

6/18/99  
1:00-7/2/99  
9:30 (Pump check)

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 511584

A 50193-D

DISTRICT \_\_\_\_\_

DATE 5/13/99

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXXX~~ 410-313-2640

DATE SYSTEM APPROVED 7/2/99

INSPECTOR DCS

# 355784  
INDEXED

Hatfields Equipment IS PERMITTED TO INSTALL  ALTER \_\_\_\_\_

ADDRESS 13785 Burntwoods Road, Glenelg, MD 21737 PHONE 301-854-6172

SUBDIVISION Abe Property LOT Parcel #1 ROAD 15440 Roxbury Road

PROPERTY OWNER Chuck Sacks

ADDRESS \_\_\_\_\_

SEPTIC TANK CAPACITY 1000 GALLONS

NUMBER OF BEDROOMS 3

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 210

\*\*\*PUMPED SEPTIC SYSTEM\*\*\* *AM*

INSTALL: 1-1000 Gallon ~~Top Seamed~~ Pump Chamber

NOTES - Septic pump detail to be provided by installer prior to issuance of septic permit.

- Pump performance test is necessary prior to Health Department approval of pumped septic system.

TRENCHES - Trench to be 3 feet wide. Inlet 5.0 feet below original grade. Bottom maximum depth 7.0 feet below original grade. Effective area begins at 5.0 feet below original grade. 2.0 feet of stone below distribution pipe.

LOCATION - From the junction of the 302.56' and 250.51' lot lines, place the distribution box 125 feet down the 250.51' lot line and 10 feet off that same lot line. Run trenches along contour towards the 178.19' lot line.

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

PLANS APPROVED BY Glen Savage DATE 12-17-98

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 25/40 PVC OR ABS

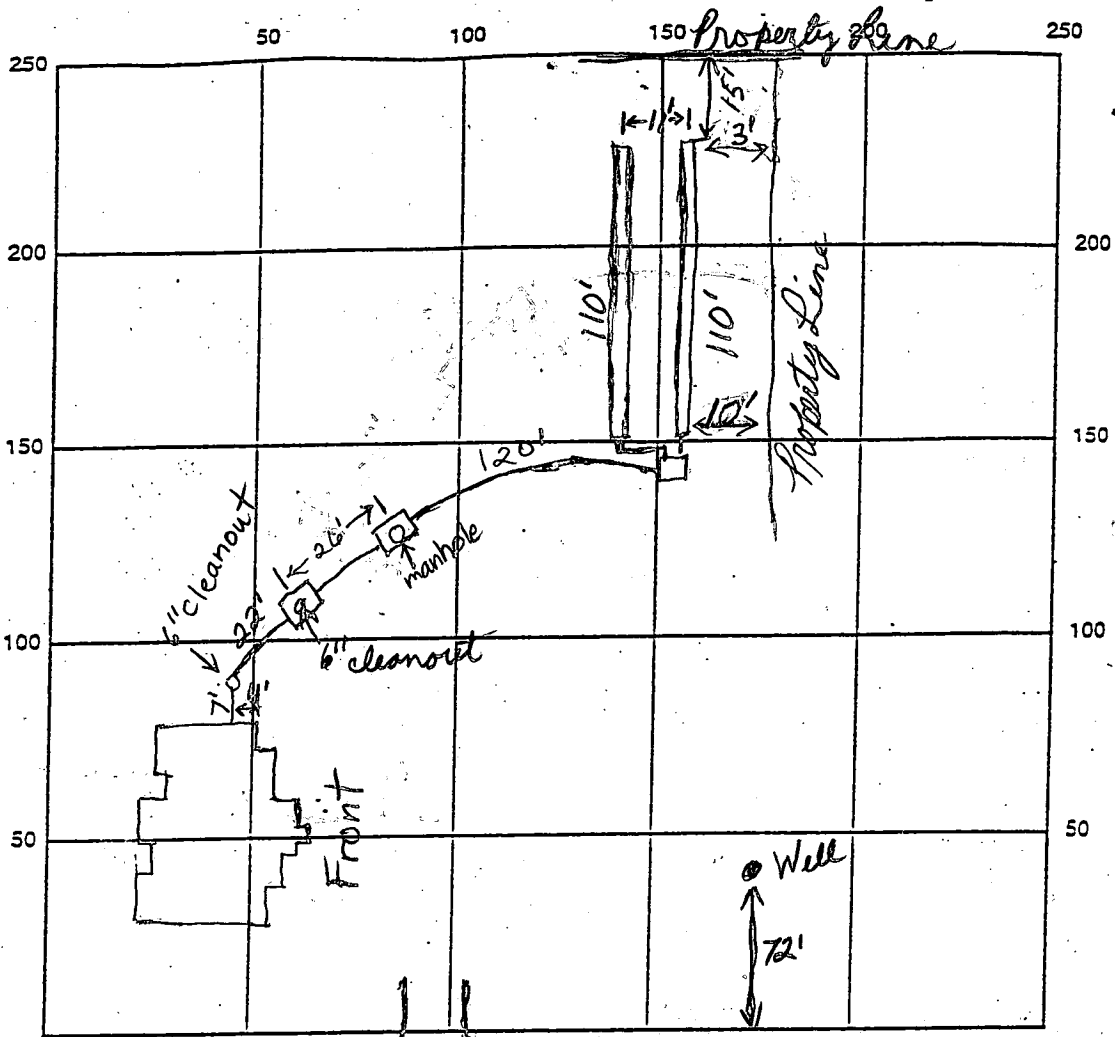
PERMIT VOID AFTER TWO YEARS

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**

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



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Private Drive off Roxbury

SEPTIC TANK LEVEL 2 1000 gallon CLEANOUTS 1 6" house, tank - 1 Manhole

DISTRIBUTION BOX LEVEL O.K. Has baffle

DRAIN FIELD/TITLE DEPTH 7 FT. TRENCH WIDTH 3 FT. INLET DEPTH 5 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 220 FT.

NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 660 SQ. FT.

DRYWALL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET N/A FT.

ABSORBENT AREA — SQ. FT.

REMARKS: House connection was bunched but septic contractor stated that it was made. Pump not installed yet. O.K. to cover all work. Distribution box will be left uncovered for pump test. O.K. to install pump. 6/18/99 BB  
7/2/99 FINAL INSP OK - pump performance test OK. DD

DATE SYSTEM APPROVED 7/2/99

INSPECTOR [Signature]

CONVEYANCE AGREEMENT FOR  
 PARCELS 1 AND 2 OF  
 T1, SACHS PROPERTY)  
 OLIO 350 IN THE

NOT ARE IN ACCORDANCE  
 PROVISIONS OF SECTION 16.124  
 OF THE LANDSCAPE MANUAL  
 REGARDING TREE STAND  
 BOUNDARY LINE.

JR.  
 CO

EXISTING INGRESS/EGRESS  
 LOTS 1 & 2 AND  
 L. 3513 F. 350  
 11807

CARROLL  
 545  
 C-DEO

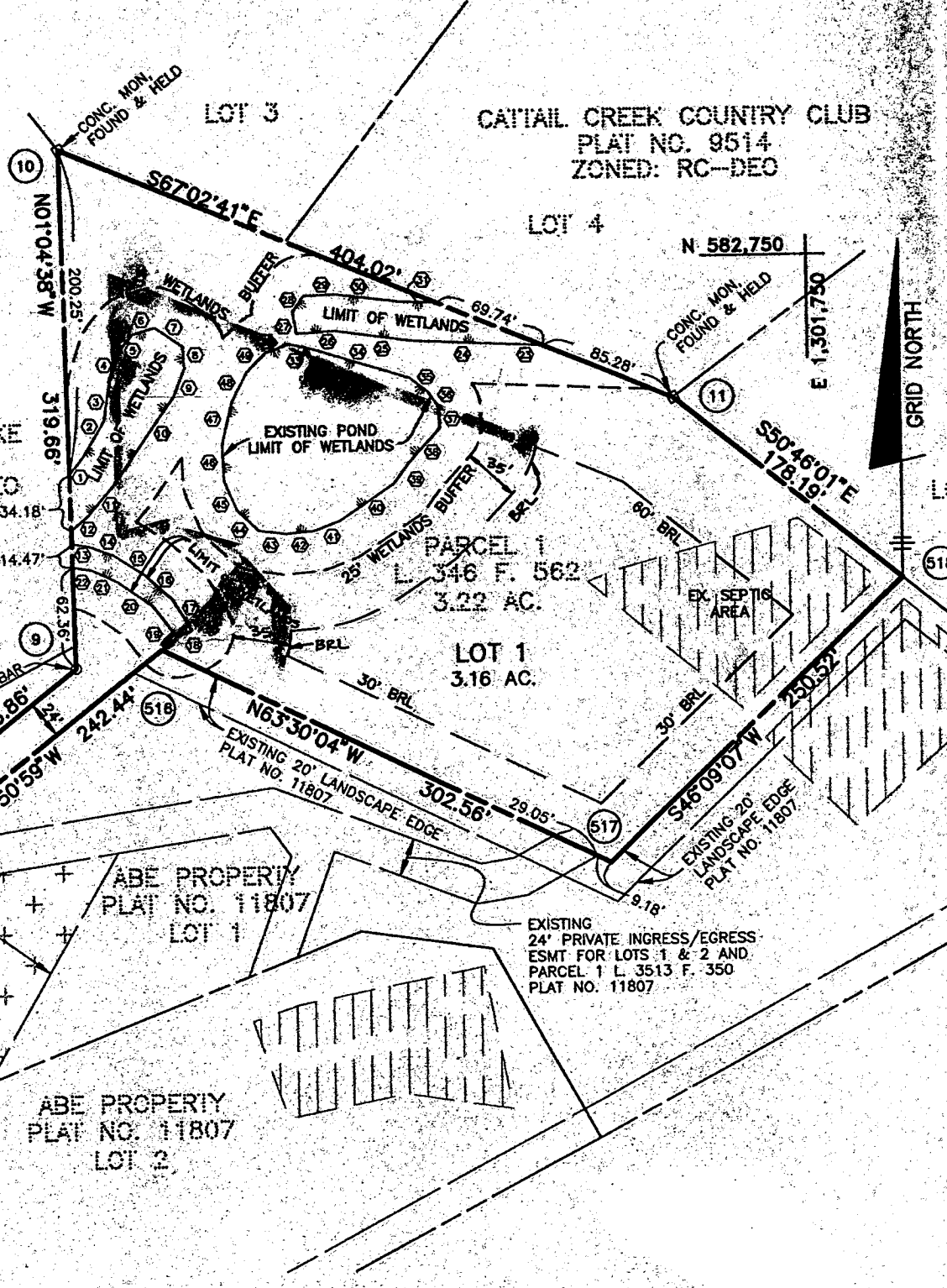
1  
 4

CARL P. KLITZKE  
 427/0077  
 ZONED: RC-DEO

ABE PROPERTY  
 PLAT NO. 11807  
 LOT 1

ABE PROPERTY  
 PLAT NO. 11807  
 LOT 2

CATTAIL CREEK COUNTRY CLUB  
 PLAT NO. 9514  
 ZONED: RC-DEO



**PLAN**  
 SCALE: 1" = 100'

*Handwritten signature or initials*

C1 7918

SEQUENCE NO. (MDE 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 COLUMNS 3-6 ON ALL CARDS)

