

05-362121

# PERMIT

P 39262

A 37283

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH DISTRICT \_\_\_\_\_

HOWARD COUNTY

BUREAU OF ENVIRONMENTAL HEALTH

461-9933

DATE 4/28/82

INDEXED

DATE SYSTEM APPROVED 6/11/87

INSPECTOR Stacy

South Carroll Backhoe, Inc. IS PERMITTED TO INSTALL  ALTER \_\_\_\_\_

ADDRESS 4410 Salem Bottom Road, Westminster, Maryland PHONE 875-4197

SUBDIVISION O'Keefe Property ROAD 7163 Pindell School LOT \_\_\_\_\_

PROPERTY OWNER William & Laura Barkman

ADDRESS \_\_\_\_\_

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

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

184  
+  
736

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 187 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 9 feet below original grade. Effective area begins at 4 feet below original grade. 5 feet of stone below distribution pipe.

LOCATION - Place 1st trench 130 feet down the front (657.50') lot line (from the juncture of the 453.22 & 657.50') lot corner) and 115 feet off the front lot line as seen when facing property from Pindell School Road. Run trenches along contour towards the left (453.22') lot line. MAKE SURE TO MAINTAIN MINIMUM 100' FROM WELL TO SEPTIC. NOTE: TRENCH LOCATION REFLECT ADJUSTMENT TO PERC FIELD.

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 B. Nixon DATE 10/03/86

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(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 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.

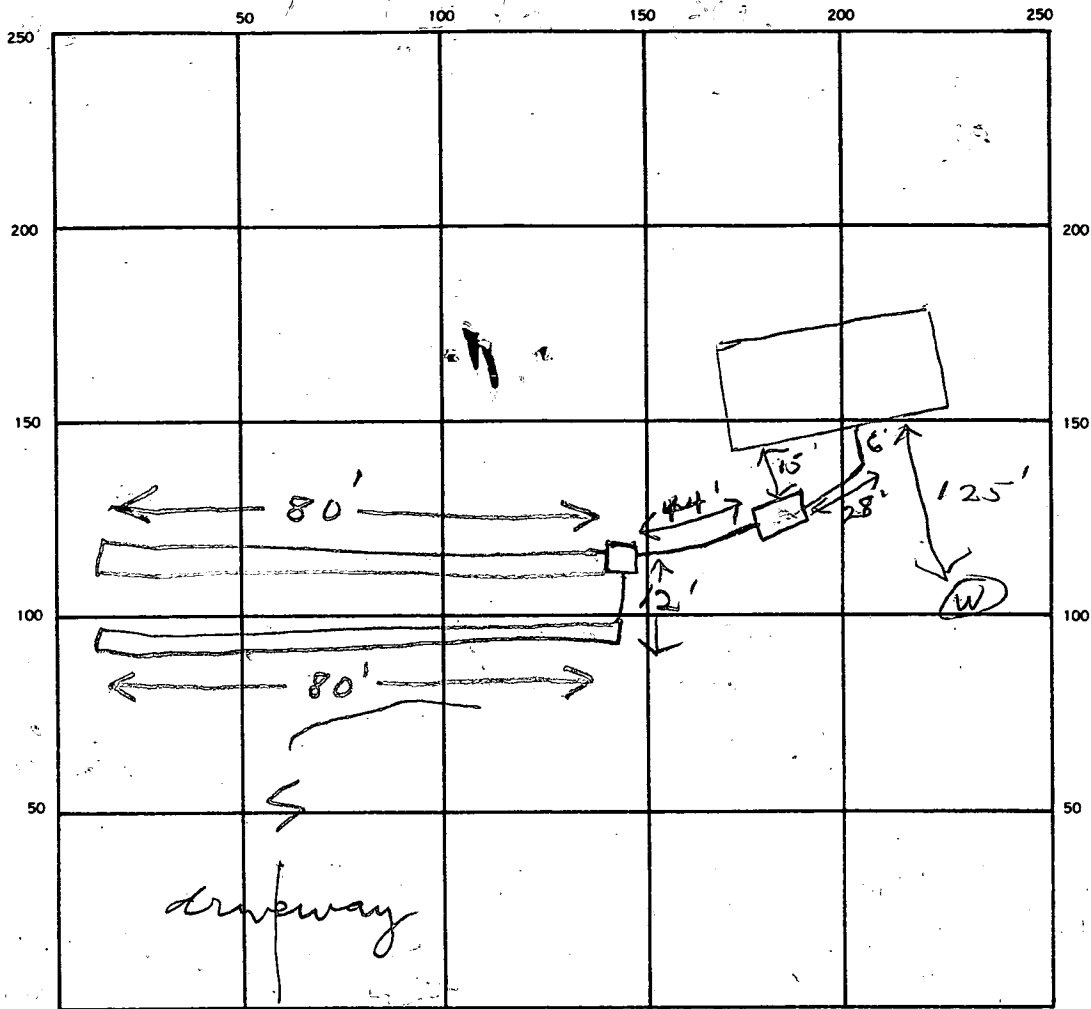
PERMIT SIGNED AND RETURNED 7/10/87  
Serial # 38836

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

\*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1186

37283



INDICATE NORTH. — NAME ADJOINING ROADWAY AS BASE LINE.

*Purdell School*

SEPTIC TANK. LEVEL  1500 gal CLEANOUTS  ST

DISTRIBUTION BOX. LEVEL \_\_\_\_\_

DRAIN FIELD/TILE FIELD. DEPTH 9 FT. TRENCH WIDTH 2 FT. INLET DEPTH 4 FT.

EFFECTIVE GRAVEL DEPTH 5 FT. TOTAL LENGTH 160 FT.

NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 800 SQ. FT.

