

2/9/89 11 AM

03-312615

PERMIT

P 43526

SEWAGE DISPOSAL SYSTEM

A 38483

MARYLAND STATE DEPARTMENT OF HEALTH

DISTRICT 3rd

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

INDEXED

DATE 4/9/89

DATE SYSTEM APPROVED 2/13/89

INSPECTOR M. Ripkin

C. C. Cissel

IS PERMITTED TO INSTALL ALTER

ADDRESS 14079 Brighton Dam Road, Clarksville, Maryland PHONE 854-2006

SUBDIVISION Triadelphia Woods ROAD 12685 Golden Oak Drive LOT 33

PROPERTY OWNER Ghandi

ADDRESS _____

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

GARBAGE GRINDER? YES NO

SEPTIC TANK CAPACITY 3000 GALLONS NUMBER OF BEDROOMS 6

TRENCHES - 220 sq. ft. per bedroom. 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 305 feet down the left (821.07') lot line and 40 feet off the same lot line as seen when facing the lot from Golden Oak Court. Run trenches on contour toward the right side of lot.

NOTE - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. olc/cw

PLANS APPROVED BY Sid Abel DATE 5/16/88

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

LOG. PERMIT SIGNED

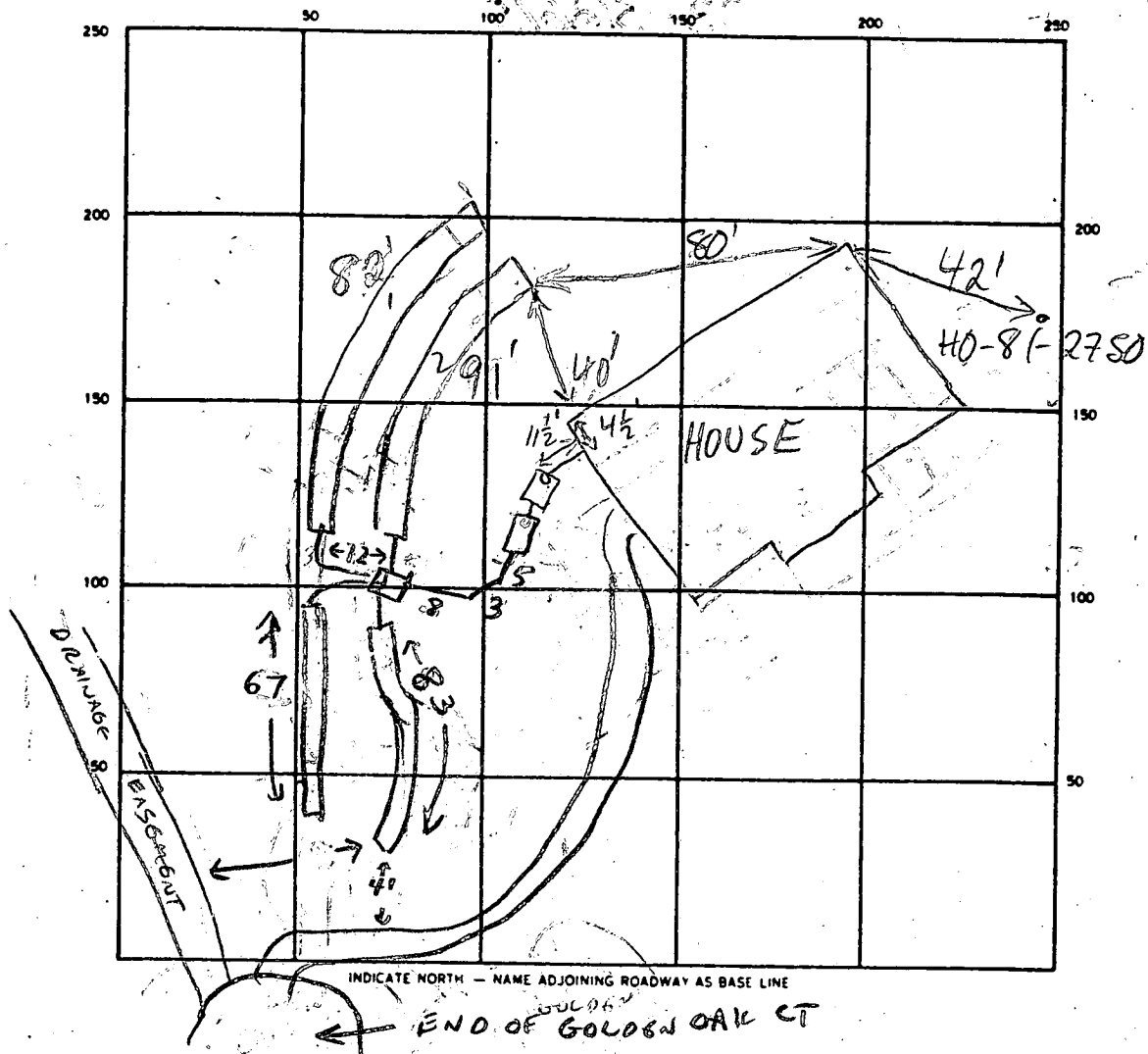
AND RETURNED 7/3/90

Serial #33795 - Sundel

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

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

A 38483



SEPTIC TANK. LEVEL 2x(10 1/2' x 5') CLEANOUTS OK

DISTRIBUTION BOX. LEVEL OK Baffle OK

DRAIN FIELD/TILE FIELD. DEPTH 7 1/2 FT. TRENCH WIDTH 2 FT. INLET DEPTH 3 1/2 FT.

EFFECTIVE GRAVEL DEPTH 4 FT. TOTAL LENGTH 291 FT. 282 267 283 } 323 NEED 330'

NUMBER OF TRENCHES 4 ONE SIDEWALL/BOTTOM AREA ~1300 SQ. FT.

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

ABSORBENT AREA — SQ. FT.

REMARKS 2/9/89 TRENCH ① DUG & STONED TO 155', TRENCH ② IN PROCESS
EXTEND BOTH PAIRS OF TRENCHES TO 165' MR 2/9/89 TRENCH
① COMPLETE w/STONE TRENCH ② STILL IN PROCESS NO CONNEX. MR
2/10/89 TRENCHES ①②③ COMPLETE, TANKS COMPLETE, HOUSE CONN.
OK, NO LINE TANK TO D.B. ADD 30' TO TRENCH ④ MR
