

11-24-98
OPEN trench case

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

03-294668

P 51117
57117
A 21365

DISTRICT 3rd

DATE 11/23/98

DATE SYSTEM APPROVED 11.30.98

INSPECTOR KM

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXX~~ 410-313-2640

INDEXED

J. Joseph Gartland, Inc.

IS PERMITTED TO INSTALL ☒ ALTER ☐

ADDRESS 1835 W. Old Liberty Road, Westminster, Maryland 21157 PHONE 410-875-2400

SUBDIVISION Rosemary Estates LOT 24A ROAD 12920 Triadelphia Road

PROPERTY OWNER Peggy Keyes & William Gardner

ADDRESS

SEPTIC TANK CAPACITY 1000 GALLONS

NUMBER OF BEDROOMS 3

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 180

TRENCHES - Trench to be 2 feet wide. Inlet 2 feet below original grade. Bottom maximum depth 5 feet below original grade. Effective area begins at 2 feet below original grade. 3 feet of stone below distribution pipe.

LOCATION - From the junction of the 628.69' and 269.84' lot lines, place the distribution box 145 feet down the 269.84' lot line and 90 feet off that same lot line. Run trenches along contour towards the 176.78' 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 7/10/98

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

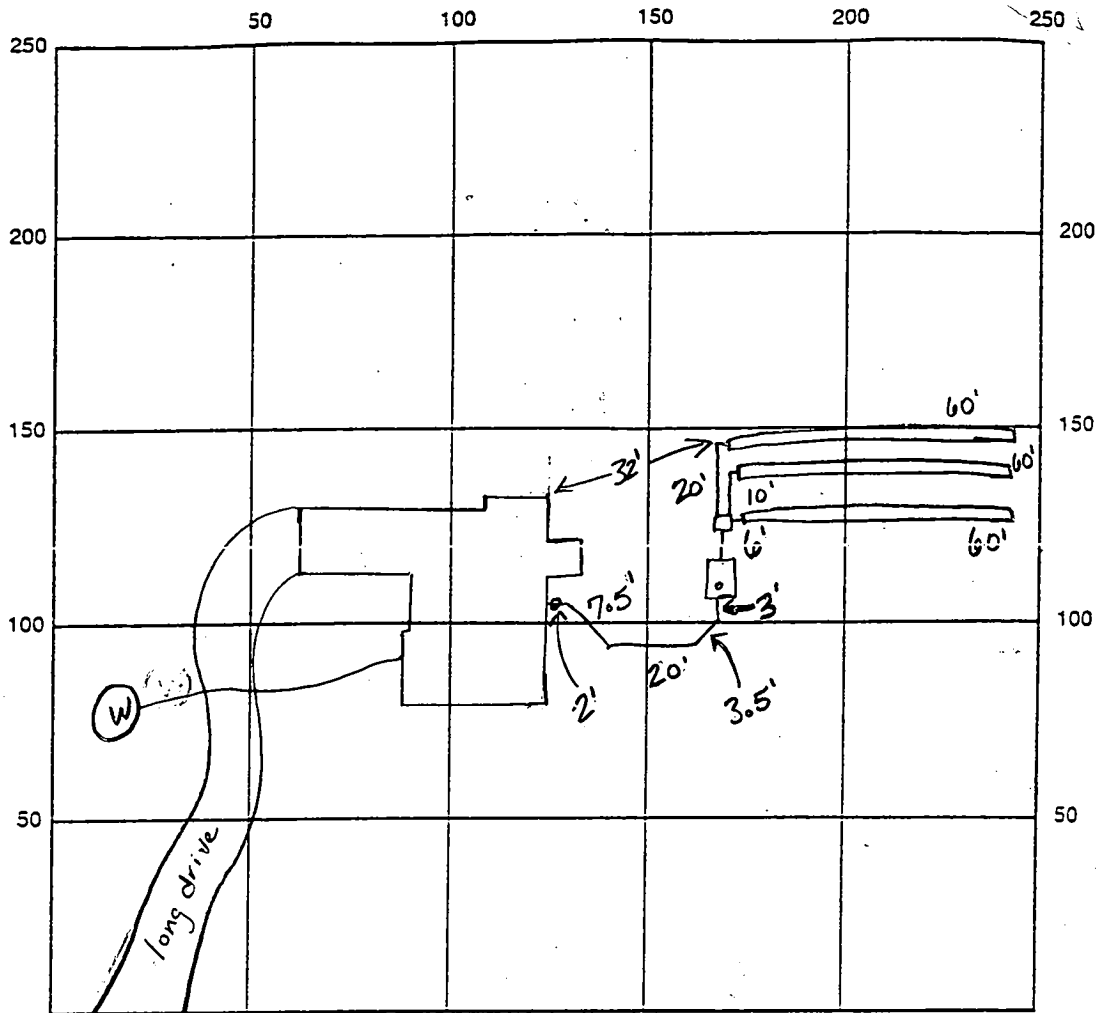
PERMIT VOID AFTER TWO YEARS

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

A 51117



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Triadelphia Rd.

SEPTIC TANK LEVEL OK, 1000 gallons

CLEANOUTS 1 on tank, 1 at house

DISTRIBUTION BOX LEVEL OK

DRAIN FIELD/TITLE DEPTH 5 FT.

TRENCH WIDTH 2 FT.

INLET DEPTH 2 FT.

EFFECTIVE GRAVEL DEPTH 3 FT.

TOTAL LENGTH 3 x 60 FT. → 180'

NUMBER OF TRENCHES 3

ONE SIDEWALL/BOTTOM AREA 540 SQ. FT.

DRYWALL INSIDE DIAMETER — FT.

EFFECTIVE DEPTH BELOW INLET — FT.

ABSORBENT AREA — SQ. FT.

REMARKS: 11/24 TC w/ERIC CARTLAND, OK to move S.E. RIGHT OF LOC. shown OK
(discussed w/owner)

11.30.98 OK to cover all work, has house connection (RM)

11.30.98 WPI-OK to cover, P.A. 5' below grade, casing 10" above grade, has
2 piece cap, line skewed under drive and out of house (RM)

DATE SYSTEM APPROVED 11.30.98

INSPECTOR Kimberly White

APPLICATION

A 21365

SEWAGE DISPOSAL TESTING

P _____

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 3

DATE 4/18/75

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 John Mikalasko & A. A. Krometis

ADDRESS 2205 Foxley Road, Timonium, Md. 21093 PHONE Work - 765-2930
(Westinghouse)

PROPERTY LOCATION:

SUBDIVISION Rosemary Estates LOT NO. 24A

ROAD AND DESCRIPTION Triadelphia Road

SIZE OF LOT 1.221 acres TYPE BLDG. 3 or 4

NUMBER OF BEDROOMS
(Single Fmly. Dwllg.)

IF NOT SINGLE RESIDENCE DESCRIBE _____

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE.

