

WPT 12/5/97  
ASAP  
12/22/97  
12/23/97 12:00  
10/24/97 10:00

05-411300

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 58103

A 37078

DISTRICT 5th

DATE 4-22-97

DATE SYSTEM APPROVED 12/24/97

INSPECTOR [Signature]

**HOWARD COUNTY HEALTH DEPARTMENT**  
BUREAU OF ENVIRONMENTAL HEALTH  
~~XXXXXXXX~~ 313-2640

# INDEXED

South Carroll Backhoe, Inc. IS PERMITTED TO INSTALL  ALTER

ADDRESS 4410 Salem Bottom Road, Westminster, Maryland 21157 PHONE 875-4197

SUBDIVISION Highland Meadows LOT 14 ROAD 13509 Narrow Leaf Court

PROPERTY OWNER Ronald A. Ricks

ADDRESS \_\_\_\_\_

SEPTIC TANK CAPACITY 1000 GALLONS

NUMBER OF BEDROOMS 3

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 180

12/22/97 spare to contractor -  
OK to change tank location  
and dist box to one side  
of easement - (3-100'  
trenches proposed) DRS  
/km

TRENCHES - Trench to be 3 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 6 feet below original grade. Effective area begins at 4 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Place the distribution box 85 feet from the lot line along Highland Road and 95 feet from the right side of the lot as seen when facing the lot from Highland Road. Run the trenches toward both side lines.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK 10/30/96 DRS

