

03-310663

7

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

INDEXED

P 39405

A 35631

DISTRICT 3rd

DATE 5/27/87

DATE SYSTEM APPROVED 5/26/87

INSPECTOR RH

Jack Fyock

IS PERMITTED TO INSTALL X ALTER

ADDRESS _____ PHONE 988-9270

SUBDIVISION Hilltop Farms ROAD Sykesville Road 3126 Route 32 LOT 2

PROPERTY OWNER Henry D & Gillie Harrell Erik Lilhehoj

ADDRESS _____

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

GARBAGE GRINDER? YES _____ NO /

NO GRINDER PER SKIP

SEPTIC TANK CAPACITY 1000 ~~1500~~ GALLONS NUMBER OF BEDROOMS 3 ~~Without Garbage disposal~~ 3 With Garbage disposal

TRENCHES - 158 sq. ft. per bedroom without garbage disposal. With garbage disposal--200 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 7 feet below original grade. Effective area begins at 3 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Start the first trench 200 feet from the rear lot line and 90 feet from the right lot line as seen when facing the property from Route 32. Run trench(s) along contour toward left side of property.

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

PLANS APPROVED BY C. Williams DATE 7/29/86

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 TRENCH(IES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(IES).

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.

BLDG. PERMIT SIGNED AND RETURNED 4/25/91
Serial # 37528 - Addition

BLDG. PERMIT SIGNED AND RETURNED 4/28/87
Serial # 18093 - 200 gallon

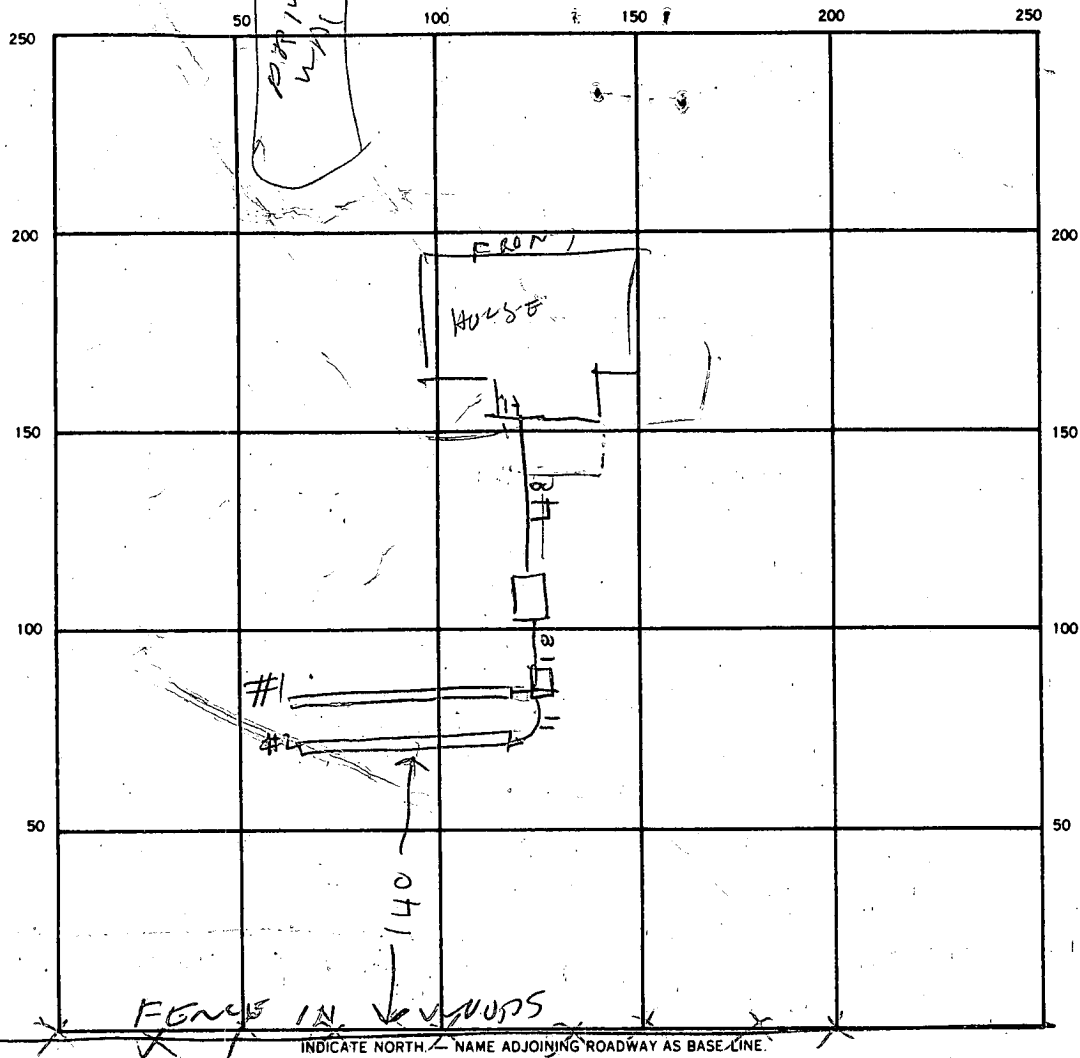
BLDG. PERMIT SIGNED AND RETURNED 4/8/93
Serial # 49052 - 200 gallon

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

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1186

A 35631



SEPTIC TANK LEVEL OK 1500 Kootz tank CLEANOUTS OK

DISTRIBUTION BOX LEVEL _____

DRAIN FIELD/TILE FIELD. DEPTH

#1	#2
7	

 FT. TRENCH WIDTH

#1	#2
2	2

 FT. INLET DEPTH _____ FT.

EFFECTIVE GRAVEL DEPTH

#1	#2
4	4

 FT. TOTAL LENGTH

#1	#2	TOTAL
75	75	150

 FT.

NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 600 TOTAL SQ. FT.

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

ABSORBENT AREA _____ SQ. FT.

