

348370

HOUSE CONNECTION 10640

8/10/89
8/11/89
11 AM + late PM
EPM

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

INDEXED

P 44843

A 40076

DISTRICT 4th

DATE 8/9/89

DATE SYSTEM APPROVED 9/29/89

INSPECTOR CW/cha

Carroll 876-6880
Water

Frall Septic Service, Inc. IS PERMITTED TO INSTALL ALTER

ADDRESS P. O. Box 659, Mt. Airy, Maryland 21771 PHONE 795-5674

SUBDIVISION White Wood Estates ROAD 17327 Pink Dogwood Ct LOT 21

PROPERTY OWNER Peter Ryan Ken Warfield PHONE: 442-1113

ADDRESS _____

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

GARBAGE GRINDER? YES _____ NO

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 240 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 4.5 feet below original grade. Bottom maximum depth 8.5 feet below original grade. Effective area begins at 4.5 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Place the first trench 135 feet off the front ^{LEFT} (314.26') lot line and 175 feet off the left lot line as seen when facing the lot from Pink Dogwood 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 8/12/88

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

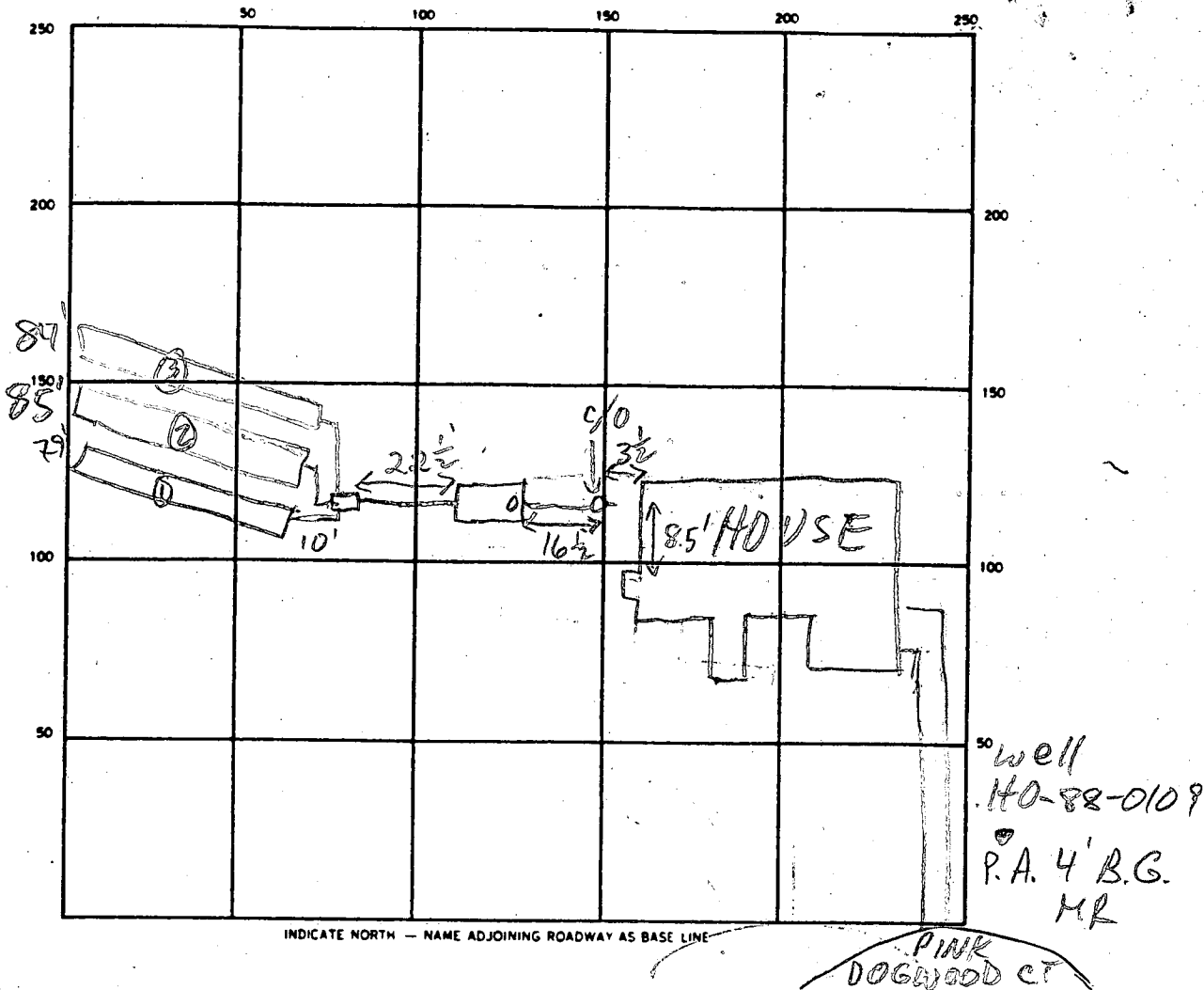
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