2/10/89 ADD'L TRENCH ADDED, LINE ADDED TANK TO D.B. FINAL GIVEN MR

DATE SYSTEM APPROVED 2/13/89 INSPECTOR M. Ripkin

TRIADOLPHIA WOODS

GOLDEN OAK DRIVE

A 38483

SUBDIVISION:

LOT NUMBER: 33

DRY WELL OR DRY WELL AND TRENCH

_____ sq. ft./bedroom

	<u>Septic Tank</u>	<u>Minimum Total Square Feet</u>
3 bedroom	1000 gallon	_____
4 bedroom	1250 gallon	_____
5 bedroom	1500 gallon	_____

Inlet _____ feet below original grade.

Bottom maximum depth _____ feet below original grade.

Effective area begins at _____ feet below original grade.

NOTE: If trench is used to make up absorbent area, run the trench on level ground and leave a 5-foot earth buffer between dry well and trench. No trench is to exceed 100 feet in length. Trench inlet to be same as dry well, with _____ feet of stone below distribution pipe.

TRENCHES

180 sq. ft./bedroom
220 sq ft is old

Trench to be 2 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.

- NOTE:
- (1) No trench to exceed 100 feet in length.
 - (2) If more than one trench used, a distribution box is required.
 - (3) Trenches to be installed on level ground.
 - (4) Call for inspection of trench before gravel is installed.
 - (5) Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank and drywell.
 - (6) If a garbage disposal is used, increase septic tank capacity by 50% and increase absorbent sidewall area by 22%.

LOCATION: PLACE THE DISTRIBUTION BOX 305 DOWN THE LEFT (821.07')

LOT LINE AND 40 FT OFF THE SAME LOT LINE AS SEEN WHEN

FACING THE LOT FROM GOLDEN OAK COURT. RUN TRENCHES ON

CONTOUR TOWARD THE RIGHT SIDE OF LOT. 5-16-88 S. GIBB

GIBB

APPLICATION

PERCOLATION TESTING

A 38483

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 ~~Patent land Co, Inc~~

ADDRESS GHANDI PHONE 531-5539

PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Triadelphia Woods LOT NO. 16 33 Prelim 6/29

ROAD AND DESCRIPTION ~~Triadelphia Rd on the right~~ 1/2 mile west of Carroll Mill Rd. 12685 Golden OAK DR