REMARKS 5/26/87 LOCATION OK PER PLAN

5/26/97 - TRENCH OK ADD STONE

5/26/97 - STONE ADDED & JOB FINISHED

DATE SYSTEM APPROVED 5/26/97 INSPECTOR Raymond Hoyer

HILLTOP FARMS
Route 32

A 35631

SUBDIVISION:

LOT NUMBER: 2

DRY WELL OR DRY WELL AND TRENCH

_____ sq. ft./bedroom

	<u>Septic Tank</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.

WITH GARBAGE
DISP

TRENCHES

~~158~~ sq. ft./bedroom
200
3BR
1500 GAL

Trench to be 2 wide.

Inlet 3 feet below original grade.

Bottom maximum depth 7 feet below original grade.

Effective area begins at 3 feet below original grade.

4 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: START THE FIRST TRENCH 200' FROM
THE REAR LOT LINE AND 90' FROM THE RIGHT
LOT LINE AS SEEN WHEN FACING THE PROPERTY
FROM ROUTE 32. RUN TRENCH(S) ALONG CONTOUR
TOWARD LEFT SIDE OF PROPERTY. 7/29/86 CW/llan

~~8/27/86 RE REVIEW SPECS PRIOR TO SEPTIC PERMIT.~~
~~± 10' DISCREPANCY FROM PERE RECORDS~~

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 35631

P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

P. O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 992-2330

DISTRICT 3 RD.

DATE JUNE 3, 1985

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 Leroy C. Burdram, Jr. c/o Clare Kane Henry D. + Gillie Harrell

ADDRESS 6605 Hillview Drive PHONE 997-8122

PROPERTY LOCATION:

SUBDIVISION Burdram Property - Hill Top Farms LOT NO. 2

ROAD AND DESCRIPTION Maryland Route 32, adjacent to Rosemary Lane.
3126 Route 32

SIZE OF LOT 5.50 Acres TYPE BLDG. 3
(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.

Dennis M. Rudy
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 6-18-85, Hold for (permitted hole location, House + well site) SAME

EXISTING TRAILER & W6CC - CW

BLDG PERMIT SIGNED
AND RETURNED 9/19/86

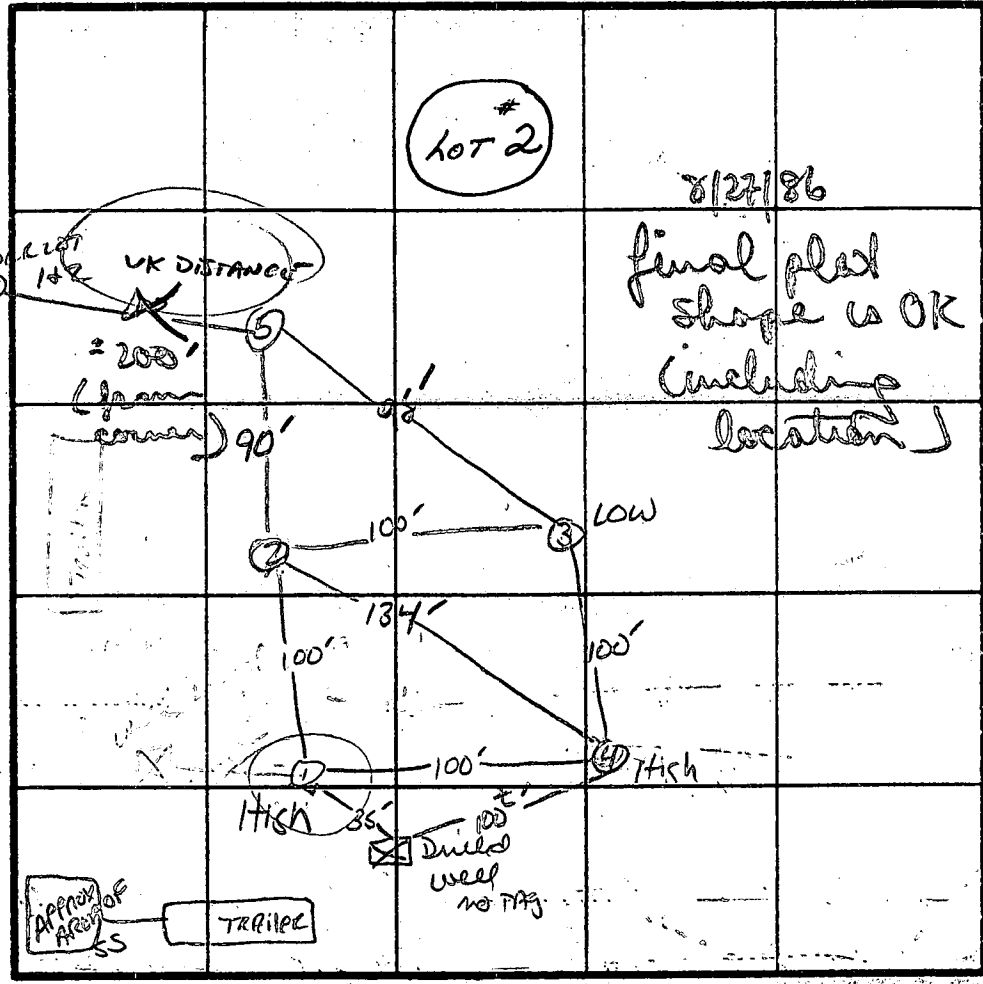
Serial # 72765 SFD

THIS IS NOT A PERMIT

lot #2

8/27/86

final plat
slope is OK
including
location



(4)
AP
RED/PINK
CLAY LOAM
10-20%
SAPROXITE
RED/PINK
SAND LOAM
MICROODS
20-30%
SAPROXITE

X PERC 3 MIN
INLET 3"
BOTTOM 7"
158#/BR

(1)
SOIL PROFILE
9"
AP
Yellow Brown
CLAY LOAM
10%
SAPROXITE
3'
Yellow Br.
MICROODS
SAND LOAM
10%
SAPROXITE
12.5'

(2) (5)
9"
AP
Yellow Red
CLAY LOAM
10%
SAPROXITE
2'
Yellow Red
SAND
LOAM
10%
SAPROXITE
12.5'

(3)
9"
AP
Yellow Red
CLAY LOAM
10%
SAPROXITE
3'
Yellow Br.
SAND
LOAM
10%
SAPROXITE
12'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.
RT 32

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
6/18/85	1 ✓	3.5' 12.5'	10:31	10:32	10:32	10:34	2min	
			UNIFORM SOIL STRUCTURE BELOW					
	2 ✓	2' 12'	10:43	10:44	10:44	10:45	1min	
			UNIFORM SOIL STRUCTURE BELOW					
	3 ✓	3.5' 17'	10:44	10:45	10:45	10:48	3min	
			UNIFORM SOIL STRUCTURE BELOW					
	4 ✓	11.5'	HARD BOTTOM see profile					
	5 ✓	3.5' 12'	11:54	11:55:30	11:55:30	11:59	3.5min	
			UNIFORM SOIL STRUCTURE BELOW					

X NOT USED?

