

11/6
11/7/89 AM

05-404789

PERMIT

P 45181

SEWAGE DISPOSAL SYSTEM

A 37243

MARYLAND STATE DEPARTMENT OF HEALTH DISTRICT 5th

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

INDEXED

DATE 11/6/89

DATE SYSTEM APPROVED 11/7/89

INSPECTOR BAH

Jack Fyock

IS PERMITTED TO INSTALL ALTER

ADDRESS _____ PHONE 988-9270

SUBDIVISION Thistledown ROAD 7008 Woodscape Drive LOT 3

PROPERTY OWNER Wayne Greenfield

ADDRESS _____

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22%.

GARBAGE GRINDER? YES _____ NO

SEPTIC TANK CAPACITY 1500 GALLONS NUMBER OF BEDROOMS 5

TRENCHES - 180 sq. ft. per bedroom. Trench to be 3 feet wide. Inlet 3.5 feet below original grade. Bottom maximum depth 5.0 feet below original grade. Effective area begins at 3.5 feet below original grade. 1.5 feet of stone below distribution pipe.

LOCATION - Place the distribution box 125 feet from the front (284') lot line and 210 feet from the right (299') lot line as seen when facing the lot from Woodscape Drive. Run trenches on contour toward the right front lot corner.

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

CONTACT HEALTH DEPARTMENT FOR INSTALLATION IF SPECIFIED LOCATION CANNOT BE OBTAINED.

*INITIAL SYSTEM OK TO INSTALL 2' WIDE, 8 1/2" DGGP W/ 5' STONE C.W. 11/6/89

PLANS APPROVED BY Sid Abel DATE 1/09/87

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

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 TRENCHES ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCHES)

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 40 PVC OR ABS

PERMIT VOID AFTER TWO YEARS

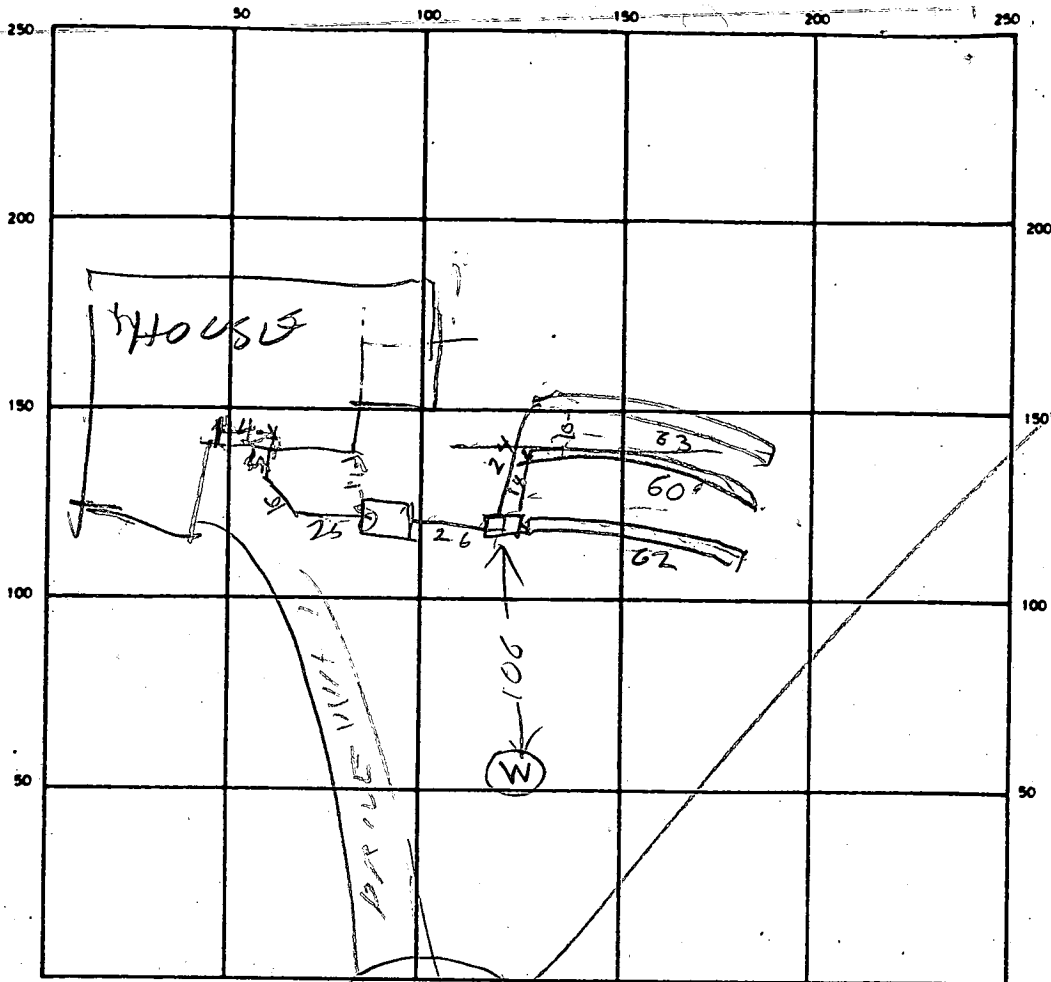
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

A
37243



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

27
7/3
7

SEPTIC TANK LEVEL 1500

CLEANOUTS ST OK 27
33

DISTRIBUTION BOX LEVEL OK

DRAIN FIELD/TILE FIELD DEPTH 5.5 FT. TRENCH WIDTH 2/2/2 FT. INLET DEPTH 3/3/3 FT.