A
40076



SEPTIC TANK. LEVEL OK 1250 GAL CLEANOUTS INLINE-OK S.T. OK

DISTRIBUTION BOX. LEVEL OK BAFFLE IN

DRAIN FIELD/TILE FIELD. DEPTH 8.5 FT. TRENCH WIDTH 2 FT. INLET DEPTH 4.5 FT.

EFFECTIVE GRAVEL DEPTH 4 1/4 FT. TOTAL LENGTH 84 FT.

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 992 SQ. FT.

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

ABSORBENT AREA — SQ. FT.

REMARKS 8/10/89 OK TO COVER FROM C/O TO DB AND STONE +
BACKFILL MIDDLE OF TRENCH ①, LEAVING ENDS OPEN; NO
HOUSE CONN. MR 8/11/89 #1 OK TO COVER TRENCH ①, CONTINUE
W/ TRENCHES ② & ③ 8/11/89 #2 OK TO COVER TRENCH ②
& COVER ③ WHEN STONE COMPLETE; STILL NEEDS
HOUSE CONNECTION MR HOMEOWNER CONFIRMS SEPTIC CONNECTION. GW

DATE SYSTEM APPROVED 9/29/89 INSPECTOR Craig W. [Signature]

APPLICATION

PERCOLATION TESTING

A 40076

P _____

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

*10/28/87
perc OK'd pending
approved plat*

DISTRICT 474

DATE 9-8-87

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 Kennard Warfield Jr Kew Warfield 442-1113

ADDRESS 14663 Tridelphia Rd Glensy 21737 PHONE 442-2337

PROSPECTIVE BUYER N/A

ADDRESS _____ PHONE _____

PROPERTY LOCATION: _____ 21 on prelim

SUBDIVISION White Property Whitewood Est. LOT NO. 20

ROAD AND DESCRIPTION South side of Balto National Pike (Rt 144) north
side of Hardy Rd 17327 Pink Dogwood Cl.

TAX MAP 7 PARCEL # 1

SIZE OF LOT 3 ± acres TYPE BLDG. SFD
(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. Mal D Rein
(SIGNATURE OF APPLICANT)

APPROVED BY Sidney Abbe FOR Deep trenches DATE 8-12-88

REJECTED BY Sidney Abbe FOR Recess Shallowers DATE 4-14-89

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING Open field located holes & sub-plat

