

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXX~~

410-313-2640

INDEXED

P 511094

A 50157

DISTRICT 3rd

DATE 11/9/98

DATE SYSTEM APPROVED 12/3/98

INSPECTOR *AK*

11/10/98 11am
12/2/98 11am
12/3/98 10am
12/1/98 AM
12/2/98 AM + later
3pm

#320650

Robert Bookholtz

IS PERMITTED TO INSTALL ☒ ALTER

ADDRESS 1026 Marton St Laurel, MD 20707 PHONE (301) 317-6706

SUBDIVISION Roger's Avenue Realty Prop. LOT 2 ROAD 2714 Route 32

PROPERTY OWNER Charles & Stacy Bussing

BUILDING PERMIT SIGNED

ADDRESS

AND RETURNED

SEPTIC TANK CAPACITY 1250 GALLONS 9-20-04 800 150 153-ILG P80L
10-27-04 800 150 937-SHED

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 180 240

TRENCHES - Trench to be 3 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 8 feet below original grade. Effective area begins at 4 feet below original grade. 24 feet of stone below distribution pipe.

LOCATION - Place the distribution box 440 feet down the 568.40' (right) lot line and 125 feet off that same lot line as seen when facing the lot from the pipestem. Run trenches on contour towards the left rear corner of the lot.

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

OK ALM 7.6.98

11/10/98 specs changed to achieve gravity flow to highest portion of septic easement *AK*

PLANS APPROVED BY Kim Maiste/Ronald J. Pinkley

DATE 6/25/98

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 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

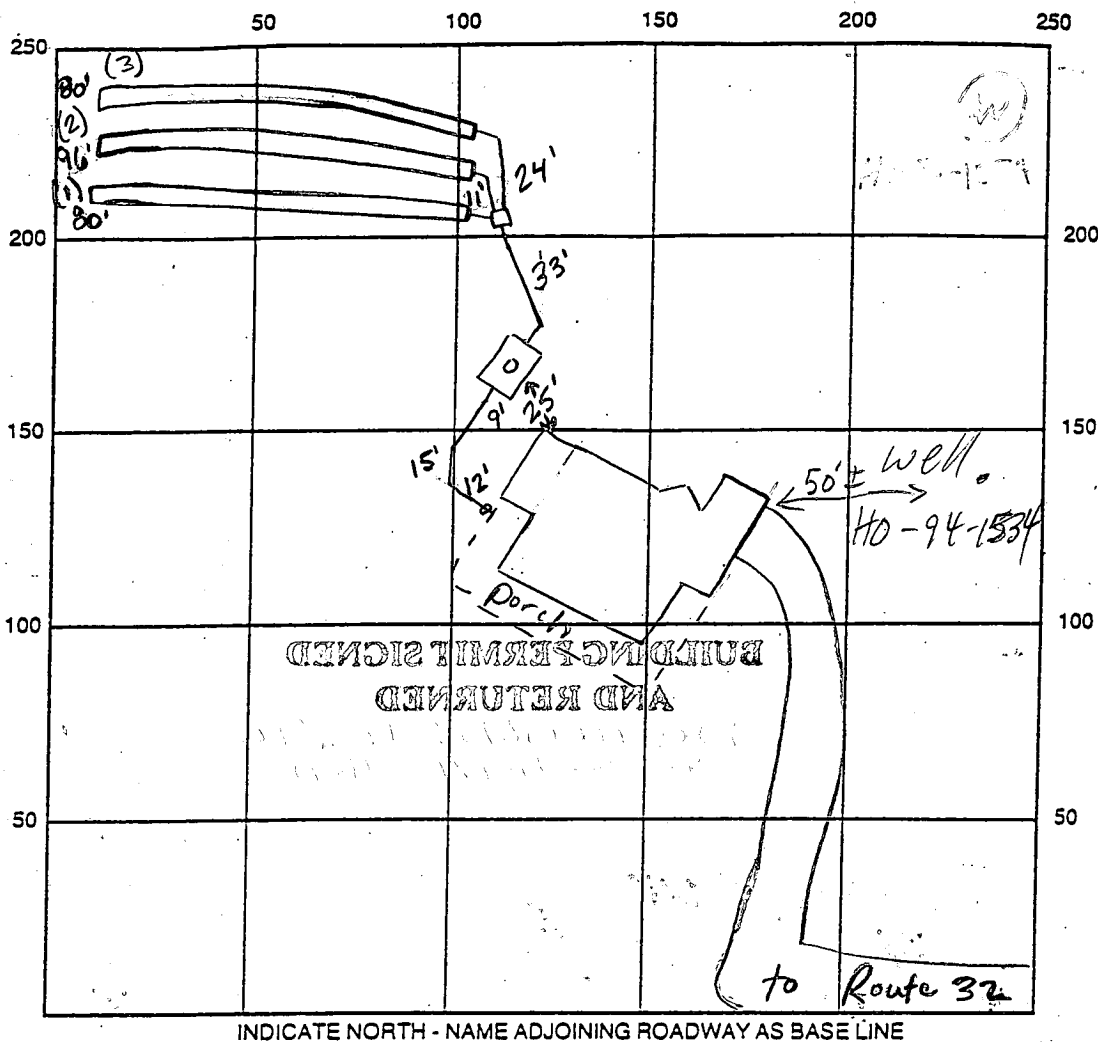
*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

BUILD. PERMIT SIGNED

AND RETURNED 10/14/98

Propane tank

A 50157



SEPTIC TANK LEVEL OK, 1500 gallons CLEANOUTS 1 on tank, 1 at house

DISTRIBUTION BOX LEVEL OK

DRAIN FIELD/TITLE DEPTH

1	2	3
9	9	9

 FT. TRENCH WIDTH 3 FT. INLET DEPTH

1	2	3
6	6	6

 FT.

