

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

03-312585

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

461-9933

INDEXED

DATE SYSTEM APPROVED

INSPECTOR

DISTRICT 3rd

DATE

A 38476

P 46949

House connection REQ'D.

File

Construction Trade Services

IS PERMITTED TO INSTALL ☒ ALTER

ADDRESS

PHONE 301-253-4624

SUBDIVISION Triadelphia Woods

LOT 27

ROAD 12649 Golden Oak Drive

PROPERTY OWNER

Ladnor Scott

ADDRESS

SEPTIC TANK CAPACITY 1750 GALLONS

NUMBER OF BEDROOMS 6

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 270

TRENCHES - Trench to be 2 feet wide. Inlet 3.5 feet below original grade. Bottom maximum depth 7.5 feet below original grade. Effective area begins at 3.5 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Place the distribution box 125 feet down the right (510') lot line and 125 feet off the same lot line as seen when facing the lot from Golden Oak Drive. Run first two trenches on contour toward the right lot line; additional trenches in both directions. MAINTAIN AT LEAST 100 FEET FROM THE WELL TO SEPTIC TANK AND TRENCHES, AND AT LEAST 20 FEET FROM ALL BUILDINGS TO TRENCHES.

NOTE - 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

Mark Rifkin

jr Revised

DATE 3/27/91

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

BLDG. PERMIT SIGNED

PERMIT VOID AFTER TWO YEARS

AND RETURNED

Serial # 39220 Per.

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

HD-260(6-90)

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.

A 38476

APPLICATION

PERCOLATION TESTING

A 38476

P _____

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

DISTRICT 3

DATE 10/20/86

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 ~~Patuxent Land Co., Inc.~~ Richard Demmitt

ADDRESS _____ PHONE 531-5539

PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Triadelphia Woods LOT NO. LOT 27 Prelim 9/24 6/29

ROAD AND DESCRIPTION Triadelphia Rd on right 1/2 mile west of Carroll Mill Rd S2649 Golden Oak Drive

TAX MAP 22 PARCEL # 528

SIZE OF LOT 3+ Acre 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.

Richard Demmitt
(SIGNATURE OF APPLICANT)

APPROVED BY Sid Abel FOR Deep Trenches DATE 5-16-88

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

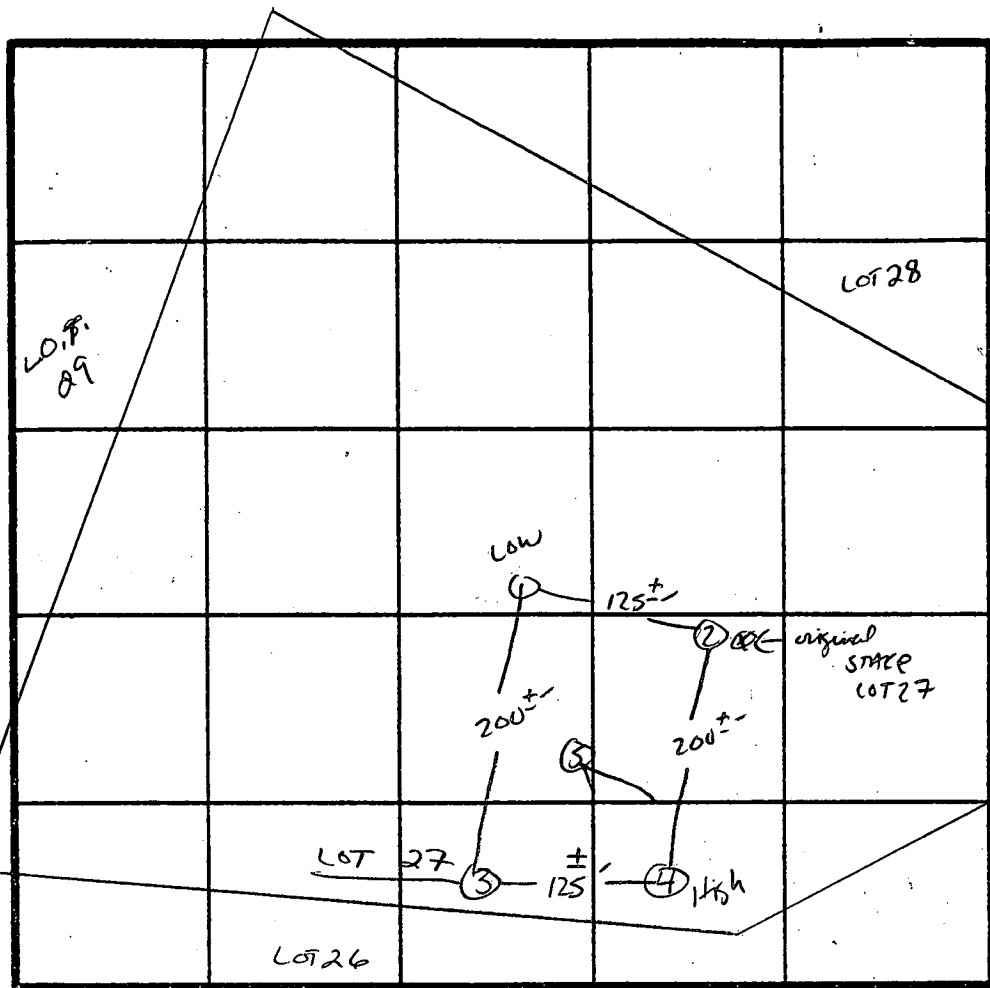
REASONS FOR REJECTION OR HOLDING 2-11-87 Perc Satisfactory, Used for Subdivision Plat S. Abel