LOG. PERMIT SIGNED
AND RETURNED 4-12-89
BP 24138
SKV

THIS IS NOT A PERMIT

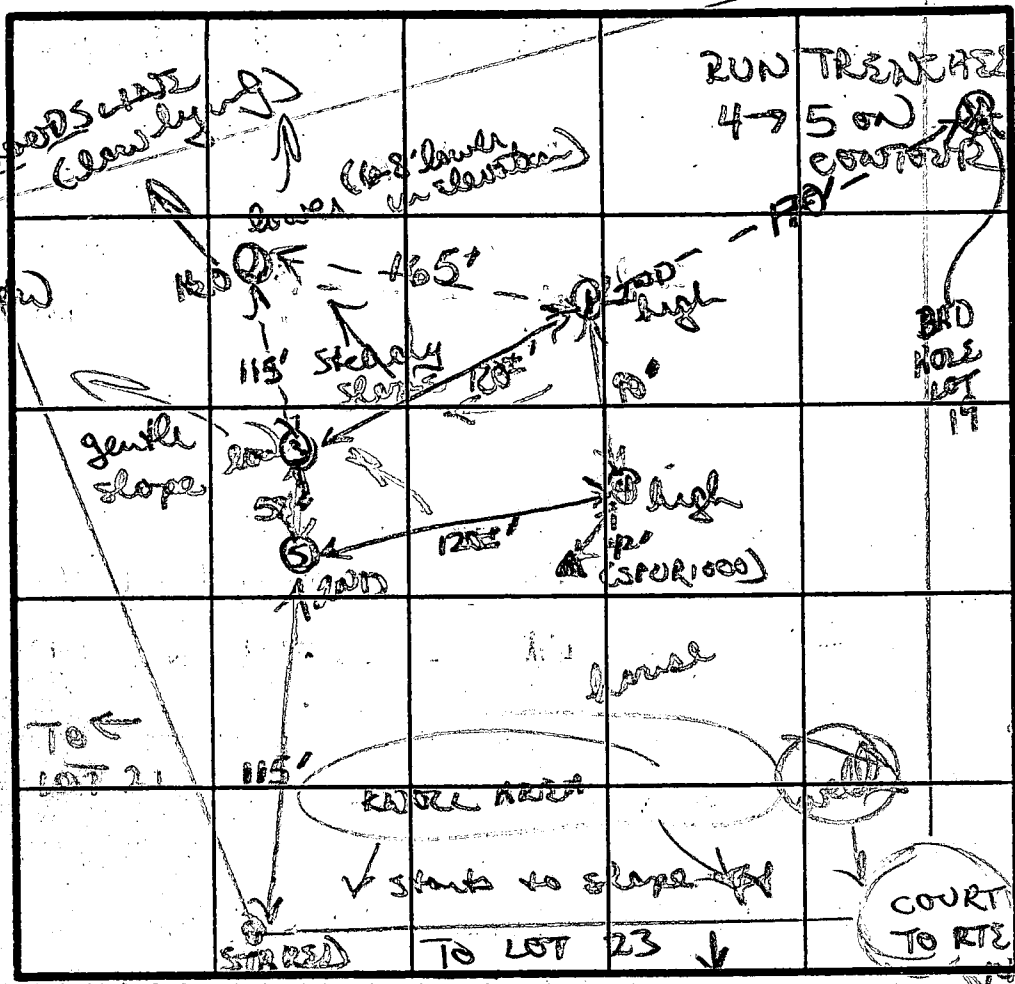
230 D/BD
 INLET 4 1/2
 MAX D 8 1/2
 X=18 MIN

SOIL PROFILE

chunky orange/yellow clay 3 1/2'
 to yellow/orange clay clay 5 1/2'
 to gritty orange silty loam

orange/red brown gritty chunky clay/clay loam 4'
 to dark brown to black brown weathered type frags 10% 6'
 sharp soils 7 1/2-8'
 110 9'

starts with red/orange gritty



yellow/orange clay/silty clay loam 4'
 yellow tan to mostly tan/brown 7' ↓
 silty loam w/ 10% small black/white weathered frags ↓
 orange/tan clay silt loam 4'

