

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 49365

A 48697

DISTRICT 3rd

DATE 4/24/93

DATE SYSTEM APPROVED 6/24/93

INSPECTOR CW

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~461-9933~~ 313-2640

INDEXED

Jack Fyock Septic Service IS PERMITTED TO INSTALL X ALTER

ADDRESS 13775 Triadelphia Road, Glenelg, Maryland 21737 PHONE 988-9270

SUBDIVISION Triadelphia Woods LOT 29 ROAD 12661 Golden Oak Drive

PROPERTY OWNER Dan & Pat Romano JEFFREY & PATRICIA TOMLINSON

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4-5

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 180

TRENCHES - Trench to be 2 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. 4 feet of stone below distribution pipe.

LOCATION - Start the first trench 195 feet from the front lot line and 110 feet from the right lot line. Run trenches on contour, initial trenches to rear, other

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK 3/25/93 RH

PLANS APPROVED BY C. Williams/Mark Rifkin REVISED DATE 1/12/93

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.

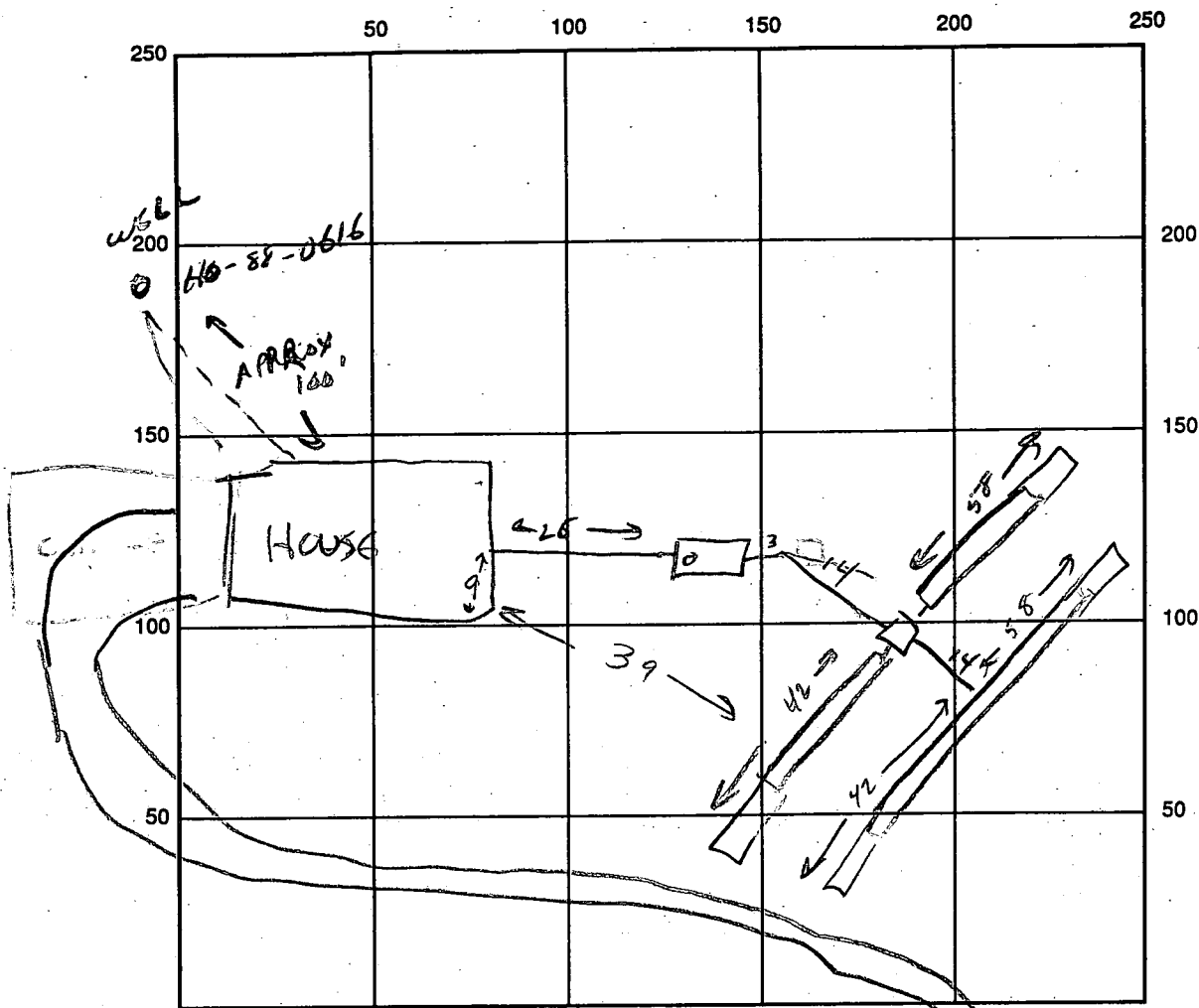
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

3. PERMIT ~~REQUIRE~~ 4/25/01
B00129801 - 2 CAR
garage

1/2 stone sitting rm
BPO029930 5/11/01

A 48697



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL 1250 ✓ CLEANOUTS 314 GOLDEN OAK CT

DISTRIBUTION BOX LEVEL ✓

DRAIN FIELD/TITLE DEPTH 4 FT. TRENCH WIDTH 2 FT. INLET DEPTH 4 FT.

