

10/28/93 ASAP  
10/29/93  
ASAP

# PERMIT

## SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

03-280349

P 49538

A 48212

DISTRICT 3rd

DATE 8/10/93

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXX~~ 313-2640

DATE SYSTEM APPROVED 10/29/93

INSPECTOR [Signature]

INDEXED

Hidey, Inc. IS PERMITTED TO INSTALL  ALTER

ADDRESS 1910 Gwynn Oak Avenue, Baltimore, Maryland 21207 PHONE 944-0423

SUBDIVISION Indian Hill LOT 41 ROAD 12582 Indian Hill Drive

PROPERTY OWNER William & Stacy Roth

ADDRESS \_\_\_\_\_

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 144

TRENCHES - Trench to be 2 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 8 feet below original grade. Effective area begins at 3 feet below original grade. 5 feet of stone below distribution pipe.

LOCATION - Start the first trench 140 feet from the intersection point of the rear (150' and 134") lot lines and 125 feet from the right lot line. Run trenches along contour toward right side of property.

NOTES No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK HR 7/21/93

PLANS APPROVED BY C. Williams DATE 06/23/92

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

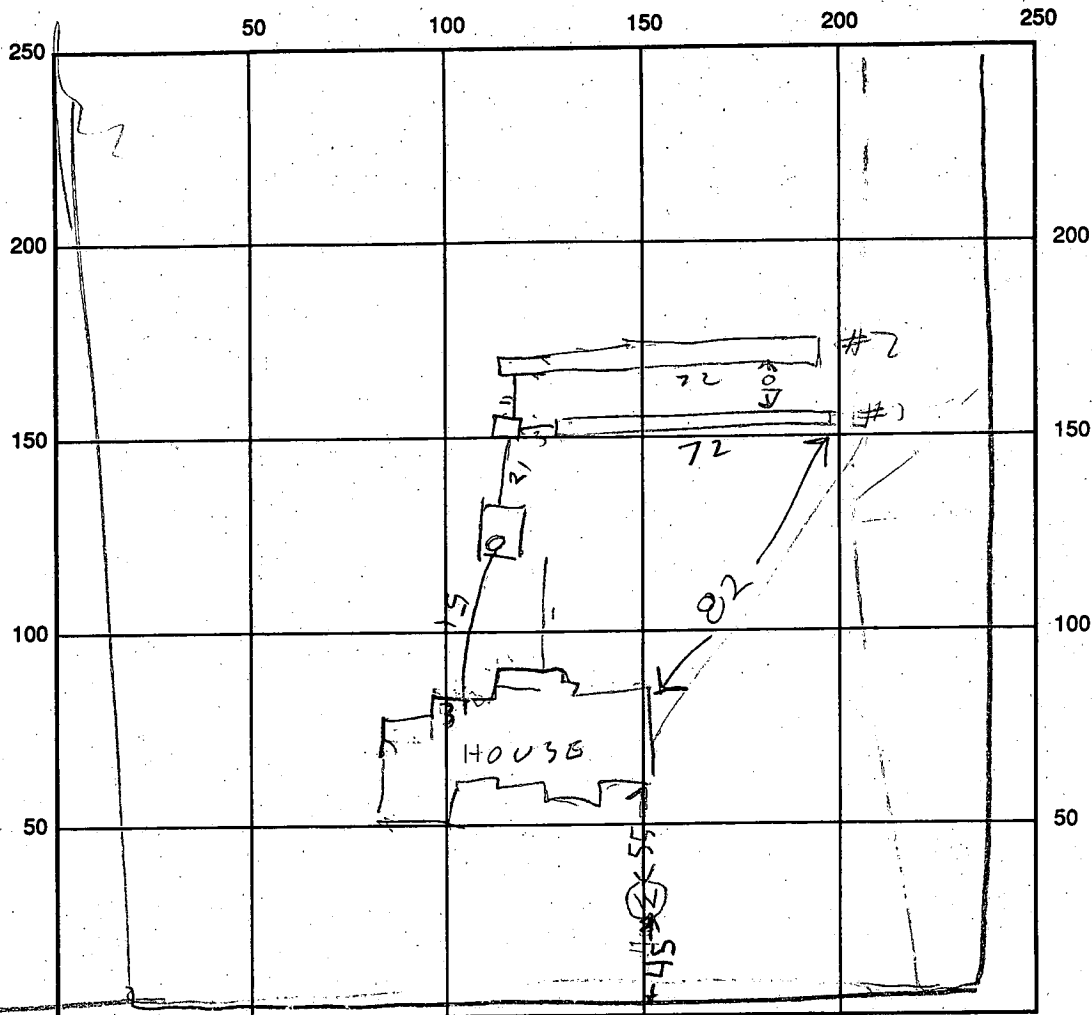
PERMIT VOID AFTER TWO YEARS

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**

A 48212



← TO ROUTE 32 INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE  
