

4/19/99  
3:00  
4/20/99  
5:10

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

04-361377

P 511440

A 59289-F

DISTRICT \_\_\_\_\_

DATE 3-299

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXX~~ 410-313-2640

DATE SYSTEM APPROVED 4/20/99

INSPECTOR DKS

# INDEXED

Jack Fyock Septic Service IS PERMITTED TO INSTALL  ALTER \_\_\_\_\_

ADDRESS P. O. Box 89, Glenelg, MD 21737 PHONE 410-988-9270

SUBDIVISION The Woods at Ridgeview LOT Parcel 6 ROAD 15066 Frederick Road

PROPERTY OWNER Crosen Homes, Inc.

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 feet below original grade. Bottom maximum depth 5.0 feet below original grade. Effective area begins at 3.0 feet below original grade. 2.0 feet of stone below distribution pipe.

LOCATION - Begin trenches 130 feet up the right (268.53') lot line and 70 feet off that same lot line as seen when facing the lot from the gravel drive. Run trenches on contour in both directions.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK 3/3/99 DKS

PLANS APPROVED BY Almy McMillen DATE 2-25-1999

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

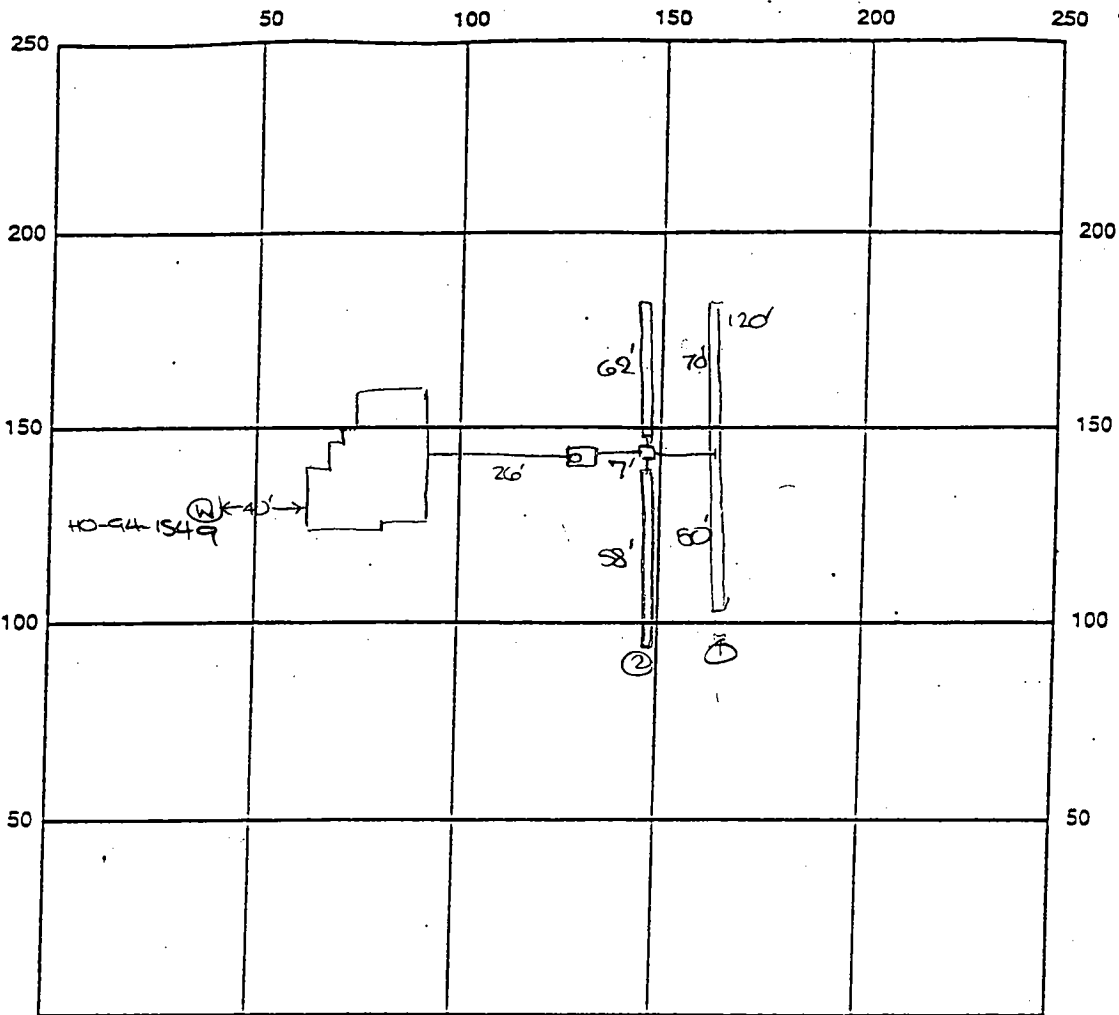
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON, CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

**\*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.**

A59289-F



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE  
 Frederick Road

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

DISTRIBUTION BOX LEVEL OK

DRAIN FIELD/TITLE DEPTH 5 FT. TRENCH WIDTH 3 FT. INLET DEPTH 3 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 120 FT. → 240

NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 720 SQ. FT.

DRYWALL INSIDE DIAMETER      FT. EFFECTIVE DEPTH BELOW INLET      FT.

ABSORBENT AREA      SQ. FT.