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

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

REMARKS 6/11/87 OK to cover all work of

DATE SYSTEM APPROVED 6/11/87

INSPECTOR Stanger







B 1 4354

SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

OEP PERMIT NUMBER

40-81-1702

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

please print or type

fill in this form completely

Date Received

12/1/86

BUILDER OWNER INFORMATION

BOYD (JR) PASCAL 15 Last Name Owner First Name 34 459 REND ROAD 36 Street or RFD 55 FREDERICK 57 Town 70 State 72 ID 21709 Zip 76

B 3

LOCATION OF WELL

HOWARD 8 COUNTY 21 MAP 41 P309 23 SUBDIVISION 42 SECTION 44 46 LOT 48 50 52 NEAREST TOWN CAROLSVILLE 71 MILES FROM TOWN (enter 0 if in town) 04 MI 73 76 77 78

DRILLER INFORMATION

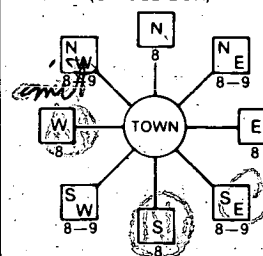
Louis H. Woodward 258 Driller's Name 77 License No. 80 P. H. Woodward Inc.

Firm Name 3 Box 319 Satchsburg, MD 21783

Address Signature Date 4/86

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Randall School Road 11 NEAR WHAT ROAD 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



520 34 37 DISTANCE FROM ROAD

ENTER FT or MI 57

B 2 WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 5 8 12

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 1000 14 20

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- [D] HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
[F] FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
[ ] 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 A 37283 COUNTY NO. OEP SIGNATURE DATE ISSUED 100680 B. Nicker 04/06/87 EXP. DATE NORTH GRID 487000 EAST GRID 082E000

APPROXIMATE DEPTH OF WELL 200 24 28 FEET

APPROXIMATE DIAMETER OF WELL 6 NEAREST 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

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 DEEPM AN EXISTING WELL
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 52

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

APPROP. PERMIT NUMBER GAP 54 63

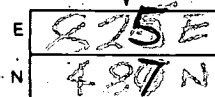
FORCE BN WRITE INITIALS IN BOX PERMIT No. 40-81-1702 67 68 70 71 72 73 74 75 76 77 78 79

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

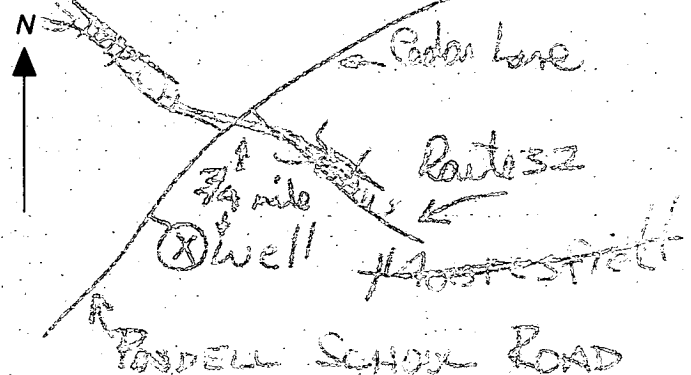
SOURCES OF DRILLING WATER

- 1. Well
2.
3.

WRITE THE BOX NUMBER FROM THE MAP HERE



DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION



SPECIAL CONDITIONS

- ① LOCATION O.K.
- ② ~~WELL~~ GROUPER LATE (11 45 AM)  
SHOULD HAVE ARRIVED 11 00 AM
- ③ 21 FT CASING 17 FT OUT OF GROUND
- ④ 18 FT OPEN HOLE
- ⑤ 4 BAGS USED
- ⑥ WELL O.K. —

12/1/81 - R. Hodge also Present Dinner  
Woodward  
& daughter

7/2/86  
3:00 PM

41-4-369

# APPLICATION

PERCOLATION TESTING

A 37283

P \_\_\_\_\_

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

DISTRICT \_\_\_\_\_

DATE 4/26/86

*7/2/86  
perc OK'd  
pending certified  
plan*

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 DONALD O'KEEFE

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

PROSPECTIVE BUYER WILLIAM & LAURA BARKMAN ✓ WORK 670-4844

ADDRESS 7391 MINTER LANE PHONE \_\_\_\_\_

PROPERTY LOCATION: CLARKSVILLE 20405

BLDG. PERMIT SIGNED  
AND RETURNED 1/6/87 SAGL  
BP# 9461

SUBDIVISION 7163 MOVING IN 10 DAYS. PLEASE SEND QUERIES QUICKLY. LOT NO. \_\_\_\_\_

ROAD AND DESCRIPTION PINDELL SCHOOL ROAD 1000' OFF ROAD 7163 Pindell Sch.

\* GREEN OPEN GRASSWAY JUST PAST 7139 PINDELL SCHOOL ON LEFT

TAX MAP 41 GRID 9 PARCEL # 369 near John Hopkins ≈ 4+5th lot

SIZE OF LOT 4.64 ACRES (Right away) or 7 lots  
TYPE BLDG. single 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.

*Barbara M. Perry, Ken & Ken Conroy Jr.*  
(SIGNATURE OF APPLICANT)