INDIAN HILL DR

SEPTIC TANK LEVEL 1250 CLEANOUTS OK

DISTRIBUTION BOX LEVEL OK

DRAIN FIELD/TITLE DEPTH 8 FT. TRENCH WIDTH 2 FT. INLET DEPTH 3 FT.

EFFECTIVE GRAVEL DEPTH 5 FT. TOTAL LENGTH 

72	72	TOTAL
		144

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

DRYWALL INSIDE DIAMETER \_\_\_\_\_ FT. EFFECTIVE DEPTH BELOW INLET \_\_\_\_\_ FT.

ABSORBENT AREA \_\_\_\_\_ SQ. FT.

REMARKS: 10/28/93 OK COVER HOUSE TO BOX. FINISH DIGGING  
TRENCHES ADD STONE CALL RA  
10/29/93 TRENCHES FINISHED R11

DATE SYSTEM APPROVED 10/29/93 INSPECTOR Raymond Hodger

# APPLICATION

PERCOLATION TESTING

A 48212

P \_\_\_\_\_

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

DISTRICT \_\_\_\_\_

DATE 6/9/92

*PREVIOUS OK -  
EXISTING RECORDS LOT,  
INDICATIONS OF PREVIOUS TEST HISTORY,  
UNCONFIRMED,  
FULL TEST FEE REQUESTED,  
BUT REPAIR FEE ACCEPTED 6/5/92  
CW*

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 WILLIAM BENTON William & Stacey Roth

ADDRESS 1922 VALLEY Rd. Baltimore Md. 21207 PHONE 944-4429

PROSPECTIVE BUYER \_\_\_\_\_

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION INDIAN HILL LOT NO. 41

ROAD AND DESCRIPTION INDIAN HILL DRIVE (12582 Indian Hill Drive)

TAX MAP 9 PARCEL # 127

SIZE OF LOT 1.89 AC. ± TYPE BLDG S.F.D  
(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. Zacharia G. Fisch (agent)  
(SIGNATURE OF APPLICANT)