BLDG. PERMIT SIGNED
AND RETURNED 1/6/91
Serial # 36288 - SFD

BLDG. PERMIT SIGNED
AND RETURNED 8/2/89
Serial # 25357
SFD - 3 Bedroom

THIS IS NOT A PERMIT

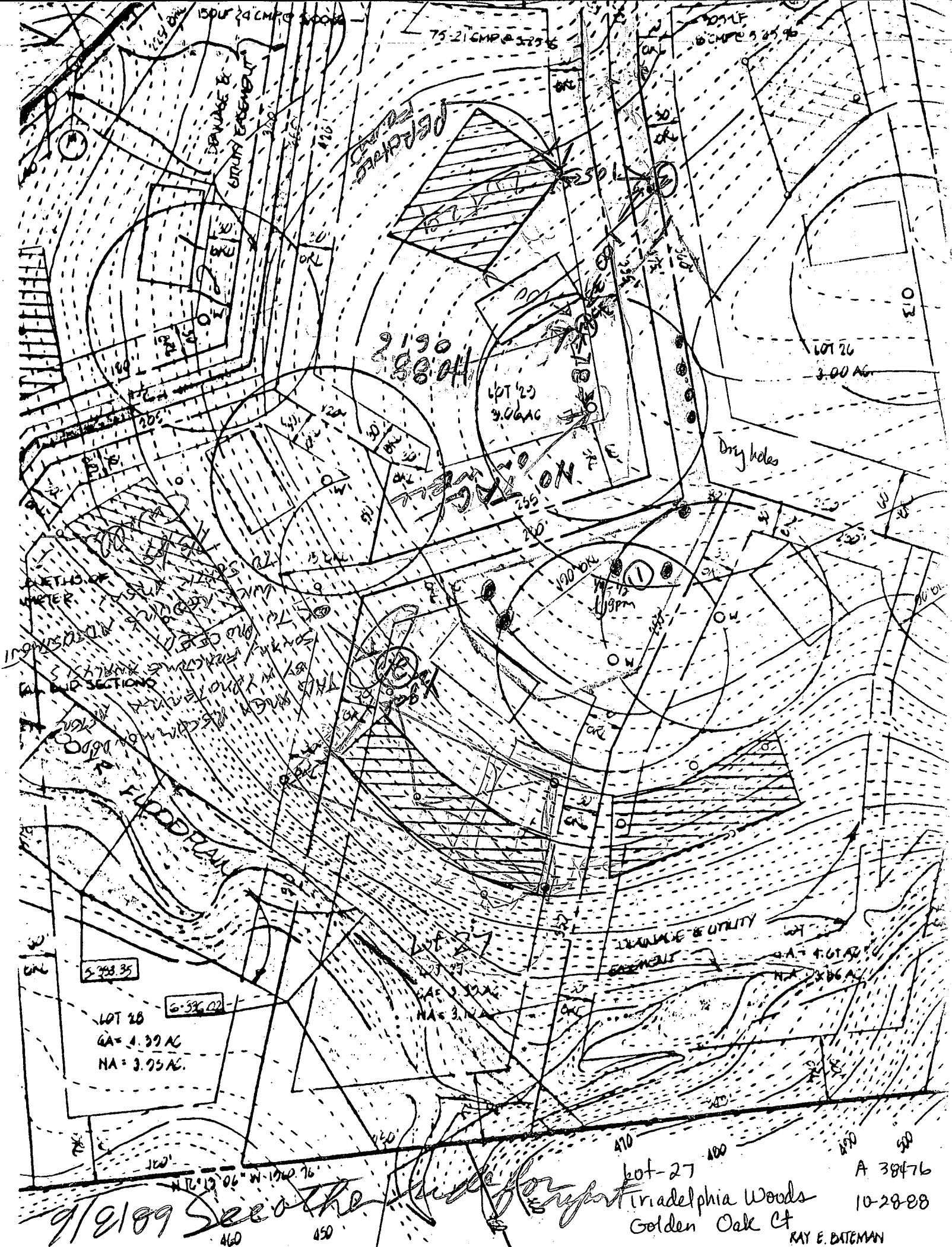
③ ④ ⑤
 SOIL PROFILE
 0'
 4" A1-3
 yellow br
 silty loam
 9-12% clay
 10% frags
 3.5-4" yellow br /
 tan silty
 sand loam
 25-30%
 fragments
 highly
 micaceous
 12-13"
 L.O.S.



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.
 V TRIADOLPHIA Rd.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
	1 S	3.5'	10:49	10:52	10:52	10:57	5 min
	1 V	12' uniform soil below			3 ft		
	2 S	4'	10:55	10:57	10:57	11:03	6 min
	2 V	12.5' uniform soil below			4'		
	3 S	3.5'	10:42	10:43	10:43	10:45	2 min
	3 V	12.5' uniform soil below			3.5'		
	4 S	4'	10:33	10:35	10:35	10:41	6 min
	4 M	8.5'	10:32	10:34	10:34	10:37	3 min
	4 V	13' uniform soil below			4'		
	5 V	12.5' uniform soil below			3.5'		

REMARKS HOLES DIFF THAN RAT
 TYPE OF SOIL MANOR
 TESTED BY S. Abel ALSO PRESENT CRISS; Neil; Jim, RICHARD



9/8/89 See the *Philadelphia Woods* report
Philadelphia Woods
Golden Oak Ct
RAY E. BATEMAN
A 38476
10-28-88

9/8/29

VIST SITE Talked with Easley &
Demit See other side. Look for ①②③

- ① is a well with $\frac{1}{2}$ gal per minute
- ② is a recently dug well with $\frac{1}{2}$ gal/min
- ③ is the proposed well which I put
the green stake on
It is squeezed in the R/W pipestem
for Lot 27 It is 105 ft from
the perc hole on Lot 29
It is 100 ft from Well H0880616
located on lot 29

Lot 29 has 2 wells, H0880616 with
-producer 3 gpm & an intake
well which is dug were originally
proposed producing $\frac{1}{2}$ gal/min

Well ② on lot 27 interferes with
part of the sewage disposal
Easement on lot 27 Hopefully
Well ② will not have to be
used if sufficient water is obtained
from proposed Well #③

B

95

SEQUENCE NO.
(DP USE ONLY)STATE OF MARYLAND
PERMIT TO DRILL WELL

STATE PERMIT NUMBER

40-81-2748

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

please print or type

fill in this form completely

Date Received (APA)

092788

OWNER INFORMATION

RCM CORPORAION

15 Last Name Owner First Name 34

5521-201K K4WE

36 Street or RFD 55

COLUMBIA TOWN 70 State 72 Zip 76

DRILLER INFORMATION

Driller's Name 238

Firm Name 77 License No. 80

5512 Ridge Rd. Mt. Airy, Md. 21771

Address

Signature 4/19/88 Date

Signature

Signature

Signature

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B 3

LOCATION OF WELL

HOWARD

8 COUNTY 21

FRIADOLPHIA WOODS

23 SUBDIVISION 42

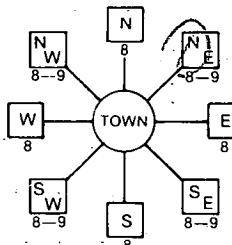
SECTION 44 46 LOT 27 48 50

GLENELG

52 NEAREST TOWN 71

MILES FROM TOWN (enter 0 if in town) 2 1/2 73 76 77 78

B 4

DIRECTION OF WELL FROM
TOWN (CIRCLE BOX)

Balden oak Drive

11 NEAR WHAT ROAD 30

ON WHICH SIDE OF ROAD
(CIRCLE APPROPRIATE BOX)34 625 37
DISTANCE FROM ROAD

ENTER FT or MI 38 39

NOT TO BE FILLED IN BY DRILLER
HEALTH DEPARTMENT APPROVAL

Howard A. 38476

COUNTY NAME COUNTY NO.

