

W.P.D. - 9/25/84 approved 9/25/84  
Late PM Stayer

9/24/84  
early PM  
9/25/84  
please

# PERMIT

05-360609

P 34353  
A 29980

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY  
BUREAU OF ENVIRONMENTAL HEALTH  
992-2330

## INDEXED

ELLICOTT CITY  
DISTRICT 5th

DATE 9/13/84

{ I.C.O.P.  
Time expired }

C. C. Cissel IS PERMITTED TO INSTALL  ALTER

ADDRESS 14079 Brighton Dam Road, Clarksville, MD 21029 PHONE 854-2006

SUBDIVISION \_\_\_\_\_ ROAD 7262 Mink Hollow Road LOT Parcel A

PROPERTY OWNER James Longen  
ADDRESS 9008 Breezewood Terrace  
Greenbelt, MD 20770

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

GARBAGE GRINDER? YES \_\_\_\_\_ NO

SEPTIC TANK CAPACITY 1000 GALLONS NUMBER OF BEDROOMS 3

Dry Well or Dry Well and Trench - 125 sq. ft. per bedroom. Minimum Total square feet 500.  
Inlet 3 feet below original grade. Bottom maximum depth 10 feet below original grade.  
Effective area begins at 3 feet below original grade. See application sheet for location.  
NOTE: If trench is used to make up absorber 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 7 feet of stone below distribution pipe.

Trench 75' min., 7' stone,

PLANS APPROVED BY Raymond Hodges DATE 10/19/83

- 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 AND AFTER PLACING GRAVEL IN TRENCH.
- 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 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, OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

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

\*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

29980



A 29980

THOMAS & MARIA MITCHELL

~~SUBDIVISION:~~

*Mink Hollow Rd*

LOT NUMBER:

*PARCELA*

DRY WELL OR DRY WELL AND TRENCH

125 sq. ft./bedroom

(IF NO  
GARBAGE  
GRINDER)

	<u>Septic Tank</u>	<u>Minimum Total square Feet</u>
3 bedroom	1000 gallon	<u>375</u>
4 bedroom	1250 gallon	<u>500</u>
5 bedroom	1500 gallon	<u>625</u>

Inlet 3 feet below original grade.

Bottom maximum depth 10 feet below original grade.

Effective area begins at 3 feet below original grade.

*See application sheet for Location*

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 7 feet of stone below distribution pipe.

*Permit Record*

# APPLICATION

A 29980

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES  
P.O. BOX 476 ELLICOTT, MARYLAND 21043  
TELEPHONE: 992-2330

*LOCATION OF DRY WELL*

*PLACE THE DRY WELL*

*200 FT FROM THE*

DISTRICT 5th

*BACK LOT LINE & 20 FT FROM THE* DATE 7/9/79

*RIGHT SIDE OF THE LOT AS SEEN WHEN  
FACING THE LOT FROM MINK HOLLOW RD*

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 Thomas C. & Maria M. Mitchell

ADDRESS 7244 Mink Hollow Road, Highland, Md. 20777

PHONE 596-9206

PROPERTY LOCATION:

*Thomas Mitchell Prop. s/d*

*JAMES LANGBEN*

*BP# 60483*

SUBDIVISION

LOT NO.

Parcel A

# 7262

ROAD AND DESCRIPTION

Southwest corner of Mitchell property on Mink Hollow Road - see attached

plat and description

*1/2 mile from Mtg County Line on left*

*near*  
1.093 acres

*TIMBERLINE OF FARM*

*SIGN*  
3 or 4 bedrooms

SIZE OF LOT

TYPE BLDG.

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.