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

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

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

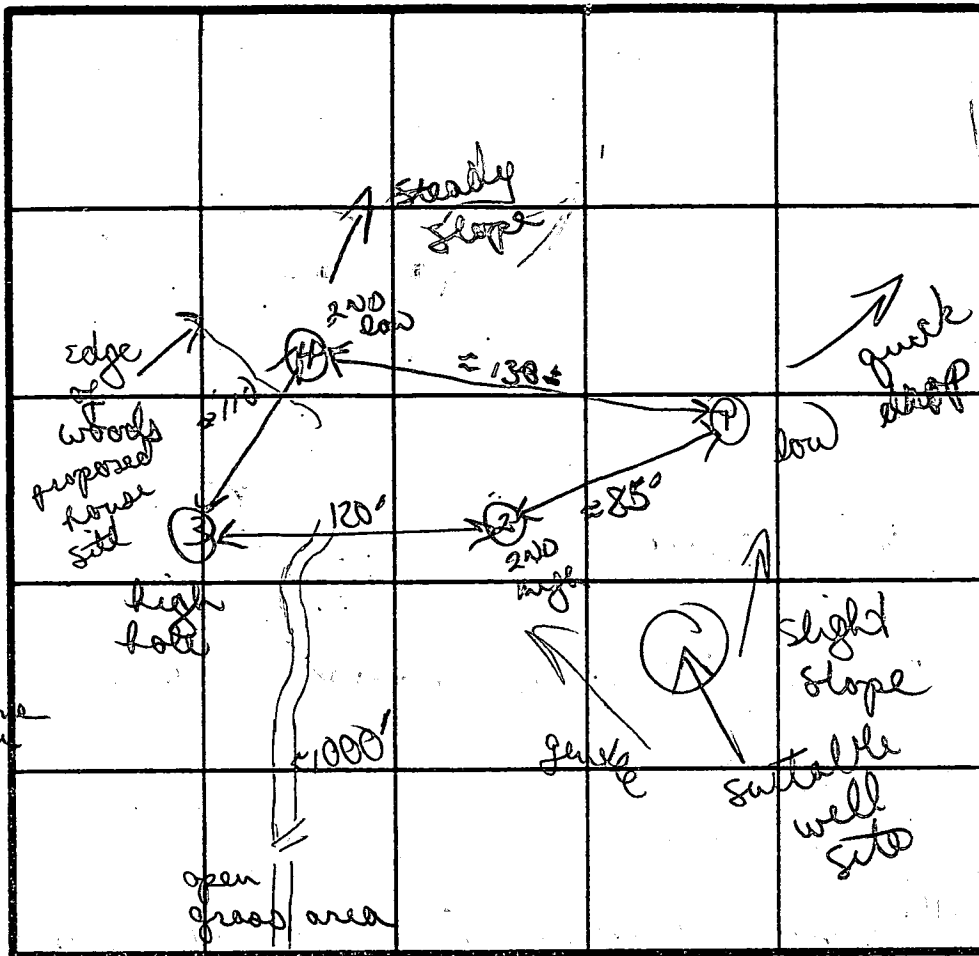
REASONS FOR REJECTION OR HOLDING pending certified field located plan

\* 1 HOLE APPARENTLY LOCATED IN DRIVEWAY EASEMENT,

# THIS IS NOT A PERMIT

①  
SOIL PROFILE

6" A ZONE  
orange/red clay (some chunks hard rock (2-6"))  
4' changes into powdery brown to tan brown silty mica loam  
8' white sandstone quartz layer  
back to tan silty loam  
14" D



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

③  
red tan powdery sandy/clay loam  
changing into brown gray sandy silty mica loam  
2'

②

heavy red/orange clay to clay loam  
4' changing into orange brown silty mica loam  
14" D

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
7/2/86	①	4'S	154	158	158	202	4 min	
		8 1/2 M	154	200	200	212	12 min	
		14' D	bottom (see profile)					
	②	4'S	218	223	223	230	7 min	
		8 1/2 M	217	220	221	226	5 min	
		14 D	bottom (see profile)					
	③	2 1/2 S	242	246	246	251	5 min	
		12 1/2 D	bottom (see profile)					
	④	5'S	254	305	305	325	20 min	

④  
red/yellow clay w/ hard (S) rock fragments  
1 1/2' ↓  
red brown silty loam (w mica)  
5-10% small hard rocks  
12 1/2 D

TO TEST 4' BOTTOM 9' (soils variable)

REMARKS original proposed house site may be lower than high holes) will have to build up  
TYPE OF SOIL (soils variable) clay (orange/red) - up to 4' below mostly silty mica loam

TESTED BY B. Neyer ALSO PRESENT Olen, "pops" owner

EH-12-1079

# APPLICATION

PERCOLATION TESTING

A 37283

P \_\_\_\_\_

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

DISTRICT \_\_\_\_\_

DATE 4/26/86

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 DONALD O'KEEFE O'KEEFE

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

PROSPECTIVE BUYER WILLIAM & LAURA BARKMAN WORK - 670-4844-43

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

PROPERTY LOCATION:

SUBDIVISION \_\_\_\_\_ LOT NO. \_\_\_\_\_

ROAD AND DESCRIPTION PINDELL SCHOOL ROAD

TAX MAP 41 <sup>GRID 9</sup> PARCEL # 369

SIZE OF LOT 4.64 ACRES TYPE BLDG. SINGLE  
(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.

Pascal H. Rempe  
(SIGNATURE OF APPLICANT) Rempe Rempe Const. Co.