EH-12-1079

NOT APPLICABLE
TO FINAL
PLAT
PERC LOCATION

REMARKS: 10.15 DIFFERENT THAN PLAT - ENGINEER LAYOUT INCORRECT

TYPE OF SOIL TESTED BY: SABA

ALSO PRESENT: SKP

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

Howard County Health Department
 Bureau of Environmental Health
 3525-H Ellicott Mills Drive
 Court House Square
 Ellicott City, Md. 21043
 461-9933

35631

New Installation V
 Replacement

Receipt # 39353
 Date 5-18-87

Name of Installer George Baker

Telephone 788-3080

License number 2214
 Certified Well Pump Installer Well Driller Registered Plumber ✓

Name of Property Owner Henry Harrell Telephone
 Subdivision Hill Top Farms Lot # 2 Well tag # HO 81-1650
 Site Address 3126 Rt. 32
 West Friendship MD 21794

<p>Pump</p> <p>1. Type a. Deep well jet <u> </u> b. Shallow well jet <u> </u> c. Submersible <u> </u></p> <p>2. Make <u> </u></p> <p>3. Model # <u> </u></p> <p>4. Capacity <u> </u> GPM</p> <p>5. Pump exceeds well capacity Yes <u> </u> No <u> </u></p> <p>6. If Yes, is low pressure cutoff switch installed? Yes <u> </u> No <u> </u></p> <p>7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors <u> </u> Cable guards <u> </u> Other <u> </u></p>	<p>Motor</p> <p>1. Horsepower <u> </u></p> <p>2. RPM <u> </u></p> <p>3. Voltage <u> </u> a. 110 <u> </u> b. 220 <u> </u></p>	<p>Pitless Adapter</p> <p>1. Make <u> </u></p> <p>2. Model # <u> </u></p> <p>3. Depth <u> </u></p>
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<p>Tank</p> <p>1. Capacity <u> </u></p> <p>2. Pressure relief valve? <u> </u></p>	<p>Piping</p> <p>1. Type <u> </u></p> <p>2. Size <u> </u></p> <p>3. NSF and/or BOCA Code approved <u> </u></p> <p>4. Depth of supply line <u> </u></p>	<p>Well data</p> <p>1. Depth <u> </u> ft.</p> <p>2. Yield <u> </u> GPM</p> <p>3. Static water level <u> </u> ft.</p> <p>4. Will water supply be disinfected by installer? <u> </u></p>
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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: George Baker

Date: 5-18-87

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

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

Howard County Health Department
Bureau of Environmental Health
3525-H Ellicott Mills Drive
Court House Square
Ellicott City, Md. 21043
461-9933

INDICATED HAS PERMIT

New Installation _____
Replacement _____

Receipt # _____
Date _____

Name of Installer PIPE-RITE

Telephone 788-3080

License number AA 895
Certified Well Pump Installer _____ Well Driller _____ Registered Plumber _____

Name of Property Owner Henry & Gillie Harrell Telephone _____
Subdivision Hilltop Farms Lot # 2 Well tag # HD-81-1650
Site Address 3126 Route 32

Pump	Motor	Pitless Adapter
1. Type a. Deep well jet _____ b. Shallow well jet _____ c. Submersible _____	1. Horsepower _____ 2. RPM _____ 3. Voltage _____ a. 110 _____ b. 220 _____	1. Make _____ 2. Model # _____ 3. Depth _____
2. Make _____		
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 _____		

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

5/28/87

PITLESS SUPPLY LINE 3' B.I.G. C.W.

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

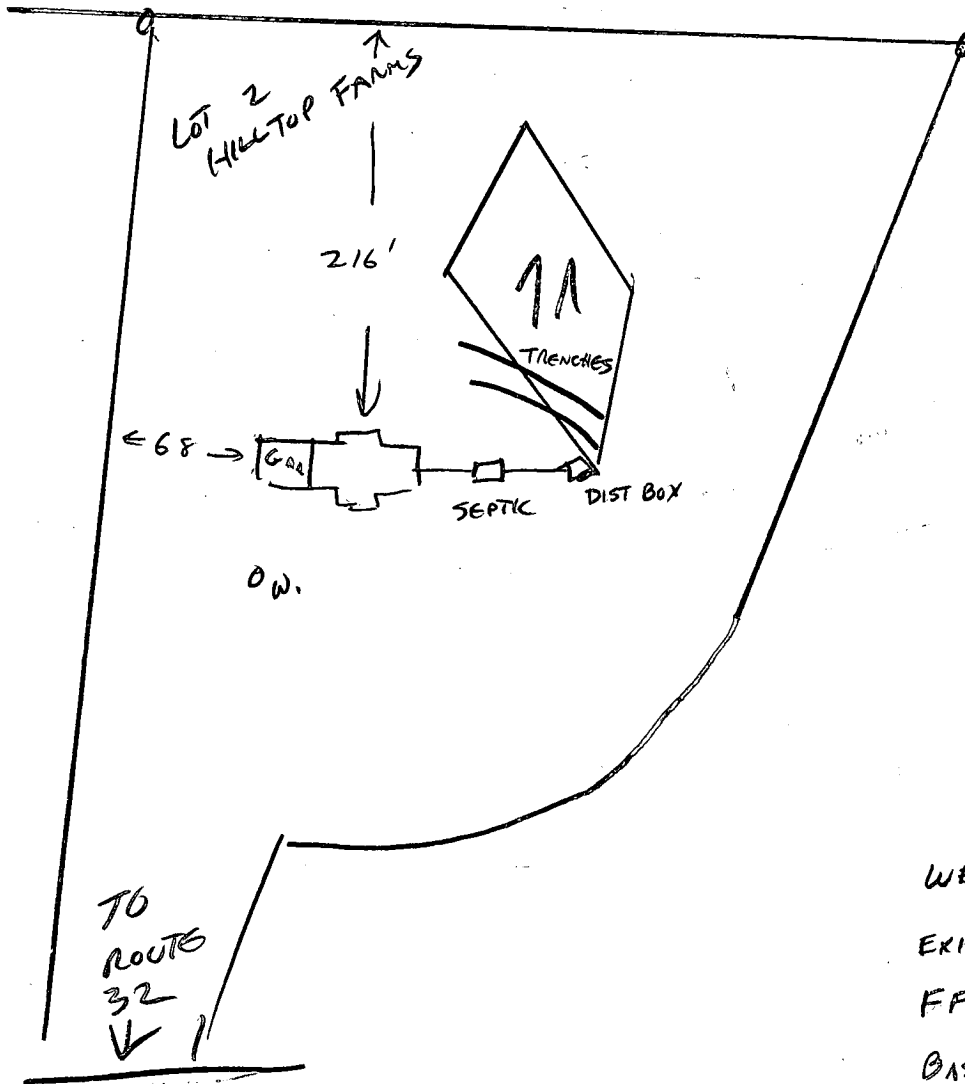
All information given above is true to the best of my knowledge.

