

Approved: 5/20/81

12/8/80

12/2/80

afternoon please

# PERMIT

S.G. Kiel

P 30994  
56538C  
A 24019

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

05-388538

ELLICOTT CITY

DISTRICT 5th

## INDEXED

DATE 10/22/80

Paul Kottis IS PERMITTED TO INSTALL  ALTER

ADDRESS 12178 Mt. Albert Road, Ellicott City, Md. 21043  
Box 28, Highland, Maryland PHONE

SUBDIVISION Highland Lake ROAD 6604 Isle of Skye Drive RD. LOT 81 (new lot 95)

PROPERTY OWNER Paul Kottis

ADDRESS

SPECIFICATIONS 4 Bedrooms

SEPTIC TANK CAPACITY 1250 GALLONS

DRAIN FIELD DEPTH FEET. BOTTOM AREA SQ. FT.

DEEP TRENCH DEPTH FEET. BOTTOM AREA SQ. FT.

SEEPAGE PITS ABSORBENT SIDE-WALL AREA SQ. FT.

Trenches INLET PIPE 3 1/2 FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH 10 1/2 FT. BELOW ORIGINAL GRADE

EFFECTIVE DEPTH AT FT. BELOW ORIGINAL GRADE.

LOCATE DISPOSAL AREA FT. FROM LOT LINE AND FT. FROM LOT LINE AS SEEN WHEN FACING LOT FROM

~~Trenches to have 160 sq. ft. absorbent side-wall area per bedroom. Trenches to have a total length of 100 feet minimum with 7 foot of stone. (2 Trenches - 50 - 55 feet long) Start FIRST trench 180 feet from front line and 25 feet from left line. NOTE: TRENCHES NOT TO BE CONNECTED IN SERIES. MUST USE DISTRIBUTION BOX OR T'S AND CONNECT TO END NEAREST SEPTIC TANK. TRENCHES TO FOLLOW A CONSTANT ELEVATION ON LAND. CALL FOR TWO INSPECTIONS - BEFORE AND AFTER STONE IS INSTALLED.~~

SECOND TRENCH TO BE PARALLEL TO FIRST TRENCH, 15 FT. AWAY FROM BOARDWALK OF 17 FROMMELT  
See sketch appd 11/26/80 for trench location  
F.S.S. DATE 11/26/80

PLANS APPROVED BY DATE 10/22/80

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: IF TRENCH IS USED CALL FOR INSPECTION BEFORE PLACING GRAVEL IN TRENCH. BLDG. PERMIT SIGNED

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER. AND RETURNED #45144

NOTE: ALL PIPE FROM HOUSE TO DISPOSAL AREA MUST BE CAST IRON. 11/26/80

PERMIT VOID AFTER THREE YEARS.

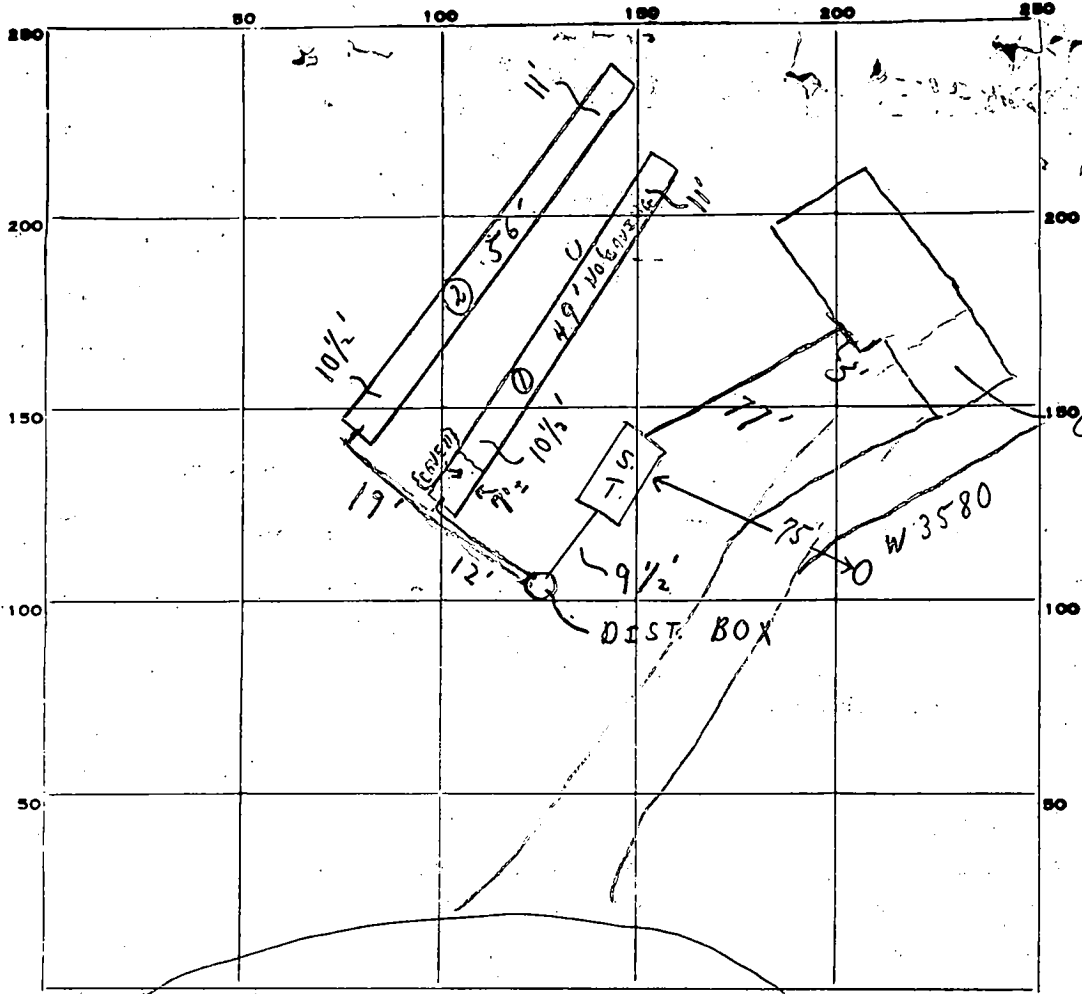
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA

COTTA ACCEPTED.

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

94019 A 56538C

160  
 9  
 640



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.  
 ISLE OF SKYE DRIVE

PERMIT CARD  S.T.

SEPTIC TANK, LEVEL  CLEANOUTS

DISTRIBUTION BOX, LEVEL

TILE FIELD, DEPTH 10 1/2' FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 7 IN. TOTAL LENGTH ① 49 1/2  
② 56 1/2 105+ FT.

NUMBER OF TRENCHES 2 TOTAL BOTTOM AREA 735

SEEPAGE PITS, INSIDE DIAMETER \_\_\_\_\_ FT. DEPTH BELOW INLET \_\_\_\_\_ FT.

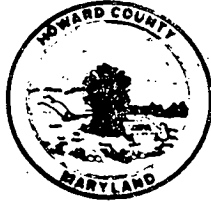
ABSORBENT AREA 735 SQ. FT.

REMARKS 12/2/80 CHECKED - TRENCHES ONLY OK FOR STONE.  
12/8/80 OK to cover work to <sup>C.B.S.</sup> septic tank. Call  
for house connection inspection. JS

DATE SYSTEM APPROVED 5/20/81 INSPECTOR Stephen Reel

# HOWARD COUNTY HEALTH DEPARTMENT

JOYCE M. BOYD, M.D., M.P.H.  
DEPUTY STATE AND  
COUNTY HEALTH OFFICER



BUREAU OF ENVIRONMENTAL HEALTH  
3716 COURT PLACE  
ELLICOTT CITY, MARYLAND 21043  
TELEPHONE 992-2330

November 26, 1980

Paul Kottis  
12178 Mt. Albert Road  
Ellicott City, Md. 21043

RE: Septic System Permit  
#30994

Dear Mr. Kottis:

Please be advised that the revised septic system plans for lot 95 Highland Lake as approved on 11-26-80 now show the location of the absorption trenches in a new area. Please note that the first trench should start 180 to 190 ft. from the front lot line and 55 ft. from the left side line. The second trench to be 15 ft. away from downhill of, and parallel to the first trench.

Very truly yours,

A handwritten signature in cursive script that reads "Frank A. Skinner".