PLANS APPROVED BY Raymond Hodges/Glen Savage REVISED \_\_\_\_\_ DATE 10/28/96

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

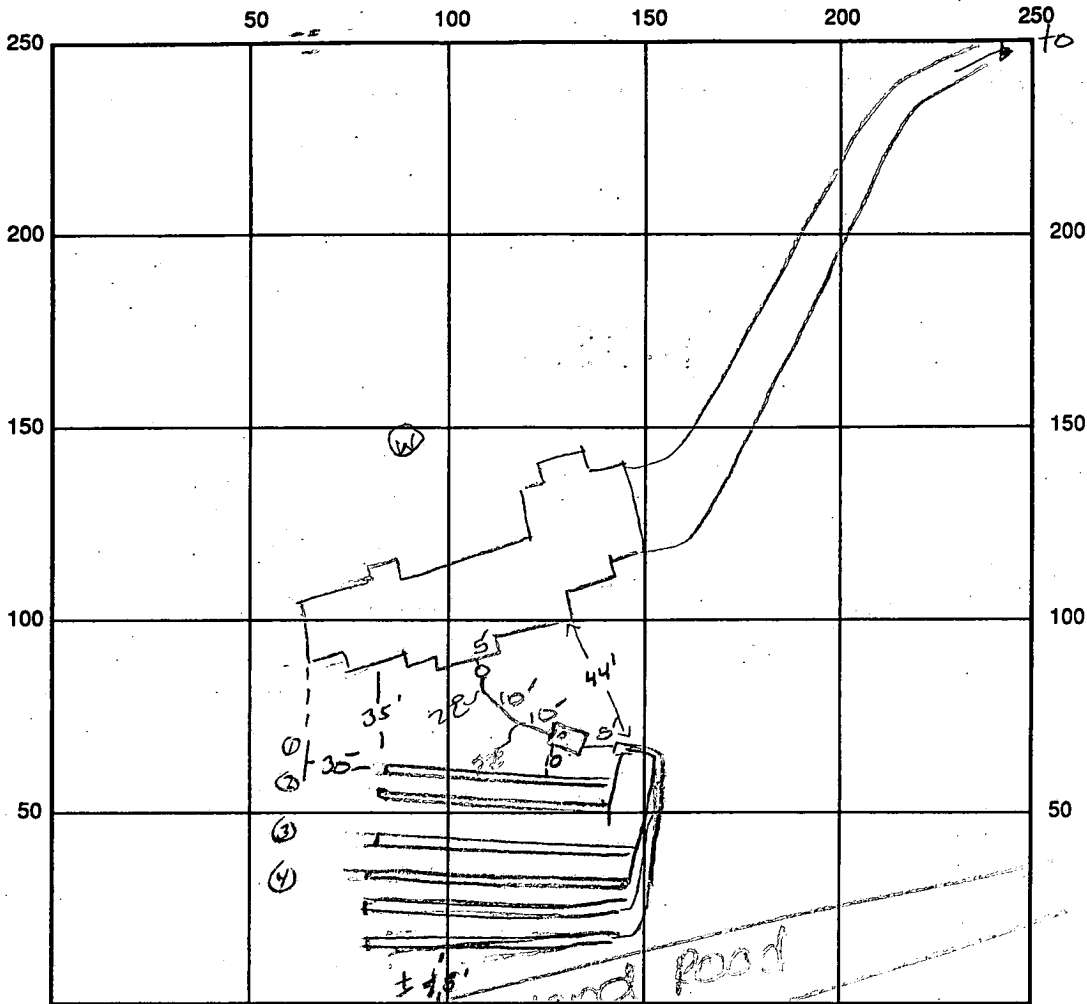
PERMIT VOID AFTER TWO YEARS

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 37078



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL OK - 2000 gal CLEANOUTS one at house, one on st.

DISTRIBUTION BOX LEVEL OK

DRAIN FIELD/TITLE DEPTH 6 FT. TRENCH WIDTH 3 FT. INLET DEPTH 4 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTHS  $\frac{11}{52} \frac{23}{49} \frac{4}{5} \frac{96}{52} = 300$

NUMBER OF TRENCHES 6 ONE SIDEWALL/BOTTOM AREA 900 SQ. FT.

DRYWALL INSIDE DIAMETER - FT. EFFECTIVE DEPTH BELOW INLET - FT.

ABSORBENT AREA - SQ. FT.

REMARKS: 12/5/97 WELL LIVE UP TO COVER, NEEDS TWO PIECE CAP HO-81-2597

AND COPPER GIVES BOLTED TIGHT CAPING. BY WPI FIRM GIVEN TO OWNER.

12/23/97 OK TO COVER FROM HOUSE TO SEPTIC TANK AND

OK TO CONTINUE. ALUM/DKS 12/24/97 OK TO COVER TANK, BOX, 15' 3

TRENCHES, LEAVE ENDS OF REST OF TRENCHES OPEN. JL 12/24/97

COVER ALL WORK

DATE SYSTEM APPROVED 12/24/97 INSPECTOR [Signature]

Howard County Health Department

To: File -

These perc notes are for  
Lot 15 Highland Meadows -  
unable to locate perc notes  
for Lot 14 at this time.

From: Amy

Date: 4-15-96

HD-170

# APPLICATION

LOT 15  
A 37079  
A 37078  
P \_\_\_\_\_

PERCOLATION TESTING

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

NOTE: Perc records  
for lot 15 missing  
using adjacent lot 14 to write  
specs

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 Brighton Dam Limited Partnership Ronald A. Ricks  
SAUKABH NAIK  
ADDRESS 6228 Clearwood Road  
Bethesda, MD 20817 PHONE 910-636-5611  
301-229-8838

PROSPECTIVE BUYER Celta Corporation  
ADDRESS 101 Chestnut St. STE 125  
Gaithersburg, MD 20877 PHONE 301-948-2918

PROPERTY LOCATION:

SUBDIVISION Highland Meadows LOT NO. LOT 14 PERMIT  
LOT 15 ON F11/2 L  
19

ROAD AND DESCRIPTION Highland Road at Brighton Dam Road  
(13501 NARROW LEAF DRIVE)

TAX MAP 34 PARCEL # 169

SIZE OF LOT 3 AC + TYPE BLDG. SFD - 3Brm  
(SINGLE FAMILY DWELLING OR COMMERCIAL)

BLDG. PERMIT SIGNED  
AND RETURNED 10/28/96  
Serial # 600 102508  
SFD - 3Brm

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.

(SIGNATURE OF APPLICANT)