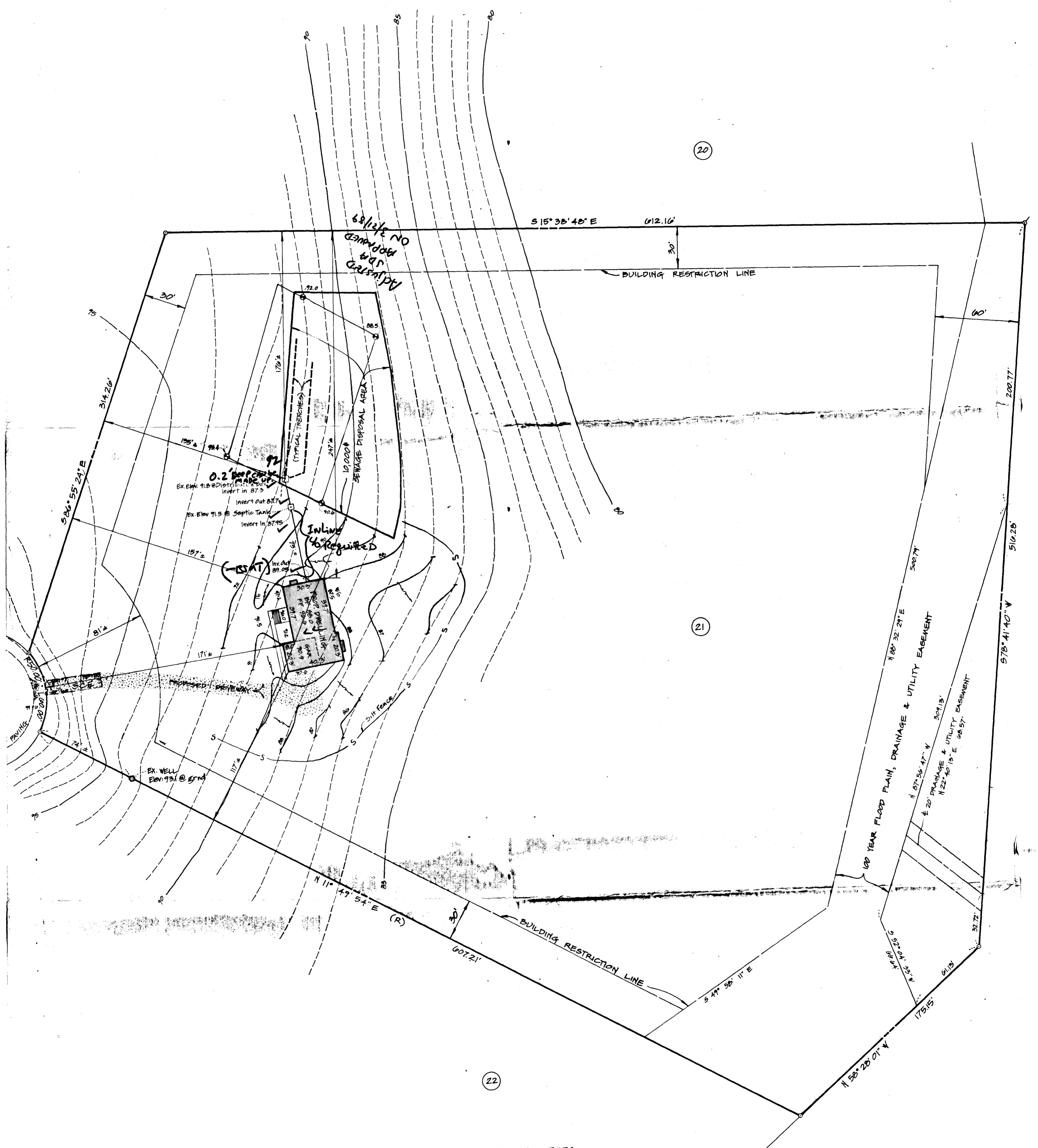
INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
	①	5's	1138	1205	1205	1218	13 MIN	
		12 1/2'	bottom (see profile)					
	②	160 9'	clay soils 7 1/2' fail					
	③	4'	1209	little movement RESOLVE				
	③	5'	1220	1224	1224	100	26 MIN	
		13' D	bottom (see profile)					
	④	4'S	1235	1240	1240	1248	8 MIN	
		8' M	1235	1246	1246	110	24 MIN	
		12 1/2'	bottom (see profile)					
	⑤	VISUAL ONLY	hard soils 4-4 1/2'					

to orange silty loam w/ 5% small brown frags 12 1/2'