SIGNATURE OF APPLICANT /s/ John Mikalasko

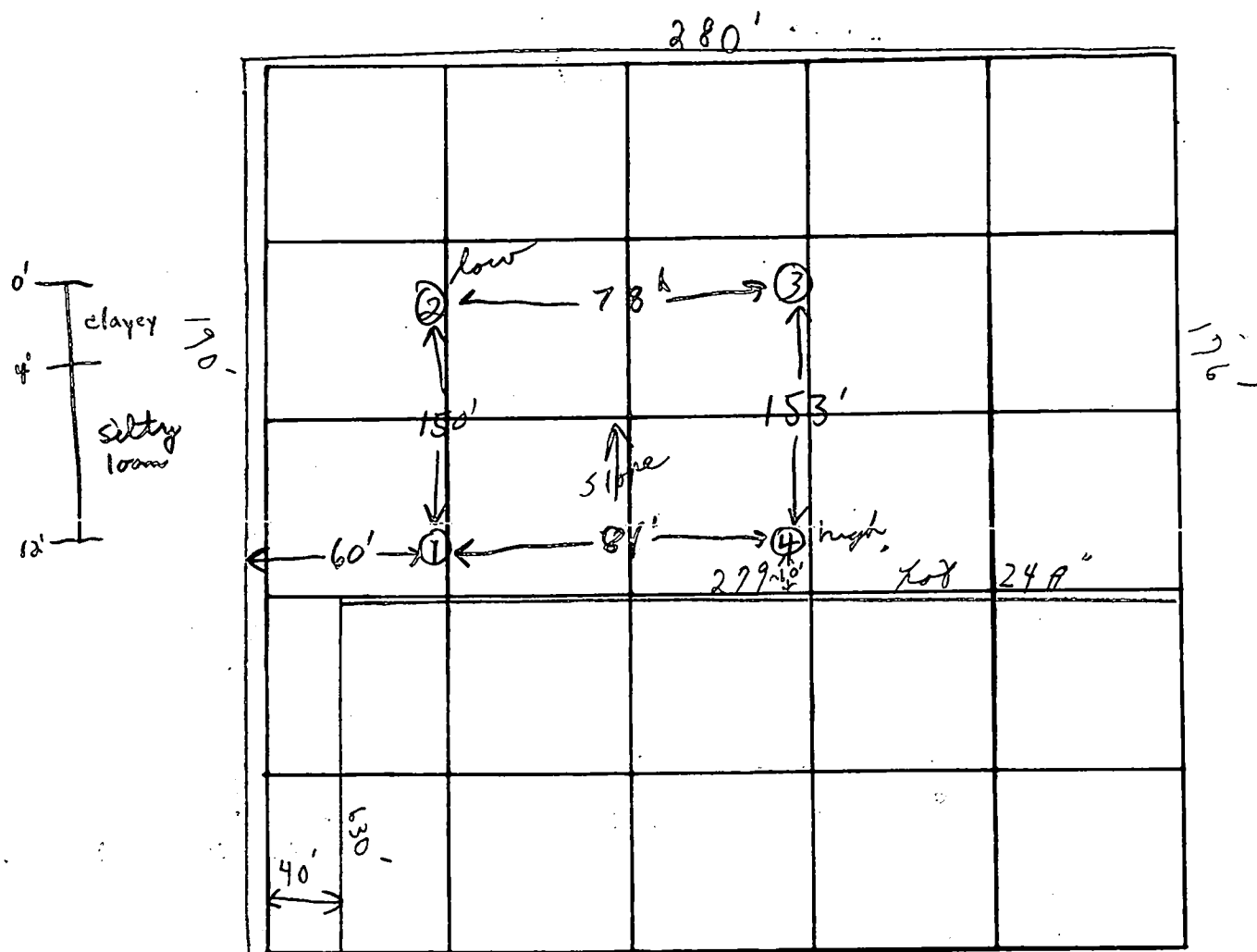
APPROVED BY Frank Sklar FOR Raymond DATE 1/21/76
(KIND OF SYSTEM)

REJECTED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Tradelphia Road

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/22/75	1	5'	1:43	1:45	1:45	1:50	5 min
	1A	11½'	1:43	1:46	1:46	1:53	7 min
	2 low	4'	1:54	1:56	1:56	1:58	2 min
	2A	12'	1:54	1:56	1:56	1:59	2 min
	3	5'	1:55	1:57	1:57	1:59	2 min
	3A	11½'	1:55	2:12	Pulled peg 3/4" dia		
	4 high	11½'	Visual; clayey to 24' silty loam below				
	3B	? 11'	2:18	2:22	2:22	2:30	8 min

REMARKS ① & ④ same elevation

TYPE OF SOIL clayey to 3-4'; silty loam below

TESTED BY F.S.

ALSO PRESENT: P. York & Co.

FILE:

2-24-98

SPOKE WITH POTENTIAL BUYER - I SUGGESTED THAT CONFIRMATION OF SOIL CONDITIONS WOULD BE NECESSARY.

POTENTIAL BUYER FEELS THAT APPROVED SEPTIC ESMT IS ON THE HIGH PORTION OF THE LOT - FOR THIS REASON - THE SEPTIC MAY HAVE TO BE MOVED DOWNHILL TO ACCOMMODATE AN ACCEPTABLE WELL SITE.

A McMullen
Carolyn Bateman 410-740-0106 Fax
715-8035 DC PF
10420 LPP
Cal 2104X

4-12' holes
on 10,000 ft.

APPLICATION

A 21365

Preliminary

SEWAGE DISPOSAL TESTING

P _____

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 3

DATE 4/18/75

3 B.R. | 4 B.R.

Drywell to have 1000 gal septic tank | 1250 gal septic tank
130 sq. ft. effective sidewall absorption area per
bedroom to begin below the first 4 ft. of non-porous soil. Maximum
depth permitted for drywell is 11 1/2 ft. below original grade. Place
the drywell 140 ft. from the left (820 ft. long) lot line and 20 ft.
from the front (269.84 ft. long) lot line, as seen when facing the
property from Triadelphia Road.

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 John Mikalasko & A. A. Krometic

ADDRESS 2205 Foxley Road, Timonium, Md. 21093 PHONE Work - 765-2930
(Westinghouse)

PROPERTY LOCATION:

SUBDIVISION Rosemary Estates LOT NO. 24A

ROAD AND DESCRIPTION Triadelphia Road

SIZE OF LOT 1.221 acres TYPE BLDG. 3 or 4

NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE (Single Fmly. Dwllg.)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE.

SIGNATURE OF APPLICANT /s/ John Mikalasko

✓ APPROVED BY Frank Skinner FOR Drywell DATE 1/21/76
(KIND OF SYSTEM)