Signature of Applicant: _____

Date: _____

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

BP 72763



104	158	
424	<u>3</u>	
578	474	150
	22	4
	<u>954</u>	
	954	
	104.9	9

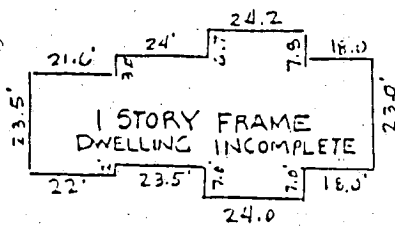
- WELL ELEV. 108
- EXIST GR AT HOUSE 106
- FF ELEV 107
- BASMENT ELEV. 98
- HOUSE INVERT 102
- EXISTING GRADE AT TANK 104.5
- TANK INLET 101.5
- TANK OUTLET 101.2
- EXIST GRADE AT TRENCH 100
- INLET TO TRENCH 97

I CERTIFY THAT THESE ELEVATIONS
ARE ACTUAL & CORRECT TO THE
BEST OF MY KNOWLEDGE.

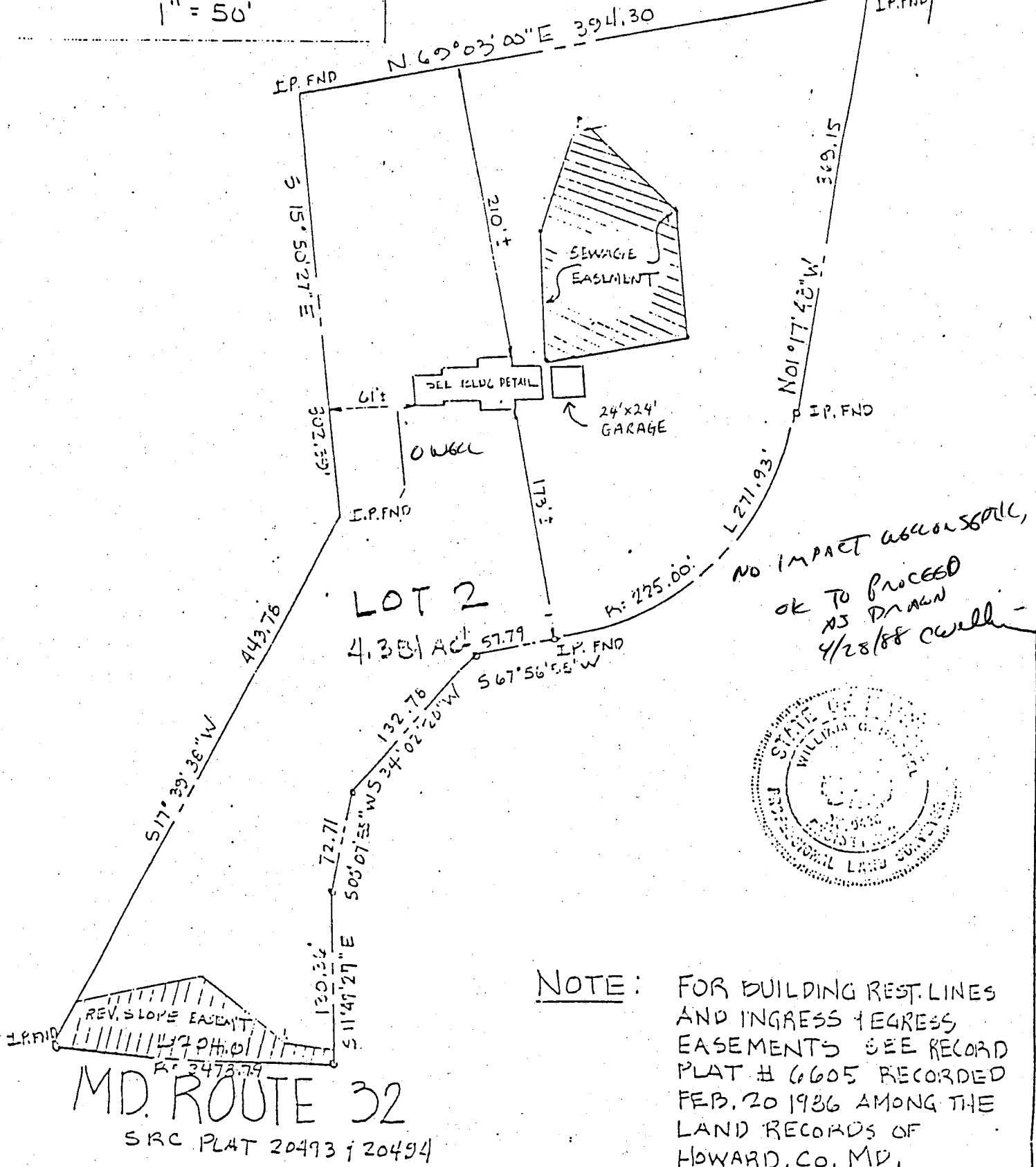
Henry D Harrell

Elevation OK

9/19/88 CWL



BUILDING DETAIL
1" = 50'



NOTE: FOR BUILDING REST. LINES AND INGRESS EGRESS EASEMENTS SEE RECORD PLAT # 6605 RECORDED FEB. 20 1936 AMONG THE LAND RECORDS OF HOWARD, CO. MD.