EFFECTIVE GRAVEL DEPTH

1	2	3
3	3	3

 FT. TOTAL LENGTH

1	2	3
80	96	80

 FT. → 256

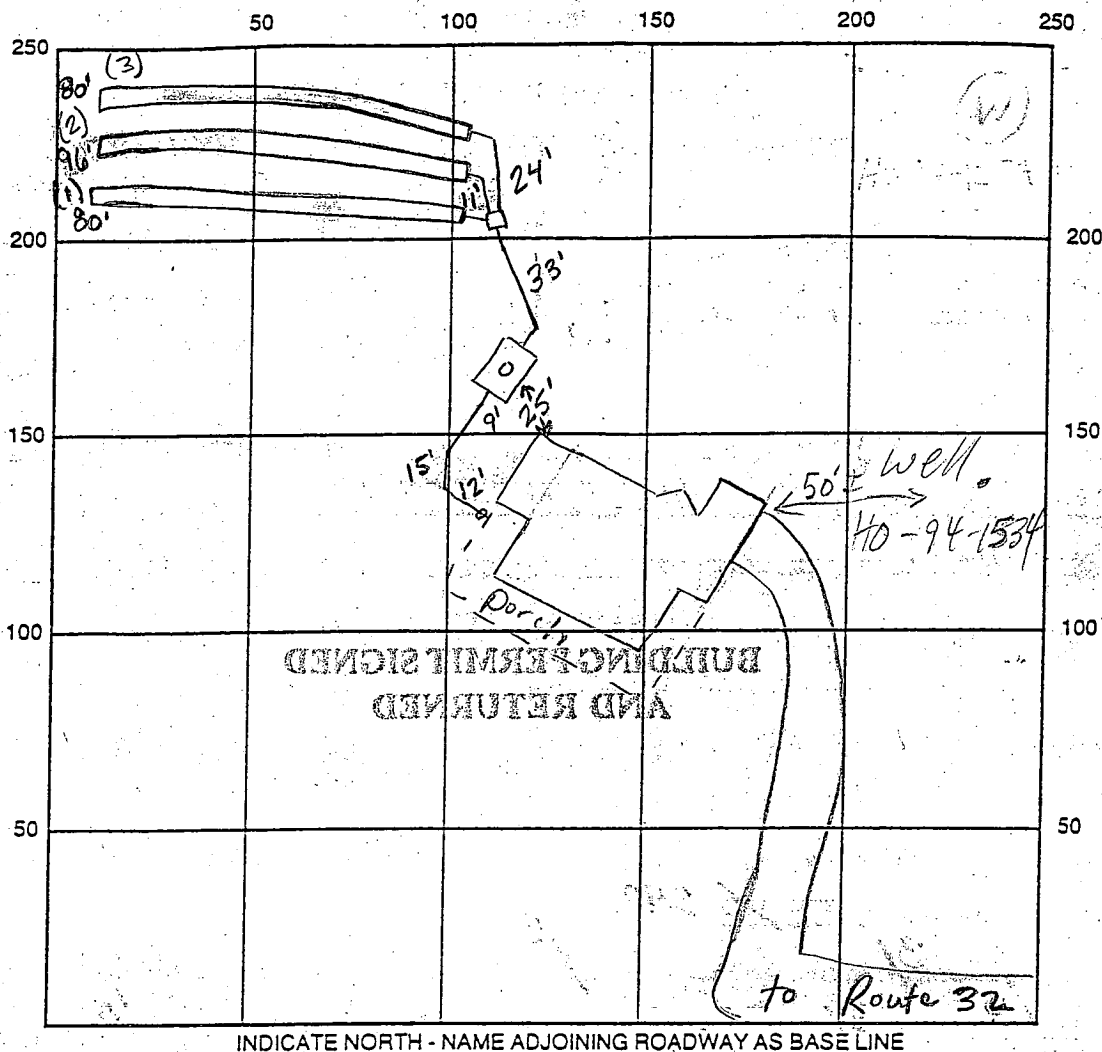
NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 758 SQ. FT.

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

ABSORBENT AREA — SQ. FT.

REMARKS: 11/30/98 inlet deeper than specified, ok due to suitable soils and to achieve gravity flow, ok to stone 1st trench and continue (Km)
12.1.98 ok to stone 2nd trench and continue (Km)
12.2.98(am) ok to cover 2nd trench and continue 3rd trench (Km)
12.2.98(pm) ok to stone and cover 2nd and 3rd trench, leave end of 3rd trench open (Km)
12/3/98 OK to cover all work

DATE SYSTEM APPROVED 12/3/98 INSPECTOR A McMillan



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL OK, 1500 gallons CLEANOUTS 1 on tank, 1 at house

DISTRIBUTION BOX LEVEL OK

DRAIN FIELD/TITLE DEPTH

1	2	3
9	9	9

 FT.

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INLET DEPTH

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 FT.

EFFECTIVE GRAVEL DEPTH

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 FT.

TOTAL LENGTH

1	2	3
80	96	80

 FT. → 256

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DRYWALL INSIDE DIAMETER — FT.

EFFECTIVE DEPTH BELOW INLET — FT.

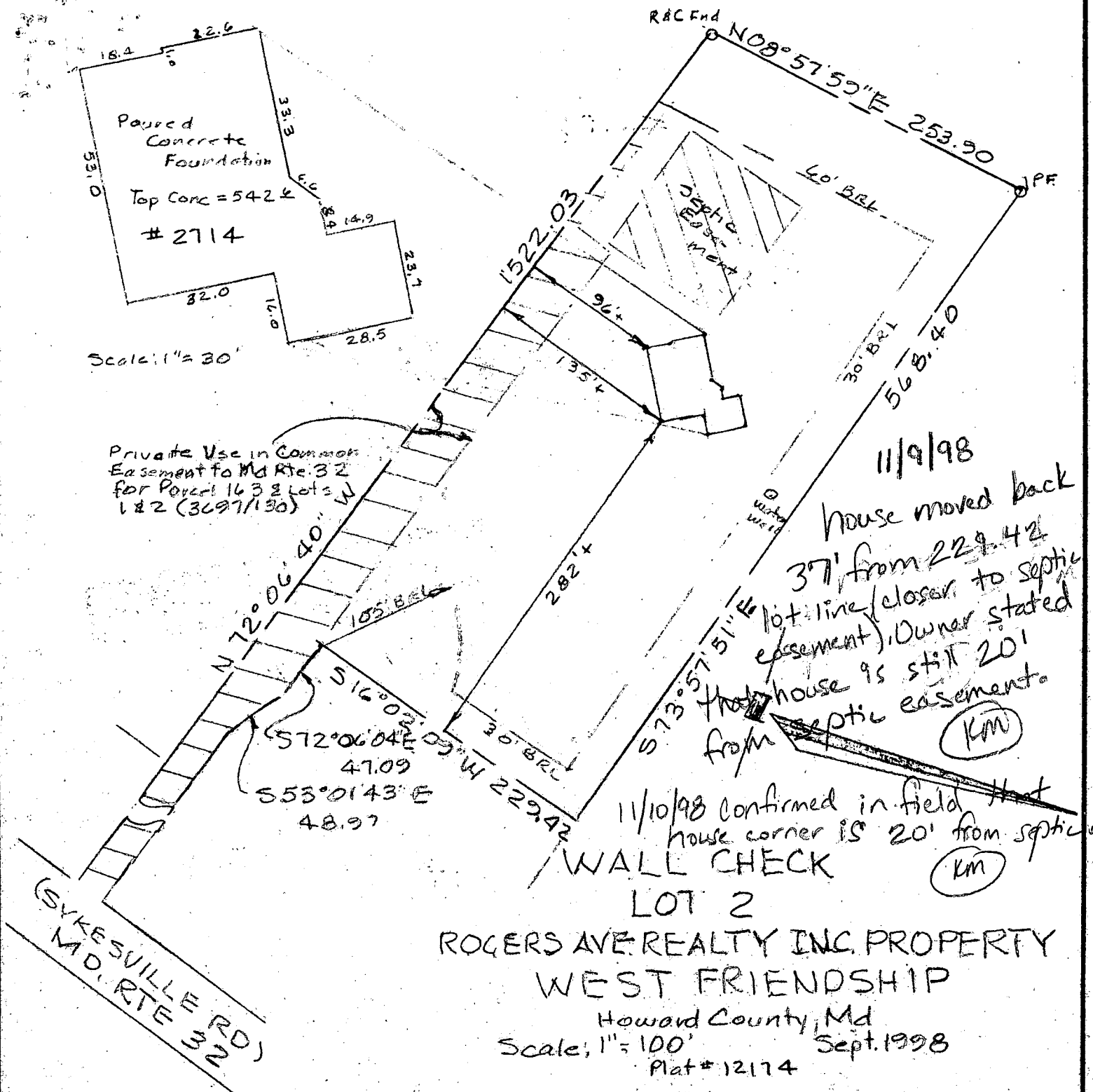
ABSORBENT AREA — SQ. FT.