REMARKS: 4/19/99 OK to cover from house to dist box and 1st trench. OK to continue. DKS

4/20/99 FINAL INSP - OK to cover all work. DKS

4/20/99 WPI - Well line, P.A. 4' b.g., well casing 2' a.g., PVC conduit pipe OK', 2x cap installed. OK to cover.

4/20/99 WPI - Well line, P.A. 4' b.g., well casing 2' a.g., PVC conduit pipe OK', 2x cap installed. OK to cover.

DATE SYSTEM APPROVED 4/20/99 INSPECTOR [Signature]

6040 PR  
#6850  
Cash  
C/R 21767

issued  
5/2/99



May 5, 1999

Mrs. Avis Corbin  
Ho. Co. Inspections, Licenses & Permits  
3430 Court House Drive  
Ellicott City, MD 21043-4395

RE: Permit #B00115430

Dear Mrs. Corbin,

We are requesting to amend the approved plan, permit # B00115430 located at 15506 Frederick Road in Woodbine, MD . We are requesting approval to extend the front porch and extend bedroom 3 over existing garage and add gable end.

If you have any questions or comments, please call us at (410) 442-8262.

Sincerely,

A handwritten signature in black ink, appearing to read "D. Croesen".

Donald O. Croesen  
President

5/12/99  
The Health Department  
has no objection to  
the proposed ammendment  
to Building Permit  
B00115430

A McMiller

cc: Health Dept  
DPZ



# APPLICATION

PERCOLATION TESTING

A 59289E

P \_\_\_\_\_

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

DISTRICT \_\_\_\_\_

DATE 12/31/97

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 Highland Development Corporation - ~~CRUSEN~~ CRUSEN HOMES INC

ADDRESS \_\_\_\_\_ PHONE 410 531 5539

AGENT OR PROSPECTIVE BUYER Chick Shauf

ADDRESS 3779 Shuff Road PHONE 410 4894630

PROPERTY LOCATION: Glenwood Md. 21738

SUBDIVISION \_\_\_\_\_ LOT NO. Parcel 6

ROAD AND DESCRIPTION Old 15966 Frederick Road Woodlawn

TAX MAP 8 PARCEL # 56, 57, 60, 61, 130, 137, 174 \* 9 lots (8 New 1 home)

SIZE OF LOT 1 ac To 3 ac TYPE BLDG. \_\_\_\_\_  
(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) Chick Shauf

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

DISAPPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

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

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

BLDG. \_\_\_\_\_  
AND RECORDED 2-25-98  
Serial # BD 15430  
SFD - 4Bem

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

225  
8  
18 00  
11/13/98  
4/1/14/98

59289 F

COUNTY #

SOIL PROFILE

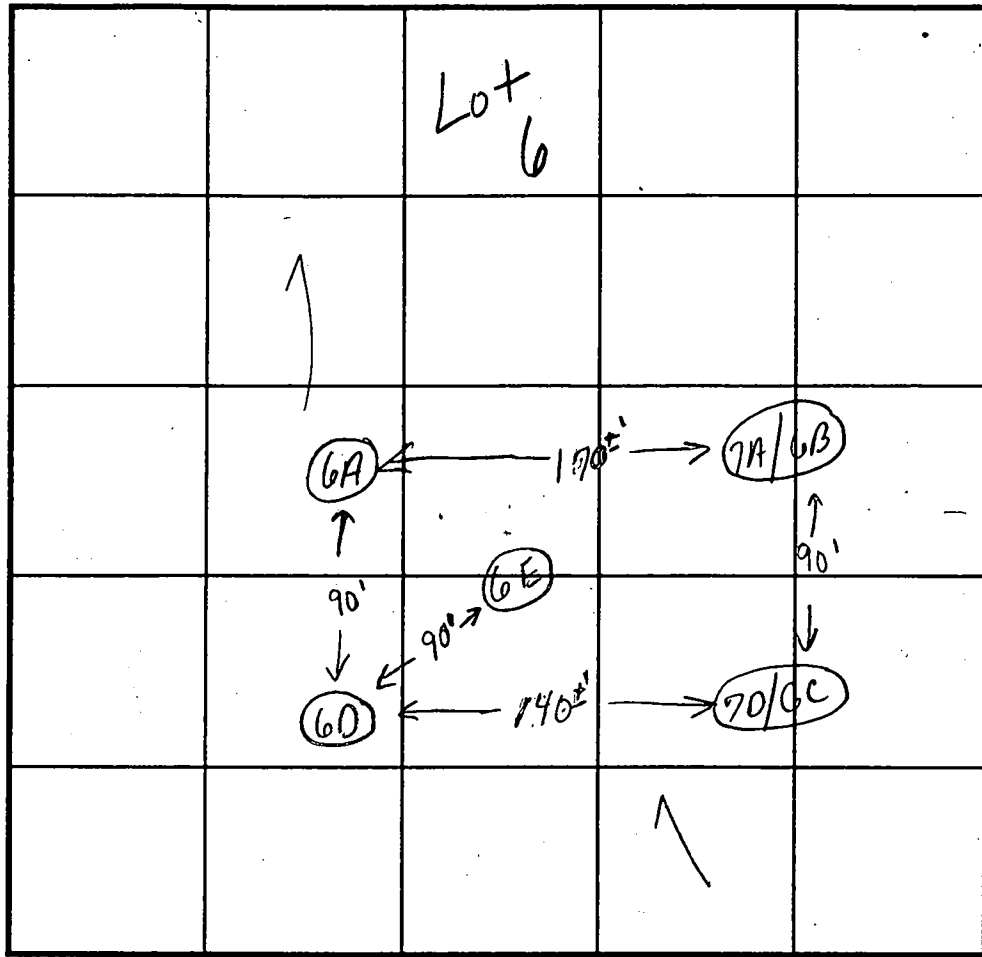
0'  
 (6D)  
 or/br  
 red  
 clay  
 loam  
 3.0'  
 orange/  
 tan/yell  
 pink  
 silty  
 loam  
 10%  
 shale  
 frags  
 11.5'