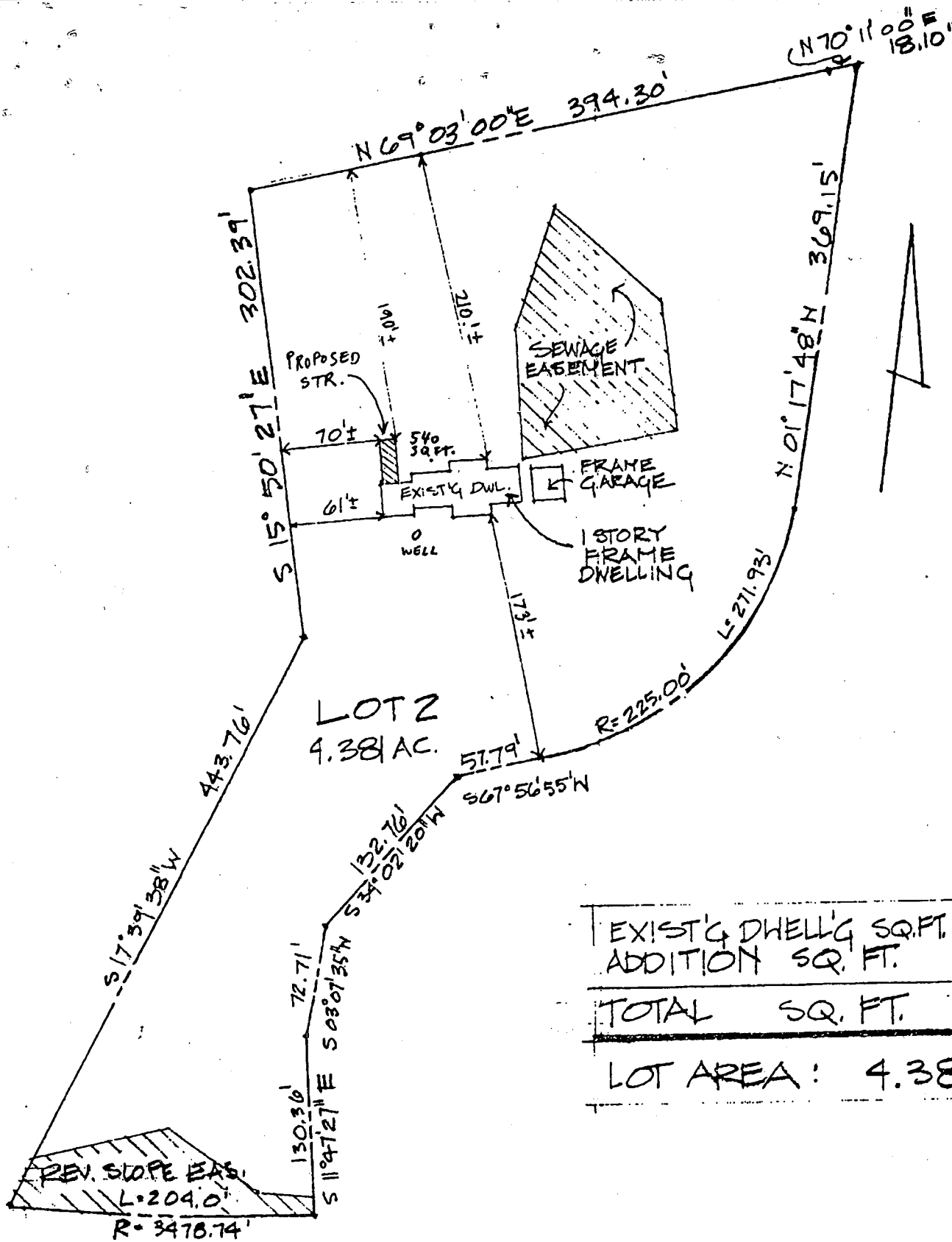
MD. ROUTE 32
SRC PLAT 20493 & 20494

TITLE LOCATION SURVEY				
PROJECT LOT 2 HILLTOP FARM				
LOCATION 3rd ELECTION DISTRICT, HOWARD CO., MD.				
FIELD BOOK —	PAGE NO. —	DRAWN BY: J	CHECKED BY DH	DATE: JAN 17, 87
SCALE: 1" = 100'		JOB NO.: 85145		

THIS IS TO CERTIFY THAT WE HAVE CONDUCTED A LOCATION SURVEY OF THE IMPROVEMENTS AND THAT THEY ARE LOCATED AS SHOWN HEREON.
William H. Boender
SIGNATURE
REG. NO. **9436** DATE **1-19-87**

boender associates
inc.
consulting engineers
land surveyors
land planners
COURT HOUSE SQUARE • ELLICOTT CITY, MD. 21043
(301) 465-7777

THE INFORMATION ON THIS PLAT SHOWS ONLY THAT THE IMPROVEMENTS INDICATED HEREON ARE CONTAINED WITHIN THE CONFINES OF THE LOT UPON WHICH THEY ARE ERECTED. THIS PLAT IS NOT TO BE CONSTRUED AS, OR USED FOR THE ESTABLISHMENT OF PROPERTY LINES.