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

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

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

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

\_\_\_\_\_  
\_\_\_\_\_

# 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 \_\_\_\_\_

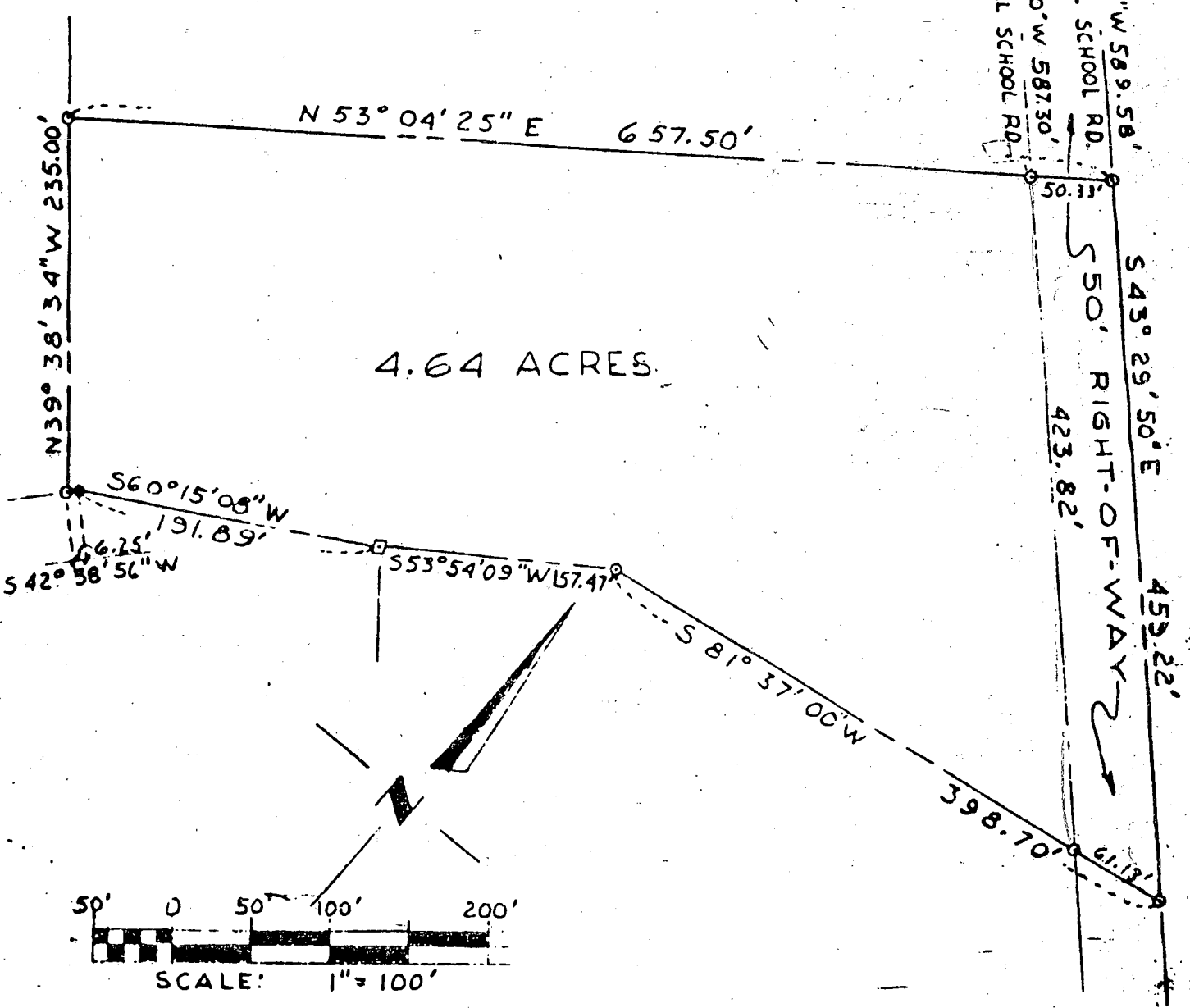
TYPE OF SOIL \_\_\_\_\_

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

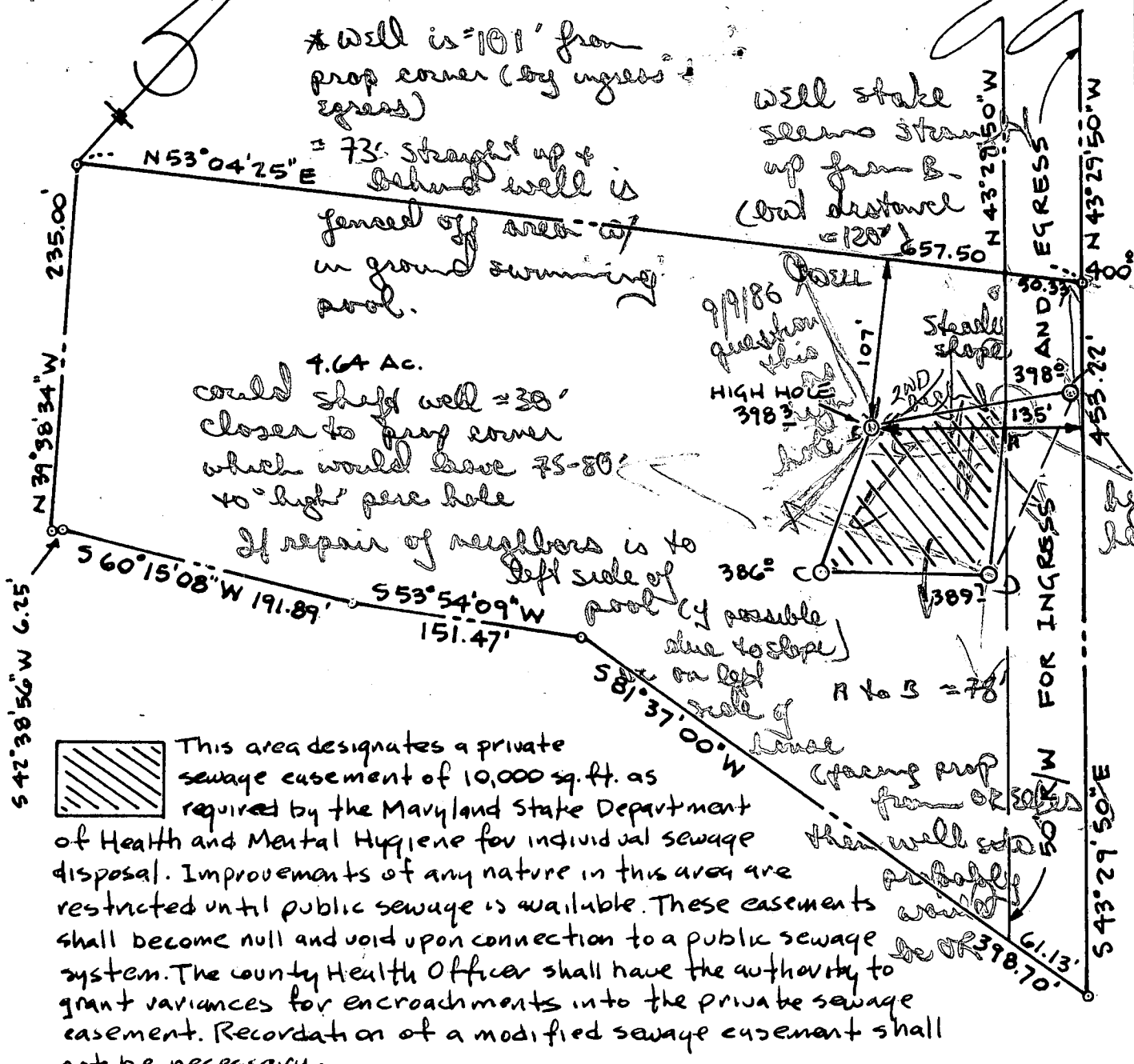
Donald O'Neil  
W- 38' 00"  
1- 0'

Pindell School Rd.

