

9-8-94
C-0 ASAP
9/12/94
PM
4-13-94
12:00 do

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

03-312577

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

XXXXXX (410) 313-2640

INDEXED

P 50253

A 38474

DISTRICT _____

DATE 9/7/94

DATE SYSTEM APPROVED 9-13-94

INSPECTOR AW

Joseph Gartland, Inc. IS PERMITTED TO INSTALL ALTER _____

ADDRESS 1835 West Old Liberty Road, Westminster, Maryland PHONE 875-2400

SUBDIVISION Triadelphia Woods LOT 26 ROAD 12643 Golden Oak Dr.

PROPERTY OWNER Fred and Carol Weaver

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS 5 BEDROOMS

NUMBER OF BEDROOMS 4 Septic Tank Capacity 1500 Gallons

180 SQUARE FEET PER BEDROOM 180 Square Feet Per Bedroom

LINEAR FEET OF TRENCH REQUIRED 144 Linear Feet of Trench Required 180

3189
12944
51220
5

TRENCHES - Trench to be 2' wide. Inlet 3' below original grade. Bottom maximum depth 8' below original grade. Effective area begins at 3' below original grade. 5' of stone below distribution pipe.

LOCATION - Place the first trench 210' up the left lot line and 130' off the same lot line as seen when facing the lot from Golden Oak Dr. Run trenches on contour toward the left lot line.

OK TO START 30' DOWNHILL, S.T. ON HIGH SIDE OF DRIVE MR 9/8/94
NOTES - No trench to exceed 100' in length. Provide 6"-8" diameter cleanout and cap to grade or above on septic tank. OK MR 11/8/93

PLANS APPROVED BY Sid Abel DATE 8/25/88

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, 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