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

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

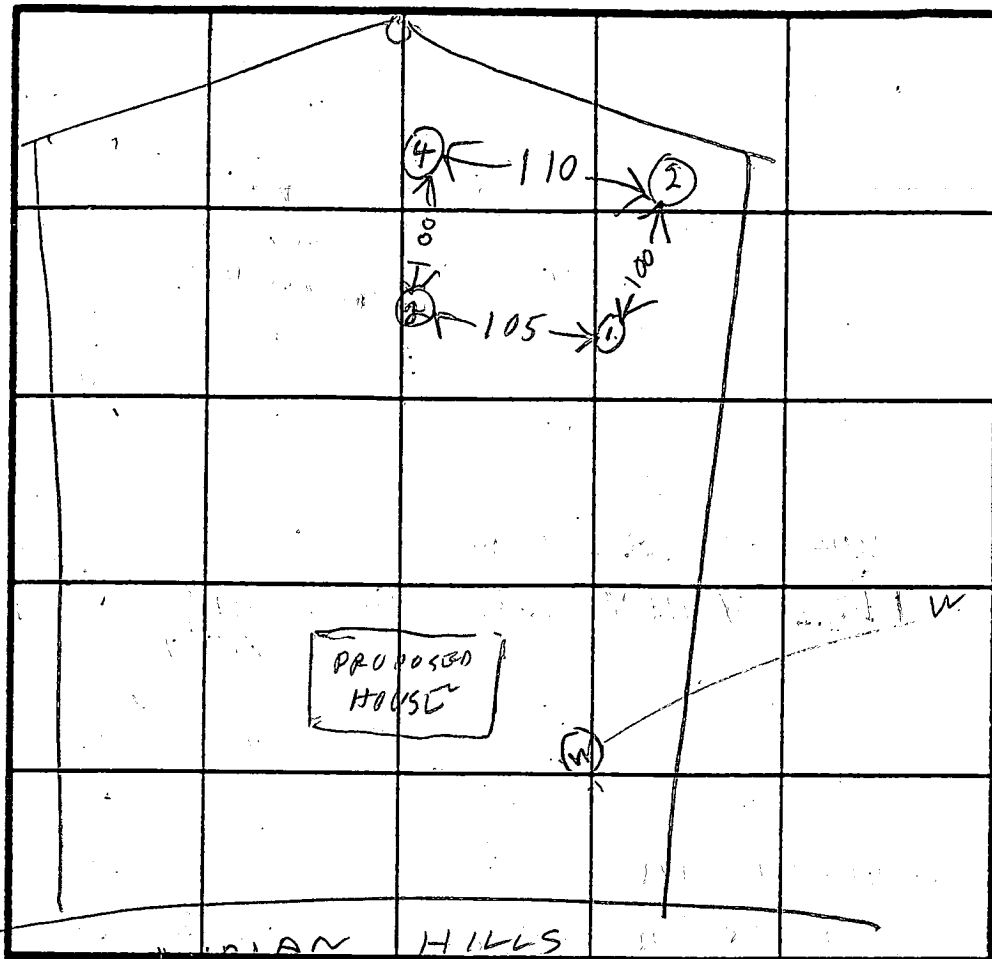
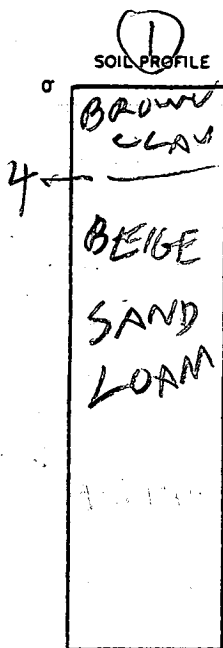
HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING 6/19/92 PERC OK Hold for  
Per Cert Plat R H

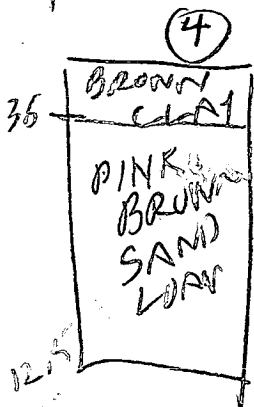
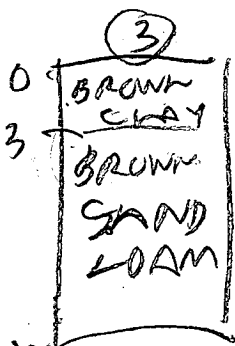
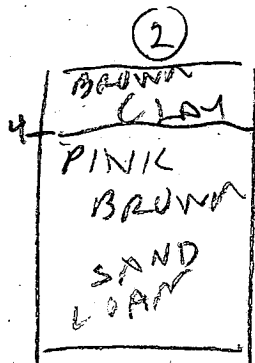
BLDG. PERMIT SIGNED  
AND RETURNED 6/22/92  
Serial # 48234-SFP  
4 Bann

HD-216

## THIS IS NOT A PERMIT



INDIAN HILLS  
INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
6/19/92	1 S	4.5	1116	1118	1118	1122	4
	1 D	0.5	1116	1118	1118	1122	4
	IV	12	OK				
	2 S	5.5	1120	1122	1122	1127	5
	2 V	11.5	OK				
	3 S	4.5	1123	1125	1125	1130	5
	3 V	12	OK				
6/19/92	4 S	3.5	1134	1136	1136	1140	4
	4 D	12.5	OK				

REMARKS \_\_\_\_\_

TYPE OF SOIL \_\_\_\_\_

TESTED BY R. HODGES

ALSO PRESENT BONNIE REALSTATE  
ZACK KENINGER  
HERMANSILKSON

BA

C1 6711 SEQUENCE NO. (DENV USE ONLY)  
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