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DATE SYSTEM APPROVED 12/3/98

INSPECTOR A McMillan

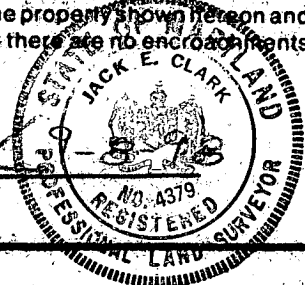
Note: This is a building and improvement plat only and should not be used to establish property lines.



SURVEYORS CERTIFICATE

I hereby certify that a careful transit tape survey has been made of the improvements on the property shown hereon and that they are as shown and that there are no encroachments except as shown.

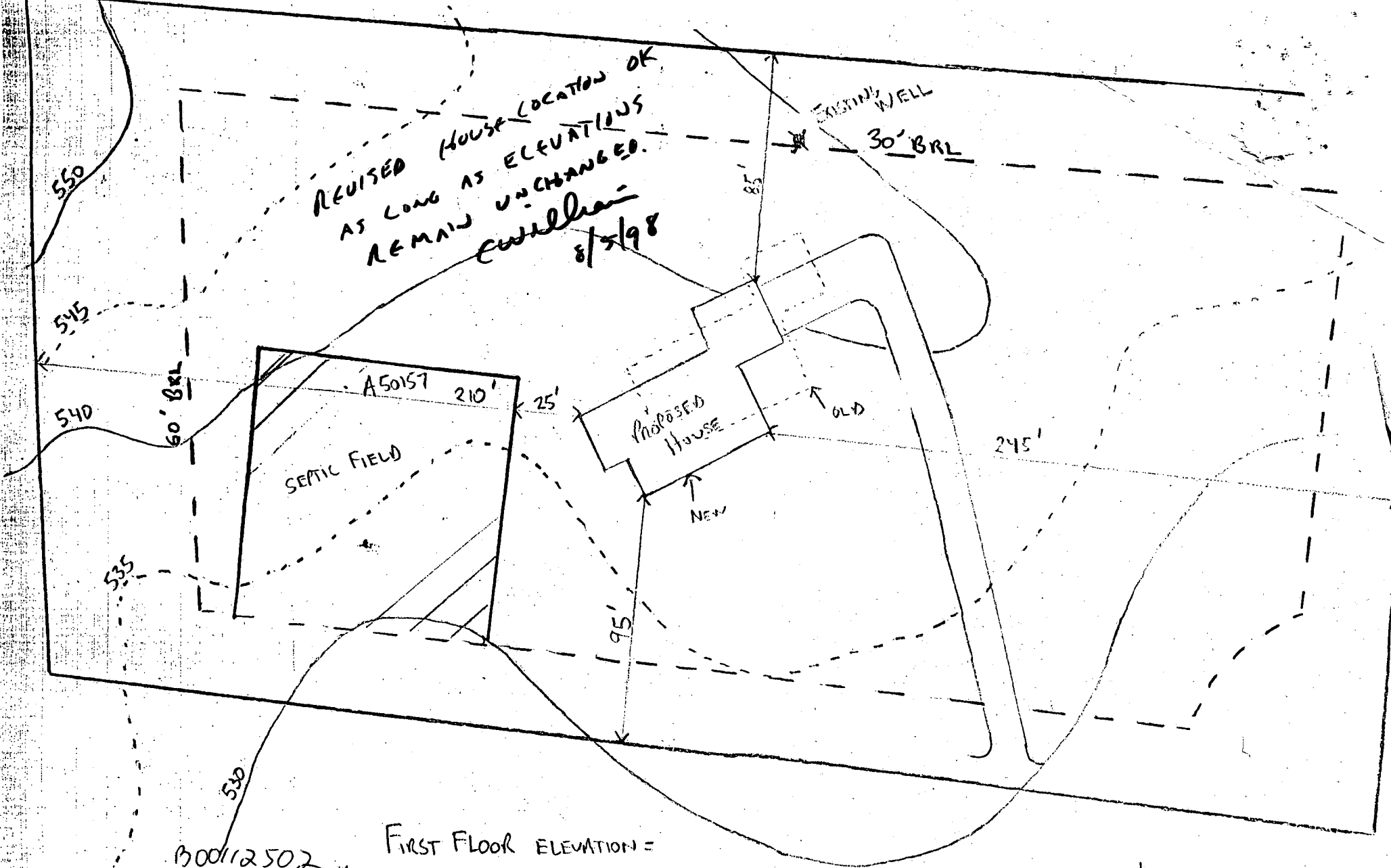

Land Surveyor



THE J. E. CLARK COMPANY
LAND SURVEYING ENGINEERING

P.O. BOX 147 • LAUREL, MARYLAND 20707

REVISED HOUSE LOCATION OK
AS LONG AS ELEVATIONS
REMAIN UNCHANGED.
William
8/5/98



1300112502

FIRST FLOOR ELEVATION =

REVISED

Date: 8-5-98

Comments: relocated House

2" = 100'