EFFECTIVE GRAVEL DEPTH 9.4/8.5/8.5 FT. TOTAL LENGTH 62/60/63 FT.

NUMBER OF TRENCHES _____ ONE SIDEWALL/BOTTOM AREA _____ SQ. FT.

DRYWELL INSIDE DIAMETER _____ FT. EFFECTIVE DEPTH BELOW INLET _____ FT.

ABSORBENT AREA _____ SQ. FT.

REMARKS 11/6/89²⁴¹ TRENCH #3 FINISHED TRENCH #2 STARTED & SOME
STONE ADDED. TANK SET. LOCATION OK RH

11/6/89⁴¹¹ - TRENCH #2 & #3 FINISHED TANK CONNECTED
TO HOUSE R HODGES 11/7/89 - TRENCH #3 OK

DATE SYSTEM APPROVED 11/7/89

INSPECTOR Raymond Hodges

SUBDIVISION: THISTLEDOWN

LOT NUMBER: 3

DRY WELL OR DRY WELL AND TRENCH

	<u>Septic Tank</u>	<u>sq. ft./bedroom</u>	<u>Minimum Total square Feet</u>
3 bedroom	1000 gallon		
4 bedroom	1250 gallon		
5 bedroom	1500 gallon		

Inlet _____ feet below original grade.

Bottom maximum depth _____ feet below original grade.

Effective area begins at _____ feet below original grade.

NOTE: If trench is used to make up absorbent area, run the trench on level ground and leave a 5 foot earth buffer between dry well and trench. No trench is to exceed 100 feet in length. Trench inlet to be same as dry well, with _____ feet of stone below distribution pipe.

TRENCHES

180 sq. ft./bedroom

Trench to be 3 wide.

Inlet 3.5 feet below original grade.

Bottom maximum depth 5.0 feet below original grade.

Effective area begins at 3.5 feet below original grade.

1.5 feet of stone below distribution pipe.

- NOTE:
- (1) No trench to exceed 100 feet in length.
 - (2) If more than one trench used, a distribution box is required.
 - (3) Trenches to be installed on level ground.
 - (4) Call for inspection of trench before gravel is installed.
 - (5) Provide 6"-8" diameter cleanout and cap to grade or above on septic tank and drywell.
 - (6) If a Garbage disposal is used, increase septic tank capacity by 50% and increase absorbant sidewall area by 22%.

LOCATION: PLACE THE DISTRIBUTION BOX 125 FE FROM THE FRONT (284') LOT
LINE AND 210 FE FROM THE RIGHT (299') LOT LINE AS SEEN WHEN
FACING THE LOT FROM WOODSCAPE DR. RUN TRENCHES ON CONTOUR
WARD THE RIGHT FRONT LOT CORNER, 1-9-87 SID. ABEL

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 37243
P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES
P. O. BOX 473 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 992-2330

DISTRICT _____
DATE 4/25/86

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 Estate of Grace E. Jager Wayne Greenfield
c/o Tom Lloyd
ADDRESS Lloyd, Kane and Wieder 2716 Court Place PHONE _____
Ellicott City, Maryland 21043

PROPERTY LOCATION:

SUBDIVISION Thistledown LOT NO. 3 on Prelim.
ROAD AND DESCRIPTION South Guilford Road between Hall Shop and Pindell School Road.
7008 Woodscope Dr.

SIZE OF LOT 3.0 ac. TYPE BLDG. Residential
(NUMBER OF BEDROOMS)

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.

Shelton T. Fulcher
(SIGNATURE OF APPLICANT)

APPROVED BY Sidney Abel FOR Shelton T. Fulcher DATE 1-9-87

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 7/14/86 Perc Satisfactory; Hold for subdivision Plat; Shallow Syst. only S. Abel