EFFECTIVE GRAVEL DEPTH 8 FT. TOTAL LENGTH 200 FT.

NUMBER OF TRENCHES 2 @ 42; 2 @ 58 ONE SIDEWALL/BOTTOM AREA 800 SQ. FT.

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

ABSORBENT AREA — SQ. FT.

REMARKS: OK TO COVER ALL 6/24/93 CWL

DATE SYSTEM APPROVED 6/24/93 INSPECTOR CWLL

APPLICATION

SEWAGE DISPOSAL TESTING

A 31587

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

P.O. BOX 476 ELLICOTT, MARYLAND 21043
TELEPHONE: 992-2330

DISTRICT 3rd.

DATE 3/12/80

*Incr. 3'
effect depth - 5'
man depth - 10'*

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 Carroll Mulholland Patuxent Land Company

ADDRESS c/o Boender Associates, Inc. PHONE 465-7777

PROPERTY LOCATION:

SUBDIVISION Triadelphia Woods LOT NO. New LOT 29 of PLAT
LOT 29 3-87

ROAD AND DESCRIPTION West side of Triadelphia Road @ Carroll Mill Road
12661 Golden Oak Drive

SIZE OF LOT 3 acres + TYPE BLDG. SFD

SEE PREVIOUS SHEET FOR RE-PERC MR 1/12/93

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.

SIGNATURE OF APPLICANT _____

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE Note for Certified notes + Supervisor SGR + IRS 11/1/80

REASONS FOR REJECTION OR HOLDING _____

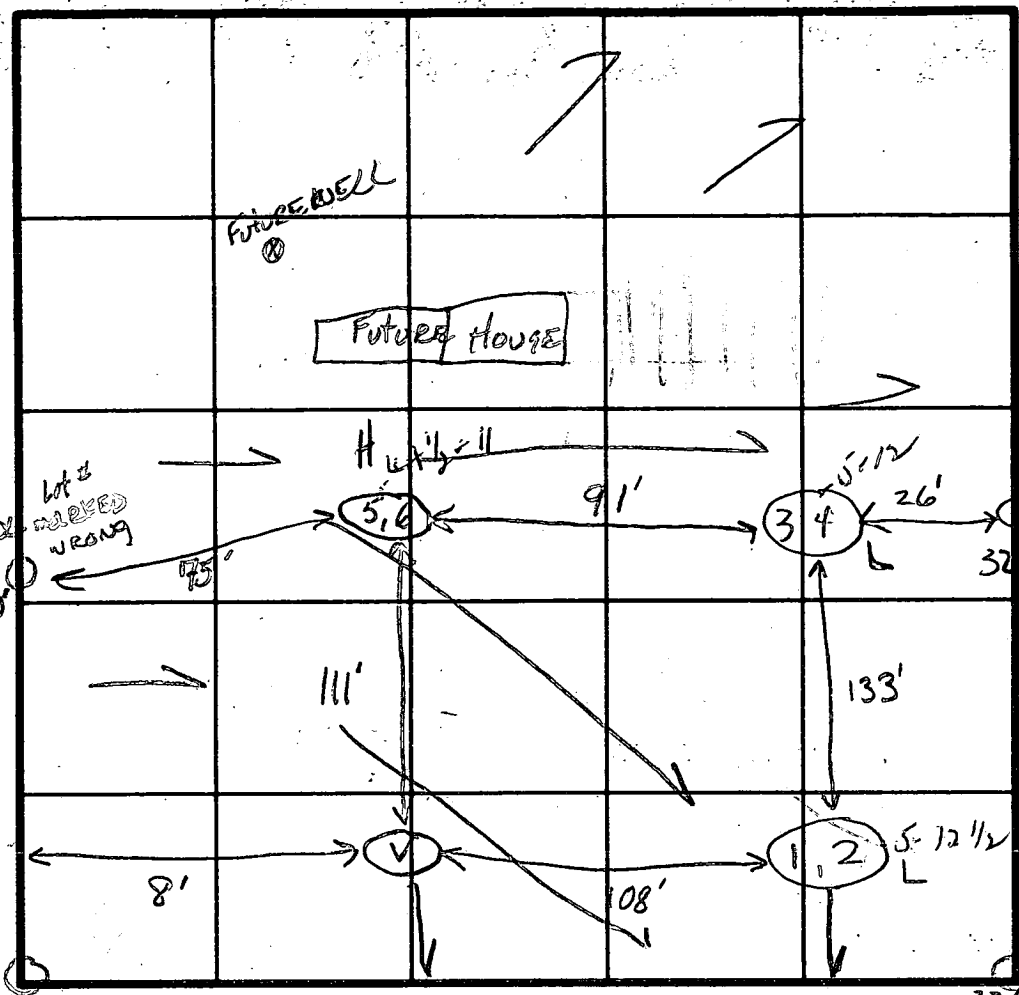
**BOG. PERMIT SIGNED
AND RETURNED 8/3/89
Serial # 2F357
SFD - 3 Bedrooms**