REJECTED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

6
10/20/20

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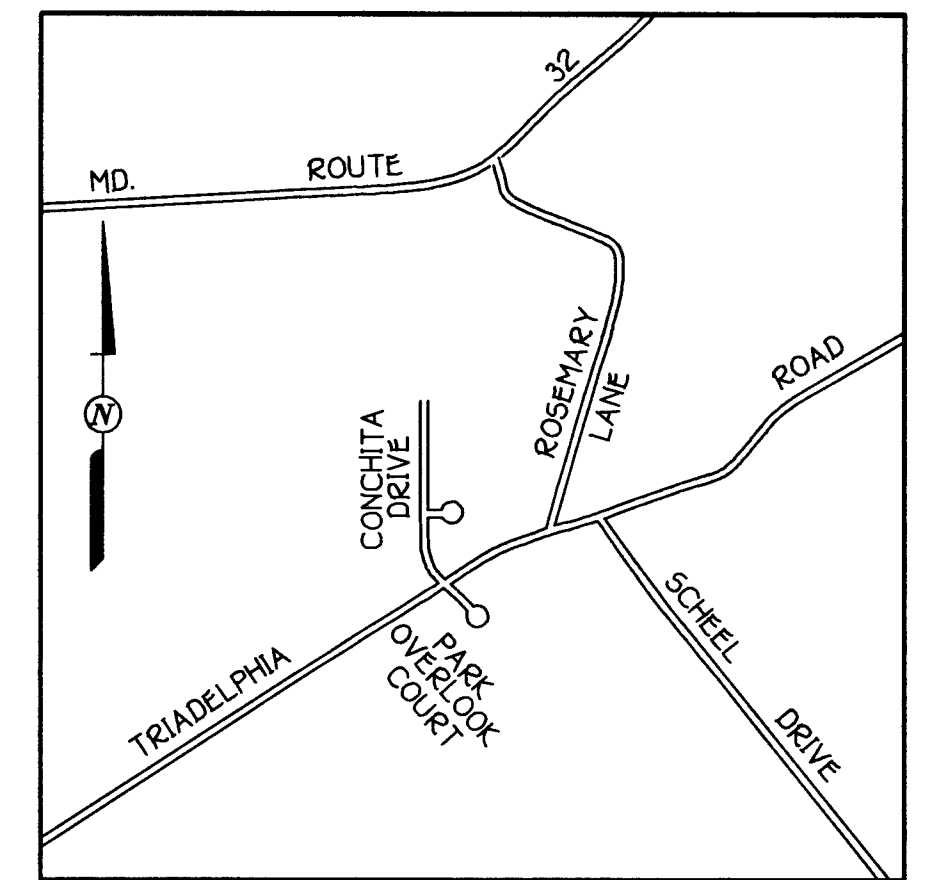
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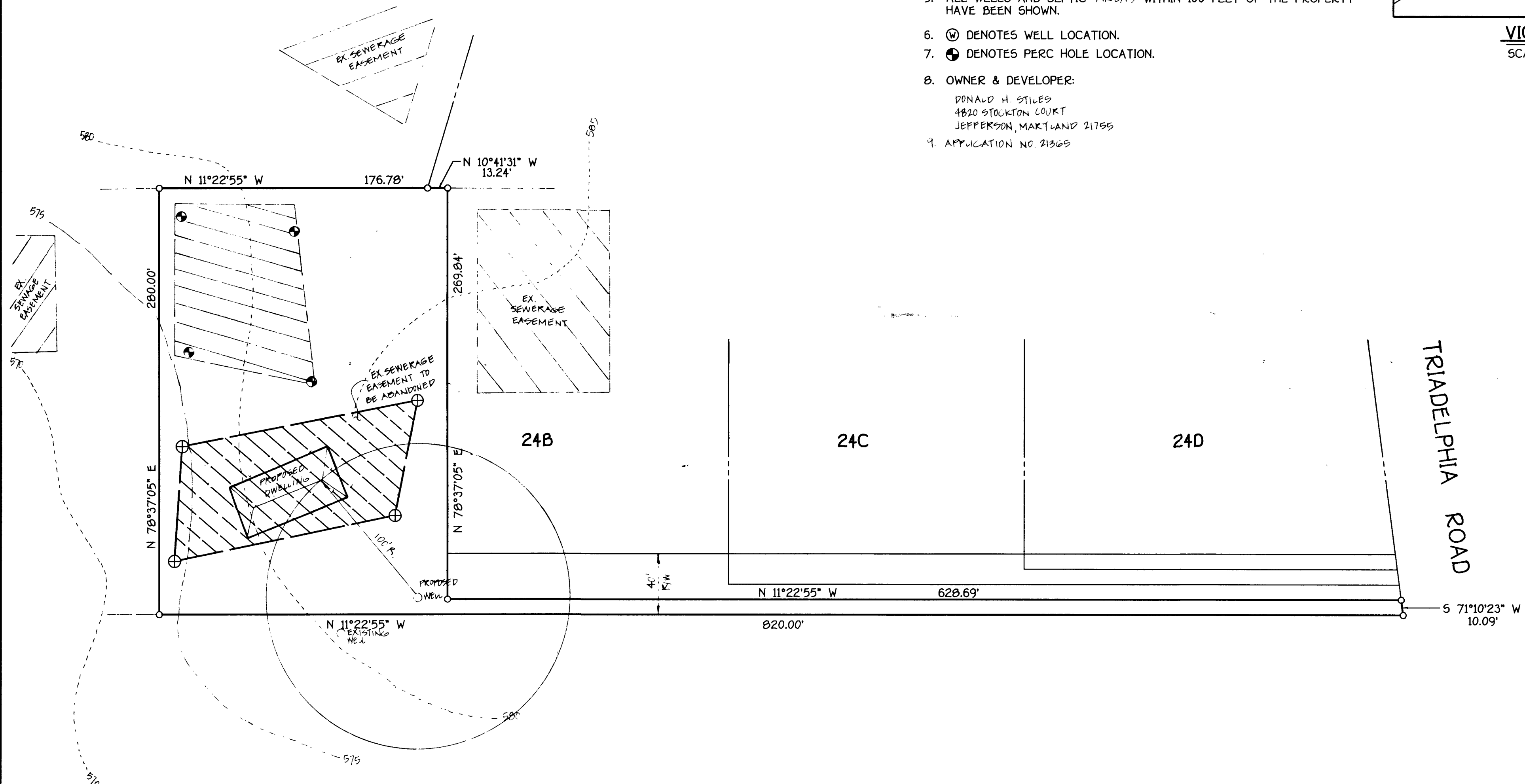
TESTED BY _____ **ALSO PRESENT:** _____

GENERAL NOTES:

1. THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENT INTO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.
2. THIS AREA DESIGNATES A EXISTING PRIVATE SEWERAGE EASEMENT OF 10,000 SQUARE FEET. THIS EASEMENT IS TO BE ABANDONED BY THIS ACTION.
3. THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
4. THE PURPOSE OF THIS PLAT IS TO REVISE THE EXISTING PRIVATE SEWERAGE EASEMENT RECORDED IN PLAT NO. TO THE LOCATION SHOWN HEREON.
5. ALL WELLS AND SEPTIC AREAS WITHIN 100 FEET OF THE PROPERTY HAVE BEEN SHOWN.
6. DENOTES WELL LOCATION.
7. DENOTES PERC HOLE LOCATION.
8. OWNER & DEVELOPER:
DONALD H. STILES
4820 STOCKTON COURT
JEFFERSON, MARYLAND 21755
9. APPLICATION NO. 21365



VICINITY MAP
SCALE : 1" = 2000'



FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CENTENNIAL SQUARE OFFICE PARK - 10772 BALTIMORE NATIONAL PKY
ELLICOTT CITY, MARYLAND 21042
(410) 451-2855

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT.

James M. R... [Signature] 5/4/98
COUNTY HEALTH OFFICER DATE

PERC CERTIFICATION PLAT ROSE MARY ESTATES LOT 24A

TAX MAP NO. 22 ZONED: RK-DEO PARCEL NO. 308
3rd. ELECTION DISTRICT HOWARD COUNTY, MARYLAND
SCALE: 1" = 50' DATE: APRIL 2, 1998

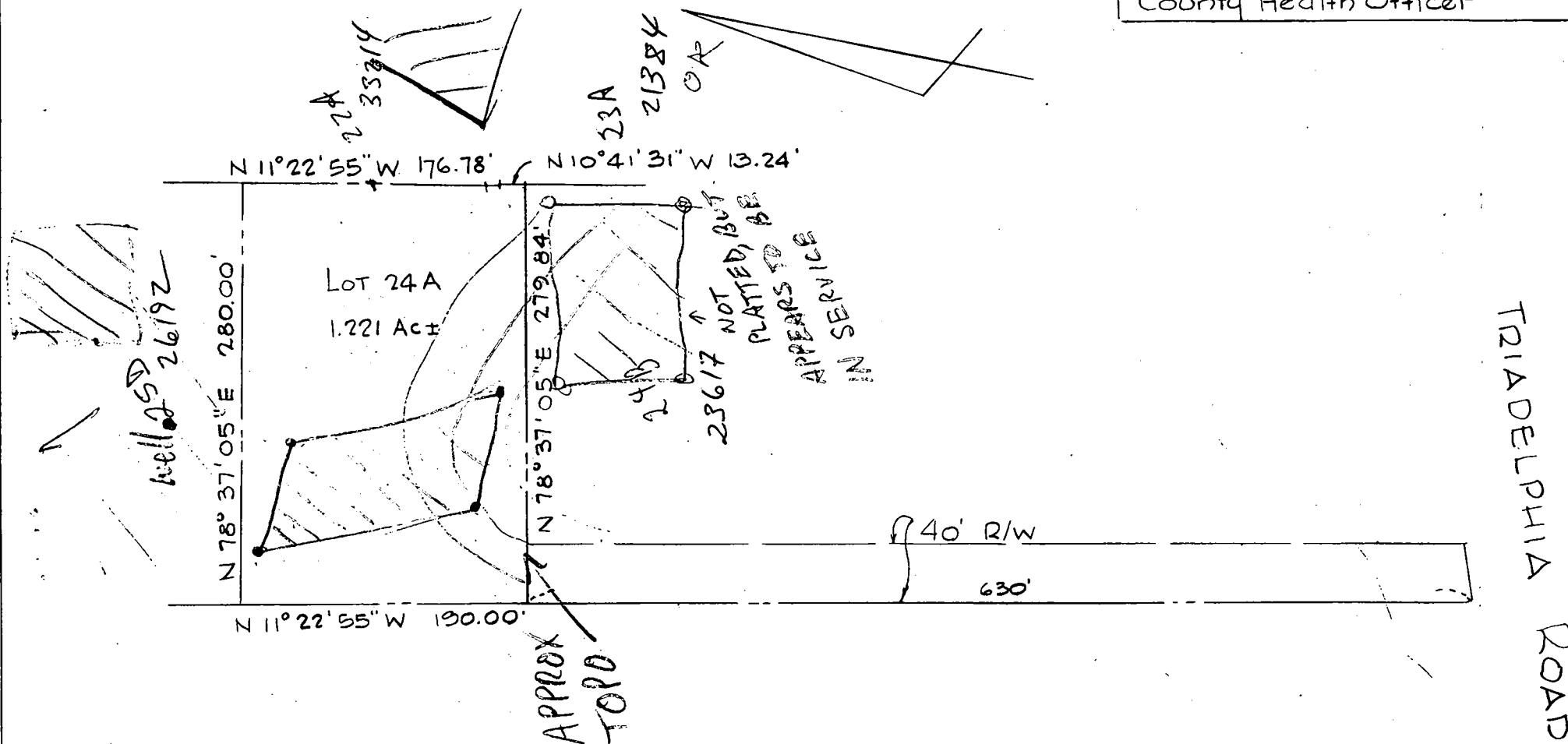
SHEET 1 OF 1

NOTE: The lot shown hereon complies with minimum ownership width and lot area as required by The Maryland State Department of Health Regulations.