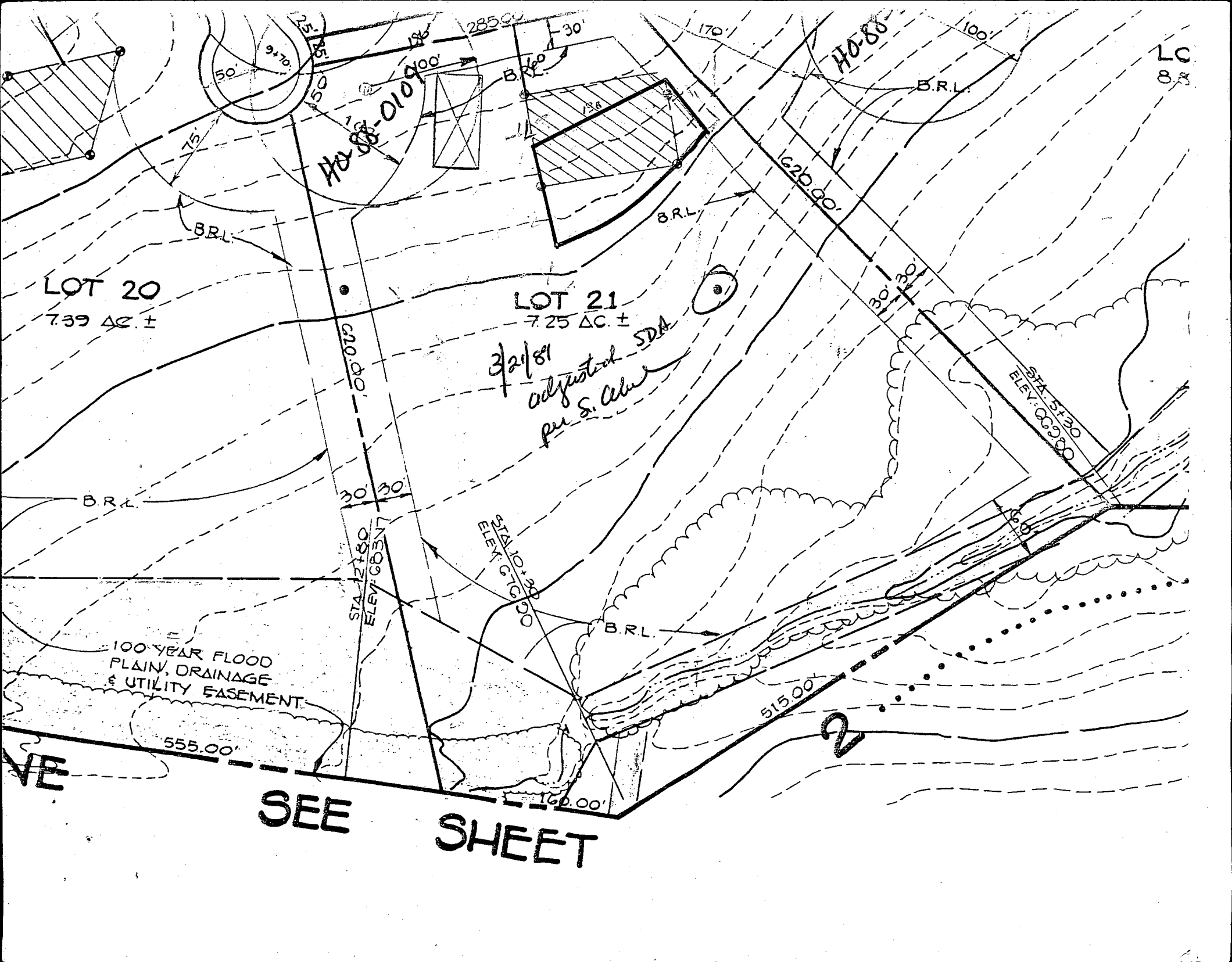
REMARKS: perc field adjusted uphill (110 in lower hole)
 fairly slow permeating soils clays fairly heavy 4 1/2'

