

✓ 3/27/89 AM
3-28-89 am FINAL

03-312658

PERMIT

P 43682

SEWAGE DISPOSAL SYSTEM

A 38482

MARYLAND STATE DEPARTMENT OF HEALTH

DISTRICT 3rd

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

INDEXED

DATE 3/28/89

DATE SYSTEM APPROVED 3/28/89

INSPECTOR M. Riskin

Alan Whitworth Excavating

IS PERMITTED TO INSTALL X ALTER

ADDRESS 12680 Clarksville Pike, Clarksville, Md PHONE 531-5033

SUBDIVISION Triadelphia Woods ROAD 12652 Golden Oak Drive LOT 36

PROPERTY OWNER Coventry Construction

ADDRESS _____

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22%.

3 2
195
4 780
195

GARBAGE GRINDER? YES X NO _____

SEPTIC TANK CAPACITY 2000 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 195 sq. ft. per bedroom with garbage disposal. Trench to be 2 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 7 feet below original grade. Effective area begins at 3 feet below original grade. 4 feet of stone below original grade.

LOCATION - Beginning from the intersect of the left 247' lot line and 248.04' lot line, place the first trench 20 feet up the left (247.00') lot line and 110 feet off the same lot line as seen when facing the lot from Golden Oak Court. Run trenches on contour toward the left lot line.

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

PLANS APPROVED BY Sid Abel DATE 7/07/88

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

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 TRENCHES ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCHES

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 40 PVC OR ABS

PERMIT VOID AFTER TWO YEARS

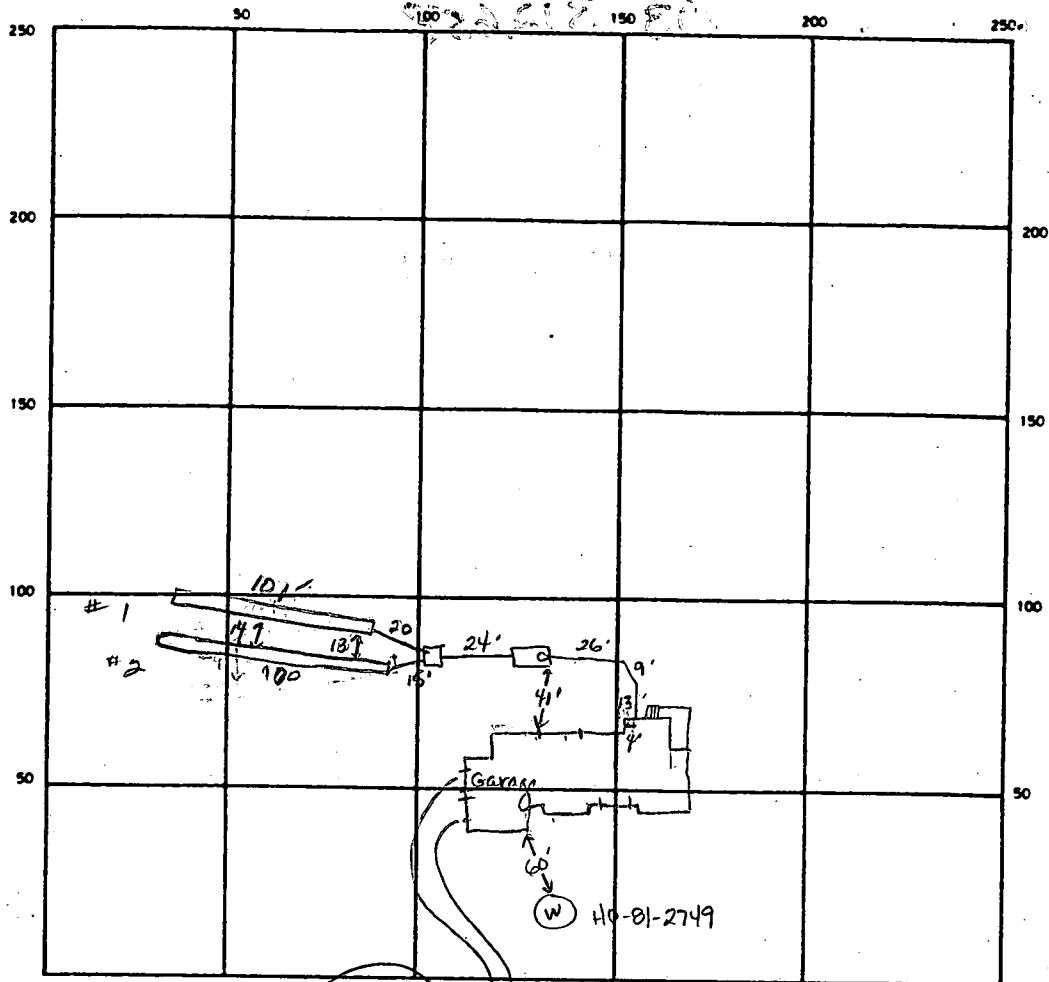
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