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.  
 COUNTY NUMBER A 48212

ST/CO USE ONLY  
 DATE RECEIVED  
 DATE WELL COMPLETED  
12 11 99

Depth of Well  
225  
 (TO NEAREST FOOT)

PERMIT NO.  
 FROM "PERMIT TO DRILL WELL"  
HO-92-0140

OWNER Dorth Williams  
 STREET OR RFD Indian Hill Dr TOWN Last Friendship  
 SUBDIVISION INDIAN HILLS SECTION \_\_\_\_\_ LOT 41 BLOCK D

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

DESCRIPTION (Use additional sheets if needed)	FEET		Check if water bearing
	FROM	TO	
<u>Brown Shale</u>	<u>0</u>	<u>100</u>	
<u>Blue rock</u>	<u>100</u>	<u>225</u>	

**GROUTING RECORD**  
 WELL HAS BEEN GROUTED (Circle Appropriate Box)  
 TYPE OF GROUTING MATERIAL  
 CEMENT CM BENTONITE CLAY BC  
 NO. OF BAGS 18 NO. OF POUNDS 1620  
 GALLONS OF WATER 108  
 DEPTH OF GROUT SEAL (to nearest foot)  
 from 0 ft. to 50 ft.  
 (enter 0 if from surface)

**CASING RECORD**  
 casing types insert appropriate code below  
ST CO  
 STEEL CONCRETE  
PL OT  
 PLASTIC OTHER  
 MAIN CASING TYPE ST Nominal diameter top (main) casing (nearest inch) 6 Total depth of main casing (nearest foot) 105

**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

**C2**  
 DEPTH (nearest ft.)  
 E A C H S C R E E N  
 1 H0 103 225  
 2 \_\_\_\_\_  
 3 \_\_\_\_\_  
 SLOT SIZE 1 \_\_\_\_\_ 2 \_\_\_\_\_ 3 \_\_\_\_\_  
 DIAMETER OF SCREEN \_\_\_\_\_ (NEAREST INCH)  
 from \_\_\_\_\_ to \_\_\_\_\_

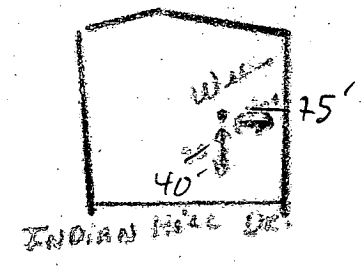
GRAVEL PACK \_\_\_\_\_  
 IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

OEP 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 \_\_\_\_\_

**C3**  
**PUMPING TEST**  
 HOURS PUMPED (nearest hour) 3  
 PUMPING RATE (gal. per min. to nearest gal.) 7 1/2  
 METHOD USED TO MEASURE PUMPING RATE bucket  
 WATER LEVEL (distance from land surface)  
 BEFORE PUMPING 25  
 WHEN PUMPING 110  
 TYPE OF PUMP USED (for test):  
 air  piston  turbine  
 centrifugal  rotary  other (describe below)  
 jet  submersible

**PUMP INSTALLED**  
 DRILLER WILL INSTALL PUMP YES  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)  
 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)



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.