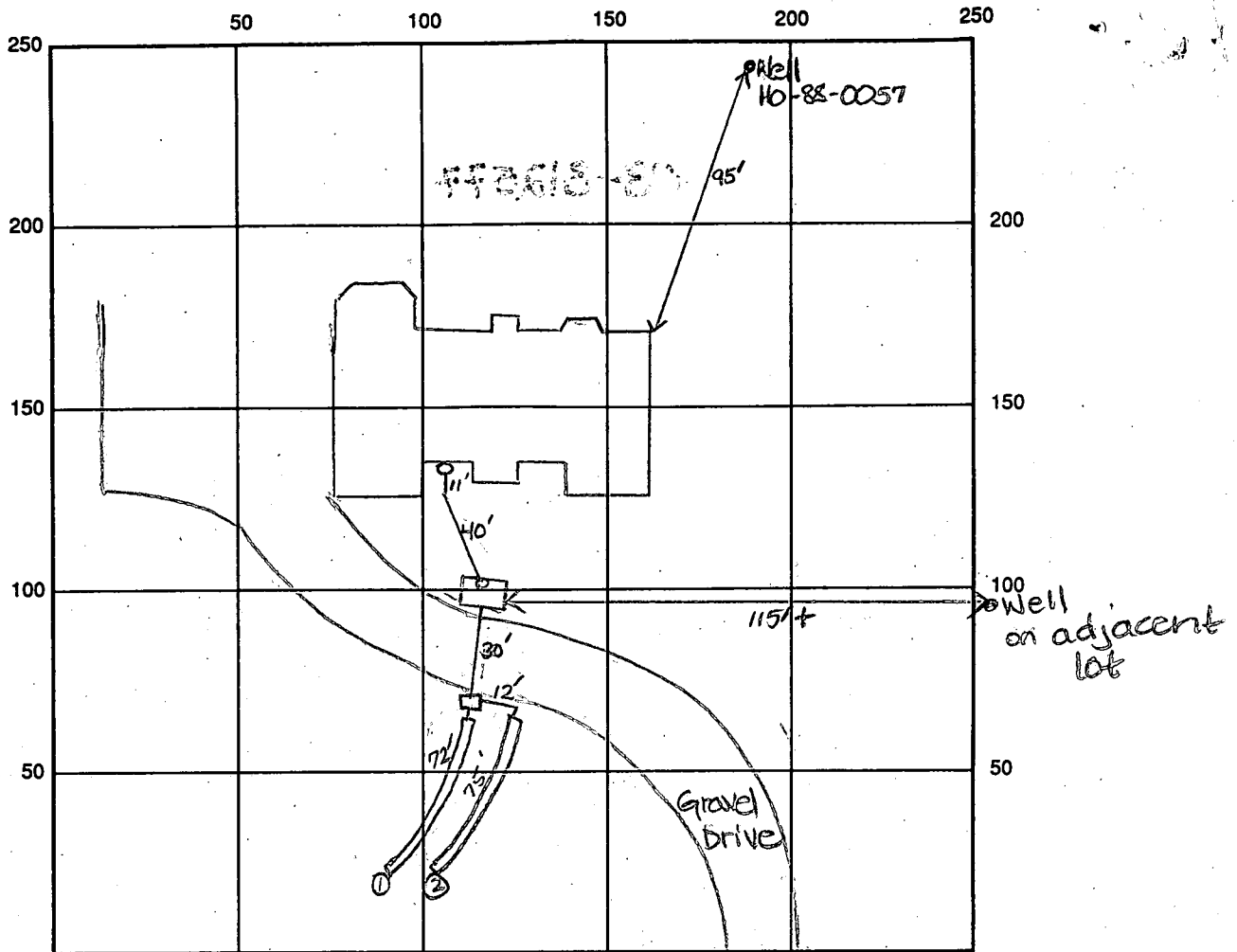
PERMIT VOID AFTER TWO YEARS

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 38474



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE
Golden oak Drive

SEPTIC TANK LEVEL OK - 1250 gal CLEANOUTS one at house, one on s.t.

DISTRIBUTION BOX LEVEL OK baffle is in

DRAIN FIELD/TITLE DEPTH 8 FT. TRENCH WIDTH 2 FT. INLET DEPTH 3 1/2 FT.

EFFECTIVE GRAVEL DEPTH 5 FT. TOTAL LENGTH 72 75 FT. = 147

NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 772.5 SQ. FT.

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

ABSORBENT AREA — SQ. FT.

REMARKS: 9/8/94 OK TO START 30' DOWNHILL TO SAVE TRENCHES FROM BEING UNDER DRIVEWAY; TAR INSIDE TANK SEAM TO PROTECT WELL ON ADJ. LOT 27 (100' AWAY + DOWNHILL) MR

9/12/94 OK to cover house to db, trench 1 and continue. DKS

9/13/94 OK to cover final AUM

9/18/94 P.A. OK 3:30 B.G.; CALL DENNIS OR ROSE FOR FORM MR

DATE SYSTEM APPROVED 9-13-94 INSPECTOR Amy M. Miller

1	2
72	75
5	5.5
	375
	360
	4125

APPLICATION

PERCOLATION TESTING

A 38474

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 FRED J & CARL N. WEAVER
Patuxent Land Co., Inc

ADDRESS _____ PHONE 631-6796
531-5537

PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Triadelphia Woods LOT NO. 725 629 LOT 26 Prelim.

ROAD AND DESCRIPTION Triadelphia Rd. on right 1/2 mile west
Carroll Mill Rd. (12643 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 J. Demmitt
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 2-11-87 PERC SATISFACTORY; Hold For Subdivision Plat. S. Ave

BLDG. PERMIT SIGNED

AND RETURNED 8/12/93

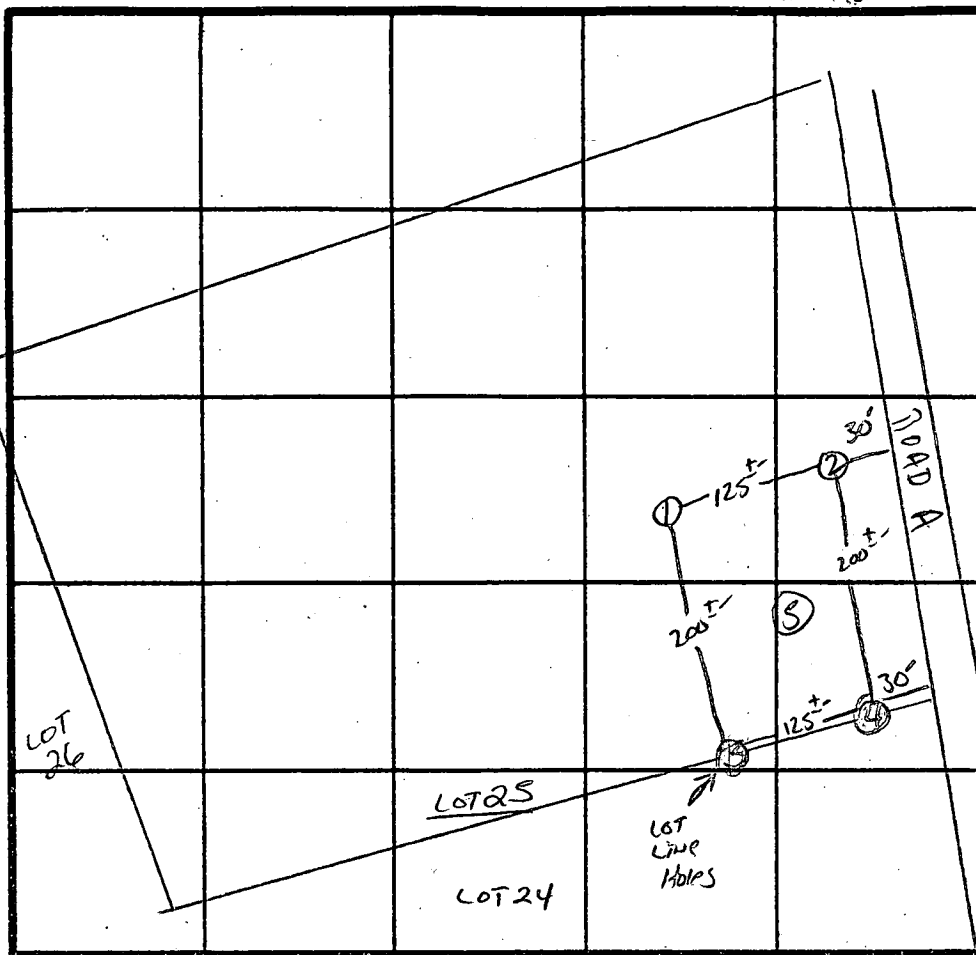
Serial 57040 (SFR - 4 Brms)