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

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

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

REASONS FOR REJECTION OR HOLDING 8/4/86 - PERC OK Hold for next

BLDG. PERMIT SIGNED  
AND RETURNED 1/19/95  
Serial # 57860  
SFD - 4Brm

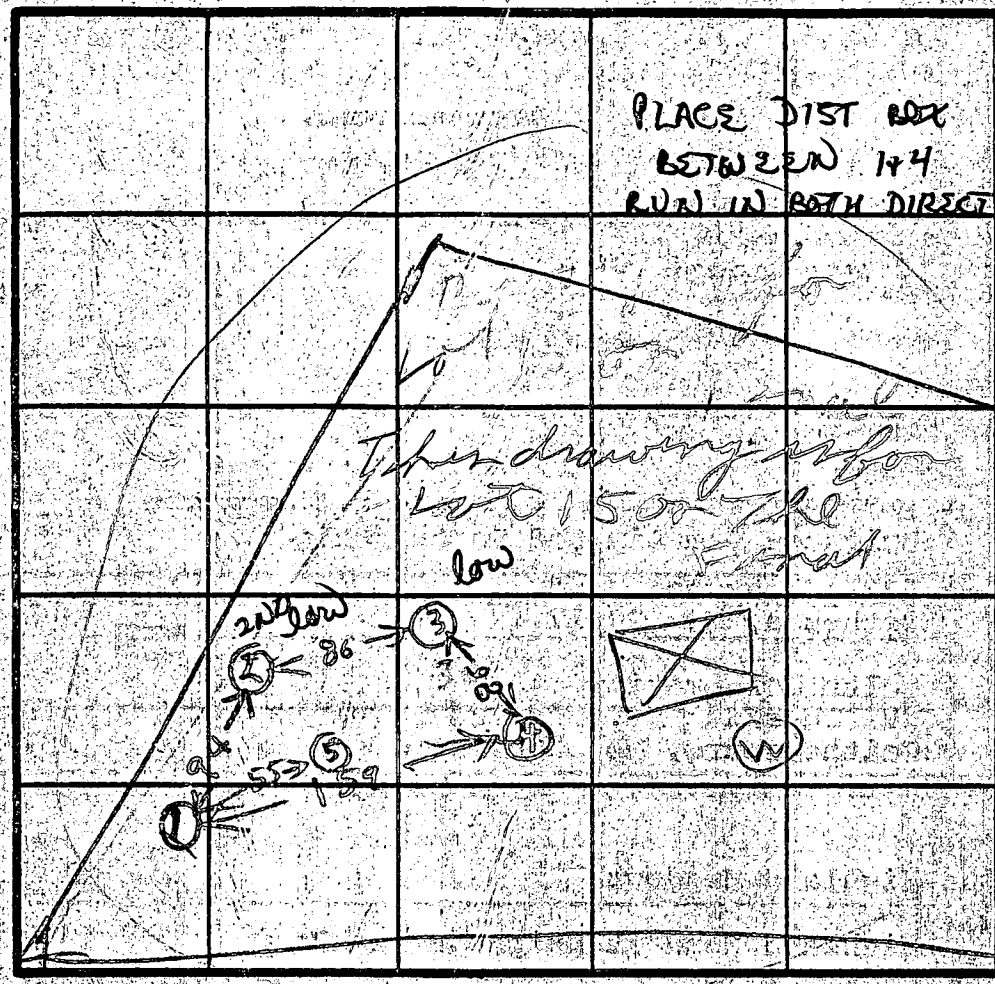
# THIS IS NOT A PERMIT

①③  
SOIL PROFILE

3  
BROWN CLAY SAND  
LIGHT BROWN SAND LOAM

PLACE DIST ROD BETWEEN 144 RUN IN BOTH DIRECTIONS

7' Pipe  
TILET 24"  
BOTTOM 6 1/2"



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

HIGHLAND RD

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
2/19/36	1S	5	2.49	2.49	2.49	2.55	6	
	2V	14.5	LOOKS OK					
	2S	8.5	2.50	2.56	2.56	3.03	7	
	2D	10.5	2.51	2.52	2.52	2.54	2	
	2V	14.5	LOOKS OK					
	3S	4	3.09	3.12	3.12	3.15	3	
	3D	10	3.09	3.09	3.12	3.15	3	
	3V	15	LOOKS OK					
	4S	6	3.10	3.11	3.17	3.13	2	
	4D	10	3.21	3.22	3.22	3.25	3	
	4V	14.5	LOOKS OK					
	5V	14	LOOKS OK					