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPT.

County Health Officer

Date



PURDUM & JESCHKE
ENGINEERS &
LAND SURVEYORS
3697 PARK AVENUE
ELLCOTT CITY, MD.

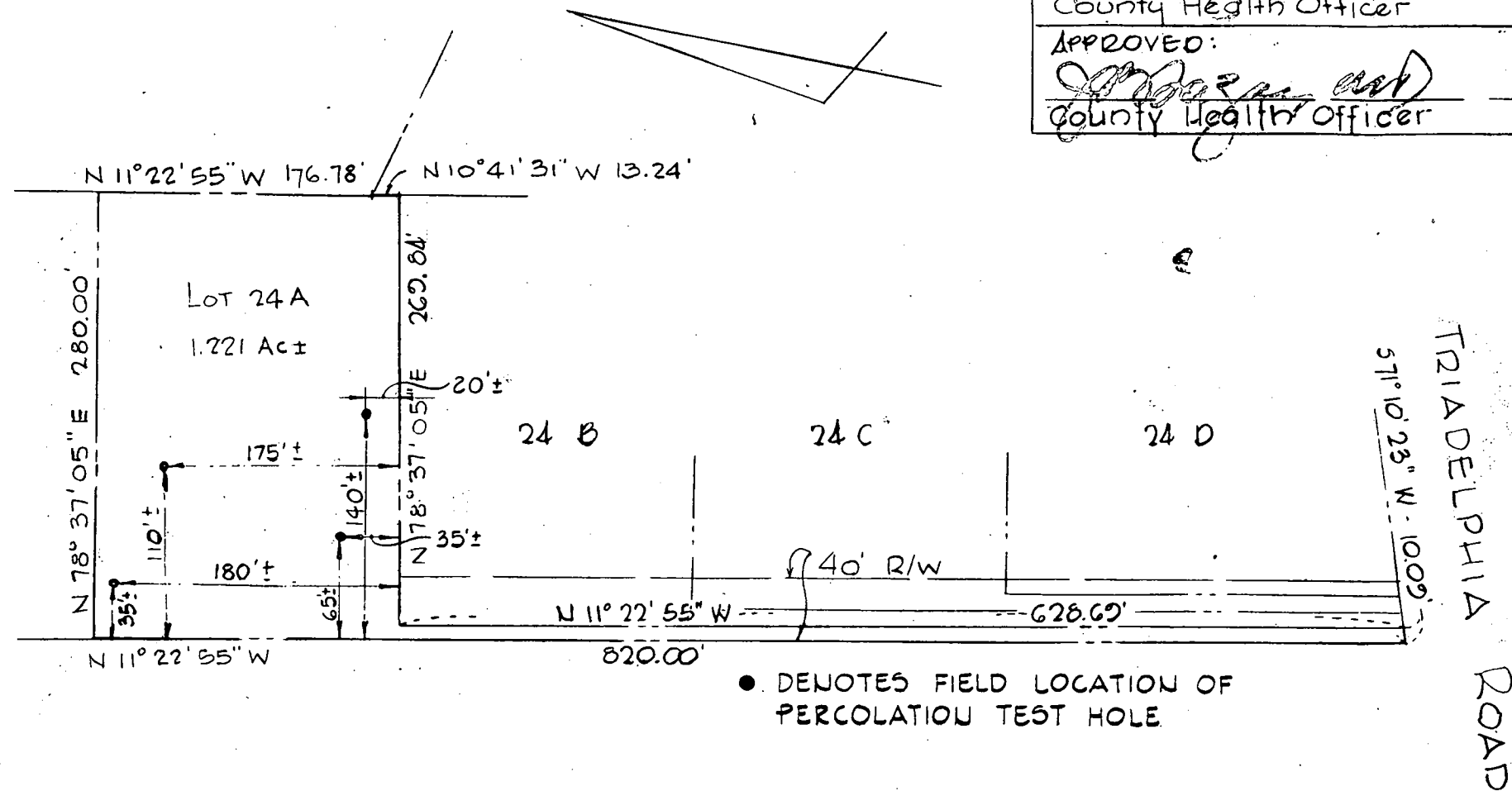
LOT 24 A
PROPERTY OF
ROSEMARY ESTATES
3RD ELECTION DISTRICT
HOWARD COUNTY, MD.
JAN. 31, 1975
SCALE: 1" = 100'

NOTE: The lot shown hereon complies with minimum ownership width and lot area as required by The Maryland State Department of Health Regulations.

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPT.

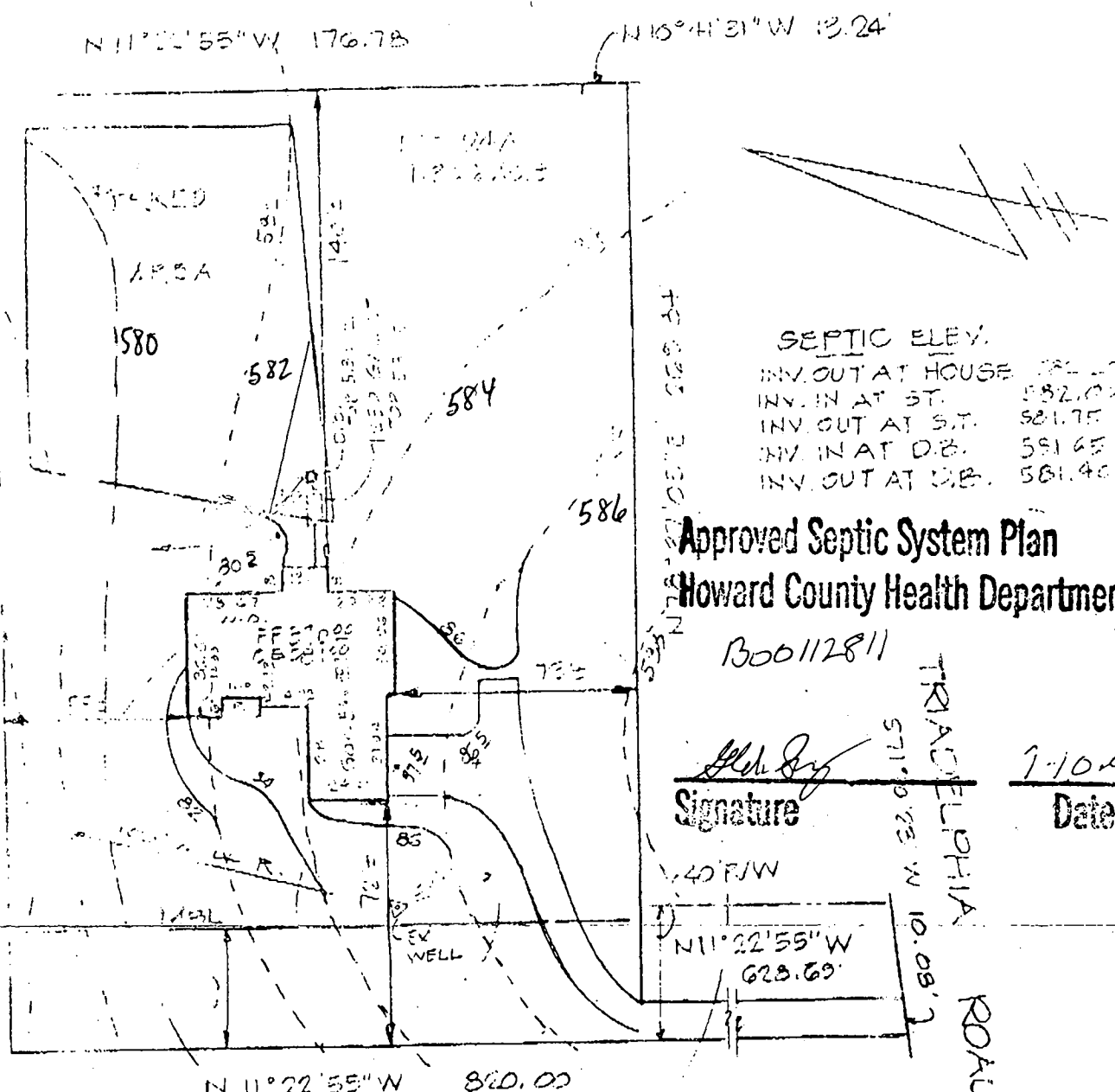
[Signature] 9/1/75
County Health Officer Date