THIS IS NOT A PERMIT

L. J.

SOIL PROFILE

0"	A-3
4"	yellow br silt loam 29% clay 100% frags
3'	yellow br sand loam highly micaceous 20-25% frags
12'	



X Perc 4min
160 # 18L
INLET 3'
BOTTOM 8'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.
Triadelphia Rd.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
2/11/87	1S 1V	3'- 12'	2:47	2:49	2:49	2:53	4 min
	2V	12'	UNIFORM soil below		3'		
	3S 3M	3'- 7'	2:54	2:55	2:55	2:59	4 min
	3V	12'	UNIFORM soil below		3'		
	4S 4V	3.5'- 12'	2:59	3:00	3:00	3:02	2 min
	5V	12'	UNIFORM soil below		3'		

REMARKS HOLES DIFF THAN PLAT

TYPE OF SOIL MANOR

TESTED BY S. Abel

NOEL, CRAIG, RUTHERFORD

ALSO PRESENT Kenny

1309

SEQUENCE NO. (DP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

STATE PERMIT NUMBER

10-88-0057

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

please print or type

fill in this form completely

Date Received (APA)

8 13

OWNER INFORMATION

SCHMIDT RANOK

3786 PLM N-AVE W DR.

ELIOTT MD 21243

DRILLER INFORMATION

Joseph L. Mayne 238

Joseph L. Mayne Well Drilling

5512 Ridge Rd. Mt. Airy, Md. 21771

Joseph L. Mayne 6/28/88

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)

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

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 DEEPEAN 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 INITIALS PERMIT No. 10-88-0057

SPECIAL CONDITIONS

B 3

LOCATION OF WELL

HOWARD

PRIVATE LPHH WOODS

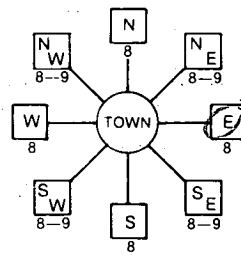
SECTION 26 LOT 26

CLEWEGE

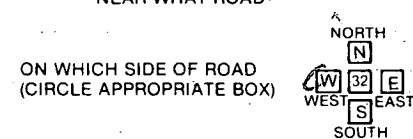
MILES FROM TOWN (enter 0 if in town) 2.2 MI

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Baldon Park Drive



DISTANCE FROM ROAD 350

ENTER FT or MI FT

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard A 35474

STATE SIGNATURE DATE ISSUED

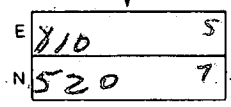
07185 Chris Wilton 11/18

NORTH GRID 522000 EAST GRID 0815000

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

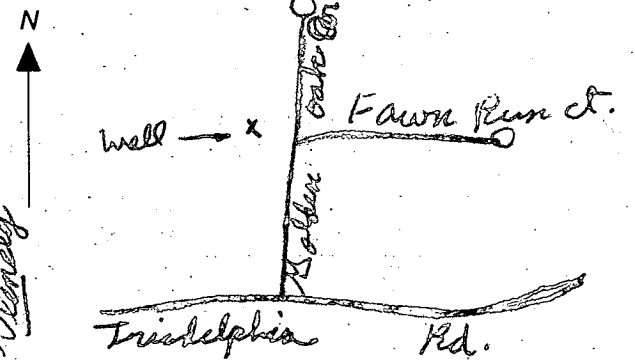
SOURCES OF DRILLING WATER

WRITE THE BOX NUMBER FROM THE MAP HERE



7/25/88 9:30 well located OK 88 7/25/88
42 ft casing. Above gravel casing. 35' open hole 8 bags of cement. GROUT NOT WITNESSED