STATE SIGNATURE INSERT S 41

DATE ISSUED

051688 43 48 CO SIGNATURE 11-15-88 EXP. DATE

NORTH GRID 527 0 0 0 50 55 EAST GRID 0813 0 0 0 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 HEALTH DEPARTMENT APPROVAL)
- ☐ TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

APPROXIMATE DEPTH OF WELL 300 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

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 DEEPEMED AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED
(IF AVAILABLE) 41

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

APPROP. PERMIT NUMBER 54 G A P 63

FORCE 54 WRITE INITIALS PERMIT NO. 40-81-2748 67 68 IN BOX 70 71 72 73 74 75 76 77 78 79

SPECIAL CONDITIONS

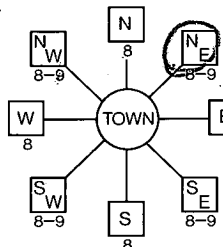

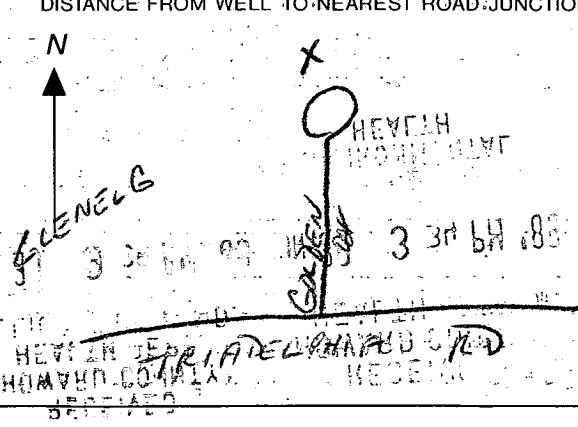
COUNTY

C1 2338		SEQUENCE NO. (DENV 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.			
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)								COUNTY NUMBER A-38476			
DATE Received		DATE WELL COMPLETED		Depth of Well TAB RETURNED 4650' (16)				PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-88-0456			
OWNER Sanitt		last name Sanitt		first name Richard				TOWN Glenn Dale			
STREET OR RFD		SUBDIVISION Trinity		SECTION 27				LOT 27			
WELL LOG Not required for driven wells.				GROUTING RECORD				C 3			
STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING				WELL HAS BEEN GROUTED (Circle Appropriate Box) Y				PUMPING TEST			
DESCRIPTION (Use additional sheets if needed)				TYPE OF GROUTING MATERIAL				HOURS PUMPED (nearest hour)			
CEMENT CM BENTONITE CLAY BC				NO. OF BAGS NO. OF POUNDS				PUMPING RATE (gal. per min. to nearest gal.)			
GALLONS OF WATER				DEPTH OF GROUT SEAL (to nearest foot)				METHOD USED TO MEASURE PUMPING RATE			
from 48 52 ft. to 54 58 ft.				(enter 0 if from surface)				WATER LEVEL (distance from land surface)			
SANDSTONE				Casing types insert appropriate code below				BEFORE PUMPING			
GRAY MICA				STEEL ST CONCRETE CO				WHEN PUMPING			
ROCK				PLASTIC PL OTHER OT				TYPE OF PUMP USED (for test)			
15 day weeks				MAIN CASING TYPE				A air P piston T turbine			
340, 500, 200, 200, 160				Nominal diameter top (main) casing (nearest inch)				C centrifugal R rotary O other (describe below)			
280, 200, 200, 200, 200				Total depth of main casing (nearest foot)				J jet S submersible			
300, 360, 240, 180, 200				OTHER CASING (if used)				PUMP INSTALLED			
Filled in with Cement & Drilling Materials				diameter inch depth (feet) from to				DRILLER WILL INSTALL PUMP YES NO			
CIRCLE APPROPRIATE LETTER				SCREEN RECORD				IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE			
A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED				STEEL ST BRASS BR OPEN HOLE HO				TYPE OF PUMP INSTALLED			
E ELECTRIC LOG OBTAINED				PLASTIC PL OTHER OT				PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE			
P TEST WELL CONVERTED TO PRODUCTION WELL				DEPTH (nearest ft.)				CAPACITY: GALLONS PER MINUTE (to nearest gallon)			
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.				SLOT SIZE 1 2 3				PUMP HORSE POWER			
DRILLERS IDENT. NO. 238				DIAMETER OF SCREEN (NEAREST INCH)				PUMP COLUMN LENGTH (nearest ft.)			
DRILLERS SIGNATURE Richard L. Magnus				GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68				CASING HEIGHT (circle appropriate box and enter casing height)			
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)				OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)				LAND SURFACE (nearest foot)			
				TELESCOPE CASING LOG INDICATOR OTHER DATA				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)			
								See attached well locations			

DRY WELLS

Lot 27

TRIADelphia
WOODS

B 1 2262	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 H0-88-0916 <small>fill in this form completely</small>
OWNER INFORMATION Date Received (APA) 070389 <div style="border: 1px solid black; padding: 2px;"> PATUXENT LAND CO <small>15 Last Name Owner First Name 34</small> POB 208 <small>36 Street or RFD 55</small> CLARKSVILLE MD 21029 <small>57 Town 70 State 72 Zip 76</small> </div>		LOCATION OF WELL <div style="border: 1px solid black; padding: 2px;"> HOWARD <small>8 COUNTY 21</small> TRIAD DELPHIA WOODS <small>23 SUBDIVISION 42</small> SECTION 44 46 LOT 27 <small>48 50</small> GLENELG <small>52 NEAREST TOWN 71</small> MILES FROM TOWN (enter 0 if in town) 3 M I <small>73 76 77 78</small> </div>	
DRILLER INFORMATION Driller's Name George F. Easterday L. Franklin Easterday, Inc. Firm Name 9265 Brown Church Rd., Mt. Airy, Md. 21771 Address Signature George F. Easterday Date 6/29/89 <small>77 License No. 80</small>		DIRECTION OF WELL FROM TOWN (CIRCLE BOX) 	
WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN.) 5 0 0 0 <small>8 12</small> AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500 0 0 0 <small>14 20</small>		NEAR WHAT ROAD GOLDEN OAK DR <small>11 30</small> ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  DISTANCE FROM ROAD 300 0 0 0 <small>34 37</small> ENTER-FT or MI F 7 <small>38 39</small>	
USE FOR WATER (CIRCLE APPROPRIATE BOX) <input checked="" type="checkbox"/> HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY) <input type="checkbox"/> FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) <input type="checkbox"/> INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT) <input type="checkbox"/> PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL) <input type="checkbox"/> TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)		NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL <div style="border: 1px solid black; padding: 5px; text-align: center;"> Howard COUNTY NAME STATE SIGNATURE Craig Williams DATE ISSUED 11/19/90 <small>43 48 CO SIGNATURE EXP. DATE</small> NORTH GRID 527000 00 00 00 <small>50 55 57 63</small> EAST GRID 081300 00 00 00 <small>57 63</small> </div>	
APPROXIMATE DEPTH OF WELL 200 0 0 FEET <small>24 28</small> APPROXIMATE DIAMETER OF WELL 6 INCH <small>NEAREST INCH</small>		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 <div style="border: 1px solid black; padding: 5px; text-align: center;"> 810 3 520 7 </div>	
METHOD OF DRILLING (circle one) BORED (or Augered) <input checked="" type="checkbox"/> JETTED <input type="checkbox"/> Jetted & DRIVEN AIR-ROTARY <input checked="" type="checkbox"/> AIR-PERCussion <input type="checkbox"/> ROTARY (Hydraulic Rotary) CABLE <input type="checkbox"/> REVERSE-ROTARY <input type="checkbox"/> Drive-POINT other _____		DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION. 	
REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX) <input checked="" type="checkbox"/> THIS WELL WILL NOT REPLACE AN EXISTING WELL <input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED <input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY <input type="checkbox"/> THIS WELL WILL DEEPEMED AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 0 0 0 0 0 0 0 0 0 0 <small>41 52</small>		Not to be filled in by driller. (OEP USE ONLY) APPROP. PERMIT NUMBER G A P 0 0 0 0 0 0 0 0 <small>54 63</small> FORCE C D WRITE INITIALS IN BOX H 0 8 8 0 9 1 6 <small>67 68 70 71 72 73 74 75 76 77 78 79</small>	
SPECIAL CONDITIONS			