TESTED BY: B. Nylor ALSO PRESENT: Glen Mann



NOTE: CONTRACTOR TO PROVIDE POSITIVE DRAINAGE AWAY FROM FOUNDATION AT ALL TIMES.
 BASEMENT CANNOT BE SEWERED BY GRAVITY

BENCH MARK: TOP OF WELL = 94.90 TOPOGRAPHY SHOWN HEREON IS FIELD RUN (4-4-89) AND BASED ON ASSUMED DATUM.



LOT 20
7.39 AC ±

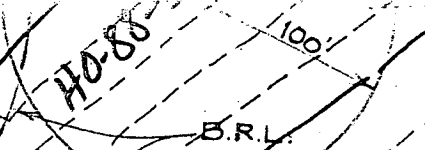
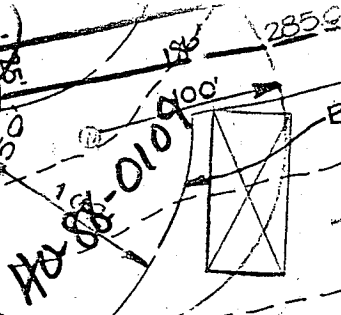
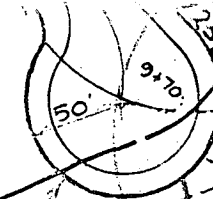
LOT 21
7.25 AC ±

*3/21/81
adjusted SDA
per S. Albin*

100-YEAR FLOOD
PLAIN, DRAINAGE
& UTILITY EASEMENT

SEE SHEET
2

LC
8.8



STA 2150
ELEV 6037

OC 101315
ELEV 6030

STA 5120
ELEV 6030

515.00'

555.00'

160.00'

1620.00'

30' 30'

170'

100'

75'

B.R.L.

B.R.L.

B.R.L.

B.R.L.

B.R.L.

VE

B 1 3606 SEQUENCE NO. (DP USE ONLY)
1 2 3 6
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

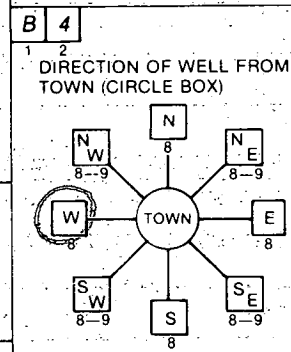
STATE OF MARYLAND PERMIT TO DRILL WELL
please print or type

STATE PERMIT NUMBER
40-88-0109
70 fill in this form completely 79

Date Received (APA) 080488
OWNER INFORMATION
15 Last Name: WAINFIELD 13 Owner: Kew 34 First Name
36 Street or RFD: 14663 TRADELAKES RD 55
57 Town: SLEWELK 70 State: MD 72 Zip: 21232 76

B 3 LOCATION OF WELL
1 2 HOWARD 21 COUNTY
23 SUBDIVISION: WHITE WOODS EST 42
SECTION: 44 46 LOT: 21 48 50
52 NEAREST TOWN: POPULAR SPRINGS 71
MILES FROM TOWN (enter 0 if in town) 1 73 76 77 78 MI