THIS IS NOT A PERMIT

LOT # 32

SOIL PROFILE

Below
Clay
SEE
Below



FIELD SHEET
Tests not per
STAKES

Soil

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.
"ROAD B"

1-5' clay
5-13' Loam + mica Shist
1-5' clay
5-13' mica Loam
1-3 clay
3-11 mica Loam
1-3' clay
3-11' loam + mica loam

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME		
			START	STOP	START	STOP			
4/16/80	1A	4'	2:04	2:34	3/4"	X	X 30 min		
	2	12' 6"	2:01	2:05	2:05	2:16	11 min	Dug to 13'	
	3A	4'	2:28				X X		
	4	12'	2:29	2:31	2:31	2:35	4 min	Dug to 13'	
	5	4 1/2'	3:37	3:38	3:38	3:39	1 min		
	6	11'	3:35	3:37	3:37	3:42	5 min	Dug to 12'	
	1B	5'	2:42	2:48	2:48	3:00	12 min	clay 13'	
	3B	5'	2:59	3:08	3:08	3:31	23 min	9 min	
	VISUAL		Soil	SIMILAR (SEE PROFILE)					130 yds per bed room

REMARKS Wooded Lot. Hold For CERTIFIED holes. Copy given Mr Mink
Hold for Supervisor E to E 4/16/80

TYPE OF SOIL

TESTED BY S.G.K. + C.B.S.

ALSO PRESENT DENNY MINK + HOWIE OF BENDER

12/2/92
NOV 18

APPLICATION

PERCOLATION TESTING

A 48697

P _____

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

RE-PERC
FOR DESIRED
HOUSE SITE

DISTRICT _____

DATE 11/19/92

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 MARC COLLETT

ADDRESS _____ PHONE _____

AGENT OR PROSPECTIVE BUYER STEVE WEINSTEIN MARCIO HOMES INC (AGENT FOR MARYANN ROMANO)

ADDRESS 7276 9375 GREEN LANE, COLUMBIA MD 21046 PHONE 381-7392

PROPERTY LOCATION:

SUBDIVISION TRIADOLONIA WOODS LOT NO. 29

ROAD AND DESCRIPTION GOLDEN OAK DRIVE

TAX MAP _____ PARCEL # _____

SIZE OF LOT 3.028 AC. TYPE BLDG. SFO
(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 PERC OK - HOLD FOR PERC PLAT MR 12/2/92

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

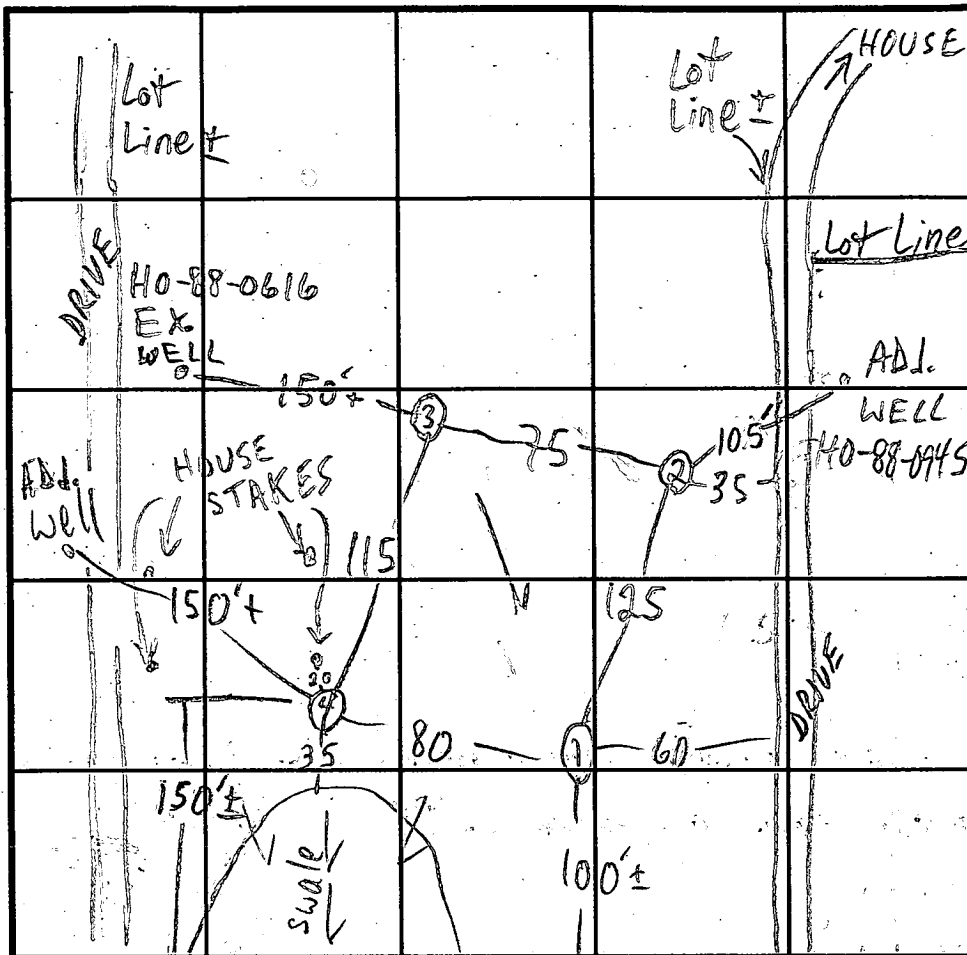
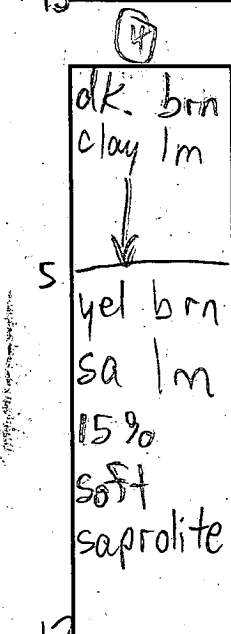
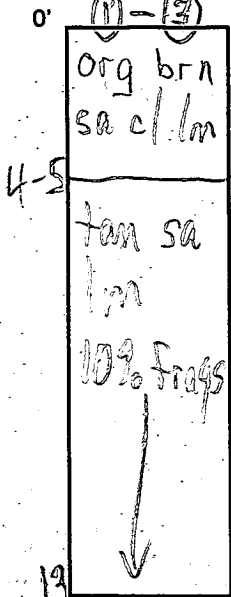
SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

