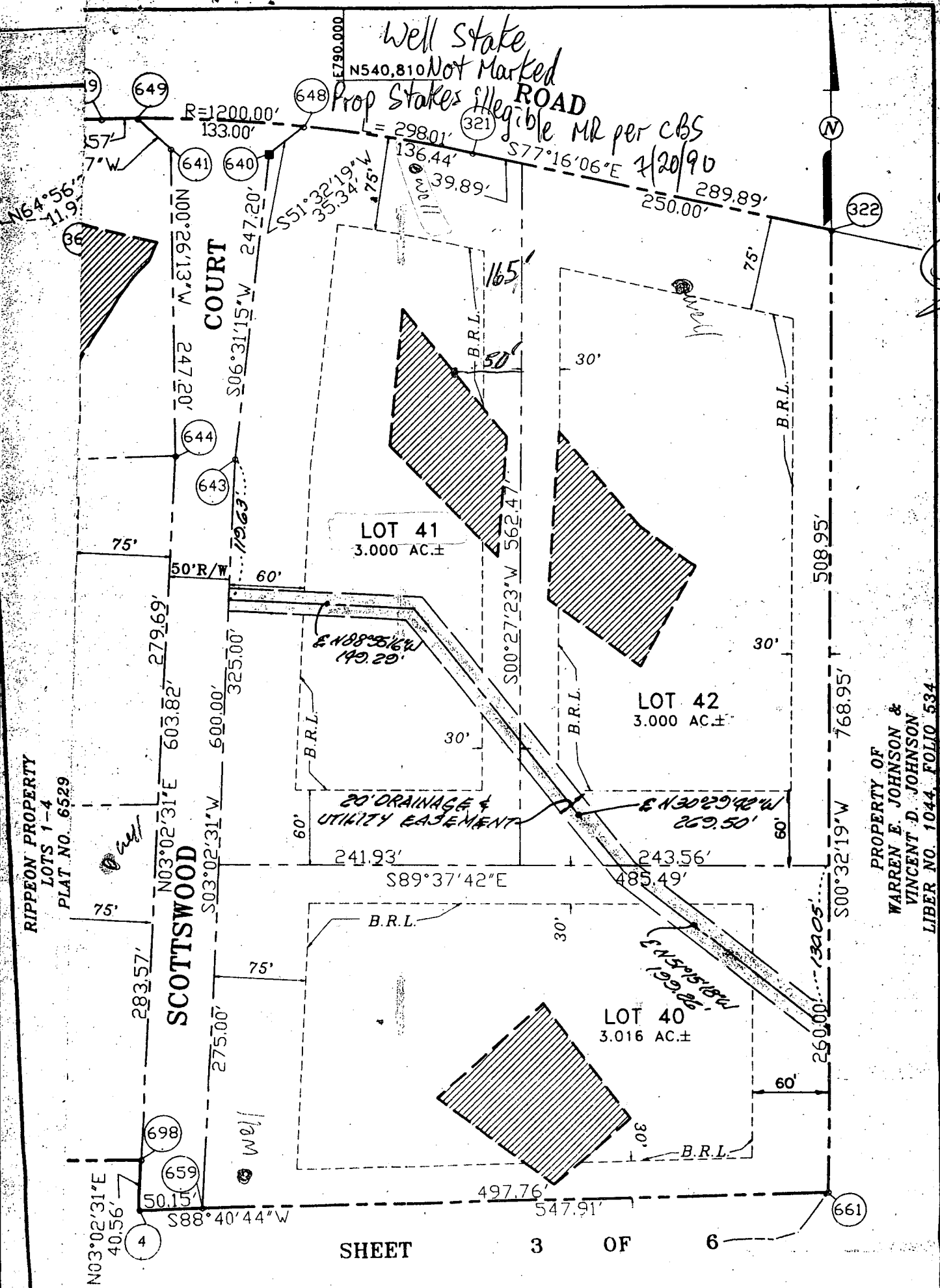
OF

6

PROPERTY OF  
WARREN E. JOHNSON &  
VINCENT D. JOHNSON  
LIBER NO. 1044, FOLIO 534

*Country Club*

Well Stake  
Not Marked  
Prop Stakes illegible MR per CBS  
7/20/90

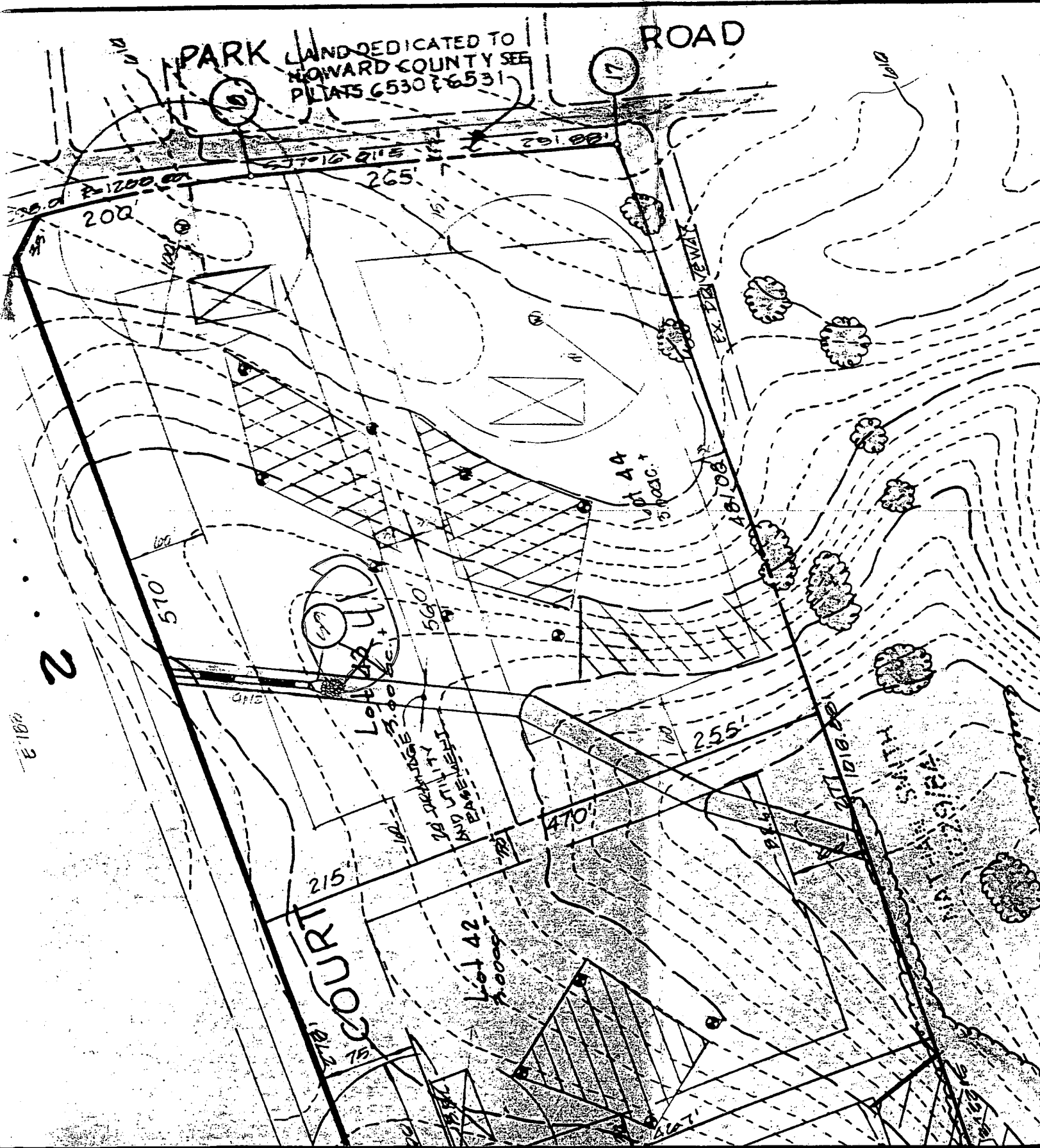




PARK

LAND DEDICATED TO  
HOWARD COUNTY SEE  
PLATS 6530 & 6531

ROAD



2

651.3

7.21.98  
OK

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

~~461-9933~~ 410 313 2640 phone  
410 313 2648 Fax

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation ☒  
Replacement ☐

Receipt #  
Date 6/6/98

Name of Installer GREG C. FRYFOGLE PLUMBING  
& HEATING, INC.