A
38482



SEPTIC TANK LEVEL 2000 gal CLEANOUTS 1 on septic tank

DISTRIBUTION BOX LEVEL ok w/ baffle

DRAIN FIELD/TILE FIELD DEPTH 7.75' FT. TRENCH WIDTH 2 FT. INLET DEPTH 3 3/8-3.5 FT.

EFFECTIVE GRAVEL DEPTH 7 1/4' FT. TOTAL LENGTH 101 100 105 FT.

NUMBER OF TRENCHES 2 ~~ONE SIDE~~ / BOTTOM AREA 804 SQ. FT.

DRYWELL INSIDE DIAMETER _____ FT. EFFECTIVE DEPTH BELOW INLET _____ FT.

ABSORBENT AREA _____ SQ. FT.

REMARKS 3-27-89 OK to add stone, pipe & paper to both trenches and cover center if necessary leaving both ends open for inlet inspection. Cement inside of distribution box and outlet of septic tank. VEN

3/28/89 INSIDE OF DB & ST OUTLET OK, TRENCHES NEARLY COMPLETE, OK TO COVER WHEN READY MR

DATE SYSTEM APPROVED 3/28/89 INSPECTOR M. Ristkin

APPLICATION

PERCOLATION TESTING

A 38482

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~~ COVENTRY CONSTRUCTION

ADDRESS _____ PHONE 531-5539

PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Triadelphia Woods LOT NO. LOT 36 Prelim 18 23 6/29

ROAD AND DESCRIPTION Triadelphia Rd on right 1/2 mile west of Carroll Mill Rd 12658 Golden Oak Dr.

TAX MAP 22 PARCEL # 528

SIZE OF LOT 3 1/2 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.

Michael J. Cornsmit
(SIGNATURE OF APPLICANT)