Frank A. Skinner, Sanitarian  
Water & Sewerage Program

FAS/ms



DATE	TEST NO	DEPTH	START	STOP	STOP	TIME
8/19/80	1 S	3	10:35	10:36	10:38	2
	1 D	15	10:35	10:36	10:40	4
	2 V	14	top	4-ft	clay	Bot 10 FT sand
	3 S	5	10:50	10:54	11:01	7
	3 D	15	10:52	10:54	10:57	3
	4 S	4	11:06	11:17	11:46	29
	4 D	12	11:06	11:08	11:14	6

Test by R.H. & J.S. Also Present P. KOTTIS

\* Tank 1250 gal.

Inlet 3 1/2 ft.

Stone 7 ft.

max depth 10 1/2 ft.

total length 100 ft. min.

10/5.R.

2 - 50'-55' trenches

location incorrect

~~Start 80 ft. from front line  
25 ft. from left line.~~

follow a constant elevation

10-22-80  
Frommelt

# APPLICATION

A 24019

## SEWAGE DISPOSAL TESTING

P \_\_\_\_\_

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES  
P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 465-5000, EXT. 356

DISTRICT Fifth

DATE 9/15/76

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 Mr. W. Bucher  
ADDRESS Highland Partnership  
8777 First Avenue PHONE (8)-588-3100  
Silver Spring, MD 20901

PROPERTY LOCATION:

SUBDIVISION Highland Lake LOT NO. 96

ROAD AND DESCRIPTION Hebrides Court

SIZE OF LOT one acre more or less TYPE BLDG. 3 or 4 bedroom  
NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE \_\_\_\_\_

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE.

SIGNATURE OF APPLICANT /s/ Mr. W. Bucher

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

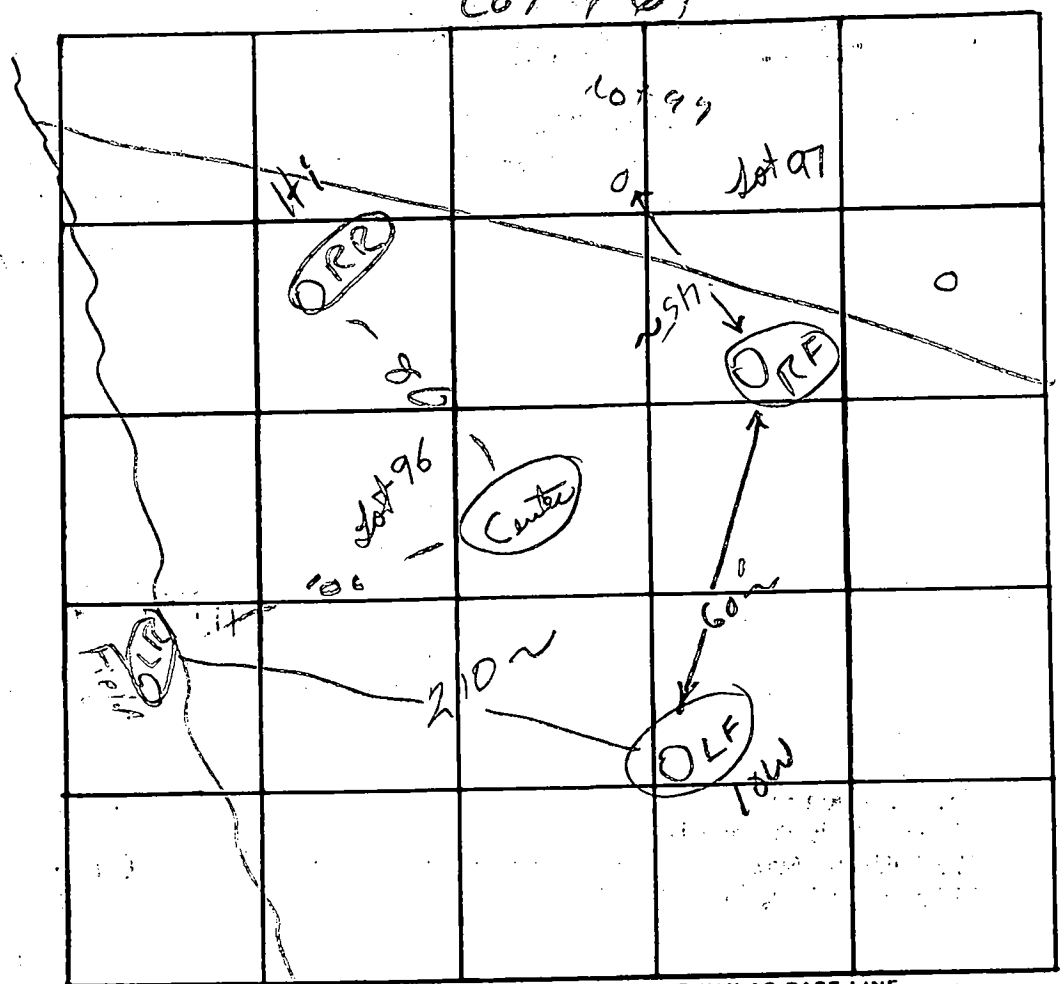
REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

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

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

# THIS IS NOT A PERMIT

Lot 96



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
8/12/76	LF	3	1133	1137	1137	1142	5
"	LFa	12	1137	1139	1139	1140	1
"	LRd	12'	205	206 <sup>30</sup>	206 <sup>30</sup>	209	2 <sup>30</sup> sec
"	LRS	5'	219	223	223	227	4
"	RF	{ VISUAL	@	12			
"	RF	{					
"	RR	5	225	226	226	227	1
"	RR	13	220	221	221	225	4
"	Center						

REMARKS \_\_\_\_\_

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

TESTED BY 0709 - RAB ALSO PRESENT: \_\_\_\_\_

# APPLICATION

A \_\_\_\_\_

P \_\_\_\_\_

## SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES  
P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 465-5000, EXT. 356

DISTRICT \_\_\_\_\_

DATE \_\_\_\_\_

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 \_\_\_\_\_

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

PROPERTY LOCATION:

SUBDIVISION Highland lake sec II LOT NO. 86

*Part of 81*

ROAD AND DESCRIPTION \_\_\_\_\_

SIZE OF LOT \_\_\_\_\_ TYPE BLDG. \_\_\_\_\_

NUMBER OF BEDROOMS \_\_\_\_\_

IF NOT SINGLE RESIDENCE DESCRIBE \_\_\_\_\_

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE.

SIGNATURE OF APPLICANT \_\_\_\_\_

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

(KIND OF SYSTEM)

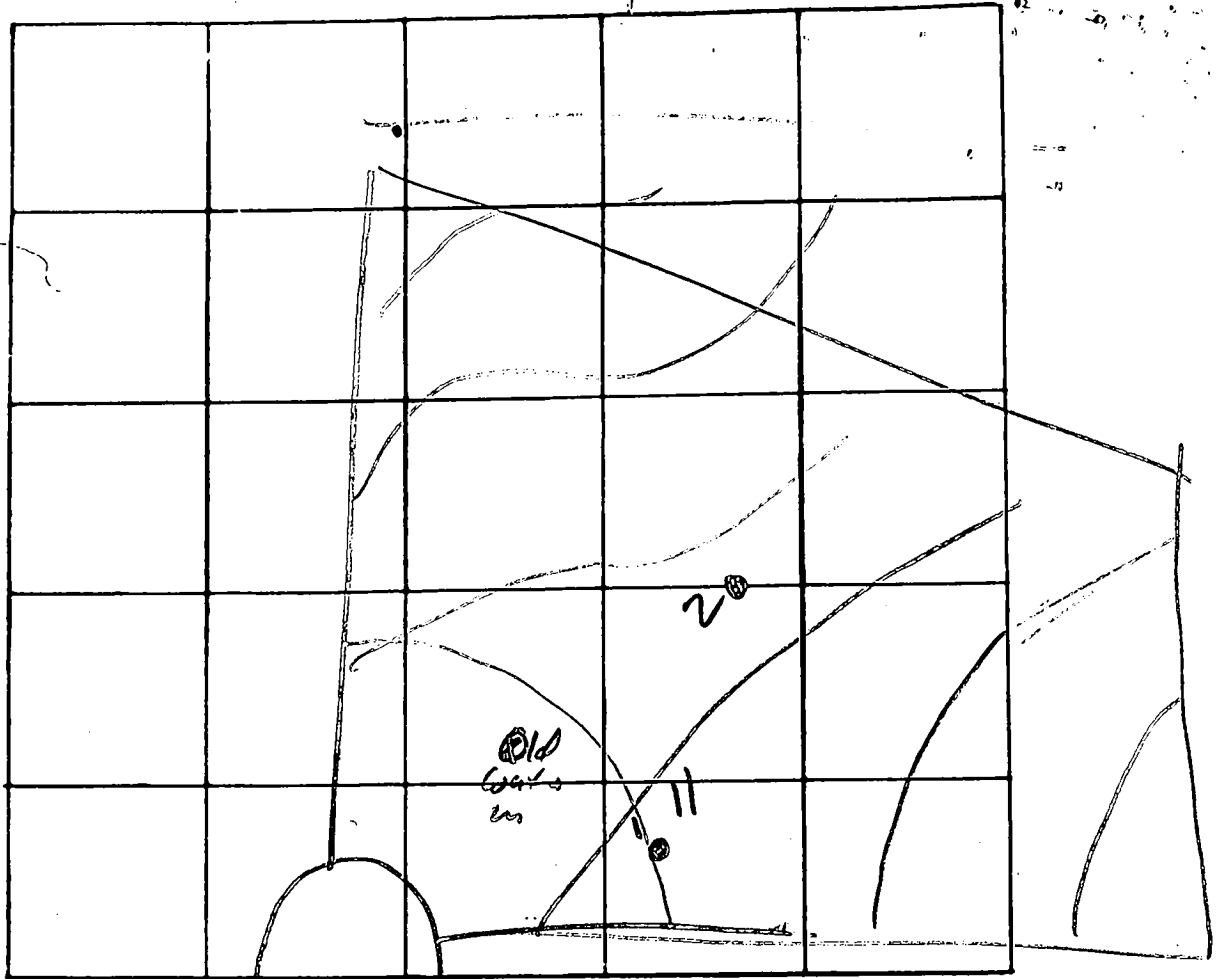
REJECTED BY D. J. New FOR Any DATE 10/05/49

