Partial 6/2/78 HS Final 6/5/78

6/2/78

P 27507 HS

A ~~26966~~ 502940

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

HOWARD COUNTY

ELLICOTT CITY

DISTRICT 3rd

INDEXED

DATE 1/30/78

Howard Edwards IS PERMITTED TO INSTALL X ALTER

ADDRESS _____ PHONE _____

SUBDIVISION _____ ROAD Triadelphia Road LOT B

PROPERTY OWNER Mary & Robert Brandt

ADDRESS 13071 Triadelphia Road, Ellicott City, Md.

SPECIFICATIONS 3 bedroomss.

SEPTIC TANK CAPACITY 1000 GALLONS

DRAIN FIELD _____ DEPTH _____ FEET, BOTTOM AREA _____ SQ. FT.

DEEP TRENCH _____ DEPTH _____ FEET, BOTTOM AREA _____ SQ. FT.

SEEPAGE PITS _____ ABSORBENT SIDE-WALL AREA 120 SQ. FT. per bedroom

INLET PIPE 4 FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH 12 FT. BELOW ORIGINAL GRADE

EFFECTIVE DEPTH AT _____ FT. BELOW ORIGINAL GRADE.

LOCATE DISPOSAL AREA 215 FT. FROM front LOT LINE AND 25 FT. FROM left LOT LINE AS SEEN WHEN FACING LOT FROM Triadelphia Road.

NOTE: The left lot line is 923.69 feet long and has a bearing of 515.

PLANS APPROVED BY Raymond Hodges DATE 11/21/77

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 PLACING GRAVEL IN TRENCH.

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER.

NOTE: ALL PIPE FROM HOUSE TO DISPOSAL AREA MUST BE CAST IRON.

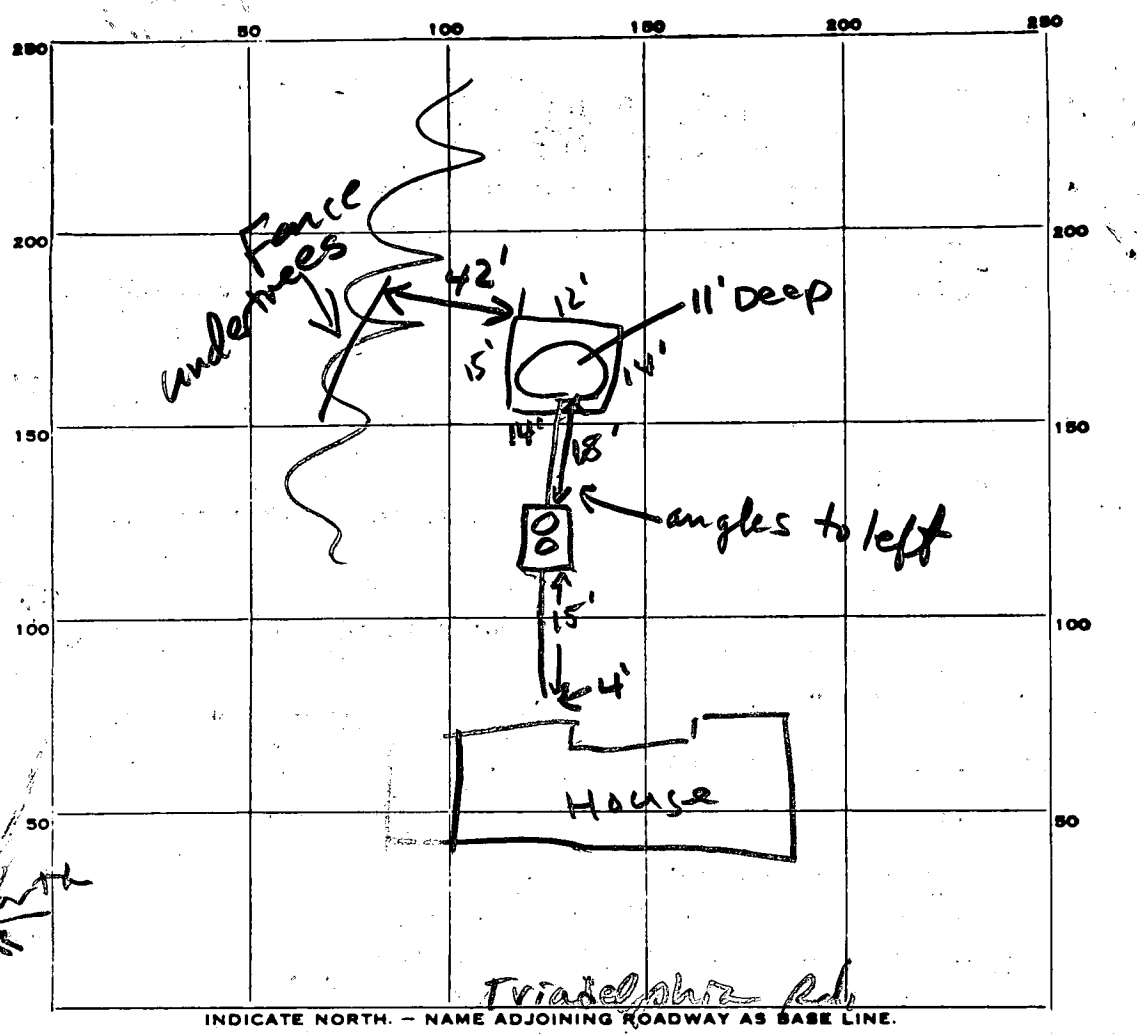
PERMIT VOID AFTER THREE YEARS.

NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA ACCEPTED.

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

HD - 23

A ~~26966~~ 502940



55
+7
385 #

INDICATE NORTH. – NAME ADJOINING ROADWAY AS BASE LINE.

PERMIT CARD yes

SEPTIC TANK, LEVEL yes CLEANOUTS terra Cotta

DISTRIBUTION BOX, LEVEL N/A

TILE FIELD, DEPTH N/A FT. TRENCH WIDTH ____ FT.

GRAVEL DEPTH ____ IN. TOTAL LENGTH ____ FT.

NUMBER OF TRENCHES ____ TOTAL ~~BOTTOM~~ Sidewall AREA ____

SEEPAGE PITS, INSIDE ~~DIAMETER~~ Perim. 55 FT. DEPTH BELOW INLET 7 FT.

ABSORBENT AREA 385 SQ. FT.

REMARKS Recement pipe outlet from Septic tank.
Stop work, call Office system may be in wrong location.
No Lot lines staked out. J/S 6/2/78
Location OK, Pipe reset in Cement per Mr.
Edwards today 6/5/78 J/S

DATE SYSTEM APPROVED 6/5/78 INSPECTOR J Spilker

Recorded 10/13/77 9:30 A.M.

APPLICATION

A 26966

P

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES
P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 465-5000, EXT. 356

DISTRICT 3rd

DATE 9/28/77

See separate sheet for fees

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 Mary C. & Robert C. Brandt

ADDRESS 13071 Triadelphia Road, Ellicott City, Maryland PHONE

PROPERTY LOCATION:

SUBDIVISION LOT NO. Parcel B

ROAD AND DESCRIPTION next to 13071 Triadelphia Road

SIZE OF LOT ? 6.288 Ac TYPE BLDG. 3 or 4 bedrooms
NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. BLDG. PERMIT SIGNED AND RETURNED 1/4/78

SIGNATURE OF APPLICANT Howard A. Edwards Lic # 34525

APPROVED BY Raymond Hodges FOR Dry Well DATE 11/21/77
(KIND OF SYSTEM)

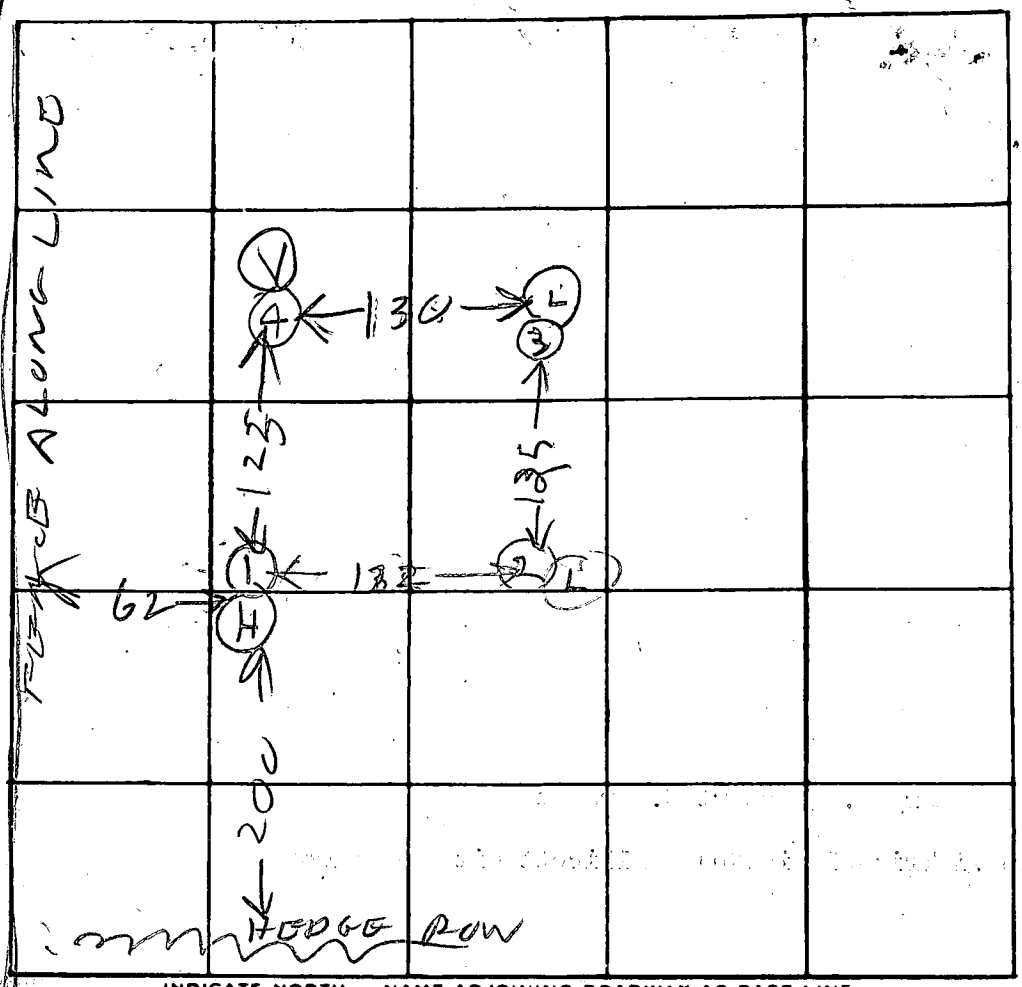
REJECTED BY FOR DATE
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS DATE

REASONS FOR REJECTION OR HOLDING 10/13/77 Perc OK Hold for Plat RH, 10/27/77 Final Plat OK by RH 11/2/77 Signed Plat Returned

5

THIS IS NOT A PERMIT



INDICATE NORTH. — NAME ADJOINING ROADWAY AS BASE LINE

45

DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME	
10/13/77	1S	4½	1025	1029	1029	1035	6	HOLE LEVELS HIGHEST
	1D	12½	1026	1029	1029	1030	1	
	2S	5½	1034	1100	1100	1012	12	NEXT LOW
	2D	13	1034	1040	1040	1046	6	
	3S	4	1044	1045	1045	1048	3	LOWEST
	3D	14½	1057	1100	1100	1128	28	
10/13/77	4V	13	TOP 030	3FT CLAY 10FT SAND				NEXT HIGH 2

REMARKS Perc OK Certify Holes & Submit Plan

TYPE OF SOIL

TESTED BY R J Hodges ALSO PRESENT: H. Edwards

*12-6-94 No final plat required - subdivision done by deed (adjoiner transfer)

A 50294D

SUBDIVISION: Brandt Property LOT NUMBER: 7 Existing House

DRY WELL OR DRY WELL AND TRENCH

_____ sq. ft./bedroom

	Septic Tank	Minimum Total Square Feet
3 bedroom	1000 gallon	_____
4 bedroom	1250 gallon	_____
5 bedroom	1500 gallon	_____

Inlet _____ feet below original grade.