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

REJECTED BY _____ FOR _____ DATE _____

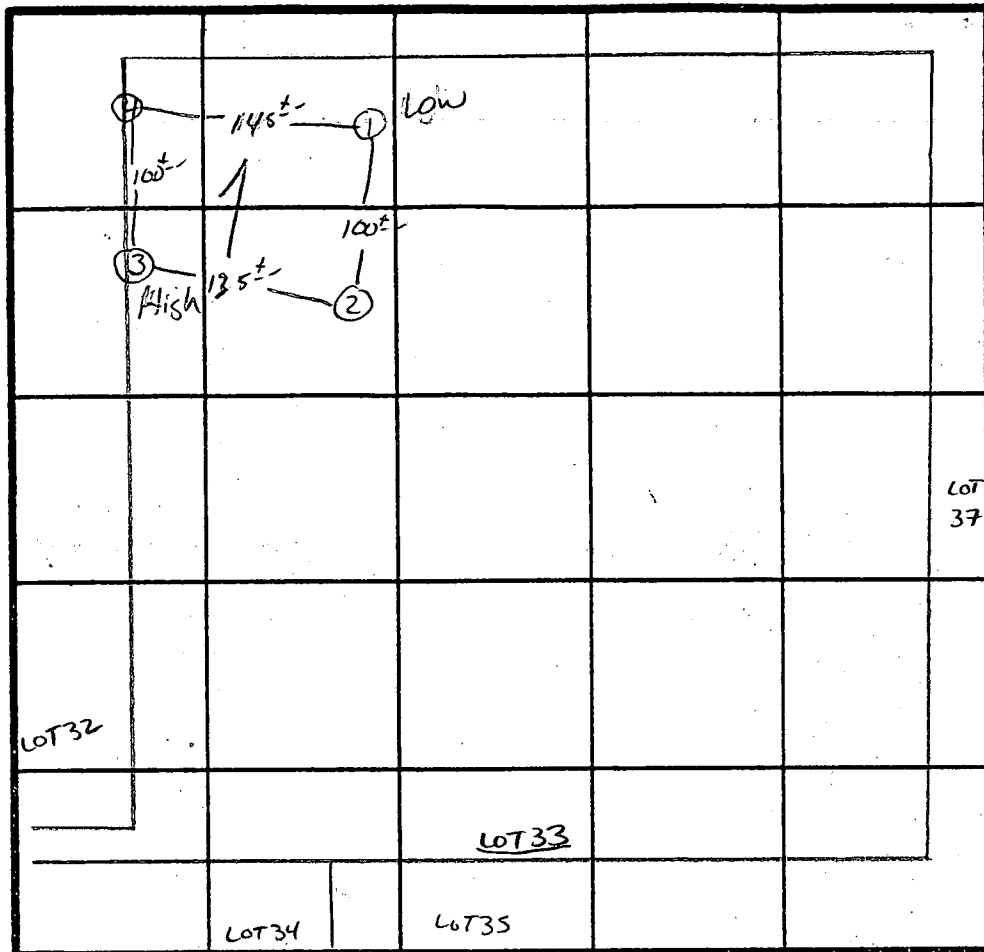
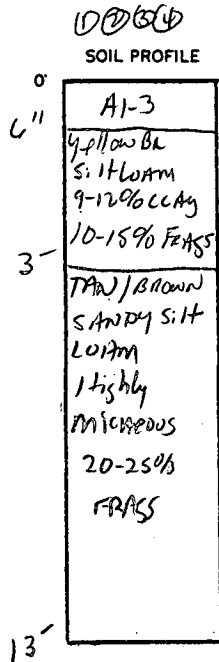
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 2-13-87 Perc Satisfactory, hold for subdivision plat. S. Abel

BLDG. PERMIT SIGNED
AND RETURNED 7-7-88

BP19729 SAL

THIS IS NOT A PERMIT



̄ Per C 4 min
160 φ 1 BR
INLET 3"
BOTTOM

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.
↓ TO TRIADELPHIA Rd.