DRILLER INFORMATION
Driller's Name: DALE MAYNE 77 License No. 80: 253
Firm Name: DALE MAYNE WELL DRILLING
Address: 9170 Raven Church Rd Mt Airy
Signature: Dale Mayne Date: 2/30/88



11 PINK OAKWOOD CT. 30 NEAR WHAT ROAD
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
NORTH N, WEST W, EAST E, SOUTH S
34 50 37 DISTANCE FROM ROAD
ENTER FT or MI FT 38 39

B 2 WELL INFORMATION
APPROX. PUMPING RATE (GAL. PER MIN.) 5 8 12
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500 14 20

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
COUNTY NAME: HOWARD A-40076 COUNTY NO.
STATE SIGNATURE: INSERT S
DATE ISSUED: 081788 CO SIGNATURE: [Signature] EXP. DATE: 02-16-89
NORTH GRID: 550000 EAST GRID: 0767000

APPROXIMATE DEPTH OF WELL 150 24 28 FEET

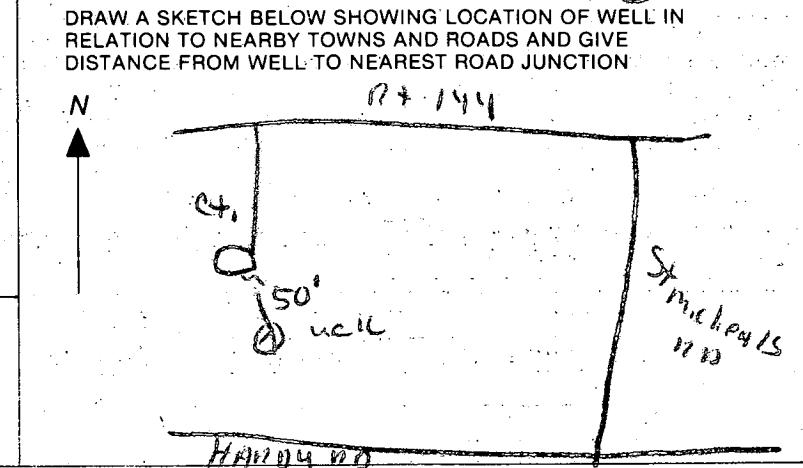
APPROXIMATE DIAMETER OF WELL 6" NEAREST INCH

METHOD OF DRILLING (circle one)
BORED (or Augered) JETTED Jetted & DRIVEN
30 AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary)
37 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 767
N 550

10-13-88 Missed grout CBS
10-14-88
44 ft casing
36 ft open hole
10 bags cement
2 ft above ground
JE Nadeau

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)
 N THIS WELL WILL NOT REPLACE AN EXISTING WELL
 Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
39 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) 41 52



Not to be filled in by driller (OEP USE ONLY)
APPROP. PERMIT NUMBER 54 GAP 63
FORCE CA WRITE INITIALS IN BOX PERMIT NO. 40-88-0109 70 71 72 73 74 75 76 77 78 79

SPECIAL CONDITIONS

C1 0599 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-40076

DATE RECEIVED

DATE WELL COMPLETED 10/14/88

DEPTH OF WELL 225 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-88-0109

OWNER last name Fink first name ... TOWN FUMAR SPRINGS SUBDIVISION WHITE WOODS EST SECTION LOT 21

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, FEET FROM, FEET TO, Check if water bearing. Includes entries for Top Soil, Brown Slate, Blue Slate, and Blue Slate.

GROUTING RECORD

WELL HAS BEEN GROUTED (Y) (N) TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 10 NO. OF POUNDS 1000

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

MAIN CASING Nominal diameter Total depth TYPE (nearest inch) (nearest foot) (PL) (4) (44) (70)

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

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

DEPTH (nearest ft.) (HO) (42) (205) (21)

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...

DRILLERS IDENT. NO. 273

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

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

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

C 3

PUMPING TEST HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min. to nearest gal.) 9 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 22 WHEN PUMPING 22 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 (-) below LAND SURFACE (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)