ADDITION TO LILLEHOJ RESIDENCE	PLAT # 6605 HOWARD CO.
3126 RT. 32 LOT 2 HILLTOP FARM	1" = 100'-0"

B 1 5218

SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

OEP PERMIT NUMBER

HO-81-1040

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

please print or type

fill in this form completely

Date Received

8 13

OWNER INFORMATION

15 Last Name 21 Owner 27 First Name 34

36 Street or RFD 55

57 Town 70 State 72 Zip 76

DRILLER INFORMATION

Driller's Name 77 License No. 80

Firm Name

Address

Signature Date

B 3

LOCATION OF WELL

8 COUNTY 21

23 SUBDIVISION 42

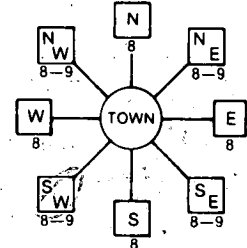
SECTION 44 46 LOT 48 50

52 NEAREST TOWN 71

MILES FROM TOWN (enter 0 if in town) 73 76 77 78

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



11 NEAR WHAT ROAD 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



34 37 DISTANCE FROM ROAD

ENTER FT or MI 38 39

B 2

WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 8 12

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 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 HEALTH DEPARTMENT APPROVAL)
T TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

COUNTY NAME: HOWARD COUNTY NO. A-25631

OEP SIGNATURE: R. Nelson STATE HEALTH INSERT S

DATE ISSUED: 082786 GO SIGNATURE: R. Nelson EXP. DATE

NORTH GRID: 50 55 EAST GRID: 57 63

APPROXIMATE DEPTH OF WELL 240 FEET

APPROXIMATE DIAMETER OF WELL 6 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

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

Box numbers: 8069, 5288

REPLACEMENT OR DEEPEINED 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
D THIS WELL WILL DEEPEIN AN EXISTING WELL

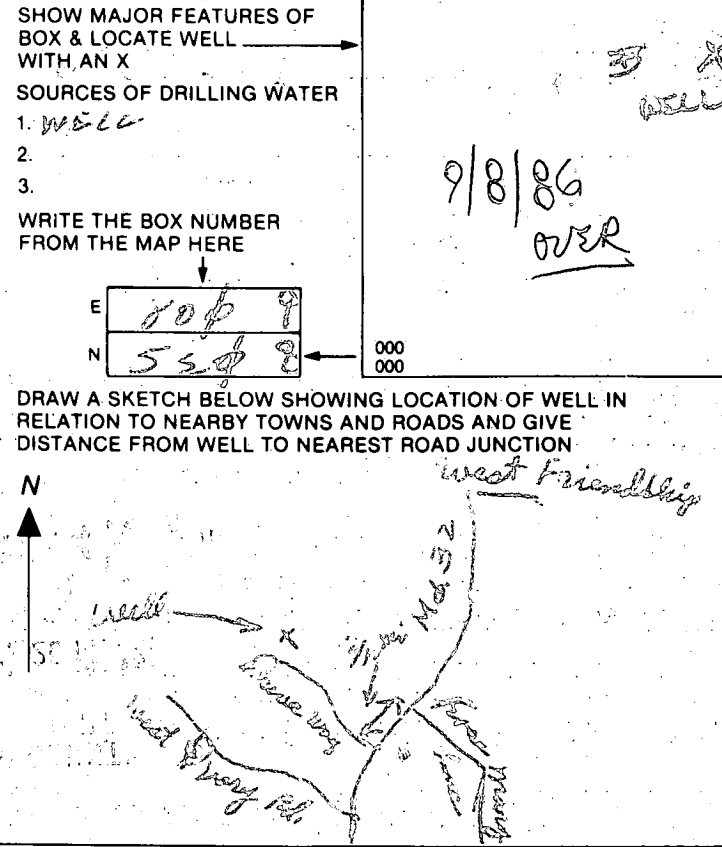
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE)

Not to be filled in by driller (OEP USE ONLY)