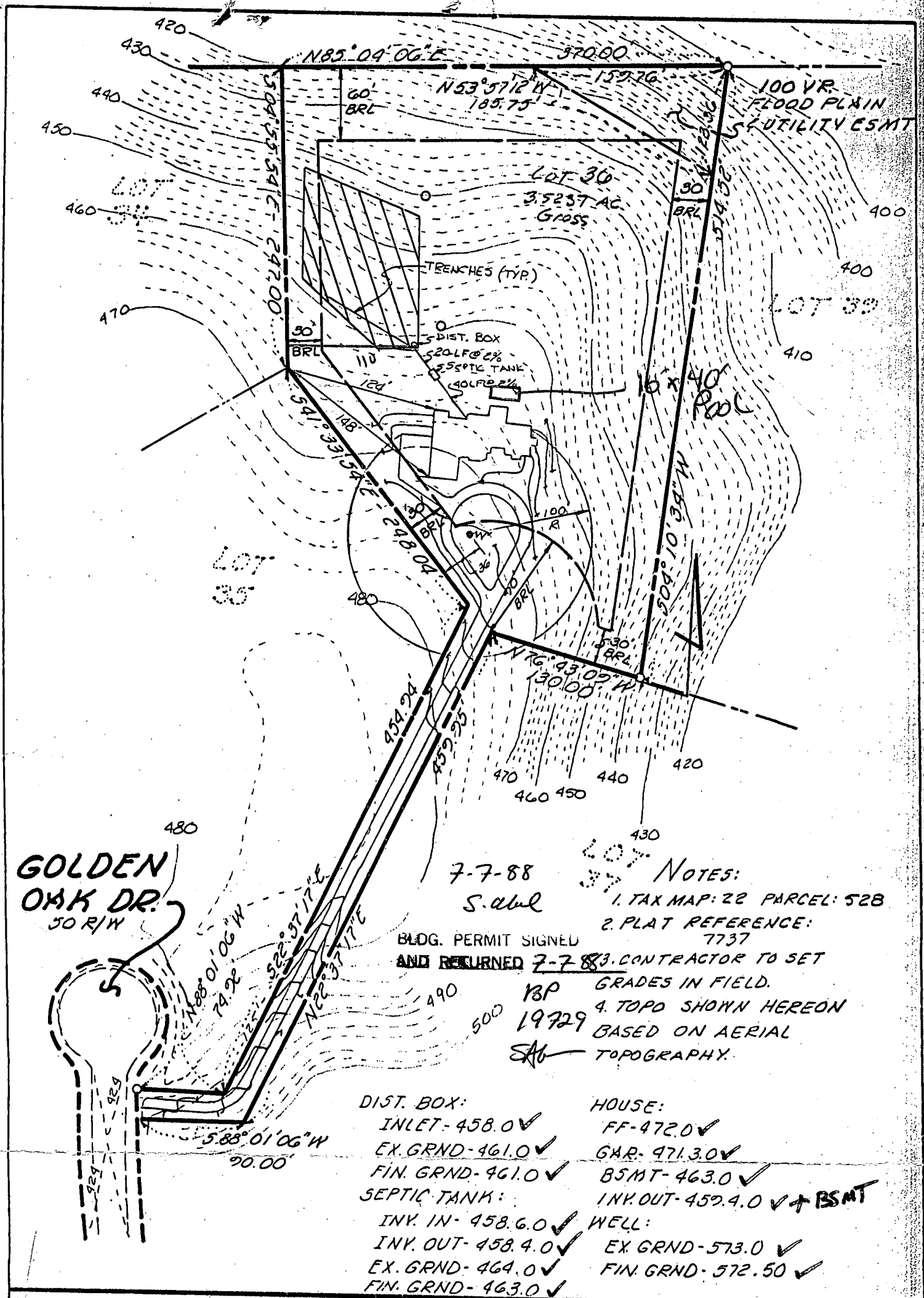
DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
2/13/87	1 S	3.0'	10:49	10:50	10:50	10:53	3 min
	1 V	12.0'	uniform soil below 3'				
	2 V	12.5'	uniform soil below 3'				
	3 S	3'	10:44	10:45	10:45	10:49	4 min
	3 M	7.5'	10:44	10:45	10:45	10:48	3 min
	3 V	13'	uniform soil below 3'				
	4 S	3.5'	10:39	10:40	10:40	10:43	3 min
	4 V	13'	uniform soil below 3'				

REMARKS Holes Diff. Than Plat

TYPE OF SOIL manic

TESTED BY S. Abel

ALSO PRESENT Jeff. Neil, Richard



GOLDEN OAK DR.
30 R/W

7-7-88
S. d. w. l.

NOTES:
 1. TAX MAP: 22 PARCEL: 528
 2. PLAT REFERENCE: 7737
 3. CONTRACTOR TO SET GRADES IN FIELD.
 4. TOPD SHOWN HEREON BASED ON AERIAL TOPOGRAPHY.

BLDG. PERMIT SIGNED AND RETURNED 7-7-88

- | | |
|---------------------|---------------------------|
| DIST. BOX: | HOUSE: |
| INLET-458.0 ✓ | FF-472.0 ✓ |
| EX. GRND-461.0 ✓ | GAR-471.3.0 ✓ |
| FIN. GRND-461.0 ✓ | BSMT-463.0 ✓ |
| SEPTIC TANK: | INK. OUT-459.4.0 ✓ + BSMT |
| INV. IN-458.6.0 ✓ | WELL: |
| INV. OUT-458.4.0 ✓ | EX. GRND-573.0 ✓ |
| EX. GRND-464.0 ✓ | FIN. GRND-572.50 ✓ |
| FIN. GRND-463.0 ✓ | |