BUDG. PERMIT SIGNED
AND RETURNED 6-8-87

BP 26753 814

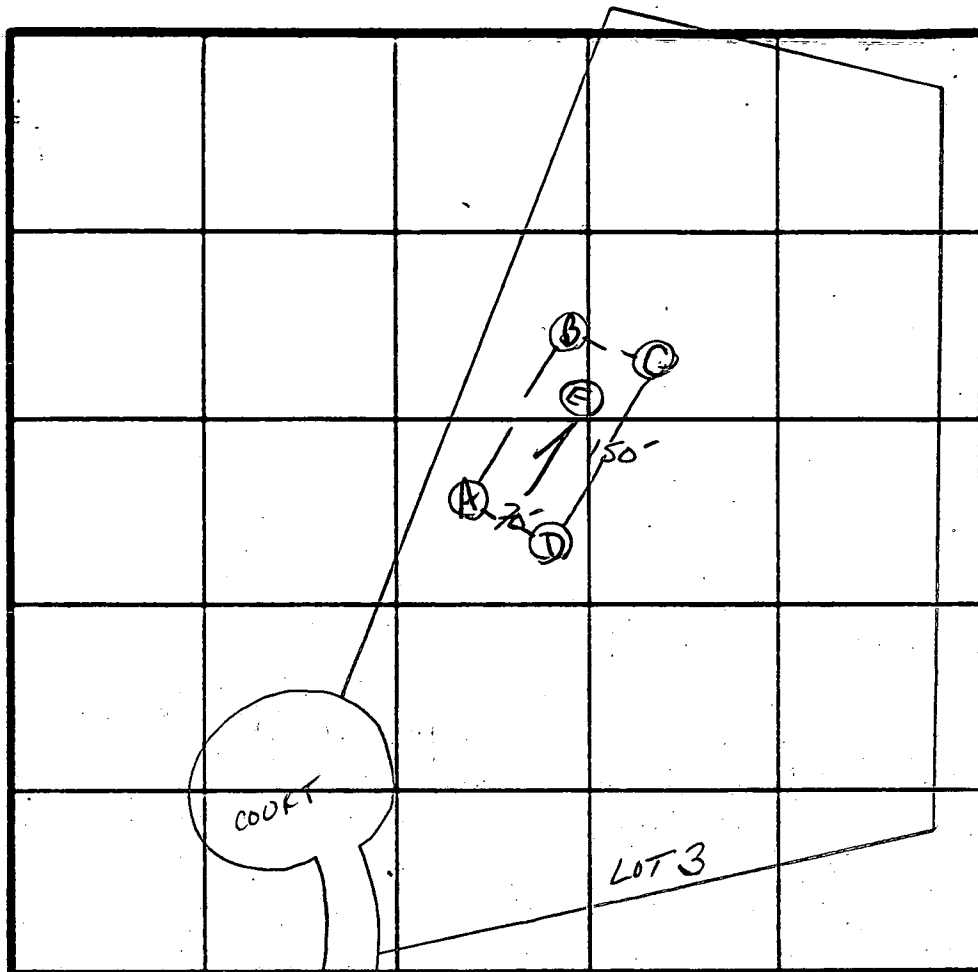
THIS IS NOT A PERMIT

Ⓐ
Ⓑ Ⓒ Ⓓ

SOIL PROFILE

0"
10"
4"
13"

AP
RED BROWN
SILT LOAM
99% CLAY
<10%
FRAGMENTS
RED BROWN
(PINKISH)
SILT LOAM
Slightly
MOTTLED
MICACEOUS
<10%
COARSE
FRAGMENTS



7 Perc
6 min
180 #/BR
INLET 3.5'
BOTTOM 5.0'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Rt 32

Ⓓ

4"
4.5"
13"

A1-3
STRONG BROWN
SILTY SAND
LOAM 12%
CLAY; <10%
FRAGMENTS
YELLOW BR
SAND LOAM
Slightly
MICACEOUS
10% FRAGMENTS

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
7/14/86	A V	4" 13"	12:08	12:16	12:16	12:27	11 min
	B V	4.5" 13"	11:47	11:49	11:49	11:54	5 min
	C S M	4" 9"	11:48 11:56	11:50 11:59	11:50 11:59	11:53 12:04	3 min 5 min
	C V	13"	Uniform soil Comp below 4"				
	D V	5" 13"	12:07	12:09	12:09	12:12	3 min
	E V	13"	Uniform soil Comp below 4"				

REMARKS HALES PER PLAT

TYPE OF SOIL Glenely SILT LOAM

TESTED BY S. Abel ALSO PRESENT _____

EP-12 10/9

Same, Mark, Randy Allen

8/10/89
10 AM

APPLICATION

PERCOLATION TESTING

A _____

P _____

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

DISTRICT _____

DATE _____

PROPOSED MODIFICATION TO
SEWAGE DISPOSAL EASEMENT TO

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

PLACE SEPTIC LOWER ON LOT, IMPROVE DRIVEWAY ACCESS.
EXISTING PERC HOLES DON'T MATCH RECORDED SEWAGE EASEMENT
HEALTH DEPT. DESIGNS TESTING - NO FEE ENR2660

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

6/21/89
C. Walker

PROPERTY OWNER WAYNE GREENFIELD

ADDRESS 7549 RED CRAWF CT PHONE 995-6753

PROSPECTIVE BUYER SAME

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION THISTLEDOWN LOT NO. 3

ROAD AND DESCRIPTION WOODSCAPE DRIVE

TAX MAP 41 PARCEL # 276

SIZE OF LOT 3.6 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.