SIGNATURE OF APPLICANT /s/ Thomas C. Mitchell

APPROVED BY Raymond Hodges

FOR \_\_\_\_\_

DATE 10/19/83

REJECTED BY \_\_\_\_\_

FOR \_\_\_\_\_

DATE \_\_\_\_\_

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

DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING

*7/25/79 Hold for Percease well  
Percease Capt. T. Mitchell*

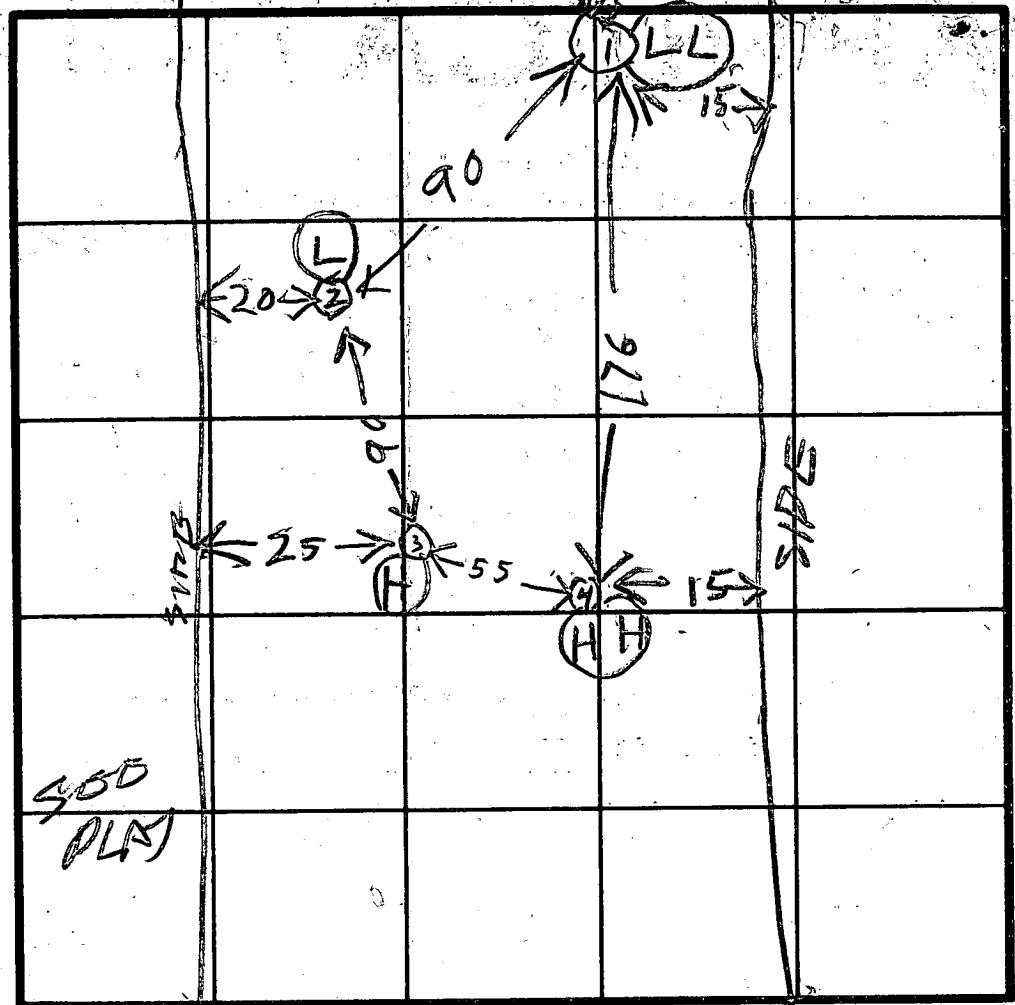
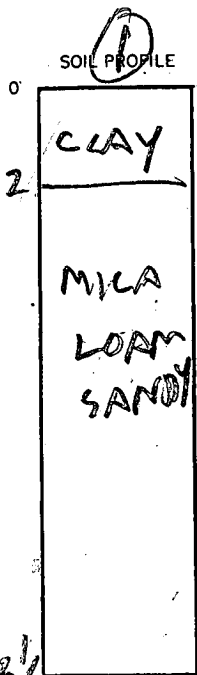
*7/26/79 - DM SAID PERC OK R/H*

