

9/15/97  
C.O. 11:30-12  
9/16/97  
C.O. 3pm

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

### INDEXED

P 58558

A 57018B

DISTRICT 5th

DATE 7-10-97

DATE SYSTEM APPROVED 9/16/97

INSPECTOR [Signature]

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXXXX~~ 313-2640

05-426111

Farm and Home Excavating

IS PERMITTED TO INSTALL  ALTER

ADDRESS 901 Driver Road Marriottsville, MD 21104 PHONE (410) 442-2139

SUBDIVISION Harris Property LOT 2 ROAD 6461 Haviland Mill Road

PROPERTY OWNER Dr. Greg Yep

### BUILDING PERMIT SIGNED

ADDRESS \_\_\_\_\_

SEPTIC TANK CAPACITY 1250 GALLONS 1075-03 800/44572-IG POOL

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 180

TRENCHES - Trench to be 2 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 7 feet below original grade. Effective area begins at 3 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Starting from the left front lot corner, (266.35'/292.00' intersection), place the distribution box 150 feet down the 266.35' lot line and 60 feet off this same lot line. Run first trench on contour toward left side of lot; additional trenches in both directions.

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

OK KM 3/27/97

PLANS APPROVED BY Mark Rifkin/C. Williams/Donna K. Soe REVISED \_\_\_\_\_ DATE 11/13/96