Telephone 410-875-0300

License Number 9081

Certified Well Pump Installer \_\_\_\_\_ Well Driller \_\_\_\_\_ Registered Plumber ☒

Name of Property Owner MIKE LEWIS

Telephone \_\_\_\_\_

Subdivision COUNTRY SPRINGS Lot # 41

Well Tag # \_\_\_\_\_

Site Address 15001 SCOTTS WOOD CT  
GLENWOOD, MD. 21797

Pump

1. Type
  - a. Deep well jet
  - b. ~~Shallow well jet~~
  - c. Submersible ☒

Motor

1. Horsepower 3/4
2. RPM
3. Voltage 60 m
  - a. 110
  - b. 220 ☒

Pitless Adapter

1. Make HARVARD
2. Model # PT-800
3. Depth 42"

2. Make JACUZZI

3. Model # SAND HANDLER T78341011-52

4. Capacity 10 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 \_\_\_\_\_

Tank

1. Capacity \_\_\_\_\_
2. Pressure relief valve? YES

Piping

1. Type POLYETHYLENE
2. Size 1"
3. NSF and/or BOCA Code approved \_\_\_\_\_
4. Depth of supply line 42"

Well data

1. Depth 285 ft.
2. Yield \_\_\_\_\_ GPM
3. Static water level \_\_\_\_\_ ft.
4. Will water supply be disinfected by installer? NO

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: [Signature] (PRESIDENT)

Date: 6/6/98

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

APPLICATION

HOWARD COUNTY

SERIAL NUMBER

## PERMIT APPLICATION

DEPARTMENT OF INSPECTIONS, LICENSES & PERMIT  
3430 COURT HOUSE DRIVE, ELLICOTT CITY, MARYLAND 21043

B0013087

BUILDING ADDRESS (HOUSE NO., STREET, TOWN OR AREA)

15001 SCOTTSWOOD CT  
WOODBINE, MD. 21797GRADING/SEDIMENT CONTROL ☐ YES ☐ NO

SDP #

DESCRIPTION OF WORK AUTHORIZED

BURY 1-500 UNDERGROUND PROPANE TANK

LOT NO. PARCEL NO. SEC. AREA BLOCK NO. LIBER FOLIO

SUB DIVISION ZONE ZONE MAP ELEC. DIST. CENSUS TR.

OWNER NAME AND ADDRESS

MICHAEL LEWIS  
15001 SCOTTSWOOD CT.  
WOODBINE, MD. 21797

PHONE NO.

OCCUPANT'S NAME AND ADDRESS

SAME

PHONE NO.

ARCHITECT OR ENGINEER'S NAME AND ADDRESS

N/A

PHONE NO.

CONTRACTOR'S NAME AND ADDRESS

SUBURBAN PROPANE  
31 DERWOOD CIRCLE BOX 1766  
ROCKVILLE, MD. 21849

PHONE NO.

301-251-0606

EXISTING USE

SINGLE FAMILY HOME

PROPOSED USE

SINGLE FAMILY HOME  
WITH PROPANE TANK

EST. CONSTRUCTION COST

2500.00

LICENSE NUMBER

PERMIT FEE

UTILITIES  
WATER/WELL SEWER/SEPTIC GAS ELECTRICITY TYPE OF HEAT AC

I have carefully examined and read this application and know the same is true and correct, and that in doing this work, all provisions of Howard County Ordinances and the State Laws of Maryland will be complied with, whether specified or not; and I will notify the Department of Inspections, and Permits twenty-four hours in advance when I am ready for the inspections called for elsewhere in the application; and that no work will be covered up until such inspections have been completed with.

ENERGY SPECIALIST

TITLE

SIGNATURE

WILLIAM D SMITH

7-20-98

DATE

W/S CODE

## FOR OFFICE USE ONLY

DISTANCE IN FEET FROM R/W LINE TO FRONT BUILDING LINE

SIDE YARD

(DISTANCE IN FEET FROM SIDE BLDG. LINE TO SIDE PROPERTY LINE)

TO SIDE BUILDING LINE

DISTANCE IN FEET, REAR YD. REQUIRING SET

BACK (CORNER LOT ONLY)

SDP #

Check payable to: DIRECTOR OF FINANCE OF HOWARD COUNTY

## CAUTION

To begin construction before a permit placard has been issued and displayed on the job is a violation of the law.

Use and occupancy permit must be applied for two weeks before it will be issued.

IMPORTANT: PLEASE SHOW ZIP CODES AND AREA CODES WHEREVER REQUIRED.