(KIND OF SYSTEM)

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

REASONS FOR REJECTION OR HOLDING Water on lot

# THIS IS NOT A PERMIT



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

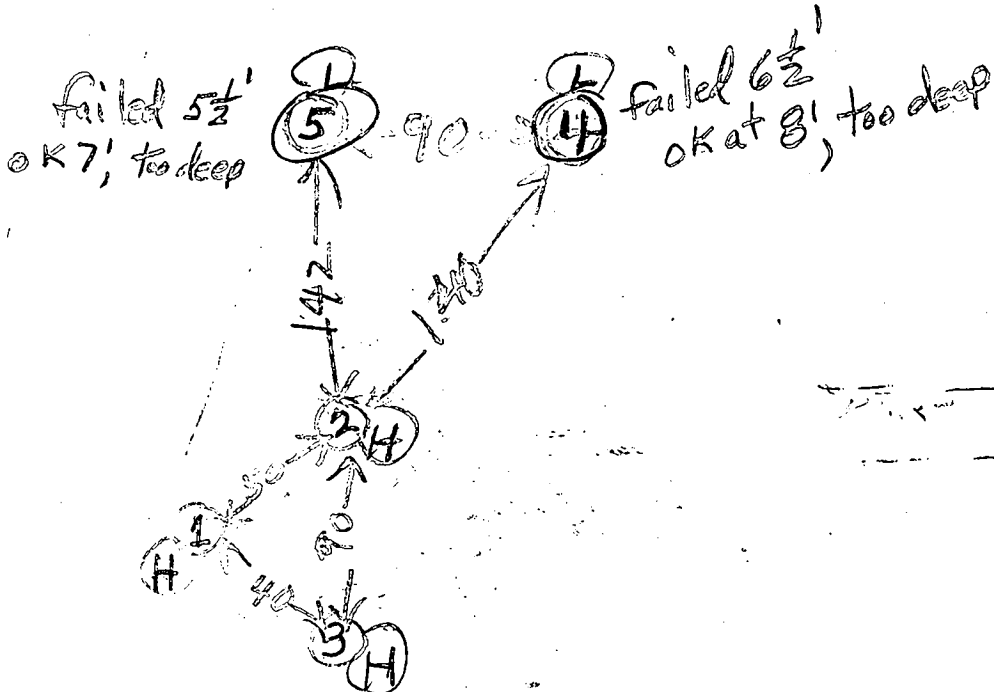
DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5/6	1	11'	Wet.				
	2	10'6"	Wet.				

REMARKS Insufficient area for house site.

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

TESTED BY \_\_\_\_\_ ALSO PRESENT: \_\_\_\_\_

LANE LAKE LOT (81) SECT 3  
 LOWER OF 2 SEWAGE DISPOSAL  
 AREAS. (HIGHER ONE HAS PASSED PER)



RH#	SURVEY #
1	E
2	F
3	D
4	G
5	H

4/20/78	1S	4	1101	1104	1104	1105	4
	1D	12 1/2	1101	1103	1105	1108	3
	2V	12	TOP 3 FT CLAY BOT 9 FT SANDY GR				
	3V	12	TOP 4 FT CLAY BOT SANDY GR THIS PART OF UPPER AREA				DRY
	4D	14 1/2	1124	1126	1126	1129	2
	(4S)	6 1/2	1125	1216	1st inch	Failed	
	5D	13 1/2	1130	1146	1140		
	(5S)	5 1/2	1133	1215	little per	Failed	
	5M	7	1222	1225	1225	1235	10
4/20/78	4M	8	1227	1250	1250	115	25
	4M	8	1252	1258	1258	106	8

TESTED BY RA  
 ALSO PRESENT KETTERMAN

FILE \_\_\_\_\_ DATE REPORTED \_\_\_\_\_

PROPERTY OWNER \_\_\_\_\_

P.O. ADDRESS \_\_\_\_\_ TELEPHONE \_\_\_\_\_

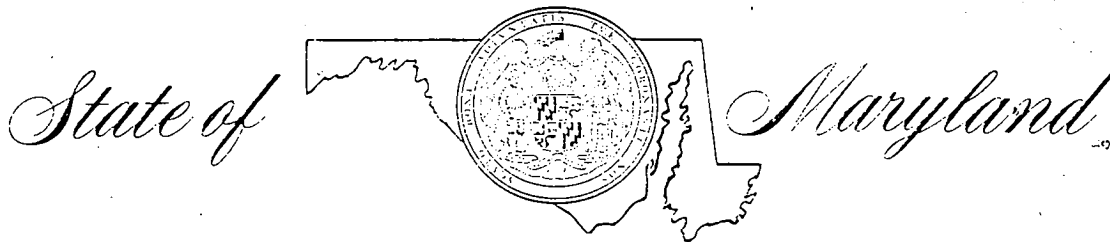
DIRECTIONS TO PROPERTY \_\_\_\_\_

INFORMANT \_\_\_\_\_

CONDITION FOUND \_\_\_\_\_

ACTION TAKEN \_\_\_\_\_

FINAL DISPOSITION \_\_\_\_\_



OFFICE OF THE SECRETARY  
DEPARTMENT OF HEALTH AND MENTAL HYGIENE

301 WEST PRESTON STREET • BALTIMORE, MARYLAND 21201 • Area Code 301 •

Neil Solomon, M.D., Ph.D., Secretary

August 30, 1977

TO: All Employees

FROM: Neil Solomon, M.D., Ph.D. **NS**  
Secretary of Health and Mental  
Hygiene