C 1040

SEQUENCE NO.
(DENV 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
A38478

ST/CQ USE ONLY
DATE Received
4-7-89

DATE WELL COMPLETED
09-21-89

Depth of Well
400
(TO NEAREST FOOT)

PERMIT NO.
FROM "PERMIT TO DRILL WELL"
A-80-0916

OWNER Baltimore Land Co
STREET OR RFD last name Golden Oak Dr first name first name TOWN Cleary
SUBDIVISION Trafford SECTION 27 LOT 27

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	
Br Shale	2	20	
Tan Mica	20	40	
Gray Mica	40	49	
Br Mica	49	50	
Gray Mica	50	61	
Br Mica	61	63	
Gray Mica	63	77	
Br Mica	77	80	
Gray Mica	80	400	

NOTE: 8.572 PM

GROUTING RECORD
WELL HAS BEEN GROUTED
(Circle Appropriate Box)
TYPE OF GROUTING MATERIAL
CEMENT CM BENTONITE CLAY BC
NO. OF BAGS 110 NO. OF POUNDS 1600
GALLONS OF WATER 80
DEPTH OF GROUT SEAL (to nearest foot)
from 0 ft. to 21 ft.
(enter 0 if from surface)

CASING RECORD
casing types insert appropriate code below
ST CO
STEEL CONCRETE
PL OT
PLASTIC OTHER
MAIN CASING TYPE Nominal diameter top (main) casing (nearest inch) Total depth of main casing (nearest foot)
ST 1 310
OTHER CASING (if used) diameter inch depth (feet) from to

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

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

DEPTH (nearest ft.)
EACH SCREEN
1 HO 28 400
2 23 24 26 30 32 36
3 38 39 41 45 47 51
SLOT SIZE 1 2 3
DIAMETER OF SCREEN (NEAREST INCH)
from to

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

OEP USE ONLY
(NOT TO BE FILLED IN BY DRILLER)
T (E.R.O.S.) W Q
70 72 74 75 76
TELESCOPE LOG OTHER DATA
CASING INDICATOR

PUMPING TEST
HOURS PUMPED (nearest hour) 6
PUMPING RATE (gal. per min. to nearest gal.) 9
METHOD USED TO MEASURE PUMPING RATE Bucket
WATER LEVEL (distance from land surface)
BEFORE PUMPING 29
WHEN PUMPING 163
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 YES (NO)
IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE
TYPE OF PUMP INSTALLED
PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE:
CAPACITY: GALLONS PER MINUTE (to nearest gallon)
PUMP HORSE POWER
PUMP COLUMN LENGTH (nearest ft.)
CASING HEIGHT (circle appropriate box and enter casing height)
above } LAND SURFACE
below } (nearest foot)

LOCATION OF WELL ON LOT
SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)

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 IDENT. NO. 40
DRILLERS SIGNATURE John C. [Signature]
(MUST MATCH SIGNATURE ON APPLICATION)
SITE SUPERVISOR (sign of driller or journeyman responsible for sitework if different from permittee)

9-12-89 8:00 Test for 6 hrs.
Review _____

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 88-0916
Location of property (road) GOLDEN OAK DR
Subdivision TRIADAPHIA WOODS Lot 27 Block _____ Plat _____ Sec. _____
Well Driller Phonology Owner Patungent

Depth of well 400 7?
Distance of measuring point (M.P.) above ground 2 FT.
Static water level (S.W.L.) below M.P. 39 FT.