LP-69-591

FUNCTION	DATE	SIGNATURE APPROVAL
ZONING/PLANNING	X	
SHA		
SEDIMENT/GRADING		
BUILDING OFFICIAL	X	
WATER & SEWER		
HEALTH DEPT.	X 7/21/98	
FIRE PROTECTION		
STORM WATER MGMT	X	

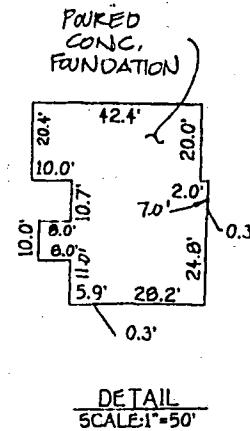
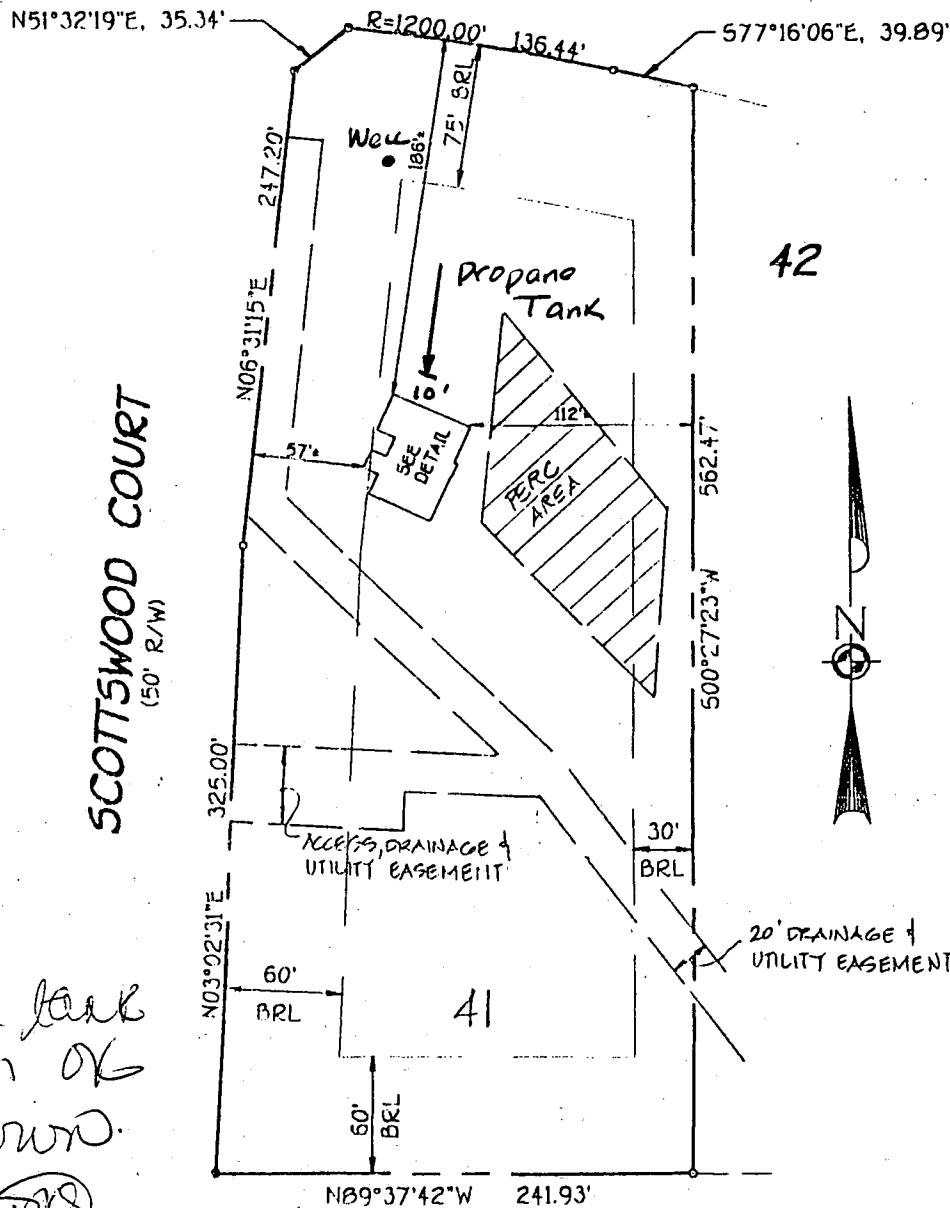
APPROVED

DATE

Distribution of Copies:  
White - Building Official  
Green - Planning & ZoningYellow - Engineering  
Pink - Health Dept.  
Gold - P.H.A.