APPROP. PERMIT NUMBER GAP

FORCE INITIALS PERMIT No. HO-81-10450

SPECIAL CONDITIONS



9/8/86 Location as per approved site

driller →
grout already
in progress

86' casing
43' open hole

115 bags

H₂O sample taken 10am

still pumping
when I left

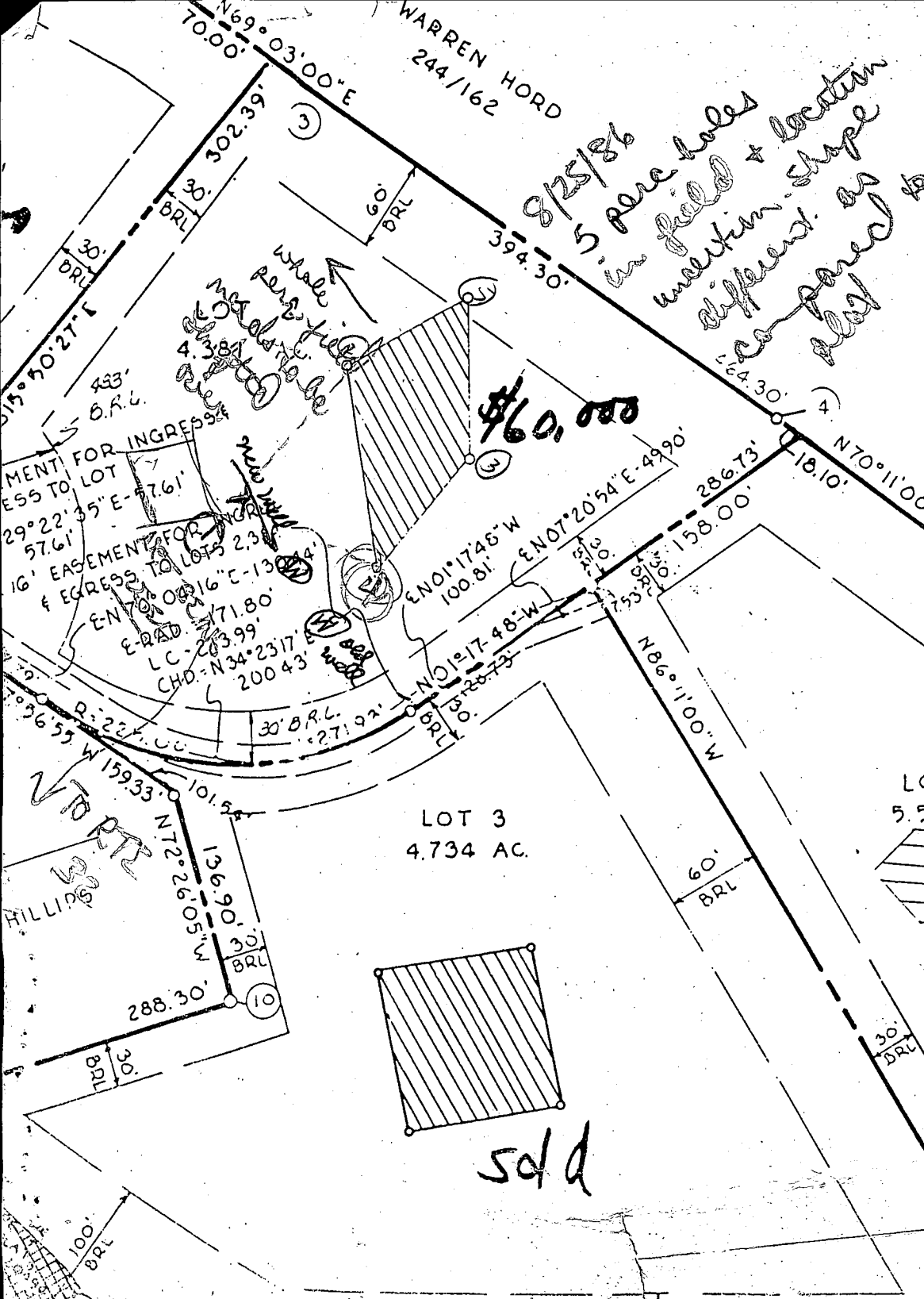
9/8/86 Old well also to be
abandoned

≈ 88 ft deep gravel added
cement cap off to follow

RECEIVED
HOWARD COUNTY
HEALTH DEPT.

SEP 9 4 20 PM '86

RECEIVED
HOWARD COUNTY
HEALTH DEPT.



SEWAGE EASEMENT OF APPROXIMATELY 10,000 SQ. FT. AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE FOR INDIVIDUAL SEWAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE AND SERVICING ANY RESIDENTIAL STRUCTURES CONSTRUCTED ON THESE BUILDING SITES. THESE EASEMENTS SHALL BECOME A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH DEPARTMENT SHALL NOT GRANT VARIANCES FOR ENCROACHMENTS INTO THE LOCATION OF A MODIFIED SEWAGE EASEMENT SHALL NOT

7. FOR FLAG OR PIPE STEM LOTS, REFUSE COLLECTION MAINTENANCE ARE PROVIDED TO THE JUNCTION LOT DRIVEWAY.

8. PROPERTY SUBJECT TO V.P. 86-0

9. THERE ARE EXISTING STRUCTURES

10. ALL PERCOLATION TEST RESULTS TO BE FIELD LOCATED AND SHOWN ON THIS MAP

11. ● DESIGNATES IRREGULAR

12. ■ DESIGNATES RECTANGULAR

13. Howard County Declaration of Easement in Liber 143

\$60,000

\$65,000

**100%
wooded**

sold

*8/25/86
5' perc holes
in field + location
different. slope
compared to
old*

*whole
perc hole
area to be
excavated*

*MENT FOR INGRESS
ESS TO LOT
29°22'35"E-7.61'
57.61'
EASEMENT FOR
EGRESS TO LOTS 2,3
16' EGRESS TO LOTS 2,3
ENCL. 0016"E-130.44'
E-RAD. 71.80'
LC-203.99'
CHD-N34°23'17"
200.43'*

C1 5281

SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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

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

COUNTY NUMBER A-35631

DATE RECEIVED

DATE WELL COMPLETED

DEPTH OF WELL

PERMIT NO. FROM "PERMIT TO DRILL WELL"

DATE RECEIVED grid

DATE WELL COMPLETED grid

DEPTH OF WELL grid

PERMIT NO. grid

OWNER HARRELL HENRY STREET OR RFD 32 TOWN WEST FRIENDSHIP SUBDIVISION HILLTOP FARMS SECTION LOT 2

WELL LOG Not required for driven wells STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

Table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), Check if water bearing. Includes handwritten entries: SAND, Gray Mica Rock, Spaled, 0-80, 80-220.

GROUTING RECORD WELL HAS BEEN GROUTED (Y/N) TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 116 NO. OF POUNDS 1504 GALLONS OF WATER 96 DEPTH OF GROUT SEAL (to nearest foot) from 0 to 16 ft.

CASING RECORD casing types insert appropriate code below ST CO STEEL CONCRETE PL OT PLASTIC OTHER

MAIN CASING TYPE 57 Nominal diameter top (main) casing (nearest inch) 63 Total depth of main casing (nearest foot) 66

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

SCREEN RECORD screen type or open hole insert appropriate code below ST BR HO STEEL BRASS OPEN HOLE PL OT PLASTIC OTHER

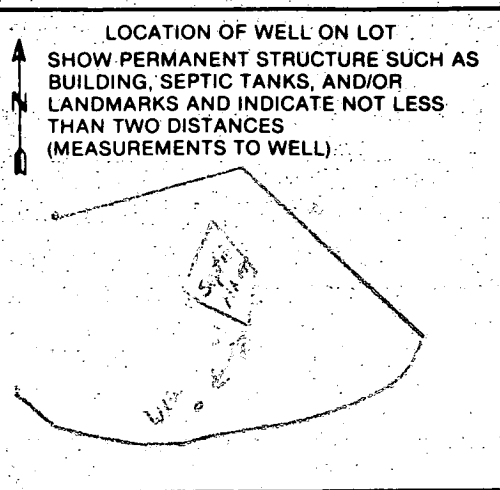
DEPTH (nearest ft.) grid 1-21, 23-36, 38-51. SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH) grid

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

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

PUMPING TEST HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min. to nearest gal.) 9 METHOD USED TO MEASURE PUMPING RATE WATER LEVEL (distance from land surface) BEFORE PUMPING 48 WHEN PUMPING 44 TYPE OF PUMP USED (for test) A air P piston T turbine C centrifugal R rotary O other (describe below) J jet S submersible

PUMP INSTALLED DRILLER WILL INSTALL PUMP YES NO (CIRCLE) (YES or NO) IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE: CAPACITY: GALLONS PER MINUTE (to nearest gallon) PUMP HORSE POWER PUMP COLUMN LENGTH (nearest ft.) CASING HEIGHT (circle appropriate box and enter casing height) LAND SURFACE (nearest foot)



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

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 10.17.13 "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.