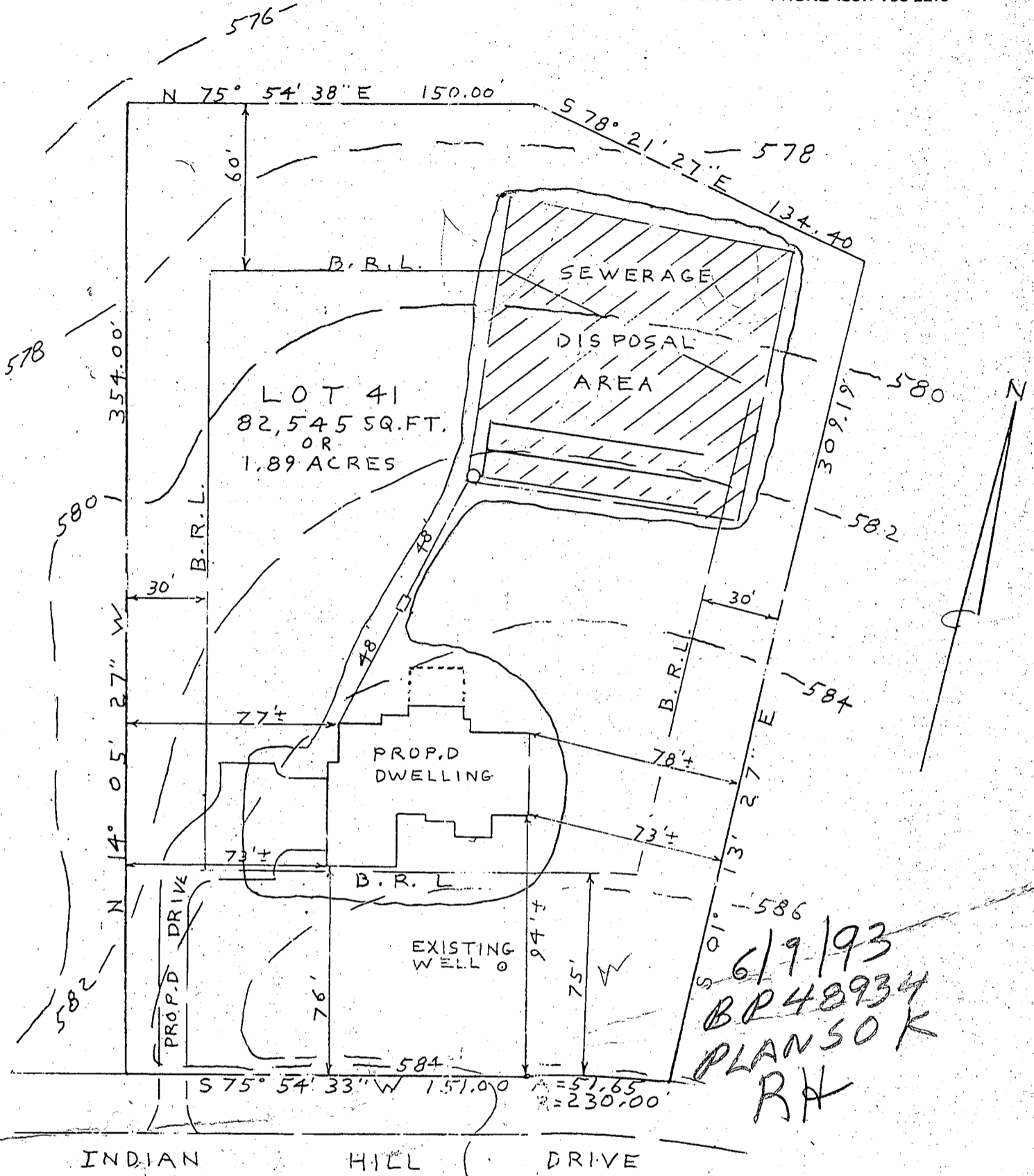
DRILLERS IDENT. NO. 332  
 DRILLERS SIGNATURE \_\_\_\_\_  
 (MUST MATCH SIGNATURE ON APPLICATION)

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

William E. Doyle

LAND SURVEYOR 8440

5312 EMERALD DRIVE SYKESVILLE, MARYLAND 21784 PHONE (301) 795-2210



6/9/93  
BP 48934  
PLAN SOK  
RH

INDIAN HILL DRIVE

PLOT PLAN

EXIST. GRV. AT DISTR. BOX	583.20
INV. IN DISTR. BOX	580.20
INV. OUT OF SEPTIC TANK	580.92
INV. INTO SEPTIC TANK	581.32
INV. OUT OF DWELLING	582.04
FIRST FLOOR ELEV.	588.50
CELLAR ELEV.	579.50
WELL ELEV.	586.50
NO. OF BEDROOMS	4
ACREAGE	1.89 ACRES

LOT 41, INDIAN HILL DRIVE  
SECTION 1  
EXTENSION OF INDIAN HILL  
PLAT BOOK 10, PAGE 52  
ELECTION DISTRICT, 3  
HOWARD COUNTY, M.D.  
SCALE: 1" = 50'  
DRAWN: MAY 27, 1993

I CERTIFY THE ABOVE MEASUREMENTS  
AND ELEVATIONS ARE ACTUAL AND  
CORRECT FOR THIS PROPERTY

signed *William E. Doyle*



*William E. Doyle*

FILE NO. 959