60A/5B

same  
 as  
 hole  
 # 6D

70/6C

3.0'  
 or/br  
 clay  
 loam  
 pink/  
 tan  
 silty  
 loam  
 10%  
 shale  
 frags  
 11.5'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

0'  
 7A/6B  
 or/br  
 clay  
 loam  
 3.0'  
 tan/or  
 yellow  
 silty  
 loam  
 15%  
 shale  
 frags  
 12.0'

6E

3.0'  
 or/brown  
 clay/m  
 tan/orange  
 yellow  
 silty  
 loam  
 10% shale  
 11.0'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
1/13/98	6D	3.5'S	11:4930	11:53	11:53	12:0030	730
		11.5'D	Visual	ok-see	profile		
	60A/5B	3.5'S	11:52	11:5430	11:5430	12:0030	6 min
		11.0'D	Visual	ok-see	profile		
	7A/6B	3.5'S	11:20	11:21	11:21	11:22	1/min
		10.0'D	Visual	ok-see	profile		
		(repour)	11:2330	11:2630	11:2630	11:2830	2min
	70/6C	3.0'S	11:30	11:3530	11:3530	11:47	1230
		6.5'S	11:3030	11:3230	11:3230	11:3430	2min
	6E	11.0'D	Visual	only - old	see profile		

REMARKS test holes staked

TYPE OF SOIL Kim Maisto

TESTED BY Kim Maisto ALSO PRESENT Chuck Sharp

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 5-6 minutes TRENCH WIDTH 3.0

INLET DEPTH 3.0 MAXIMUM BOTTOM DEPTH 5.0 SQ. FT/BEDROOM: 180

N 69°43'12" W 785.92'

EKA  
EKB2

399,475 SQ. FT.  
6.8730 ACRES

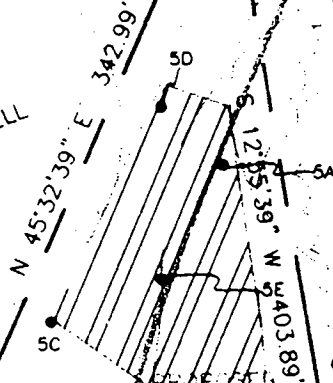
NOT INCLUDED

Approved  
Pac Cert  
3/18/99

EX  
HOUSE

EX WELL

EX WELL



72386 SQ. FT.  
1.6606 ACRES

PARCEL 5

PROP WELL

S 78°15'14" E 507.10'

PARCEL 6

44174 SQ. FT.  
1.0141 ACRES

PROP WELL

EL 4  
RES  
Q. FT.

50

PROP WELL

S 78°5'14" E 610.79'

PROP WELL

EL 3

237 SQ. FT.  
5.87 ACRES

PROP WELL

B2  
KBB2

N 13°27'45" E 321.69'