Bottom maximum depth _____ feet below original grade.

Effective area begins at _____ feet below original grade.

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 _____ feet of stone below distribution pipe.

TRENCHES

180 sq. ft./bedroom

Trench to be 2 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.

NOTE:
(1) No trench to exceed 100 feet in length.
(2) If more than one trench used, a distribution box is required.
(3) Trenches to be installed on level ground.
(4) Call for inspection of trench before gravel is installed.
(5) Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank and drywell.
(6) If a garbage disposal is used, increase septic tank capacity by 50% and increase absorbent sidewall area by 22%.

LOCATION: 1/3/94 FOR FUTURE REPAIRS - RUN TRENCHES OFF EXISTING SYSTEM. BEGINNING FROM THE BACK LEFT LOT CORNER START FIRST REPAIR TRENCH 35 FEET UP THE BACK LOT LINE AND 200 FEET OFF THAT SAME LOT LINE WHEN FACING THE LOT FROM TRIADELPHIA ROAD. RUN TRENCHES ON CONTOUR TOWARD THE FRONT LOT LINE AVM

HD-191

APPLICATION

PERCOLATION TESTING

A 502940

P _____

DISTRICT _____

DATE 9/23/94

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

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 _____

ADDRESS _____ PHONE _____

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. LOT 7 EXISTING HOUSE

ROAD AND DESCRIPTION _____

_____

TAX MAP _____ PARCEL # _____

SIZE OF LOT _____ TYPE BLDG. _____
(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. _____
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING _____

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

HD-216 (3/92)

Lot 7
EXISTING HOUSE

COUNTY #

SOIL PROFILE

0'

B

dark orange brn SiCL

3.5

pink SiL 5% shale OR

diggable hard bottom

12.5

A

dark orange

2.2'

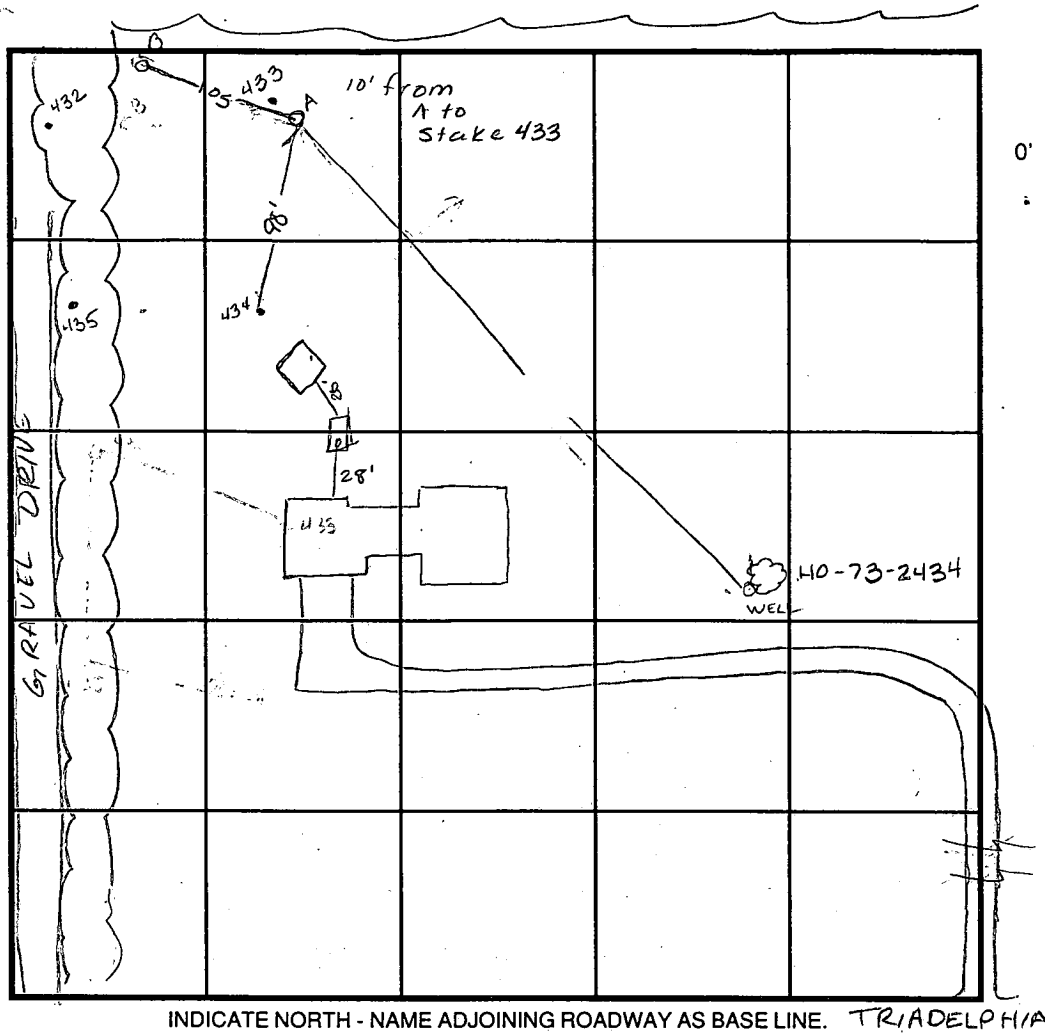
lgt brn SiL

4.5

reddish brn SSiL 15% shale

hard diggable bottom

10'



SOIL PROFILE

0'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE. TRIADELPHIA RD

DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME
8-19-94	B	3.5 / V125	5:48	5:48 45	5:48 45	5:49 15	30sec
	B	repour	5:50	5:51	5:51	5:52 15	1¼min
	A	3.5 / V10'	5:56	5:56 30	5:56 30	5:57	30sec
	A	repour	5:57	5:58	5:58	5:59 15	1¼min
	A	repour	559 30	6:02	6:02	6:04	2min

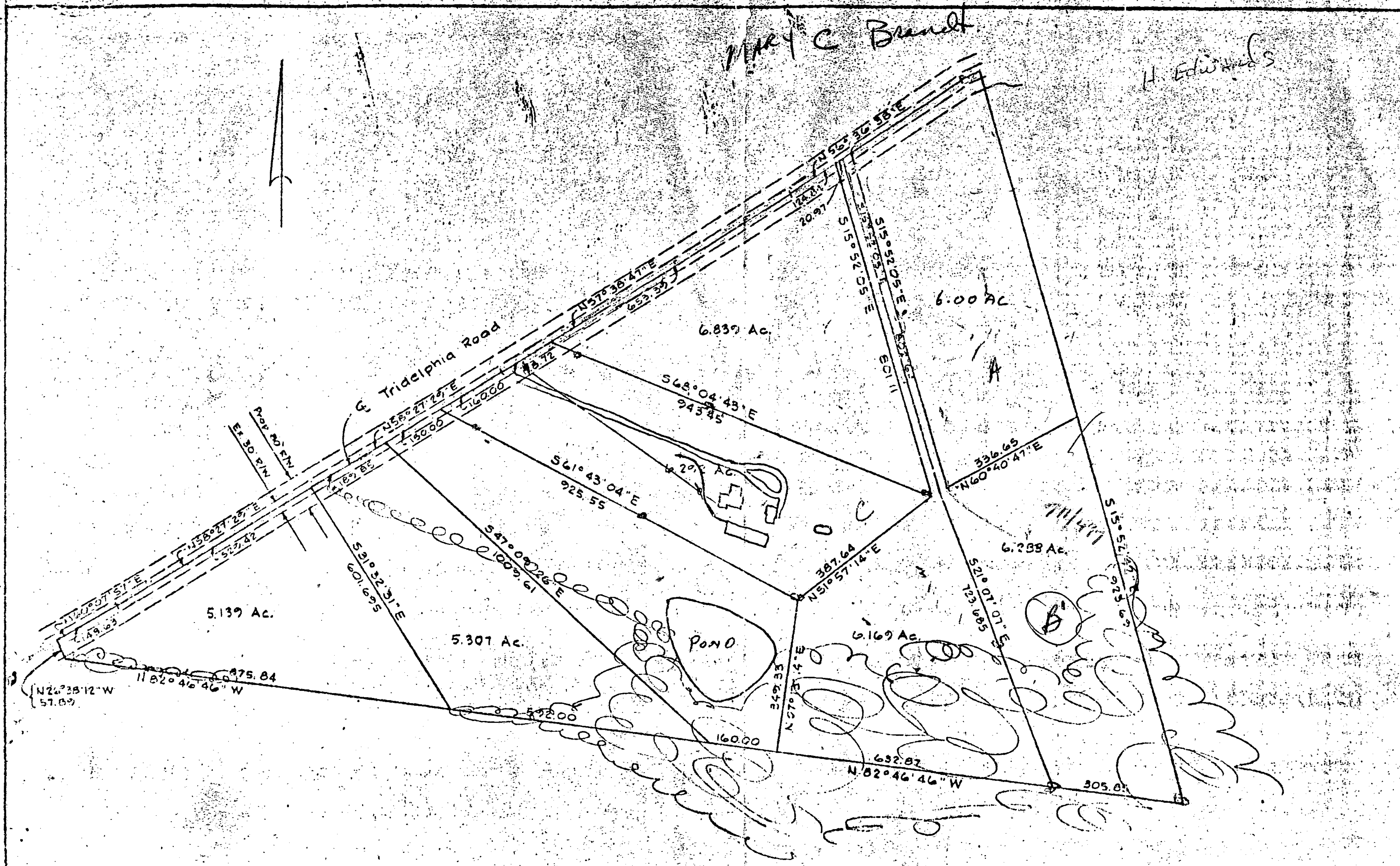
REMARKS shallow system only

TYPE OF SOIL

TESTED BY Amy McMillen ALSO PRESENT OLAN KETTERMAN

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 2 min TRENCH WIDTH 3'