N 43° 29' 50" W 589.58'  
TO PINDELL SCHOOL RD.  
N 43° 29' 50" W 587.30'  
TO PINDELL SCHOOL RD.







\* Well is 101' from prop corner (by ingress & egress)

Well stake seems straight up from B. (but distance = 120')

Behind well is fenced off area of in ground swimming pool.

4.64 Ac. could shift well = 30' closer to prop corner which would have 75-80' to 'high' perc hole

If repair of neighbors is to left side of pool (if possible due to slope) 58' on left side of parcel



This area designates a private sewage easement of 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. These easements shall become null and void upon connection to a public sewage system. The county Health Officer shall have the authority to grant variances for encroachments into the private sewage easement. Recordation of a modified sewage easement shall not be necessary.

Percolation test holes shown hereon have been field located and shown as "O".

The lots hereon comply with the minimum ownership width and lot areas as required by the Maryland State Department of Health and Mental Hygiene.

Percolation areas and water wells for adjoining lots have been shown where pertinent.

APPROVED: For Private Water and Private Sewage systems  
 \_\_\_\_\_  
 County Health Officer Date 5/27/86

ENGINEER  
 John L. Schneider P.E.  
 100 N. Rolling Road  
 Catonsville, Md. 21228  
 301-744-1945

PERCOLATION TEST PLAT	
O'KEEFE PARCEL L-645 F-342	
ELECTION DISTRICT HOWARD COUNTY - MARYLAND	
SCALE 1"=100'	AUGUST 22, 1986



10/3/86 THIS IS NOT FINAL  
 ADDITION PLAT(S) TURNED IN W/ NEW DISTANCE TO BACK LOT LINE

100.02
71.75
304.06
996.93
27.48
0204
05.19
46.29
69.79
09.49
06.82
26.22
92.14
11.21
45.15
79.71
44.40

The coordinate is based on State

PINDELL SCHOOL ROAD

and d. Way

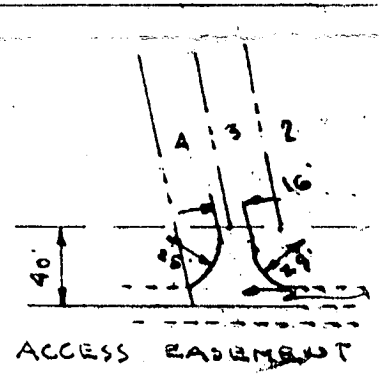
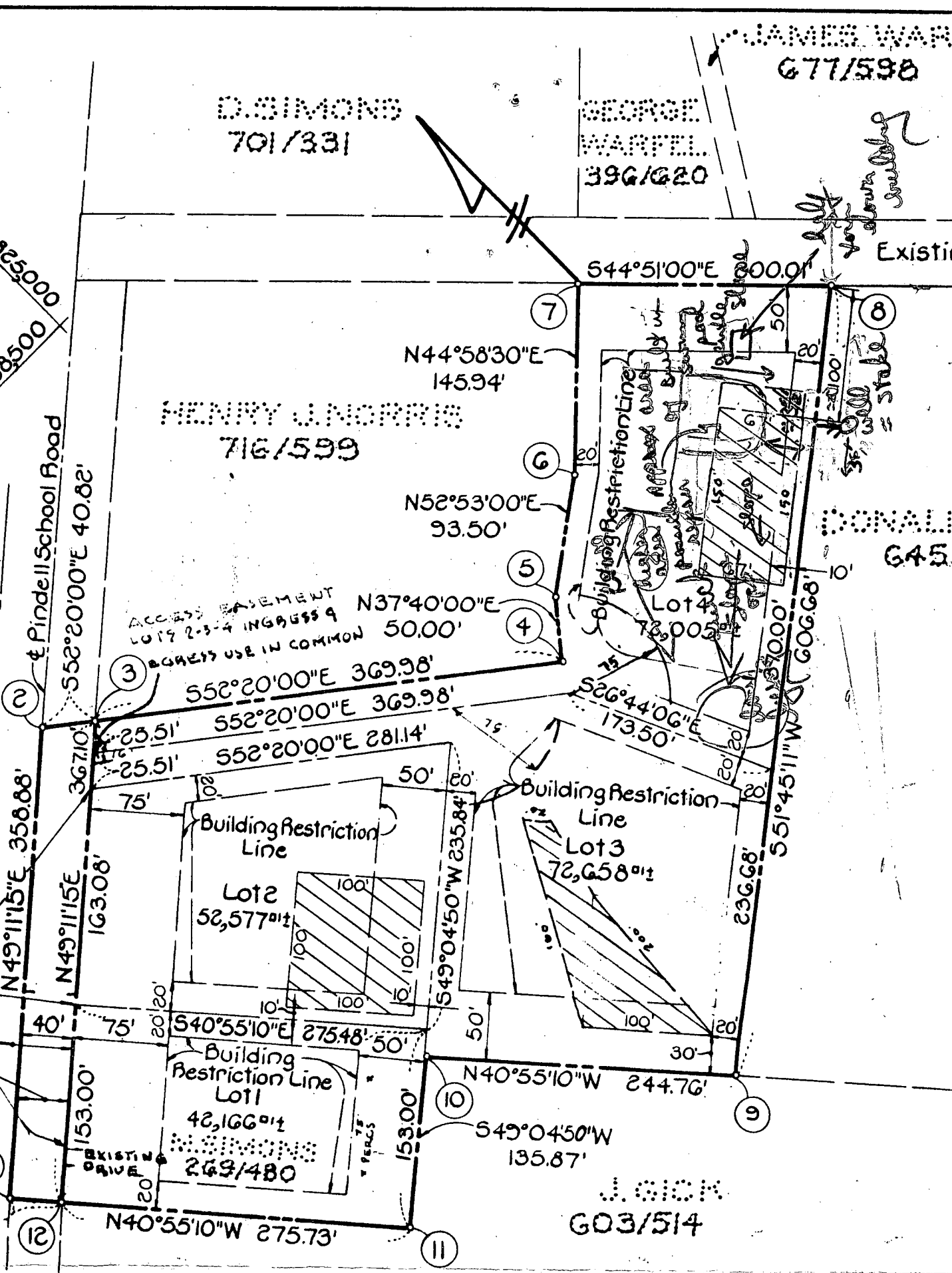
10"W 40.00'