DRILLERS IDENT. NO. 933

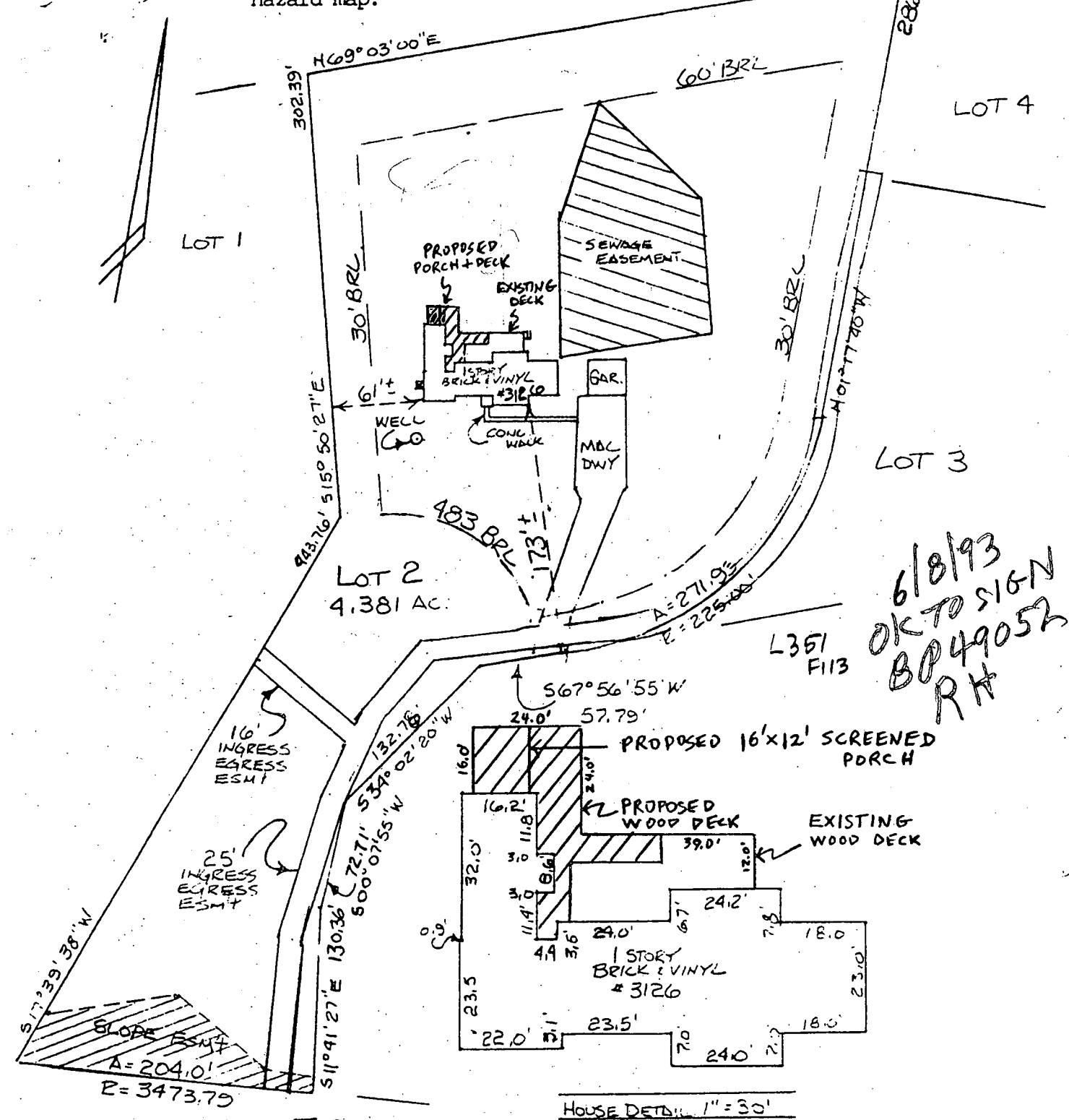
DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

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

This Property is located in Zone C (area outside the 500 year Flood Zone) hazard map.

L 244
F 162

77°11'00"E
18.10'



6/8/93
OK TO SIGN
BP 49052
RH

MD. ROUTE 32

HOUSE LOCATION SURVEY
FOR
LOT 2

HILLTOP FARM
HOWARD COUNTY, MARYLAND

NOTE: LOT CORNERS HAVE NOT BEEN SET BY THIS SURVEY.

DB-100

SURVEYOR'S CERTIFICATION

I HEREBY CERTIFY THAT THE PROPERTY DELINEATED HEREON IS IN ACCORDANCE WITH THE PLAT OF SUBDIVISION AND DEED OF RECORD. THAT THE IMPROVEMENT SHOWN WERE LOCATED BY ACCEPTED FIELD PRACTICES. THIS PLAT IS NOT FOR DETERMINING PROPERTY LINES, AND NO TITLE REPORT FURNISHED.



ELDER SURVEYS, INC.

51 MONROE STREET, SUITE 1703
ROCKVILLE, MARYLAND 20850

762-3533

FAX 762-8479

SCALE 1" = 100'	DWG. BY: MO	JOB NO. 337
LIBER FOLIO	ELECTION DISTRICT NO. 3RD	COUNTY HOWARD
PLAT BOOK PLAT NO. 6605	LOT 2	DATE 3-8-92