SITE PLAN

NORTH

APPLICATION

PERCOLATION TESTING

A 50157

P _____

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

*PERCOLATION OK
PROPOSAL IS FOR SUBDIV.*

ENGINEER CONFIRMS

*NO WELL/SEPTIC WITHIN
100' ON SURROUNDING PROPERTY*

DISTRICT _____

DATE 7/20/94

*ALLEGES PREVIOUS PERC HISTORY
FOR EXISTING HOUSE (TO BE CONFIRMED
PRIOR TO TEST DATE.) (CW)*

*(WORKED
A37721)*

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

PROPERTY OWNER Charles and Marie Fitzgerald Charles & Stacy Bussing

ADDRESS 2710 Md. Route 32, West Friendship PHONE _____

AGENT OR PROSPECTIVE BUYER James T. Doukas

ADDRESS 2718 Md. Route 32, West Friendship PHONE 549-6639

PROPERTY LOCATION:

SUBDIVISION Fitzgerald Property LOT NO. Parcel 158

ROAD AND DESCRIPTION West side of Rt. 32, south of Md. Rt. 144

(2714 Route 32)

TAX MAP 15 PARCEL # 158

BLDG. PERMIT SIGNED

DATE RETURNED 6-25-96

Permit # 201112502

SIZE OF LOT 10 acres TYPE BLDG. SFD - 9 Brms

(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 _____

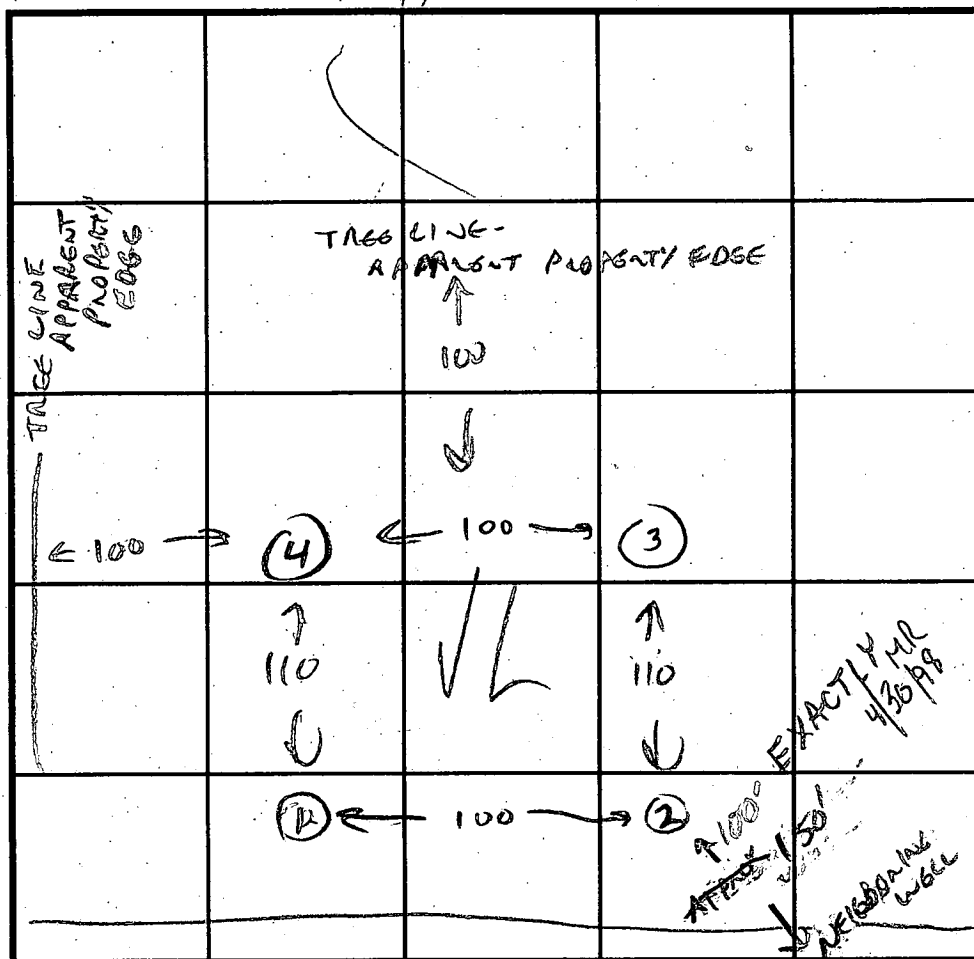
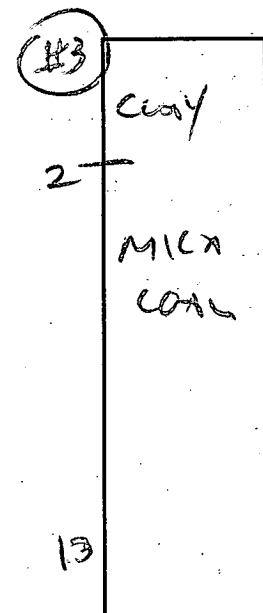
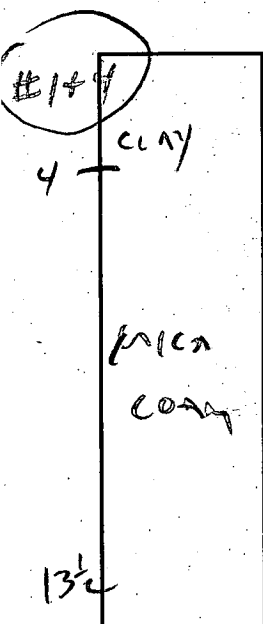
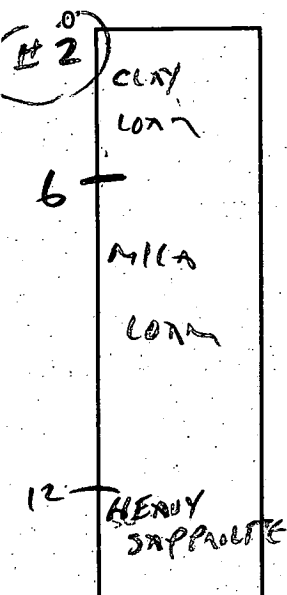
THIS IS NOT A PERMIT