INLET DEPTH 3 MAXIMUM BOTTOM DEPTH 5 SQ. FT/BEDROOM 180

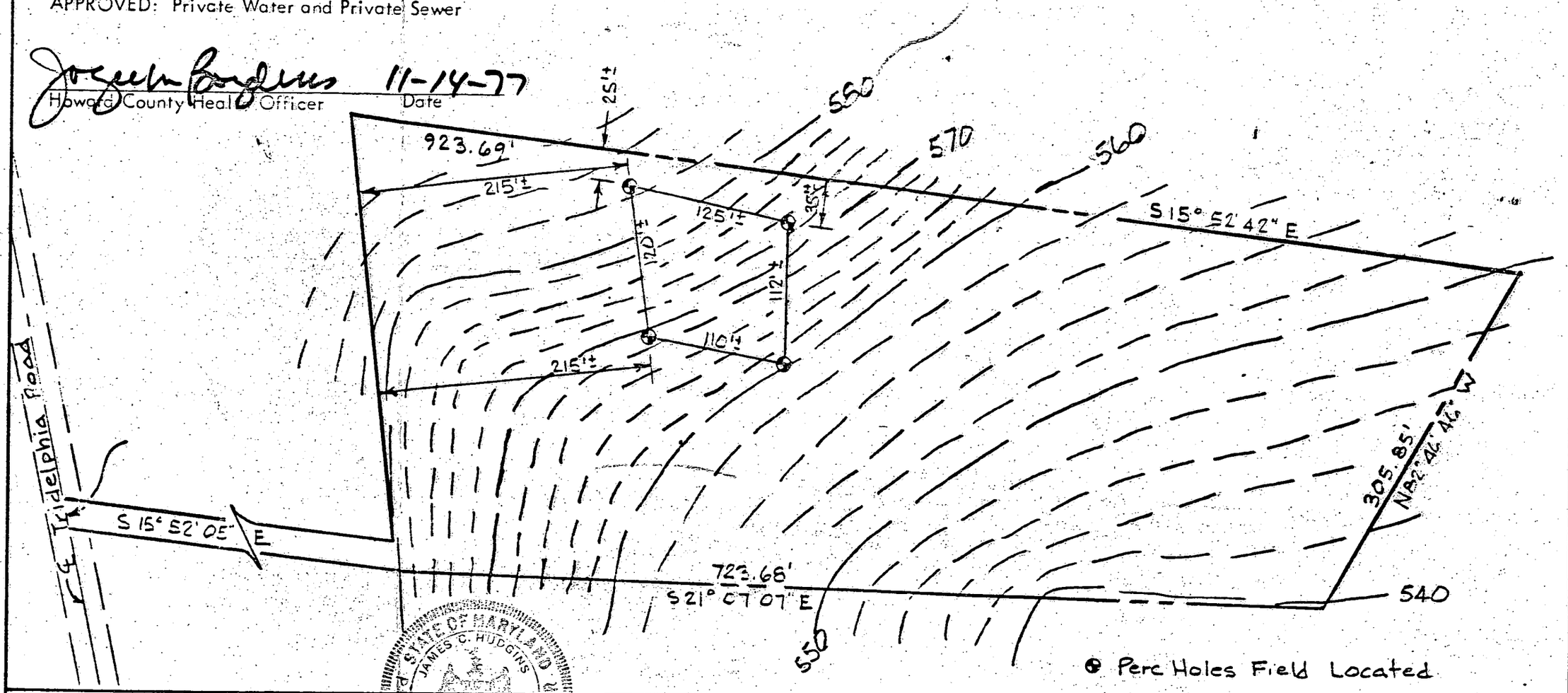


Mary C. Brandt
H. Edwards
N 56° 36' 58" E
124.81
20.97
S 15° 52' 05" E
S 15° 52' 05" E
6.00 AC
A
N 57° 38' 47" E
653.33
G. Tridelphia Road
6.839 Ac.
S 68° 04' 43" E
943.45
13.72
N 58° 27' 25" E
160.00
160.00
Prop 50' R/W
Ex. 30' R/W
183.83
S 61° 43' 04" E
925.55
6.20 Ac.
C
336.65
N 60° 40' 47" E
N 58° 27' 25" E
533.42
S 31° 32' 31" E
601.695
S 47° 09' 26" E
1009.61
387.64
N 51° 57' 14" E
S 21° 07' 07" E
723.685
6.238 Ac.
S 15° 52'
925.69
B'
N 60° 07' 51" E
149.63
5.139 Ac.
5.307 Ac.
POND
6.169 Ac.
N 24° 38' 12" W
57.89
N 82° 46' 46" W
875.84
592.00
349.33
N 07° 31' 14" E
160.00
632.82
N 82° 46' 46" W
305.85

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

APPROVED: Private Water and Private Sewer

Joseph Hudgins 11-14-77
Howard County Health Officer Date



STATE OF MARYLAND
JAMES C. HUDGINS
No. 96
REGISTERED
PROPERTY LINE SURVEYOR

Owner: Mrs. Mary C. Brandt
13071 Tridelphia Road
Ellicott City, Maryland 21043

J. Carl Hudgins
J. CARL HUDGINS No. 96

REFERENCE MERIDIAN

RICHARD P. BROWNE ASSOCIATES
CONSULTING ENGINEERS, PLANNERS
WAYNE, N.J. COLUMBIA, MD.

MAP OF PROPERTY OF
MARY C. BRANDT
SITUATED IN
3rd Election District Howard County, Md.

SCALE: 1" = 100' DATE: 10-25-77

PROJECT No. 3591 W. O. No. _____

DRAWN _____ CHECKED _____

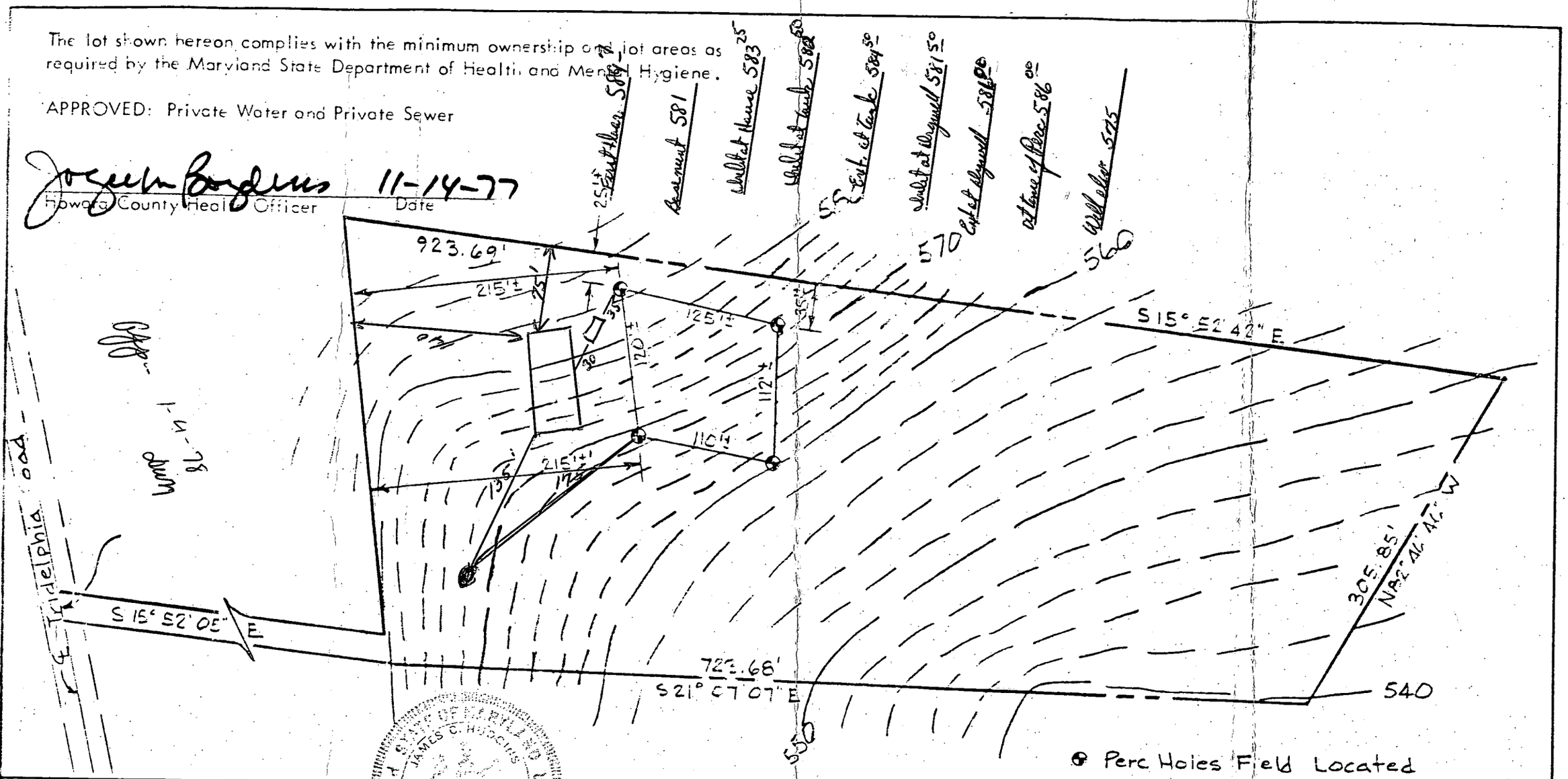
BRUNING 40-105 11334

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

APPROVED: Private Water and Private Sewer

Joseph Rodgers 11-14-77

Howard County Health Officer Date



Owner: Mrs. Mary C. Brandt
13071 Tridelphia Road
Ellicott City, Maryland 21043

STATE OF MARYLAND JAMES C. HUDGINS No. 96 REGISTERED PROPERTY LINE SURVEYOR

J. Carl Hudgins

J. CARL HUDGINS No. 96

REFERENCE MERIDIAN

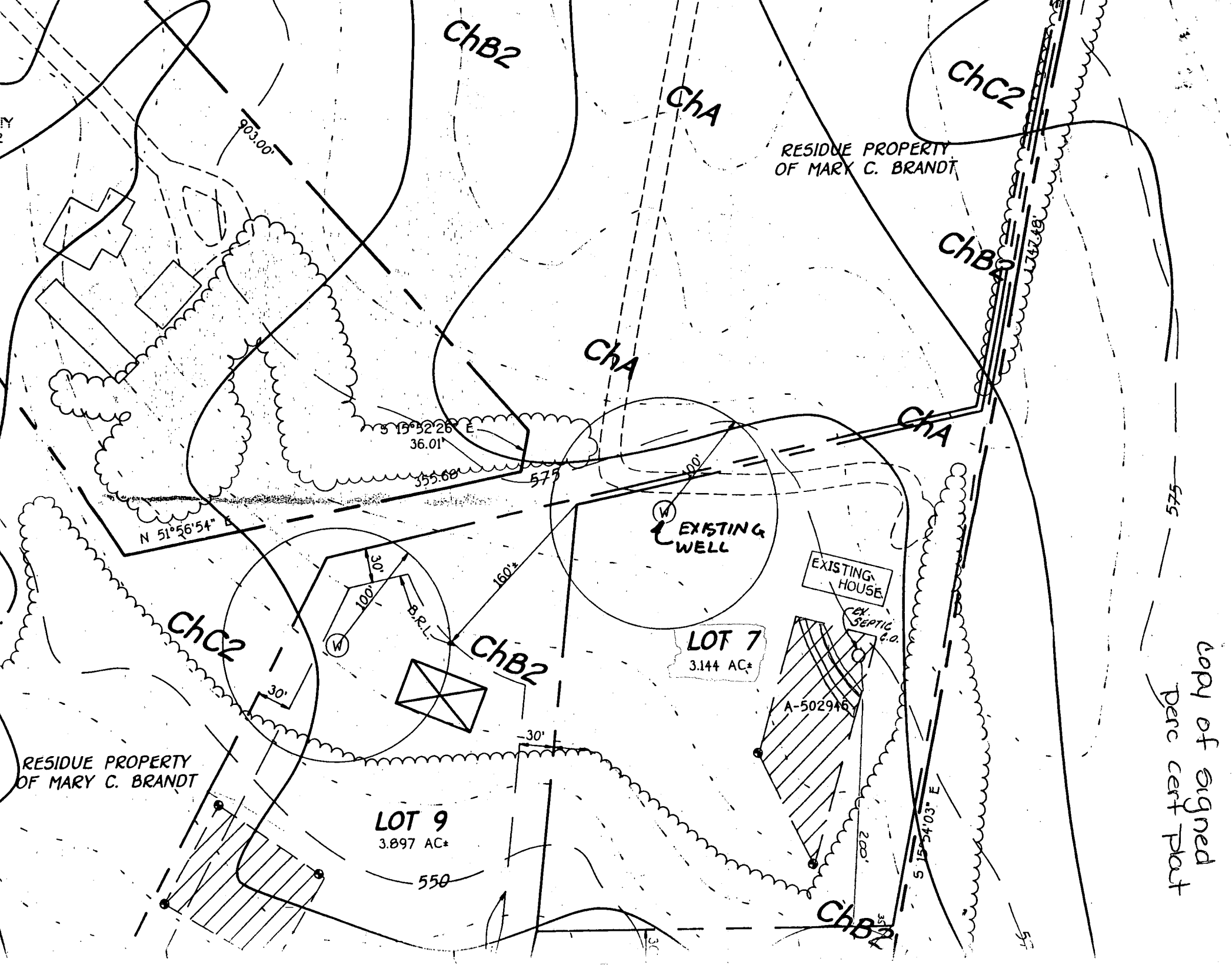
RICHARD P. BROWNE ASSOCIATES
CONSULTING ENGINEERS, PLANNERS
WAYNE, N.J. COLUMBIA, MD.