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

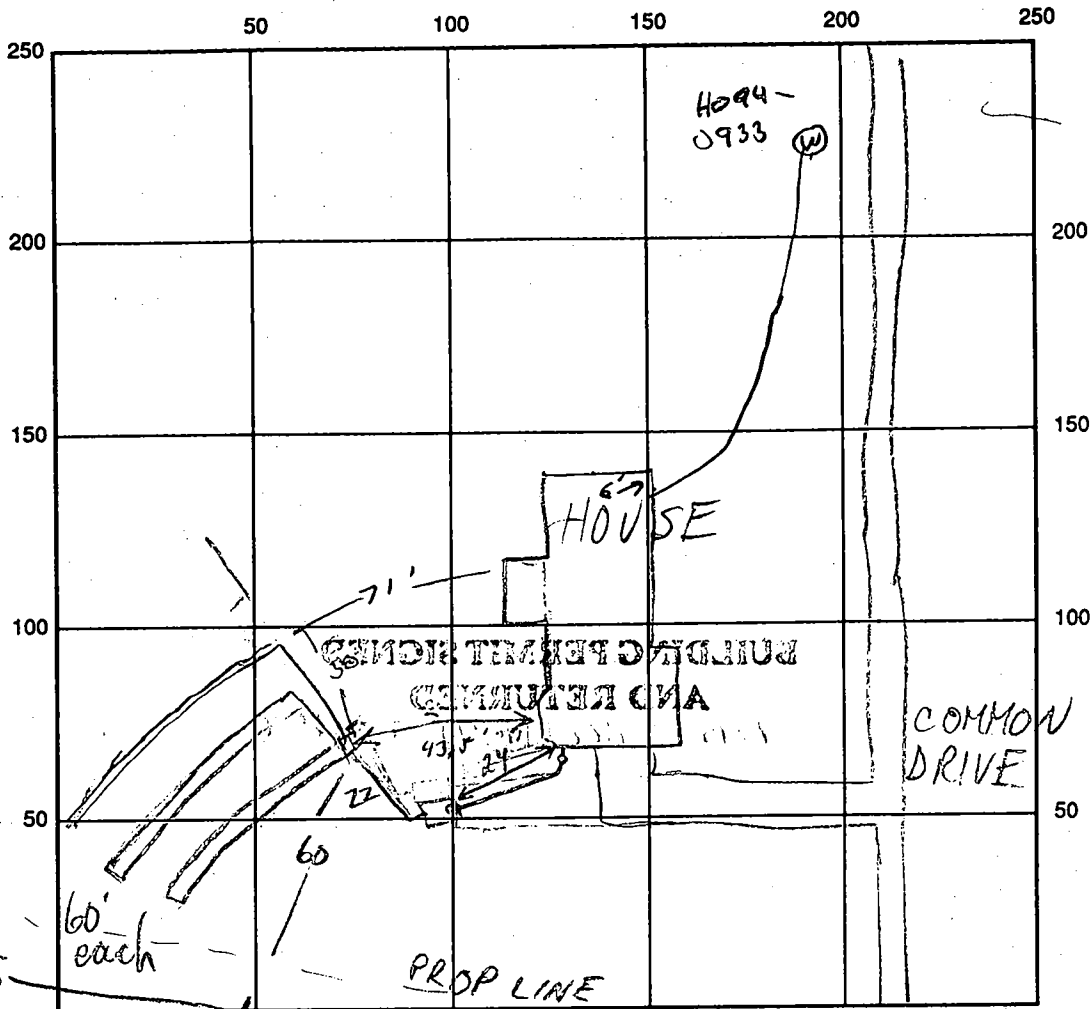
PERMIT VOID AFTER TWO YEARS

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 57018B



HAV. MILL RD INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL 1250 GAL - OK CLEANOUTS INLINE + S.T. - OK  
 DISTRIBUTION BOX LEVEL OK - BAFFLE IN  
 DRAIN FIELD/TITLE DEPTH  $\frac{11}{7} \frac{2}{17} \frac{3}{17}$  FT. TRENCH WIDTH 2 FT. INLET DEPTH  $\frac{11}{7} \frac{2}{17} \frac{3}{17}$  FT.  
 EFFECTIVE GRAVEL DEPTH  $\frac{11}{4} \frac{2}{4} \frac{3}{4}$  FT. TOTAL LENGTH 3 @ 60 FT.  
 NUMBER OF TRENCHES 3 ONE SIDEWALL BOTTOM AREA 180 x 9 = 720 SQ. FT.  
 DRYWALL INSIDE DIAMETER      FT. EFFECTIVE DEPTH BELOW INLET      FT.  
 ABSORBENT AREA      SQ. FT.

REMARKS: 9/15/97 D.B. NOT PER PLAN, BUT ACCEPTABLE; OK TO COVER  
HOUSE TO D.B.; TRENCH LOC. REMAINS AS PLANNED (PR)  
9/16/97 TRENCHES COMPLETED, OK TO COVER, COVER ALL WORK  
AS COMPLETED - CONTRACTOR IS INSTALLING ST. CO. #  
9/16/97 WPT - 3' COVER (NO GROUP > 200 FROM HOUSE)  
OK TO COVER. #

DATE SYSTEM APPROVED 9/16/97 INSPECTOR [Signature]

# APPLICATION

PERCOLATION TESTING

A 57018 B

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 313-2640

*Proposed 3 lot  
subdivision*

DISTRICT 5

DATE 7-9-96

*HE CONCERNED  
ABOUT  
+ EXISTING LOT OF  
RECORD ADJOINING*

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Highland Development Corporation DR. Pricey Vep

ADDRESS PO Box 228 CLARKESVILLE MD 21029 PHONE 531-5539

AGENT OR PROSPECTIVE BUYER Richard J. Demmitt

ADDRESS Same PHONE Same

PROPERTY LOCATION:  
SUBDIVISION Harris Property LOT NO. 2 - STD - 48um

ROAD AND DESCRIPTION 6453 HAVILAND MILK ROAD  
6461 Haviland Milk Road CLARKESVILLE MD

TAX MAP 34 PARCEL # 54

SIZE OF LOT 3 Acres TYPE BLDG. Single Family  
(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. Richard Demmitt  
(SIGNATURE OF APPLICANT)