Wayne M. Greenfield
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 8-10-89 NO SHOW ON PERC TEST. S. Walker

HD-216

THIS IS NOT A PERMIT

SOIL PROFILE

0

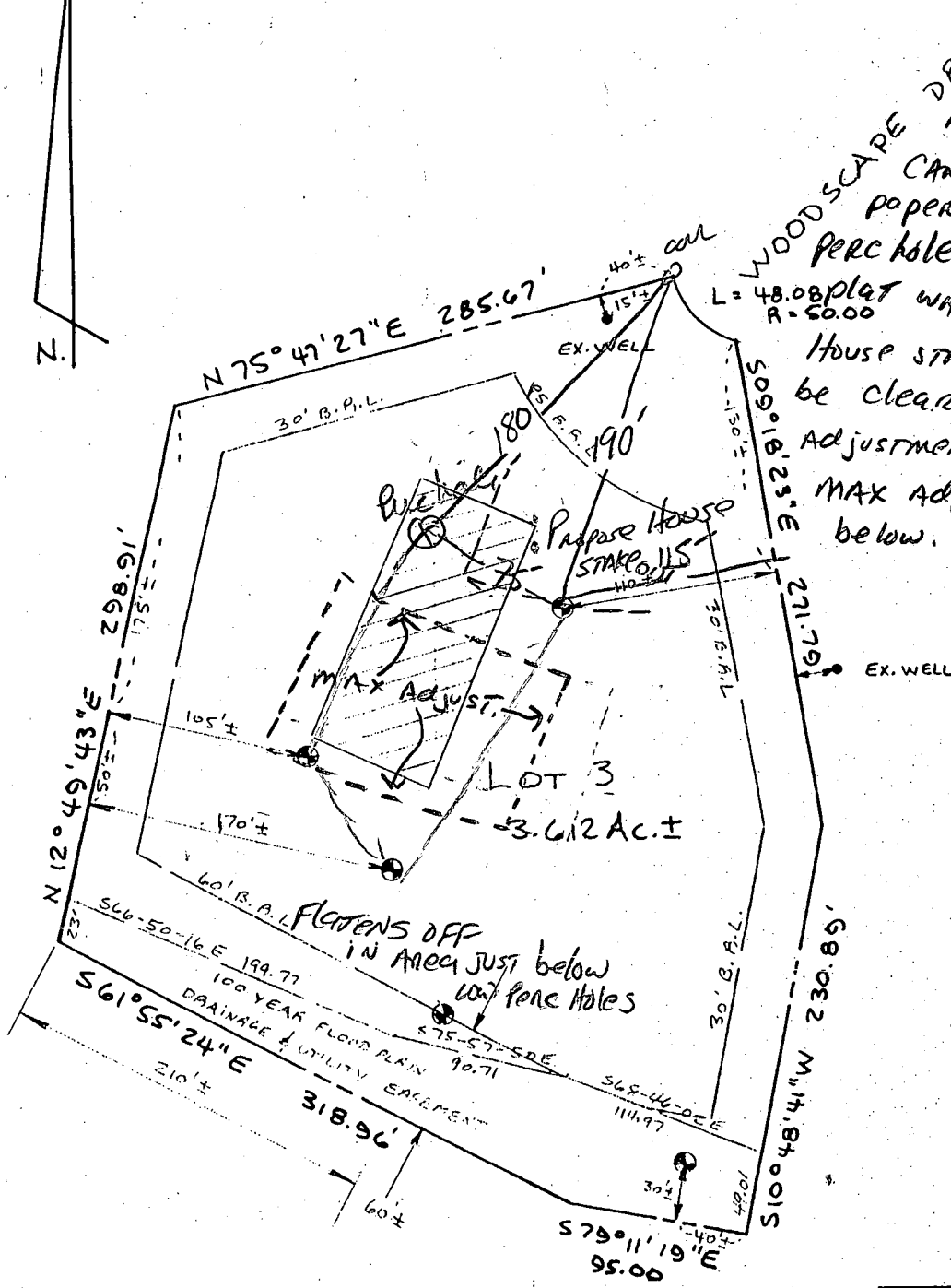
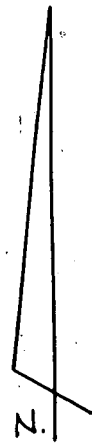
INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	

REMARKS _____

TYPE OF SOIL _____

TESTED BY _____ ALSO PRESENT _____

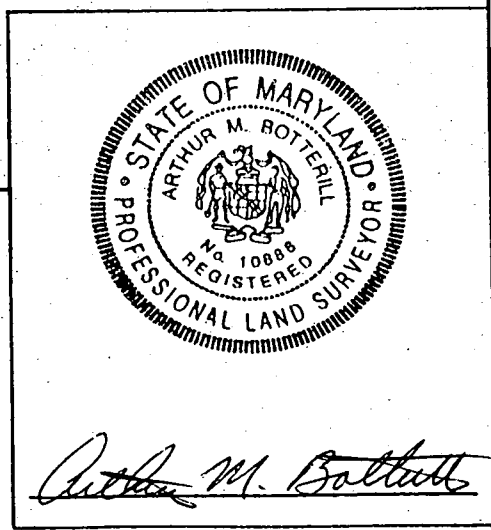


WOODSCAPE DRIVE 8/10/89
 Adjustment in SDA CAN be made ON paper w/o RETEST. ONE perc hole NOT shown on THIS plat WAS located. AREA OF House STAKEOUT MUST FIRST be clearly shown before Adjustment can be made MAX Adjustment shown below. KEEP trench depths same SAME