MAP OF PROPERTY OF
MARY C. BRANDT
SITUATED IN
3rd Election District Howard County, Md.

SCALE: 1" = 100' DATE: 10-25-77

PROJECT No. 3591 W. O. No.

DRAWN CHECKED


ChB2
ChA
ChC2
RESIDUE PROPERTY
OF MARY C. BRANDT
903.00'
ChB2
ChA
ChA
S 15°32'26" E
36.01'
355.68'
575
100'
N 51°56'54" E
EXISTING
WELL
EXISTING
HOUSE
EX. SEPTIC
E.O.
30'
100'
B.R.L.
160'±
ChC2
ChB2
LOT 7
3.144 AC±
A-502946
30'
30'
RESIDUE PROPERTY
OF MARY C. BRANDT
LOT 9
3.897 AC±
550
200'
S 15°54'03" E
ChB2
575
Copy of signed
Perc cert Plat

DRILLER: OBTAIN HEALTH DEPT. APPROVAL AND RETURN ALL PARTS OF THIS FORM INTACT TO THE WATER RESOURCES ADMINISTRATION.

EMERGENCY NO. (If any) –

B 1 | 8802 | SEQUENCE NO. (WRA USE ONLY)
1 2 3 (SEQ. NO.) 6
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND
WATER RESOURCES ADMINISTRATION
TAWES STATE OFFICE BLDG., ANNAPOLIS, MARYLAND 21401
APPLICATION FOR PERMIT TO DRILL WELL

A269669

WRA PERMIT NUMBER

FILL IN THIS FORM COMPLETELY

DATE RECEIVED (WRA USE ONLY) 12/20/77 10:00 AM

OWNER Barndt (BRANDT) Mary
COL 15 LAST NAME FIRST NAME COL. 34

STREET OR RFD
COL 36 COL. 55

POST OFFICE Ellicott City Md –
COL 57 COL. 76

8-13

B 1 CONTINUED (SEQ. NO.) 6

DRILLER INFORMATION

DATE Nov 3, 1977 LICENSE NUMBER 238 (77–80)

Joseph L. Mayne
FIRST NAME DRILLER LAST NAME

SIGNATURE Joseph L. Mayne

B 2 (SEQ. NO.) 6

WELL INFORMATION

MAXIMUM PUMPING RATE (GALLONS PER MINUTE) 5 (8–12)

AVERAGE DAILY QUANTITY NEEDED (GALLONS PER DAY) 750 (14–20)

USE FOR WATER (CIRCLE APPROPRIATE BOX)

(D) HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
(F) FARMING, AGRICULTURE, IRRIGATION
(I) INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOVERNMENT.
22
(M) MUNICIPAL WATER SUPPLY
(P) PRIVATE WATER COMPANY
} MUST HAVE STATE HEALTH DEPT. APPROVAL
(T) TEST

APPROXIMATE DEPTH OF WELL 200 (24–28) FEET

APPROXIMATE DIAMETER OF WELL 6 (NEAREST INCH)

METHOD OF DRILLING USED (CIRCLE APPROPRIATE METHOD)

BORED (OR AUGERED) JETTED DRIVEN
30-37 (AIR-ROTARY) AIR-PERCUSSION ROTARY (HYDRAULIC ROTARY)
CABLE REVERSE-ROTARY DRIVE-POINT

OTHER (DESCRIBE) _____

REPLACEMENT OR DEEPENED 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
39
(S) THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY
(D) THIS WELL WILL DEEPEN AN EXISTING WELL
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPENED (IF AVAILABLE)
(41–52)

NOT TO BE FILLED IN BY DRILLER (WRA USE ONLY)

APPROPRIATION PERMIT NUMBER G A P (54–63) ENGINEER REVIEW DISTRICT NO. (65)

FORCE (67–68) WRITE INITIALS IN BOX

CONDITIONS A E N S G W Q C/L U (70–79)

B 4 CONTINUED (SEQ. NO.) 6

HEALTH DEPARTMENT APPROVAL

41 (S) STATE HEALTH (CIRCLE BOX) Howard COUNTY NAME W27189 COUNTY NO.

DATE MO. 12 DAY 07 YR. 77 APPROVED BY

B 3 (SEQ. NO.) 6

LOCATION OF WELL

COUNTY Howard (8–21) (DO NOT ABBREVIATE COUNTY NAME)

SUBDIVISION (23–42)

SECTION – (44–46) LOT B (48–50)

NEAREST TOWN Glenelg (52–71)

MILES FROM TOWN (ENTER 0 IF IN TOWN) 2½ (73–76) M I 77 78

B 4 (SEQ. NO.) 6

DIRECTION FROM TOWN (CIRCLE APPROPRIATE BOX)

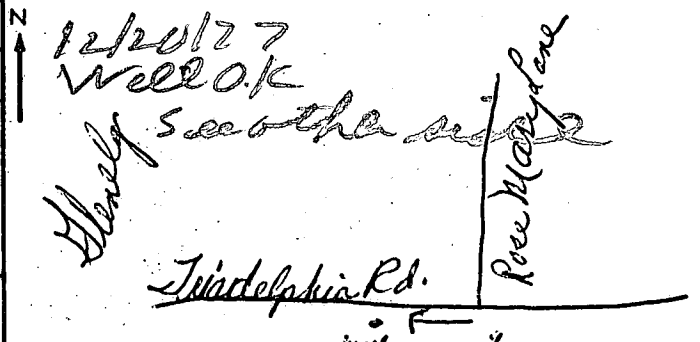
(N) NORTH (E) EAST (NE) NORTHEAST (SE) SOUTHEAST
(S) SOUTH (W) WEST (NW) NORTHWEST (SW) SOUTHWEST
8 8 8 9 8 9

NEAR WHAT ROAD Philadelphia Rd. (11–30)

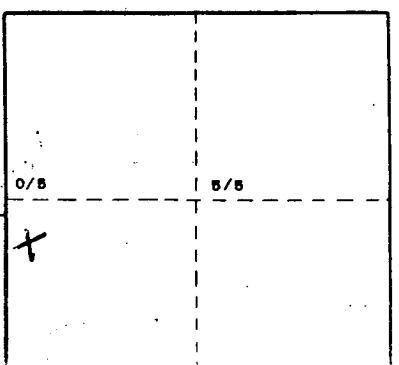
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NORTH (N) 32 SOUTH (S) 32 EAST (E) 32 WEST (W) 32

DISTANCE FROM ROAD (ENTER DISTANCE AND CIRCLE APPROPRIATE BOX) 60 (34–37) F T M I 38 39

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWN ROADS AND STREAMS WITH NORTH IN THE DIRECTION OF THE ARROW, AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION OR STREAM CROSSING SHOWN ON THE SKETCH. ALSO SHOW, BY MEANS OF AN "X", THE WELL LOCATION IN THE BOX BELOW AND THE BOX NUMBER FROM THE WELL LOCATION MAP.



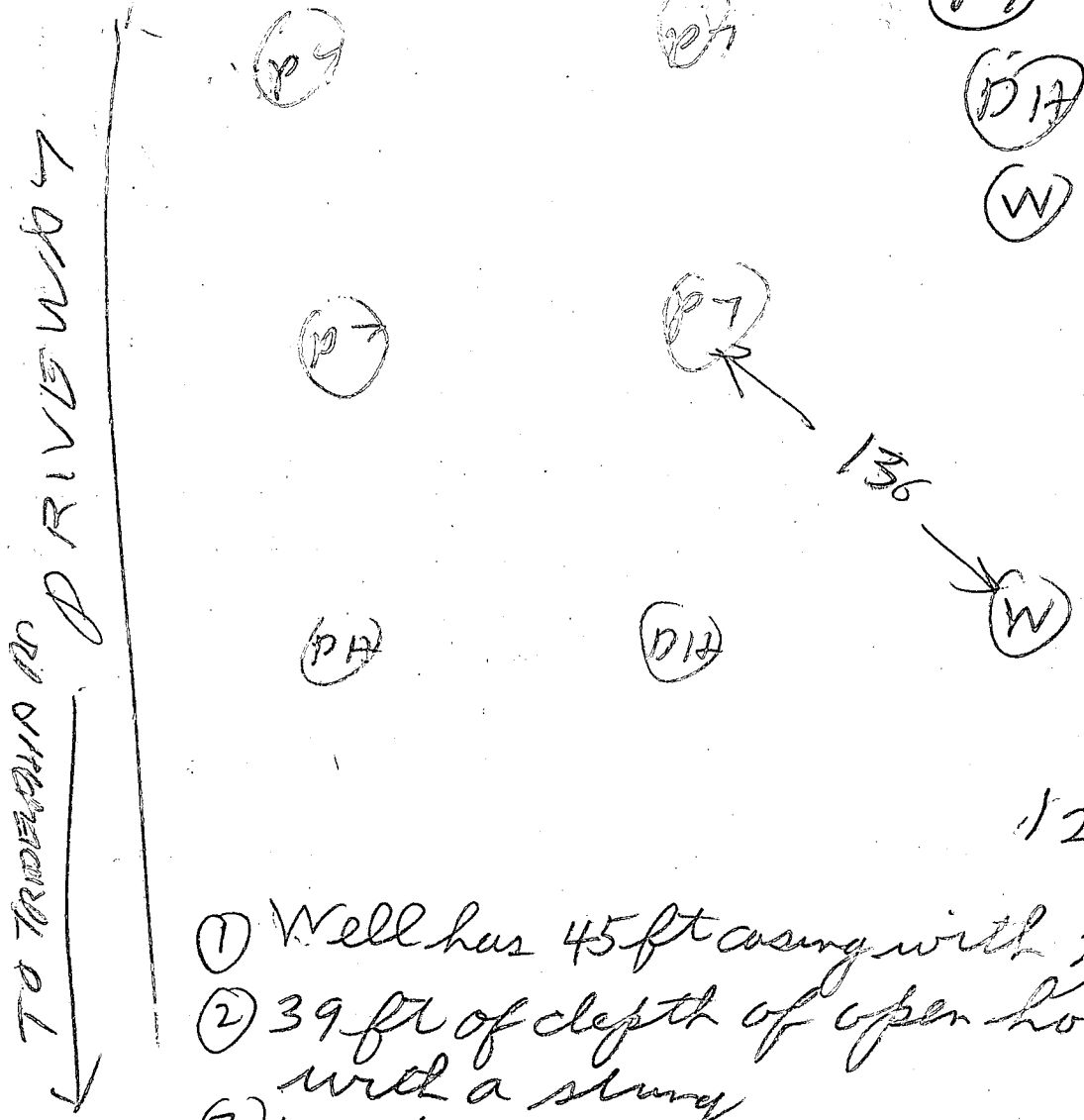
BOX NUMBER E 810 N 520



NORTH COORDINATE (50–55)

EAST COORDINATE (57–63)

ELEVATION AT



12/2017 9:50 AM

(1) Well has 45 ft casing with 2 ft out of ground
(2) 39 ft of depth of open hole measured with a stump
(3) Location of well OK
(4) Truck stuck so we had to wait till after lunch to grout
(5) 13 bags used well OK