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

DISAPPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

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

REASONS FOR REJECTION OR HOLDING PERC OK, HOLD FOR PLAT MR 9/4/96

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

# THIS IS NOT A PERMIT

A57018B

COUNTY #

SOIL PROFILE

ALL

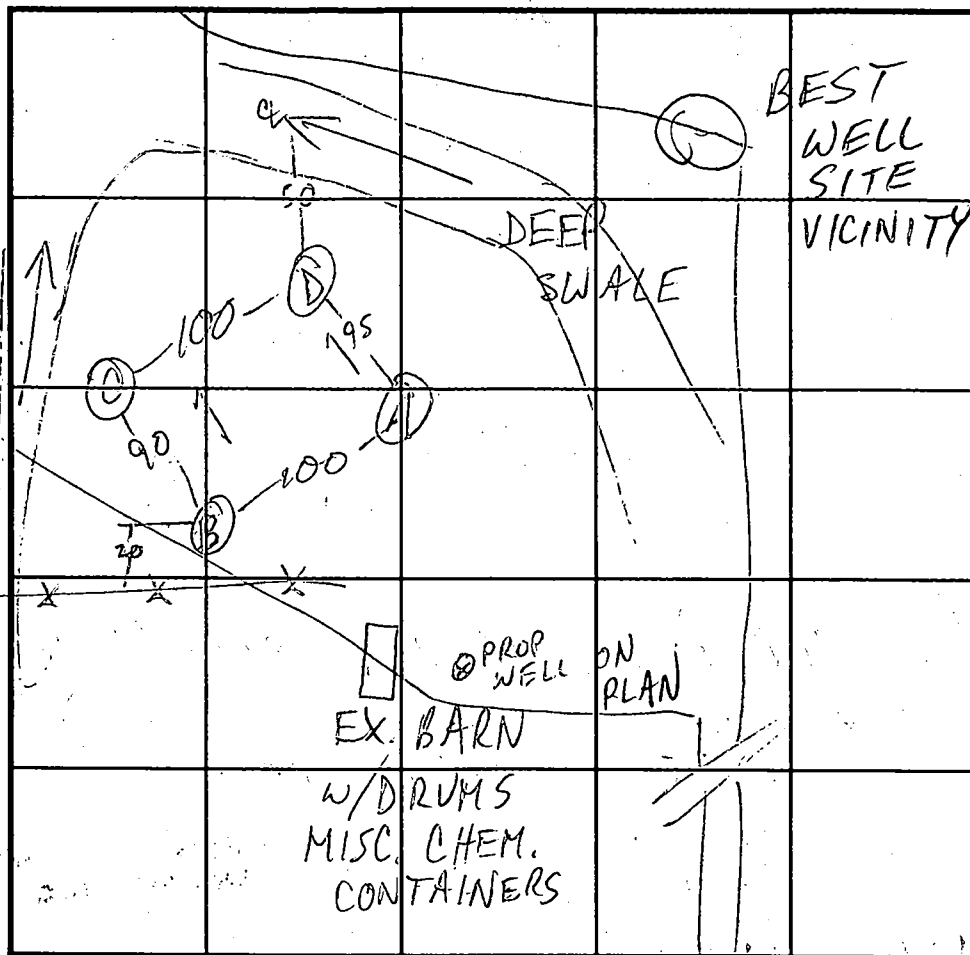
orqe brn  
sa cllm

orqe  
fan  
sa mica

1m  
10-15%  
saprolite  
+ other  
frags

12-13 1/2

SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
8/12/96	A S	2 1/2	9:57	9:58	9:58	10:00	2
	A M	5	9:57	9:58	9:58	10:00	2
	A V	12	see profile				
	B S	3	10:03	10:04	10:04	10:06	2
	B V	12	see profile				
	C S	3	10:07	10:08	10:08	10:10	2
	C V	13 1/2	see profile				
	D S	3	10:12	10:14	10:14	10:16	2
	D V	13	see profile				

REMARKS

TYPE OF SOIL

TESTED BY

M. Ripkin

ALSO PRESENT

Dennitt, J. Allen

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

2

TRENCH WIDTH

2

INLET DEPTH

3

MAXIMUM BOTTOM DEPTH

7

SQ. FT./BEDROOM

180

C1 7841

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

COUNTY NUMBER A57018B

DATE RECEIVED

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

1/12/96

1/12/96

385

H0-94-0933

OWNER Demmitt Richard, STREET OR RFD Haviland Mill Rd, TOWN Clarksville, SUBDIVISION HARRIS PROP, SECTION, LOT 2

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

Table with columns for description, feet from, and feet to. Includes handwritten entries: Sand (0-43), Gray Mica Rock (43-385).

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle appropriate box) Y N

TYPE OF GROUTING MATERIAL (Circle one)

CEMENT (CM) BENTONITE CLAY (BC)

NO. OF BAGS 18 NO. OF POUNDS 1692

GALLONS OF WATER 108

DEPTH OF GROUT SEAL (to nearest foot)

from 0 ft. to 44 ft.

CASING RECORD

ST CO PL OT STEEL CONCRETE PLASTIC OTHER

MAIN CASING TYPE, Nominal diameter top (main) casing, Total depth of main casing

ST 6 47

OTHER CASING (if used)

ACCHSING diameter inch depth (feet) from to

SCREEN RECORD

ST BR HO PL OT STEEL BRASS BRONZE OPEN HOLE PLASTIC OTHER

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED Y N

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...

TYPE: MWD/MSD/MGD DRILLERS LIC. NO. 24

DRILLERS SIGNATURE Joseph L Mayne

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO.

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

C2 DEPTH (nearest ft.)

Table with columns for depth (nearest ft.) and rows for casing sections 1, 2, 3.

SLOT SIZE 1 2 3 DIAMETER OF SCREEN

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

TELESCOPE CASING LOG INDICATOR OTHER DATA

C3

PUMPING TEST

HOURS PUMPED (nearest hour) 3

PUMPING RATE (gal. per min.) 4

METHOD USED TO MEASURE PUMPING RATE Bucket

WATER LEVEL (distance from land surface)

BEFORE PUMPING 53 ft.

WHEN PUMPING 252 ft.

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 (CIRCLE) (YES OR NO) 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)

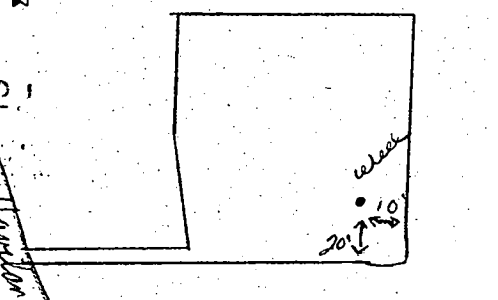
PUMP HORSE POWER

PUMP COLUMN LENGTH (nearest ft.)