APPROVED: *[Signature]* 9/24/75
County Health Officer Date



PURDUM & JESCHKE
ENGINEERS &
LAND SURVEYORS
3697 PARK AVENUE
ELLICOTT CITY, MD.

LOT 24 A
PROPERTY OF
ROSE MARY ESTATES
33RD ELECTION DISTRICT
HOWARD COUNTY, MD.
JAN. 31, 1975 Revised Sep. 1, 1975
SCALE: 1" = 100'



10/10/98

Septic Area Revised &
Well Relocated.Total linear feet of trench
required 180 feetWidth of trench(es) 2 feetDepth of trench(es) 5 feetDepth of stone required below
distribution pipe 3 feetPLOT PLAN
LOT 24AROSEMARY ESTATES
3rd ELECT. DISTRICT
HOWARD COUNTY MD.

RECEIVED

JUL 10 1998

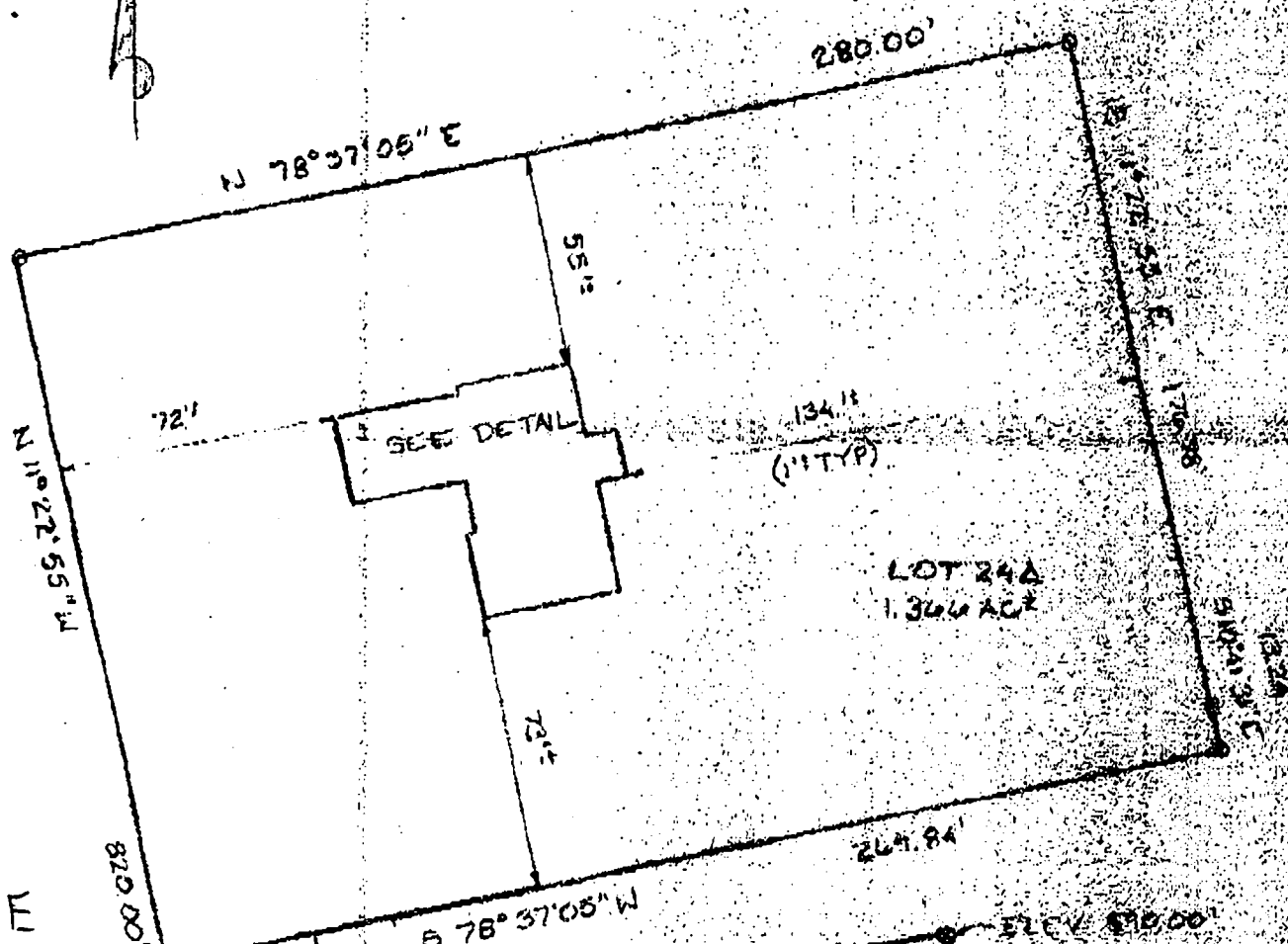
HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH

TAX MAP 22, PARCEL 308

CLSI

Carroll Land Services
Incorporated
Engineers * Surveyors * Land Development Consultants
Landscape Architects * Environmental Specialists
439 East Main Street Westminster, MD 21157-5539
(410) 876-2017 FAX (410) 876-0009

DRAWN BY:	B. D.
DESIGN BY:	B. D.
REVIEW BY:	
DATE:	6-23-98
SCALE:	1" = 50'
JOB NO:	
SHEET:	1 OF 1



HOUSE
LAYOUT
FLIPPED
(LEFT-TO-RIGHT)
BUT IN SAME
LOCATION; NO
CHANGE IN
ELEV.

OK MR
11/17/88

5 10.00
TRIADELPHIA

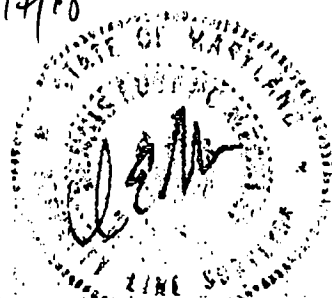
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LOCATION DEALING
LOT 24A