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



C1 9589 SEQUENCE NO. (DENY USE ONLY)
1 2 3 6
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

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 A38474

DATE Received [] [] [] [] [] []
DATE WELL COMPLETED 07/29/98

Depth of Well 400
(TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL"
40-58-0057

OWNER SCHMIDT RANDAL
last name first name
STREET OR RFD GOLDEN OAK DR TOWN GENTLE
SUBDIVISION TRILACUMS WOODS SECTION LOT 26

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 FROM TO Check if water bearing
SANDstone 0 36
Clay Mica Rock 36 400 ✓

GROUTING RECORD
WELL HAS BEEN GROUTED (Circle Appropriate Box) YES (Y) NO (N)
TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY (BC)
CEMENT (CM) BENTONITE CLAY (BC)
NO. OF BAGS 8 NO. OF POUNDS 75
GALLONS OF WATER 48
DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 35 ft.
(enter 0 if from surface)

CASING RECORD
casing types insert appropriate code below
STEEL (ST) CONCRETE (CO)
PLASTIC (PL) OTHER (OT)
MAIN Casing TYPE Nominal diameter top (main) casing (nearest inch) Total depth of main casing (nearest foot)
ST 6 42

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

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

DEPTH (nearest ft.)
EACH SCREEN 1 41 400
2
3

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 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. 238
DRILLERS SIGNATURE [Signature]

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

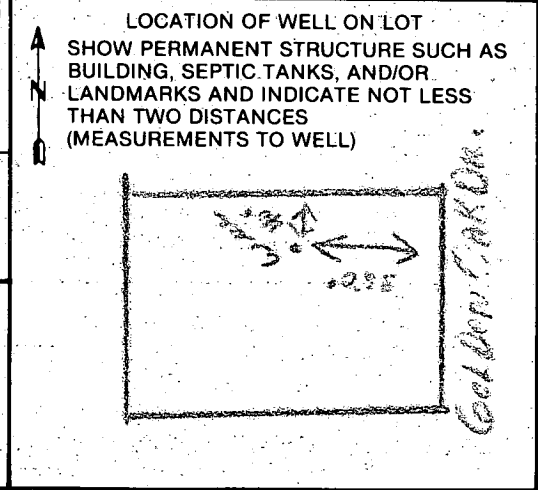
SLOT SIZE 1 2 3
DIAMETER OF SCREEN (NEAREST INCH) from to

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.) WQ
70 72 74 75 76
TELESCOPE CASING LOG INDICATOR OTHER DATA

C 3
PUMPING TEST
HOURS PUMPED (nearest hour) 1
PUMPING RATE (gal. per min. to nearest gal.) 204
METHOD USED TO MEASURE PUMPING RATE Bucket
WATER LEVEL (distance from land surface) BEFORE PUMPING 45
WHEN PUMPING 237
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 or NO) 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) 31 35
PUMP HORSE POWER 37 41
PUMP COLUMN LENGTH (nearest ft.) 43 47
CASING HEIGHT (circle appropriate box and enter casing height) + above } LAND SURFACE (nearest foot) 1
- below }



FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 88-0057
 Location of property (road) Golden Oak Dr.
 Subdivision Philadelphia Woods Lot 26 Block Plat Sec.
 Well Driller Joseph Mayne Owner Randall C. Schmidt
Kathleen H. Schmidt
 Depth of well 400'
 Distance of measuring point (M.P.) above ground 1'
 Static water level (S.W.L.) below M.P. 45'