CASING HEIGHT (circle appropriate box and enter casing height)

LAND SURFACE (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)



B 1 **4615** SEQUENCE NO. (MDE USE ONLY)  
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

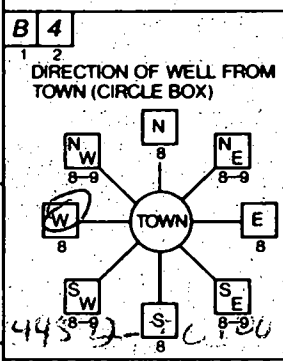
STATE OF MARYLAND  
 PERMIT TO DRILL WELL  
 please print or type

STATE PERMIT NUMBER  
**H0-94-0933**  
 fill in this form completely

Date Received (APA) **09/17/96**  
 OWNER INFORMATION  
**DEMMITT** **RICHARD**  
 Last Name Owner First Name  
**PO Box 228**  
 Street or RFD  
**CLARKSVILLE** **MD 21029**  
 Town State Zip

B 3 LOCATION OF WELL  
**HOWARD** COUNTY  
**HARRIS PARCELY** SUBDIVISION  
 SECTION **2** LOT **2**  
**CLARKSVILLE** NEAREST TOWN  
 MILES FROM TOWN (enter 0 if in town) **4** MI

DRILLER INFORMATION  
 DRILLER'S NAME: **Joseph E. Wayne**  
 License No. **24**  
 Firm Name: **Joseph L. Wayne Well Drilling**  
 Address: **5512 Ridge Rd. Mt. Airy, Md. 21771**  
 Signature: **Joseph L. Wayne** Date: **9/17/96**



**Haviland Mill Pond** NEAR WHAT ROAD  
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
**600** DISTANCE FROM ROAD  
 ENTER FT OR MI **FT**  
 TAX MAP: **34** BLK: **13** PARCEL: **54**

B 2 WELL INFORMATION  
 APPROX. PUMPING RATE (GAL. PER MIN.) **5**  
 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) **300**

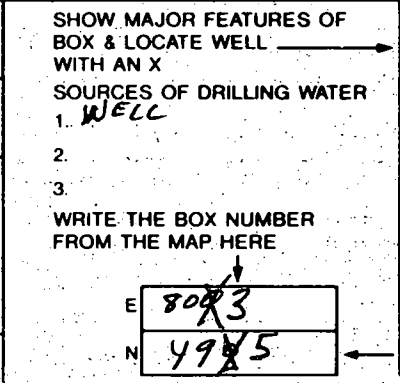
USE FOR WATER (CIRCLE APPROPRIATE BOX)  
 HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)  
 FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)  
 INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)  
 PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)  
 TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL  
**Howard** COUNTY NAME  
**A57018 B** COUNTY NO.  
 STATE SIGNATURE: **Mark E. Riffin** DATE ISSUED: **10/2/97**  
 NORTH GRID: **495000** EAST GRID: **0803000**

APPROXIMATE DEPTH OF WELL **280** FEET

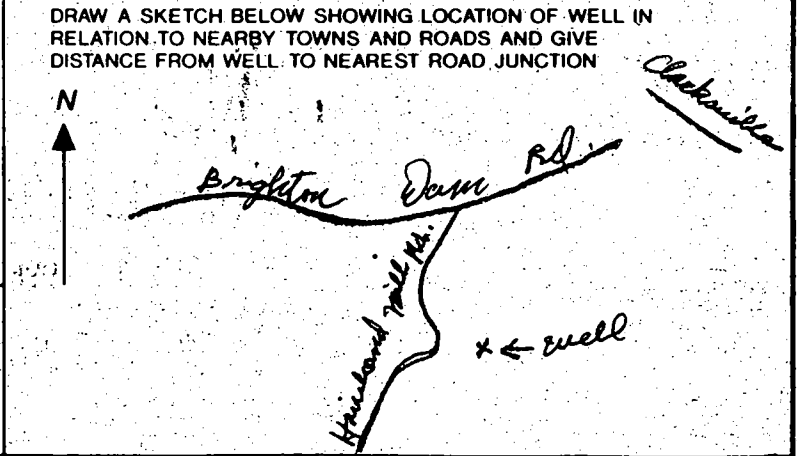
APPROXIMATE DIAMETER OF WELL **6** INCH

METHOD OF DRILLING (circle one)  
 BORED (or Augered)  JETTED  Jetted & DRIVEN  
 AIR-ROTARY  AIR-PERCUSION  ROTARY (Hydraulic Rotary)  
 CABLE  REVERSE-ROTARY  DRIVE-POINT  
 other \_\_\_\_\_

