SYSTEM FIRST BEFORE BUILDING PERMIT CAN BE SIGNED.

APPROVED 11/29/79 RH P 30213

PERMIT

A 27436

10/26/79 pm. phone

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

HOWARD COUNTY

INDEXED

ELLICOTT CITY

DISTRICT 5th

11/29/79

DATE 9/27/79

South Carroll BAckhoe Service IS PERMITTED TO INSTALL X ALTER

ADDRESS 7311 Brangles Road, Marriottsville, Md. 21104 PHONE 795-2642

SUBDIVISION Fox Pause ROAD 6590 Route 32 LOT # 8

PROPERTY OWNER Edwin G. Willson

ADDRESS Box 32, Ashton, Md. 20702 Phone: 854-0300

SPECIFICATIONS 4 bedrooms

SEPTIC TANK CAPACITY 1250 GALLONS

DRAIN FIELD _____ DEPTH _____ FEET, BOTTOM AREA _____ SQ. FT.

DEEP TRENCH _____ DEPTH _____ FEET, BOTTOM AREA _____ SQ. FT.

SEEPAGE PITS V ABSORBENT SIDE-WALL AREA 480 SQ. FT.

INLET PIPE 2 FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH 10 FT. BELOW ORIGINAL GRADE

EFFECTIVE DEPTH AT _____ FT. BELOW ORIGINAL GRADE.

LOCATE DISPOSAL AREA 109 FT. FROM FRONT LOT LINE AND 48 FT. FROM RIGHT LOT LINE AS SEEN WHEN FACING LOT FROM RT 32

TRENCH - To be 10 ft. deep, with 7 ft. stone, 2 ft. wide and 70 ft. long if 3 bedroom and 85 ft. long if 4 bedroom. Run ditch on 473 ft. contour line as shown on plans. Locate trench 105 ft. from front lot line and 105 ft. from the right side line as seen when facing lot from Route 32.

9/28/79 CHANGED TO DW 120 SQFT PER BR 10FT DEEP BOTTOM AT 2FT DEEP INLET RH

PLANS APPROVED BY Raymond Hodges DATE 10/17/78

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: IF TRENCH IS USED CALL FOR INSPECTION BEFORE PLACING GRAVEL IN TRENCH.

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER.

NOTE: ALL PIPE FROM HOUSE TO DISPOSAL AREA MUST BE CAST IRON.

p.p. appl # 41401 signed 10/22/79

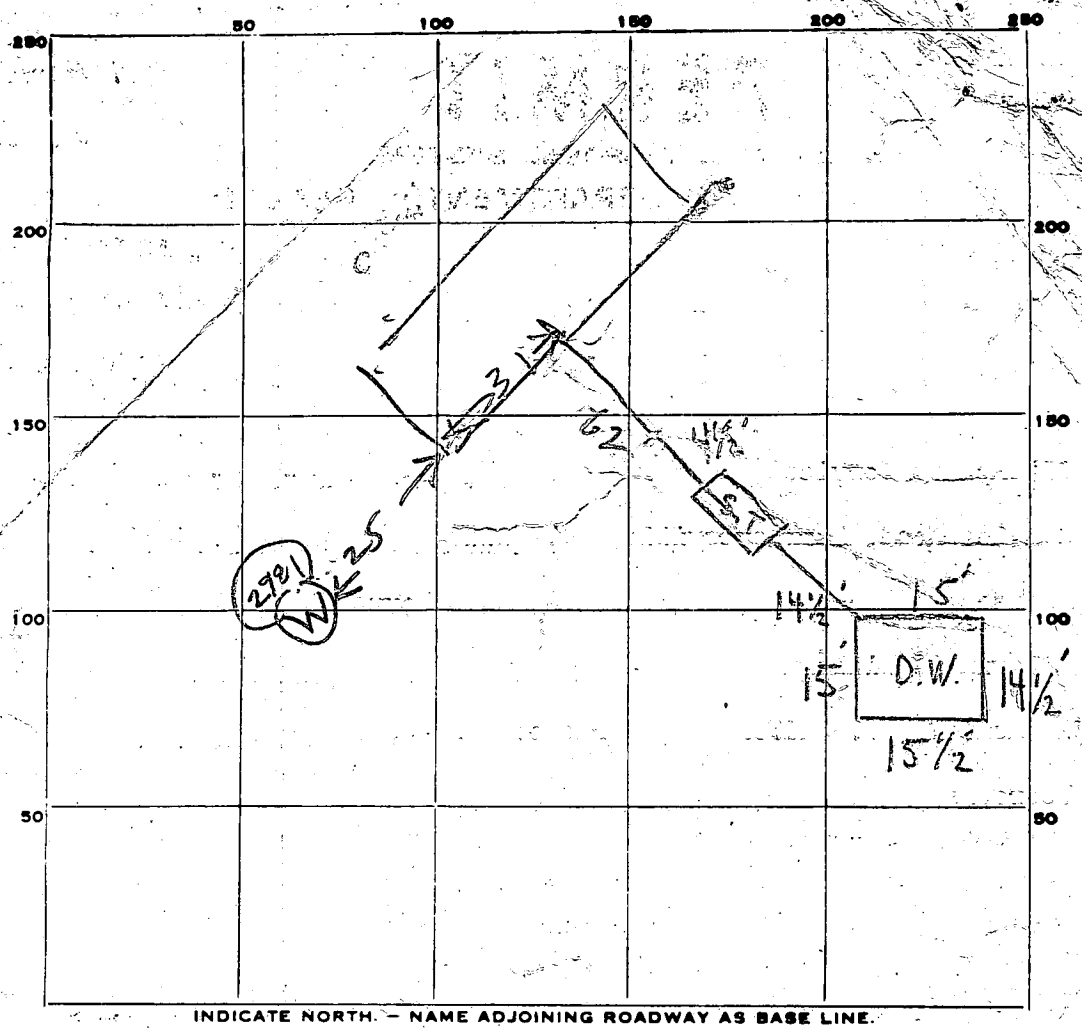
PERMIT VOID AFTER THREE YEARS.

NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA ACCEPTED.

A 27436

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

HD - 23 PLACE DW 100FT FROM WATER WELL 109 FT FROM FRONT LOT LINE & 48 FT FROM RIGHT SIDE OF LOT AS SEEN WHEN FACING THE LOT FROM RT 32 OK TO HAVE DITCH OFF DW FOR 70FT WITH 10" STONE



INDICATE NORTH. – NAME ADJOINING ROADWAY AS BASE LINE.

PERMIT CARD ✓

SEPTIC TANK, LEVEL ✓ CLEANOUTS S.T. ✓ | D.W. ✓

DISTRIBUTION BOX, LEVEL

TILE FIELD, DEPTH ____ FT. TRENCH WIDTH ____ FT.

GRAVEL DEPTH ____ IN. TOTAL LENGTH ____ FT.

NUMBER OF TRENCHES ____ TOTAL BOTTOM AREA ____

SEEPAGE PITS, INSIDE DIAMETER 60 FT. DEPTH BELOW INLET 8 FT.

ABSORBENT AREA 480 SQ. FT.

REMARKS 10/2/79 Partial - sewer house connection C.B.S.

11/6/79 - HOUSE CONNECTION O/K

DATE SYSTEM APPROVED 11/29/79 INSPECTOR Raymond Hobson

Prel.

APPLICATION

A 27436

P

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES
P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 465-5000, EXT. 356

DISTRICT 5th

DATE 1/13/78

SYSTEM FIRST.

SEE SEPARATE SHEET FOR SPECS

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 Edwin G. Willson property

ADDRESS (Near Trotter Road) PHONE

PROPERTY LOCATION:

SUBDIVISION Fox Pause LOT NO. 8

ROAD AND DESCRIPTION Route 32

SIZE OF LOT 3 acres m/l TYPE BLDG. 3 or 4 bedrooms
NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE.