I. High rate pumping -- reservoir drawdown

Time pump started 8:30 Pumping rate 10 GPM
Total time 0 to reach pumping water level _____ 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 5 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
8:30	54'	6 Sec		6.0 GPM
8:45	55'	6 Sec		6.0 GPM
9:00	56'	6 Sec		6.0 GPM
9:15	57'	6 Sec		6.0 GPM
9:30	58'	6 Sec		6.0 GPM
9:45	59'	6 Sec		6.0 GPM
10:00	60'	6 Sec		6.0 GPM
10:15	61'	6 Sec		6.0 GPM
10:30	62'	6 Sec		6.0 GPM
10:45	63'	6 Sec		6.0 GPM
11:00	64'	6 Sec		6.0 GPM
11:15	65'	6 Sec		6.0 GPM
11:30	66'	6 Sec		6.0 GPM
11:45	67'	6 Sec		6.0 GPM
12:00	68'	6 Sec		6.0 GPM
12:15	69'	6 Sec		6.0 GPM
12:30	70'	6 Sec		6.0 GPM
12:45	71'	6 Sec		6.0 GPM
1:00	72'	6 Sec		6.0 GPM
1:15	73'	6 Sec		6.0 GPM
1:30	74'	6 Sec		6.0 GPM
1:45	75'	6 Sec		6.0 GPM
2:00	76'	6 Sec		6.0 GPM
2:15	77'	6 Sec		6.0 GPM
2:30	78'	6 Sec		6.0 GPM
2:45	79'	6 Sec		6.0 GPM
3:00	80'	6 Sec		6.0 GPM
3:15	81'	6 Sec		6.0 GPM
3:30	82'	6 Sec		6.0 GPM
3:45	83'	6 Sec		6.0 GPM
4:00	84'	6 Sec		6.0 GPM
4:15	85'	6 Sec		6.0 GPM
4:30	86'	6 Sec		6.0 GPM
4:45	87'	6 Sec		6.0 GPM
5:00	88'	6 Sec		6.0 GPM
5:15	89'	6 Sec		6.0 GPM
5:30	90'	6 Sec		6.0 GPM
5:45	91'	6 Sec		6.0 GPM
6:00	92'	6 Sec		6.0 GPM
6:15	93'	6 Sec		6.0 GPM
6:30	94'	6 Sec		6.0 GPM
6:45	95'	6 Sec		6.0 GPM
7:00	96'	6 Sec		6.0 GPM
7:15	97'	6 Sec		6.0 GPM
7:30	98'	6 Sec		6.0 GPM
7:45	99'	6 Sec		6.0 GPM
8:00	100'	6 Sec		6.0 GPM
8:15	101'	6 Sec		6.0 GPM
8:30	102'	6 Sec		6.0 GPM
8:45	103'	6 Sec		6.0 GPM
9:00	104'	6 Sec		6.0 GPM
9:15	105'	6 Sec		6.0 GPM
9:30	106'	6 Sec		6.0 GPM
9:45	107'	6 Sec		6.0 GPM
10:00	108'	6 Sec		6.0 GPM
10:15	109'	6 Sec		6.0 GPM
10:30	110'	6 Sec		6.0 GPM
10:45	111'	6 Sec		6.0 GPM
11:00	112'	6 Sec		6.0 GPM
11:15	113'	6 Sec		6.0 GPM
11:30	114'	6 Sec		6.0 GPM
11:45	115'	6 Sec		6.0 GPM
12:00	116'	6 Sec		6.0 GPM
12:15	117'	6 Sec		6.0 GPM
12:30	118'	6 Sec		6.0 GPM
12:45	119'	6 Sec		6.0 GPM
1:00	120'	6 Sec		6.0 GPM
1:15	121'	6 Sec		6.0 GPM
1:30	122'	6 Sec		6.0 GPM
1:45	123'	6 Sec		6.0 GPM
2:00	124'	6 Sec		6.0 GPM
2:15	125'	6 Sec		6.0 GPM
2:30	126'	6 Sec		6.0 GPM
2:45	127'	6 Sec		6.0 GPM
3:00	128'	6 Sec		6.0 GPM
3:15	129'	6 Sec		6.0 GPM
3:30	130'	6 Sec		6.0 GPM
3:45	131'	6 Sec		6.0 GPM
4:00	132'	6 Sec		6.0 GPM
4:15	133'	6 Sec		6.0 GPM
4:30	134'	6 Sec		6.0 GPM
4:45	135'	6 Sec		6.0 GPM
5:00	136'	6 Sec		6.0 GPM
5:15	137'	6 Sec		6.0 GPM
5:30	138'	6 Sec		6.0 GPM
5:45	139'	6 Sec		6.0 GPM
6:00	140'	6 Sec		6.0 GPM
6:15	141'	6 Sec		6.0 GPM
6:30	142'	6 Sec		6.0 GPM
6:45	143'	6 Sec		6.0 GPM
7:00	144'	6 Sec		6.0 GPM
7:15	145'	6 Sec		6.0 GPM
7:30	146'	6 Sec		6.0 GPM
7:45	147'	6 Sec		6.0 GPM
8:00	148'	6 Sec		6.0 GPM
8:15	149'	6 Sec		6.0 GPM
8:30	150'	6 Sec		6.0 GPM
8:45	151'	6 Sec		6.0 GPM
9:00	152'	6 Sec		6.0 GPM
9:15	153'	6 Sec		6.0 GPM
9:30	154'	6 Sec		6.0 GPM
9:45	155'	6 Sec		6.0 GPM
10:00	156'	6 Sec		6.0 GPM
10:15	157'	6 Sec		6.0 GPM
10:30	158'	6 Sec		6.0 GPM
10:45	159'	6 Sec		6.0 GPM
11:00	160'	6 Sec		6.0 GPM
11:15	161'	6 Sec		6.0 GPM
11:30	162'	6 Sec		6.0 GPM
11:45	163'	6 Sec		6.0 GPM
12:00	164'	6 Sec		6.0 GPM
12:15	165'	6 Sec		6.0 GPM
12:30	166'	6 Sec		6.0 GPM
12:45	167'	6 Sec		6.0 GPM
1:00	168'	6 Sec		6.0 GPM
1:15	169'	6 Sec		6.0 GPM
1:30	170'	6 Sec		6.0 GPM
1:45	171'	6 Sec		6.0 GPM
2:00	172'	6 Sec		6.0 GPM
2:15	173'	6 Sec		6.0 GPM
2:30	174'	6 Sec		6.0 GPM
2:45	175'	6 Sec		6.0 GPM
3:00	176'	6 Sec		6.0 GPM
3:15	177'	6 Sec		6.0 GPM
3:30	178'	6 Sec		6.0 GPM
3:45	179'	6 Sec		6.0 GPM
4:00	180'	6 Sec		6.0 GPM
4:15	181'	6 Sec		6.0 GPM
4:30	182'	6 Sec		6.0 GPM
4:45	183'	6 Sec		6.0 GPM
5:00	184'	6 Sec		6.0 GPM
5:15	185'	6 Sec		6.0 GPM
5:30	186'	6 Sec		6.0 GPM
5:45	187'	6 Sec		6.0 GPM
6:00	188'	6 Sec		6.0 GPM
6:15	189'	6 Sec		6.0 GPM
6:30	190'	6 Sec		6.0 GPM
6:45	191'	6 Sec		6.0 GPM
7:00	192'	6 Sec		6.0 GPM
7:15	193'	6 Sec		6.0 GPM
7:30	194'	6 Sec		6.0 GPM
7:45	195'	6 Sec		6.0 GPM
8:00	196'	6 Sec		6.0 GPM
8:15	197'	6 Sec		6.0 GPM
8:30	198'	6 Sec		6.0 GPM
8:45	199'	6 Sec		6.0 GPM
9:00	200'	6 Sec		6.0 GPM
9:15	201'	6 Sec		6.0 GPM
9:30	202'	6 Sec		6.0 GPM
9:45	203'	6 Sec		6.0 GPM
10:00	204'	6 Sec		6.0 GPM
10:15	205'	6 Sec		6.0 GPM
10:30	206'	6 Sec		6.0 GPM
10:45	207'	6 Sec		6.0 GPM
11:00	208'	6 Sec		6.0 GPM
11:15	209'	6 Sec		6.0 GPM
11:30	210'	6 Sec		6.0 GPM
11:45	211'	6 Sec		6.0 GPM
12:00	212'	6 Sec		6.0 GPM
12:15	213'	6 Sec		6.0 GPM
12:30	214'	6 Sec		6.0 GPM
12:45	215'	6 Sec		6.0 GPM
1:00	216'	6 Sec		6.0 GPM
1:15	217'	6 Sec		6.0 GPM
1:30	218'	6 Sec		6.0 GPM
1:45	219'	6 Sec		6.0 GPM
2:00	220'	6 Sec		6.0 GPM
2:15	221'	6 Sec		6.0 GPM
2:30	222'	6 Sec		6.0 GPM
2:45	223'	6 Sec		6.0 GPM
3:00	224'	6 Sec		6.0 GPM
3:15	225'	6 Sec		6.0 GPM
3:30	226'	6 Sec		6.0 GPM
3:45	227'	6 Sec		6.0 GPM
4:00	228'	6 Sec		6.0 GPM
4:15	229'	6 Sec		6.0 GPM
4:30	230'	6 Sec		6.0 GPM
4:45	231'	6 Sec		6.0 GPM
5:00	232'	6 Sec		6.0 GPM
5:15	233'	6 Sec		6.0 GPM
5:30	234'	6 Sec		6.0 GPM
5:45	235'	6 Sec		6.0 GPM
6:00	236'	6 Sec		6.0 GPM
6:15	237'	6 Sec		6.0 GPM
6:30	238'	6 Sec		6.0 GPM
6:45	239'	6 Sec		6.0 GPM
7:00	240'	6 Sec		6.0 GPM
7:15	241'	6 Sec		6.0 GPM
7:30	242'	6 Sec		6.0 GPM
7:45	243'	6 Sec		6.0 GPM
8:00	244'	6 Sec		6.0 GPM
8:15	245'	6 Sec		6.0 GPM
8:30	246'	6 Sec		6.0 GPM
8:45	247'	6 Sec		6.0 GPM
9:00	248'	6 Sec		6.0 GPM
9:15	249'	6 Sec		6.0 GPM
9:30	250'	6 Sec		6.0 GPM
9:45	251'	6 Sec		6.0 GPM
10:00	252'	6 Sec		6.0 GPM
10:15	253'	6 Sec		6.0 GPM
10:30	254'	6 Sec		6.0 GPM
10:45	255'	6 Sec		6.0 GPM
11:00	256'	6 Sec		6.0 GPM
11:15	257'	6 Sec		6.0 GPM
11:30	258'	6 Sec		6.0 GPM
11:45	259'	6 Sec		6.0 GPM
12:00	260'	6 Sec		6.0 GPM
12:15	261'	6 Sec		6.0 GPM
12:30	262'	6 Sec		6.0 GPM
12:45	263'	6 Sec		6.0 GPM
1:00	264'	6 Sec		6.0 GPM
1:15	265'	6 Sec		6.0 GPM
1:30	266'	6 Sec		6.0 GPM
1:45	267'	6 Sec		6.0 GPM
2:00	268'	6 Sec		6.0 GPM
2:15	269'	6 Sec		6.0 GPM
2:30	270'	6 Sec		6.0 GPM
2:45	271'	6 Sec		6.0 GPM
3:00	272'	6 Sec		6.0 GPM
3:15	273'	6 Sec		6.0 GPM
3:30	274'	6 Sec		6.0 GPM
3:45	275'	6 Sec		6.0 GPM
4:00	276'	6 Sec		6.0 GPM
4:15	277'	6 Sec		6.0 GPM
4:30	278'	6 Sec		6.0 GPM
4:45	279'	6 Sec		6.0 GPM
5:00	280'	6 Sec		6.0 GPM
5:15	281'	6 Sec		6.0 GPM
5:30	282'	6 Sec		6.0 GPM
5:45	283'	6 Sec		6.0 GPM
6:00	284'	6 Sec		6.0 GPM
6:15	285'	6 Sec		6.0 GPM
6:30	286'	6 Sec		6.0 GPM
6:45	287'	6 Sec		6.0 GPM
7:00	288'	6 Sec		6.0 GPM
7:15	289'	6 Sec		6.0 GPM
7:30	290'	6 Sec		6.0 GPM
7:45	291'	6 Sec		6.0 GPM
8:00	292'	6 Sec		6.0 GPM
8:15	293'	6 Sec		6.0 GPM
8:30	294'	6 Sec		6.0 GPM
8:45	295'	6 Sec		6.0 GPM
9:00	296'	6 Sec		6.0 GPM
9:15	297'	6 Sec		6.0 GPM
9:30	298'	6 Sec		6.0 GPM
9:45	299'	6 Sec		6.0 GPM
10:00	300'	6 Sec		6.0 GPM
10:15	301'	6 Sec		6.0 GPM
10:30	302'	6 Sec		6.0 GPM
10:45	303'	6 Sec		6.0 GPM
11:00	304'	6 Sec		6.0 GPM
11:15	305'	6 Sec		6.0 GPM
11:30	306'	6 Sec		6.0 GPM
11:45	307'	6 Sec		6.0 GPM
12:00	308'	6 Sec		6.0 GPM
12:15	309'	6 Sec		