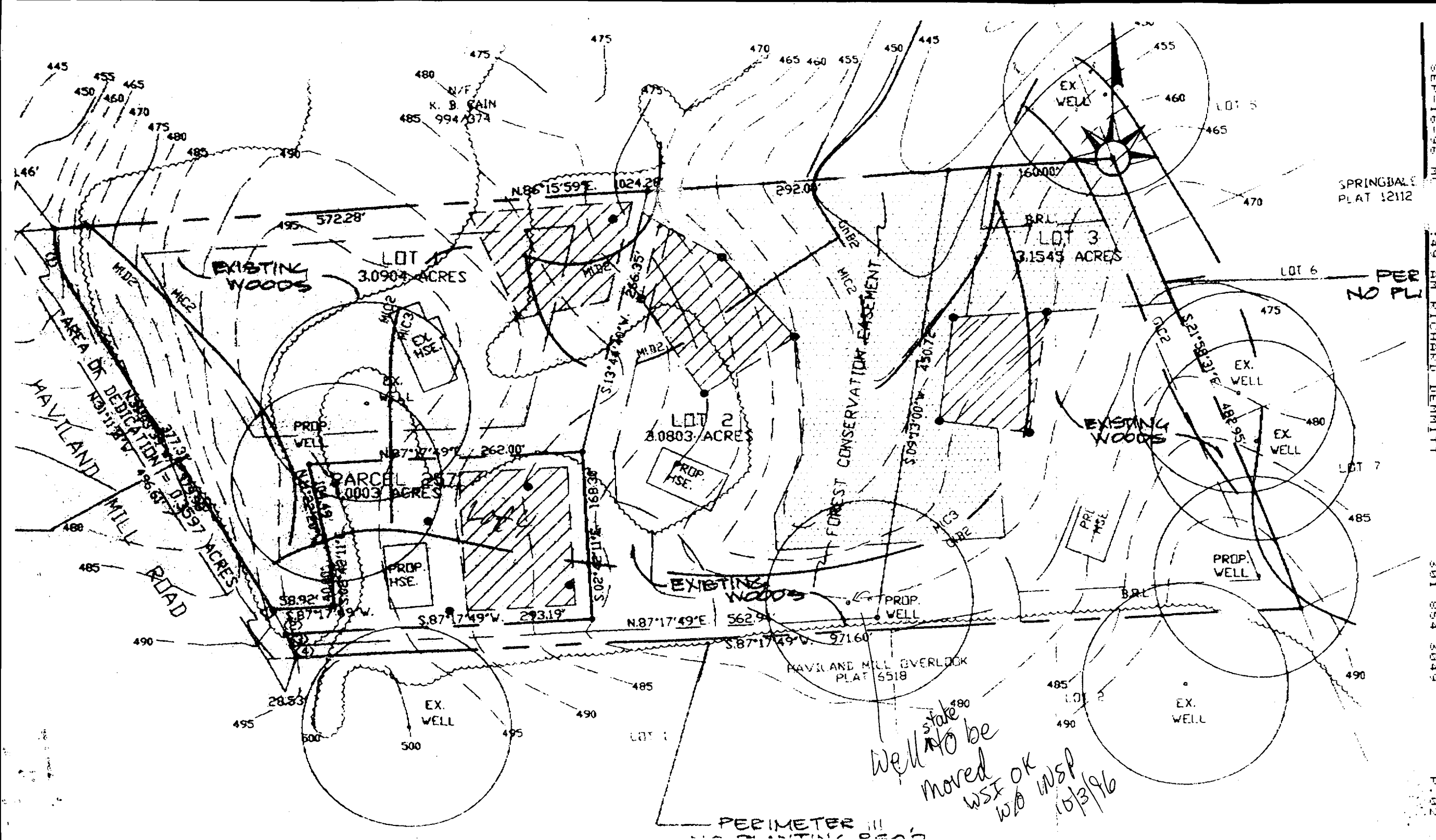


**11-13-96**  
**9.00 groud**  
 \*

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 DEEPEAN 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)  
 APPROX. PERMIT NUMBER **GAP**  
 FORCE **H0** PERMIT No. **H0-94-0933**