*10/19/83 Specs Written*

# THIS IS NOT A PERMIT

MICHELL  
PROPERTY  
PARCELA

BACK



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

MINK Hollow. RD

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
7/25/79	1S	5 1/2	126	128	128	130	2
	1D	13 1/2	129	132	132	139	7
	2S	3 1/2	144	154	154	203	9
	2D	13 1/2	208	223	223	242	29
	3S	4	152	158	158	209	11
	3D	14	213	245	little per	FAIL	
	4S	3 1/2	220	222	222	224	2
	4D	14	237	240	240	247	7
	3M	7	307	309	309	312	3

REMARKS \_\_\_\_\_

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

TESTED BY RH ALSO PRESENT COLEMAN MITCHELL



B 1 1204

SEQUENCE NO. (OEP USE ONLY)

11/29/83  
9:30 Short

STATE OF MARYLAND  
PERMIT TO DRILL WELL

OEP PERMIT NUMBER

40-81-0336

fill in this form completely

Date Received

110783

OWNER INFORMATION

LOUGEN JAMES

9008 BREEDWOOD TER

GREENBELT MD 20700

B 3

LOCATION OF WELL

HOWARD

MITCHELL PR. PARA

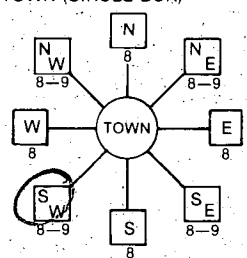
HISHLAND

52 NEAREST TOWN

MILES FROM TOWN (enter 0 if in town) 3 MI

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Mink Hollow Rd.

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

100 DISTANCE FROM ROAD

B 2 WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 5

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500

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

HOWARD COUNTY NAME A29980 COUNTY NO.

DATE ISSUED 5/6/84

CO SIGNATURE Frank Shinn EXP. DATE

NORTH GRID 488 0 0 0 EAST GRID 08 0 1 0 0 0

APPROXIMATE DEPTH OF WELL 150 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH

METHOD OF DRILLING (circle one)

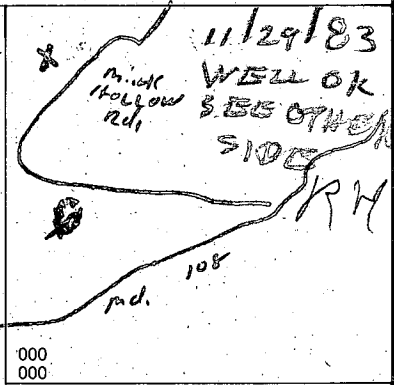
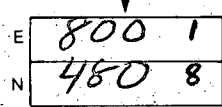
- AIR-ROTary
AIR-PERCussion
ROTARY (Hydraulic Rotary)
CABLE
REVERSE-ROTary
Drive-POINT

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

- 1. well
2.
3.

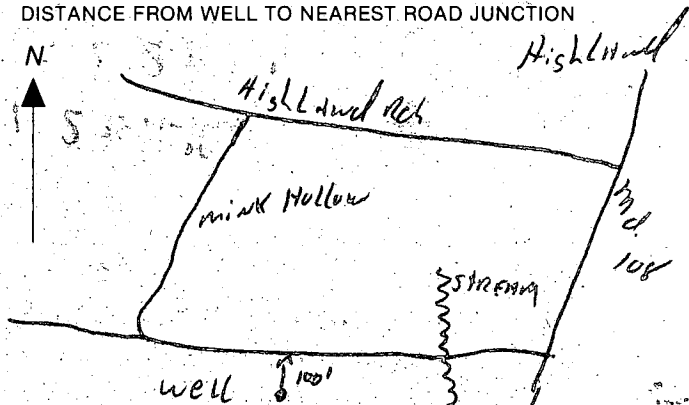
WRITE THE BOX NUMBER FROM THE MAP HERE



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
D THIS WELL WILL DEEPEMED AN EXISTING WELL