HOLE ELEV

①②

③④

⑤

⑥

⑦

⑧

⑨

⑩

⑪

⑫

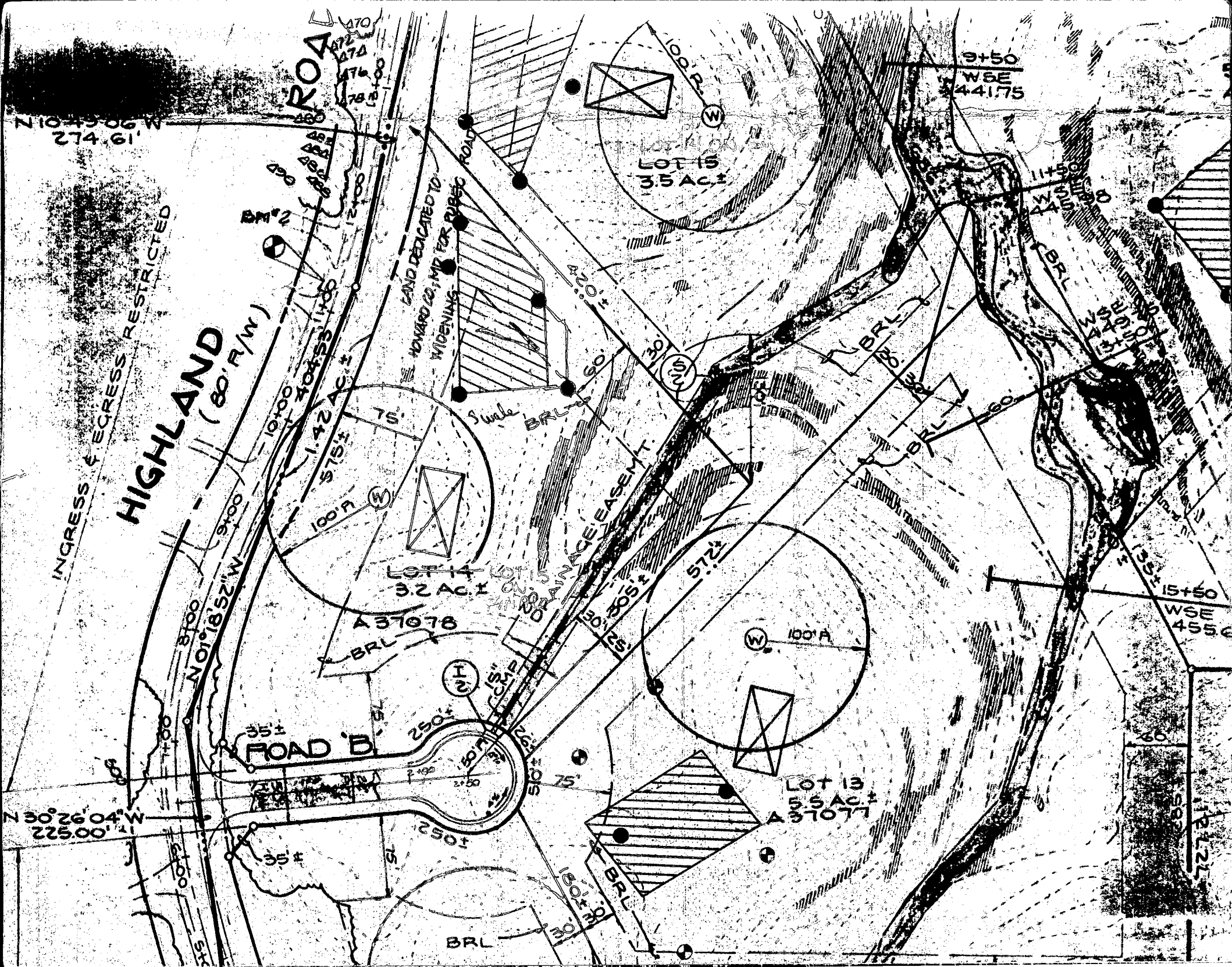
REMARKS Holes dug per survey on stake erect Hole ⑤

TYPE OF SOIL

TESTED BY R HONGER & B MIXON

PERCENT

EH-12-1079



N 10° 49' 06" W  
274.61'

ROAD

9+50  
WSE  
444.75

INGRESS & EGRESS RESTRICTED

HIGHLAND  
(80' R/W)