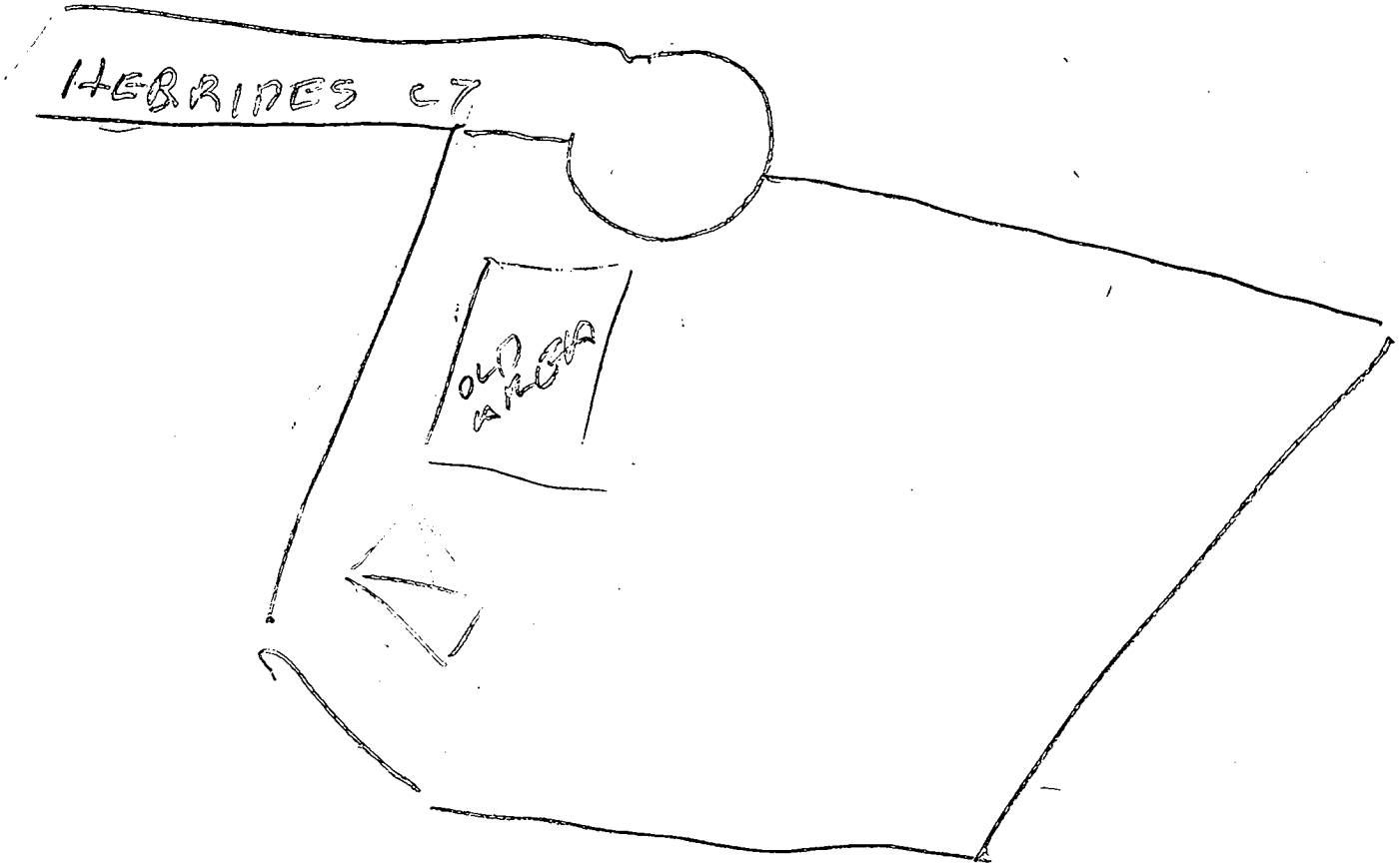
On September 15, 1976, the State Board of Ethics in Opinion #82 stated that a potential conflict of interest exists when an employee works in a professional capacity for a County Health Department, and also works during off-duty hours for a private agency which accepts client referrals from the County Health Department.

The Board opined that since a potential conflict of interest existed that the employees affected should terminate either their primary or secondary employment.

The implications of the Board of Ethics Opinion #82 are significant for the Department of Health and Mental Hygiene. While I am aware that opinions of the Board of Ethics are advisory only, I believe that the need to prevent potential conflict of interest allegations, and to maintain the public confidence in the objectivity of State employees requires that the following Administrative Memorandum be issued to all employees.

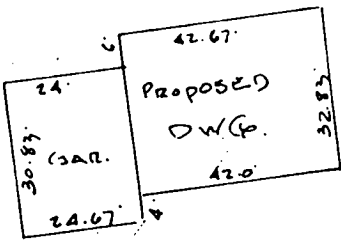
NS/pp

HIGHLAND LAKE SEC 73  
LOT 81



4/20/78 REPECK AT A LOWER  
LEVEL. SEE OTHER SHEET  
ENGINEER WILL CERTIFY NEW  
AREA.

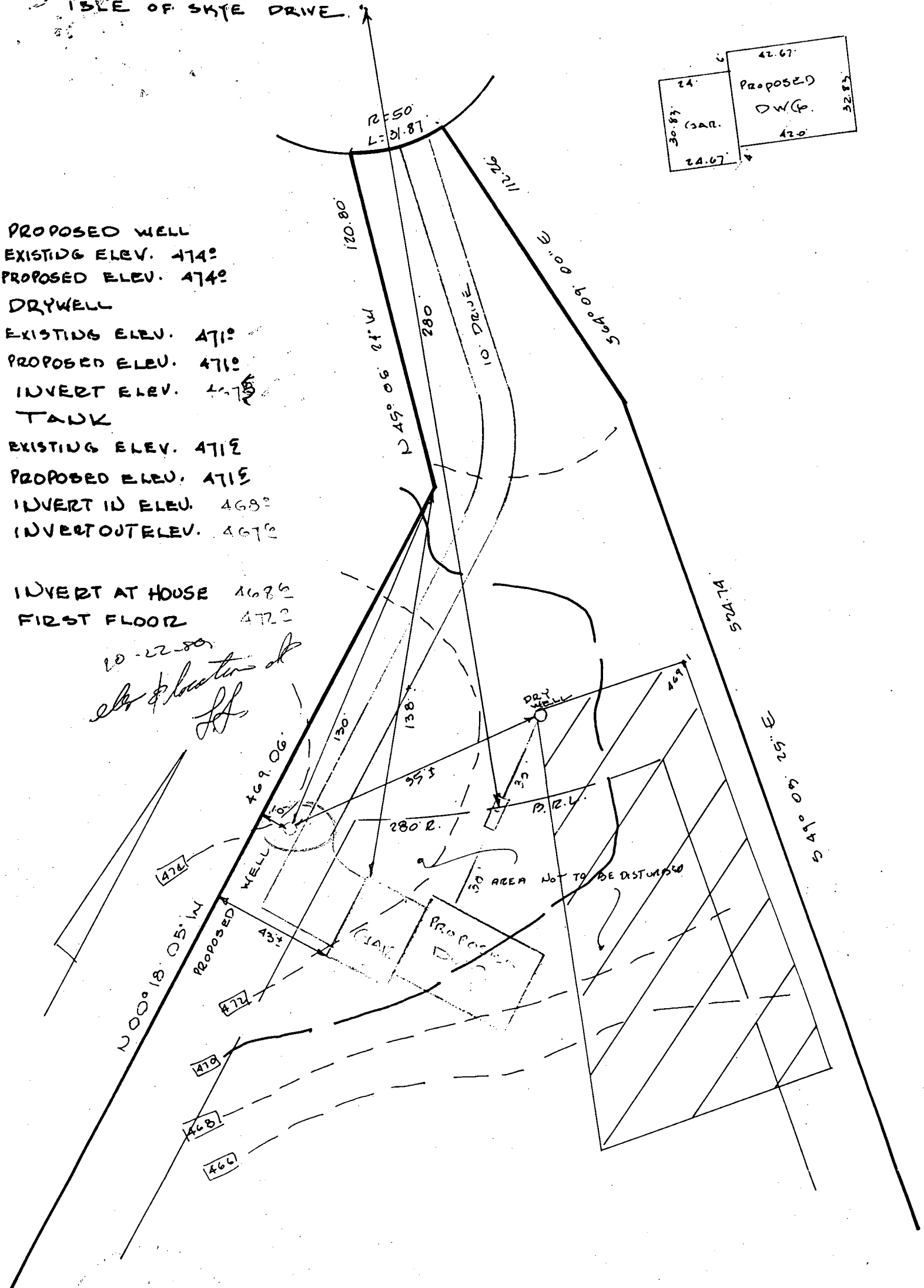
ISLE OF SKYE DRIVE



PROPOSED WELL  
 EXISTING ELEV. 474'  
 PROPOSED ELEV. 474'  
 DRYWELL  
 EXISTING ELEV. 471'  
 PROPOSED ELEV. 471'  
 INVERT ELEV. 467.5'  
 TANK  
 EXISTING ELEV. 471.5'  
 PROPOSED ELEV. 471.5'  
 INVERT IN ELEV. 468.5'  
 INVERT OUT ELEV. 467.5'

INVERT AT HOUSE 468.5'  
 FIRST FLOOR 472.2'