9/8/89

Tag Destroyed
Permit Void
New Well Drilled
9-21-89 JED

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 # 44810
Date 09/15/89

Name of Installer Dickson PCB & Htg

Telephone 265-2003

License Number #1680

Certified Well Pump Installer ☐ Well Driller ☐ Registered Plumber ☒

Name of Property Owner George Gorringer

Telephone ~~81-2069~~

Subdivision 94th St Lot #

Well Tag # 40

Site Address 350 River Rd 21784

Pump
1. Type
a. Deep well jet ☐
b. Shallow well jet ☐
c. Submersible ☒
2. Make Goulds
3. Model # 7E605422
4. Capacity 7 GPM GPM
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 ☐

Motor
1. Horsepower 1/2
2. RPM
3. Voltage
a. 110 ☐
b. 220 ☒

Pitless Adapter
1. Make Harvard
2. Model # BD-104
3. Depth 3 1/2'

Tank
1. Capacity V-100 30gal
2. Pressure relief valve? yes

Piping
1. Type HD-160
2. Size 1"
3. NSF and/or BOCA Code approved ☒
4. Depth of supply line 4'

Well data
1. Depth 250 ft.
2. Yield 9 GPM
3. Static water level 15 ft.
4. Will water supply be disinfected by installer? yes

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: Fred O. Dinkard

Date: 8/14/89

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

6/5/91 ASAP

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 # 47022
Date 4/29/91

Name of Installer KRIS HATER

Telephone 831-9831

License Number 7920

Certified Well Pump Installer ☐ Well Driller ☐ Registered Plumber ☒

Name of Property Owner LAD SCOTT

Telephone 920-0739

Subdivision Tridaphnia Woods Lot # 27

Well Tag # HD-88-0716

Site Address 12649 Golden Oak Dr

Pump

- Type
 - Deep well jet ☐
 - Shallow well jet ☐
 - Submersible ☒
- Make JACOZZI
- Model # B154168-54
- Capacity 12 GPM
- Pump exceeds well capacity Yes ☐ No ☒
- If Yes, is low pressure cutoff switch installed? Yes ☐ No ☐
- What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors ☐ Cable guards ☒ Other ☐

Motor

- Horsepower 1
- RPM 3740
- Voltage
 - 110 ☐
 - 220 ☒

Pitless Adapter

- Make MATTEWSON
- Model # BL 144
- Depth 42"

Tank

- Capacity 42
- Pressure relief valve? YES

Piping

- Type Poly
- Size 1"
- NSF and/or BOCA Code approved ☐
- Depth of supply line 42