SIGNATURE OF APPLICANT /s/ Edwin G. Willson

APPROVED BY Raymond Hodges FOR DRYWELL (KIND OF SYSTEM) DATE 10/17/78

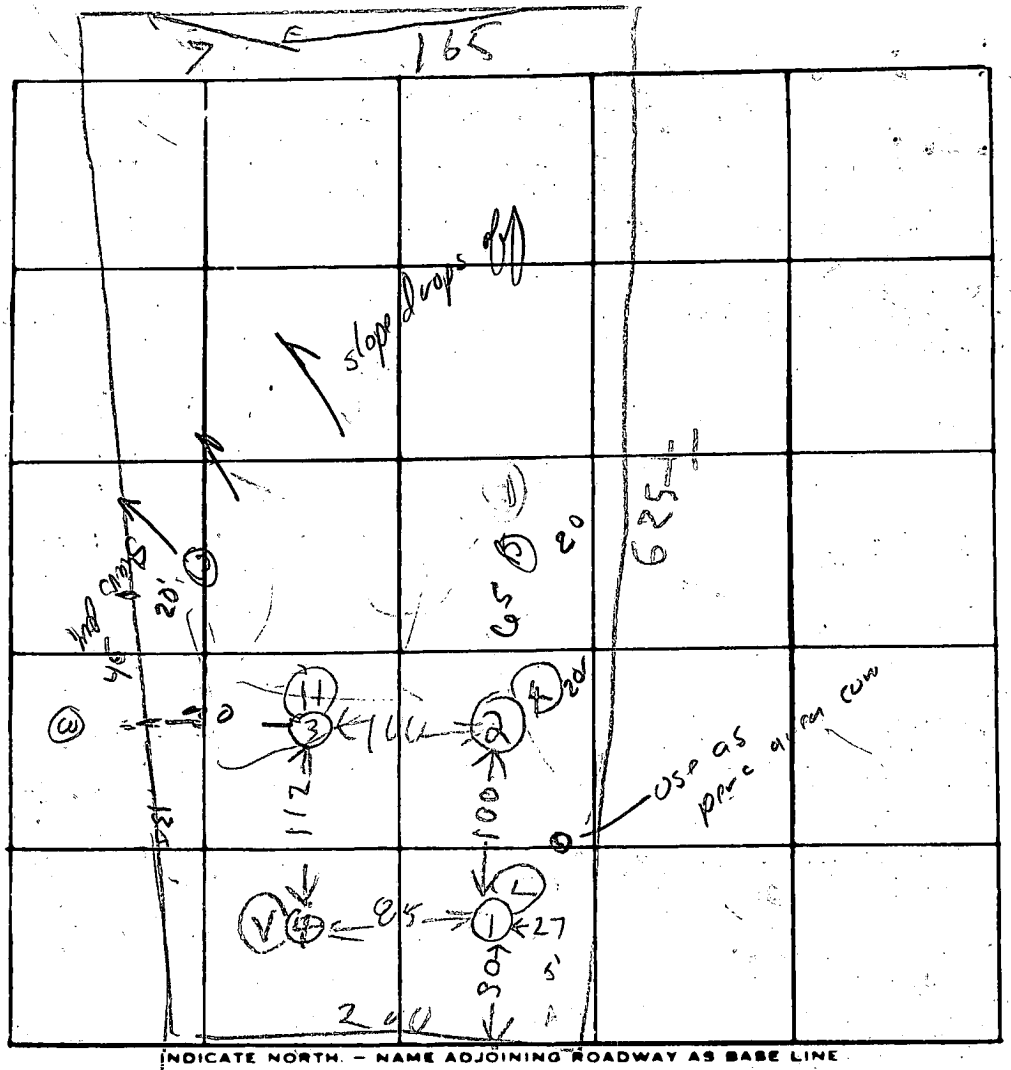
REJECTED BY FOR (KIND OF SYSTEM) DATE

HOLD PENDING FURTHER TESTS DATE

REASONS FOR REJECTION OR HOLDING 2/1/78 Perc OK Hold for certified Hole B/I

FINAL PLAT SIGNED 10/17/78

THIS IS NOT A PERMIT



INDICATE NORTH. – NAME ADJOINING ROADWAY AS BASE LINE

ROUTE 32 TO CLARKSVILLE →

DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME
2/1/78	1D	14	1024	1034	1034	1058	24
	1S	4	1024	1027	1027	1034	5
	2S	4	1025	1026	1026	1028	2
	2D	12	1025	1029	1029	1050	21
	3D	13½	1036	1041	1041	1052	11
	3S	4	1036	1037	1037	1038	1
2/1/78	4V	12	TOP 3 FT BOT 9 FT	CLAY SANDY			27
4/10/40 Lot 9	Lot 9 A	5'	136	139	137	135	1
	Lot 8 A	13'	136	142	142	148	6
	Lot 8 B	2'/37	140/145	148/154	148/154	148/201	7