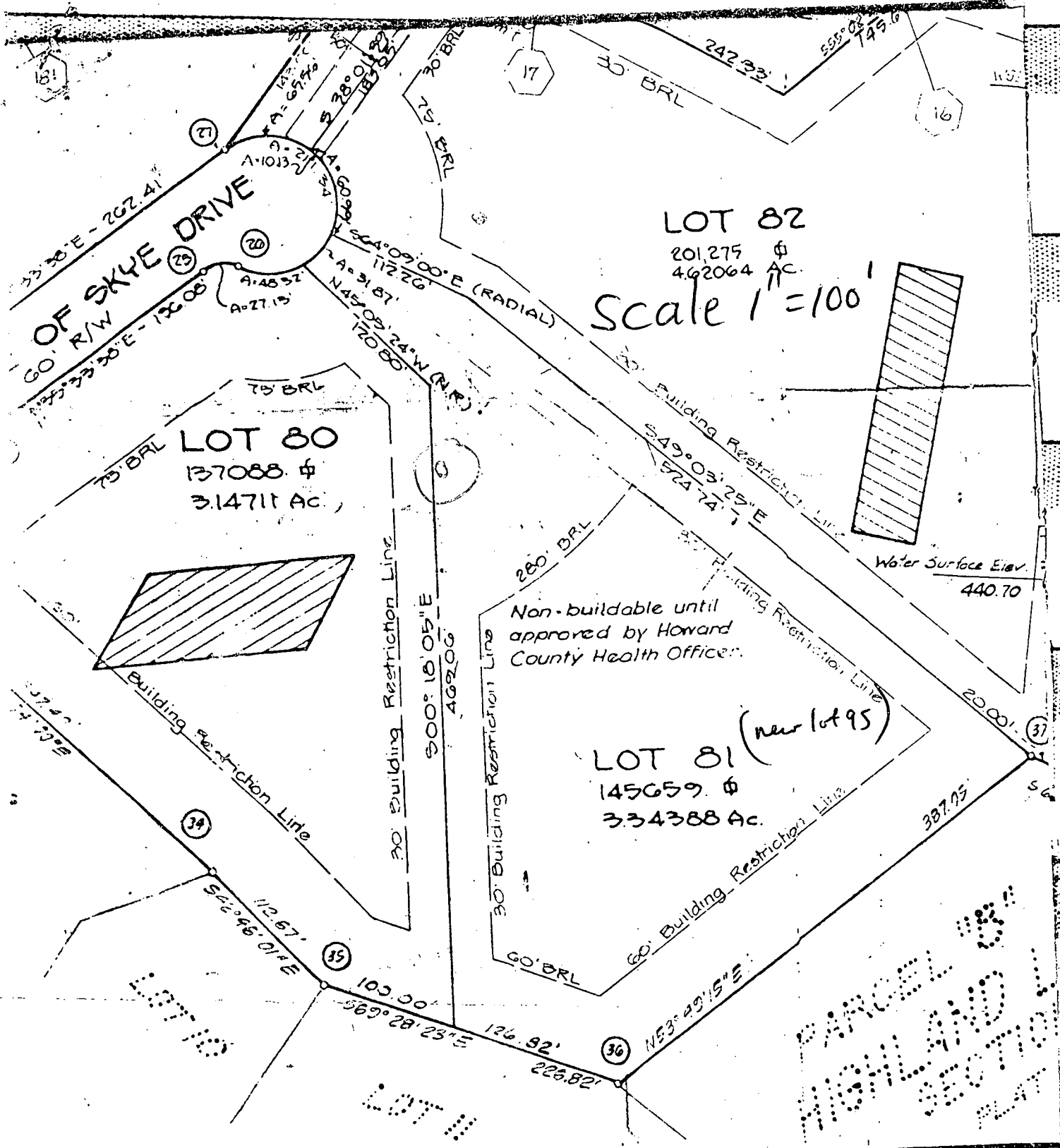
*10-22-80*  
*etc & location of*  
*LL*



LOT B1  
 3.24 AC±

HIGHLAND LAKE  
 LOT B1 SECTION 3 AREA 2 PAT # 4381  
 5th ELECTION DIST. HOWARD CO. MD  
 SCALE 1"=40'  
 8/29/80

*Walter Paul*



LOT 82  
 201,275 \$  
 4.62064 AC

Scale 1" = 100'

LOT 80  
 137,088 \$  
 3.14711 Ac

LOT 81 (new lot 95)  
 145,659 \$  
 3.34388 Ac

Non-buildable until approved by Howard County Health Officer.

Water Surface Elev.  
 440.70

OWNER'S CERTIFICATE

We, The Highland Lake Partnership by Walter Bucher, Managing Partner and owners of the property shown and described herein, hereby adopt the plan of the approval of this Final Plat as the Office of Planning and Zoning established restriction lines and grant unto Howard County, Maryland, its successors or assigns, to construct and maintain sewers, drains, water pipes, and other municipal utilities under all roads and street rights-of-way; and the specific easement areas shown under public use the beds of the streets and/or roads and flood plains and open space. One Dollar (\$1.00) consideration hereby grant the right and option to Howard County, Maryland, its successors or assigns, to acquire in fee simple title to the beds of the streets and/or roads and flood plains and open space shown hereon; and (2) it is further agreed that the maintenance of all water ways, drains, and flood plains shown hereon are the responsibility of the property owner, its successors or assigns.

Witness our hands this 15th day of June, 1977

*Walter Bucher*  
 Walter Bucher  
 Managing Partner

*Alan Meyers*  
 Alan Meyers  
 General Partner

the systems  
 Date  
 and Zoning  
 Date  
 for Public  
 Date

ISLE OF SKYE DRIVE

A PRIVATE SEWAGE EASEMENT  
 100 SQUARE FEET AS REQUIRED  
 DEPARTMENT OF HEALTH AND  
 INDIVIDUAL SEWAGE DISPOSAL.  
 AND IN THIS AREA ARE  
 PUBLIC SEWER IS AVAILABLE  
 IDENTICAL STRUCTURE ON  
 THIS EASEMENT SHALL BECOME  
 CONNECTION TO A PUBLIC

COMPLIES WITH THE  
 WIDTH AND LOT AREA AS  
 DEPARTMENT OF  
 ENGINEERING.

LOCATED PERC

2. HIGHLAND LAKES

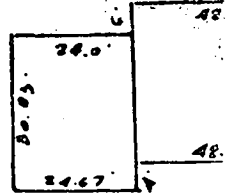
# 4381

HOWARD COUNTY, MD  
 SEPTEMBER 29, 1980

PRIVATE

DEPT.