LAND DEDICATED TO  
WIDENING  
HIGHWAY FOR PUBESC  
ROAD

1.42 AC ±

LOT 15  
3.5 AC ±

LOT 14  
3.2 AC ±

A 37078

LOT 13  
5.5 AC ±

A 37077

ROAD B

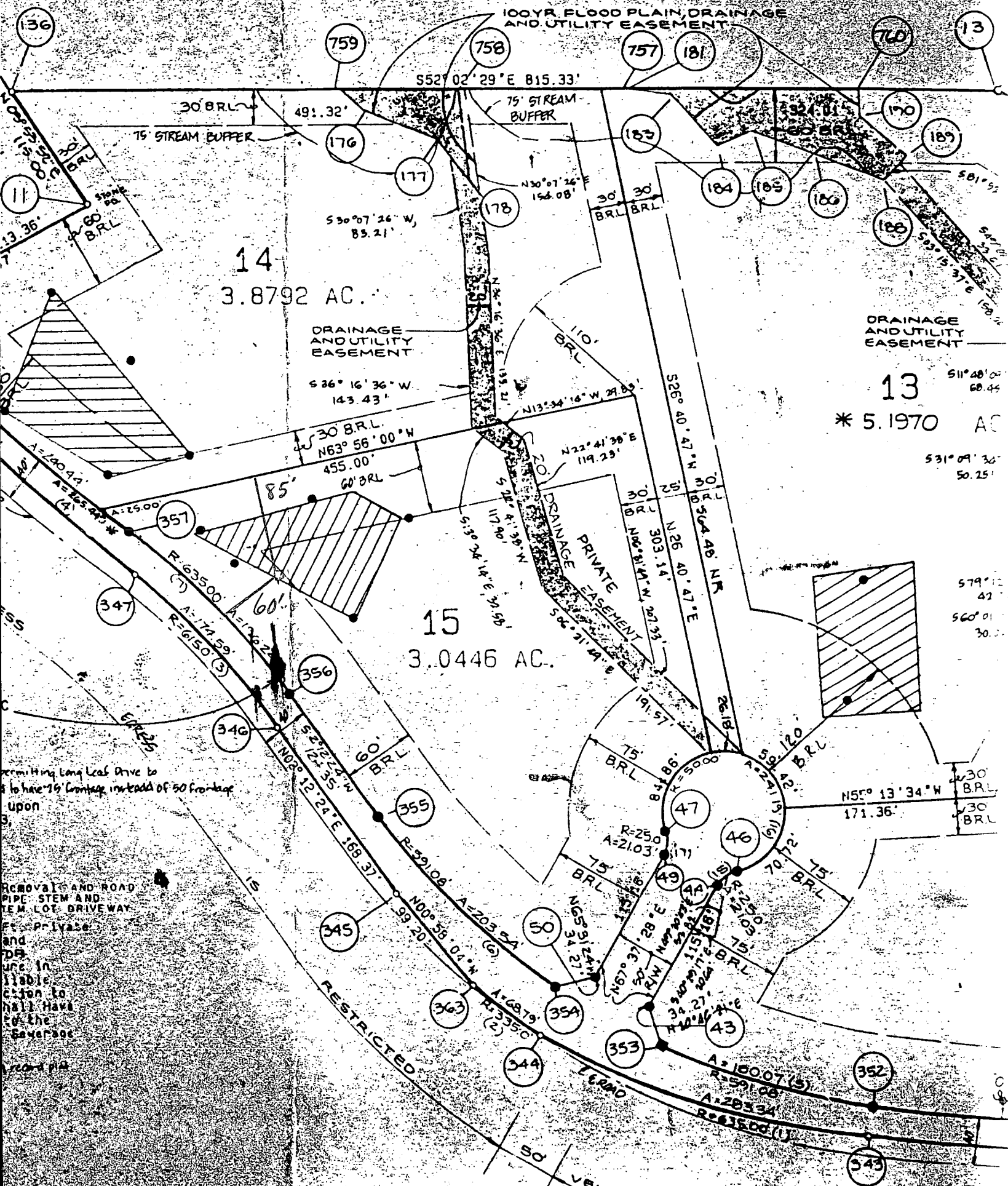
N 01° 18' 52" W  
9100

N 30° 26' 04" W  
71,005.22

DRAINAGE EASEMENT

15+50  
WSE  
455.6

12+22



14  
3.8792 AC.

15  
3.0446 AC.

13  
\* 5.1970 AC

Permitting Long Leaf Drive to  
have 19' frontage instead of 50' frontage  
upon  
B.

REMOVAL AND ROAD  
PIPE STEM AND  
TEMP. LOT DRIVEWAY

Private  
and  
for  
use in  
liable  
action to  
shall have  
to the  
sewerage