AS0157

FITZGERALD PROPERTY

COUNTY #

SOIL PROFILE



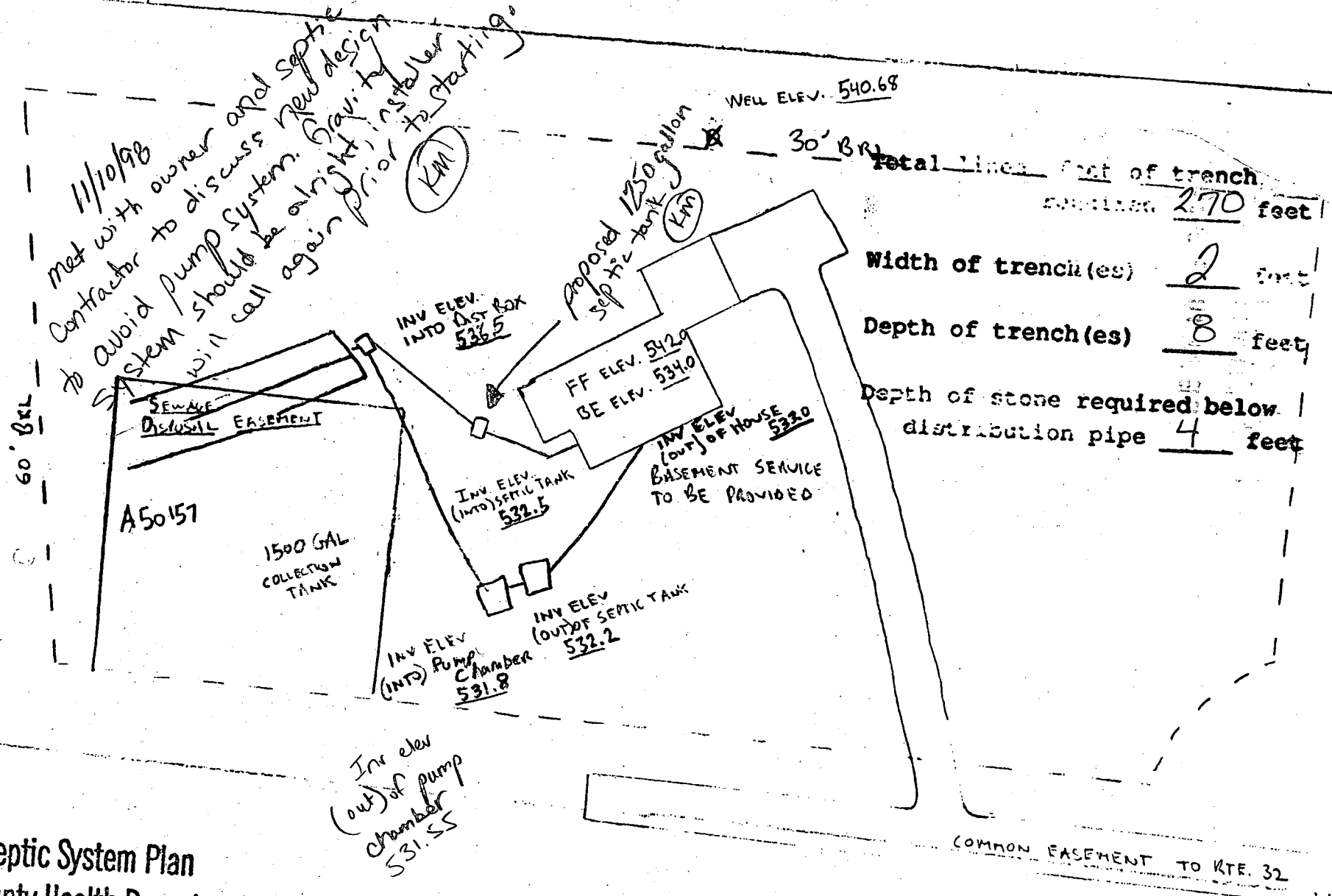
INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
8/10/94	(2)	6	10:26	10:27	10:27	10:29	2 MIN
		14	VIS OK	6-12	SOME ROCK 12-14'		
	(1)	4	10:28	10:30	10:30	10:32	2 MIN
		13					
	(4)	5	10:32	10:33	10:33	10:35	2 MIN
		13					
	(3)	2 1/2	10:37	10:38	10:38	10:40	2 MIN
		VIS OK 3-13'					

REMARKS

TYPE OF SOIL MICA LOAMTESTED BY CwallhaALSO PRESENT REYOK / FITZGERALDTRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 2 MIN TRENCH WIDTH 2INLET DEPTH 4 MAXIMUM BOTTOM DEPTH 8 SQ. FT./BEDROOM 180

11/10/98
 met with owner and septic
 contractor to discuss new design
 to avoid pump system. Gravity
 system should be alright, installer
 will call again prior to starting
 (KMI)



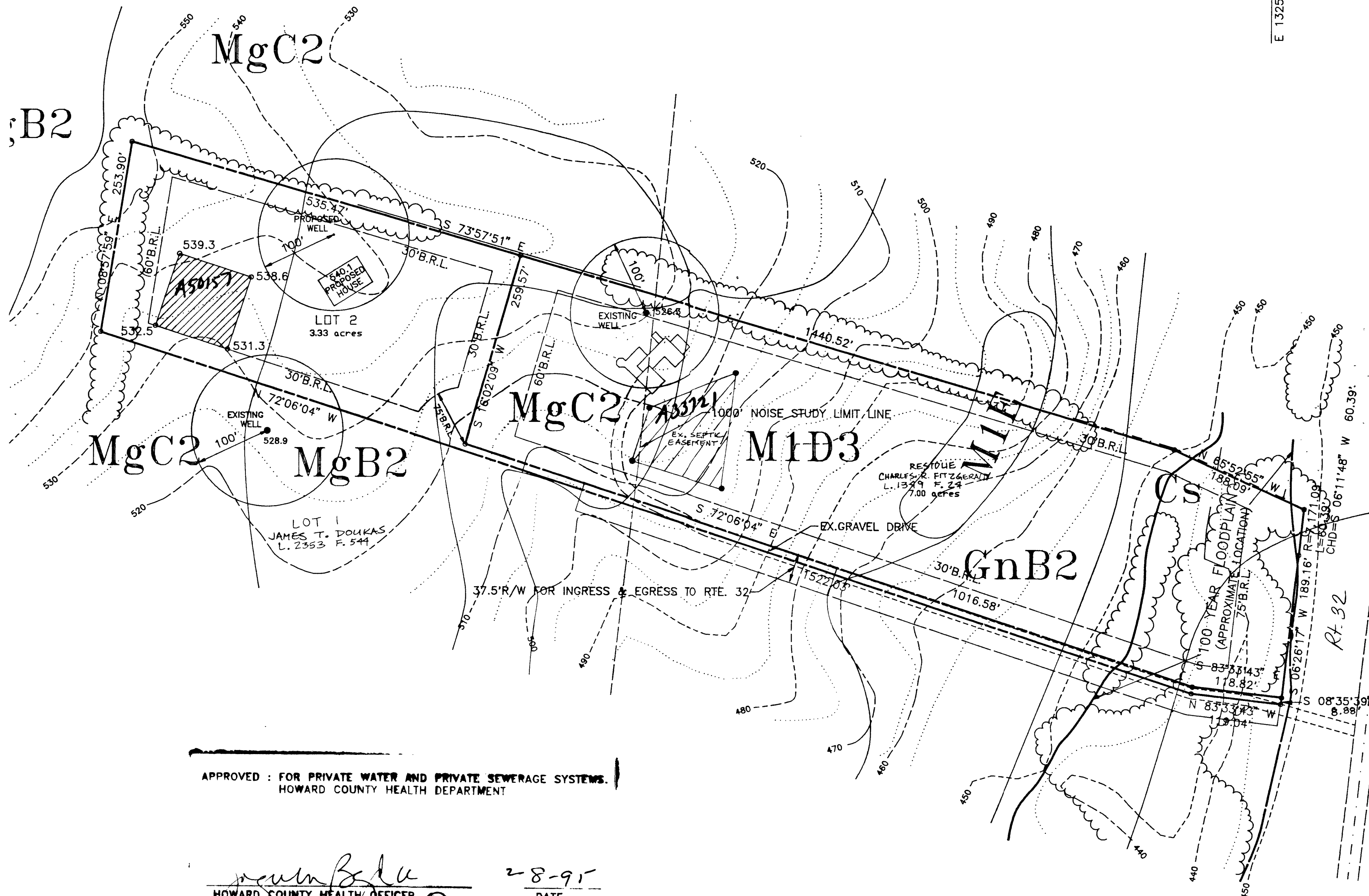
Approved Septic System Plan
 Howard County Health Department