0/04

REMARKS Hole Pattern is different from testing of Lot

TYPE OF SOIL Loam

TESTED BY R Hodges + D201 ALSO PRESENT: Fyock

Lot 8

P 30213
A 27436

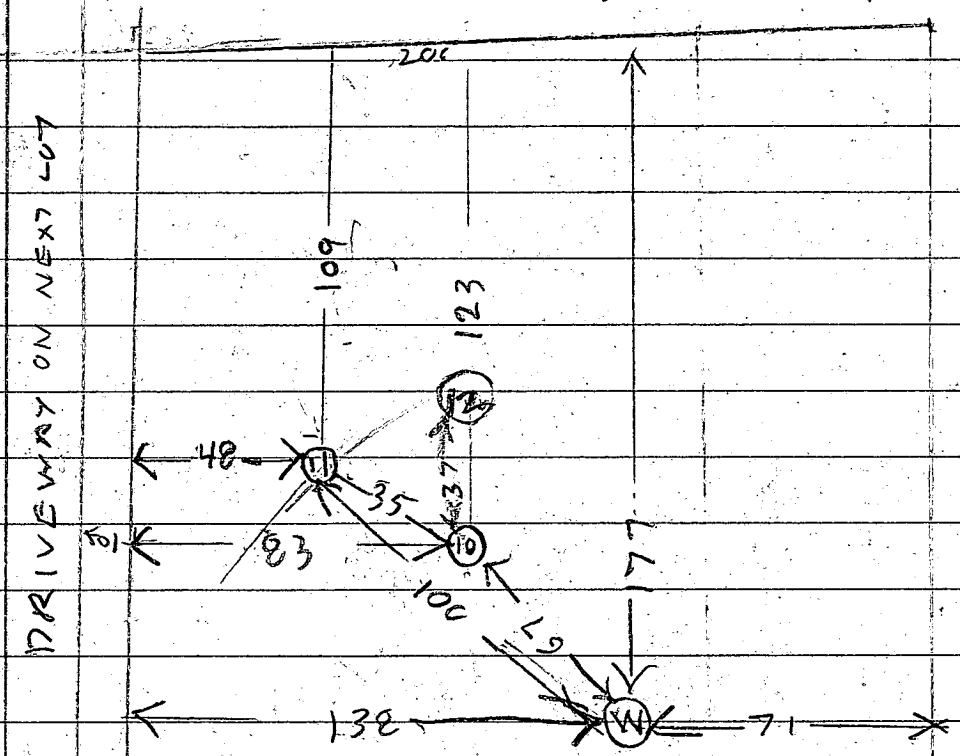
35 FOX DRUSE LOT 8 RT 32

107

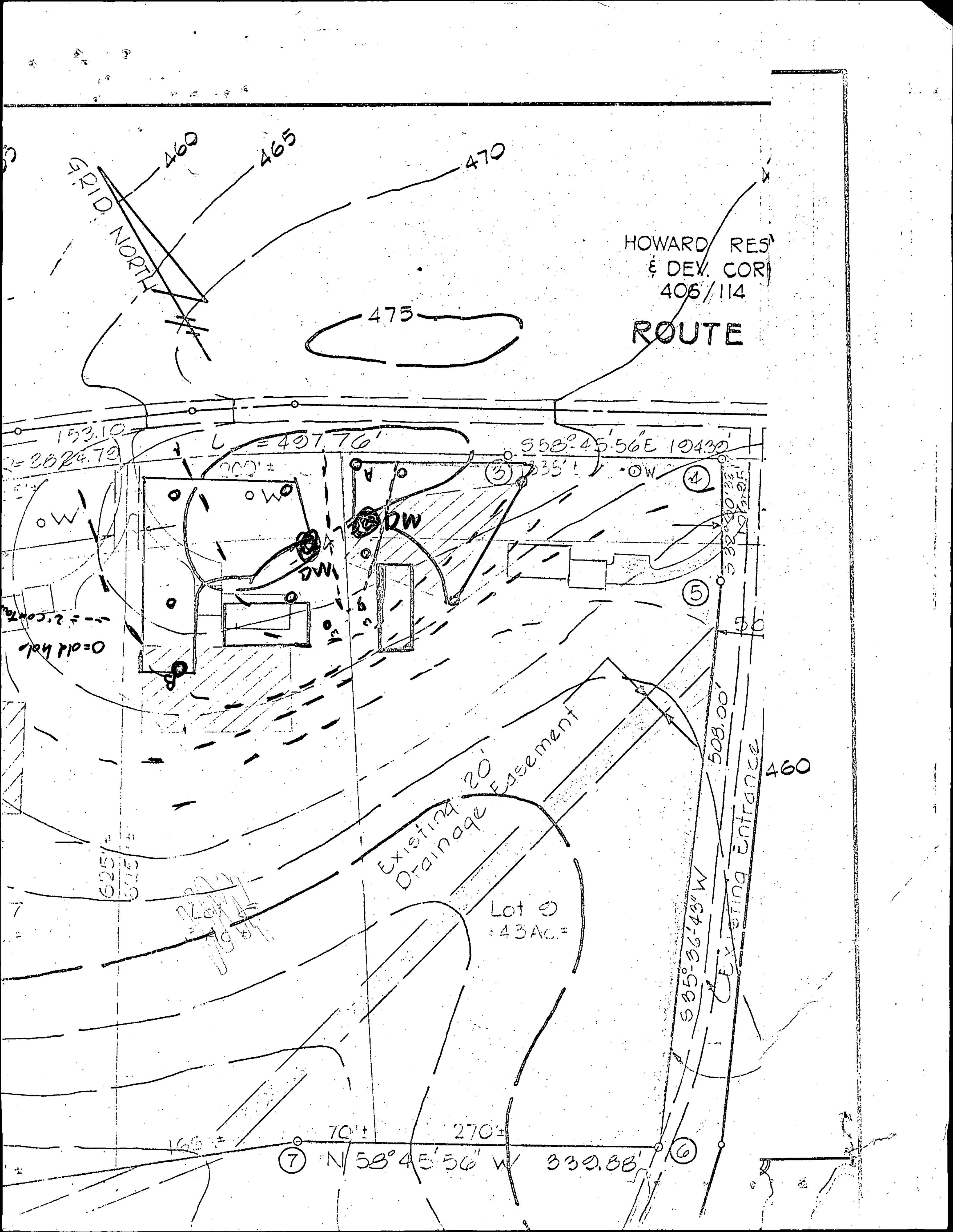
ROUTE 32

HOLE ELEVATION
ESTIMATED
12 = + 2 HIGH
10 = + 1 MED-1
11 = + 0 LOW

WATER WELL
+ 5



10 V	12½	TOP 2 FT CLAY BOT 12½ FT SAND
11 V	10	TOP 2 FT CLAY BOT 8 FT ROCKS & SAND HARD BOT
12 V	9	TOP 2 FT CLAY MID 6 FT ROCKS & SAND ROCK BOTTOM



GRID NORTH
460
465
470
475
HOWARD RES
& DEV. CORP
406/114
ROUTE
L = 497.76'
153.10
S58°45'56"E 194.30'
DW
DW
O = old hole
Existing 20' Drainage Easement
Lot 9
43 Ac.±
508.00'
S35°36'49"W
Existing Entrance
460
70'±
270'±
N58°45'56"W 339.88'

DNR-131 (7-77)

EMERGENCY NO. (If any) –

B	1	4462	SEQUENCE NO. (WRA USE ONLY)

1 2 3 (SEQ. NO.) 6
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

10/27/78
9:30 A.M.

STATE OF MARYLAND
WATER RESOURCES ADMINISTRATION
TAWES STATE OFFICE BLDG., ANNAPOLIS, MARYLAND 21401
APPLICATION FOR PERMIT TO DRILL WELL

WRA PERMIT NUMBER: HO-73-2981

FILL IN THIS FORM COMPLETELY

DATE RECEIVED (WRA USE ONLY): ~~10/17/78 9:30~~ ~~10/23/78 9:30~~ ~~10/20/78 9:30 A~~

OWNER: Willson Ed — COL 15 LAST NAME — FIRST NAME — COL. 34

STREET OR RFD: Rt 32 — COL 36 — COL. 55

POST OFFICE: ashton md. — COL 57 — COL. 76

8-13

B	1	CONTINUED	DRILLER INFORMATION

1 2 3 (SEQ. NO.) 6

DATE: 8/15/78 LICENSE NUMBER: 40 (77–80)

DRILLER: W. F. Pettersfield (FIRST NAME — LAST NAME)