3) THE OFFSETS FROM BUILDING LINE TO PROPERTY LINE AS SHOWN ON THE PLAT HEREON ARE TO AN ACCURACY OF PLUS OR MINUS (±).

BUSHY  
PARK ROAD



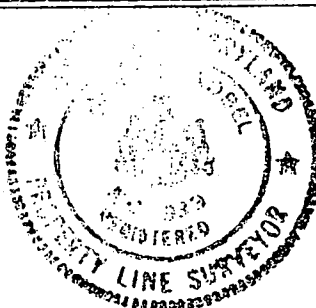
7/21/98  
Proposed tank  
location OK  
as shown.  
(Signature)

BRL = BUILDING RESTRICTION LINE  
TOP FOUNDATION ELEV. = 607.0'±

LOT 41  
COUNTRY SPRINGS  
LOTS 1-42  
4TH ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND  
PLAT REF: \*9648

40

**FISHER, COLLINS & CARTER, INC.**  
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE  
ELLICOTT CITY, MARYLAND 21042  
(410) 461-2655



*Mark J. Adel* 6/10/98  
PROFESSIONAL LAND SURVEYOR DATE  
REG. # 339

**HOUSE LOCATION  
DRAWING**

FOUNDATION LOCATION: 6/9/98  
FINAL LOCATION: \_\_\_\_\_  
BOUNDARY SURVEY: \_\_\_\_\_

SCALE: 1"=100'  
DATE: 6/10/98  
DRAWN BY: J.A.U.  
CHECKED BY: M.L.R.  
PROJECT No.: 61231

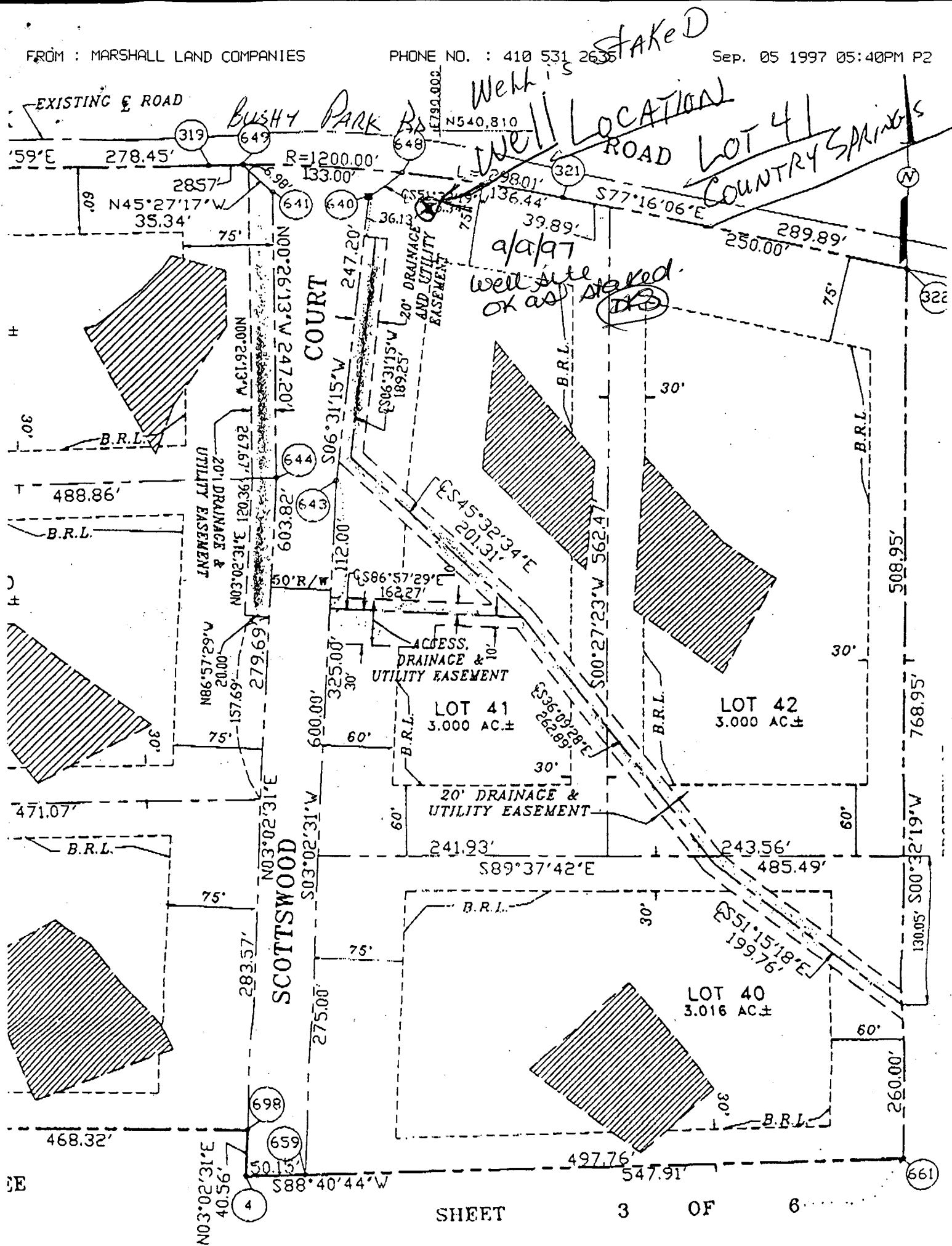
C 1 9583		SEQUENCE NO. (MDE USE ONLY)		STATE OF MARYLAND WELL COMPLETION REPORT FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE				THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.			
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)								COUNTY NUMBER A 42493			
ST/CO USE ONLY DATE Received 092497		DATE WELL COMPLETED 091797		Depth of Well 22 285 26 (TO NEAREST FOOT)				PERMIT NO. FROM "PERMIT TO DRILL WELL" H0-94-1275			
OWNER last name first name Carrier Ronald				STREET OR RFD Bushy Park Rd.				TOWN Woodbine			
SUBDIVISION Country Springs				SECTION				LOT 41			
WELL LOG Not required for driven wells				GROUTING RECORD WELL HAS BEEN GROUTED (Circle Appropriate Box) TYPE OF GROUTING MATERIAL (Circle one) CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 45 NO. OF POUNDS 4230 GALLONS OF WATER 210 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 78 ft. TOP BOTTOM (enter 0 if from surface)				C 3 PUMPING TEST HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min.) 006.5 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 48 ft. WHEN PUMPING 237 ft. TYPE OF PUMP USED (for test) A air P piston T turbine C centrifugal R rotary O other (describe below) J jet S submersible			
STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING				C 2 C 2 DEPTH (nearest ft.) H0 29 285 E A C H S C R E E N 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH) from to 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				C 3 PUMPING TEST HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min.) 006.5 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 48 ft. WHEN PUMPING 237 ft. TYPE OF PUMP USED (for test) A air P piston T turbine C centrifugal R rotary O other (describe below) J jet S submersible			