Record plat

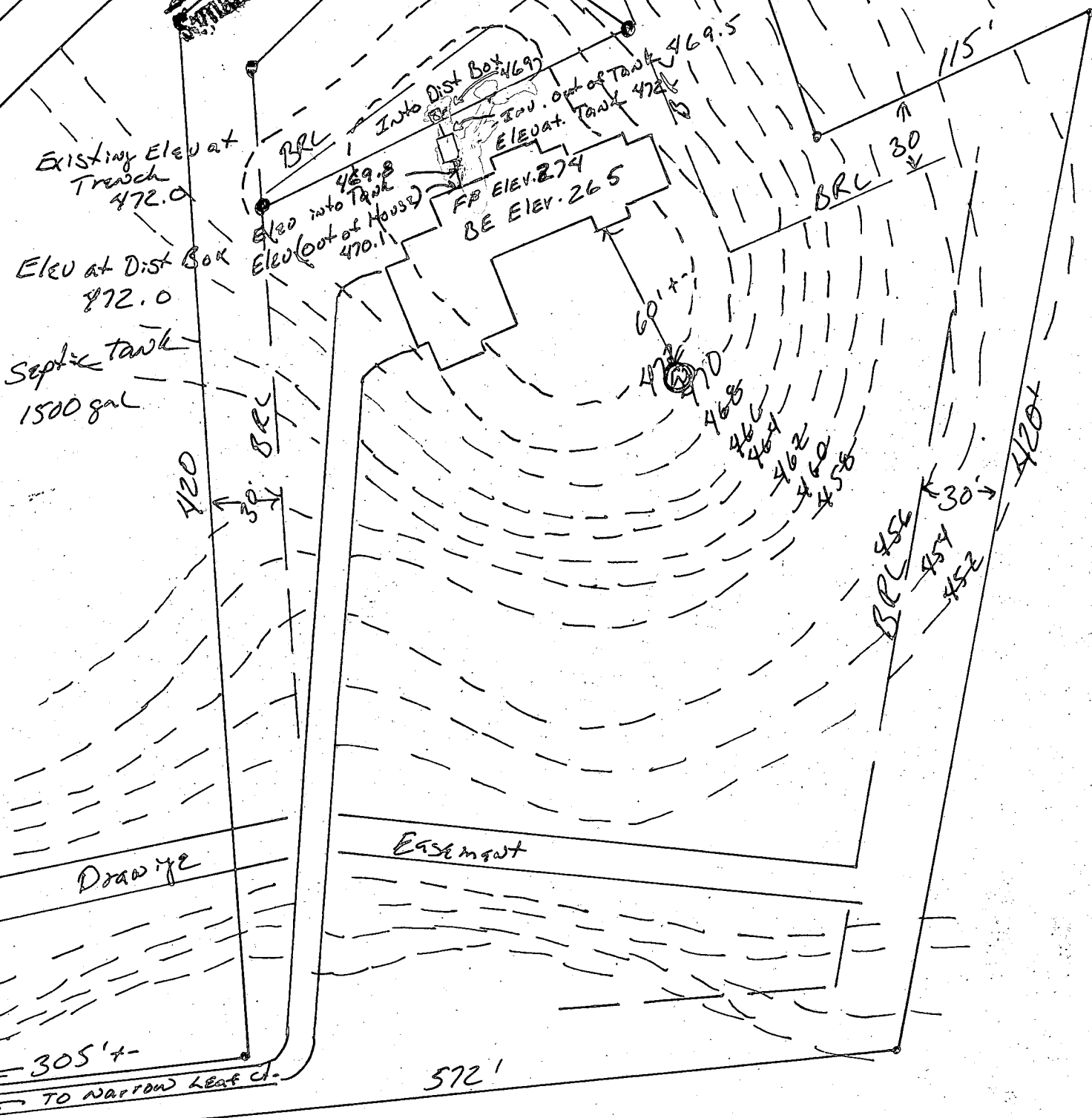
RESTRICTED  
TERMINO

50' VEHICLE

Ronald A. Ricks  
 13509 Narrow Leaf Ct.  
 Lot 14 Highland Meadows  
 Clarksville Md.  
 Building Permit #  
 B00102508  
 301-498-3357

Advanced Septic System Plan  
 Howard County Health Department  
 B00102508

Highland Road  
 274'



Existing Elev at Trench 472.0  
 Elev at Dist Box 472.0  
 Septic tank 1500 gal

Into Dist Box 469.5  
 Elev. out of Tank 472.0  
 FB Elev. 274  
 BE Elev. 265

470  
 468  
 466  
 464  
 462  
 460  
 458

30'  
 456  
 454  
 452

305' +  
 TO NARROW LEAF CT.

572'

C1 7708 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND WELL COMPLETION REPORT

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

COUNTY NUMBER A 37079

DATE RECEIVED [ ] DATE WELL COMPLETED 03/16/88

DEPTH OF WELL 160 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-81-2597

OWNER DEVELOPMENT ROBERT STREET OR RFD "B" OFF HIGHLAND ROAD TOWN CLARKSVILLE SUBDIVISION HIGHLAND MEADOWS SECTION LOT 15 FINAL

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), Check if water bearing. Includes entries for Top Soil, Clay, Shaley, Sand Stone, Mica, etc.

GROUTING RECORD: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL CEMENT (CM), BENTONITE CLAY (BC), NO. OF BAGS 13, NO. OF POUNDS 1300.

CASING RECORD: MAIN CASING TYPE (ST), Nominal diameter (6), Total depth of main casing (40).

OTHER CASING (if used) diameter and depth from/to.