designates a private sewage easement of 1000 square feet as required by the Maryland Department of Health and Mental Hygiene for individual improvements of any nature in this area are public sewerage is available and servicing any are constructed on these building sites. all become null and void upon connection to public sewerage system.

lots	5
ways to be recorded	11.885 Ac.±
ing strips	0.333 Ac.±
division to be recorded	12.218 Ac.±

private water and private sewer- Howard County Health Department

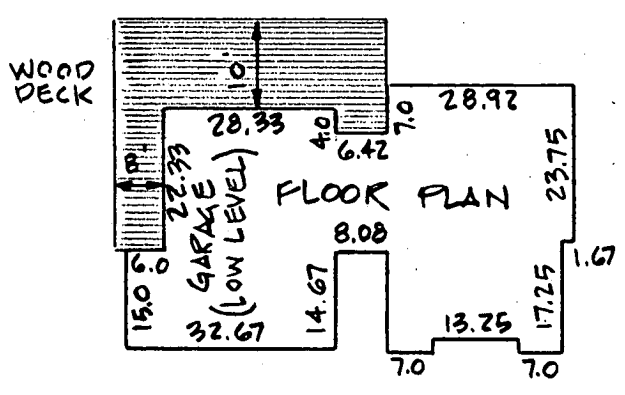
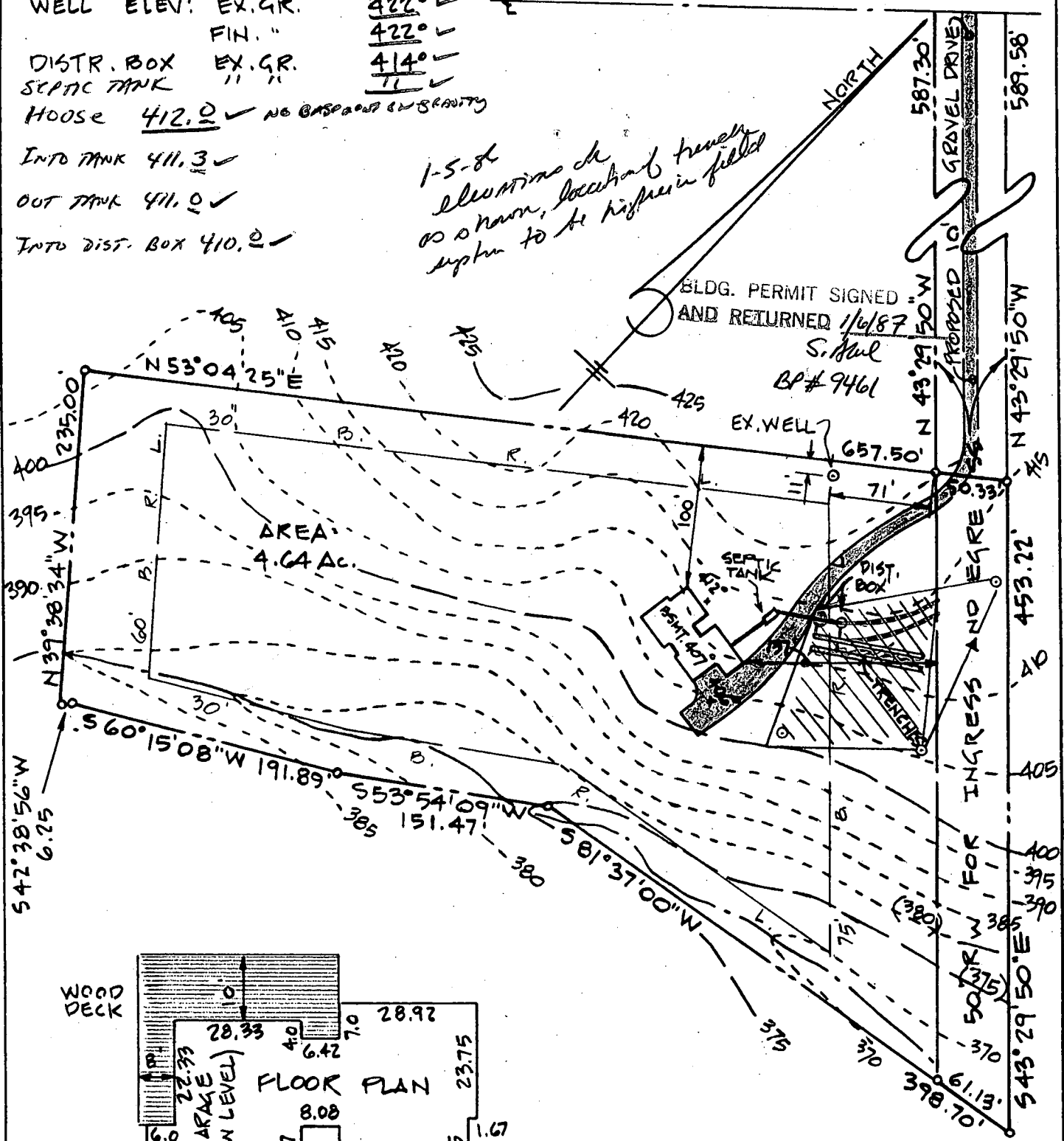
OWNER'S CERTIFICATE  
I, Mary Margaret Simons, widow, owner of the proper