TITLE: GRADING STUDY				
PROJECT: TRIADELPHIA WOODS Lot 30 SEC. 1 AREA. 1				
LOCATION: PLAT 7737				
3RD ELECTION DISTRICT HOWARD CO., MD.				
SCALE: 1"=100'	DESIGNED BY:	DRAWN BY: D. WELSH	CHECKED BY:	DATE: 6-27-88
FIELD BOOK:	PAGE NO.:	JOB NO.: 8875	DRAWING NO.: 1 OF 1	

boender associates
inc.
consulting engineers
land surveyors
land planners

COURTHOUSE SQUARE
3565 ELLICOTT MILLS DRIVE
ELLICOTT CITY, MD. 21043
13011 465-7777

C1 9533

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 A-38482

DATE RECEIVED

DATE WELL COMPLETED 10/2/98

DEPTH OF WELL (TO NEAREST FOOT) 385

PERMIT NO. FROM "PERMIT TO DRILL WELL" MO-91-2749

OWNER Michael Sawyer last name Golden Oak first name TOWN Chevy SUBDIVISION Tumbler Woods SECTION LOT 36

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), Check if water bearing. Includes entries for Sand Stone, Gray Mica, and Rock.

GROUTING RECORD form including fields for GROUTING MATERIAL (CEMENT CM, BENTONITE CLAY BC), NO. OF BAGS (9), NO. OF POUNDS (246), GALLONS OF WATER (54), DEPTH OF GROUT SEAL.

CASING RECORD form including fields for CASING TYPE (ST), Nominal diameter (4), Total depth (36), MAIN CASING TYPE (ST).

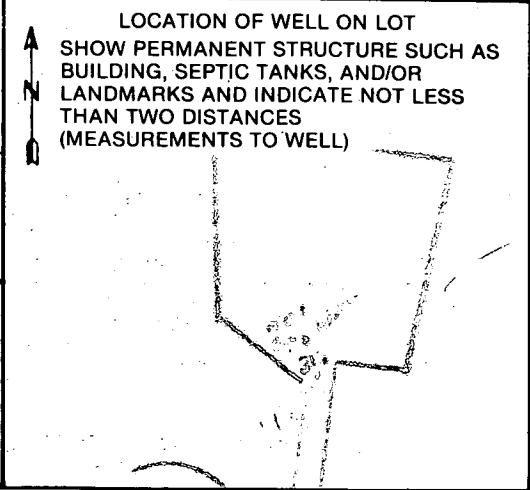
OTHER CASING (if used) form with fields for diameter and depth.

SCREEN RECORD form including fields for SCREEN TYPE (HO), DEPTH (nearest ft.), SLOT SIZE, DIAMETER OF SCREEN.

GRAVEL PACK and FLOWING WELL INSERT form with fields for GRAVEL PACK, FLOWING WELL INSERT, and OEP USE ONLY.

PUMPING TEST form including fields for HOURS PUMPED (0), PUMPING RATE (1.2), METHOD USED TO MEASURE PUMPING RATE (Bucket), WATER LEVEL, TYPE OF PUMP USED (S).

PUMP INSTALLED form including fields for DRILLER WILL INSTALL PUMP (NO), TYPE OF PUMP INSTALLED (S), CAPACITY, PUMP HORSE POWER, PUMP COLUMN LENGTH, CASING HEIGHT.



Final certification and signature section including: CIRCLE APPROPRIATE LETTER, DRILLERS IDENT. NO. (234), DRILLERS SIGNATURE (Edward L. Maguire), and SITE SUPERVISOR information.