ROSEMARY LESTER

3RD ELEC DIST
HOWARD COUNTY MD

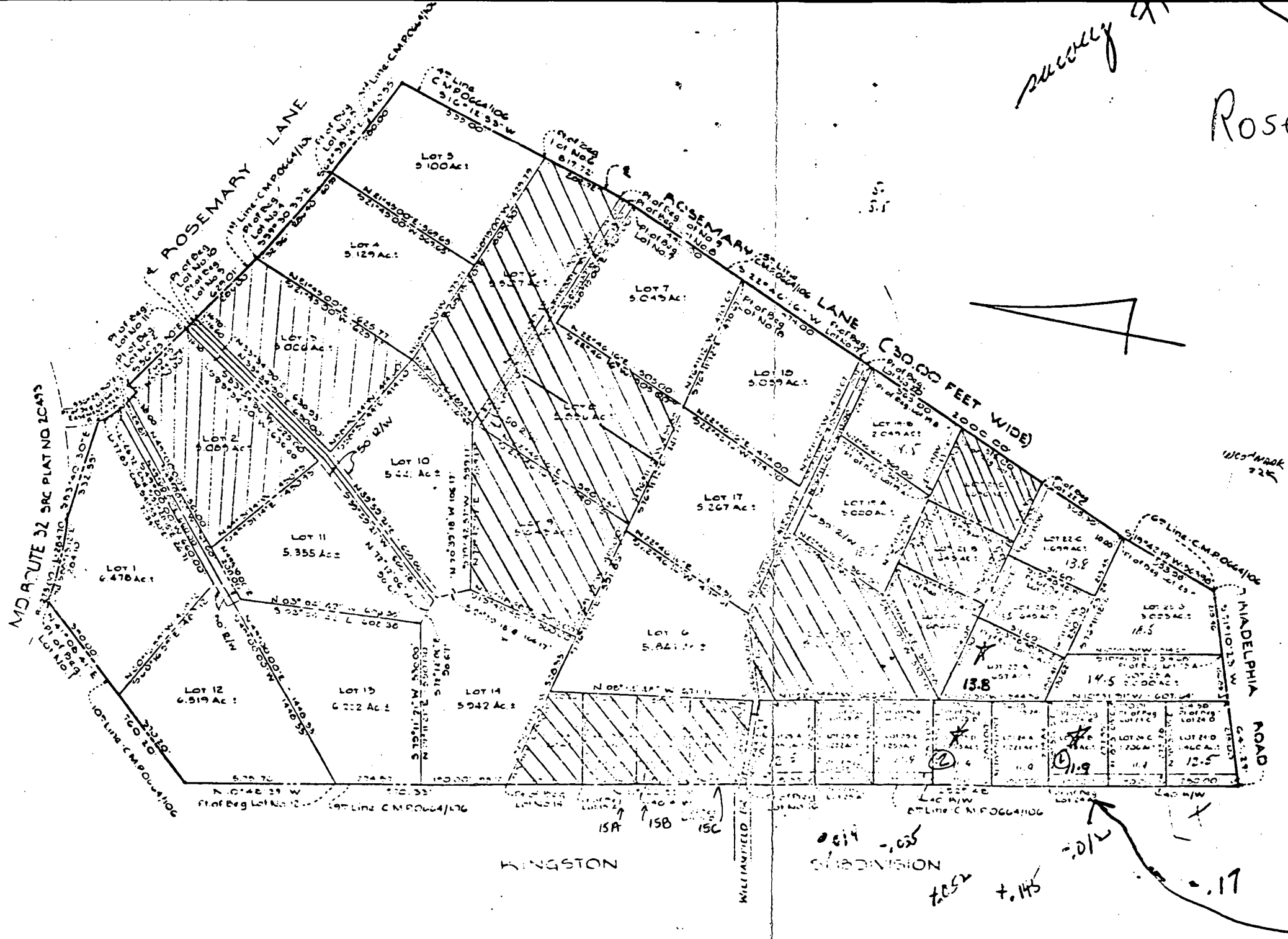
1. 1954-221 - 10/15/54



I hereby certify that I have surveyed the property shown hereon for the sole purpose of locating the improvements. This plan is a benefit to the consumer only in so far as it is required by a lender or a title insurance company or its agent in connection with contemplated transfer, financing or refinancing. It is not to be relied upon for the establishment of boundary, easement or rights of others. There are no warranties, such as:

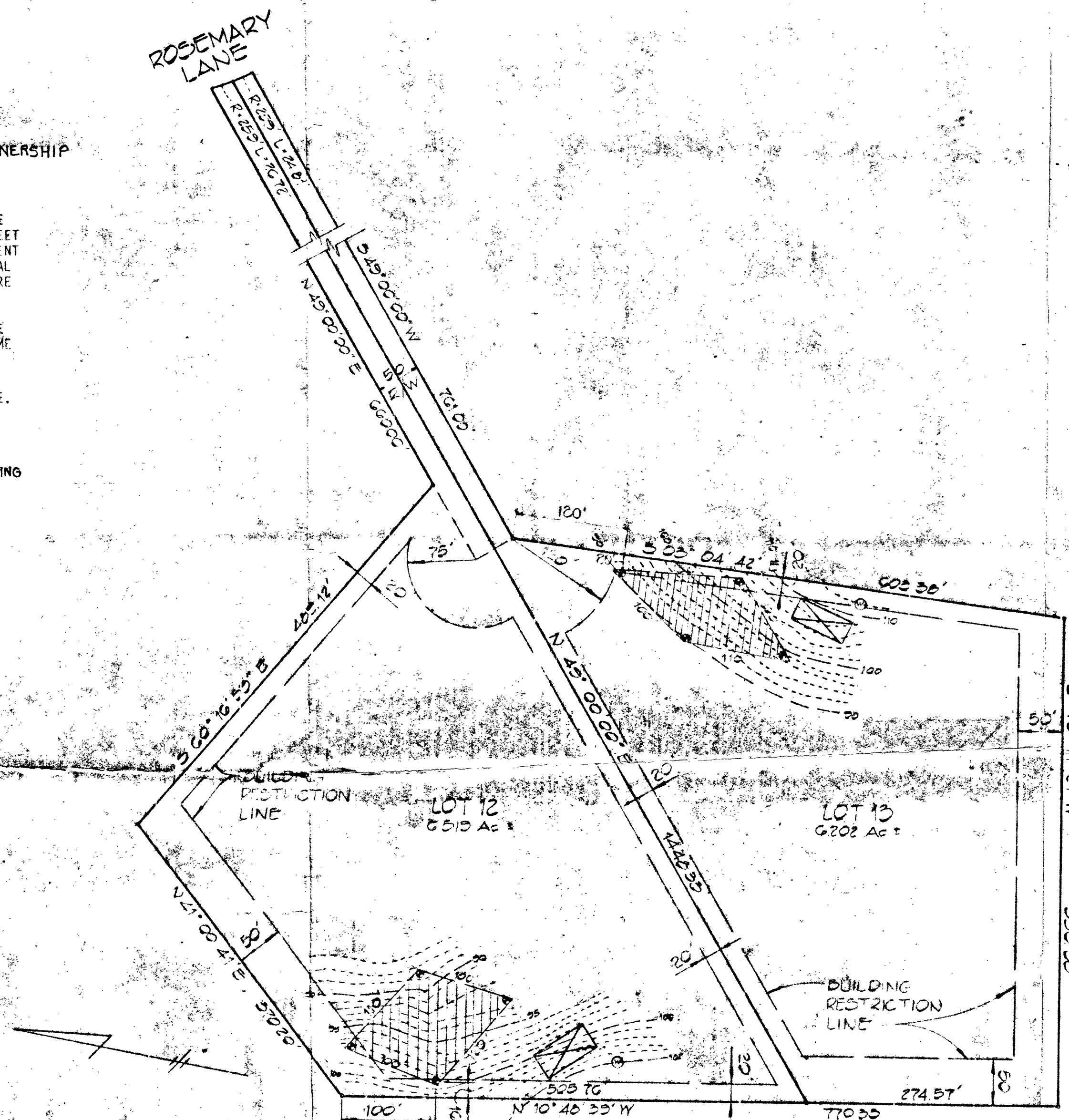
Survey 97

Rosemary Estates



NOTES:

1. THE LOTS SHOWN COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREAS AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE.
2.  THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF APPROXIMATELY 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE AND SERVICING ANY RESIDENTIAL STRUCTURE CONSTRUCTED ON THESE BUILDING SITES. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM.
3.  DENOTES FIELD LOCATION OF PERCTEST HOLE.
4.  DENOTES APPROXIMATE LOCATION OF DWELLING.
5.  DENOTES LOCATION OF WELL.
6. PERCOLATION AREAS & WATER WELLS FOR ADJOINING LOTS WILL BE SHOWN WHERE PERTINENT



FISHER, COLLINS AND CARTER, INC.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 8388 COURT AVENUE
 ELLICOTT CITY, MARYLAND 21043
 TELEPHONE (301) 461-2855

APPROVED FOR PRIVATE WATER AND PRIVATE
 SEWERAGE SYSTEMS

Joseph M. Boylan
 County Health Officer
 Date **9-25-80**

PERCOLATION TEST CERTIFICATION DRAWING
 ROSE MARY ESTATES
 THIRD ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 SEPTEMBER 25, 1980
 SCALE 1" = 40'

C 1 05025 SEQUENCE NO. (MDE USE ONLY)

1 2 3 4 5 6
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

ST/CO USE ONLY
DATE Received
10-12-98

DATE WELL COMPLETED
06 18 98

STATE OF MARYLAND
WELL COMPLETION REPORT

FILL IN THIS FORM COMPLETELY
PLEASE PRINT OR TYPE

Depth of Well
405
(TO NEAREST FOOT)

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

COUNTY
NUMBER A 21365

PERMIT NO.
FROM "PERMIT TO DRILL WELL"
HD-94-1527

OWNER Gardner William
STREET OR RFD Triadelphia Road TOWN Glenn
SUBDIVISION Rosemary Estates SECTION 24A LOT 24A

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	
Sandy	2	40	✓
Sandstone	40	45	
MICKA	45	60	
Sandstone	60	65	✓
MICKA	65	405	

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle Appropriate Box)

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.