SIGNATURE: W. F. Pettersfield

B	3		LOCATION OF WELL

1 2 3 (SEQ. NO.) 6

COUNTY: Howard (DO NOT ABBREVIATE COUNTY NAME) 8–21

SUBDIVISION: 3070ch Pines sub. 23–42

SECTION: 44–46 LOT: 8 48–50

NEAREST TOWN: Clarksville 52–71

MILES FROM TOWN (ENTER O IF IN TOWN): 2 73–76 [M] [I] 77 78

B	2		WELL INFORMATION

1 2 3 (SEQ. NO.) 6

MAXIMUM PUMPING RATE (GALLONS PER MINUTE): 5 (8–12)

AVERAGE DAILY QUANTITY NEEDED (GALLONS PER DAY): 600 (14–20)

USE FOR WATER (CIRCLE APPROPRIATE BOX)

22
- (D) HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY) — circled
- F FARMING, AGRICULTURE, IRRIGATION
- I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOVERNMENT.
- M MUNICIPAL WATER SUPPLY
- P PRIVATE WATER COMPANY
  } MUST HAVE STATE HEALTH DEPT. APPROVAL
- T TEST

B	4		DIRECTION FROM TOWN (CIRCLE APPROPRIATE BOX)

1 2 3 (SEQ. NO.) 6

N NORTH — (E) EAST (circled) — N E NORTHEAST — S E SOUTHEAST
S SOUTH — W WEST — N W NORTHWEST — S W SOUTHWEST
8 8 8 9 8 9

NEAR WHAT ROAD: Rt 32 (11–30)

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX): NORTH N — SOUTH (S) (circled) — EAST E — WEST W (32)

DISTANCE FROM ROAD (ENTER DISTANCE AND CIRCLE APPROPRIATE BOX): 150 (34–37) [F] [T] [M] [I] 38 39

APPROXIMATE DEPTH OF WELL: 150 FEET (24–28)

APPROXIMATE DIAMETER OF WELL: 6 (NEAREST INCH)

METHOD OF DRILLING USED (CIRCLE APPROPRIATE METHOD)

30-37
- BORED (OR AUGERED) — JETTED — DRIVEN
- AIR-ROTARY — AIR-PERCUSSION — ROTARY (HYDRAULIC ROTARY)
- CABLE — REVERSE-ROTARY — DRIVE-POINT
- OTHER (DESCRIBE)

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS, ROADS AND STREAMS WITH NORTH IN THE DIRECTION OF THE ARROW, AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION OR STREAM CROSSING SHOWN ON THE SKETCH. ALSO SHOW, BY MEANS OF AN "X", THE WELL LOCATION IN THE BOX BELOW AND THE BOX NUMBER FROM THE WELL LOCATION MAP.

N
30' - CASING
2' ABOVE GR
26 - OPEN HOLE
7 - BAGS CEMENT
Rt 32

OK
JB 10/27/78

REPLACEMENT OR DEEPENED WELLS (CIRCLE APPROPRIATE BOX)

39
- (N) THIS WELL WILL NOT REPLACE AN EXISTING WELL — circled
- 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 DEEPEN AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPENED (IF AVAILABLE) 41–52

NOT TO BE FILLED IN BY DRILLER (WRA USE ONLY)

APPROPRIATION PERMIT NUMBER (G A P) 54–63 — ENGINEER REVIEW DISTRICT NO. 65

FORCE (67 68) WRITE INITIALS IN BOX — CONDITIONS A E N S G W Q C L U (70–79): ✓ ✓

BOX NUMBER: E 820 — N 490

0/5 — 5/5 — 0/0 — 5/0 (X marked in box)

B	4	CONTINUED	HEALTH DEPARTMENT APPROVAL

1 2 3 (SEQ. NO.) 6

41 (S) STATE HEALTH (CIRCLE BOX) — Howard (COUNTY NAME) — W28828 (COUNTY NO.)