Signature Ken Piller Date 6.25.98

STREET - 2714 RTE 32
 SUBDIVISION - ROGERS AVE REALTY PROP

2" = 100'

F	1325500
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APPROVED : FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS.
HOWARD COUNTY HEALTH DEPARTMENT

HOWARD COUNTY HEALTH OFFICER

2-8-91
DATE

C 1 05032 SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND
WELL COMPLETION REPORT
FILL IN THIS FORM COMPLETELY
PLEASE PRINT OR TYPE

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

COUNTY
NUMBER A50157

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

ST/CO USE ONLY
DATE Received
5-18-98

DATE WELL COMPLETED

05 04 98

Depth of Well

22 245 26

(TO NEAREST FOOT)

PERMIT NO.

FROM "PERMIT TO DRILL WELL"
HO-94-1534

OWNER Doukas James
last name first name
STREET OR RFD 2714 Rt. 32 TOWN W. Friendship
SUBDIVISION ROGERS AVE REALTY PROP SECTION 1 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
	FROM	TO	
Top Soil	0	2	
Brown Shale	2	55	✓
Brown Shale	55	60	
Blue Shale	60	95	
Brown Shale	95	100	
Blue Shale	100	245	

GROUTING RECORD

WELL HAS BEEN GROUTED
(Circle Appropriate Box)

yes ☒ no ☐
44 44

TYPE OF GROUTING MATERIAL (Circle one)

CEMENT ☒ BENTONITE CLAY ☐

NO. OF BAGS 14 NO. OF POUNDS 1400

GALLONS OF WATER 84

DEPTH OF GROUT SEAL (to nearest foot)

from 0 ft. to 30 ft.
48 TOP 52 54 BOTTOM 58
(enter 0 if from surface)

CASING RECORD
casing types insert appropriate code below
☒ STEEL ☐ CONCRETE
☒ PLASTIC ☐ OTHER

MAIN CASING TYPE PL Nominal diameter top (main) casing (nearest inch) 6 Total depth of main casing (nearest foot) 65
60 61 63 64 66 70

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

screen type or open hole
insert appropriate code below
☒ STEEL ☐ BRASS ☐ OPEN HOLE
☐ PLASTIC ☐ OTHER

C 2 DEPTH (nearest ft.)

1 HO 63 245
8 9 11 15 17 21
2 23 24 26 30 32 36
3 38 39 41 45 47 51
SLOT SIZE 1 2 3
DIAMETER OF SCREEN (NEAREST INCH)
56 60
from to

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

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

70 72 74 75 76
TELESCOPE CASING LOG INDICATOR OTHER DATA

C 3

PUMPING TEST

HOURS PUMPED (nearest hour) 3

PUMPING RATE (gal. per min.) 6

METHOD USED TO MEASURE PUMPING RATE Buck

WATER LEVEL (distance from land surface)

BEFORE PUMPING 40 ft.

WHEN PUMPING 76 ft.

TYPE OF PUMP USED (for test)

☒ air ☐ piston ☐ turbine
☒ centrifugal ☐ rotary ☐ other (describe below)
☐ jet ☒ 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) 31 35

PUMP HORSE POWER 37 41

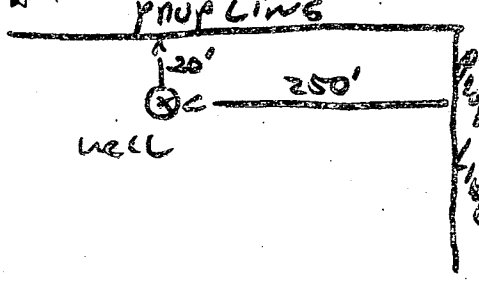
PUMP COLUMN LENGTH (nearest ft.) 43 47

CASING HEIGHT (circle appropriate box and enter casing height)

☒ above ☐ below
LAND SURFACE 2 (nearest foot)
49 50 51

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)



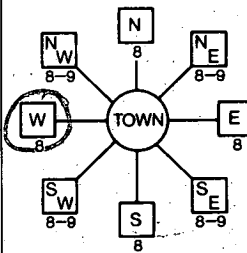
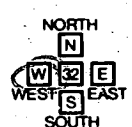
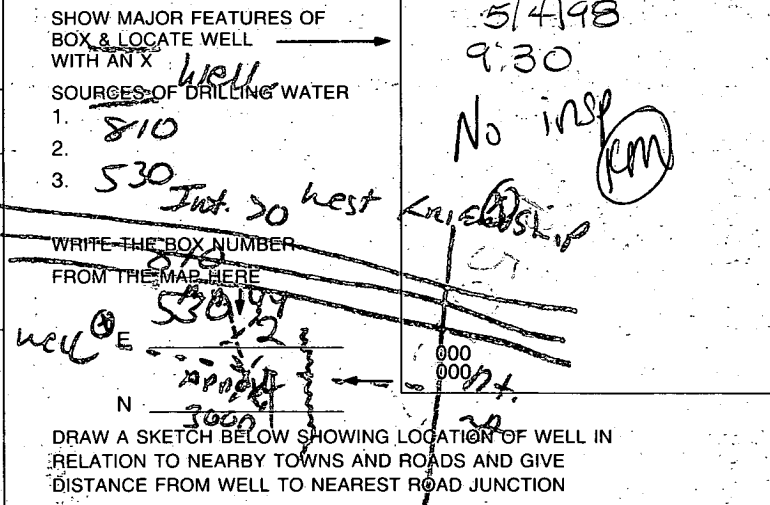
DRILLERS LIC. NO. MSD116