HOUSE ELEV: BSMT 407° ✓  
 FIN. FL. 416° ✓  
 WELL ELEV: EX. GR. 422° ✓  
 FIN. " 422° ✓  
 DISTR. BOX EX. GR. 414° ✓  
 SEPTIC TANK " " 11 ✓  
 HOOSE 412.0 ✓ NO GAS PUMP OR SEWERAGE  
 INTO TANK 411.3 ✓  
 OUT TANK 411.0 ✓  
 INTO DISTR. BOX 410.0 ✓

# PINDELL SCHOOL ROAD

*1-5-86  
 elevations de  
 on shown, location of trench  
 up to 41 higher in field*



1"=30' SCALE FOR CLARITY

ENGINEER  
 John L. Schneider, P.E.  
 100 N. Rolling Road  
 Catonsville, Md. 21228  
 301-744-1945

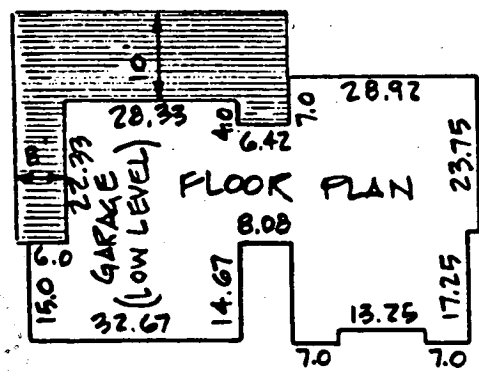
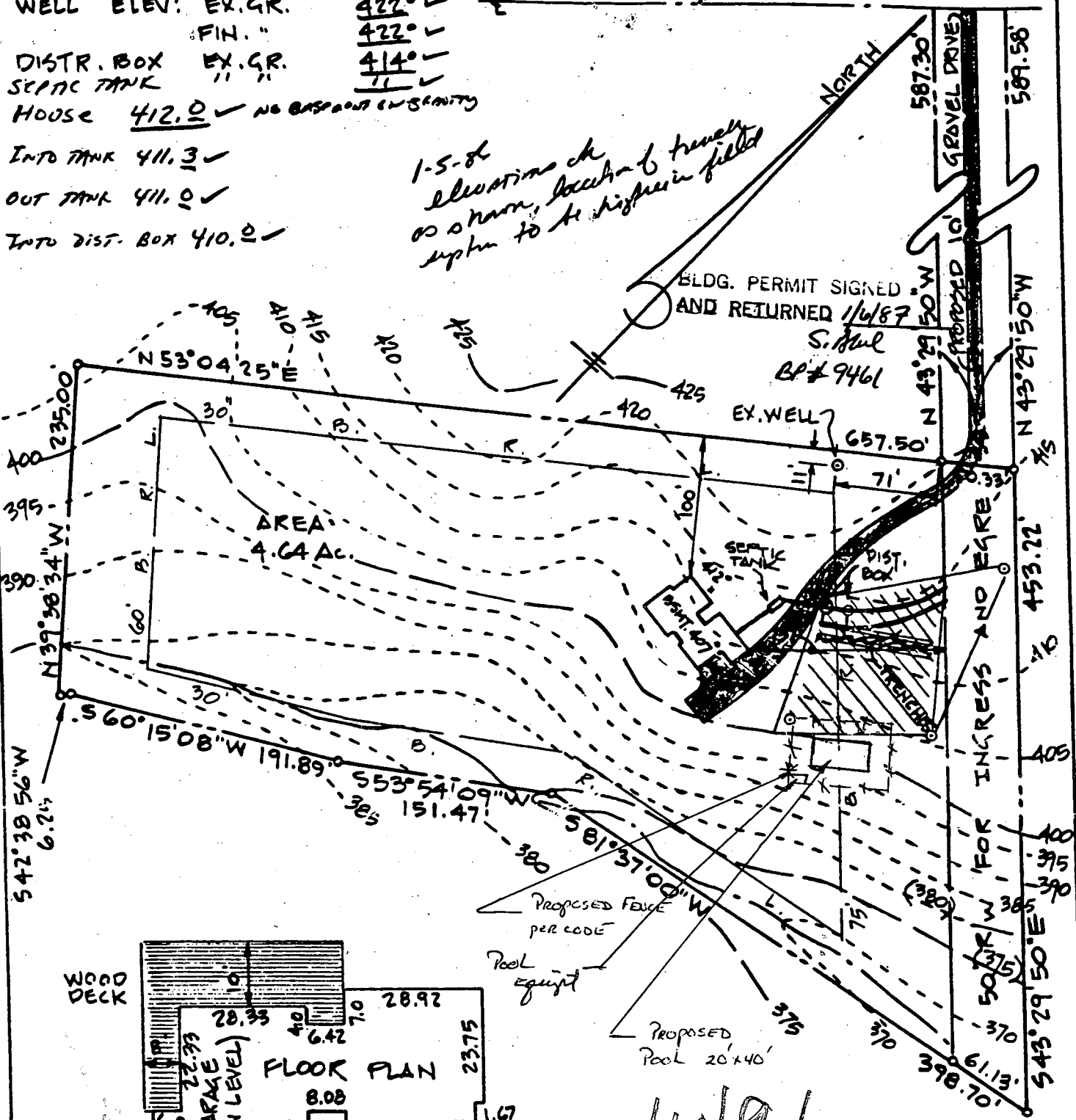
GRADING STUDY		
O'KEEFE PARCEL L 645 F 342		
ELECTION DISTRICT HOWARD COUNTY - MARYLAND		
SCALE 1"=100'	NOV. 26, 1986	

HOUSE ELEV: BSMT 407.0 ✓  
 FIN. FL. 416.0 ✓  
 WELL ELEV: EX. GR. 422.0 ✓  
 FIN. " 422.0 ✓  
 DISTR. BOX EX. GR. 414.0 ✓  
 SEPTIC TANK " " 41.0 ✓  
 HOUSE 412.0 ✓ NO BASEMENT EXISTING

# PINDELL SCHOOL ROAD

INTO TANK 411.3 ✓  
 OUT TANK 411.0 ✓  
 INTO DIST. BOX 410.0 ✓

*1-5-86  
 elevations ok  
 as shown, location to travel  
 up to to higher in field*



1"=30' SCALE FOR CLARITY

7/10/91  
 PLANS OK  
 TO SIGN  
 JH

ENGINEER  
 John L. Schneider, P.E.