K. B. SAIN  
994/374

SPRINGDALE  
PLAT 12112

PER  
NO PL

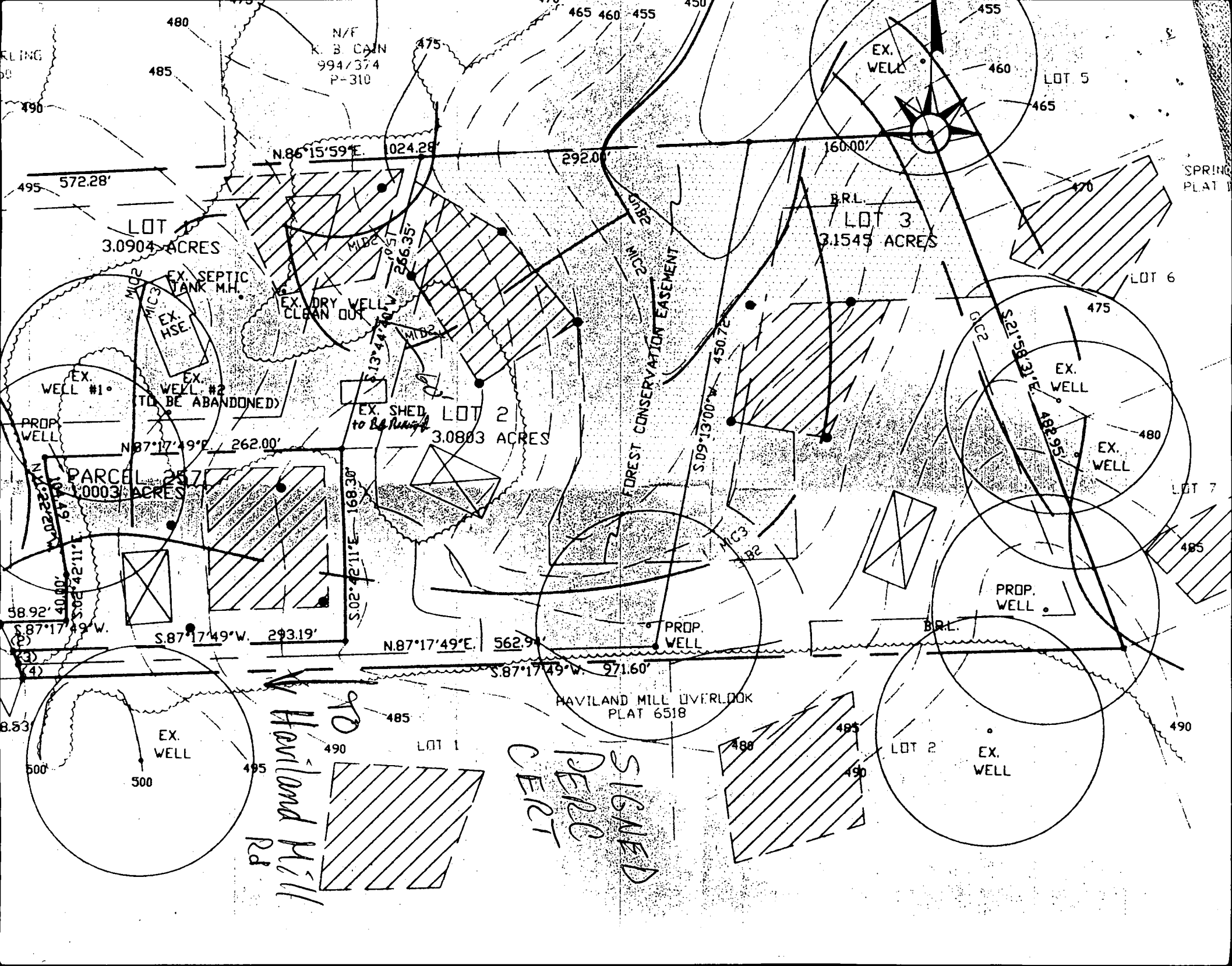
HAVILAND MILL ROAD  
AREA OF DEDICATION = 0.3597 ACRES

FOREST CONSERVATION EASEMENT

HAVILAND MILL OVERLOOK  
PLAT 5518

state  
Well to be  
moved  
WSF OK  
WSP  
10/3/96

PERIMETER III



N/F  
K. B. CAIN  
994/374  
P-310

EX. WELL

LOT 5

LOT  
3.0904 ACRES

LOT 3  
3.1545 ACRES

LOT 2  
3.0803 ACRES

EX. WELL

EX. WELL

PROP. WELL

PARCEL 2577  
0003 ACRES

HAVILAND MILL OVERLOOK  
PLAT 6518

*Handwritten:*  
Haviland Mill  
RD

*Large handwritten text:*  
SIGNED  
DELOE  
CERT

572.28'

N86°15'59"E. 1024.28'

292.00'

160.00'

EX. SEPTIC TANK M.H.

EX. DRY WELL CLEAN OUT

EX. SHED  
*to be removed*

EX. WELL #1  
EX. WELL #2  
(TO BE ABANDONED)

FOREST CONSERVATION EASEMENT

PROP. WELL

N87°17'49"E. 262.00'

S.02°42'11"E. 168.30'

N87°17'49"E. 562.9'

PROP. WELL

S.87°17'49"W. 971.60'

S.87°17'49"W.

S.87°17'49"W. 293.19'

B.R.L.