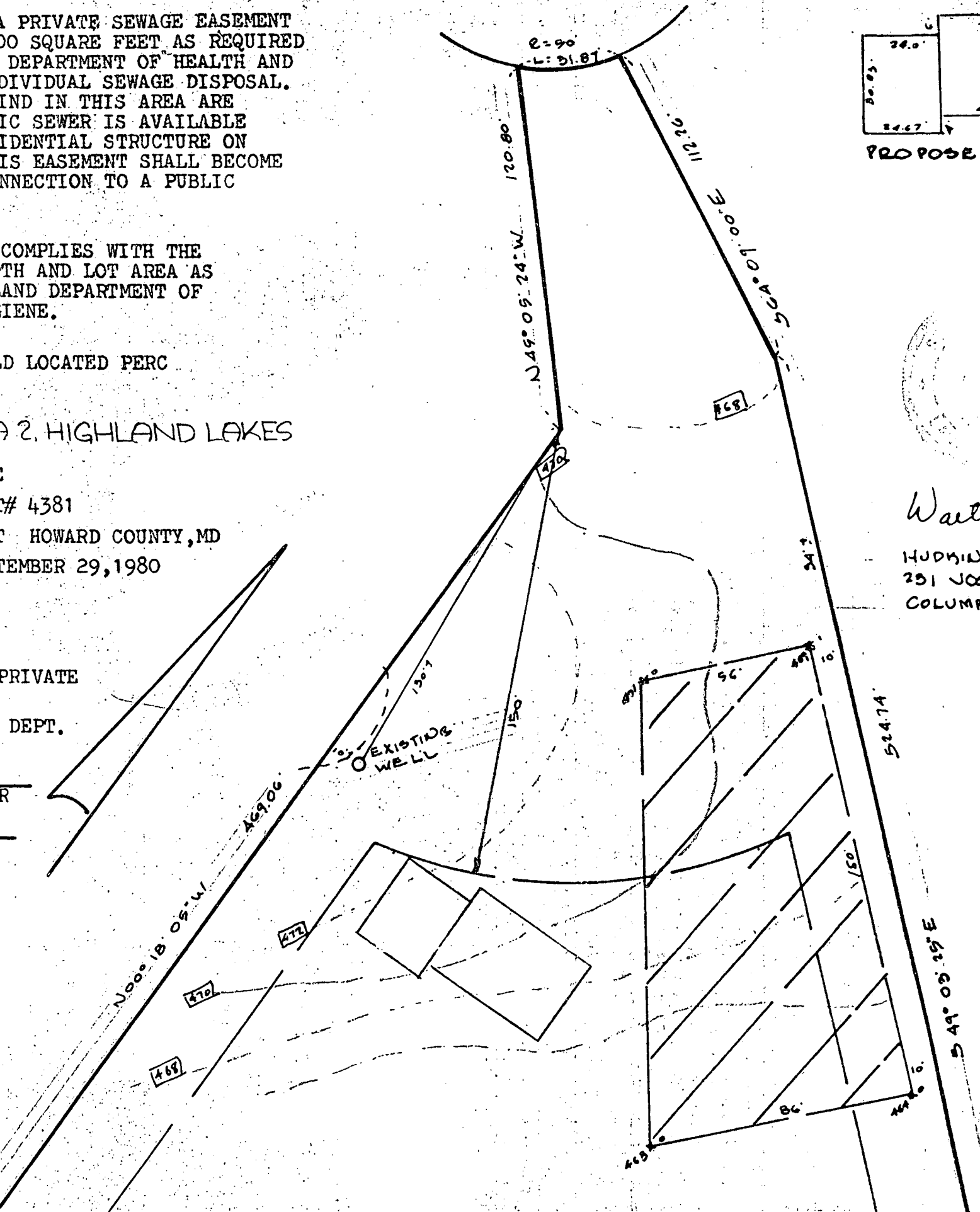
R



PROPOSED

Walter

HUDKINS  
 251 JOSE  
 COLUMBIA



**B 1** 7849  
 SEQUENCE NO. (WRA USE ONLY)  
 1 2 3 (SEQ. NO.) 6  
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

**STATE OF MARYLAND**  
**WATER RESOURCES ADMINISTRATION**  
**TAWES STATE OFFICE BLDG., ANNAPOLIS, MARYLAND 21401**  
**APPLICATION FOR PERMIT TO DRILL WELL**

**WRA PERMIT NUMBER**  
 110-73-330  
**FILL IN THIS FORM COMPLETELY**

DATE RECEIVED (WRA USE ONLY)  
 9/24/80  
 1:30 P.M.  
 2nd

**OWNER** KOTTIS PAUL  
 COL 15 LAST NAME COL 34 FIRST NAME  
 COL 36 STREET OR RFD P.O. Box 112811 COL 55  
 COL 57 POST OFFICE HIGHLAND, MD. COL 76

**B 1 CONTINUED DRILLER INFORMATION**  
 1 2 3 (SEQ. NO.) 6  
 DATE 2/25/80 LICENSE NUMBER 040  
 77 80  
 GEORGE F. EASTERDAY  
 FIRST NAME DRILLER LAST NAME  
 SIGNATURE George F. Easterday

**B 3 LOCATION OF WELL**  
 1 2 3 (SEQ. NO.) 6  
 COUNTY HOWARD Final #95  
 (DO NOT ABBREVIATE COUNTY NAME) 21  
 SUBDIVISION HIGHLAND LAKE 23  
 SECTION 44 LOT 48 50  
 NEAREST TOWN HIGHLAND 52 71  
 MILES FROM TOWN (ENTER 0 IF IN TOWN) 73 MI 76 77 78

**B 2 WELL INFORMATION**  
 1 2 3 (SEQ. NO.) 6  
 MAXIMUM PUMPING RATE (GALLONS PER MINUTE) 5  
 8 12  
 AVERAGE DAILY QUANTITY NEEDED (GALLONS PER DAY) 600  
 14 20  
**USE FOR WATER (CIRCLE APPROPRIATE BOX)**  
 HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)  
 FARMING, AGRICULTURE, IRRIGATION  
 INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOVERNMENT.  
 MUNICIPAL WATER SUPPLY  
 PRIVATE WATER COMPANY } MUST HAVE STATE HEALTH DEPT. APPROVAL  
 TEST

**B 4 DIRECTION FROM TOWN**  
 1 2 3 (SEQ. NO.) 6  
 (CIRCLE APPROPRIATE BOX)  
 NORTH  EAST  N.E. NORTHEAST  S.E. SOUTHEAST  
 SOUTH  WEST  N.W. NORTHWEST  S.W. SOUTHWEST  
 8 9 8 9  
 HEAR WHAT ROAD HIGHLAND RD.  
 11 NORTH SOUTH EAST WEST 30  
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  N  S  E  W  
 32 32 32 32  
 DISTANCE FROM ROAD (ENTER DISTANCE AND CIRCLE APPROPRIATE BOX) 2000 34 37 38 39

APPROXIMATE DEPTH OF WELL 150 FEET  
 24 28  
 APPROXIMATE DIAMETER OF WELL 10 (NEAREST INCH)  
**METHOD OF DRILLING USED (CIRCLE APPROPRIATE METHOD)**  
 BORED (OR AUGERED) JETTED DRIVEN  
 30-37 AIR-ROTARY AIR-PERCUSSION ROTARY (HYDRAULIC ROTARY)  
 CABLE REVERSE-ROTARY DRIVE-POINT  
 OTHER (DESCRIBE)

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS, ROADS AND STREAMS WITH NORTH IN THE DIRECTION OF THE ARROW, AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION OR STREAM CROSSING SHOWN ON THE SKETCH. ALSO SHOW, BY MEANS OF AN "X", THE WELL LOCATION IN THE BOX BELOW AND THE BOX NUMBER FROM THE WELL LOCATION MAP.  
 N  
 40' - casing  
 2' - above gr  
 36' - open  
 13' - open  
 HIGHLAND  
 9/24/80  
 No other papers with well grout

**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 DEEPEM AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)

**NOT TO BE FILLED IN BY DRILLER (WRA USE ONLY)**  
 APPROPRIATION PERMIT NUMBER 54 ENGINEER REVIEW DISTRICT NO. 65  
 FORCE 67 68 WRITE INITIALS IN BOX CONDITIONS 70 71 72 73 74 75 76 77 78 79

BOX NUMBER E 800 N 490  
 NORTH COORDINATE 50 51 52 53 54 55  
 EAST COORDINATE 57 58 59 60 61 62 63  
 ELEVATION AT WELL HEAD (FEET) 65 66 67 68  
 0/0 5/0

**B 4 CONTINUED HEALTH DEPARTMENT APPROVAL**  
 1 2 3 (SEQ. NO.) 6  
 41 STATE HEALTH (CIRCLE BOX) HOWARD 112807  
 MO. DAY YR. APPROVED BY  
 DATE 02 20 80

**B 5 SPECIAL CONDITIONS 8-83 (WRA USE ONLY)**  
 1 2 3 (SEQ. NO.) 6

C 1 5913 SEQUENCE NO. (WRA USE ONLY)

STATE OF MARYLAND WATER RESOURCES ADMINISTRATION TAWES STATE OFFICE BLDG., ANNAPOLIS, MD. 21401 WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 30 DAYS AFTER WELL COMPLETION. FILL IN THIS FORM COMPLETELY. COUNTY NUMBER A19997

DATE RECEIVED (WRA USE ONLY) 9/24/80 DATE WELL COMPLETED 9/24/80 DEPTH OF WELL 200 (TO NEAREST FOOT) PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-1-24570

OWNER Kottis PAUL LAST NAME P.O. BOX 9B STREET OR RFD POST OFFICE Highland FIRST NAME

WELL LOG table with columns: DESCRIPTION (USE ADDITIONAL SHEETS IF NECESSARY), FEET (FROM, TO), CHECK IF WATER BEARING. Includes entries for topsoil, sand shale, brown shale, brown slate, quartz, blue slate, brown slate, blue slate, mica, quartz, mica.

WELL DESCRIPTION - GROUTING RECORD. WELL HAS BEEN GROUTED (Y). TYPE OF GROUTING MATERIAL (M) CEMENT. NO. OF BAGS 13, NO. OF POUNDS 1300. GALLONS OF WATER 65. DEPTH OF GROUT SEAL FROM 0 FT. TO 36 FT.

WELL DESCRIPTION - CASING RECORD. MAIN CASING TYPE (S) STEEL. NOMINAL DIAMETER TOP (MAIN) CASING 6 INCH. TOTAL DEPTH OF MAIN CASING 40 FEET.

OTHER CASING table with columns: EACH CASING, DIAMETER (INCH), DEPTH (FEET) FROM, TO.

WELL DESCRIPTION - SCREEN RECORD. SCREEN TYPE OR OPEN HOLE (H) OPEN HOLE. DEPTH (NEAREST WHOLE FOOT) FROM 38 TO 200.