Well data

- Depth 380 ft.
- Yield 12 GPM
- Static water level 60 ft.
- Will water supply be disinfected by installer? YES NO

P.A. OK @ 4' B.G.
550' OF WATER LINE 4-6' B.G.
LINE SLEEVED - - - - - OK MR. 6/5/91
UNDER DRIVEWAY

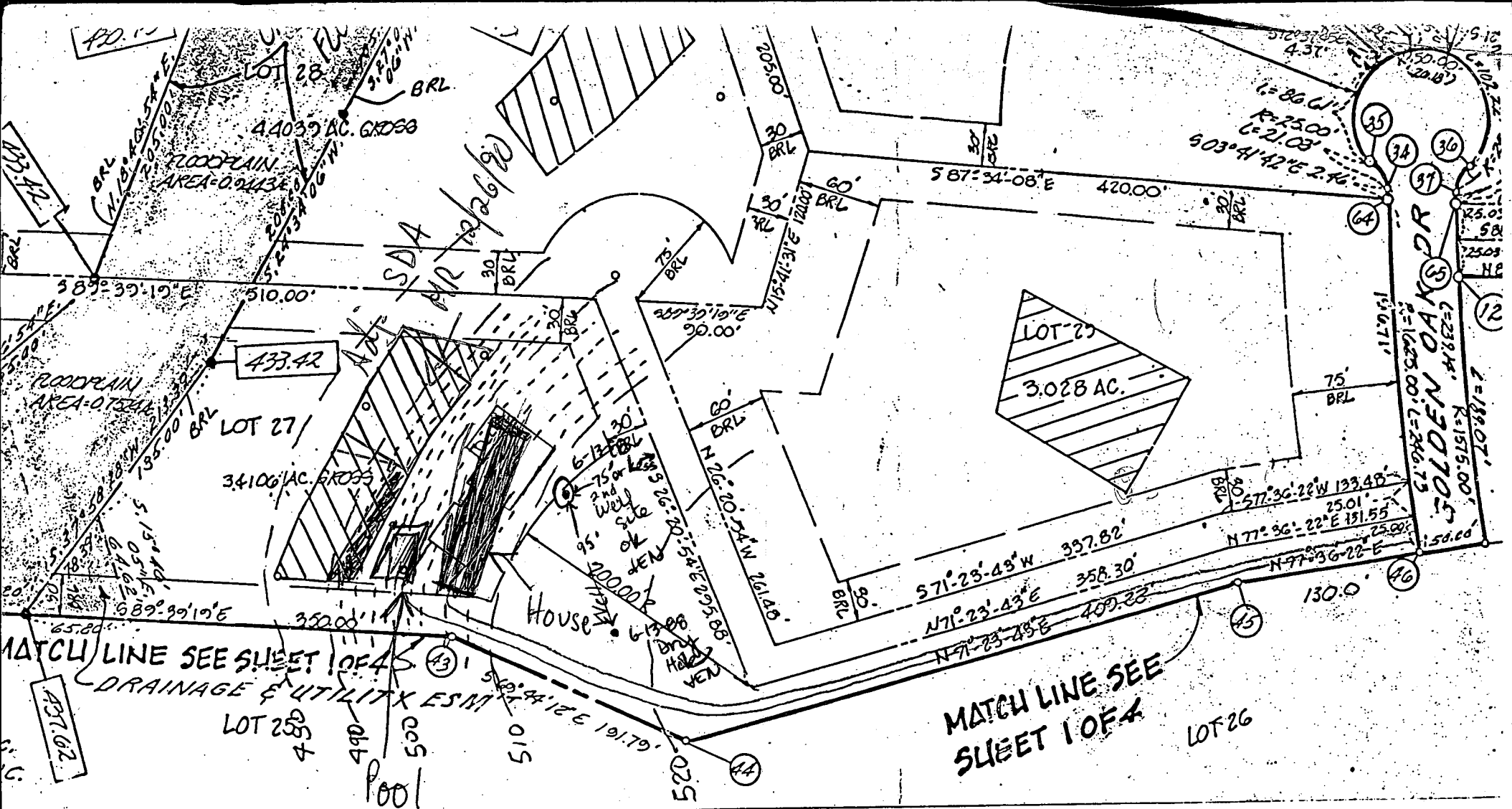
I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

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

Signature of Applicant: [Signature]