COUNTY

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 81-2749
 Location of property (road) Golden Oak Dr.
 Subdivision Triadelphia Woods Lot 36 Block _____ Plat _____ Sec. _____
 Well Driller J. Mayne Owner MICHAEL BADGER

Depth of well 385'
 Distance of measuring point (M.P.) above ground 1'
 Static water level (S.W.L.) below M.P. 15'

I. High rate pumping -- reservoir drawdown

Time pump started 8:00 Pumping rate 15 gpm.
 Total time 30 min. to reach pumping water level 272 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 \$1 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
8:15	150	4		15
8:30	272	4		15
8:45	272	50		1.2
9:00	272	50		1.2
9:15	272	50		1.2
9:30	272	50		1.2
9:45	272	50		1.2
10:00	272	50		1.2
10:15	272	50		1.2
10:30	272	50		1.2
10:45	272	50		1.2
11:00	272	50		1.2
11:15	272	58		1.2
11:30	272	50		1.2
11:45	272	50		1.2
12:00	272	50		1.2
12:15	272	50		1.2
12:30	272	50		1.2
12:45	272	50		1.2
1:00	272	50		1.2
1:15	272	50		1.2
1:30	272	50		1.2
1:45	272	50		1.2
2:00	272	50		1.2
HD-224 2:15	272	50		1.2
8:30	272	50		1.2

B 1 3698 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

40-81-2217

fill in this form completely

Date Received (APA)

082788

OWNER INFORMATION

PAUGER MICHAEL

400 E. WILMINGTON BL - BANK

DELVILLE MD 21044

B 3

LOCATION OF WELL

4 FORWARD

FRIDELPHIA WOODS

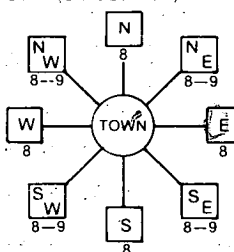
SECTION 44 46 LOT 36 48 50

DELVILLE

MILES FROM TOWN (enter 0 if in town) 2 3/4 MI

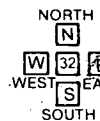
B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Golden oak Drive

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



450 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)

- D HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)
P PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)
T TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard A. 38482 COUNTY NAME COUNTY NO.

STATE SIGNATURE INSERT S

DATE ISSUED 051688 CO SIGNATURE EXP. DATE 11-15-88

NORTH GRID 523000 EAST GRID 814000

APPROXIMATE DEPTH OF WELL 300 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH

METHOD OF DRILLING (circle one)

- BORED (or Augered) JETTED DRIVEN
AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary)
CABLE REVERSE-ROTARY DRIVE-POINT

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

- X THIS WELL WILL NOT REPLACE AN EXISTING WELL
Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY
D 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)