R Hodges

DNR-214 (7-77)

C 1 9195 SEQUENCE NO. (WRA USE ONLY)
1 2 3 (SEQ. NO.) 6
(THIS NUMBER IS TO BE PUNCHED IN COLS. 5-6 ON ALL CARDS)

STATE OF MARYLAND
WATER RESOURCES ADMINISTRATION
TAWES STATE OFFICE BLDG., ANNAPOLIS, MD. 21401
WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WI IN 30 DAYS AFTER WELL COMPLET

FILL IN THIS FORM COMPLETELY

COUNTY NUMBER

DATE RECEIVED (WRA USE ONLY) 8-13

DATE WELL COMPLETED Dec. 14, 1977 (15-20)

DEPTH OF WELL 205 (22 (TO NEAREST FOOT) 26)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-77-9459 (28 29 30 31 32 33 34 35 36 37)

DRILLERS IDENTIFICATION NO. 238

OWNER Ranft Henry
LAST NAME FIRST NAME

STREET OR RFD Pleasant Valley POST OFFICE Fork

WELL DESCRIPTION

WELL LOG

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

DESCRIPTION (USE ADDITIONAL SHEETS IF NECESSARY)	FEET FROM	FEET TO	CHECK IF WATER BEARING
Sand	0	43	
Mica Rock	43	205	
Sand fill in 2 Hours			
Coarse			

GROUTING RECORD

WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX) YES [Y] (44) NO [N] (44)

TYPE OF GROUTING MATERIAL (CIRCLE BOX): CEMENT [C M] (45 46) BENTONITE CLAY [B C] (45 46)

NO. OF BAGS 13 NO. OF POUNDS 1722

GALLONS OF WATER 78

DEPTH OF GROUT SEAL (TO NEAREST FOOT)

FROM 0 (48 52) FT. TO 39 (54 58) FT.

(ENTER 0 IF FROM SURFACE)

CASING RECORD

CASING TYPES — INSERT APPROPRIATE CODE BELOW

[S T] STEEL [C O] CONCRETE [P L] PLASTIC [O T] OTHER

MAIN CASING TYPE	NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH)	TOTAL DEPTH OF MAIN CASING (NEAREST FOOT)
S T (60 61)	6 (63 64)	45 (66 70)

EACH CASING — OTHER CASING (IF USED)

	DIAMETER (INCH)	DEPTH (FEET) FROM	TO

SCREEN RECORD

SCREEN TYPE OR OPEN HOLE — INSERT APPROPRIATE CODE BELOW

[S T] STEEL [B R] BRASS OR BRONZE [H O] OPEN HOLE [P L] PLASTIC [O T] OTHER

C 2 (1 2 3 (SEQ. NO.) 6)

EACH SCREEN — DEPTH (NEAREST WHOLE FOOT)

	FROM	TO
1 (8 9)	43 (11 15)	205 (17 21)
2 (23 24)	(26 30)	(32 36)
3 (38 39)	(41 45)	(47 51)

SLOT SIZE 1, ____ 2, ____ 3, ____

DIAMETER OF SCREEN ____ (56 60) (NEAREST INCH)

GRAVEL PACK FROM ____ TO ____

IF WELL DRILLED WAS A FLOWING WELL CIRCLE BOX (68) [F]

CIRCLE APPROPRIATE BOXES

[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 I HAVE COMPLIED WITH ALL CONDITIONS STATED ON THE ABOVE-CAPTIONED "PERMIT TO DRILL WELL", AND THAT INFORMATION CONTAINED IN THIS REPORT IS TRUE, ACCURATE, AND COMPLETE TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF.

DRILLERS NAME

(PLEASE PRINT) Joseph L. Mayer

SIGNATURE Joseph L. Mayer

WRA USE ONLY (NOT TO BE FILLED IN BY DRILLER)

T (70) TELESCOPE CASING (E.R.O.S.) (72) LOG INDICATOR W Q (74 75 76) OTHER DATA AVAILABLE

C 3 (1 2 3 (SEQ. NO.) 6)

PUMPING TEST

HOURS PUMPED (TO NEAREST HOUR) 6 (8 9)

PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) 3 (11 15)

METHOD USED TO MEASURE PUMPING RATE Air

WATER LEVEL: (DISTANCE FROM LAND SURFACE)

BEFORE PUMPING 55 (17 20) (NEAREST FOOT)

WHEN PUMPING 80 (22 25) (NEAREST FOOT)

TYPE OF PUMP USED (CIRCLE APPROPRIATE BOX) (FOR PUMPING TEST)

[A] AIR (27) [P] PISTON (27) [T] TURBINE (27)

[C] CENTRIFUGAL (27) [R] ROTARY (27) [O] OTHER (DESCRIBE BELOW) (27)

[J] JET (27) [S] SUBMERSIBLE (27)

PUMP INSTALLED

TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX — SEE ABOVE: A, C, J, P, R, S, T, O) (29)

DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX) YES [Y] NO [N]

CAPACITY:

GALLONS PER MINUTE (TO NEAREST GALLON) (31 35)

PUMP HORSE POWER (37 41)

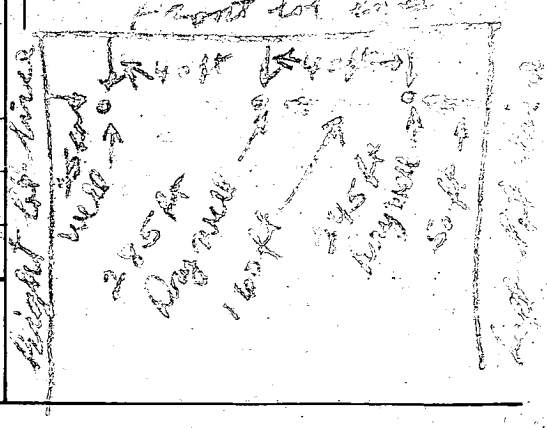
PUMP COLUMN LENGTH (NEAREST FOOT) (43 47)

CASING HEIGHT (CIRCLE APPROPRIATE BOX AND ENTER CASING HEIGHT)

[+] ABOVE / [−] BELOW LAND SURFACE 2 (49 50 51) (NEAREST FOOT)

LOCATION OF WELL ON LOT

N ↑ SHOW PERMANENT STRUCTURE SUCH AS BUILDINGS, SEPTIC TANKS, AND/OR OTHER LAND MARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL).



HEALTH

12/6/89
10:00
J. Reuwer
confirmed test date

APPLICATION

PERCOLATION TESTING

A 45281

P

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

Review OK. Engrs 11/28/89 CWilliams

DISTRICT

DATE 11/28/89

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 GEORGE F. KIELMAN C/O LAND DESIGN & DEVELOPMENT, INC.

ADDRESS 8307 MAIN ST. ELLICOTT CITY 21043 PHONE 461-4600 JOHN REUWER

PROSPECTIVE BUYER N/A

ADDRESS PHONE

PROPERTY LOCATION: EXIST HOUSE

SUBDIVISION KIELMAN PROPERTY LOT NO. 1

ROAD AND DESCRIPTION 13071 TRIADELPHIA RD
ELLICOTT CITY MD. 21043

TAX MAP 22 PARCEL # 400

SIZE OF LOT 3 ACRES +/- TYPE BLDG. SFD
(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. John C. Reuwer 11/28/89
(SIGNATURE OF APPLICANT)

APPROVED BY FOR DATE

REJECTED BY FOR DATE

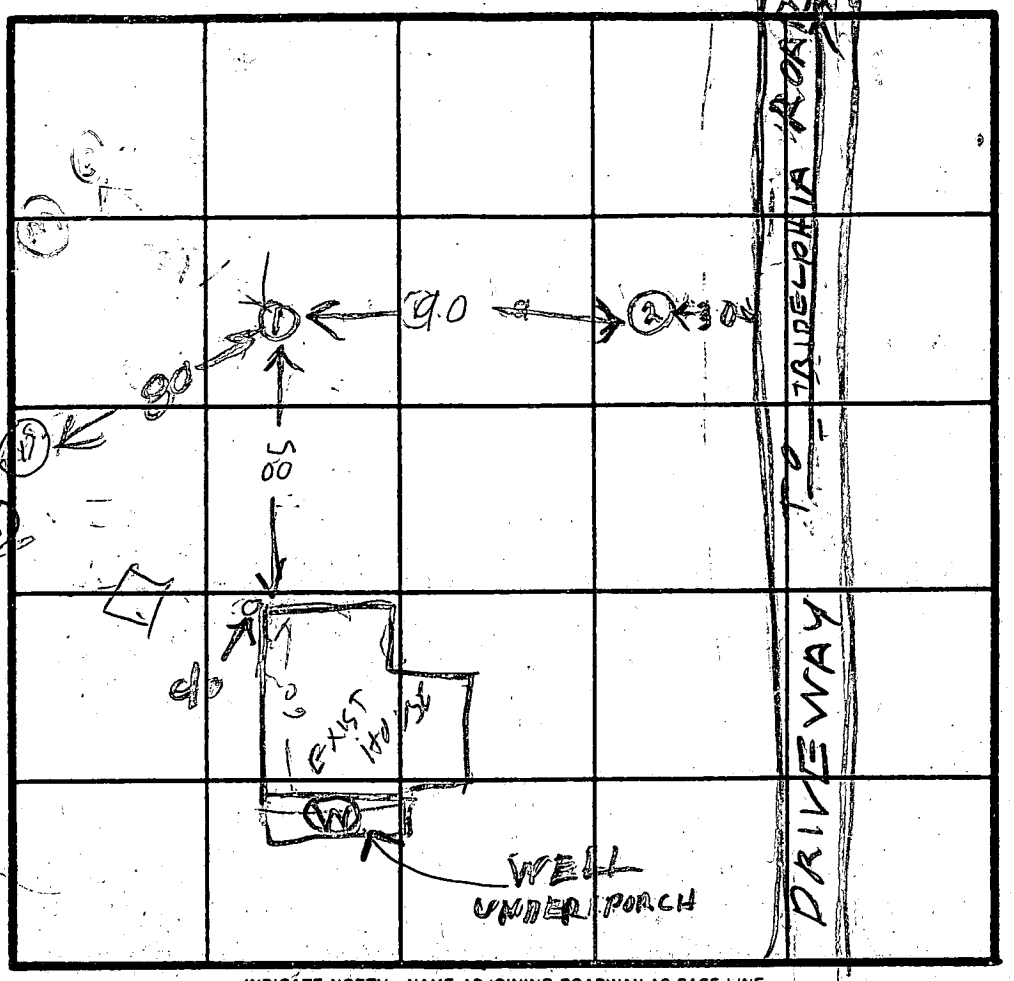
HOLD PENDING FURTHER TESTS DATE

REASONS FOR REJECTION OR HOLDING 12/9/89 PERC OK HOLD FOR PLAT LOT LINES MUST BE CHANGED TO FIT REPAIR PERC AREA
3/13/90 PERC CERT PLAT OK PER RP

THIS IS NOT A PERMIT

HD-216

TRIA. RD.