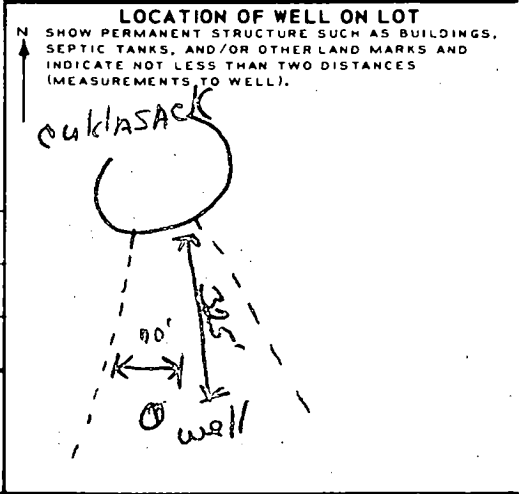
EACH SCREEN table with columns: EACH SCREEN, DEPTH (NEAREST WHOLE FOOT) FROM, TO. Includes screen 1 (H) from 38 to 200.

DIAMETER OF SCREEN 56 (NEAREST INCH). GRAVEL PACK. IF WELL DRILLED WAS A FLOWING WELL (F) YES.

WRA USE ONLY (NOT TO BE FILLED IN BY DRILLER). TELESCOPE CASING (70) NO. LOG INDICATOR (72) NO. OTHER DATA AVAILABLE (74, 75, 76) NO.

PUMPING TEST. HOURS PUMPED (TO NEAREST HOUR) 2. PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) 5. METHOD USED TO MEASURE PUMPING RATE bucket. WATER LEVEL: (DISTANCE FROM LAND SURFACE) BEFORE PUMPING 35 (NEAREST FOOT). WHEN PUMPING 200 (NEAREST FOOT). TYPE OF PUMP USED (CIRCLE APPROPRIATE BOX) (A) AIR.

PUMP INSTALLED. TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: A, C, J, P, R, S, T, O). DRILLER WILL INSTALL PUMP (Y) YES. CAPACITY: GALLONS PER MINUTE (TO NEAREST GALLON) 31-35. PUMP HORSE POWER 37-41. PUMP COLUMN LENGTH (NEAREST FOOT) 43-47.



CIRCLE APPROPRIATE BOXES. [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 I HAVE COMPLIED WITH ALL CONDITIONS STATED ON THE ABOVE-CAPTIONED "PERMIT TO DRILL WELL". AND THAT INFORMATION CONTAINED IN THIS REPORT IS TRUE, ACCURATE, AND COMPLETE TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF.

DRILLERS NAME: GEORGE F. EASTERDAY. SIGNATURE: George F. Easterday.

**ISLE OF SKYE DR.**

(50 R/W)

R=50.00 L=31.87

**WELL**

EX. GR. : 474.0  
FIN. GR. : 474.0

**SEPTIC TANK**

EX. GR. : 470.6  
FIN. GR. : 470.0  
INV. IN. : 467.10  
INV. OUT. : 467.00

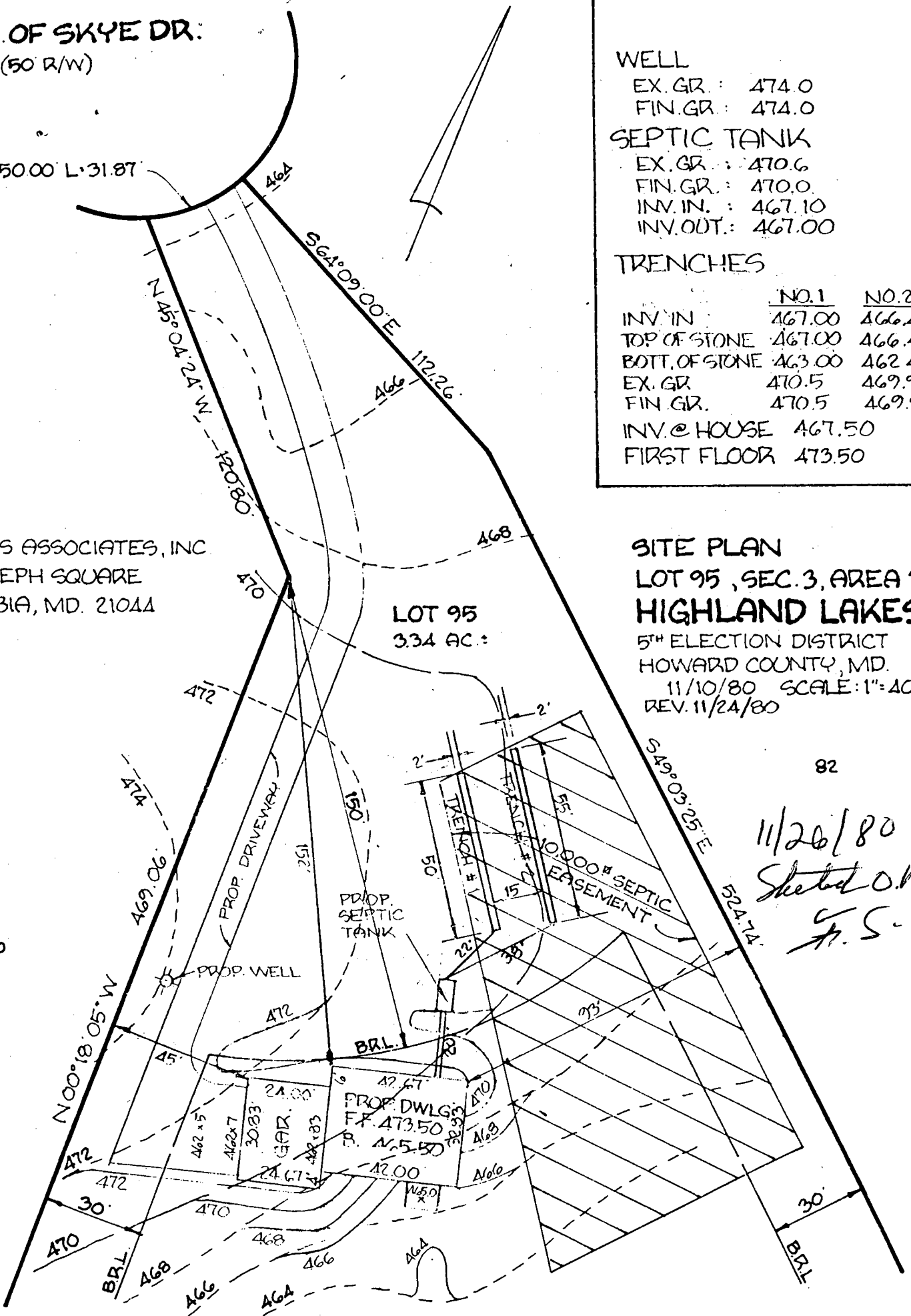
**TRENCHES**

	NO.1	NO.2
INV. IN.	467.00	466.40
TOP OF STONE	467.00	466.40
BOTT. OF STONE	463.00	462.40
EX. GR.	470.5	469.9
FIN. GR.	470.5	469.9
INV. @ HOUSE	467.50	
FIRST FLOOR	473.50	

HUDKINS ASSOCIATES, INC.  
231 JOSEPH SQUARE  
COLUMBIA, MD. 21044

**SITE PLAN**  
**LOT 95, SEC. 3, AREA 2**  
**HIGHLAND LAKES**

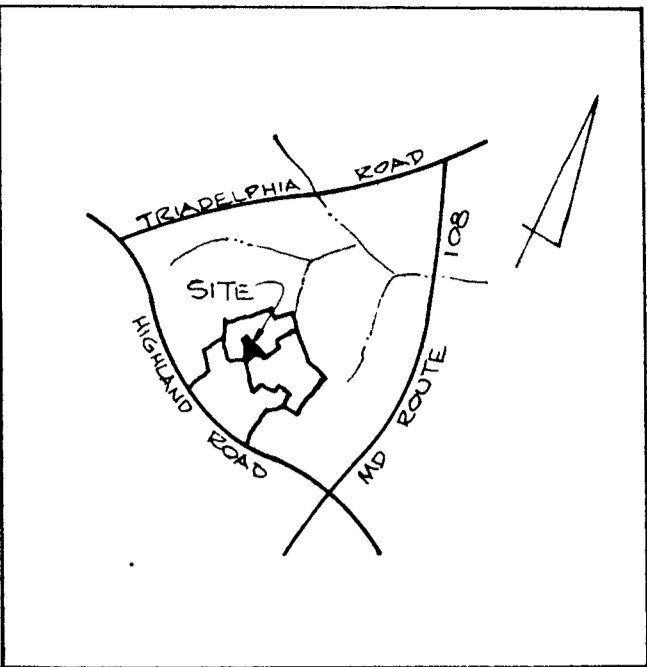
5<sup>TH</sup> ELECTION DISTRICT  
HOWARD COUNTY, MD.  
11/10/80 SCALE: 1"=40'  
REV. 11/24/80



82

11/26/80  
Shetted O.K.  
S.S.