TAX MAP 20 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. Kern with
(SIGNATURE OF APPLICANT)

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

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING ~~2-13-87 previous perc on 1980 to be used. Hold for~~

subdivision Plat. S. Abel 5-8-87 PERC SATISFACTORY - hold for PLAT. S. Abel

BLDG. PERMIT SIGNED
AND RETURNED 8-17-88

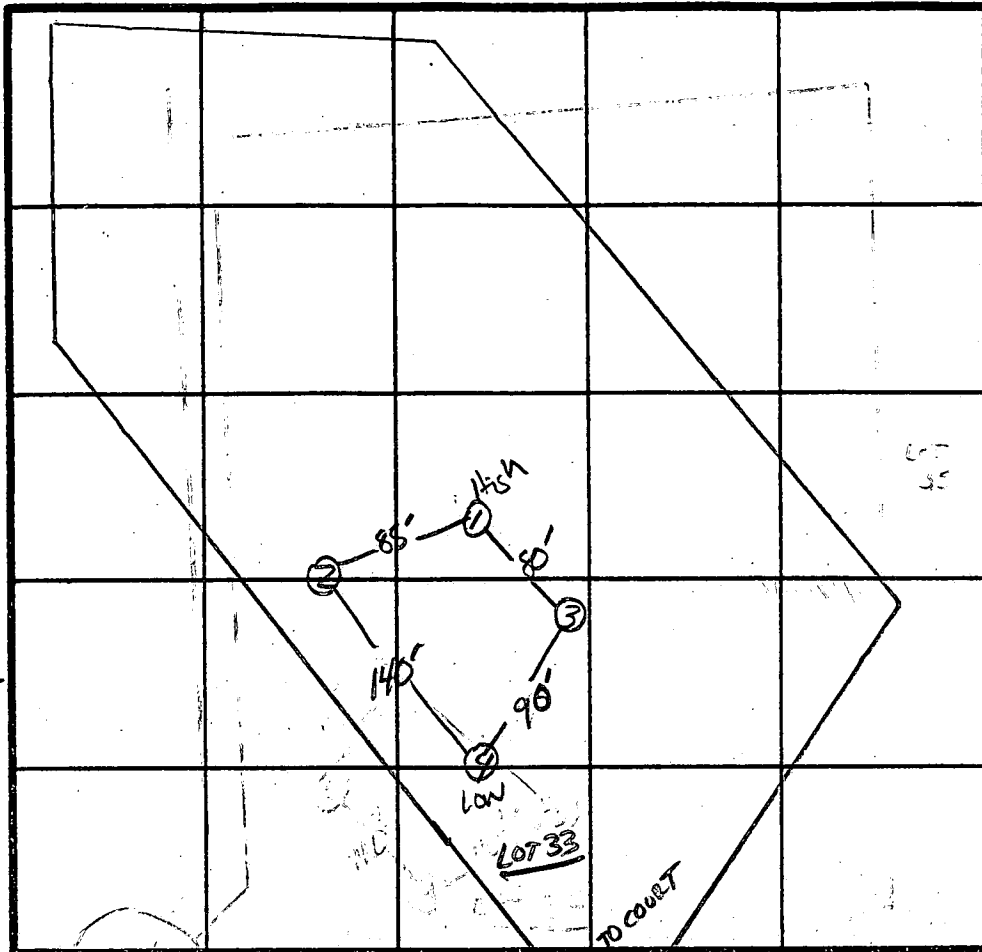
BP 20805 SM

THIS IS NOT A PERMIT

① → ④

SOIL PROFILE

0"	A1-3
4"	YELLOW RED SILTY CLAY LOAM 9-12% CLAY 15-20% FRAGS
3.5'	Thin Highly MICACEOUS SILTLOAM 15-25% FRAGS
9.5'	HARD BOTTOM #2
13'	