EX. WELL

EX. WELL

LOT 1

LOT 2

490

500

490

485

480

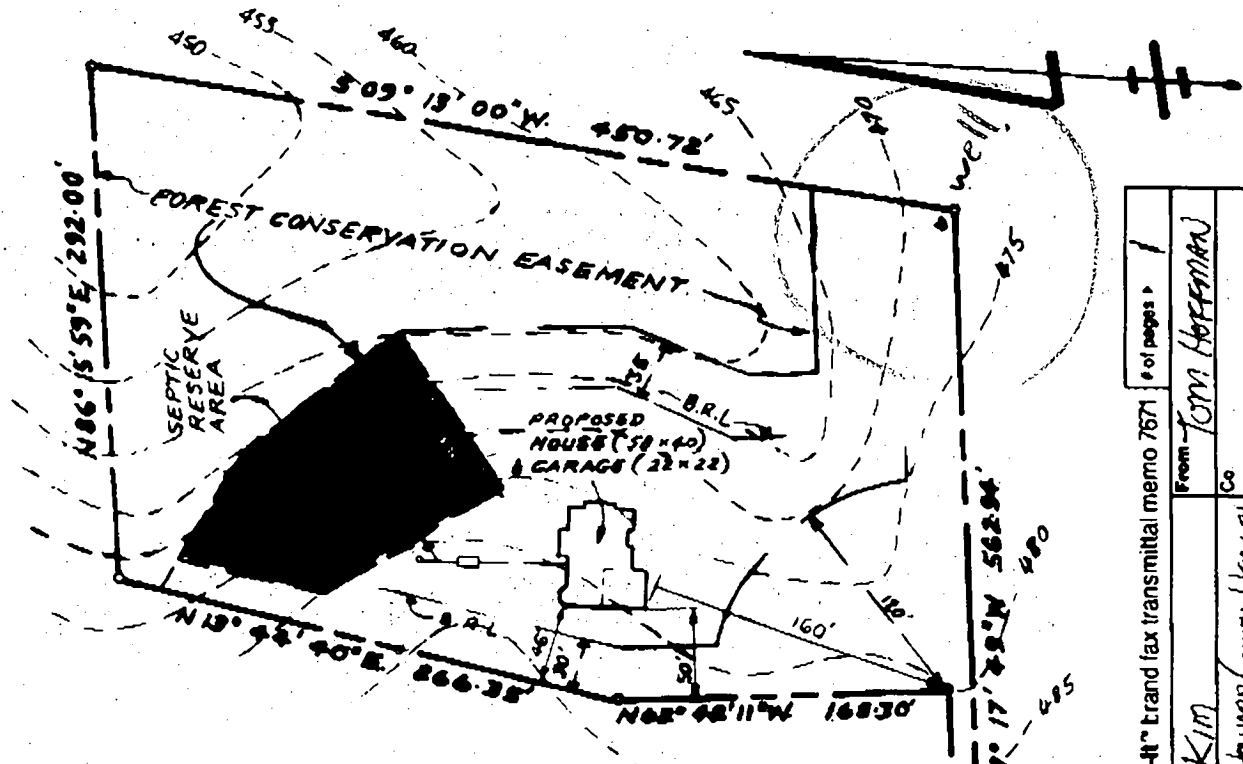
485

490

490

SPRING PLAT





Post-It™ brand fax transmittal memo 7871 # of pages 1

TO	KIM
FROM	Tom Hoffman
CO.	Howard County Health Dept.
PHONE #	448-0181
FAX #	313-6303

SEPTIC SYSTEM ELEV'S

- F.F. ELEV. 482.5
- BSMT ELEV 473.5
- INV. OUT OF HOUSE 479.2
- EX. ELEV. @ SEPTIC TANK 481.2
- INV. INTO SEPTIC TANK 478.2
- INV. OUT OF SEPTIC TANK 480.2
- EX. ELEV. @ DIST. BOX 480.2
- INV. ELEV. INTO DIST. BOX 477.2
- EX. ELEV. AT TRENCH 476.5
- INV. ELEV. INTO TRENCH 473.5

Approved Septic System Plan  
 Howard County Health Department

*Donna K. Soe*  
 Signature

3/25/97  
 Date

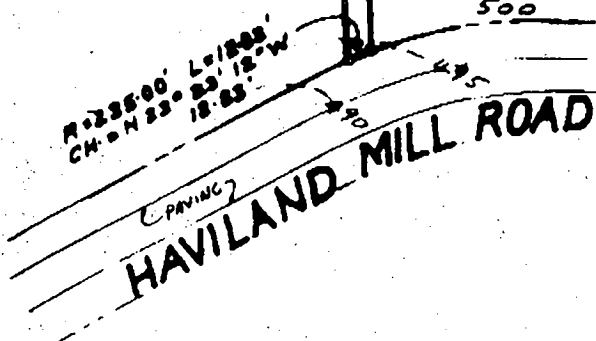
BEING  
 LOT 2 (3.08 AC.)  
 "HARRIS ESTATES"  
 PLAT # 12522