COUNTY NUMBER 13-A501930

DATE RECEIVED 062096

DATE WELL COMPLETED 061496

DEPTH OF WELL 200 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HD-99-0808

OWNER: Sachs (last name), Chuck (first name); STREET OR RD: Roxbury Rd; TOWN: Glenwood; SUBDIVISION: Abe Property; SECTION: Parcel 1

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. Entries: Sand (0-49), Gray Mica Rock (49-200).

GROUTING RECORD: WELL HAS BEEN GROUTED (Y/N) 44

TYPE OF GROUTING MATERIAL (Circle one): CEMENT (CM), BENTONITE CLAY (BC). NO. OF BAGS: 29, NO. OF POUNDS: 2726.

GASING RECORD: casing types insert appropriate code below. Options: ST (STEEL), CO (CONCRETE), PL (PLASTIC), OT (OTHER).

MAIN CASING TYPE: S7 (60-61), 6 (63-64), S3 (66-70). Nominal diameter and Total depth of main casing.

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

SCREEN RECORD: screen type or open hole. Options: ST (STEEL), BR (BRASS BRONZE), PL (PLASTIC), HO (OPEN HOLE), OT (OTHER).

WELL HYDROFRACTURED: YES (Y) or NO (N)

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 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT...

TYPE: MWD/MSD/MGD 24; DRILLERS LIC. NO. Joseph L. Mayne

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION): Larry Mayne; LIC. NO. 27

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

DEPTH (nearest ft.): H051200. SLOT SIZE 1, 2, 3. DIAMETER OF SCREEN (NEAREST INCH).

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

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER): T (E.R.O.S.), W Q (74, 75, 76)

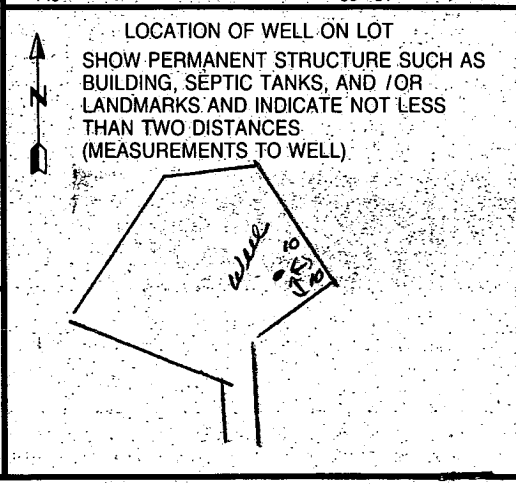
TELESCOPE CASING, LOG INDICATOR, OTHER DATA

PUMPING TEST: C3

HOURS PUMPED (nearest hour) 3; PUMPING RATE (gal. per min.) 15; METHOD USED TO MEASURE PUMPING RATE Bucket; WATER LEVEL (distance from land surface) BEFORE PUMPING 28 ft, WHEN PUMPING 60 ft; TYPE OF PUMP USED (for test) S (submersible).

PUMP INSTALLED: DRILLER WILL INSTALL PUMP YES (NO)

IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS. TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29. 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/below LAND SURFACE (nearest foot).



**B 1** SEQUENCE NO. (MDE USE ONLY) **3016**

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

STATE OF MARYLAND  
 PERMIT TO DRILL WELL  
 please print or type

STATE PERMIT NUMBER  
**HO-99-0808**  
 fill in this form completely

**OWNER INFORMATION**

Date Received (APA) **052396**

**SACHS** **CHUCK**  
 Last Name Owner First Name

**S370 PARKING AON**  
 Street or RFD

**COLUMBIA** **MD21044**  
 Town State Zip

**B 3** LOCATION OF WELL

**HOWARD**  
 COUNTY

**ABE PROPERTY**  
 SUBDIVISION

SECTION **Parcel I Cont** LOT **Parcel I Cont**

**GREENWOOD**  
 NEAREST TOWN

**2 MI**  
 MILES FROM TOWN (enter 0 if in town)

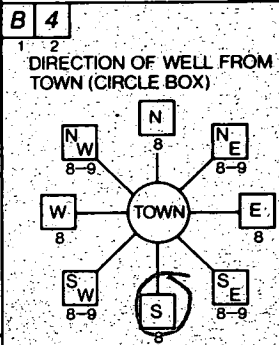
**DRILLER INFORMATION** CIRCLE: MSD/MGD/MWD

**Joseph L. Mayne** **24**  
 Driller's Name License No. 80

**Joseph L. Mayne Well Drillers**  
 Firm Name

**3512 Ridge Rd. Mt. Airy Md. 20881**  
 Address

**Joseph L. Mayne 5/22/96**  
 Signature Date



**Roxbury Rd.**  
 NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
 WEST  EAST

**950**  
 DISTANCE FROM ROAD

ENTER FT OR MI **FT**

TAX MAP: **21** BLK. **195** PARCEL

**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)

HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)

FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)

INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)

PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)

TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

**Howard** **13-AS0193D**  
 COUNTY NAME COUNTY NO.

STATE SIGNATURE **brock** INSERT S

DATE ISSUED **060696** **4/6/97**  
 EXP. DATE

NORTH GRID **541000** EAST GRID **0789000**

APPROXIMATE DEPTH OF WELL **300** 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 \_\_\_\_\_

**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 - CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS

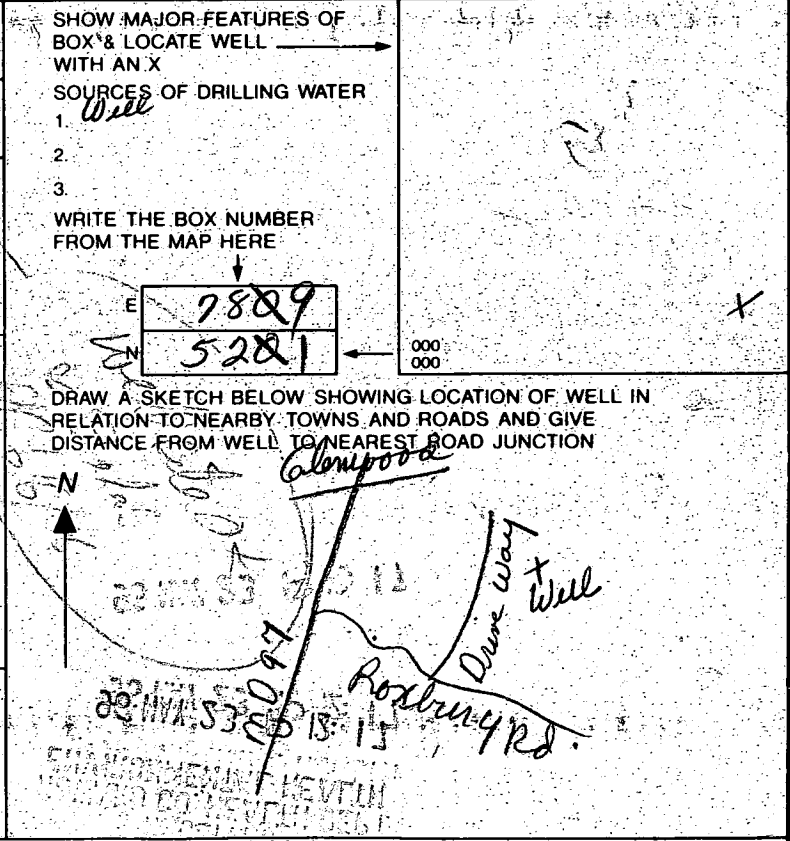
THIS WELL WILL DEEPEMED AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) \_\_\_\_\_

Not to be filled in by driller (MDE OR COUNTY USE ONLY)