̄ Perc
3 min
INLET 3.5'
BOTTOM 7.5'
160 φ1BR
ALL REPAIR
SHALLOW +
180 φ1BR

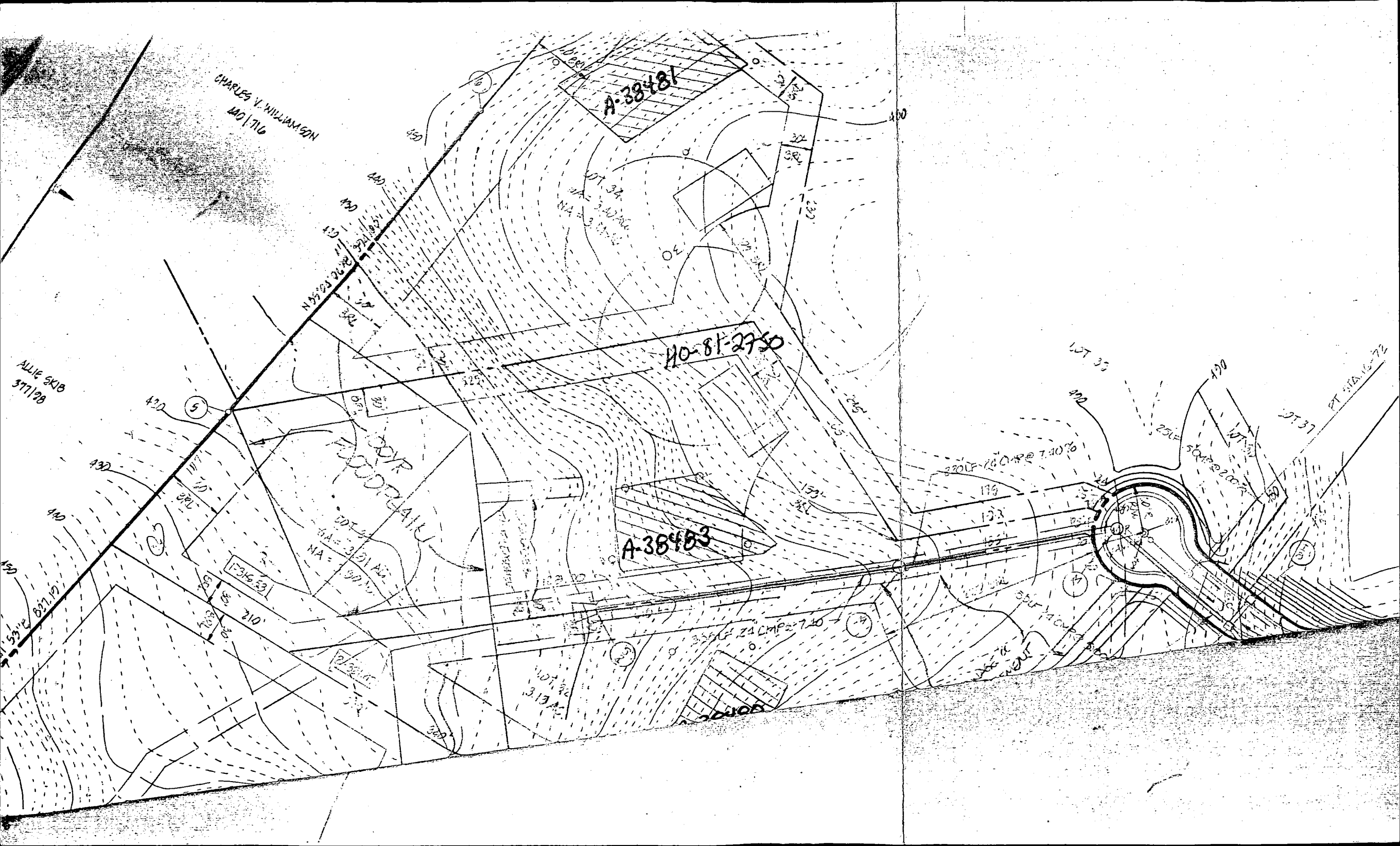
DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5/8/87	1S	4"	1:19	1:20	1:20	1:23	3 min
		9.5"	1:22	1:23	1:23	1:25	2 min
	1V	13" UNIFORM SOIL below 3"					
	2S	4.5"	1:26	1:27	1:27	1:29	2 min
		9.5"	HARD BOTTOM - UNIFORM SOIL below 3.5"				
	3V	12.5" UNIFORM SOIL below 3.5"					
	4S	3.5"	1:30	1:31	1:31	1:33	2 min
		12"	UNIFORM SOIL below 4"				

REMARKS Holes. Per Repair - Shallow Syst. Repair

TYPE OF SOIL Glennely

TESTED BY S. Abel ALSO PRESENT Richmond, Jeff

EH-12-1079



CHARLES V. WILLIAMSON
MO 1716

A-38481

10-81-2750

A-38483

ALLIE SKIB
577128

WOODRIF
WOODRIF

LOT 35
LOT 37
PT 316.16-72

531° 02' 15" 827.15'