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

DEPTH (nearest ft.) table with columns for casing and screen depths.

CIRCLE APPROPRIATE LETTER: A WELL WAS ABANDONED AND SEALED, 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...

DRILLERS IDENT. NO. 40, DRILLERS SIGNATURE [Signature]

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

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.

PUMPING TEST: HOURS PUMPED (nearest hour) 3, PUMPING RATE (gal. per min. to nearest gal.) 10, METHOD USED TO MEASURE PUMPING RATE Bucket, WATER LEVEL (distance from land surface) BEFORE PUMPING 46, WHEN PUMPING 50, 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 EXCEPT HOME USE TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE: CAPACITY: GALLONS PER MINUTE (to nearest gallon), PUMP HORSEPOWER, PUMP COLUMN LENGTH (nearest ft.), CASING HEIGHT (circle appropriate box and enter casing height) above below 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). Includes handwritten note: 50' well, Highland RD.



3/4/88  
from signed  
Preliminary

429.367'  
ALIGNMENT 0.45'  
FACE

1+50  
WSE 424.04

V. 186.997'  
EOD, 3/4, 0.6'  
FACE

0250

EX. 22'  
PAV'T.

499000

06" W

W

RESTRICTED

INGRESS &  
EGRESS  
RESTRICTED

N21°32'46"E

53°12'38"E

430  
432  
434  
436  
438

440  
442  
444  
446  
448  
450  
452

458

ROAD

460  
462  
464  
466  
468  
470  
472  
474  
476  
478

LAND DEDICATED TO  
HOWARD CO., MD FOR PUBLIC  
WIDENING

LAND  
(80' R/W)

42 AC. ±

75'

BRL

420'

60'

30'

30'

130'

BRL

60'

579°56'08"E  
278.81'

N03°53'52"E  
1115.1'

5450  
CONV  
AREA

7+50  
WSE  
43702

14 ON PINK  
LOT 15  
3.5 AC. ±

wherever  
needed to  
slope  
road  
is  
shown  
with  
hatched  
area

PROPOSED PRELIM  
100 YEAR FLOOD  
EASEMENT

LOT  
5.7 AC  
A3702

42 430

50'