APPROP. PERMIT NUMBER **GAP**

FORCE **RP** WRITE INITIALS IN BOX PERMIT No. **HO-99-0808**



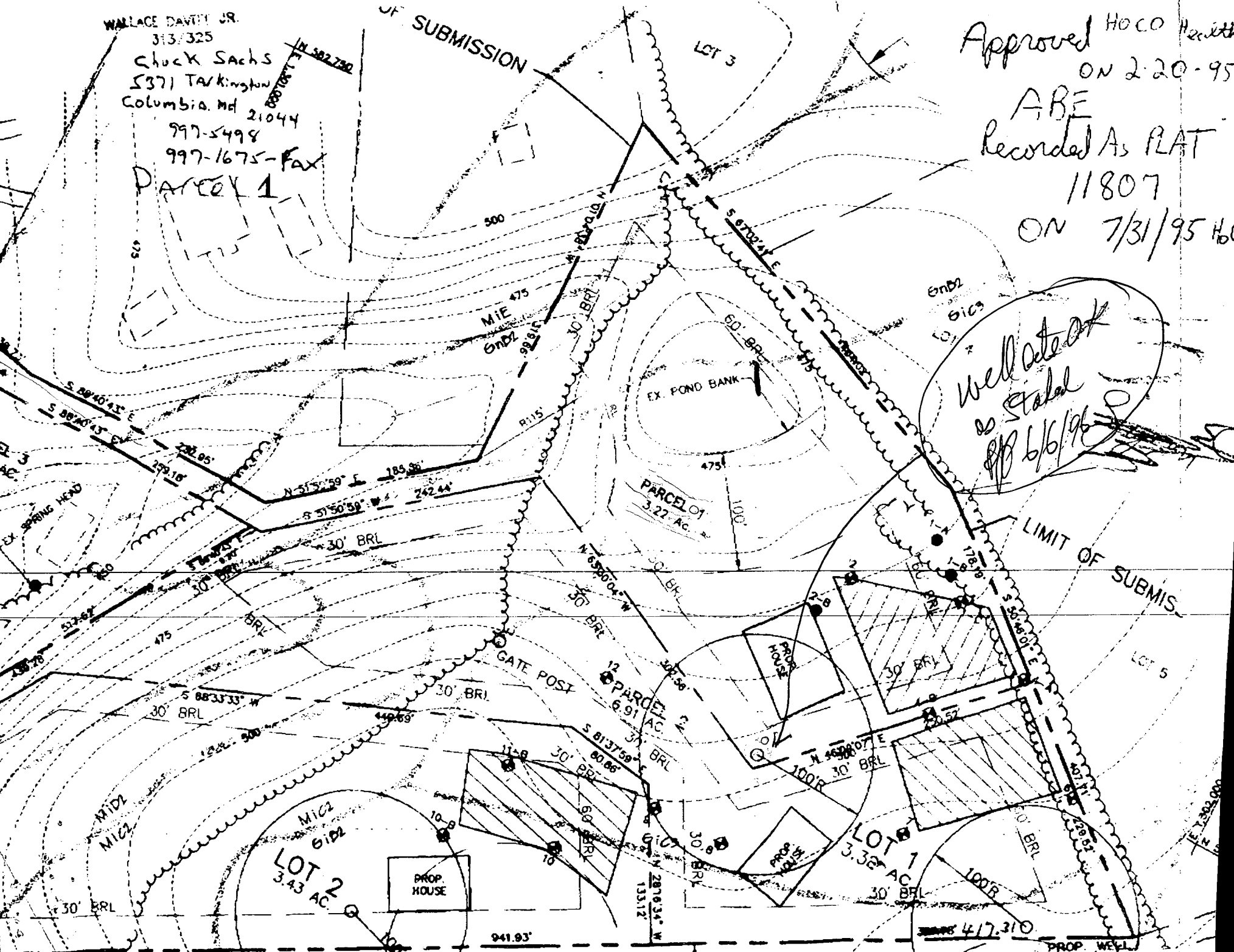
**SPECIAL CONDITIONS**

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

MAY-22-96 WED 09:10 AM Flat Inc. & Stoney Creek LTD 410 997 5498 P.01

WALLACE DAVITT JR.  
313-325  
Chuck Sachs  
5371 Tarkington  
Columbia, Md 21044  
997-5498  
997-1675-Fax  
Parcel 1

Approved HOCO Health  
ON 2-20-95  
ABE  
Recorded As PLAT  
11807  
ON 7/31/95 HOC



Well at or about  
6/6/95

LOT 2  
3.43 AC

PARCEL 2  
6.91 AC

LOT 1  
3.32 AC

PROP. HOUSE

PROP. HOUSE

PROP. WELL

941.93'

4/17.310

RECEIVED  
HOWARD CO. HEALTH DEPT.  
ENVIRONMENTAL HEALTH

96 MAY 23 P 12:17

TAKKINGTON PLACE

7/6/94 10:00

# APPLICATION

PERCOLATION TESTING

A 50193D

P \_\_\_\_\_

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

DISTRICT \_\_\_\_\_

DATE 8/3/94

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 JAMES ABE

ADDRESS 15452 Roxbury Road PHONE (410) 489-7134  
Glenwood Road, MD. 21738

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

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

PROPERTY LOCATION:

SUBDIVISION Abe Property LOT NO. lot 1 of Parcel 1  
LOT #4

ROAD AND DESCRIPTION Roxbury Road

TAX MAP 21 PARCEL # ~~195~~ #195

SIZE OF LOT LOT #4 NET: 60,000 TYPE BLDG SF  
ENTIRE Parcel = 10.25 acres. (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. James R. Abe  
(SIGNATURE OF APPLICANT)

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

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

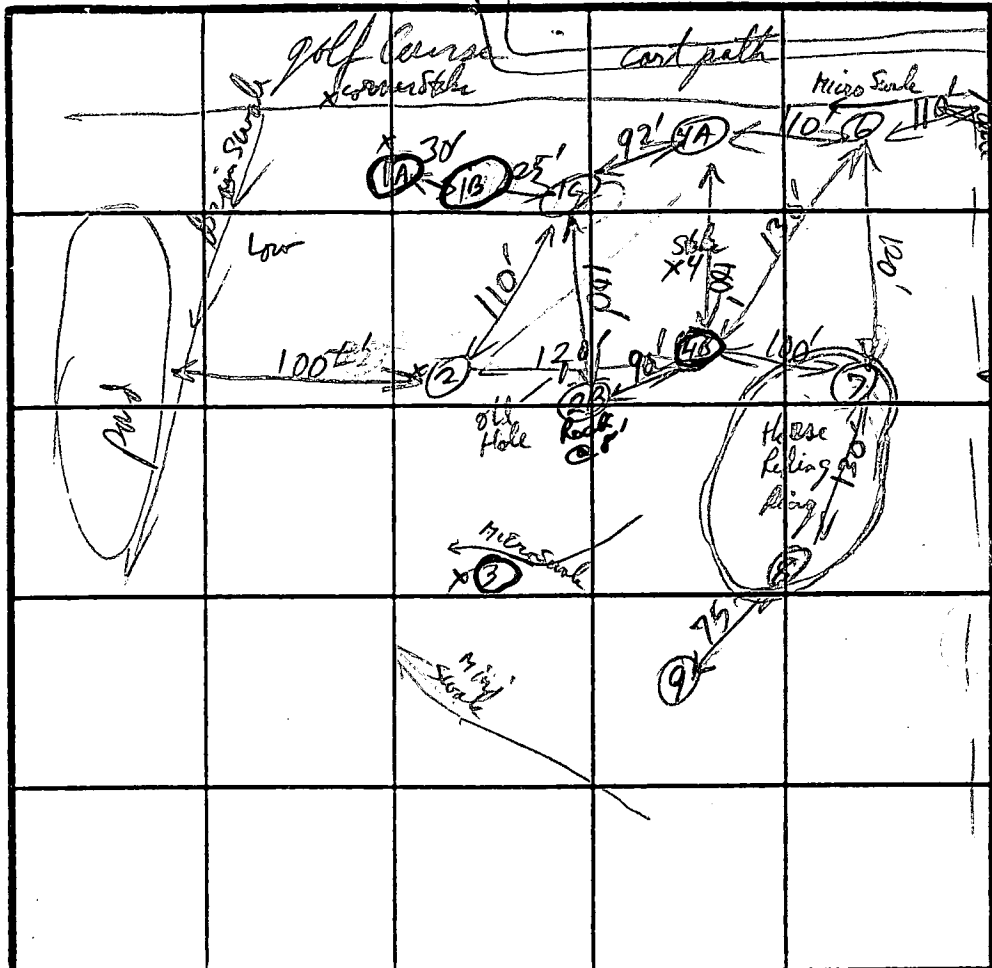
HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