12316.53'

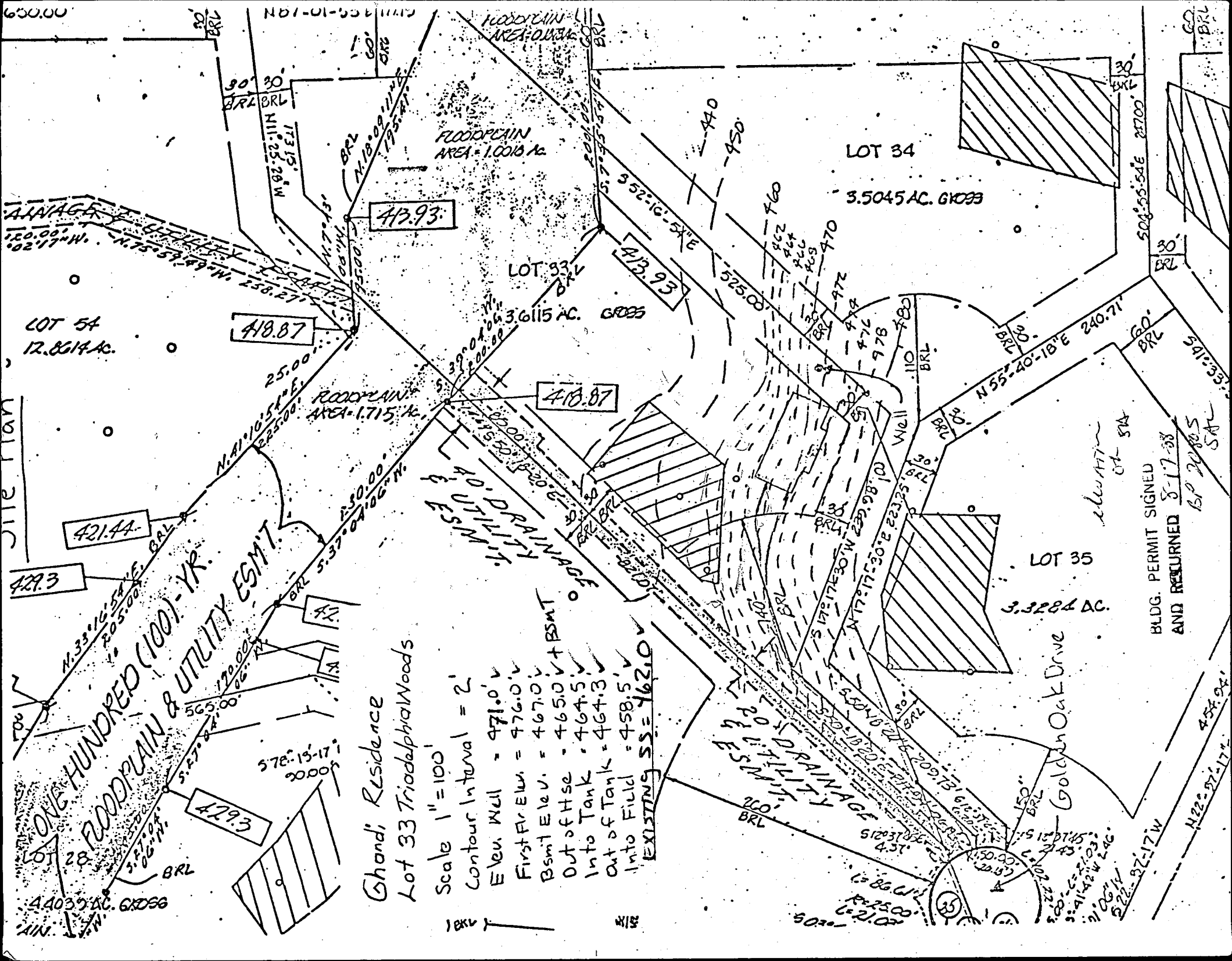
LOT 36
3.13 A

220 LF 740' @ 7.10%

50' @ 2.00%

WOODRIF

WOODRIF



LOT 54
12.8614 AC.