I. High rate pumping -- reservoir drawdown

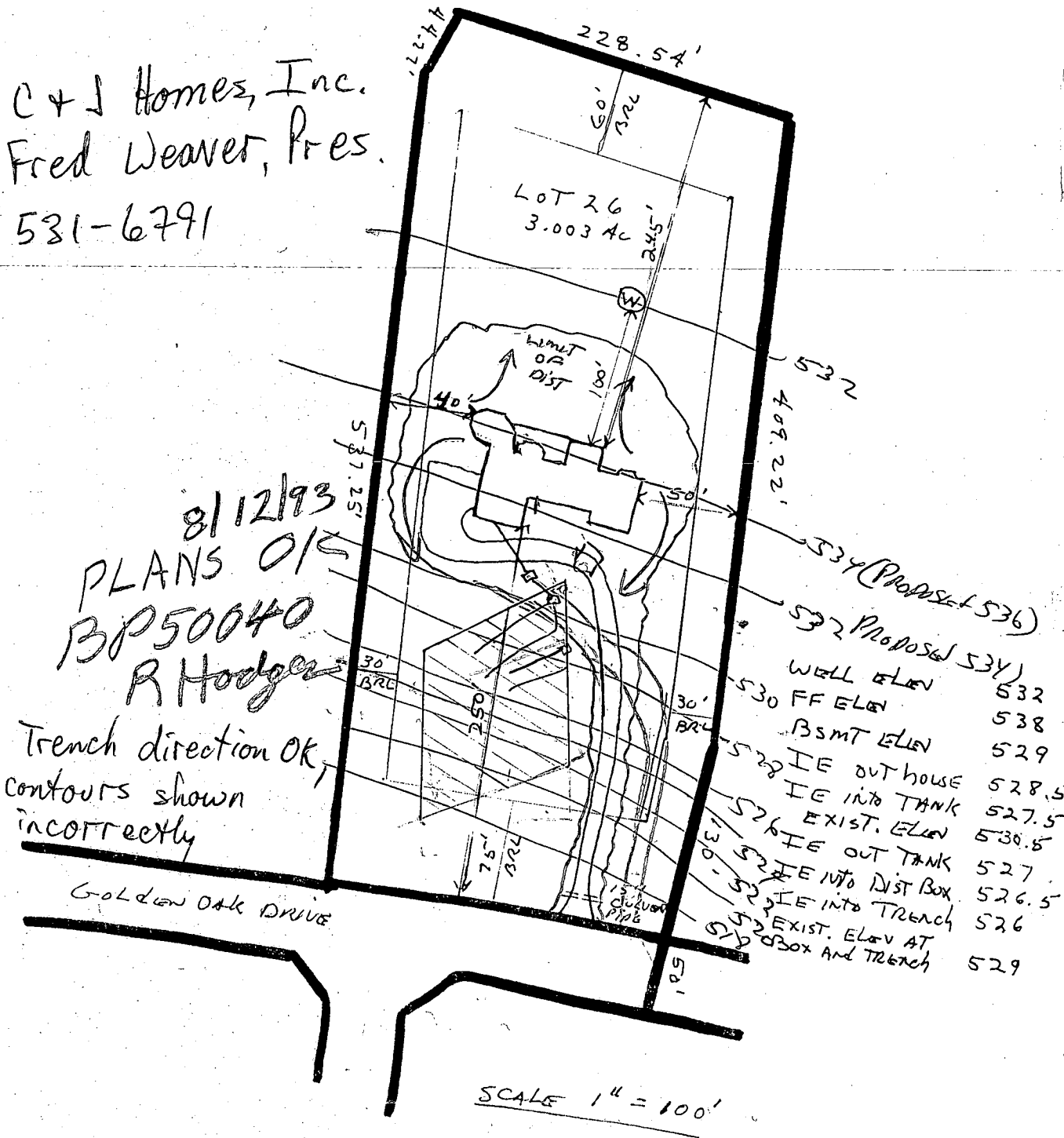
Time pump started 7:45 Pumping rate 20 gpm
 Total time 30 min to reach pumping water level 237 ft below M.P.

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)
8:00	157	3.00		20
8:15	237	3		20
8:30	237	25		2.4
8:45	237	25		2.4
9:00	237	25		2.4
9:15	237	25		2.4
9:30	237	25		2.4
9:45	236	25		2.4
10:00	236	25		2.4
10:15	236	25		2.4
10:30	236	25		2.4
10:45	236	25		2.4
11:00	237	25		2.4
11:15	237	25		2.4
11:30	237	25		2.4
11:45	237	25		2.4
12:00	237	25		2.4
12:15	237	25		2.4
12:30	237	25		2.4
12:45	237	25		2.4
1:00	237	25		2.4
1:15	237	25		2.4
1:30	237	25		2.4
1:45	237	25		2.4
HD-224:00	237	25		2.4
2:15	237	25		2.4

LOT 26
 TRIADAPLHIA Woods
 12643 Golden Oak DR.
 ELLICOTT CITY, MD 21042

C & J Homes, Inc.
 Fred Weaver, Pres.
 531-6791



8/12/93
 PLANS O/K
 BP 50040
 R Hodges

Trench direction OK,
 contours shown
 incorrectly

GOLDEN OAK DRIVE

SCALE 1" = 100'

C & J HOMES, INC.
 FRED WEAVER, PRES.
 410-531-6791