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

(1)
SOIL PROFILE
0 BROWN CLAY
3
BROWN SANDY SILTY LOAM
9 1/2 ROCK

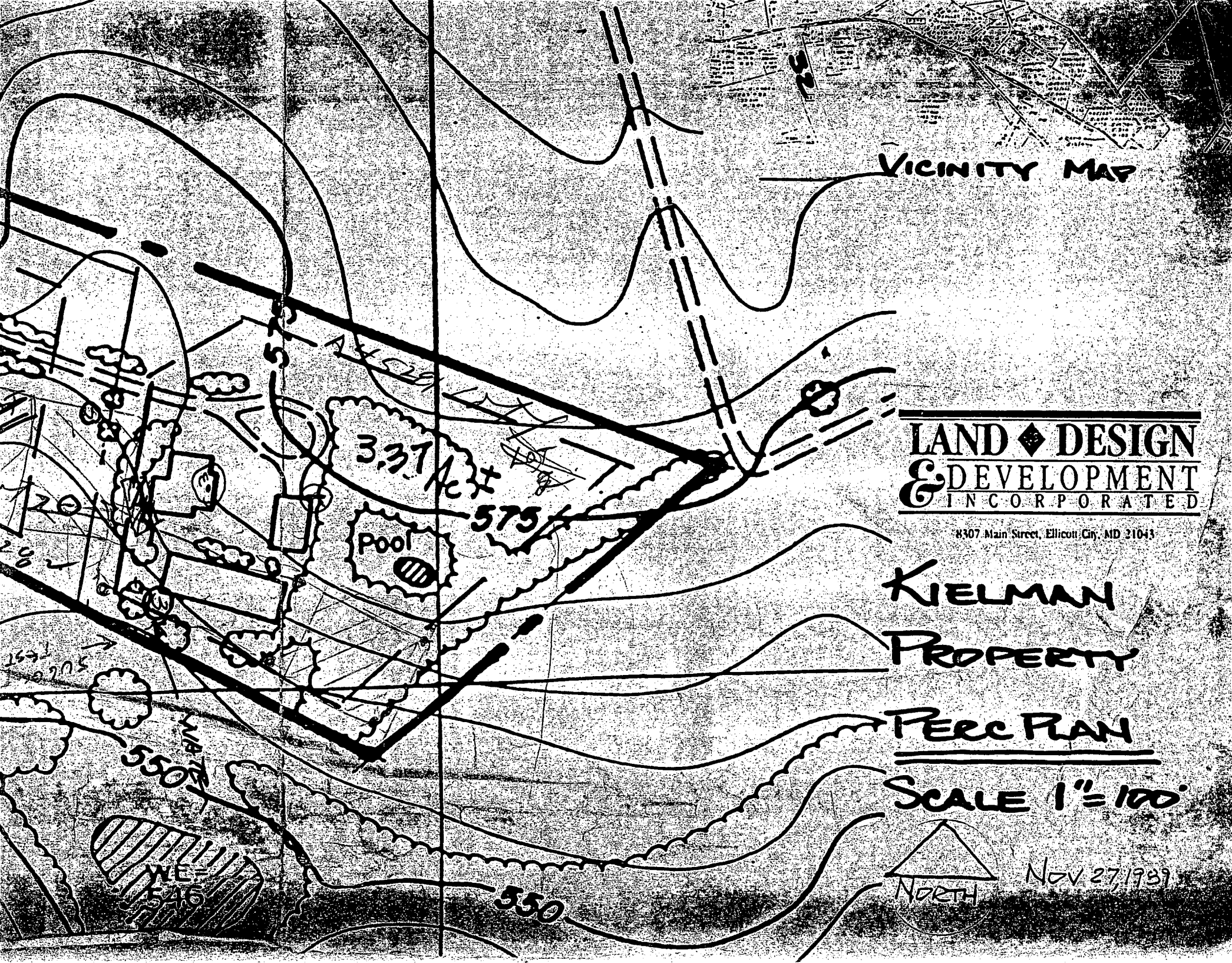
(2)
0 CLAY TOPSOIL
3
BROWN SANDY SILTY LOAM
11 1/2 ROCK

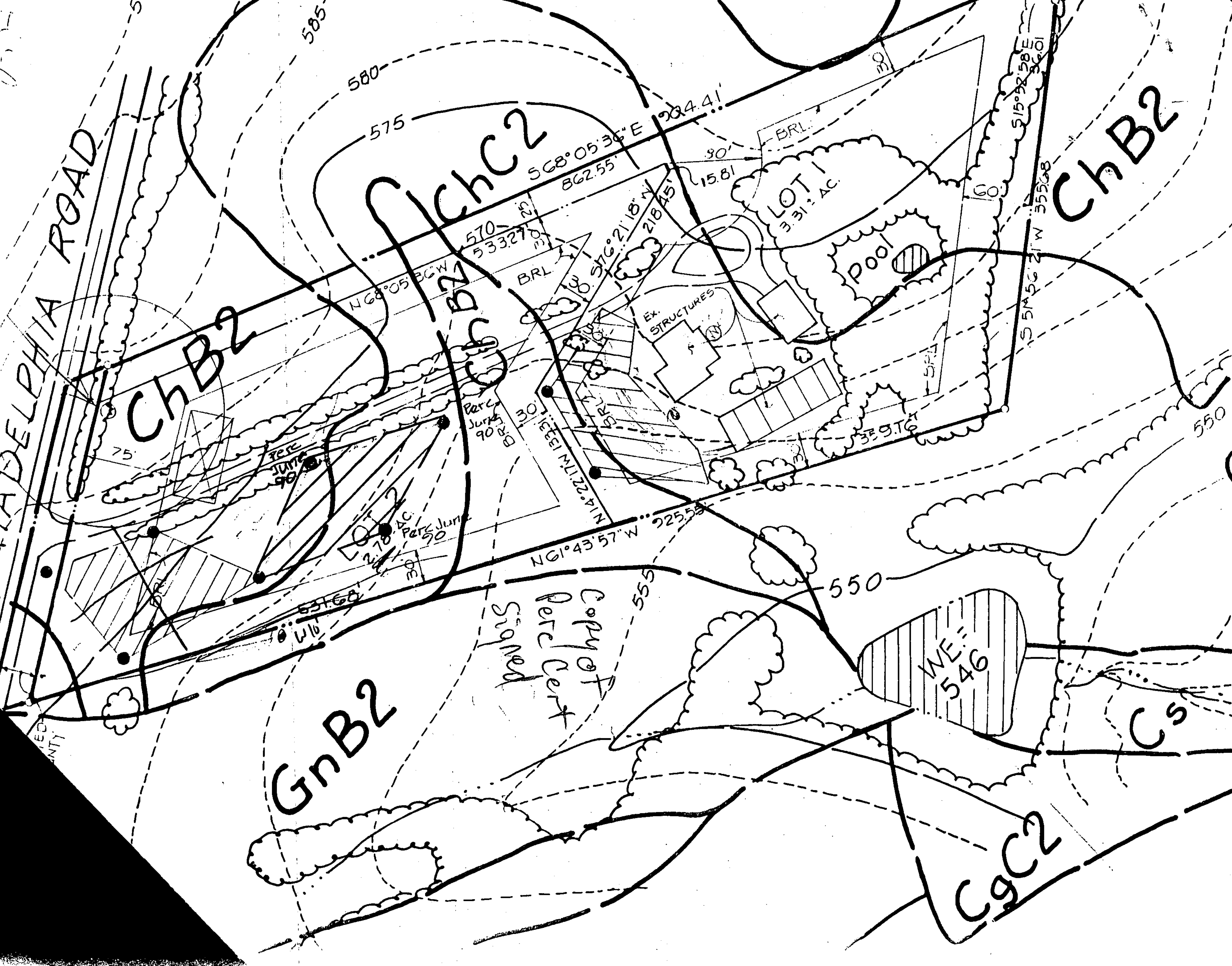
DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST 1" DROP START	TEST 1" DROP STOP	TIME
12/6/89	1S 1D	3 1/2 9.5	1018 OK	1021 SLOW	1021	1026	5
	2S 2D	3 11 1/2	1127 OK	1130	1130	1134	4
	3V	8	WATER		UNSAT		

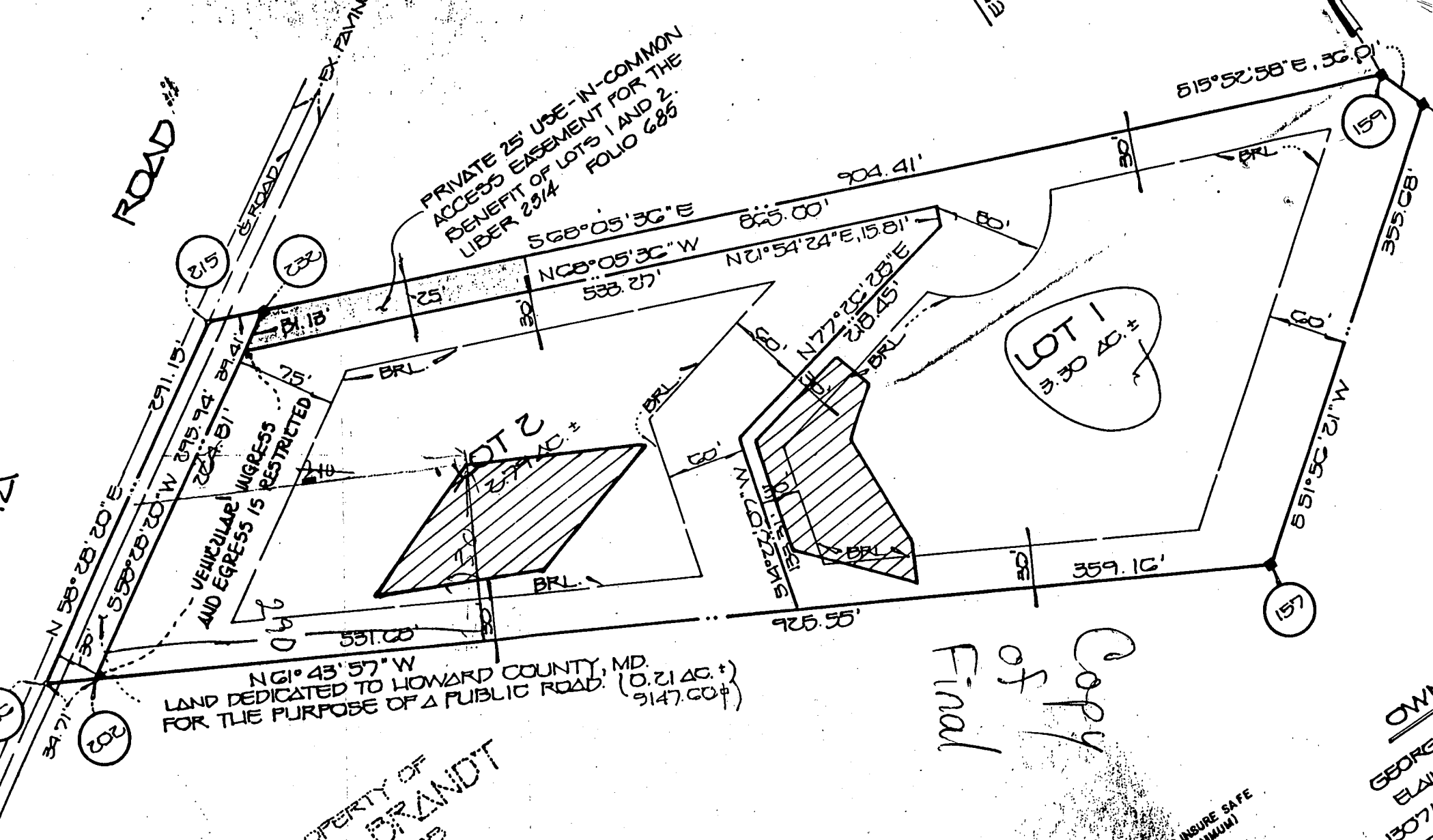
REMARKS

TYPE OF SOIL

TESTED BY B Hodges ALSO PRESENT John Rowe, Kellerman Jr, Lee Retrance


VICINITY MAP
LAND ◆ DESIGN
& DEVELOPMENT
INCORPORATED
8307 Main Street, Ellicott City, MD 21043
KIELMAN
PROPERTY
PERC PLAN
SCALE 1" = 100'
NORTH
Nov 27, 1989
3.37 Ac±
573
Pool
550
546
550


ADELPHIA ROAD
ChB2
ChC2
ChB2
GnB2
GnB2
CgC2
Cs
585
580
575
570
555
550
550
S68°05'36"E
862.55'
N68°05'36"W
533.27'
N61°43'57"W
225.55
LOT 1
3.31± AC.
Pool
Ex. STRUCTURES
BRL
Perc Jung 90
Copy of Perc Cert Signed
WE 546
75'
30'
60'



Final Copy

GENERAL NOTES CONTINUED:

DRIVEWAYS SHALL BE PROVIDED PRIOR TO RESIDENTIAL OCCUPANCY TO INSURE SAFE ACCESS FOR FIRE AND EMERGENCY VEHICLES PER THE FOLLOWING (MINIMUM)

6 FEET,

SIX (6") INCHES OF COMPACTED CRUSHER RUN BASE WITH TAR AND

ANCE - MINIMUM 12 FEET,

IENT TO INSURE ALL WEATHER USE.