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 (OEP USE ONLY)

APPROP. PERMIT NUMBER GAP

FORCE FS PERMIT NO. 40-81-0336

SPECIAL CONDITIONS



C1 **0857**  
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

SEQUENCE NO. (OEP USE ONLY)

**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 **29980**

DATE Received

DATE WELL COMPLETED **1/29/83**

Depth of Well **225**  
 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL"  
**HO-81-0336**

OWNER **Lougen James**  
 last name first name  
 STREET OR RFD **Mink Hollow Rd.** TOWN  
 SUBDIVISION **Thomas Mitchell Property** SECTION LOT **Parcel A**

**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	
Top Soil	0	2	
Sandy	2	21	
Sand Stone	21	30	✓
Micka	30	50	
Sand Stone	50	55	✓
Micka	55	225	

**GROUTING RECORD**  
 WELL HAS BEEN GROUTED (Circle Appropriate Box) **Y** **N**  
 TYPE OF GROUTING MATERIAL  
 CEMENT **CM** BENTONITE CLAY **BC**  
 NO. OF BAGS **42** NO. OF POUNDS **300**  
 GALLONS OF WATER **42**  
 DEPTH OF GROUT SEAL (to nearest foot)  
 from **0** ft. to **28** ft.  
 (enter 0 if from surface)

**CASING RECORD**  
 casing types insert appropriate code below  
**ST** **CO** **PL** **OT**  
 STEEL CONCRETE PLASTIC OTHER  
 MAIN CASING TYPE **PL** **6** **31**  
 Nominal diameter top (main) casing (nearest inch) Total depth of main casing (nearest foot)

**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.)  
 EACH SCREEN **HO** **29** **225**  
 SLOT SIZE 1 2 3  
 DIAMETER OF SCREEN (NEAREST INCH)

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  
 TELESCOPE CASING LOG INDICATOR OTHER DATA

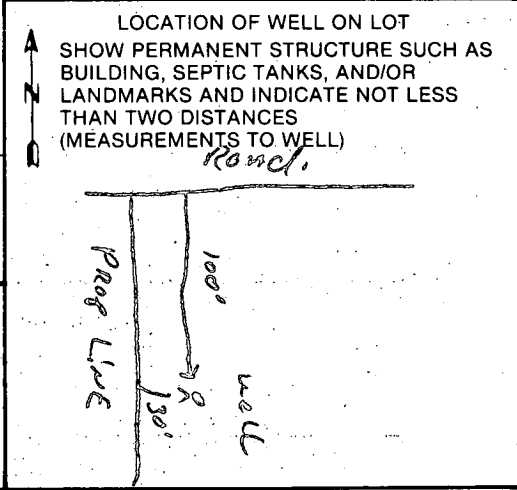
**C3**  
**PUMPING TEST**  
 HOURS PUMPED (nearest hour) **6**  
 PUMPING RATE (gal. per min. to nearest gal.) **3**  
 METHOD USED TO MEASURE PUMPING RATE **Bucket**  
 WATER LEVEL (distance from land surface) BEFORE PUMPING **24** WHEN PUMPING **225**  
 TYPE OF PUMP USED (for test)  
**A** air **P** piston **T** turbine  
**C** centrifugal **R** rotary **O** other (describe below)  
**J** jet **S** submersible

**PUMP INSTALLED**  
 DRILLER WILL INSTALL PUMP YES **NO**  
 IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE  
 TYPE OF PUMP INSTALLED 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** 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. **273**  
 DRILLERS SIGNATURE **Ralph E. Wayne**  
 SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)



**FIELD DATA SHEET**  
**HOWARD COUNTY WELL YIELD TEST**

Well Permit No. HO - 81-0336  
 Location of property (road) Mink Hollow Rd.  
 Subdivision Thomas Mitchell Property Lot A Block      Plat      Sec.       
 Well Driller Ralph Mayne Owner James Longen