DESCRIPTION (Use additional sheets if needed)				FEET FROM TO Brown Shale 0 76 Blue Rock 76 285				PUMPING TEST HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min.) 006.5 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 48 ft. WHEN PUMPING 237 ft. TYPE OF PUMP USED (for test) A air P piston T turbine C centrifugal R rotary O other (describe below) J jet S submersible			
NUMBER OF UNSUCCESSFUL WELLS: 0				WELL HYDROFRACTURED yes Y no N				PUMPING TEST HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min.) 006.5 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 48 ft. WHEN PUMPING 237 ft. TYPE OF PUMP USED (for test) A air P piston T turbine C centrifugal R rotary O other (describe below) J jet S submersible			
CIRCLE APPROPRIATE LETTER A 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, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.				PUMPING TEST HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min.) 006.5 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 48 ft. WHEN PUMPING 237 ft. TYPE OF PUMP USED (for test) A air P piston T turbine C centrifugal R rotary O other (describe below) J jet S submersible			
TYPE: MWD/MSD/MGD DRILLERS LIC. NO. 024 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) LIC. NO. 027 SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)				DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) LIC. NO. 027 SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)				PUMPING TEST HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min.) 006.5 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 48 ft. WHEN PUMPING 237 ft. TYPE OF PUMP USED (for test) A air P piston T turbine C centrifugal R rotary O other (describe below) J jet S submersible			
COUNTY				COUNTY				COUNTY			

Well Permit No. HO - 94-1275  
Location of property (road) Bushy Park Rd  
Subdivision Country Springs Lot 41 Block \_\_\_\_\_ Plat \_\_\_\_\_ Sec. \_\_\_\_\_  
Well Driller J. Mayne Owner Carter

Depth of well 285'  
Distance of measuring point (M.P.) above ground 1 1/2  
Static water level (S.W.L.) below M.P. 48'

Time pump started 7:45 Pumping rate 200 gpm.  
Total time 30 min. to reach pumping water level 237 ft. below M.P.