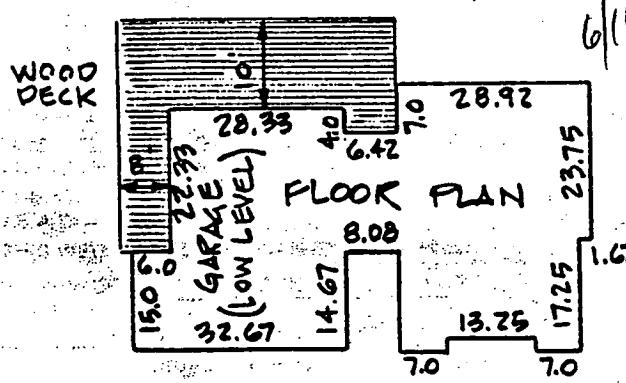
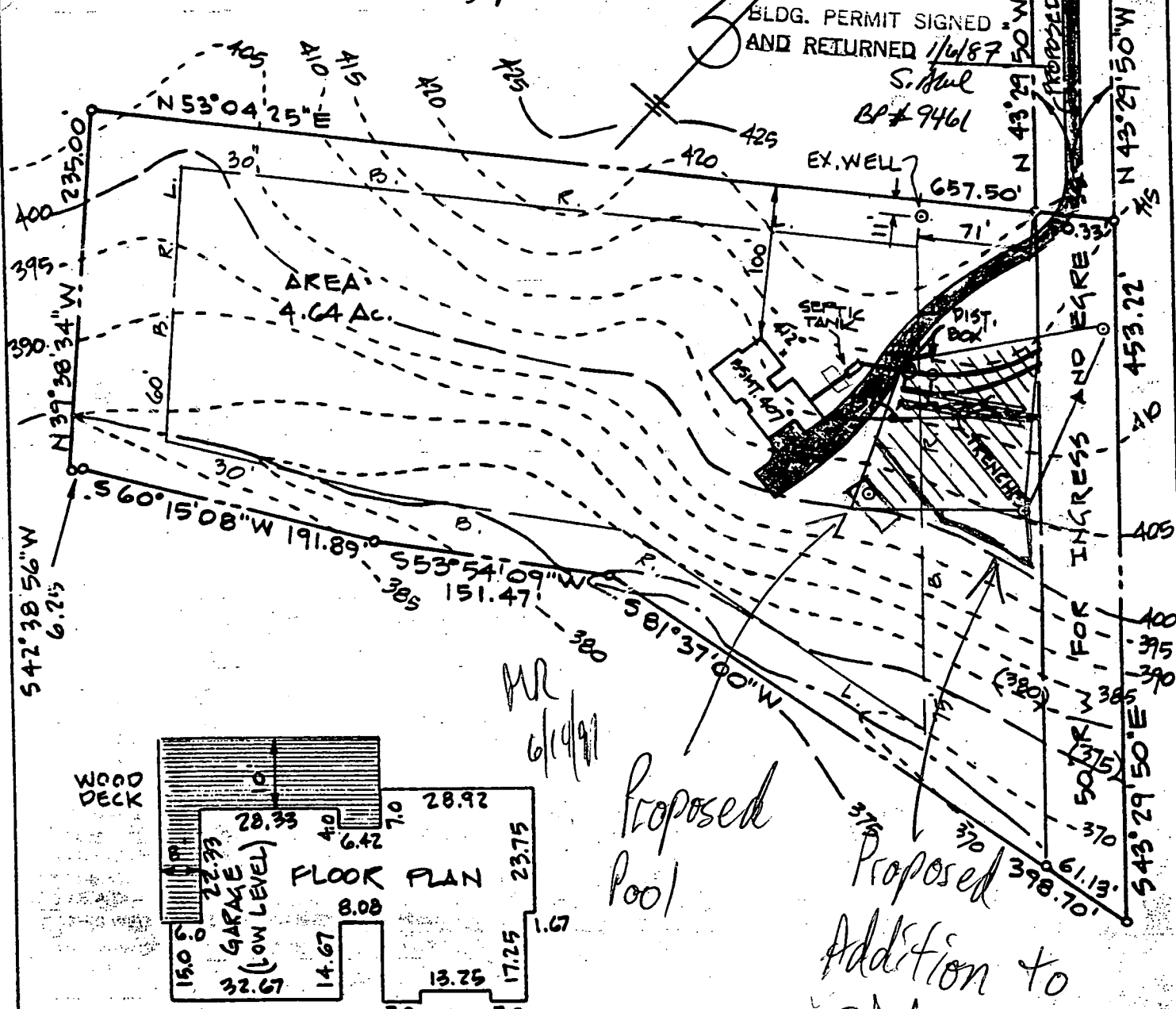
SCALE: 1" = 100'

HOUSE ELEV: BSMT 407.0 ✓  
 FIN. FL. 416.0 ✓  
 WELL ELEV: EX. GR. 422.0 ✓  
 FIN. " 422.0 ✓  
 DISTR. BOX EX. GR. 414.0 ✓  
 SEPTIC TANK " " " ✓  
 HOUSE 412.0 ✓ NO CASPAINT EX. GRAVITY

# PINDELL SCHOOL ROAD

INTO TANK 411.3 ✓  
 OUT TANK 411.0 ✓  
 INTO DISTR. BOX 410.0 ✓

*1-5-88  
 elevations in  
 as shown, location of trench  
 up to to highest field*



1"=30' SCALE FOR CLARITY

*Proposed Pool*  
*Proposed Addition to SDA for Pool*

ENGINEER  
 John L. Schneider, P.E.  
 100 N. Rolling Road