PROP WELL

PARCEL 7

43381 SQ. FT.  
0.9959 ACRES

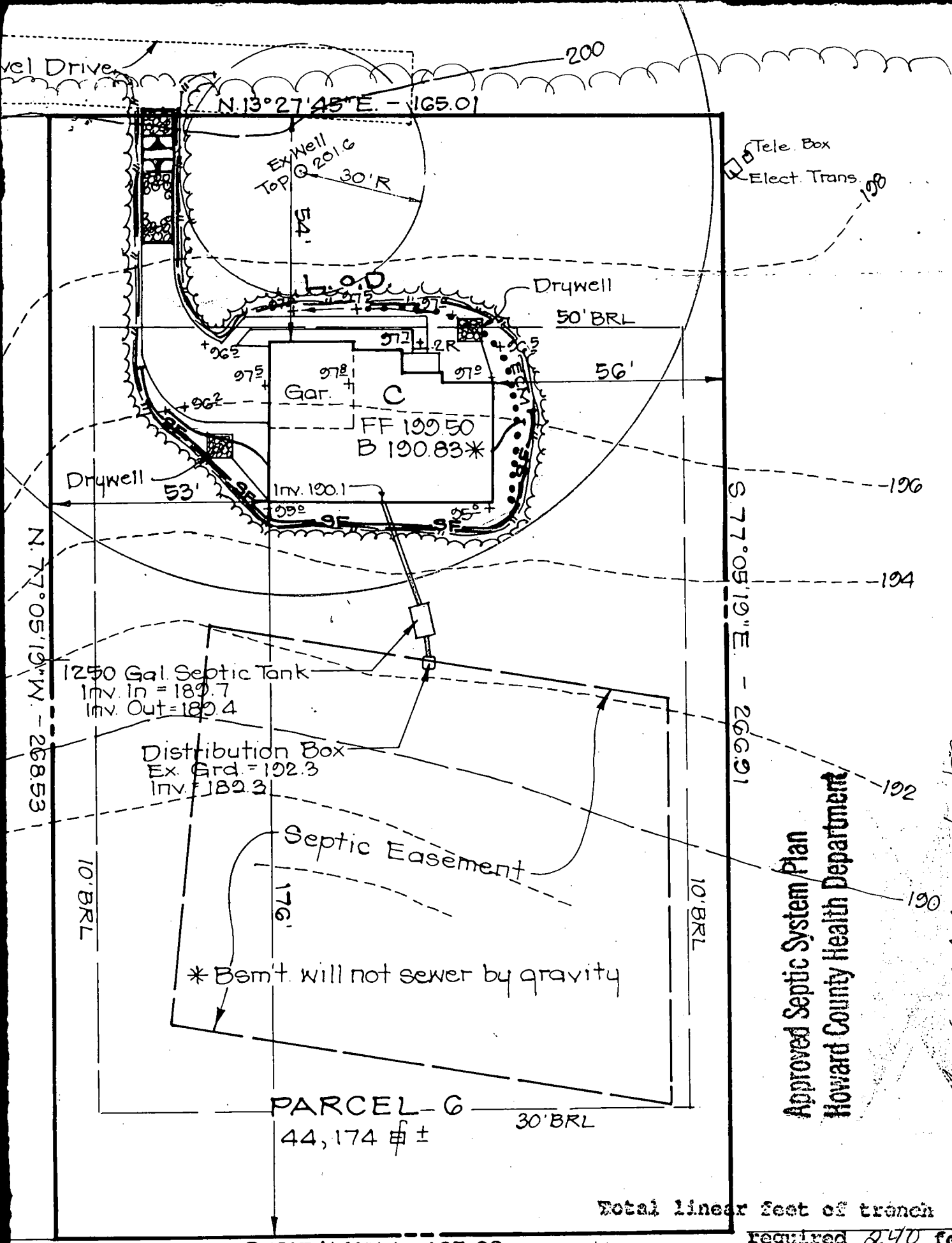
S 57°03'19" E 286.03'

PARCEL 8

130902 SQ. FT.  
3.0051 ACRES

414.51'

S 41°12'02" W 95.97'



Approved Septic System Plan  
Howard County Health Department

*Angie McMillen*  
Signature  
2/25/99  
Date

Total linear feet of trench required 240 feet  
 Width of trench(es) 3.0 feet  
 Depth of trench(es) 5.0 feet  
 Depth of stone required below distribution pipe 2.0 feet

**DEVELOPER'S/BUILDER'S CERTIFICATE**

"I/We certify that all development and construction will be done according to this plan of development and plan for sediment and erosion control and that all responsible personnel involved in the construction project will have a Certificate of Attendance at a Department of the Environment 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".

*Don Coan*  
NAME

11-11-98  
DATE

**ENGINEER'S CERTIFICATE**

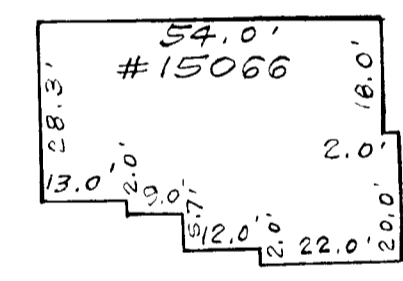
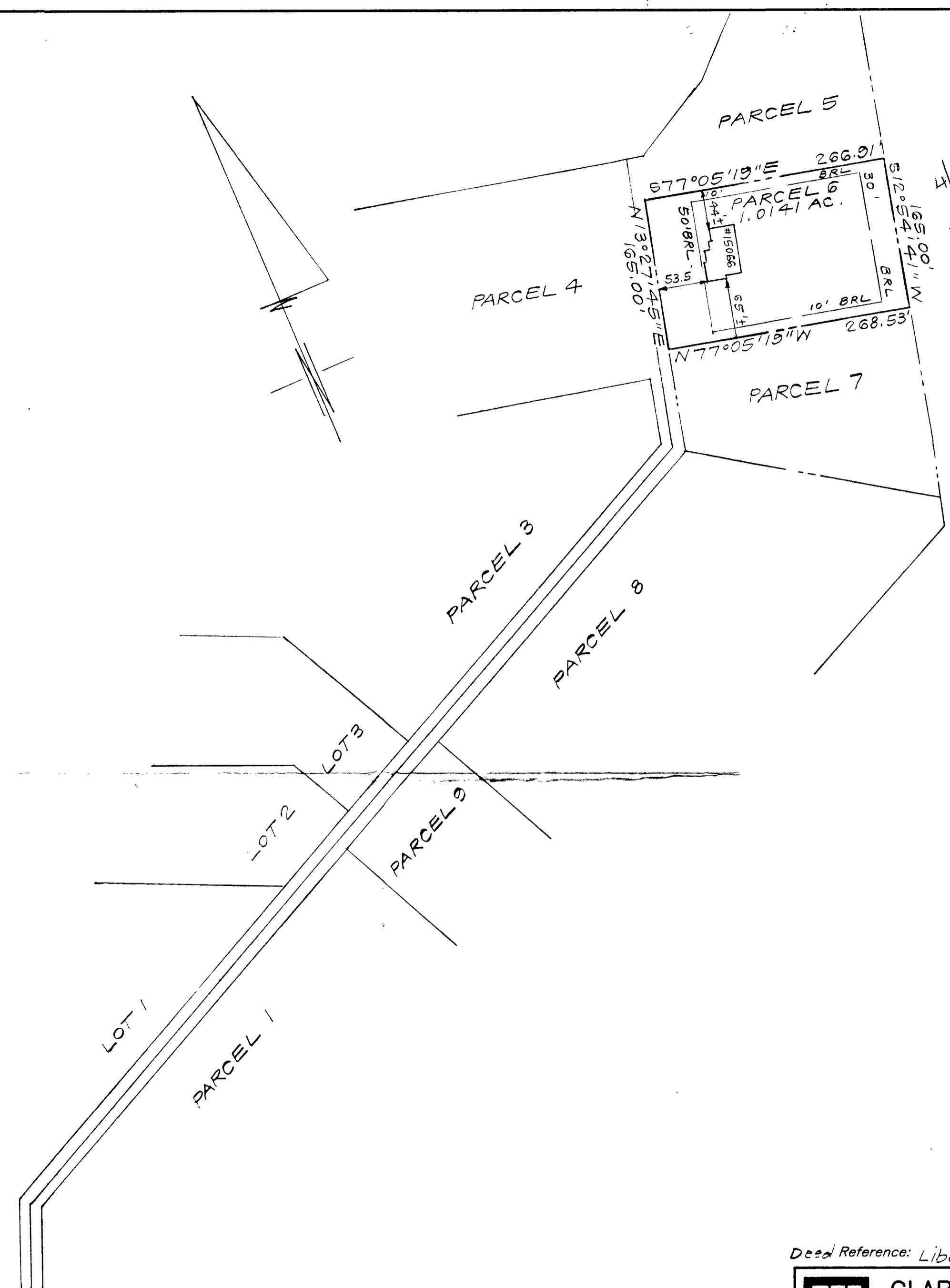
I hereby certify that this plan for Erosion Control represents a professional plan based on my personal knowledge of site conditions and that it was prepared in accordance with the requirements of the Howard County Health Department.