418.87

413.93

LOT 33
3.6115 AC. GROSS

413.93

LOT 34
3.5045 AC. GROSS

418.87

421.44

422.3

42

422.3

LOT 28
4.4039 AC. GROSS

Ghandi Residence
Lot 33 Triadelphia Woods

Scale 1" = 100'
Contour Interval = 2'
Elev. Well = 471.0 v
First Fl. Elev. = 476.0 v
Bsm't Elev. = 467.0 v
Out of Hse = 465.0 v + BSMT
Into Tank = 464.5 v
Out of Tank = 464.3 v
Into Field = 458.5 v
EXISTING SS = 462.0 v

186

25

Edw. M. M.
BLDG. PERMIT SIGNED
AND RETURNED 8-17-88

Golden Oak Drive

Edw. M. M.
8-20-88

B 1 3685 SEQUENCE NO. (DP USE ONLY)
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

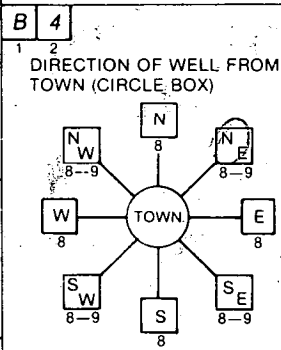
STATE OF MARYLAND PERMIT TO DRILL WELL
please print or type

STATE PERMIT NUMBER
40-81-2750
fill in this form completely

Date Received (APA) 092788
OWNER INFORMATION
GANDHI LAR
3781 PLUM SPRING LA.
ELK COTT CITY MARYLAND

B 3 LOCATION OF WELL
MCWARD
8 COUNTY
TRIVADELPHIA WOODS
23 SUBDIVISION
SECTION 44 46 LOT 33 48 50
GREENEG
52 NEAREST TOWN
MILES FROM TOWN (enter 0 if in town) 2 1/2 MI

DRILLER INFORMATION
Joseph L. Mayne
238
77 License No. 80
Joseph L. Mayne W.N.I. DRILLING
5512 Ridge Rd. Mt. Airy, Md. 21771
Address
Joseph L. Mayne 4/19/88
Signature Date



11 Golden oak Drive 30
NEAR WHAT ROAD
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
NORTH N
WEST W
EAST E
SOUTH S
34 400 37
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 APPROVAL PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)
 TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
Howard A-38483
COUNTY NAME COUNTY NO.
STATE SIGNATURE INSERT S
DATE ISSUED 051688
CO SIGNATURE EXP. DATE
NORTH GRID 526000 EAST GRID 0813000