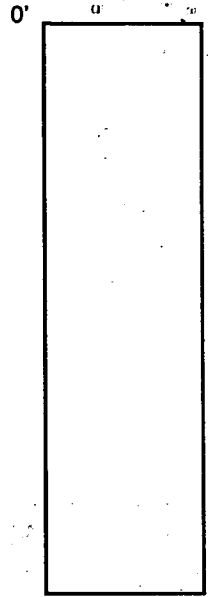
A 48697

COUNTY #

SOIL PROFILE



SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE. **GOLDEN OAK DR**

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
12/2/92	1 S	5 1/2	10:15	10:17	10:17	10:20	3	
	1 V	13	see profile					
	2 S	5 1/2	10:23:30	10:27:00	10:27	10:34	7	
	2 V	13	sim to ① 15% soft saprolite					
	3 S	5	10:36	10:38:00	10:38:00	10:42	4	
	3 M	8	10:36:30	10:38:00	10:38:00	10:41	3	
	3 V	13	sim to ① 15-20% soft gray saprolite					
	4 S	5 1/2	10:45	10:53	10:53	10:59	6	
	4 V	13	see profile					

REMARKS NEW PERC OK

TYPE OF SOIL _____

TESTED BY M. Rifkin ALSO PRESENT J. Fyock crew

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 6 min TRENCH WIDTH 2

INLET DEPTH 4 MAXIMUM BOTTOM DEPTH 8 SQ. FT./BEDROOM 180

C1 2383

SEQUENCE NO. (DENV USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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

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

COUNTY NUMBER A3077

DATE Received

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

8 13

15 20

22 26 (TO NEAREST FOOT)

28 37

OWNER STREET OR RFD last name first name TOWN

SUBDIVISION SECTION LOT 29

WELL LOG Not required for driven wells STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

Table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), Check if water bearing. Rows include Topsoil, Br. Mica, Tan Mica, Gray Mica, etc.

GROUTING RECORD WELL HAS BEEN GROUTED (Circle Appropriate Box) TYPE OF GROUTING MATERIAL CEMENT BENTONITE CLAY

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

MAIN CASING Nominal diameter top (main) casing (nearest inch) Total depth of main casing (nearest foot)

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

SCREEN RECORD screen type or open hole insert appropriate code below STEEL BRASS BRONZE PLASTIC OPEN HOLE OTHER

DEPTH (nearest ft.) Holes 1, 2, 3 with depth measurements

CIRCLE APPROPRIATE LETTER A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED ELECTRIC LOG OBTAINED 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, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS IDENT. NO. 40

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

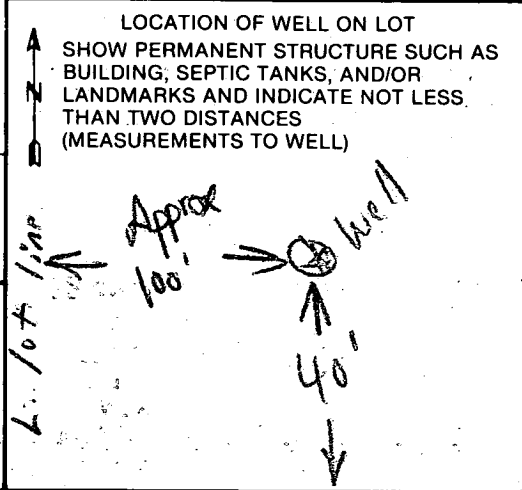
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

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

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER) TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST HOURS PUMPED (nearest hour) PUMPING RATE (gal. per min. to nearest gal.) METHOD USED TO MEASURE PUMPING RATE WATER LEVEL (distance from land surface) BEFORE PUMPING WHEN PUMPING TYPE OF PUMP USED (for test)

PUMP INSTALLED. DRILLER WILL INSTALL PUMP (CIRCLE) (YES or 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 HORSE POWER PUMP COLUMN LENGTH (nearest ft.) CASING HEIGHT (circle appropriate box and enter casing height) LAND SURFACE (nearest foot)