DATE (MO. DAY YR.): 0 9 0 8 7 8 (43–48)

APPROVED BY: Fred Frommelt (signature)
Fred Frommelt, Sanitarian

NORTH COORDINATE: 4 4 0 0 0 0 (50–55)

EAST COORDINATE: 0 8 2 0 0 0 0 (57–63)

ELEVATION AT WELL HEAD (FEET): 65 66 67 68

B	5		SPECIAL CONDITIONS 8-63 (WRA USE ONLY)

1 2 3 (SEQ. NO.) 6 — 8 — 63

HEALTH

DNR-214 (7-77)

C 1 2602 — SEQUENCE NO. (WRA USE ONLY) — (1 2 3 (SEQ. NO.) 6) (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND
WATER RESOURCES ADMINISTRATION
TAWES STATE OFFICE BLDG., ANNAPOLIS, MD. 21401
WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 30 DAYS AFTER WELL COMPLETION

FILL IN THIS FORM COMPLETELY

COUNTY NUMBER

DATE RECEIVED (WRA USE ONLY) 8-13

DATE WELL COMPLETED: 10/27/78 (15–20)

DEPTH OF WELL: 200 (TO NEAREST FOOT) (22–26)

PERMIT NO. FROM "PERMIT TO DRILL WELL": [illegible] (28 29 30 31 32 33 34 35 36/37)

DRILLERS IDENTIFICATION NO.: 40

OWNER: Willson Ed (LAST NAME / FIRST NAME)

STREET OR RFD: Box 32 POST OFFICE: Ashton, Md.

WELL DESCRIPTION

WELL LOG

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

DESCRIPTION (USE ADDITIONAL SHEETS IF NECESSARY)	FEET FROM	FEET TO	CHECK IF WATER BEARING
Top Soil	0	2	
Shale	2	10	
Sandy	10	20	
Sand Stone	20	50	
Mica	50	70	
Sand Stone	70	80	W
Mica	80	200	

GROUTING RECORD

WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX): YES (Y) NO (N) (44)

TYPE OF GROUTING MATERIAL (CIRCLE BOX): CEMENT (C M) (45 46) BENTONITE CLAY (B C) (45 46)

NO. OF BAGS: 7 NO. OF POUNDS: 700

GALLONS OF WATER: 35

DEPTH OF GROUT SEAL (TO NEAREST FOOT)

FROM: 0 (48–52) FT. TO: 26 (54–58) FT.

(ENTER 0 IF FROM SURFACE)

CASING RECORD

CASING TYPES — INSERT APPROPRIATE CODE BELOW

ST STEEL; CO CONCRETE; PL PLASTIC; OT OTHER

MAIN CASING TYPE	NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH)	TOTAL DEPTH OF MAIN CASING (NEAREST FOOT)
ST (60 61)	6 (63–64)	30 (66–70)

OTHER CASING (IF USED)

EACH CASING

	DIAMETER (INCH)	DEPTH (FEET) FROM	TO
1			
2			

SCREEN RECORD

SCREEN TYPE OR OPEN HOLE — INSERT APPROPRIATE CODE BELOW

ST STEEL; BR BRASS OR BRONZE; HO OPEN HOLE; PL PLASTIC; OT OTHER

C 2 (1 2 3 (SEQ. NO.) 6)

DEPTH (NEAREST WHOLE FOOT)

EACH SCREEN

	FROM	TO
1	80 (8–9)	28 (11–15)	90 (17–21)
2	(23–24)	(26–30)	(32–36)
3	(38–39)	(41–45)	(47–51)

SLOT SIZE 1. ____ 2. ____ 3. ____

DIAMETER OF SCREEN ____ (56–60) (NEAREST INCH)

GRAVEL PACK FROM ____ TO ____

IF WELL DRILLED WAS A FLOWING WELL CIRCLE BOX: 68 F

WRA USE ONLY (NOT TO BE FILLED IN BY DRILLER)

T (70) TELESCOPE CASING; (E.R.O.S.) (72) LOG INDICATOR; W Q (74 75 76) OTHER DATA AVAILABLE

C 3 — PUMPING TEST

(1 2 3 (SEQ. NO.) 6)

HOURS PUMPED (TO NEAREST HOUR): 3 (8–9)

PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON): 2 (11–15)

METHOD USED TO MEASURE PUMPING RATE: Bucket

WATER LEVEL: (DISTANCE FROM LAND SURFACE)

BEFORE PUMPING: 25 (17–20) (NEAREST FOOT)

WHEN PUMPING: 900 (22–25) (NEAREST FOOT)

TYPE OF PUMP USED (CIRCLE APPROPRIATE BOX) (FOR PUMPING TEST)