*G. Nelson Clark*  
G. NELSON CLARK

NOTE: This Lot appears to lie in an area classified as Zone C, area of minimal flooding as shown on FIRM MAP of Howard County, Maryland, Community Panel Number 240044000BB, Panel 8 of 45, dated December 4, 1986.

Wall Check: 3-22-99  
Top of Wall Elev.: 199.6

4/14/99  
wall shifted towards  
268.53' lot line - no  
impact to well or patio



SCALE: 1"=30'

CONSUMER INFORMATION

- 1) This plat is of benefit to the consumer only insofar as it is required by a lender of a title insurance company or its agent in connection with contemplated transfer, financing or refinancing purposes;
- 2) This plat is not to be relied upon for the establishment or location of fences, garages, buildings or other existing or future structures;
- 3) This plat does not provide for the accurate identification of property boundary lines, but such identification may not be required for the transfer of title or for securing financing or refinancing.

SURVEYOR'S CERTIFICATE

I hereby certify that a field survey of this property has been made under my supervision for the purpose of locating improvements shown hereon, and that they are located as shown.

3-24-99  
DATE

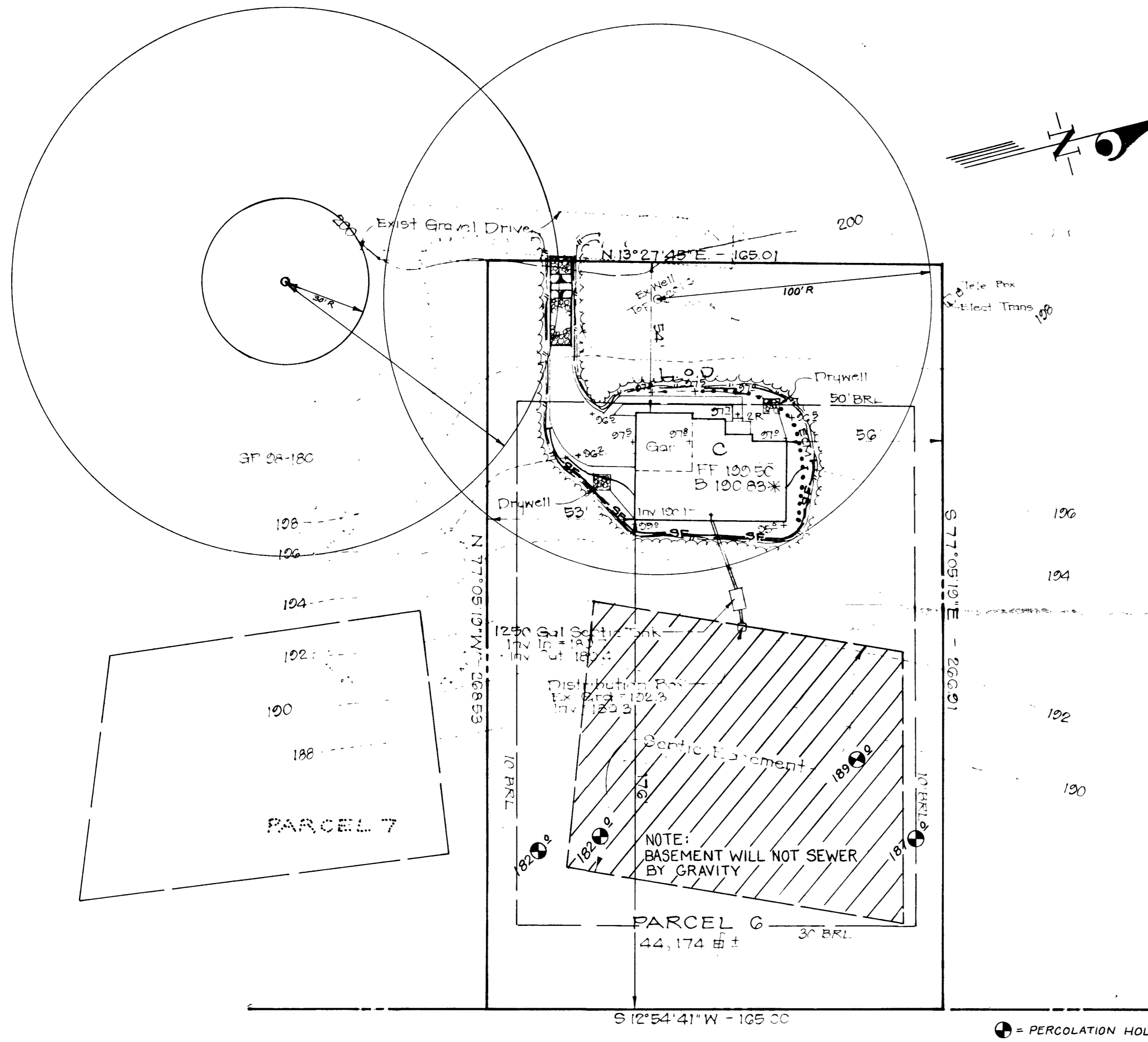
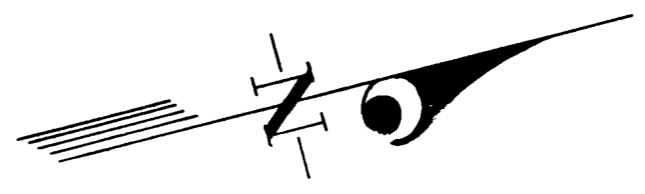