LEGEND:

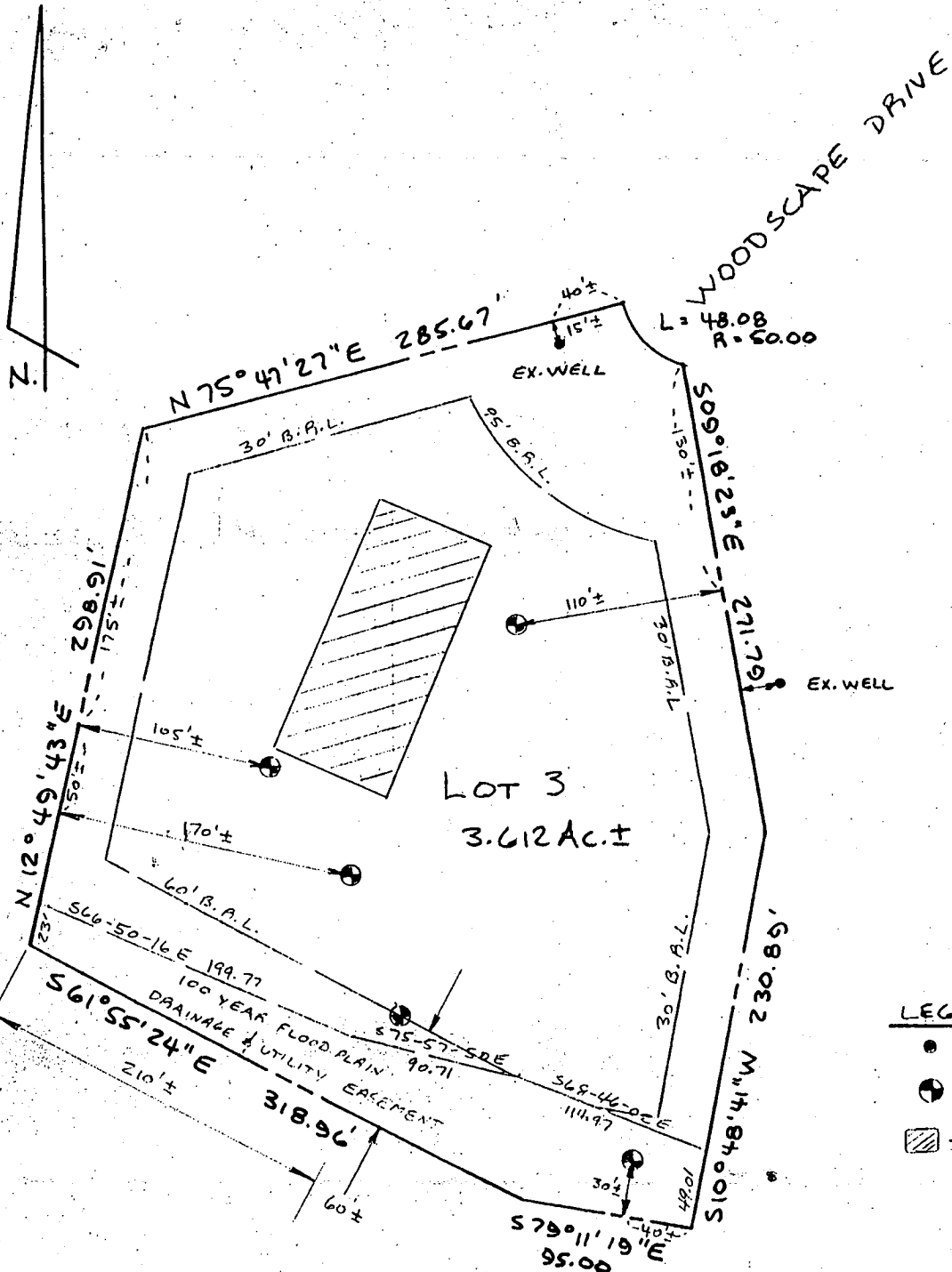
- - EX. WELL
- ⊙ - EX. PERC HOLES
- ▨ - RECORD PLAT
- ▩ - SEPTIC AREA

PLAT SHOWING THE LOCATION OF WELLS, PERC TESTS, AND PLATTED SEPTIC AREA OF LOT NO. 3 OF "THISTLEDOWN." HOWARD CO. RECORD PLAT 7255
 DATE: 6-14-89 SCALE: 1" = 100' TAX MAP 41 PARCEL 276



PREPARED BY:
 ARTHUR M. BOTTERILL
 3601 DEWBERRY CIRCLE
 WESTMINSTER, MD. 21157
 (301) 549-6762
 5TH. ELEC. DIST.