OWN

GEORG

ELA

1307

ELLICOT

TICATE

OWN AND DESCRIBED HEREON, H

PLAT BY THE DEPARTMENT

D COUNTY, MARYLAND,

S AND OTHER MUNIC

AREAS SHOWN

OOD PLAI

OPTIC

ENGINEER'S CERTIFICATE

I HEREBY CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITION AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

SIGNATURE OF ENGINEER ____________ DATE ____________

DEVELOPER'S CERTIFICATE

"I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY".

SIGNATURE OF DEVELOPER ____________ DATE ____________

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

U.S. SOIL CONSERVATION DISTRICT ____________ DATE ____________

THIS DEVELOPMENT IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
APPROVED:

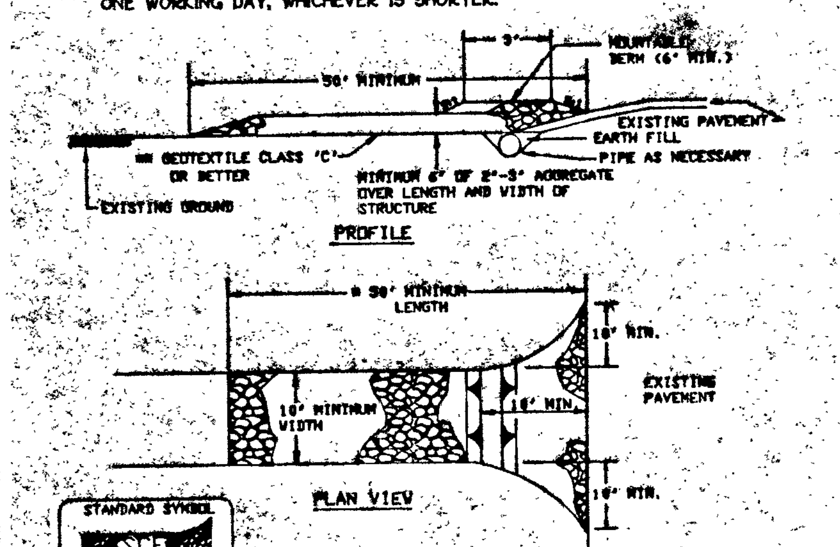
DISTRICT HOWARD SOIL CONSERVATION DIST. ____________ DATE ____________

SEDIMENT CONTROL NOTES

1) A MINIMUM OF 48 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY DEPARTMENT OF INSPECTIONS, LISCENSES AND PERMITS, SEDIMENT CONTROL DIVISION PRIOR TO THE START OF ANY CONSTRUCTION (313-1855).
2) ALL VEGETATIVE AND STRUCTURAL PRACTICES ARE TO BE INSTALLED ACCORDING TO THE PROVISIONS OF THIS PLAN AND ARE TO BE IN CONFORMANCE WITH THE MOST CURRENT MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL AND REVISIONS THERETO.
3) FOLLOWING INITIAL SOIL DISTURBANCE OR RE-DISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: a) 7 CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DIKES, PERIMETER SLOPES AND ALL SLOPES STEEPER THAN 3:1, b) 14 DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.
4) ALL SEDIMENT TRAPS/BASINS SHOWN MUST BE FENCED AND WARNING SIGNS POSTED AROUND THEIR PERIMETER IN ACCORDANCE WITH VOL. 1, CHAPTER 12, OF THE HOWARD COUNTY DESIGN MANUAL, STORM DRAINAGE.
5) ALL DISTURBED AREAS MUST BE STABILIZED WITHIN THE TIME PERIOD SPECIFIED ABOVE IN ACCORDANCE WITH THE 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR PERMANENT SEEDING (SEC. 51), SOD (SEC. 54), TEMPORARY SEEDING (SEC. 50), AND MULCHING (SEC. 52). TEMPORARY STABILIZATION WITH MULCH ALONE CAN ONLY BE DONE WHEN RECOMMENDED SEEDING DATES DO NOT ALLOW FOR PROPER GERMINATION AND ESTABLISHMENT OF GRASSES.
6) ALL SEDIMENT CONTROL STRUCTURES ARE TO REMAIN IN PLACE AND ARE TO BE MAINTAINED IN OPERATIVE CONDITION UNTIL PERMISSION FOR THEIR REMOVAL HAS BEEN OBTAINED FROM THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
7) SITE ANALYSIS:

TOTAL AREA OF SITE	57,186 SQ.FT.
AREA DISTURBED	8,640 SQ.FT.
AREA TO BE ROOFED OR PAVED	2,790 SQ.FT
AREA TO BE VEGETATIVELY STABILIZED	5,850 SQ.FT.
TOTAL CUT	CU.YDS.
TOTAL FILL	CU.YDS.
OFFSITE WASTE/BORROW AREA LOCATION	CU.YDS.

8) ANY SEDIMENT CONTROL PRACTICE WHICH IS DISTURBED BY GRADING ACTIVITY FOR PLACEMENT OF UTILITIES MUST BE REPAIRED ON THE SAME DAY OF DISTURBANCE.
9) ADDITIONAL SEDIMENT CONTROLS MUST BE PROVIDED, IF DEEMED NECESSARY BY THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
10) ON ALL SITES WITH DISTURBED AREAS IN EXCESS OF 2 ACRES, APPROVAL OF THE INSPECTION AGENCY SHALL BE REQUESTED UPON COMPLETION OF INSTALLATION OF PERIMETER EROSION AND SEDIMENT CONTROLS, BUT BEFORE PROCEEDING WITH ANY OTHER EARTH DISTURBANCE OR GRADING. OTHER BUILDING OR GRADING INSPECTION APPROVALS MAY NOT BE AUTHORIZED UNTIL THIS INITIAL APPROVAL BY THE INSPECTION AGENCY IS MADE.
11) TRENCHES FOR THE CONSTRUCTION OF UTILITIES IS LIMITED TO THREE PIPE LENGHTS OR THAT WHICH SHALL BE BACK-FILLED AND STABILIZED WITHIN ONE WORKING DAY, WHICHEVER IS SHORTER.



Construction Specification

1. Length - minimum of 50' (*30' for single residence lot).
2. Width - 10' minimum, should be flared at the existing road to provide a turning radius.
3. Geotextile fabric (filter cloth) shall be placed over the existing ground prior to placing stone. **The plan approval authority may not require single family residences to use geotextile.
4. Stone - crushed aggregate (2" to 3") or reclaimed or recycled concrete equivalent shall be placed at least 6" deep over the length and width of the entrance.
5. Surface Water - all surface water flowing to or diverted toward construction entrances shall be piped through the entrance, maintaining positive drainage. Pipe installed through the stabilized construction entrance shall be protected with a mountable berm with 5:1 slopes and a minimum of 6" of stone over the pipe. Pipe has to be sized according to the drainage. When the SCE is located at a high spot and has no drainage to convey a pipe will not be necessary. Pipe should be sized according to the amount of runoff to be conveyed. A 6" minimum will be required.
6. Location - A stabilized construction entrance shall be located at every point where construction traffic enters or leaves a construction site. Vehicles leaving the site must travel over the entire length of the stabilized construction entrance.

STABILIZED CONSTRUCTION ENTRANCE - 2

NOT TO SCALE

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
ELLICOTT CITY, MARYLAND 21042
(410) 461 - 2855

60921

SEQUENCE OF CONSTRUCTION

1. OBTAIN GRADING PERMIT.
2. INSTALL SEDIMENT CONTROLS AS SHOWN ON PLAN.
3. PERFORM NECESSARY GRADING AND STABILIZE THE SITE.
4. AFTER THE SITE IS STABILIZED AND PERMISSION IS GRANTED FROM THE SEDIMENT CONTROL INSPECTOR, REMOVE SEDIMENT CONTROLS AND STABILIZE ANY REMAINING DISTURBED AREAS.

TEMPORARY SEEDING NOTES

APPLY TO GRADED OR CLEARED AREAS LIKELY TO BE REDISTURBED WHERE A SHORT-TERM VEGETATIVE COVER IS NEEDED.

SEEDBED PREPARATION:
LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING, IF NOT PREVIOUSLY LOOSENED.

SOIL AMENDMENTS:
APPLY 600 LBS. PER ACRE 10-10-10 FERTILIZER (14 LBS./1000 SQ. FT.)

SEEDING:
FOR THE PRERIODS MARCH 1 THROUGH APRIL 30, AND AUGUST 15 THROUGH NOVEMBER 15, SEED WITH 1 1/2 BUSHEL PER ANNUAL RYE (3.2 LBS./1,000 SQ.FT.)FOR THE PERIOD MAY 1 THRU AUGUST 14, SEED WITH 3 LBS/ACRE OF WEEPING LOVEGRASS (.07 LBS/1000SQ.FT.). FOR THE PERIOD NOVEMBER 16 THRU FEBRUARY 28, PROTECT SITE BY APPLYING 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING, OR USE SOD.

MULCHING:
APPLY 1 1/2 TO 2 TONS PER ACRE (70 TO 90 LBS./1,000 SQ.FT.) OF UNROTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 218 GALLONS PER ACRE (5 GAL./1,000 SQ.FT.) OF EMULSIFIED ASPHALT ON FLAT ACRES. ON SLOPES 8 FEET OR HIGHER, USE 348 GALLONS PER ACRE (8 GAL./1,000 SQ.FT.) FOR ANCHORING.

REFER TO THE 1988 MARYLAND STANDARDS AND SPECIFICATION FOR SOIL EROSION AND SEDIMENT CONTROL FOR RATE AND METHODS NOT COVERED.

PERMANENT SEEDING NOTES

ALL DISTURBED AREAS SHALL BE STABILIZED AS FOLLOWS:

SEEDBED PREPARATION:
LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING.

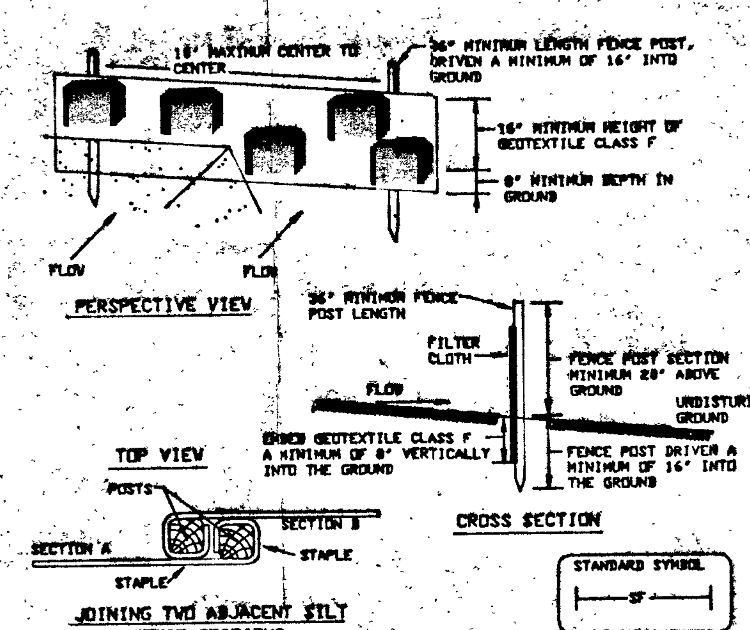
SOIL AMENDMENTS:
APPLY TWO TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS/1,000 SQ.FT.) AND 600 LBS. PER ACRE 0-20-20 FERTILIZER (14 LBS./1,000 SQ.FT.) BEFORE SEEDING HARROW OR DISC. INTO UPPER THREE INCHES OF SOIL. AT TIME OF SEEDING, APPLY 400 LBS. PER ACRE 38-0-0 UREAFORM FERTILIZER (9 LBS./1,000 SQ.FT.) AND 500 LBS. PER ACRE (11.5 LBS./1,000 SQ.FT.) OF 10-20-20 FERTILIZER.