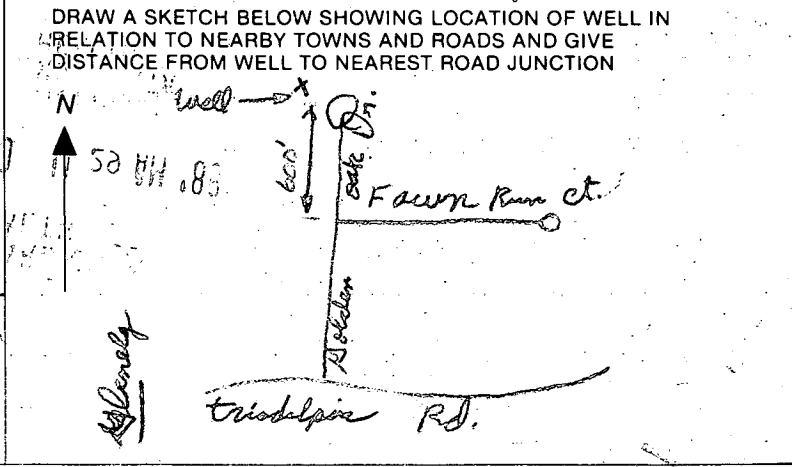
APPROXIMATE DEPTH OF WELL 300 FEET

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

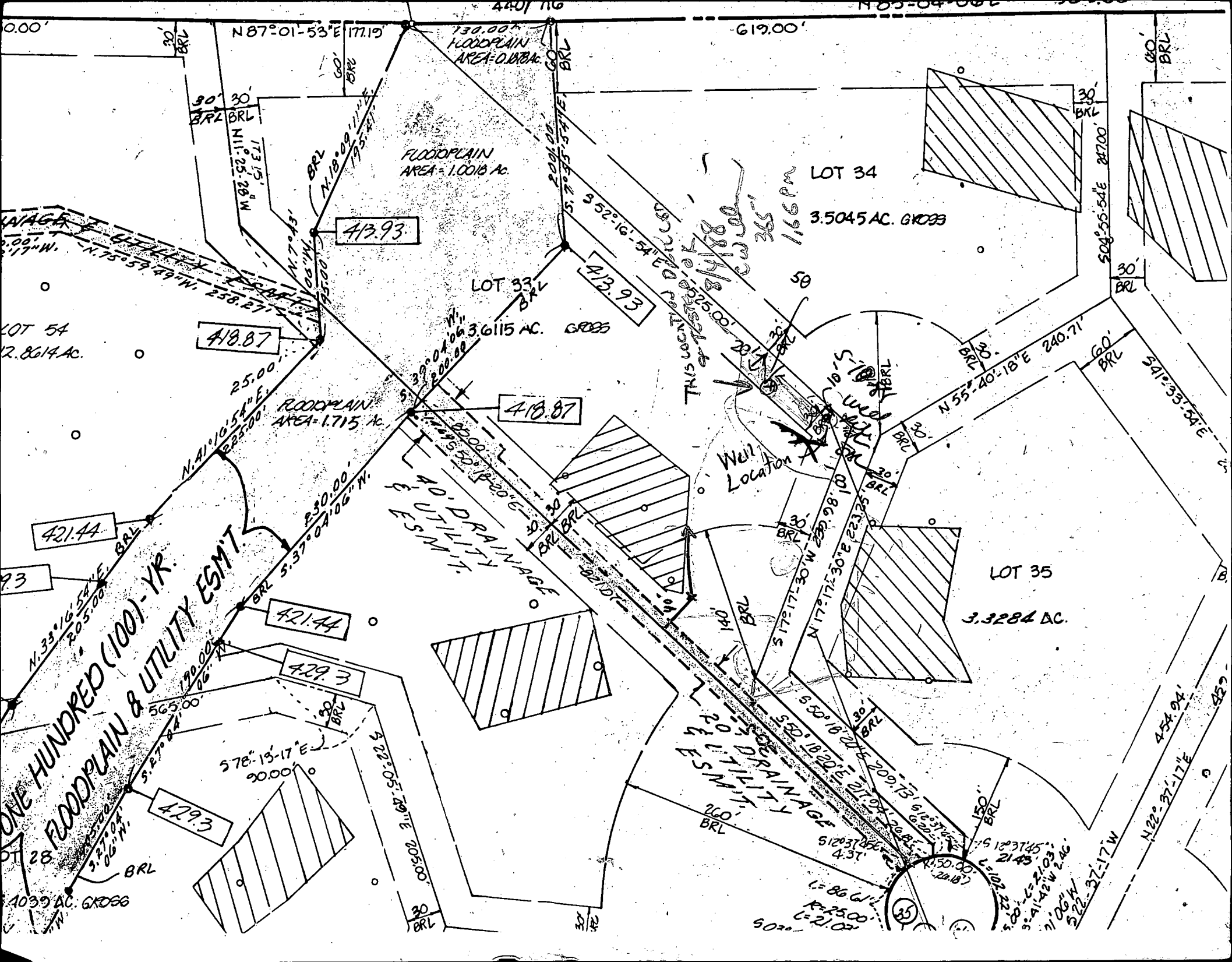
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X
SOURCES OF DRILLING WATER
1. WELL
2.
3.
WRITE THE BOX NUMBER FROM THE MAP HERE
E 8103
N 5206
000 LOCATION OK

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 GAP
FORCE SA WRITE INITIALS IN BOX PERMIT NO. 40-81-2750

SPECIAL CONDITIONS
COUNTY



N 87° 01' 53" E 177.19'

619.00'

130.00' FLOODPLAIN AREA = 0.028 AC.

FLOODPLAIN AREA = 1.0016 AC.

LOT 34

3.5045 AC. GROSS

413.93

413.93

LOT 33

3.6115 AC. GROSS

418.87

418.87

FLOODPLAIN AREA = 1.715 AC.

LOT 54
12.8614 AC.

421.44

421.44

429.3

429.3

ONE HUNDRED (100)-YR. FLOODPLAIN & UTILITY ESM'T.

Well Location

10' DRAINAGE & UTILITY ESM'T.

40' DRAINAGE & UTILITY ESM'T.