FREDERICK MD. RTE. 144 ROAD

NOTE: 1. That setback distance accuracy = 1'

Deed Reference: Liber 4285 Folio 382

		<b>CLARK • FINEFROCK &amp; SACKETT, INC.</b> ENGINEERS • PLANNERS • SURVEYORS 7135 MINSTREL WAY • COLUMBIA, MD 21045 • (410) 381-7500 BALT. • (301) 621-8100 WASH.	
		DESIGNED DRAWN CHECKED DATE	LOCATION DRAWING 15066 FREDERICK ROAD PARCEL 6 LIBER 4285 FOLIO 382 4TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
FOR:	CROSEN HOMES, INC. 3825 Shady Lane Glenwood, Md. 21738	98-042-0	



**LEGEND**

- CONTOUR INTERVAL 2 FT
- EXISTING CONTOUR
- PROPOSED CONTOUR
- DIRECTION OF DRAINAGE
- WALK OUT BASEMENT
- SPOT ELEVATION
- PASSED PERCOLATION TEST PIT

This Area Designates a Private sewage easement of 10,000 Square feet as required by the Maryland State Dept of the Environment for individual sewage disposal. Improvements of any nature in this area are restricted until public sewage is available. These easements shall become null and void upon connection to a Public sewage system. The County Health Officer shall have the Authority to grant variances for encroachments into the Private Sewage Easement. Recordation of a modified sewage easement shall not be necessary.

The Lot shown hereon comply with the minimum ownership width and lot areas as required by the Maryland State Dept. of the Environment.  
Percolation holes located by C.F.S. INC. 2-22-99  
Percolation areas and water wells for adjoining lots have been shown where pertinent.

APPROVED: For Private Water and Private Sewage Systems

*Joseph M. Boyd*  
COUNTY HEALTH OFFICER

2-25-99  
DATE

S 12°54'41"W - 165.00

= PERCOLATION HOLES LOCATED 2-22-99

<b>CLARK • FINEFROCK &amp; SACKETT, INC.</b> ENGINEERS • PLANNERS • SURVEYORS WINSTREL WAY • COLUMBIA, MD 21045 • 410.381.7500 BALT • 301.621.8100 WASH		
DESIGNED #	<b>PERC CERTIFICATION PLAT</b> PARCEL 6 <b>WOODS AT RIDGEVIEW</b>  FOURTH (4th) ELECTION DISTRICT HOWARD COUNTY, MARYLAND  FOR CROSEN HOMES 3775 Shady Lane Glenwood Maryland 21738	SCALE 1" = 30'
DRAWN PS #		DRAWN of
CHECKED TD		DATE 98-042
DATE 2-22-99		FILE NO. 98-042X

C1 05004 SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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

COUNTY NUMBER A59289F

(THIS NUMBER IS TO BE PUNCHED IN COLS. 2-6 ON ALL CARDS)

ST/CO USE ONLY DATE RECEIVED 10-9-98

DATE WELL COMPLETED 6-4-98 DEPTH OF WELL 2200'

PERMIT NO. HO-94-1549

OWNER Highland Development CMC STREET OR RFD 144 TOWN Glenwood SUBDIVISION Woods at Ridgview SECTION 107 Parcel 6

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, FEET (FROM, TO), check if water bearing. Rows: Brown Shale 0-41, Gray Granite 41-200.