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) 55

OTHER CASING (if used)

diameter inch _____ depth (feet) from _____ to _____

SCREEN RECORD

screen type or open hole

STEEL ☒ BRASS ☒ OPEN HOLE ☒
BRONZE ☒ PLASTIC ☒ OTHER ☒

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED ☒ YES ☒ NO

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, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS LIC. NO. M S D 116

DRILLERS SIGNATURE Paul Mays

LIC. NO. M S D 117

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

DEPTH (nearest ft.) 405

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60

SLOT SIZE 1 _____ 2 _____ 3 _____

DIAMETER OF SCREEN (NEAREST INCH) 56 to 60

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 _____

PUMPING TEST

HOURS PUMPED (nearest hour) 6

PUMPING RATE (gal. per min.) 2

METHOD USED TO MEASURE PUMPING RATE Bucket

WATER LEVEL (distance from land surface)

BEFORE PUMPING 33 ft.

WHEN PUMPING 205 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) ☒ (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 29

CAPACITY 6-10 GALLONS PER MINUTE (to nearest gallon) 31 to 35

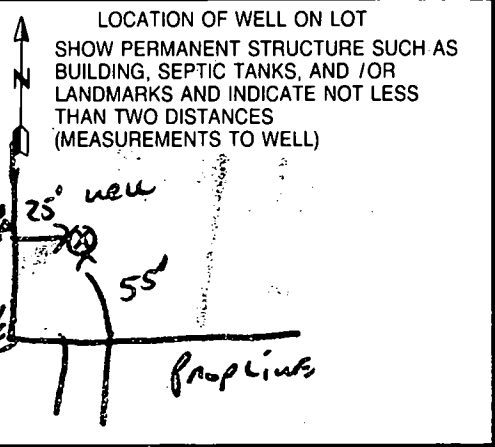
PUMP HORSE POWER 37 to 41

PUMP COLUMN LENGTH (nearest ft.) 43 to 47

CASING HEIGHT (circle appropriate box and enter casing height)

☒ above } LAND SURFACE 2 (nearest foot)

☐ below }



Page 1 of 1
 Date June 10 1998

Review OK KM 6-12-98

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 94-1527
 Location of property (road) Triadelphia Road
 Subdivision Rosemary Estates Lot 34A Block Plat Sec.
 Well Driller Ralph Mayne Owner William Gardner

Depth of well 405'
 Distance of measuring point (M.P.) above ground 2'
 Static water level (S.W.L.) below M.P. 33'

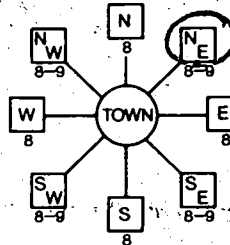
I. High rate pumping -- reservoir drawdown

Time pump started 8:30 Pumping rate 126 gpm
 Total time 30 min to reach pumping water level 205 ft. below M.P.

II. Recovery pump test data - observations to be recorded every 15 minutes

TIME (in 15 minute intervals)	WATER LEVEL below M.P.	PUMPING RATE time to fill <u>5</u> gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
8:00	205 <u>H</u>	30 Sec		2 GPM
8:15	205 <u>H</u>	30 Sec		2 GPM
8:30	205 <u>H</u>	30 Sec		2 GPM
8:45	205 <u>"</u>	30 <u>"</u>		2 <u>"</u>
9:00	205 <u>"</u>	30 <u>"</u>		2 <u>"</u>
9:15	205 <u>"</u>	30 <u>"</u>		2 <u>"</u>
9:30	205 <u>H</u>	30 Sec	55" CASING	2 <u>"</u>
9:45	205 <u>H</u>	30 Sec	30' open	2 GPM
10:00	205 <u>H</u>	30 Sec	14345	2 GPM
10:15	205 <u>H</u>	30 Sec		2 GPM
10:30	205 <u>"</u>	30 <u>"</u>		2 <u>"</u>
10:45	205 <u>"</u>	30 <u>"</u>		2 <u>"</u>
11:00	205 <u>"</u>	30 <u>"</u>		2 <u>"</u>
11:15	205 <u>"</u>	30 <u>"</u>		2 <u>"</u>
11:30	205 <u>"</u>	30 <u>"</u>		2 <u>"</u>
11:45	205 <u>"</u>	30 <u>"</u>		2 <u>"</u>
12:00	205 <u>H</u>	30 Sec		2 GPM
12:15	205 <u>H</u>	30 Sec		2 GPM
12:30	205 <u>H</u>	30 Sec		2 GPM
12:45	205 <u>"</u>	30 <u>"</u>		2 <u>"</u>
1:00	205 <u>"</u>	30 <u>"</u>		2 <u>"</u>
1:15	205 <u>"</u>	30 <u>"</u>		2 <u>"</u>
1:30	205 <u>H</u>	30 Sec		2 GPM
1:45	205 <u>H</u>	30 Sec		2 GPM
2:00	205 <u>H</u>	30 Sec		2 GPM
2:15	205 <u>"</u>	30 <u>"</u>		2 <u>"</u>
2:30	205 <u>"</u>	30 <u>"</u>		2 <u>"</u>
2:45	205 <u>H</u>	30 Sec		2 GPM
3:00	205 <u>H</u>	30 Sec		2 GPM

B 1	8722	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND PERMIT TO DRILL WELL please print or type	STATE PERMIT NUMBER 40-94-1527 70 fill in this form completely 78
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-8 ON ALL CARDS)				
OWNER INFORMATION Date Received (APA) 041398 Owner GARONER First Name WILLIAM Last Name SOSZ Street or RFD 00254 Town ELLICOTT State MD Zip 21042			LOCATION OF WELL Adward ROSEMARY 21 COUNTY ROSEMARY 23 SUBDIVISION 42 SECTION 44 46 LOT 04A 48 50 GLENELG 52 NEAREST TOWN 71 MILES FROM TOWN (enter 0 if in town) 2 73 76 77 78 MI	
DRILLER INFORMATION Driller's Name Ralph MAYNE 77 License No. 80 Firm Name Ralph MAYNE Well Drilling Address 9120 Brown Church Rd Mt Airy Signature Ralph Mayne Date 3/22/98			TRINDELPHIA RD. 11 30 NEAR WHAT ROAD ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NORTH ☒ WEST ☐ EAST ☐ SOUTH ☐ DISTANCE FROM ROAD 800 34 37 ENTER FT OR MI FT 38 39 TAX MAP 8 BLK 8 PARCEL 8	
WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN.) 5 8 12 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500 14 20			DIRECTION OF WELL FROM TOWN (CIRCLE BOX) 	
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)				
APPROXIMATE DEPTH OF WELL 150 24 28 FEET APPROXIMATE DIAMETER OF WELL 6" NEAREST 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 DEEPEEN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) _____ 41 52				
Not to be filled in by driller (MDE OR COUNTY USE ONLY) APPROP. PERMIT NUMBER _____ 54 63 FORCE AM WRITE INITIALS IN BOX PERMIT No. 40-94-1527 70 71 72 73 74 75 76 77 78 79				
SPECIAL CONDITIONS NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED -				

B 4
 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)