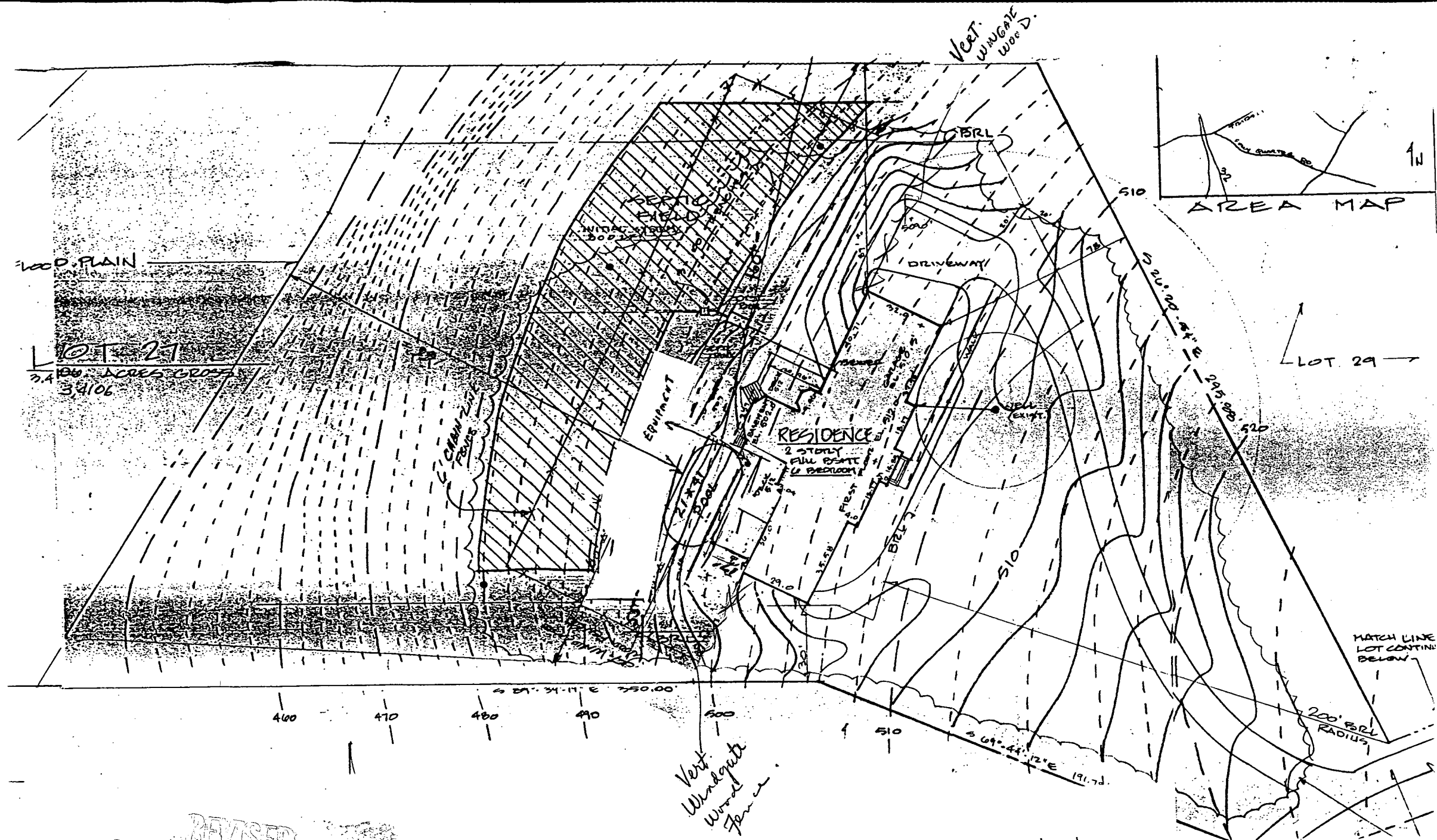
Date: 4/29/91

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



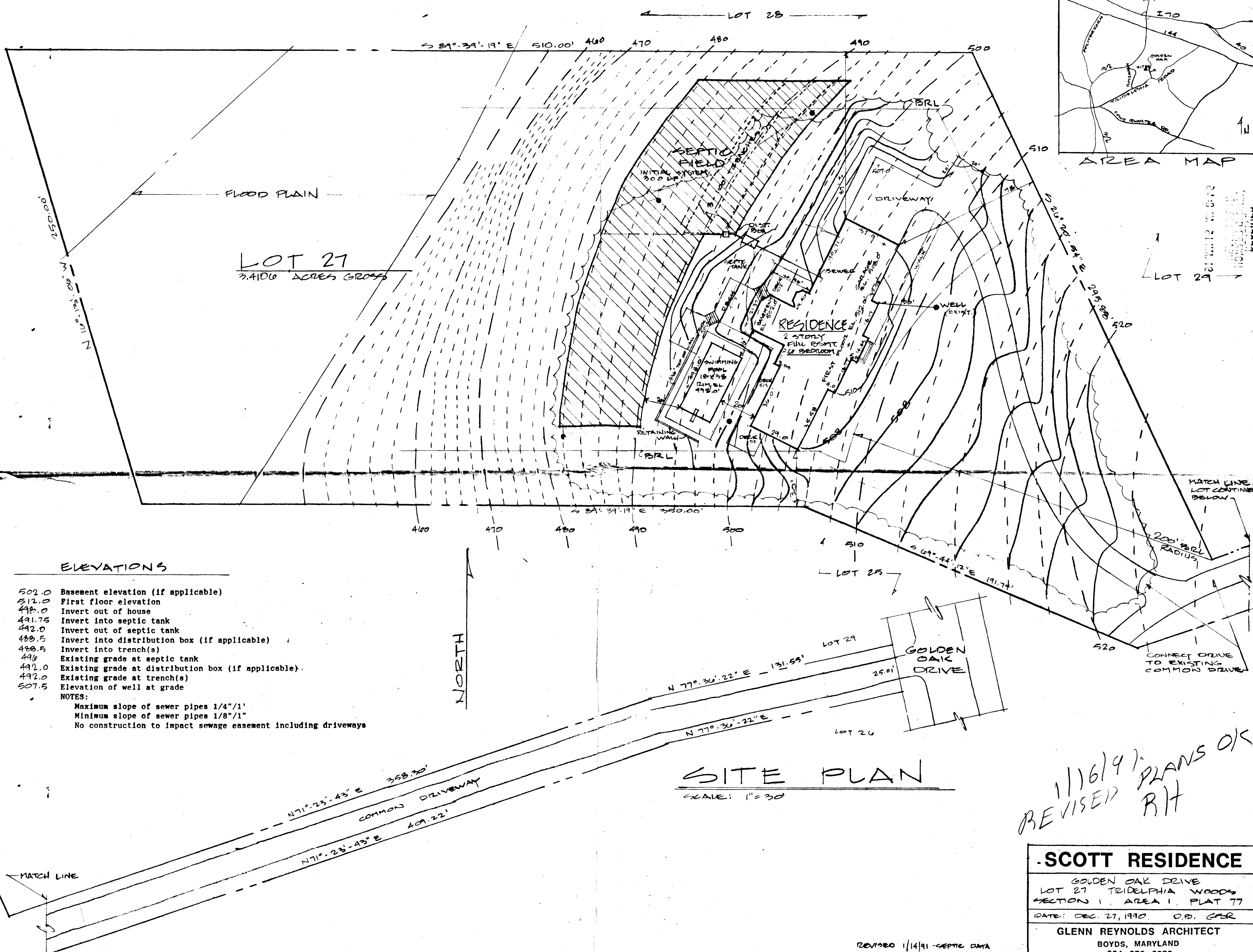
Elev. at Well	517.0
First Floor	510.0
Basement	501.0
Out of House	497.0
Into Tank	494.7
Out of Tank	494.5
Into Field	490.0
Ground at Field	494.0

Lot 27 Triadelphia Woods
 Section 1 Aerial Plat 773 7
 Scale 1"=100'
 RCM Corporation
 5520 Cedar Lane
 Columbia, Maryland 21044
 995-0133



REVISED
 Date: 8/19/91
 Comments: #39222
 Scott
 Permit # 39222

Not To Scale



ELEVATIONS

- 502.0 Basement elevation (if applicable)
- 512.0 First floor elevation
- 498.0 Invert out of house
- 491.75 Invert into septic tank
- 492.0 Invert out of septic tank
- 488.5 Invert into distribution box (if applicable)
- 488.5 Invert into trench(s)
- 496 Existing grade at septic tank
- 492.0 Existing grade at distribution box (if applicable)
- 492.0 Existing grade at trench(s)
- 507.5 Elevation of well at grade

NOTES:

- Maximum slope of sewer pipes 1/4"/1'
- Minimum slope of sewer pipes 1/8"/1'
- No construction to impact sewage easement including driveways

SITE PLAN

SCALE: 1" = 30'

SCOTT RESIDENCE

GOLDEN OAK DRIVE
LOT 27 TRIDELPHIA WOODS
SECTION 1 AREA 1 PLAT 77

DATE: DEC. 27, 1990 O.P. GPR

GLENN REYNOLDS ARCHITECT
BOYDS, MARYLAND
301-972-0070

REVISED 1/14/91 - SEPTIC DATA

11/6/91 PLANS O/S
REVISED R/H