COUNTY

B 1 **9120** SEQUENCE NO. (DP USE ONLY)
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3, 6 ON ALL CARDS)

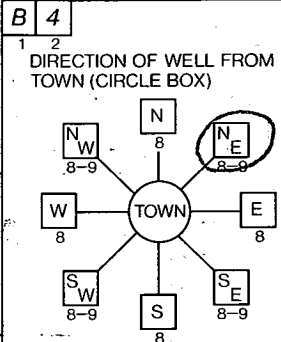
STATE OF MARYLAND
 PERMIT TO DRILL WELL
 please print or type

STATE PERMIT NUMBER
40-88-0616
 fill in this form completely

Date Received (APA) **050789**
 OWNER INFORMATION
PATKENT LAND CO.
 Last Name Owner First Name
DOB 208
 Street or RFD
CLARKSVILLE MD 21029
 Town State Zip

B 3 LOCATION OF WELL **R 44294**
HOWARD COUNTY
TRIAD E L P H I A W O O D S SUBDIVISION
 SECTION **29** LOT
G L E N E L G NEAREST TOWN
 MILES FROM TOWN (enter 0 if in town) **3** MI

DRILLER INFORMATION
 Driller's Name **George F. Easterday** License No. **40**
 Firm Name **L. Franklin Easterday, Inc.**
 Address **9265 Brown Church Rd., Mt. Airy, Md. 22771**
 Signature *George F. Easterday* Date **5/4/89**



GOLDEN OAK DR NEAR WHAT ROAD
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
400 DISTANCE FROM ROAD
 ENTER FT OR MI **FT**

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)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
Howard COUNTY NAME
A30587 COUNTY NO.
 STATE SIGNATURE _____ DATE ISSUED _____
051689 CO SIGNATURE *Craig Wilton* EXP. DATE **11/16/89**
 NORTH GRID **527000** EAST GRID **0813000**

APPROXIMATE DEPTH OF WELL **200** FEET

APPROXIMATE DIAMETER OF WELL **6** INCH

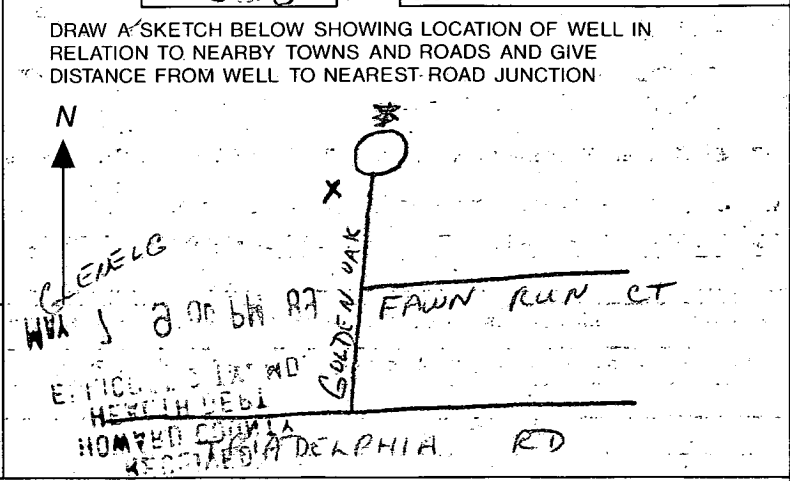
METHOD OF DRILLING (circle one)
 BORED (or Augered) JETTED Jetted & DRIVEN
 AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary)
 CABLE REVerse-ROTary Drive-POINT
 other _____