DRILLERS SIGNATURE Keith Wayne

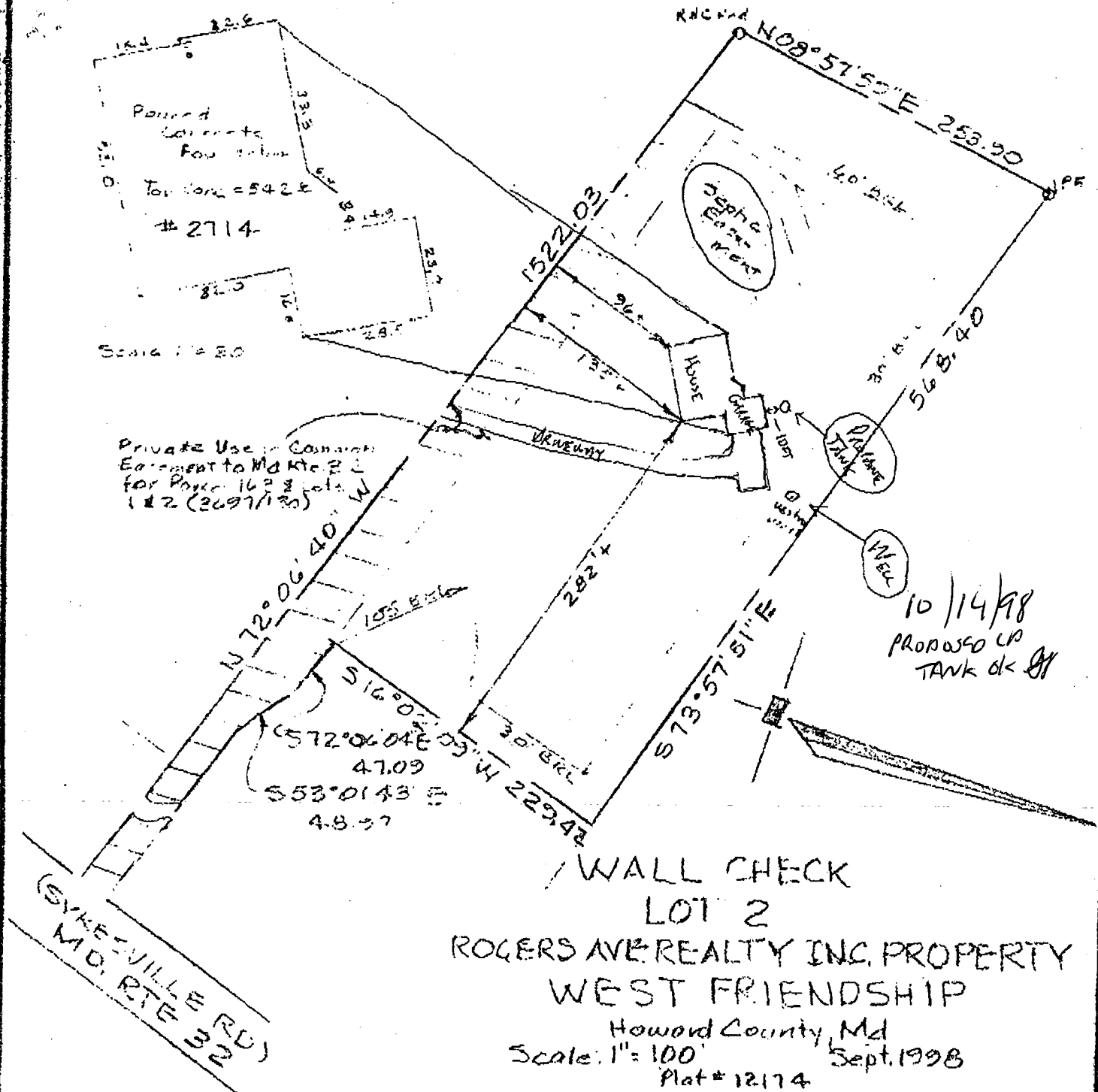
(MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO. MSD117

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

B 1	5449 SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND PERMIT TO DRILL WELL please print or type	STATE PERMIT NUMBER 40-94-1534 fill in this form completely
THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS			
Date Received (APA) 04 22 98 8 MM DD YY 13 DOWLAS, JAMES 15 Last Name Owner First Name 34 14 GAITHER MANOR DR. 3 36 Street or RFD 55 SYKESVILLE MD. 21784-7259 57 Town 70 State 72 Zip 76		B 3 LOCATION OF WELL 8 COUNTY HOWARD 23 SUBDIVISION ROGERS AVE REALTY PROP SECTION 44-46 LOT 48-50 West Friendship 52 NEAREST TOWN MILES FROM TOWN (enter 0 if in town) 1 M I 73 76 77 78	
DRILLER INFORMATION RALPH MAYNE MS D 116 76 Driller's Name License No. 81 RALPH MAYNE well Drilling Firm Name 9120 Brown Church Rd. Mt Airy Address Ralph Mayne 4/22/98 Signature Date		B 4 1 2 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  11 30 NEAR WHAT ROAD 2714 MD. RT 32 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  34 3000 37 DISTANCE FROM ROAD ENTER FT OR MI 38 39 TAX MAP: 15 BLK: 17 PARCEL 158	
B 2 WELL INFORMATION APPROX. PUMPING RATE 5 (GAL. PER MIN.) 8 500 12 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 14 20		NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL Howard A50157 COUNTY NAME COUNTY NO. STATE SIGNATURE INSERT S DATE ISSUED 04 30 98 Mark E. Ruffin 4/30/98 43 MM DD YY 48 CO SIGNATURE EXP. DATE NORTH GRID 534 000 EAST GRID 0812 000 50 55 57 63	
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 APPROVAL) ☐ TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)		SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X SOURCES OF DRILLING WATER 1. 810 2. 530 3. 530 Int. 30 West Friendship WRITE THE BOX NUMBER FROM THE MAP HERE 530194 DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION 	
APPROXIMATE DEPTH OF WELL 150 FEET 24 28 APPROXIMATE DIAMETER OF WELL 6 INCH 30 37 NEAREST INCH		METHOD OF DRILLING (circle one) BORED (or Augered) JETTED Jetted & DRIVEN 30 AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary) 37 CABLE REVERSE-ROTARY Drive-POINT other	
REPLACEMENT OR DEEPENED WELLS (CIRCLE APPROPRIATE BOX) ☒ THIS WELL WILL NOT REPLACE AN EXISTING WELL ☐ THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED 39 ☐ 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 DEEPEN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEENED (IF AVAILABLE) 41 52		Not to be filled in by driller (MDE OR COUNTY USE ONLY) APPROX. PERMIT NUMBER 54 G A P 63 FORCE MN WRITE INITIALS IN BOX PERMIT No. 40-94-1534 67 68 70 71 72 73 74 75 76 77 78 79	
SPECIAL CONDITIONS NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED - PLEASE Complete AS SOON AS POSSIBLE Thanks Ralph			

Note: This is a building improvement plat only and should not be used to establish property lines.