A AIR (27); P PISTON (27); T TURBINE (27); C CENTRIFUGAL (27); R ROTARY (27); O OTHER (DESCRIBE BELOW) (27); J JET (27); S SUBMERSIBLE (27)

PUMP INSTALLED

TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX – SEE ABOVE: A, C, J, P, R, S, T, O) (29)

DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX): YES (Y) NO (N)

CAPACITY:

GALLONS PER MINUTE (TO NEAREST GALLON) (31–35)

PUMP HORSE POWER (37–41)

PUMP COLUMN LENGTH (NEAREST FOOT) (43–47)

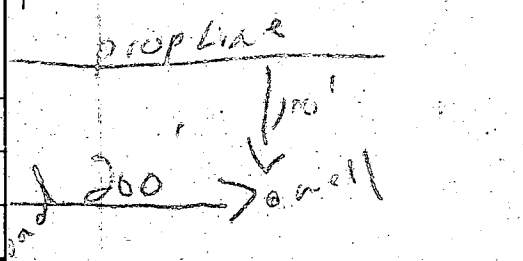
CASING HEIGHT (CIRCLE APPROPRIATE BOX AND ENTER CASING HEIGHT)

+ ABOVE; – BELOW (49) LAND SURFACE 2 (50–51) (NEAREST FOOT)

LOCATION OF WELL ON LOT

N

SHOW PERMANENT STRUCTURE SUCH AS BUILDINGS, SEPTIC TANKS, AND/OR OTHER LAND MARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL).



CIRCLE APPROPRIATE BOXES

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 I HAVE COMPLIED WITH ALL CONDITIONS STATED ON THE ABOVE-CAPTIONED "PERMIT TO DRILL WELL", AND THAT INFORMATION CONTAINED IN THIS REPORT IS TRUE, ACCURATE, AND COMPLETE TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF.

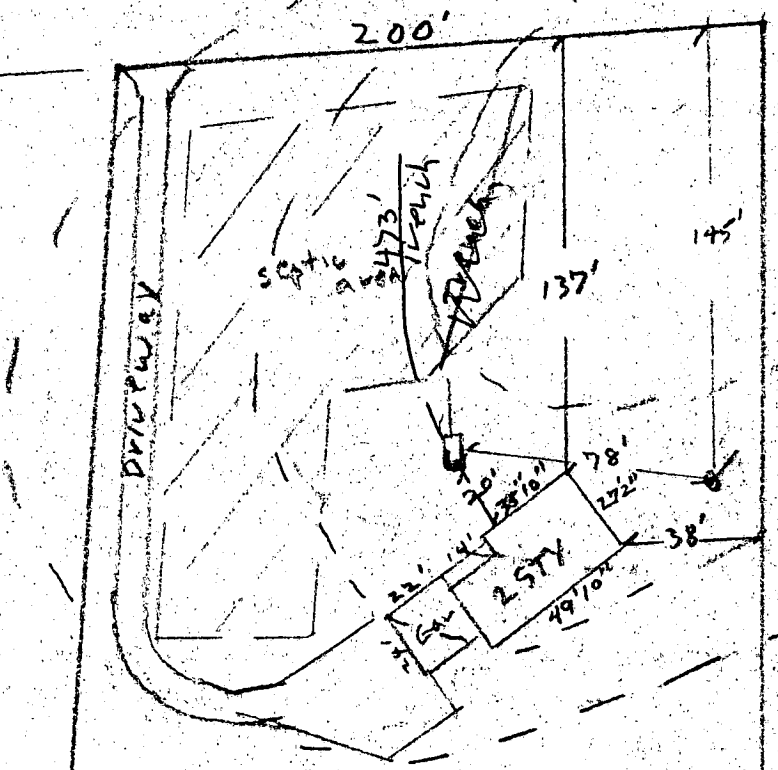
DRILLERS NAME (PLEASE PRINT): George F Easterday

SIGNATURE: George F Easterday

HEALTH

Lot 8 Fox Pause Sub
6590 #32 Clarksville Md

1" = 50' 1-60



F.F. 475'

Base 468'

In Base 473' out .4 ok

In Tank 472.6' in

Exist Tank 473'

Inv Trench 471' > 2'

Exist Trench 475' 473'

Exist Test 475'

Well 473' 473'

elev. of F.F.
10.22-79