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

 E 810 3
 N 520 7

*6/28/89 NO MR
 7/28/89 INSP
 OW*

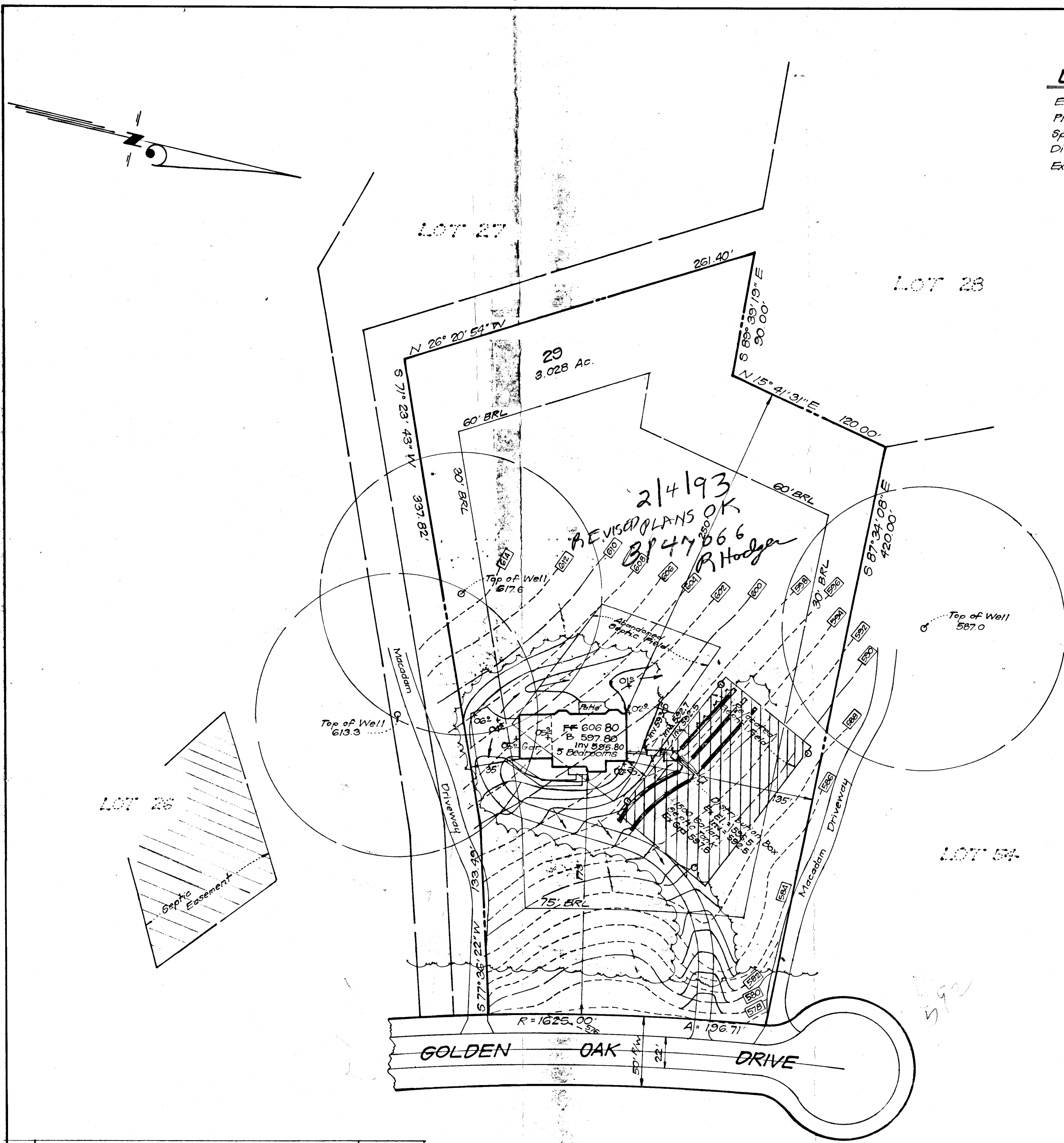
REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)
 THIS WELL WILL NOT REPLACE AN EXISTING WELL
 THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
 THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY
 THIS WELL WILL DEEPEM AN EXISTING WELL
 PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) _____



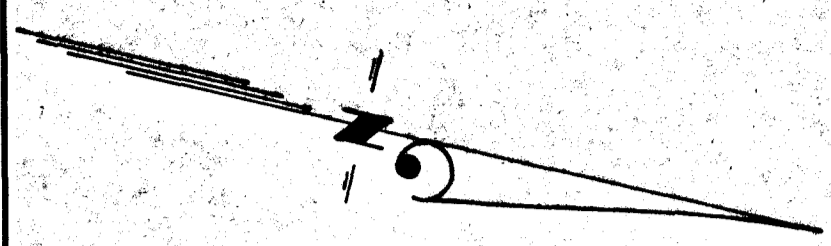
Not to be filled in by driller (OEP USE ONLY)
 APPROP. PERMIT NUMBER **11140 GAP**
 FORCE **CG** HEALTH DEPT PERMIT No. **40-88-0616**

SPECIAL CONDITIONS

L
E
Pr
Sp
Dir
Ex



2	Added septic trenches & invert elevations as requested by Health Dept.	2-3-93
1.	Regraded to reduce water flow from septic easement as per Health Dept. comments	1-20-93