Arthur M. Botterill



- LEGEND:**
- - EX. WELL
 - ⊙ - EX. PERC HOLES
 - ▨ - RECORD PLAT SEPTIC AREA

PLAT SHOWING THE LOCATION
 OF WELLS, PERC TESTS, AND
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Arthur M. Botterill

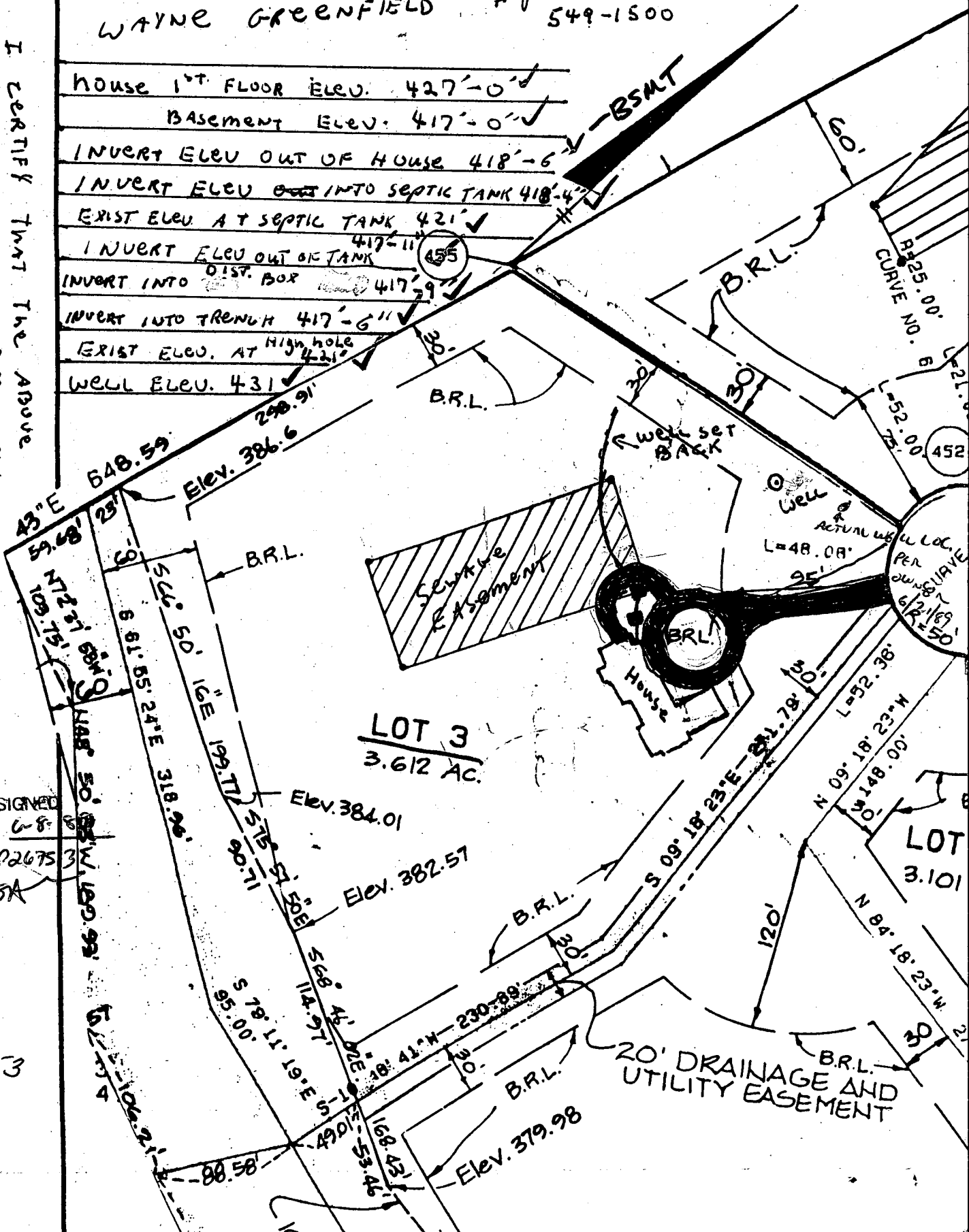
PREPARED BY:
 ARTHUR M. BOTTERILL
 3601 DEWBERRY CIRCLE
 WESTMINSTER, MD. 21157
 (301) 549-6762
 5TH. ELEC. DIST.

THISTLEDOWN
 700 P WOODSAGE DRIVE
 CLARKSVILLE MD 21029

WAYNE GREENFIELD # phone 549-1500

- HOUSE 1ST FLOOR ELEV. 427'-0"
- BASEMENT ELEV. 417'-0"
- INVERT ELEV OUT OF HOUSE 418'-6"
- INVERT ELEV INTO SEPTIC TANK 418'-4"
- EXIST ELEV AT SEPTIC TANK 421'
- INVERT ELEV OUT OF TANK 417'-11" (455)
- INVERT INTO 0^{1ST} BOX 417'-9"
- INVERT INTO TRENCH 417'-6"
- EXIST ELEV. AT High hole 421'
- WELL ELEV. 431'