80



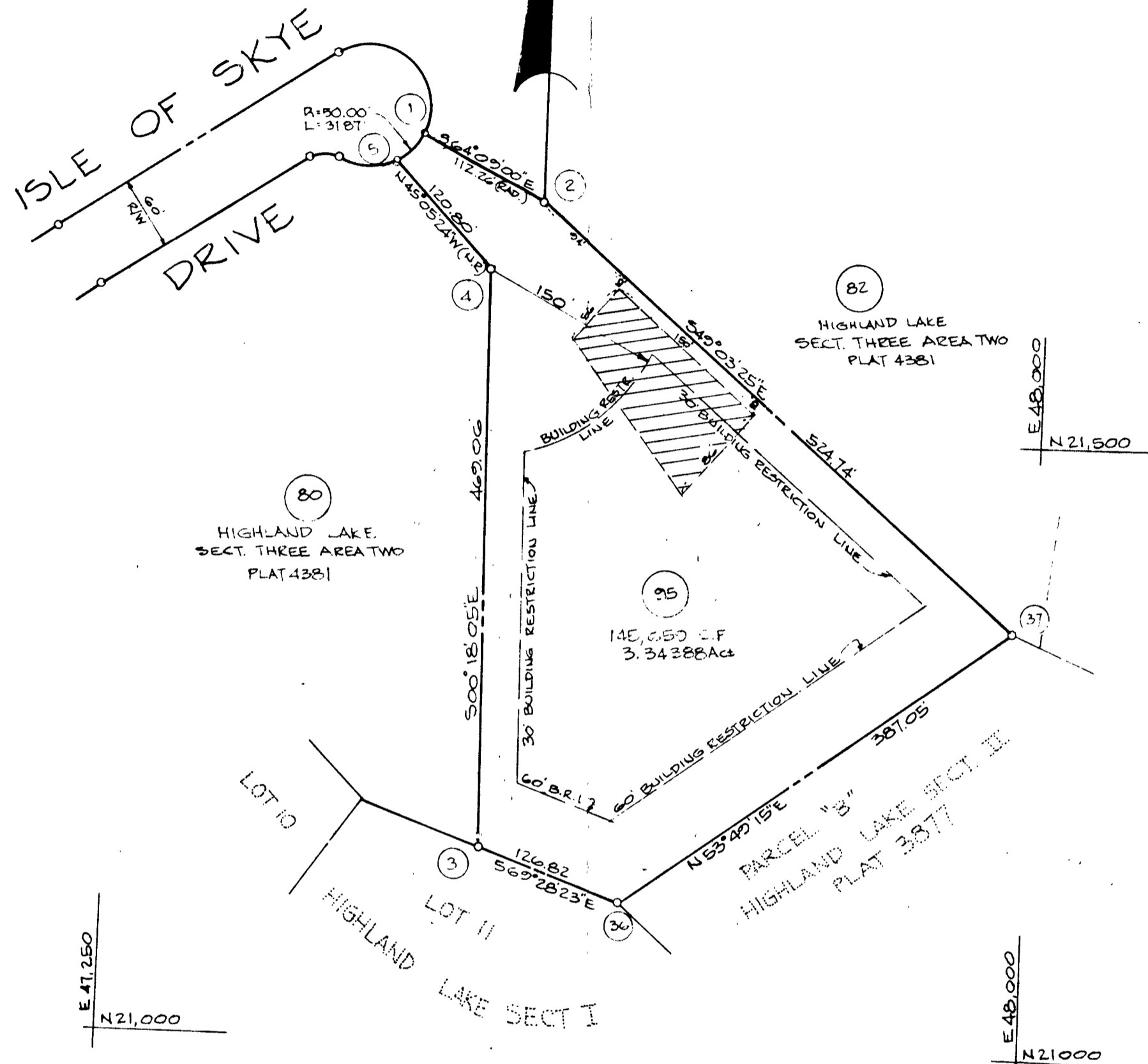
VICINITY MAP  
NO SCALE

COORDINATES		
No	NORTH	EAST
36	21,115.41	47,671.29
37	21,343.89	47,983.70
1	21,796.71	47,486.30
2	21,687.76	47,987.33
3	21,159.88	47,552.52
4	21,628.93	47,550.05
5	21,714.21	47,464.50

ASSUMED COORDINATES  
BASED ON PLAT #4381.

NOTE: THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF APPROXIMATELY 10,000 S.F. AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE FOR INDIVIDUAL SEWERAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWER IS AVAILABLE AND SERVICING ANY RESIDENTIAL STRUCTURE CONSTRUCTED ON THIS BUILDING SITE. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.

THE LOT SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH & LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPT. OF HEALTH & MENTAL HYGIENE



- NOTE:
- 1 PURPOSE OF THIS PLAT IS TO CORRECT BUILDING RESTRICTION LINE ONLY.
  - 2 THIS LOT WAS PREVIOUSLY RECORDED AS LOT 81 SECT. THREE AREA TWO HIGHLAND LAKE IN PLAT No 4381
  - 3 SUBJECT PROPERTY ZONED 'R' PER 10/3/77 COMPREHENSIVE ZONING PLAN.

TABULATION  
1. NUMBER OF LOTS: 1  
2. AREA OF LOT: 3.34388 AC.  
3. AREA OF ROAD DEDICATION: 0  
4. TOTAL AREA OF PLAT: 3.34388 AC.

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS. HOWARD COUNTY HEALTH DEPARTMENT

*Joseph S. ...* 11-6-80  
COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING.

*William G. ...* 11-12-80  
DIRECTOR DATE

APPROVED: FOR STORM DRAINAGE SYSTEMS & PUBLIC ROADS HOWARD CO. DEPT. OF PUBLIC WORKS.

*Walter Park* 11-12-80  
DIRECTOR DATE

SURVEYOR'S CERTIFICATE.  
I HEREBY CERTIFY THAT THE FINAL PLAT SHOWN HEREON IS CORRECT, THAT IT IS A SUBDIVISION OF PART OF THE LANDS CONVEYED BY YORKVILLE SERVICE CORPORATION, INC. TO PATRICIA A. KOTTIS & PAUL G. KOTTIS BY DEED DATED 9/17/80 AND RECORDED IN THE LAND RECORDS OF HOWARD COUNTY IN LIBER 1018 AT FOLIO 696 AND THAT ALL MONUMENTS ARE IN PLACE OR WILL BE IN PLACE PRIOR TO THE ACCEPTANCE OF THE STREETS IN THE SUBDIVISION BY HOWARD COUNTY, AS SHOWN IN ACCORDANCE WITH THE ANNOTATED CODE OF MARYLAND AS AMENDED.

*Walter Park* 9/29/80  
WALTER PARK REG. L.S. 5530  
HODKINS ASSOCIATES INC.  
231 JOSEPH SQUARE  
COLUMBIA, MD. 21044  
DATE

OWNER'S CERTIFICATE.  
WE, PAUL G. KOTTIS & PATRICIA A. KOTTIS OWNERS OF THE PROPERTY SHOWN AND DESCRIBED HEREON, HEREBY ADOPT THIS PLAN OF SUBDIVISION; AND IN CONSIDERATION OF THE APPROVAL OF THIS PLAT BY THE OFFICE OF PLANNING AND ZONING ESTABLISH THE MINIMUM BUILDING RESTRICTION LINES. ALL EASEMENTS OR RIGHT-OF-WAY AFFECTING THE PROPERTY ARE INCLUDED IN THIS PLAN OF SUBDIVISION.  
WITNESS MY HAND THIS 29<sup>TH</sup> DAY OF SEPT. 1980

OWNER: *Paul G. Kottis* 9/29/80  
WITNESS: *Walter Park* 9/29/80  
DATE

RECORDED AS PLAT # 4736 ON 11-12-80 AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND.

LOT 95  
SECTION 3, AREA 2  
A RESUBDIVISION OF LOT 81  
HIGHLAND LAKE  
ELECTION DISTRICT No 5  
HOWARD COUNTY, MARYLAND  
SCALE: 1"=100' SEPT. 20, 1980

ENGINEERS  
HODKINS ASSOCIATES, INC.  
231 JOSEPH SQUARE  
COLUMBIA, MD. 21044