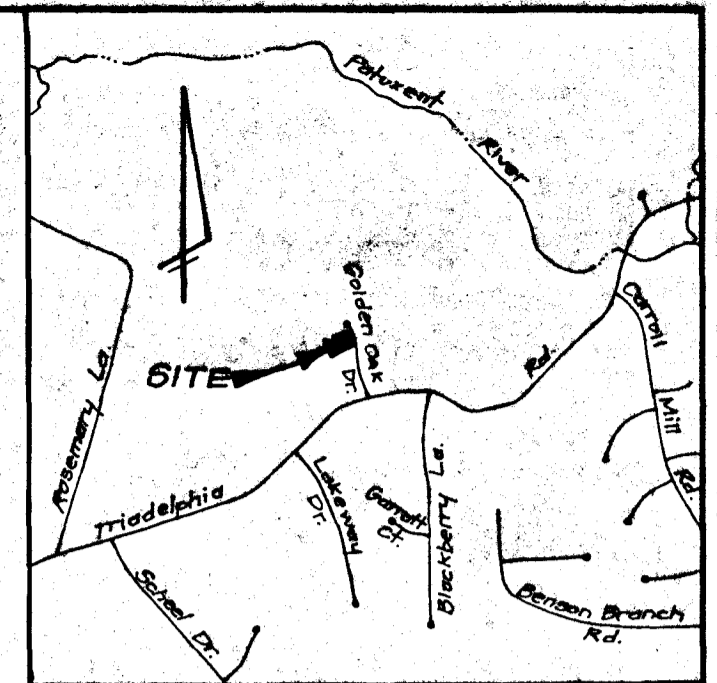


LEGEND

Existing Contour 610

Existing Trees 610

Existing Spot Elevation 595.8

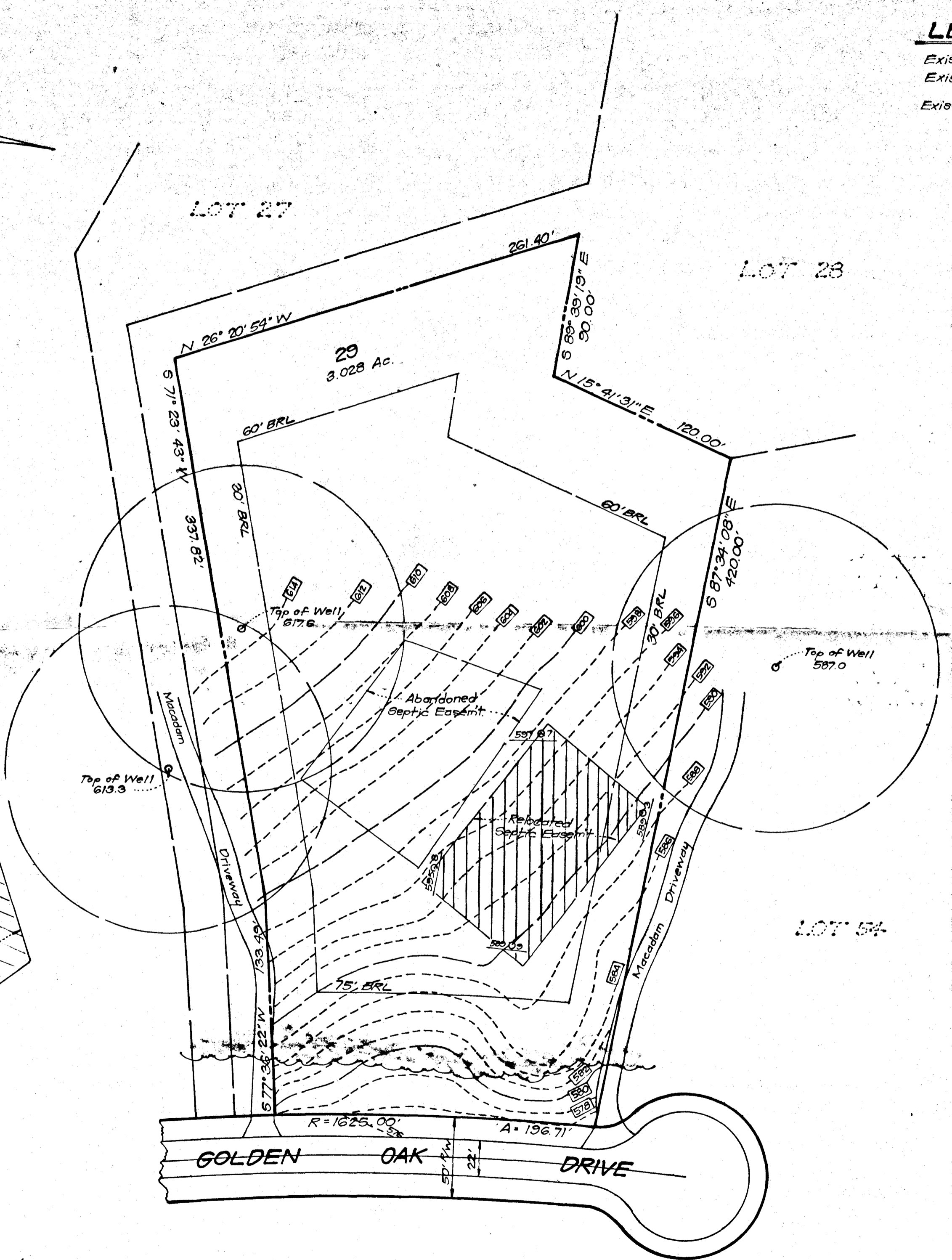


VICINITY MAP
Scale: 1" = 2000'

- GENERAL NOTES**
1. Topography was field run by CLARK-FINEFROCK & SACKETT, INC. on Nov. 18, 1992.
 2. The new perc hole locations were located by CLARK-FINEFROCK & SACKETT, INC. on Dec. 29, 1992.
 3. All existing wells and septic within 100' of the property line boundaries have been shown.
 4. Length of trenches to be determined at time of permit issuance.
 5. Reference Plat Number 7737.

SPECIAL NOTE

The lot shown hereon complies with the minimum ownership width and lot area as required by the Maryland State Dept. of the Environment. This symbol designates a private sewage easement of at least 10,000 sq. ft. as required by the Md. State Dept. of the Environment 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 this building site. This easement shall become null and void upon connection to public sewage system. All percolation test holes shown hereon have been field located by Clark-Finefrock & Sackett, Inc. on Dec. 29, 1992 and shown thus:



APPROVED:

For private water and private sewer systems,
Howard County Health Department.