I CERTIFY THAT THE ABOVE MEASUREMENTS AND ELEVATIONS ARE ACTUAL + CORRECT FOR THIS PROPERTY.
 Wayne Greenfield 6/6/19



BLDG. PERMIT SIGNED AND RETURNED 6-8-19

BP26753 SA

BP-26753

B 1 5507 SEQUENCE NO. (OEP 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

OEP PERMIT NUMBER HC-81-2224 fill in this form completely

Date Received OWNER INFORMATION SHUCKEY RICHARD 15824 NORSET RD LAUREL MD 20707

B 3 LOCATION OF WELL HOWARD TALISTOG TOWN CLEARSVILLE MILES FROM TOWN 2 MI

DRILLER INFORMATION George F. Easterday L. Franklin Easterday, Inc. 9265 Br. Ch. Rd., Mt. Airy, Md. 21771

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX) WOODSPOPE RD ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) DISTANCE FROM ROAD 90 FT

B 2 WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN.) 5 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL COUNTY NAME HOWARD COUNTY NO. A37243 DATE ISSUED 08/10/87

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 HEALTH DEPARTMENT APPROVAL) TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

APPROXIMATE DEPTH OF WELL 200 FEET

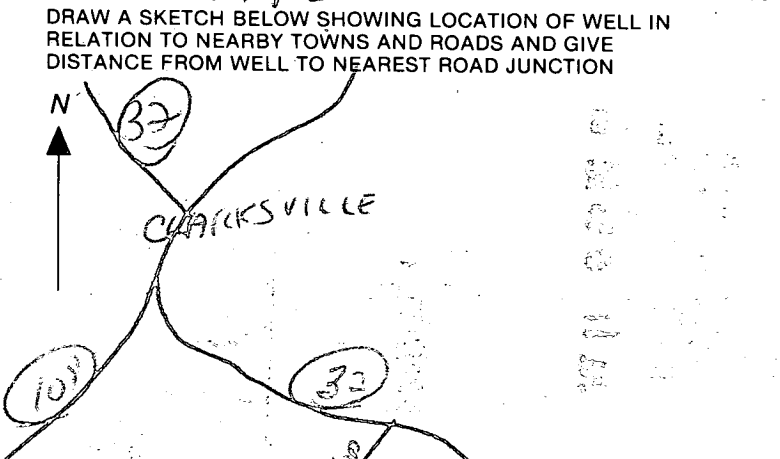
APPROXIMATE DIAMETER OF WELL 6 INCH

METHOD OF DRILLING (circle one) BORED (or Augered) JETTED Jettied & DRIVEN AIR-ROTary AIR-Percussion ROTARY (Hydraulic Rotary) CABLE REVERSE-ROTary Drive-POINT other

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 THIS WELL WILL DEEPEN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)

Not to be filled in by driller (OEP USE ONLY) APPROP. PERMIT NUMBER GAP FORCE INITIALS IN BOX PERMIT NO. HC-81-2224

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X SOURCES OF DRILLING WATER 1. WELL WRITE THE BOX NUMBER FROM THE MAP HERE 8203 4901



RECEIVED
HOWARD COUNTY
HEALTH DEPT.
ELICOTT CITY, MD.