11+50

WSE

44002

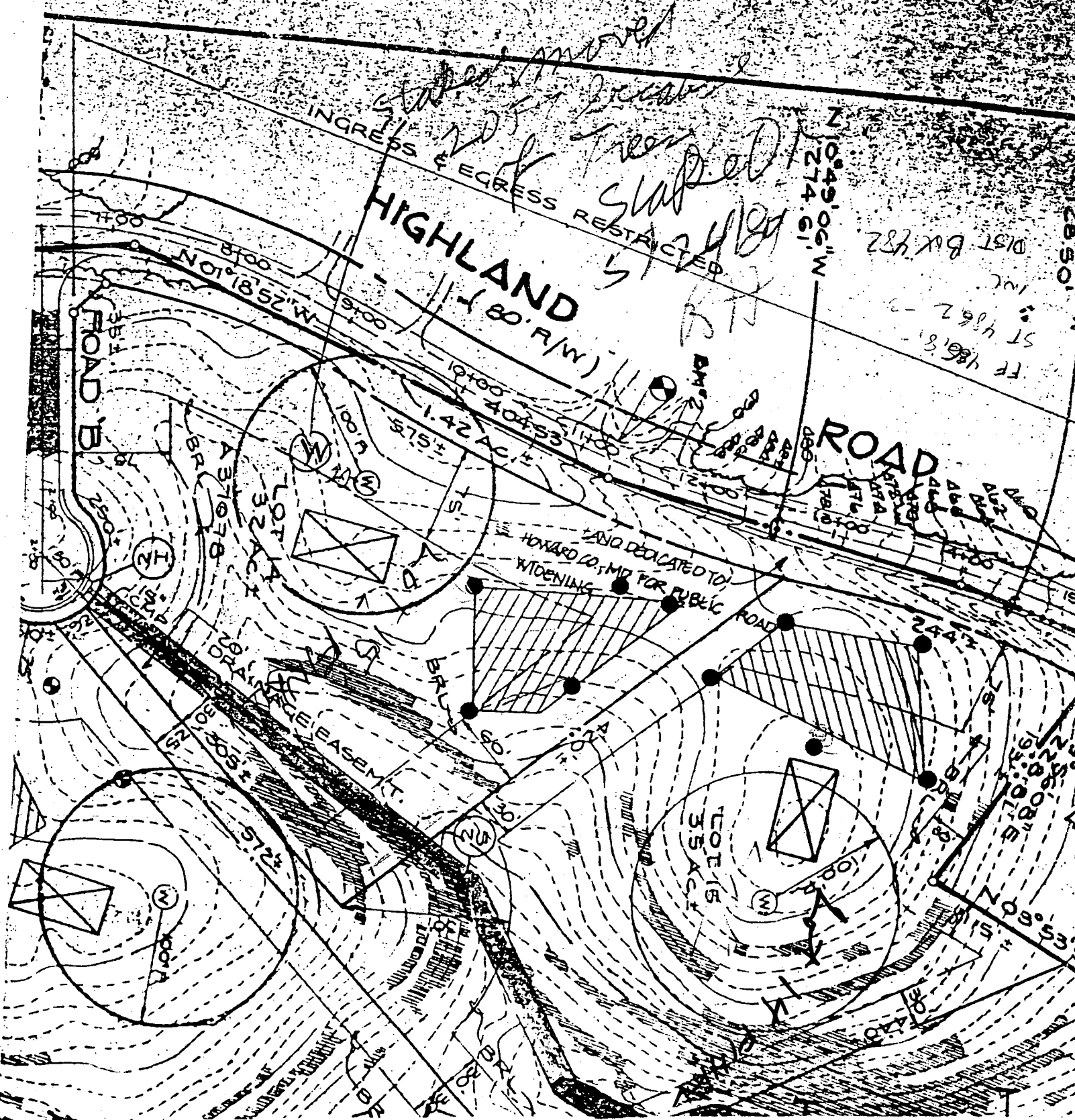
BRL

W

11+50

WSE

44002



*started moved  
road  
started  
road*

INGRESS & EGRESS RESTRICTED

HIGHLAND ROAD  
(80' R/W)

$10^{\circ}49'06''$  W  
274.61'

FP 486.8  
ST 486.2  
DIST BK 482

FOOD B

ROAD

LAND DEDICATED TO  
HOWARD CO. IMP. FOR PUBLIC  
WIDENING

LOT 17  
32 AC

LOT 16  
32 AC

LOT 15  
35.5 AC

LOT 14  
32 AC

LOT 13  
32 AC

LOT 12  
32 AC

LOT 11  
32 AC

LOT 10  
32 AC

LOT 9  
32 AC

LOT 8  
32 AC

LOT 7  
32 AC

EASEMENT

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1700

8700

10100

11400

12700

14000

15300

16600

17900

19200

20500

21800

23100

24400

25700

27000

28300

29600

8700

10100

11400

12700

14000

15300

16600

17900

19200

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29600



B 1 1594

SEQUENCE NO. (DP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

please print or type

STATE PERMIT NUMBER

HO-81-2597

fill in this form completely

Date Received (APA)

030388

OWNER INFORMATION

ROBERT DEVELOPMENT

12250 ROCKVILLE PIKE

ROCKVILLE MD 20852

B 3

LOCATION OF WELL

HOWARD

HIGHLAND MEADOWS

SECTION LOT 15

CLARKSVILLE

MILES FROM TOWN (enter 0 if in town) 1 MI

George F. Easterday

40

Driller's Name

77 License No. 80

L. Franklin Easterday, Inc.

Firm Name

9265 Brown Church Rd., Mt. Airy, Md. 21771

Address

George F. Easterday 3-2-88

Signature

Date

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)

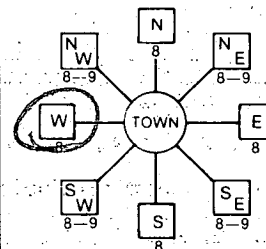
INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)

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

TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



ROAD 26 OFF HIGHLAND RD

Brighton Dam Rd

NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



530

DISTANCE FROM ROAD

ENTER FT or MI FT

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

HOWARD

COUNTY NAME

A 37079

COUNTY NO.

STATE SIGNATURE

INSERT S

DATE ISSUED

030488

B Nylom

09/04/88

NORTH GRID 498 0 0 0

EAST GRID 0805 0 0 0

APPROXIMATE DEPTH OF WELL 200 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

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

N THIS WELL WILL NOT REPLACE AN EXISTING WELL

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 DEEPEM AN EXISTING WELL

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

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

APPROP. PERMIT NUMBER GAP

FORCE PERMIT NO. HO-81-2597

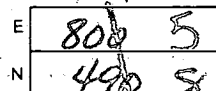
SPECIAL CONDITIONS TO BE CONVERTED TO DRINKING WELLS UPON FINAL PLAT APPROVAL

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.