SURVEYORS CERTIFICATE

I hereby certify that a careful transit tape survey has been made of the improvements on the property shown hereon and that they are as shown and that there are no encroachments except as shown.

[Signature]
Land Surveyor



THE J. E. CLARK COMPANY
LAND SURVEYING ENGINEERING

P.O. BOX 147 • LAUREL, MARYLAND 20707

[illegible]

A hand-drawn survey map of a property. The map is oriented with a north arrow pointing towards the top-left. The property boundaries are marked with dashed lines. Key features and measurements include:

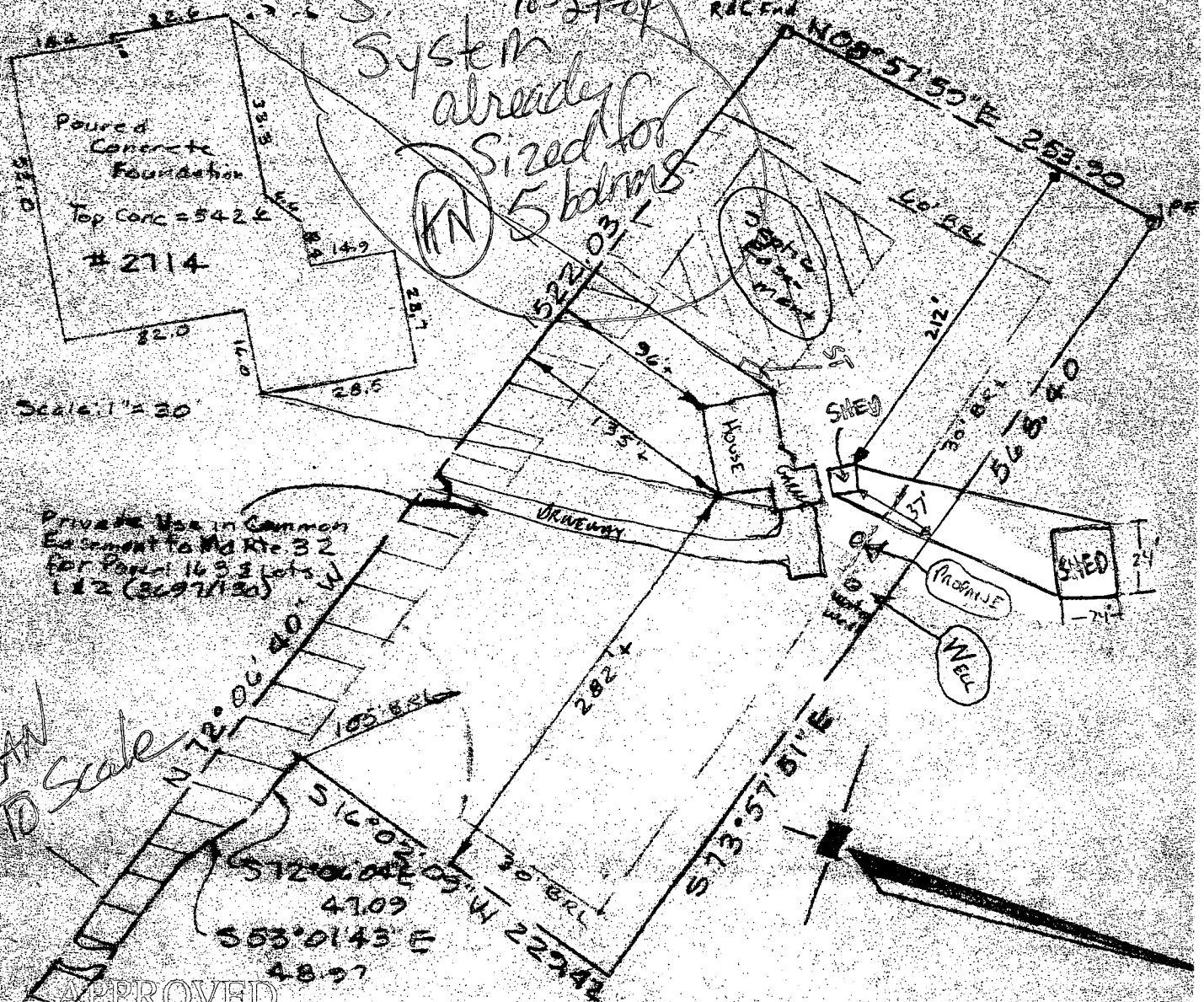
- Top Boundary:** A line segment labeled "RACE RD" at the top-left corner, with a bearing of $N 08^{\circ} 57' 50'' E$ and a distance of 253.20.
- Right Boundary:** A line segment labeled "PE" at the top-right corner, with a distance of 565.40.
- Left Boundary:** A line segment labeled "1522.03" along the left edge.
- Internal Features:**
 - A "SEPTIC POND" is located in the upper-middle section, enclosed by a dashed line with a distance of 160.
 - A "HOUSE" is located in the lower-middle section, with a "GARAGE" attached to its right side.
 - A "SIT." (situation) is marked near the house.
 - A "DRIVEWAY" is shown at the bottom-left corner.
 - A "WELL" is located at the bottom-right corner, near a "Pond or Tank".
 - A "20' SETBACK" is indicated near the septic pond.
 - A "6-10 FT" dimension is shown near the garage.
 - A "80' 3"
- Other Measurements:**
 - A distance of 150' is marked along the top boundary.
 - A distance of 20' is marked along the right boundary.
 - A distance of 160' is marked along the left boundary.
 - A distance of 150' is marked along the bottom boundary.
 - A distance of 80' 3" is marked along the bottom boundary.
 - A distance of 565.40 is marked along the right boundary.
 - A distance of 253.20 is marked along the top boundary.
 - A distance of 1522.03 is marked along the left boundary.

Plot # 12174

STAMPED: JACK E. CLARK, MAY 1968, 4319

P.O. BOX 147 • LAUREL, MARYLAND 20707

Note: This is a building and improvement plat only and should not be used to establish property lines.



SURVEYORS CERTIFICATE

I hereby certify that a correct and accurate survey has been made and that the same is true and correct.



THE J. E. CLARK COMPANY
12174