JUL 17 8 56 AM '87

RECEIVED
HOWARD COUNTY
HEALTH DEPT.
JUL 20 11 22 AM '87
DIVISION OF
ENVIRONMENTAL
HEALTH

location as per adjusted

50' open

90' casing

45 bags

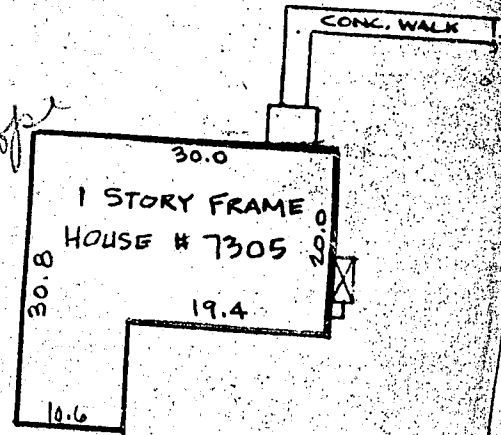
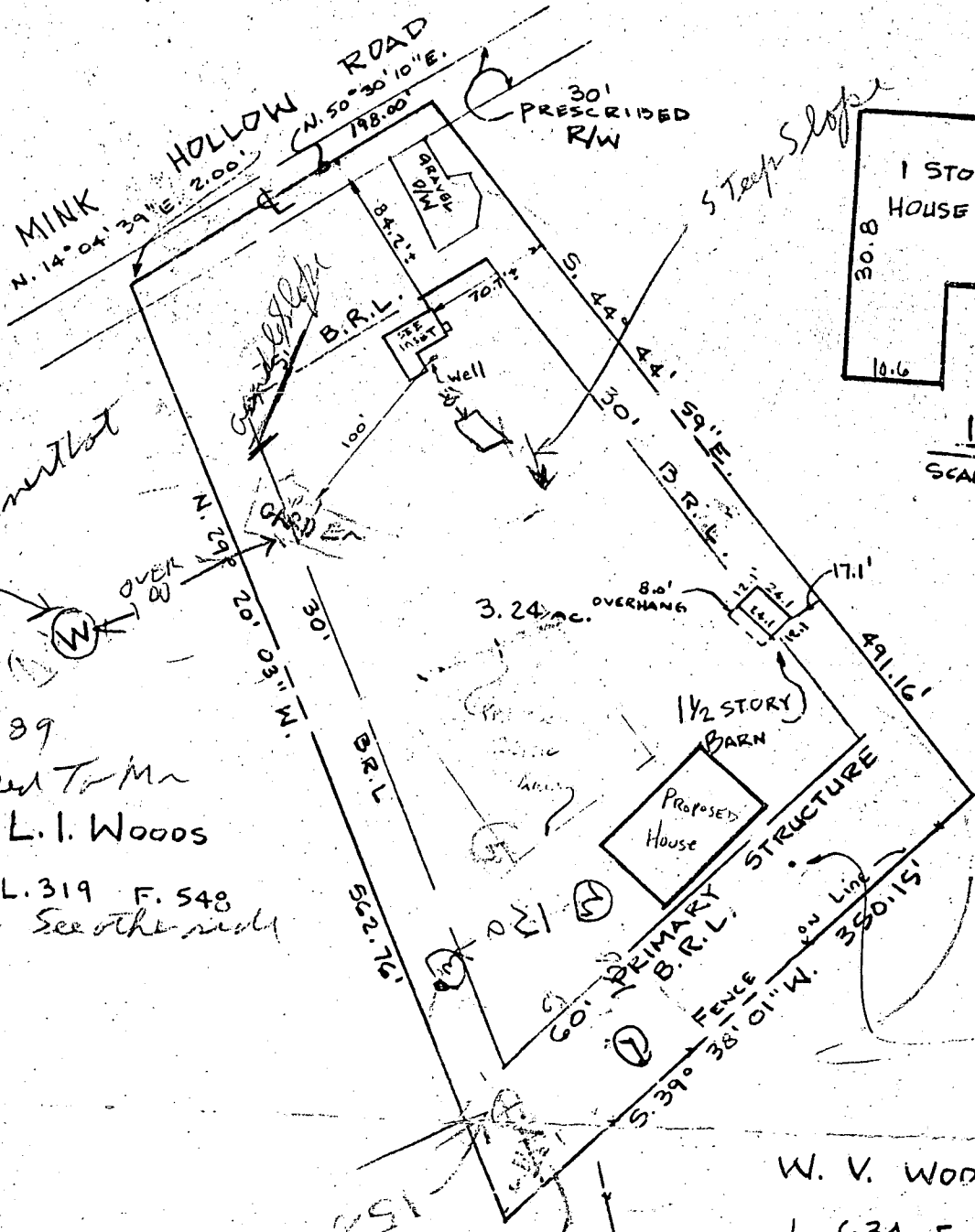
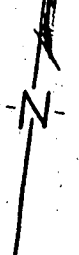
Approx 25 bags
cement added.

Everything coming up "foamy" (possibly residual
drilling foam). Doesn't appear cement
will harden properly.

shoveled in drilled shavings to reduce
foam & then added 14-19 more bags

1-2 bags for dry hole (14' deep)

HOUSE LOCATION SURVEY
 # 7305 MINK HOLLOW ROAD
 CLARKSVILLE (5TH) ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 SCALE = 1" = 100'
 APRIL, 1986



INSET
 SCALE: 1" = 20'

well on plot
 OVER 00
 7/12/89
 Talked to Mr
 L. I. Woods
 L. 319 F. 548
 Brown See other side

Public well sites

W. V. WOODS
 L. 634 F. 426

8/31/87

location as per
adjusted site

1 casing

50+ open

bags cement

1 dry hole

mm
 8-31-87
 8:00

FIELD DATA SHEET
 HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 81-2224
 Location of property (road) WOODSCAPE DRIVE
 Subdivision THISTLE DOWN Lot 3 Block _____ Plat _____ Sec. _____
 Well Driller GEORGE EASTERDAY Owner SHOCKEY, RICHARD

Depth of well 400 26 PM
 Distance of measuring point (M.P.) above ground 2 ft
 Static water level (S.W.L.) below M.P. 40 ft

I. High rate pumping -- reservoir drawdown

Time pump started 2:15 Pumping rate 12 gpm
 Total time 30 min to reach pumping water level 95 ft. below M.P.

II. Recovery pump test data - observations to be recorded every 15 minutes

TIME (in 15 minute intervals)	WATER LEVEL below M.P.	PUMPING RATE time to fill 5 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
2:45	95'	20 sec	N/A	3 gpm
3:00	95'	20	pump at 310' R. Hanan	3
3:15	93'	20		3
3:30	95'	20		3
3:45	93'	20		3
4:00	93'	20		3
4:15	95'	20		3
4:30	95'	20		3
4:45	95'	20		3
5:00	95'	20		3
5:15	95'	20		3
5:30	95'	20		3
5:45	95'	20		3
6:00	95'	20		3
6:15	94'	20		3
6:30	95'	20		3
6:45	94'	20		3
7:00	95'	20		3
7:15	95'	20		3
7:30	95'	20		3
7:45	95'	20		3
8:00	95'	20		3
8:15	95'	20		3
8:30	95'	20		3
8:45	95'	20		3