Joyce M. Boyd Mays, F.S. 1-14-93
Howard County Health Officer MRL Date

1. Revised as per Health Dept. Comments 1-12-93

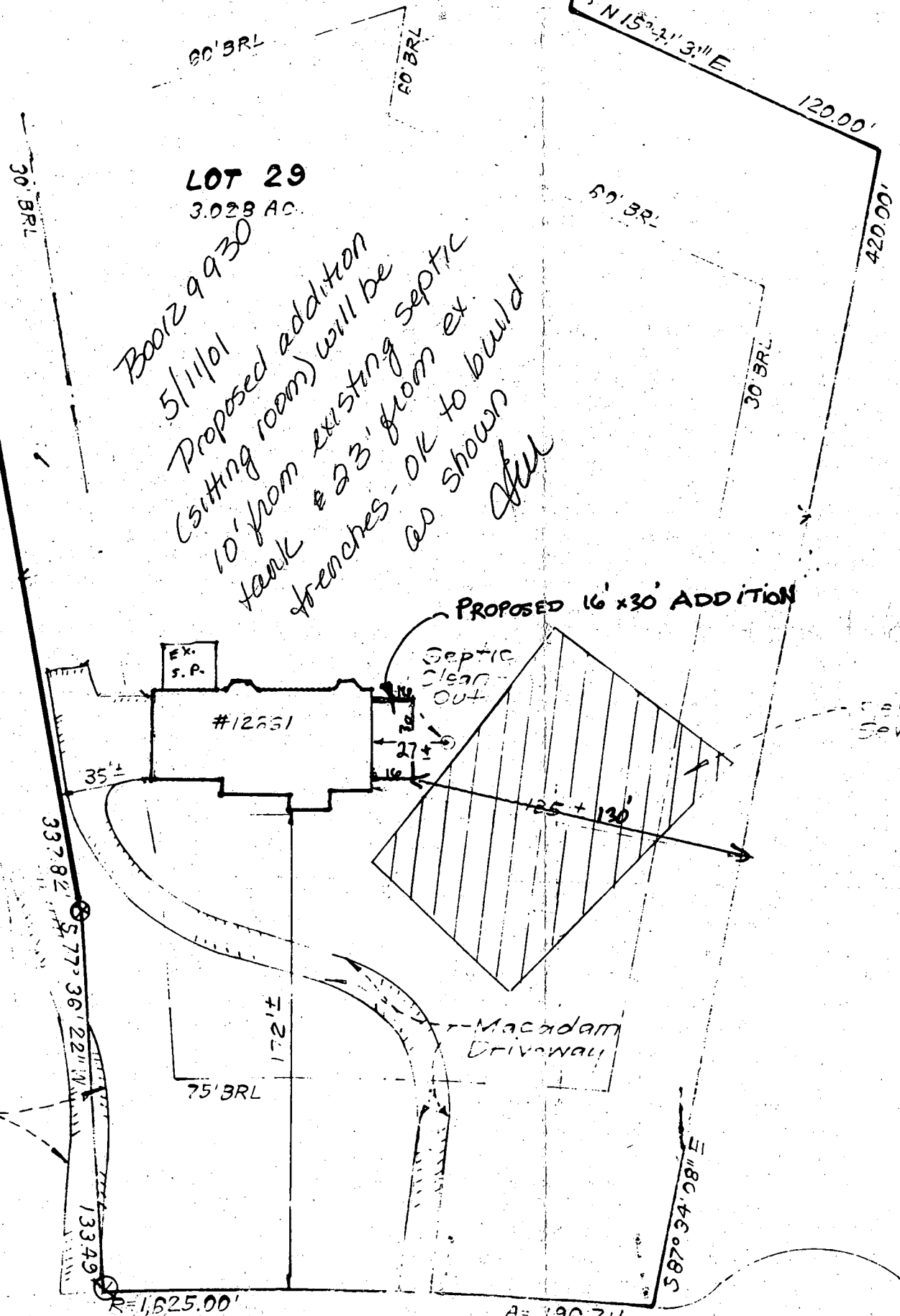
CLARK • FINEFROCK & SACKETT, INC. ENGINEERS • PLANNERS • SURVEYORS 7135 MINSTREL WAY • COLUMBIA, MD 21045 • (410) 381-7500 - BALTO • (410) 621-8100 - WASH		
DESIGNED JME	Signed PERC CERTIFICATION PLAN LOT 29 TRIADELPHIA WOODS SECTION I AREA I 3RD ELECTION DISTRICT HOWARD COUNTY MARYLAND	SCALE 1" = 50'
DRAWN BAL		DRAWING 1 OF 1
CHECKED JME		JOB NO. 92-217
DATE Dec., 1992	FOR: MAGGIO HOMES, INC. 3375 Gerwig Lane Columbia, Md. 21046	FILE NO. 92-217 X

N 26° 20' 54" W
571° 23' 43" W

589° 39' 19" E
N 15° 41' 3" E
120.00'
420.00'

LOT 29
3.028 AC.

Boor 29930
5/1/01
Proposed addition
(sitting room) will be
10' from existing septic
tank & 23' from ex.
frenches - OK to build
as shown
AJL



Macadam Driveway

R=1,625.00'

A=196.71'