[illegible]



APPLICATION

HOWARD COUNTY

SERIAL NUMBER

## PERMIT APPLICATION

DEPARTMENT OF INSPECTIONS, LICENSES & PERMIT  
3430 COURT HOUSE DRIVE, ELLICOTT CITY, MARYLAND 21043

B0011155

BUILDING ADDRESS (HOUSE NO., STREET, TOWN OR AREA) 35550

15601 SCOTTSWOOD CT  
GLENWOOD, MARYLAND 21797

LOT NO. 41 PARCEL NO. 240 SEC. AREA BLOCK NO. 21 LIBER FOLIO

SUB DIVISION Country Springs ZONE 250 ZONE MAP 8 ELEC. DIST. 41 CENSUS TR. 6040

OWNER NAME AND ADDRESS: Catonsville Builders Inc. PHONE NO. 410-750-1200  
9005 N. CHEVROLET DR  
ELLICOTT CITY, MD 21042

OCCUPANT'S NAME AND ADDRESS: OWNER PHONE NO.

ARCHITECT OR ENGINEER'S NAME AND ADDRESS: OWNER PHONE NO.

CONTRACTOR'S NAME AND ADDRESS: OWNER PHONE NO.

EXISTING USE: VACANT LOT PROPOSED USE: SFD

EST. CONSTRUCTION COST: \$120,000 LICENSE NUMBER PERMIT FEE

W/S CODE FOR OFFICE USE ONLY

DISTANCE IN FEET FROM R/W LINE TO FRONT BUILDING LINE

SIDE YARD (DISTANCE IN FEET FROM SIDE BLDG. LINE TO SIDE PROPERTY LINE)

TO SIDE BUILDING LINE DISTANCE IN FEET, REAR YD. REQUIRING SET

BACK (CORNER LOT ONLY) SDP #

Check payable to: DIRECTOR OF FINANCE OF HOWARD COUNTY

CAUTION To begin construction before a permit placard has been issued and displayed on the job is a violation of the law.

Use and occupancy permit must be applied for two weeks before it will be issued.

IMPORTANT: PLEASE SHOW ZIP CODES AND AREA CODES WHEREVER REQUIRED.

LP-69-591

11537

GRADING/SEDIMENT CONTROL ☐ YES ☐ NO SDP #

DESCRIPTION OF WORK AUTHORIZED Model 2500 Dorchester w/opt sitting room

2 story full basement, 10R, 2 FB, 1 HB, 4 BR, FP, sitting room, garage

SIZE OF BLDG. FRONT DEPTH HEIGHT

1 52 40 10  
2 52 36 10  
3 52 30 10

TYPE OF BLDG. AREA VOLUME ROOF

B. ROOMS 1699  
ROOMS 1200  
BATHS 1200  
FIREPLACES 4159

FOOTINGS FOUNDATION S. WALLS

110" x 8" CONCRETE 8" CONCRETE wood frame/brick

UTILITIES WATER/WELL SEWER/SEPTIC GAS ELECTRICITY TYPE OF HEAT AC

I have carefully examined and read this application and know the same is true and correct, and that is doing this work, all provisions of Howard County Ordinances and the State Laws of Maryland will be complied with, whether specified or not; and I will notify the Department of Inspections, and Permits twenty-four hours in advance when I am ready for the inspections called for elsewhere in the application; and that no work will be covered up until such inspections have been completed with.

Signature: [Signature] DATE: 5/1/98

TITLE DATE

FUNCTION DATE SIGNATURE APPROVAL

ZONING/PLANNING

SHA

SEDIMENT/GRADING

BUILDING OFFICIAL

WATER &amp; SEWER

HEALTH DEPT. 5/12/98 DURELL [Signature]

FIRE PROTECTION

STORM WATER MGM.

APPROVED DATE

Distribution of Copies: White - Building Official Green - Planning &amp; Zoning Yellow - Engineering Pink - Health Dept. Gold - S.H.A.