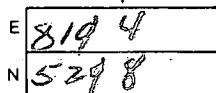
APPROP. PERMIT NUMBER GAP

FORCE 54 INITIALS IN BOX PERMIT No. 40-81-2217

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

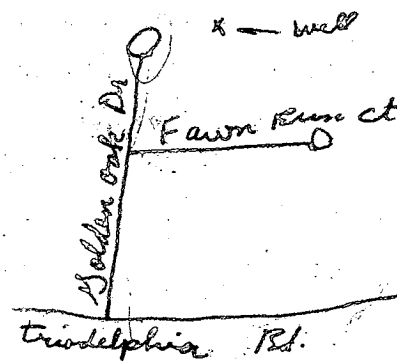
SOURCES OF DRILLING WATER

WRITE THE BOX NUMBER FROM THE MAP HERE



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

N

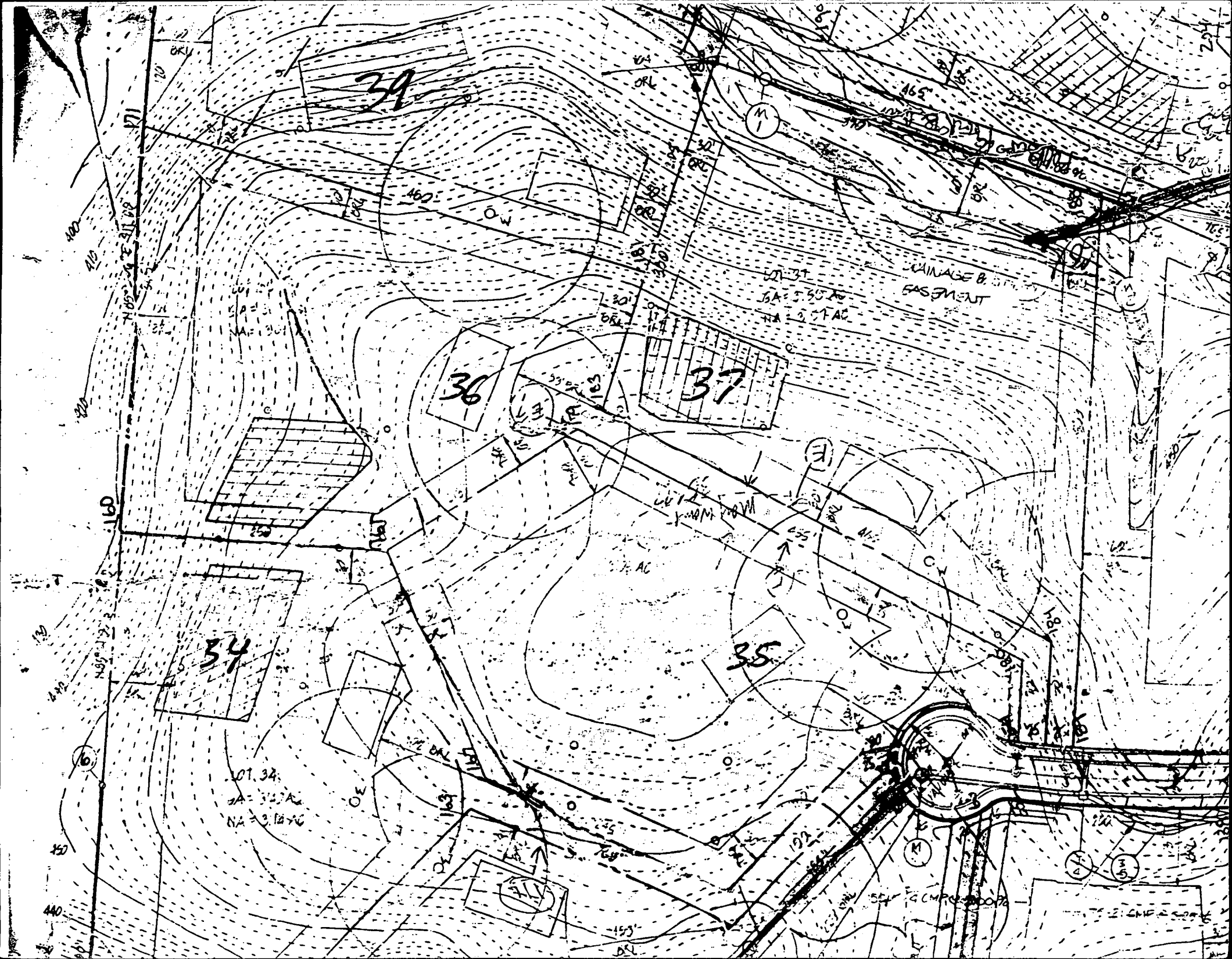


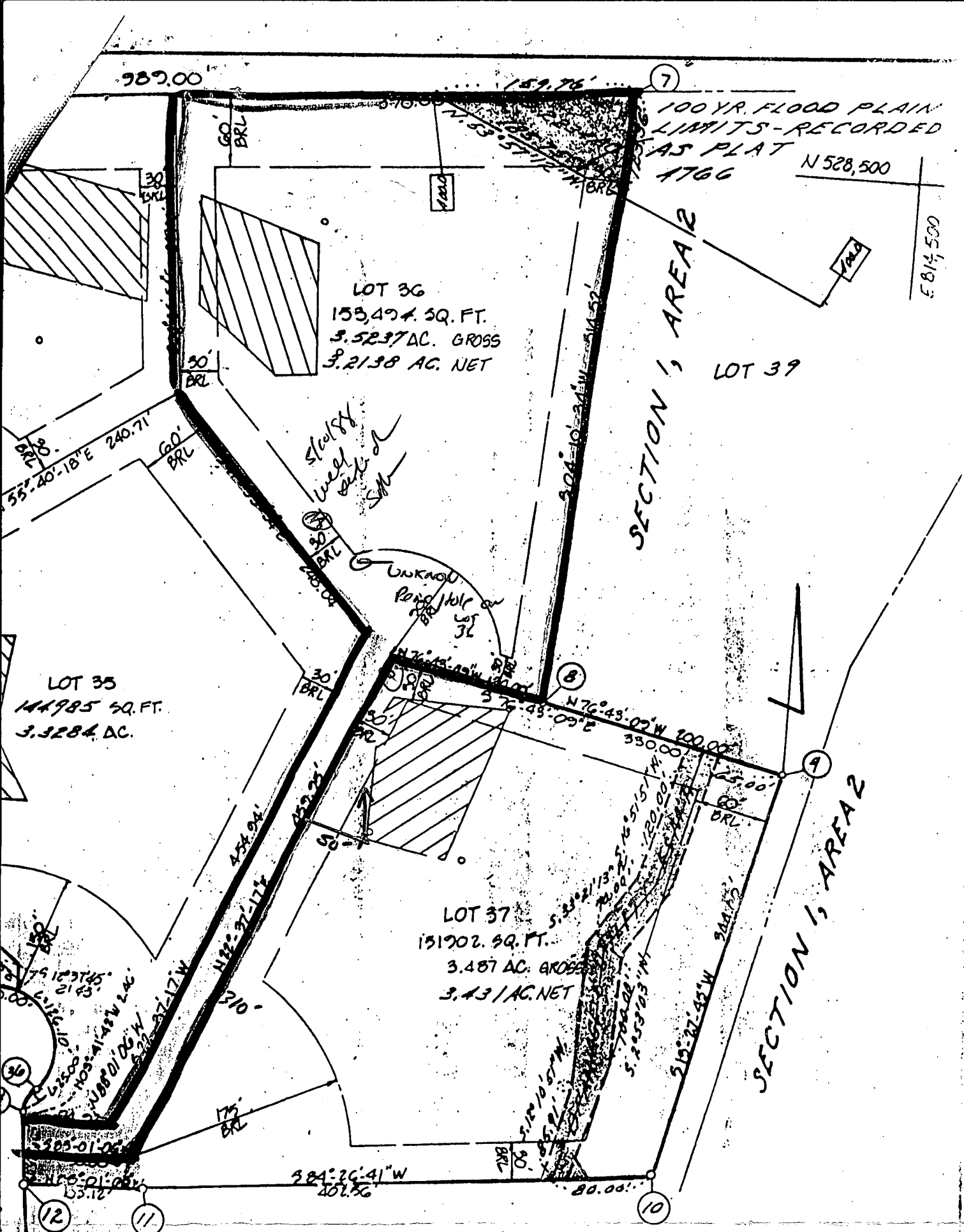
Handwritten notes: BADECOB, 16 12/88, WELL OK, 523 OTHER SUD, 12/14

6/2/88 11:2AM

- ① Well already grouted and information from Johnny
- ② 36 FT CASING
- ③ 31 FT OPENHOLE
- ④ 9 BAGS
- ⑤ WELLD K

B. D. Dodge
IN MIDDLE ROOMS, NOT SURE
OF LOCATION





100 YR. FLOOD PLAIN LIMITS - RECORDED AS PLAT 1766 N 528,500

LOT 36
153,494. SQ. FT.
3.5237 AC. GROSS
3.2138 AC. NET

LOT 35
144,985 SQ. FT.
3.3284 AC.

LOT 37
151,902. SQ. FT.
3.487 AC. GROSS
3.43 AC. NET

SECTION 1, AREA 2

SECTION 1, AREA 2

SECTION 1, AREA 2

PROPERTY LINE

APPROXIMATE EASEMENT AREA FOR ADDRESS AND EGRESS OF LOTS 36 AND 37.

AREA THAT MAY BE DISTURBED DUE TO CONSTRUCTION

PRELIMINARY PLAN SUBJECT TO CHANGE

N 527,500

Michael Badger
OWNER
596-0450

PATUXENT LAND COMPANY
13690 NICHOLS DRIVE
CLARKSVILLE, MARYLAND
21029

TPC
J.P. Up.
+ ALL
RJA
J.P. Up.
J.P. Up.
J.P. Up.

CERTIFICATE

RECORDED AS PLAT ON AMONG THE LAND RECORDS OF HOWARD COUNTY, MD.