TRINDELPHIA RD. 11 30
 NEAR WHAT ROAD
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
 NORTH ☒ WEST ☐ EAST ☐ SOUTH ☐
 DISTANCE FROM ROAD **800** 34 37
 ENTER FT OR MI **FT** 38 39
 TAX MAP **8** BLK **8** PARCEL **8**

 NOT TO BE FILLED IN BY DRILLER
 HEALTH DEPARTMENT APPROVAL

Howard

COUNTY NAME

A 21365

COUNTY NO

STATE SIGNATURE

DATE ISSUED

042198 **A M Miller** 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80

NORTH GRID

525000

EAST GRID

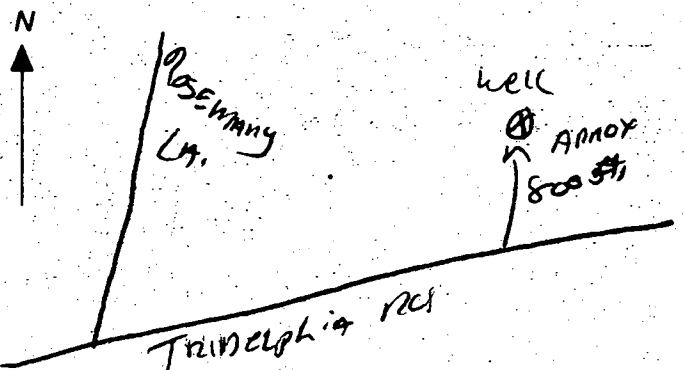
0812000

 SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X
 SOURCES OF DRILLING WATER
 1. well

WRITE THE BOX NUMBER FROM THE MAP HERE

812
525

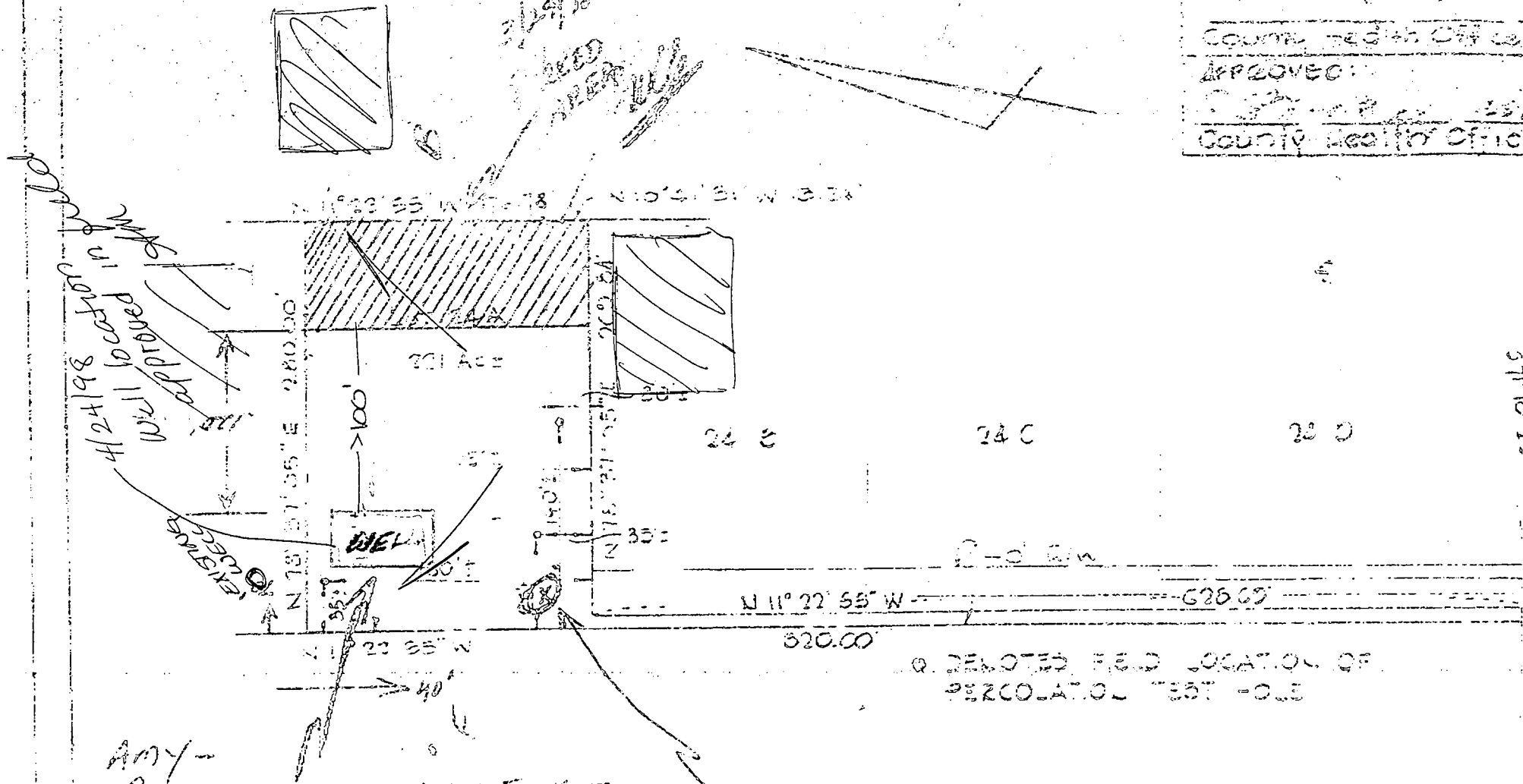
DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION



NOTE: The lot shown hereon conforms with minimum ownership within and lot area as required by the Maryland State Department of Health Regulations

APPROVED FOR PRIVATE WATER AND SEWERAGE SYSTEMS, HOWARD COUNTY, MARYLAND

County Health Officer _____ Date _____
 APPROVED: _____
 County Health Officer _____ Date _____



PEGGY M. REEVES
 REGISTERED PROFESSIONAL ENGINEER
 MARYLAND

DESIGN (410) 564-5000 (BALT)
 (410) 564-5000 (FAX)

Q. DETEDED FIELD LOCATION OF PERCOLATION TEST HOLE

LOT 24 A
 PROPERTY OF
 ROSEMARY ESTATES
 3RD ELECTION DISTRICT
 HOWARD COUNTY, MD
 JAN. 31, 1975 Revised Sept. 1, 1975
 SCALE: 1"=100'

PURDUM JESCHKE
 ENGINEERS &
 LAND SURVEYORS
 3601 PARK AVENUE
 ELICOTT CITY, MD

HOWARD COUNTY HEALTH DEPARTMENT
Bureau of Environmental Health
3525-H Ellicott Mills Drive
Ellicott City, MD 21043
461-9933

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation ☒
Replacement ☐

Receipt # _____
Date 12/4/98

Name of Installer J. Jos. Gartland, Inc. Telephone 410-875-2400

License Number 1713

Certified Well Pump Installer _____ Well Driller _____ Registered Plumber ☒

Name of Property Owner Peggy Keys / Wm. Gardner Telephone 410-875-2400
Subdivision Rosemary Estates Lot # 24A Well Tag # HD-94-1527
Site Address 12920 Trindaphia Road

Pump

1. Type
 - a. Deep well jet _____
 - b. Shallow well jet _____
 - c. Submersible ☒
2. Make STA RITE
3. Model # 7SP4E02FW
4. Capacity 7 GPM

Motor

1. Horsepower 1
2. RPM _____
3. Voltage _____
 - a. 110 _____
 - b. 220 ☒

Pitless Adapter

1. Make Harvard
2. Model # P7800
3. Depth 42"

5. Pump exceeds well capacity Yes _____ No ☒
6. If Yes, is low pressure cutoff switch installed? Yes _____ No _____
7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors _____ Cable guards _____ Other _____

Tank

1. Capacity 40gal
2. Pressure relief valve? 75psi

Piping

1. Type Plastic
2. Size 1"
3. NSF and/or BOCA Code approved YES
4. Depth of supply line 42"

Well data

1. Depth 350 ft.
2. Yield _____ GPM
3. Static water level _____ ft.
4. Will water supply be disinfected by installer? NO

I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

All information given above is true to the best of my knowledge

Signature of Applicant _____

Date: 12/4/98

Note: A sticker indicating approval/status of the installation will be placed on the well casing at the time of the inspection.