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

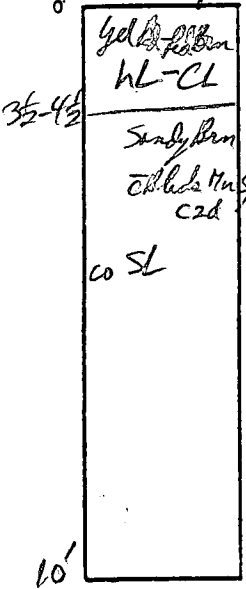
HD-216

# THIS IS NOT A PERMIT

lot 144



SOIL PROFILE C



- Hole 1
  - Red Brn - yellow
  - SL
  - 5' gel Red SL
  - 6' gel Brn SL
  - 11'
- Hole 2B
  - Red Clay
  - gray tan SL
  - 8' Red Brn
  - 9' SL

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Hole 2B back @ 8' hole bottom

- Hole 2
  - Red Brn SL
  - 4 1/2' tan yellow w SL
  - 8 1/2' gray SL + holes 80%
  - 9' Red
- Hole 3
  - Sto Brn yellow (10' R 8' B)
  - Silly toe shape
  - 8' gel Brn blk SIL c2d blk SIL thin v. moist
  - 10' gray SL
  - 10' 3' 4'
  - 10' 4A + 4B + 7 + 6
  - 2' Red Brn SL
  - 10' Tan SL
  - white Fall color sand yellow pebbles

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
9/6/94	lot 4-1A	V 5 1/2	→ refusal, back from 3 1/2'					Fail
	(1B)	V 6 1/2	→ refusal back from 5'					Fail
	1C	V 10' 4'	12:52:	1:06:20	1:06	1:34:00	28min	OK
	lot 4-2	V 9' 3 1/2	12:53:30	1:02:00	1:02:00	1:30:00	28min	OK
	8'	V 12' 4 1/2	2:03:00	MISSED 2nd trial				OK
	(3)	V 10' 5 1/2	12:57:50	No Movement by 11:10:00				Fail
	lot 1 4A	V 11' 4'	1:36:00	1:41:00	1:41:00	1:46:10	5min	OK
	OK 4B	V 11' 4'	1:40:00	only 1/2" in 30min				Fail
	6	V 11 1/2' 4'	1:44:00	1:51:30	2:26:00 - 2:36 - 2:38		6min	OK below 5'
	7	V 4 1/2	1:45:20	1:49:30	1:49:30	1:53:30	4min	OK
	lot 1 B back	5 1/2	2:21:30	2:23:30	2:23:30	2:27:30	4min	OK below 5'