GROUTING RECORD

WELL HAS BEEN GROUTED (Y) NO. OF BAGS 17 NO. OF POUNDS 1598 GALLONS OF WATER 102 DEPTH OF GROUT SEAL 40'

CASING RECORD

MAIN CASING TYPE ST Nominal diameter 6" Total depth of main casing 45'

OTHER CASING (if used) diameter inch depth (feet) from to

SCREEN RECORD

screen type or open hole (ST) BRASS BRONZE PLASTIC (HO) OPEN HOLE (OT) OTHER

DEPTH (nearest ft.)

Table with columns: E, A, C, H, S, R, E, N. Rows: 1-200, 2-43, 3-200.

SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH) 56 to 60

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

TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST

HOURS PUMPED (nearest hour) 3

PUMPING RATE (gal. per min.) 20

METHOD USED TO MEASURE PUMPING RATE Bucket

WATER LEVEL (distance from land surface) BEFORE PUMPING 53'

WHEN PUMPING 53'

TYPE OF PUMP USED (for test) S submersible

PUMP INSTALLED DRILLER WILL INSTALL PUMP (CIRCLE) (YES or NO) 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

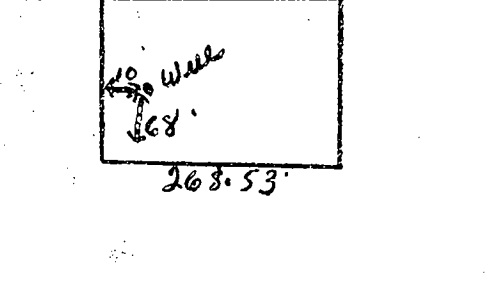
CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 35

PUMP HORSE POWER 37 41

PUMP COLUMN LENGTH (nearest ft.) 43 47

CASING HEIGHT (circle appropriate box and enter casing height) + above LAND SURFACE - below 2 (nearest foot)

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)



DRILLERS LIC. NO. 1 MSD024 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) LIC. NO. 1 MSD027 SITE SUPERVISOR (sign of driller or journeyman responsible for sitework if different from permittee)

B 1 2463

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL please print or type

STATE PERMIT NUMBER

HO-94-1549 fill in this form completely

Date Received (APA)

4-11-98

OWNER INFORMATION

Highland Development CMC Last Name Owner First Name P.O. Box 228 Street or RFD Clarksville Md. 21029 Town State Zip

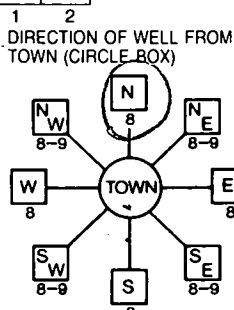
B 3 LOCATION OF WELL

Howard COUNTY The Woods at Ridgerview SUBDIVISION SECTION 44 46 LOT Parcel 6 48 50 Glenwood NEAREST TOWN MILES FROM TOWN (enter 0 if in town) 3 M I 73 76 77 78

DRILLER INFORMATION

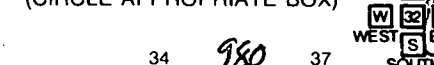
Joseph L. Mayne MS D024 Driller's Name License No. Joseph L. Mayne Well Drilling Firm Name 5512 Ridge Rd. Mt. Airy 21771 Address Joseph L. Mayne 4/7/98 Signature Date

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Rt 144 and Right of Way NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



34 980 37 DISTANCE FROM ROAD ENTER FT OR MI 38 39 Ft

TAX MAP: 8 BLK: 15 PARCEL 130

B 2 WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 5 8 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500 14 20

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- [D] HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY) [F] FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) [I] INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT) [P] PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE APPROVAL) [T] TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard A59289 F COUNTY NAME COUNTY NO. STATE SIGNATURE DATE ISSUED 5.20.98 Kimberly Maisto 5.20.99 EXP. DATE CO SIGNATURE 545 000 EAST GRID 789 000 NORTH GRID 50 55 57 63

APPROXIMATE DEPTH OF WELL 260 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST INCH

METHOD OF DRILLING (circle one)

- BORED (or Augered) JETTED Jetted & DRIVEN AIR-ROTary AIR-PERCussion ROTARY (Hydraulic Rotary) 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 [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

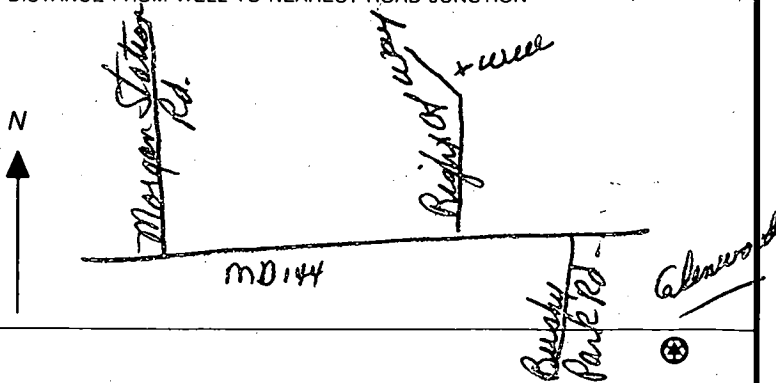
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER 1. Well 2. 3.