Depth of well 225 ft  
 Distance of measuring point (M.P.) above ground 2 ft  
 Static water level (S.W.L.) below M.P. 24 ft

I. High rate pumping -- reservoir drawdown

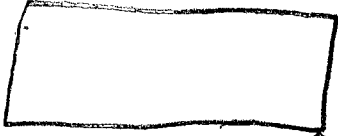
Time pump started 7:15 Pumping rate 9 G.P.M.  
 Total time 15 min to reach pumping water level 80 ft. below M.P.

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 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
7:30	80 ft	20 sec	-	3 G.P.M.
7:45	80 ft	20 sec	-	3 G.P.M.
8:00	80 ft	20 sec	-	3 G.P.M.
8:15	80 ft	20 sec	-	3 G.P.M.
8:30	80 ft	20 sec	-	3 G.P.M.
8:45	80 ft	20 sec	-	3 G.P.M.
9:00	80 ft	20 sec	-	3 G.P.M.
9:15	80 ft	20 sec	-	3 G.P.M.
9:30	80 ft	20 sec	-	3 G.P.M.
9:45	80 ft	20 sec	-	3 G.P.M.
10:00	80 ft	20 sec	-	3 G.P.M.
10:15	80 ft	20 sec	-	3 G.P.M.
10:30	80 ft	20 sec	-	3 G.P.M.
10:45	80 ft	20 sec	-	3 G.P.M.
11:00	80 ft	20 sec	-	3 G.P.M.
11:15	80 ft	20 sec	-	3 G.P.M.
11:30	80 ft	20 sec	-	3 G.P.M.
11:45	80 ft	20 sec	-	3 G.P.M.
12:00	80 ft	20 sec	-	3 G.P.M.
12:15	80 ft	20 sec	-	3 G.P.M.
12:30	80 ft	20 sec	-	3 G.P.M.
12:45	80 ft	20 sec	-	3 G.P.M.
1:00	80 ft	20 sec	-	3 G.P.M.
1:15	80 ft	20 sec	-	3 G.P.M.
1:30	80 ft	20 sec	-	3 G.P.M.

3 bags





65'

(W)

no tag

dimension

Mink Hollow Rd

PARCEL D  
678/019

MITCHELLS & ASSOCIATES  
-REAL ESTATE-  
7244 Mink Hollow Rd.  
Highland, Md. 20777  
301-854-3206

JAMES LONGEN  
9008 BREEZEWOOD TERR  
# 302  
GREENBELT, MD 20770

PARCEL B (H) 345-6553  
(W) 622-8140

11/8/83  
Well Section  
519° 01' 30" W 20.26'

S 57° 50' 13" W 101.69'

PARCEL A  
1.0933 ACRES

PERC AREA

678/014

176

678/015

300.00'

S 77° 05' 00" E

258/243

70

55

20.266'

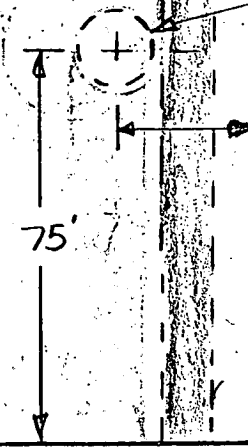
PROPOSED  
HOUSE LOCATION

N 00° 50' 56" E

DRIVEWAY

SEE STAKE EXISTING IN GROUND;  
WELL MAY BE LOCATED  
ANY WHERE WITHIN THIS  
20' DIA AREA, THIS IS  
APPROXIMATE & CHANGE AS REQD.