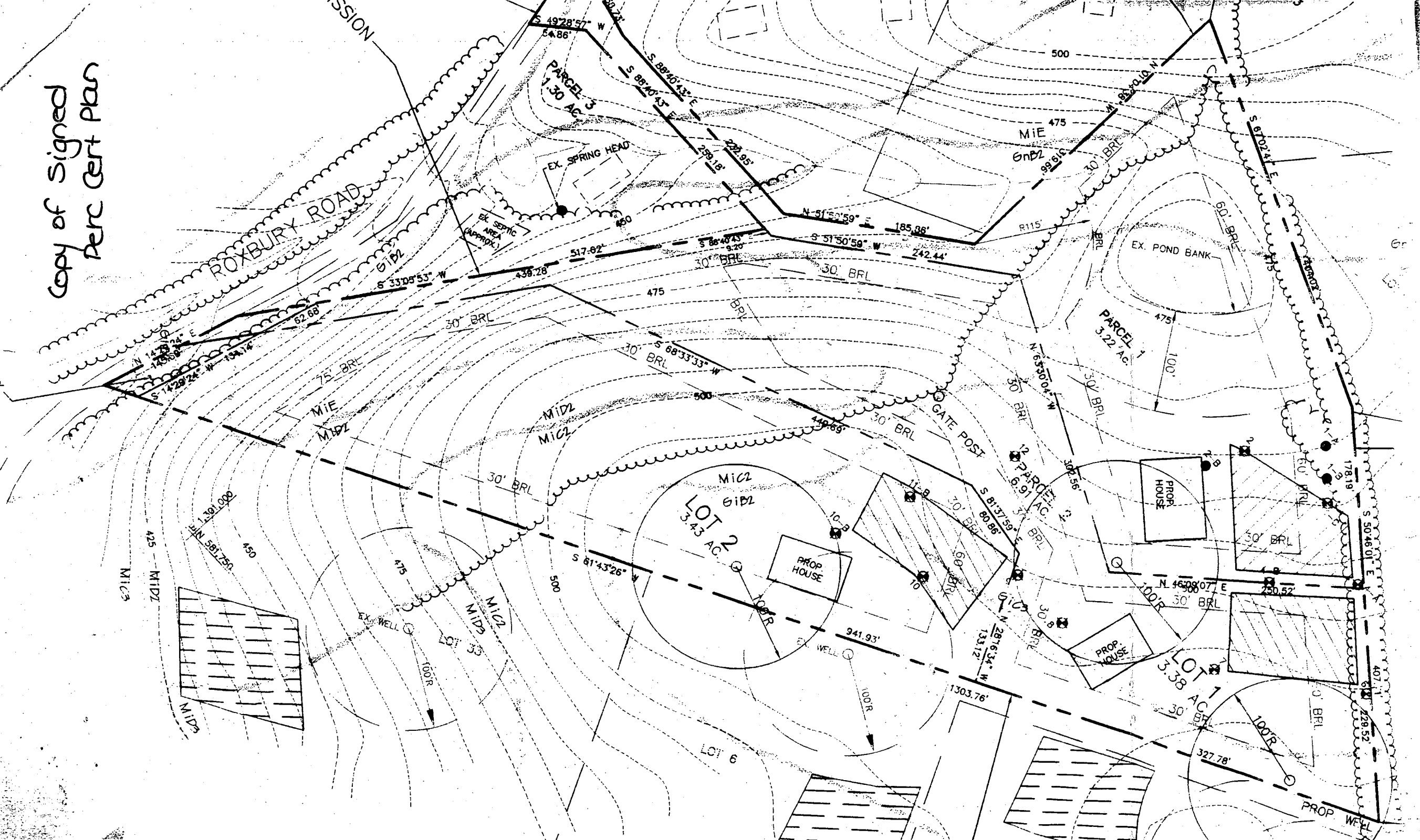
REMARKS \_\_\_\_\_

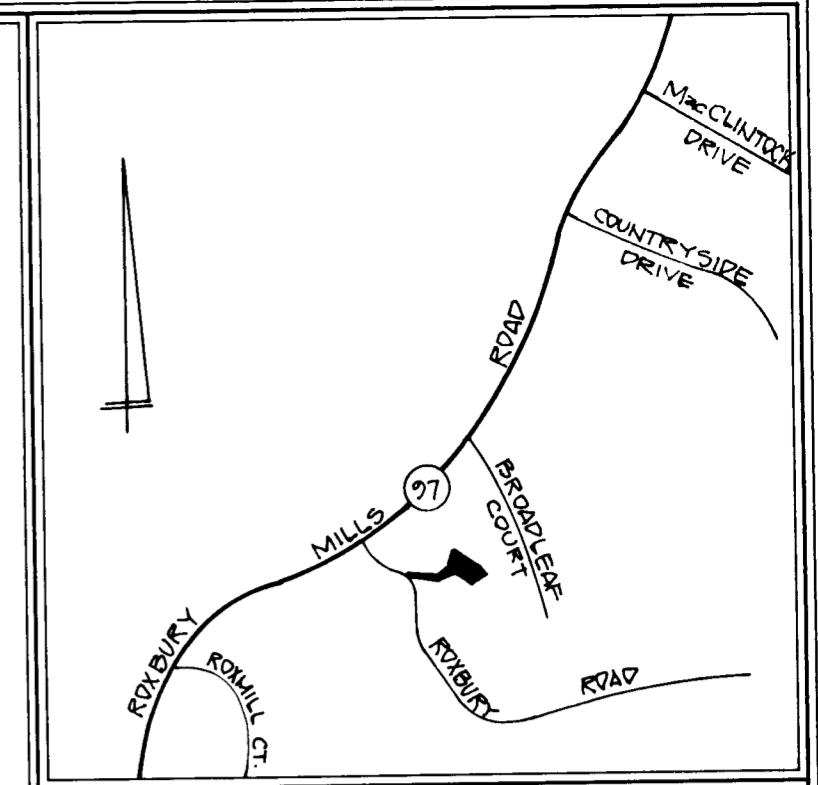
TYPE OF SOIL Red clay

TESTED BY RFP

ALSO PRESENT \_\_\_\_\_

Copy of Signed  
Pericert Plan

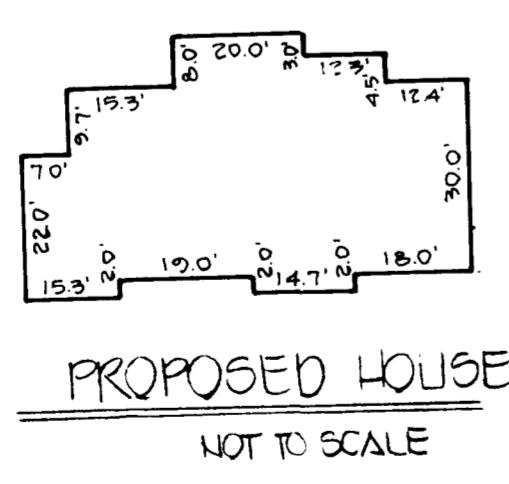
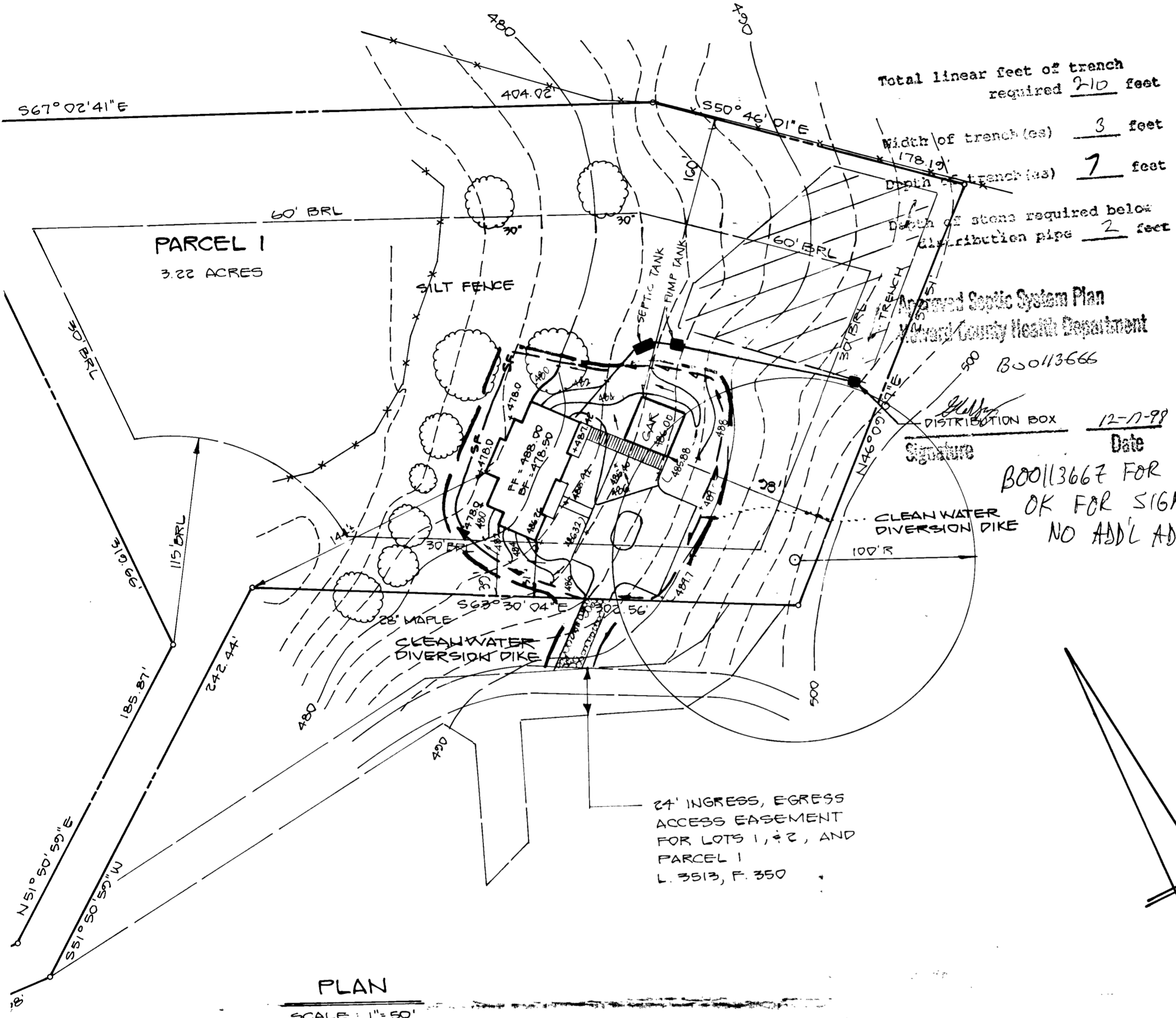




VICINITY MAP  
SCALE 1"=2000'

**GENERAL NOTES**

1. SEPTIC EASEMENT SUBJECT TO HOWARD COUNTY HEALTH DEPARTMENT
2. PROPOSED 1500 GALLON SEPTIC TANK
3. A. FIRST FLOOR ELEVATION: 462.00  
B. BASEMENT ELEVATION: 418.50  
C. INVERT OF SEPTIC SYSTEM AT HOUSE: 461.00  
D. INVERT IN AT SEPTIC TANK: 480.00  
E. INVERT OUT AT SEPTIC TANK: 471.70  
F. PROPOSED GRADE OVER SEPTIC TANK: 463.00  
G. INVERT AT DISTRIBUTION BOX: 413.00  
H. EXISTING GROUND OVER DISTRIBUTION BOX: 492.00
4. LENGTH OF TRENCH TO BE DETERMINED AT TIME OF SEPTIC PERMIT ISSUANCE.
5. CONTRACTOR / BUILDER TO VERIFY ELEVATIONS IN FIELD BEFORE BEGINNING ANY CONSTRUCTION.
6. THERE IS NO BASEMENT SERVICE TO SEPTIC SYSTEM.
7. INVERT IN AT PUMP HOUSE: 471.00



PLAN TO ACCOMPANY APPLICATION  
FOR BUILDING PERMIT  
**ABE PROPERTY**  
PARCEL 1  
TAX MAP NO.: 21 PARCEL NO. 105  
4<sup>TH</sup> ELECTION DISTRICT, HOWARD COUNTY, MD.  
SCALE: AS SHOWN DATE: AUG., 1998