SITE PLAN

FDR

\* HAVILAND MILL ROAD  
 HOWARD COUNTY, MARYLAND

SCALE: 1" = 100'  
 MARCH 7, 1997



**HOFFMAN and HOFFMAN**  
 SURVEYORS • LAND PLANNERS  
 4502 STONINGTON AVENUE • BALTIMORE, MARYLAND 21207

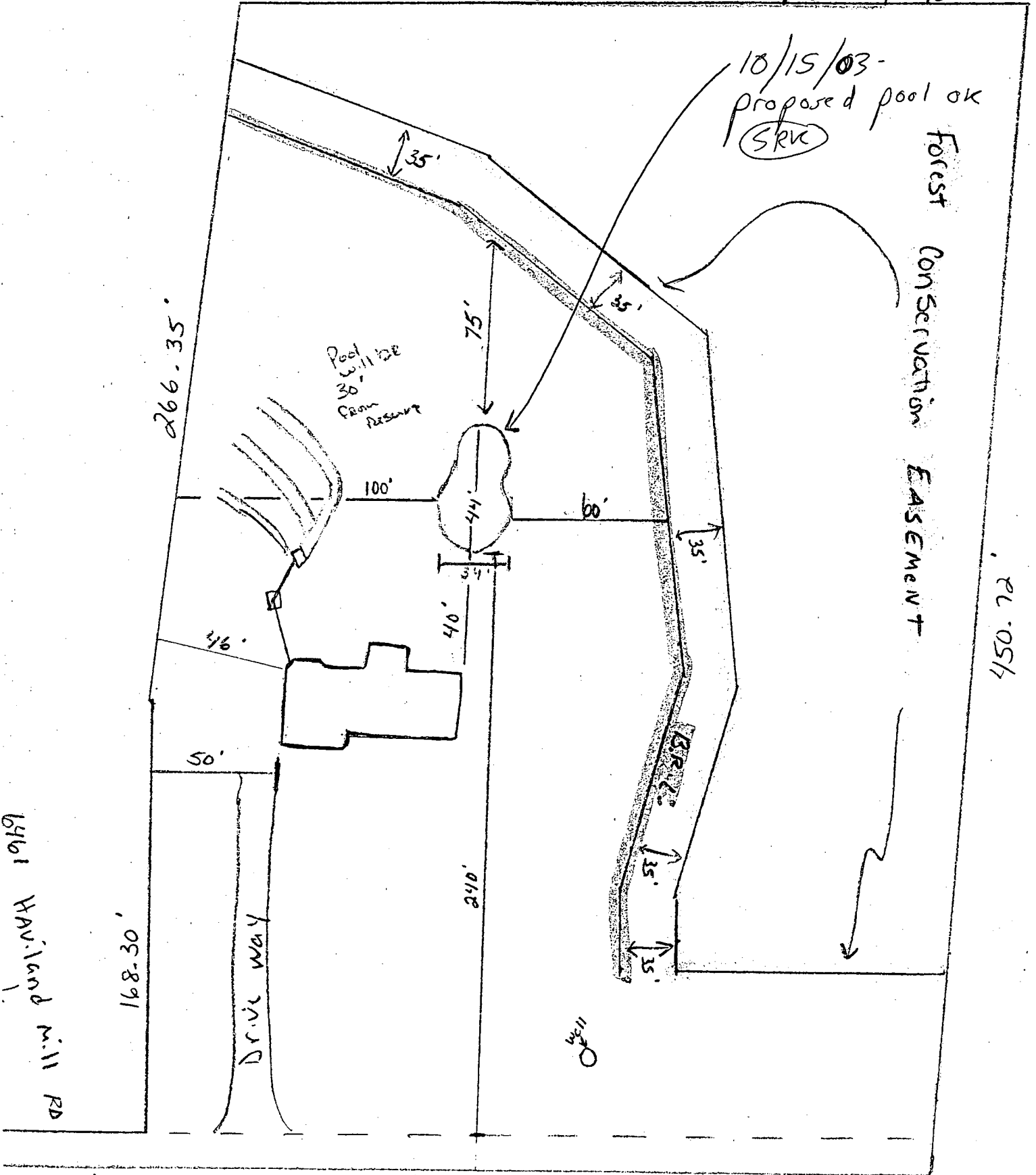
**CUSTOM POOLS by McDade, Inc.**

21305 Ridge Road ♦ Freeland, Maryland 21053 ♦ 410-329-6415

1" = 50'

292'

B00144872



10/15/03 - Proposed pool ok (SRV)

Forest Conservation EASEMENT

450.72'

6961 Haviland Mill Rd

Private RD - COMMON Drive

Pool will be from Reserve

11/23/03