SEEDING:
FOR THE PERIODS MARCH 1 THROUGH APRIL 30, AND AUGUST 1 THROUGH OCTOBER 15, SEED WITH 100 LBS. PER ACRE (2.3 LBS./1,000 SQ.FT.) OF KENTUCKY 31 TALL FESCUE. FOR THE PERIOD MAY 1 THROUGH JULY 31, SEED WITH 60 LBS/ACRE (1.4 LBS./1,000 SQ.FT.) KENTUCKY 31 TALL FESCUE AND 2 LBS. PER ACRE (0.05 LBS./1,000 SQ.FT.) OF WEEPING LOVEGRASS. DURING THE PERIOD OF OCTOBER 16 THROUGH FEBRUARY 28, PROJECT SITE BY: OPTION (1) - TWO TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING; OPTION (2) - USE SOD; OPTION (3) - SEED WITH 100 LBS./ACRE KENTUCKY 31 TALL FESCUE AND MULCH WITH TWO TONS/ACRE WELL ANCHORED STRAW. ALL SLOPES SHOULD BE HYDROSEEDED.

MULCHING:
APPLY 1 1/2 TO 2 TONS PER ACRE (70 TO 90 LBS./1,000 SQ.FT.) OF UNROTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING 200 GALLONS PER ACRE (5 GAL./1,000 SQ.FT.) OF EMULSIFIED ASPHALT ON FLAT ACRES. ON SLOPES 8 FEET OR HIGHER USE 348 GALLONS PER ACRE (8 GAL./1,000 SQ.FT.) FOR ANCHORING.

MAINTENANCE:
INSPECT ALL SEEDED AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDINGS.

* FOR PUBLIC PONDS SUBSTITUTE CHEMUNG CROWNVETCH AT 15 LBS./ACRE AND KENTUCKY 31 TALL FESCUE AT 40 LBS/ACRE AS THE SEEDING REQUIREMENT. OPTIMUM SEEDING DATE FOR THIS MIXTURE IS MARCH 1 TO APRIL 30.



Construction Specifications

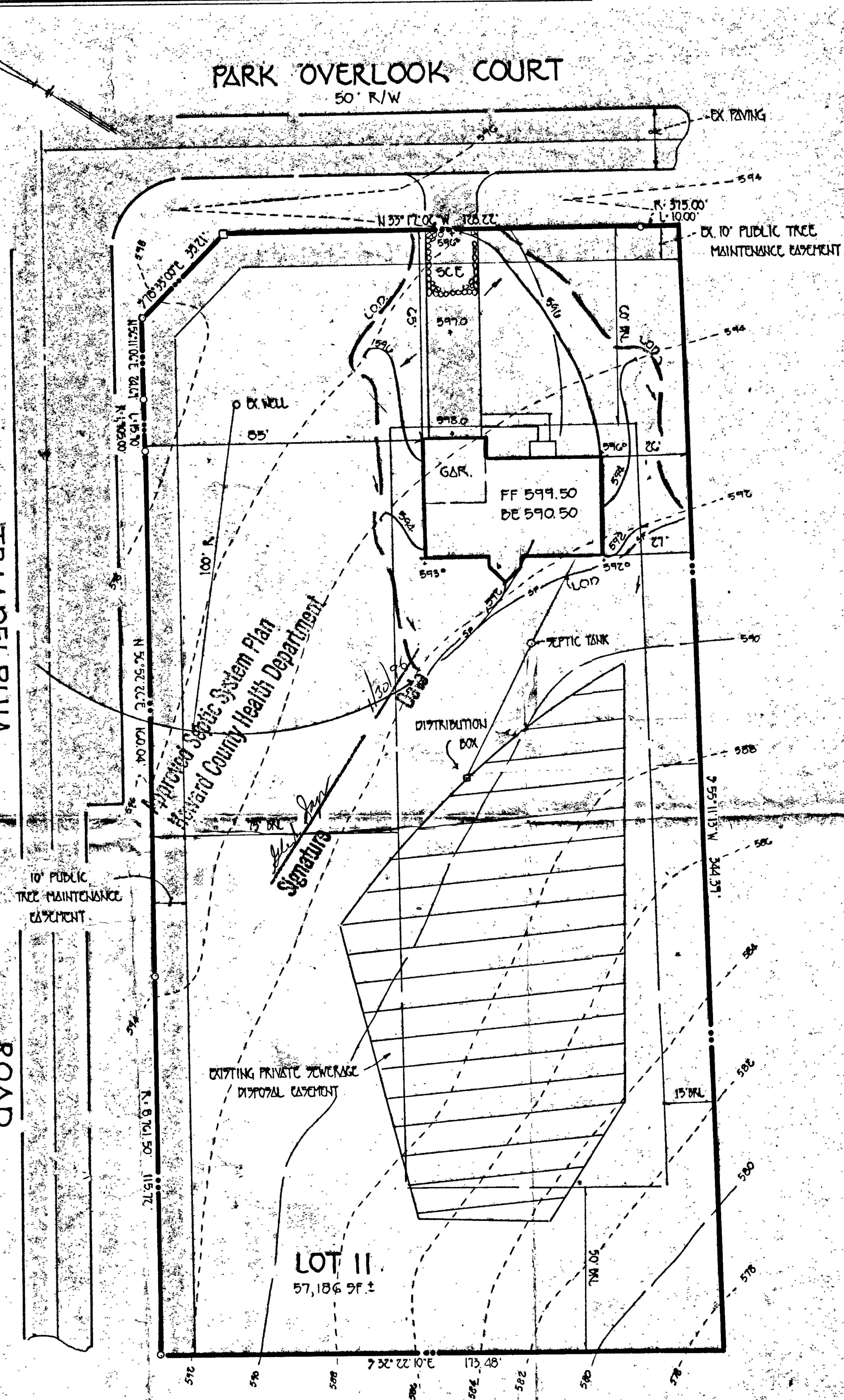
1. Fence posts shall be a minimum of 36" long driven 16" minimum into the ground. Wood posts shall be 11/2" x 11/2" square (minimum) cut, or 13/4" diameter (minimum) round and shall be of sound quality hardwood. Steel posts will be standard T or U section weighting not less than 1.00 pond per linear foot.
2. Geotextile shall be fastened securely to each fence post with wire ties or staples at top and mid-section and shall meet the following requirements for Geotextile Class F:

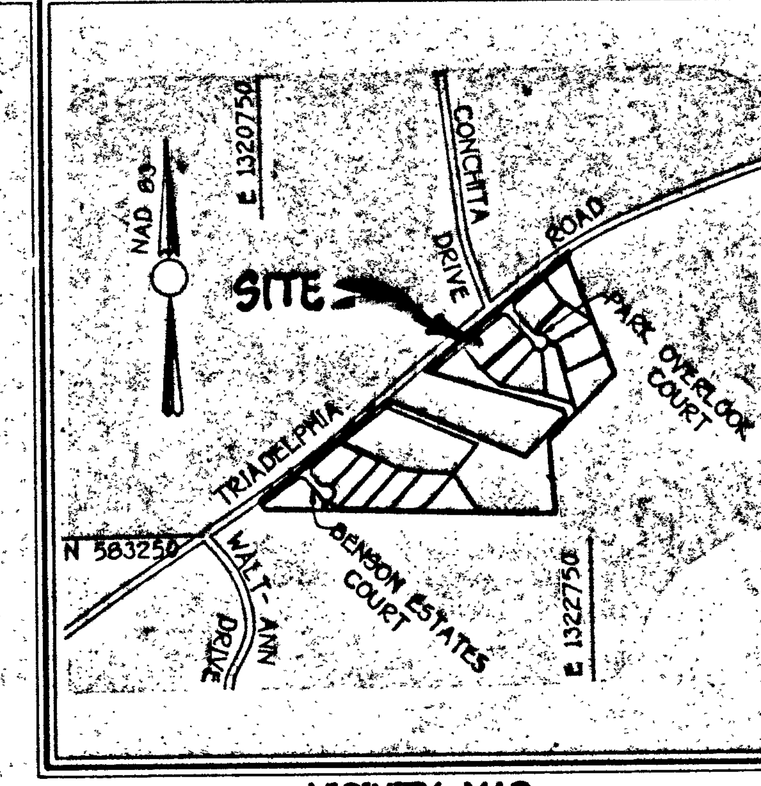
Tensile Strength	50 lbs/in (min.)	Test: MSMT 509
Tensile Modulus	20 lbs/in (min.)	Test: MSMT 509
Flow Rate	0.3 gal ft²/ minute (max.)	Test: MSMT 322
Filtering Efficiency	75% (min.)	Test: MSMT 322

3. Where ends of geotextile fabric come together, they shall be overlapped, folded and stapled to prevent sediment bypass.
4. Silt Fence shall be inspected after each rainfall event and maintained when bulges occur or when sediment accumulation reached 50% of the fabric height.

SILT FENCE

NOT TO SCALE



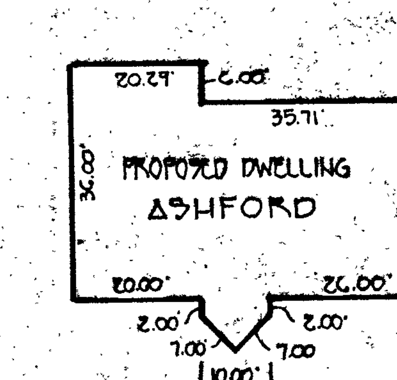


VICINITY MAP

SCALE: 1"=2000'

GENERAL NOTES

1. SEPTIC EASEMENT SUBJECT TO HOWARD COUNTY HEALTH DEPARTMENT No.
2. PROPOSED 1000 GALLON SEPTIC TANK. 1250 Per builder (sandy) 2/1/96
3. A. FIRST FLOOR ELEVATION: 599.50
   B. BASEMENT ELEVATION: 590.50
   C. INVERT OF SEPTIC SYSTEM AT HOUSE: 587.9
   D. INVERT IN AT SEPTIC TANK: 587.6
   E. INVERT OUT AT SEPTIC TANK: 587.3
   F. PROPOSED GRADE OVER SEPTIC TANK: 591.0
   G. INVERT AT DISTRIBUTION BOX: 587.0
   H. EXISTING GROUND OVER DISTRIBUTION BOX: 590.0
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.



TYPICAL PROFILE
NOT TO SCALE

PLAN TO ACCOMPANY APPLICATION FOR BUILDING PERMIT

BENSON BRANCH ESTATES

LOT 11

TAX MAP 22
THIRD ELECTION DIST.
SCALE: 1" = 30'
ZONED: RR
PART OF PARCEL 16
HOWARD COUNTY, MARYLAND
DATE: DECEMBER , 1995

SEDNOT2.DWG