WRITE THE BOX NUMBER FROM THE MAP HERE

E 789 N 545

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION



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

APPROP. PERMIT NUMBER 54 G A P 63 FORCE KM WRITE INITIALS IN BOX PERMIT NO. HO-94-1549 70 71 72 73 74 75 76 77 78 79

SPECIAL CONDITIONS

NOTE APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

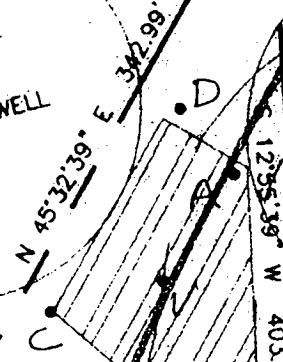
N 69°43'12" W 785.92'

89475 SQ. FT.  
0.2050 ACRES

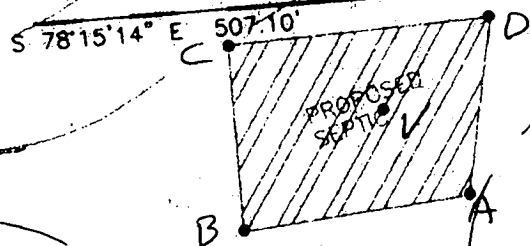
Parcel 6  
well sit ok  
as staked  
NOT INCLUDED  
(14m)

HOUSE

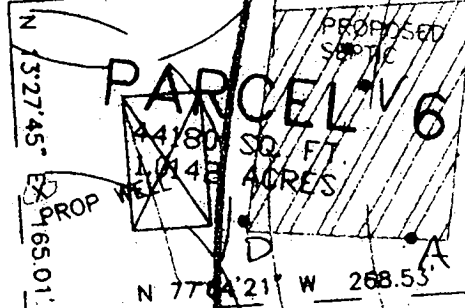
EX WELL



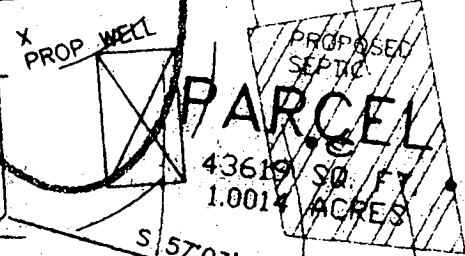
736.37 SQ. FT.  
1.69 ACRES  
PARCEL 5



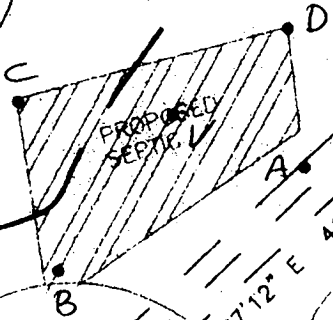
19 ACRES  
1429 SQ. FT.



441.80 SQ. FT.  
414.48 ACRES  
PARCEL 6



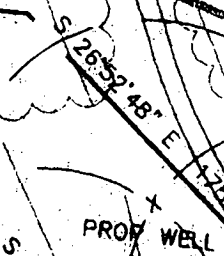
436.19 SQ. FT.  
1.0014 ACRES  
PARCEL 7



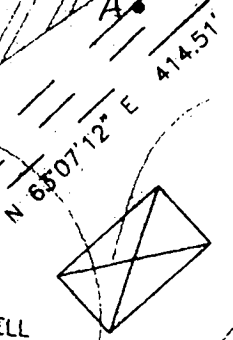
3,606 SQ. FT.  
0.0672 ACRES

PARCEL 8  
130680 SQ. FT.  
3.0000 ACRES

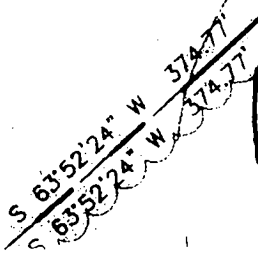
G1B2  
EKBZ



265.24' SQ. FT.



EX WELL



374.77' SQ. FT.  
63°52'24" W  
374.77'

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

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation   
 Replacement

Receipt # \_\_\_\_\_  
 Date \_\_\_\_\_

Name of Installer Willoughby Plumbing, Inc.  
 # 6992

Telephone 410-981-7051

License Number 6992  
 Certified Well Pump Installer \_\_\_\_\_ Well Driller \_\_\_\_\_ Registered Plumber

Name of Property Owner CROSEN HOMES, INC. Telephone 410-442-8262  
 Subdivision WOODS AT RIDGEMAN Lot # 4 Well Tag # 1099-15-49  
 Site Address 15006 FREDERICK RD  
WOODBINE, MD 21797

<b>PUMP</b>	<b>MOTOR</b>	<b>Pitless Adapter</b>
1. Type	1. Horsepower <u>1/2</u>	1. Make <u>HARVARD</u>
a. Deep well jet _____	2. RPM _____	2. Model # _____
b. Shallow well jet _____	3. Voltage _____	3. Depth <u>4 FT.</u>
c. Submersible <input checked="" type="checkbox"/>	a. 110 _____	
2. Make <u>TANALIZER</u>	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 <u>40 gal</u>	1. Type <u>CRESTLINE</u>	1. Depth <u>200</u> ft.
2. Pressure relief valve? <u>NO</u>	2. Size <u>1"</u>	2. Yield <u>20</u> GPM
	3. NSF and/or BOCA Code approved <u>YES</u>	3. Static water level <u>NO</u> ft.
	4. Depth of supply line <u>4 FT.</u>	4. Will water supply be disinfected by installer? _____

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: Chris Willoughby

Date: 8/3/99

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