PARCEL A THOMAS MITCHELL PROPERTY  
TAX MAP 40 PARCEL 131  
5th ELECTION DISTRICT  
HOWARD COUNTY, MD  
SCALE 1" = 50' JULY 22, 1980



N 56° 55' 00" E 125.00'

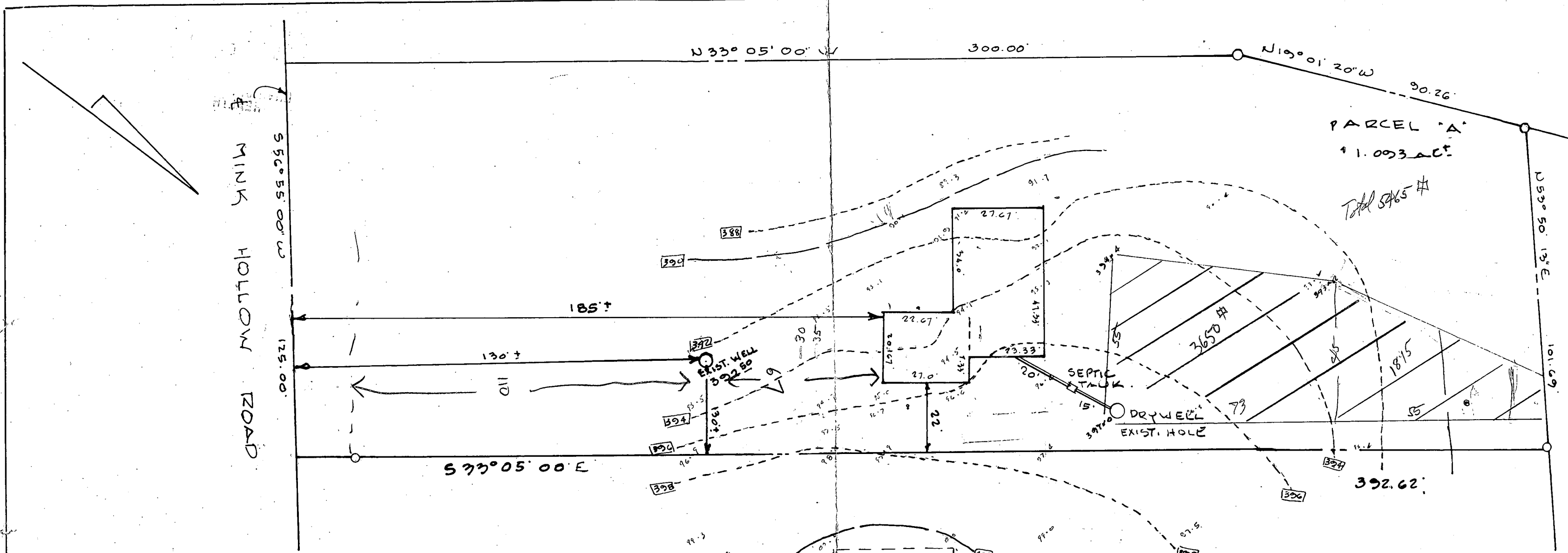
MINK HOLLOW ROAD



Walter Paul

in 7/1/84

B.P. Appl.  
owner - ~~Al~~  
L



PARCEL 'A'  
1.093 AC.

Total 5465 #

PLOT PLAN  
 PARCEL 'A' THOMAS MITCHELL PROPERTY  
 TAX MAP 40 PARCEL 431  
 5th ELECTION DISTRICT  
 HOWARD COUNTY, MD  
 SCALE 1"=30' AUG. 2, 1984

DRY WELL DATA:	
EX. GR.	397.00
FIN. GR.	397.00
INV.	394.00
SEPTIC TANK DATA	
EX. GR.	396.8
FIN. GR.	396.8
INV. OUT	394.3
INV. IN	394.6
INV. @ HOUSE	395.00

3A

HUDKINS ASSOCIATES, INC.  
 SUITE 231 JOSEPH SQUARE  
 5485 HARPER FARM ROAD  
 GREENBELT, MD 21046

OWNER: JAMES LONGEN  
 9008 BREEZEWOOD TERRACE  
 GREENBELT, MD 20170  
 345-6553

60483