THIS COUNTY OF...
3/18/88
166 PM
365'

LOT 35
3.3284 AC.

454.94'
N 22° 37' 17" E

N 22° 37' 17" W

6-86 W
R-2500
6-21-07

35

5-12-37-45
21.43
3-41-42 W 2.46
21.06 W
5-22-37-17 W

5-17-17-30 W 239.68

5-17-17-30 W 239.68

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5-17-17-30 W 239.68

Lav Gandhi
3781 Plum Spring LN
Ellicott City, MD 21043

(301) 465-4425

C1 9534 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-38483

DATE RECEIVED

DATE WELL COMPLETED 080488

DEPTH OF WELL 365 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 20-81-2750

OWNER FANDM CAR last name GOLDEN OAK Ct. first name TOWN Glenwady

SUBDIVISION Philadelphia Wood SECTION LOT 33

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. Includes handwritten entries: SAND 5 ft, Clay with pebbles, Dry well 400' filled in with cement and grout materials.

GROUTING RECORD WELL HAS BEEN GROUTED (Circle Appropriate Box) YES Y NO N TYPE OF GROUTING MATERIAL CEMENT CM BENTONITE CLAY BC

NO. OF BAGS 6 NO. OF POUNDS 564 GALLONS OF WATER 36 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 30 ft.

CASING RECORD casing types insert appropriate code below: ST STEEL, CO CONCRETE, PL PLASTIC, OT OTHER

MAIN CASING Nominal diameter top (main) casing (nearest inch) 4 Total depth of main casing (nearest foot) 21

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

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

DEPTH (nearest ft.) 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 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

A CIRCLE APPROPRIATE LETTER 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. 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

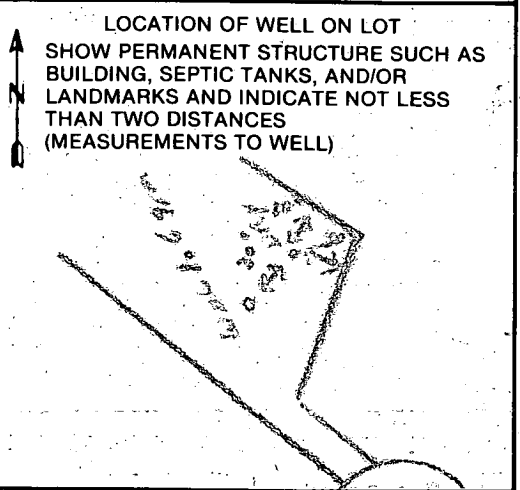
OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) WQ LOG INDICATOR OTHER DATA

C 3 PUMPING TEST

HOURS PUMPED (nearest hour) 4 PUMPING RATE (gal. per min. to nearest gal.) 106 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 25 WHEN PUMPING 25.8 TYPE OF PUMP USED (for test) A air, C centrifugal, J jet, P piston, R rotary, S submersible, T turbine, O other (describe below)

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 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

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 81-2750
 Location of property (road) GOLDEN OAK CR.
 Subdivision TRINDELPHIA WOODS Lot 33 Block _____ Plat _____ Sec. _____
 Well Driller J. MAYER Owner GANDAZ, CAR

Depth of well 365
 Distance of measuring point (M.P.) above ground 1'
 Static water level (S.W.L.) below M.P. 25'

I. High rate pumping -- reservoir drawdown

Time pump started 9:00 Pumping rate 15 gpm.
 Total time 45 min to reach pumping water level 257 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 5/1 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
9:15	129'	4 sec.		15
9:30	258'	4		15
9:45	257'	36		1.6
10:00	257'	36		1.6
10:15	257'	36		1.6
10:30	257'	36		1.6
10:45	257'	36		1.6
11:00	257'	36		1.6
11:15	257'	36		1.6
11:30	257'	36		1.6
11:45	257'	36		1.6
12:00	257'	36		1.6
12:15	257'	36		1.6
12:30	257'	36		1.6
12:45	257'	36		1.6
1:00	257'	36		1.6
1:15	257'	36		1.6
1:30	257'	36		1.6
1:45	257'	36		1.6
2:00	257'	36		1.6
2:15	257'	36		1.6
2:30	257'	36		1.6
2:45	257'	36		1.6
3:00	257'	36		1.6
3:15	257'	36		1.6
3:30	257'	36		1.6

HD-224 3:15 257' 36 1.6
3:30 257' 36 1.6

