

10/2/78
trench
10/5/78
10/3/78

File

10/3/78 P.C.O.
C.B.

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

HOWARD COUNTY

05-378931

ELLCOTT CITY

DISTRICT 5th

DATE 8/8/78

P 28648

A 27071

INDEXED

Luther M. Peninger

IS PERMITTED TO INSTALL ALTER

ADDRESS 1905 Charleston Place, W. Hyattsville, Md. 20783 PHONE 422-8704

SUBDIVISION Williams Contrivance Estates ROAD 9443 Ellsworth Court LOT 5, Sec. 2

PROPERTY OWNER Luther M. Peninger

ADDRESS same as above

SPECIFICATIONS 4 bedrooms (Garbage disposal to be installed - increase tank capacity by 50% and sewage disposal area by 22%)
SEPTIC TANK CAPACITY 1250 GALLONS

DRAIN FIELD DEPTH FEET, BOTTOM AREA SQ. FT.

DEEP TRENCH DEPTH FEET, BOTTOM AREA SQ. FT.

SEEPAGE PITS ABSORBENT SIDE-WALL AREA 125 SQ. FT. sidewall area per bedroom below inlet.

INLET PIPE 4 FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH 11 FT. BELOW ORIGINAL GRADE

EFFECTIVE DEPTH AT FT. BELOW ORIGINAL GRADE.

LOCATE DISPOSAL AREA 120 FT. FROM ELLSWORTH COURT AND 60 FT. FROM RIGHT LOT LINE AS SEEN WHEN

LOCATING LOT FROM EXISTING

Locate dry well 120 ft. from Ellsworth Court and 60 ft. from right lot line as seen from Ellsworth Court.

PLANS APPROVED BY Charles B. Streaker & Fred Frommelt

DATE 4/6/77 & 7/24/78

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.

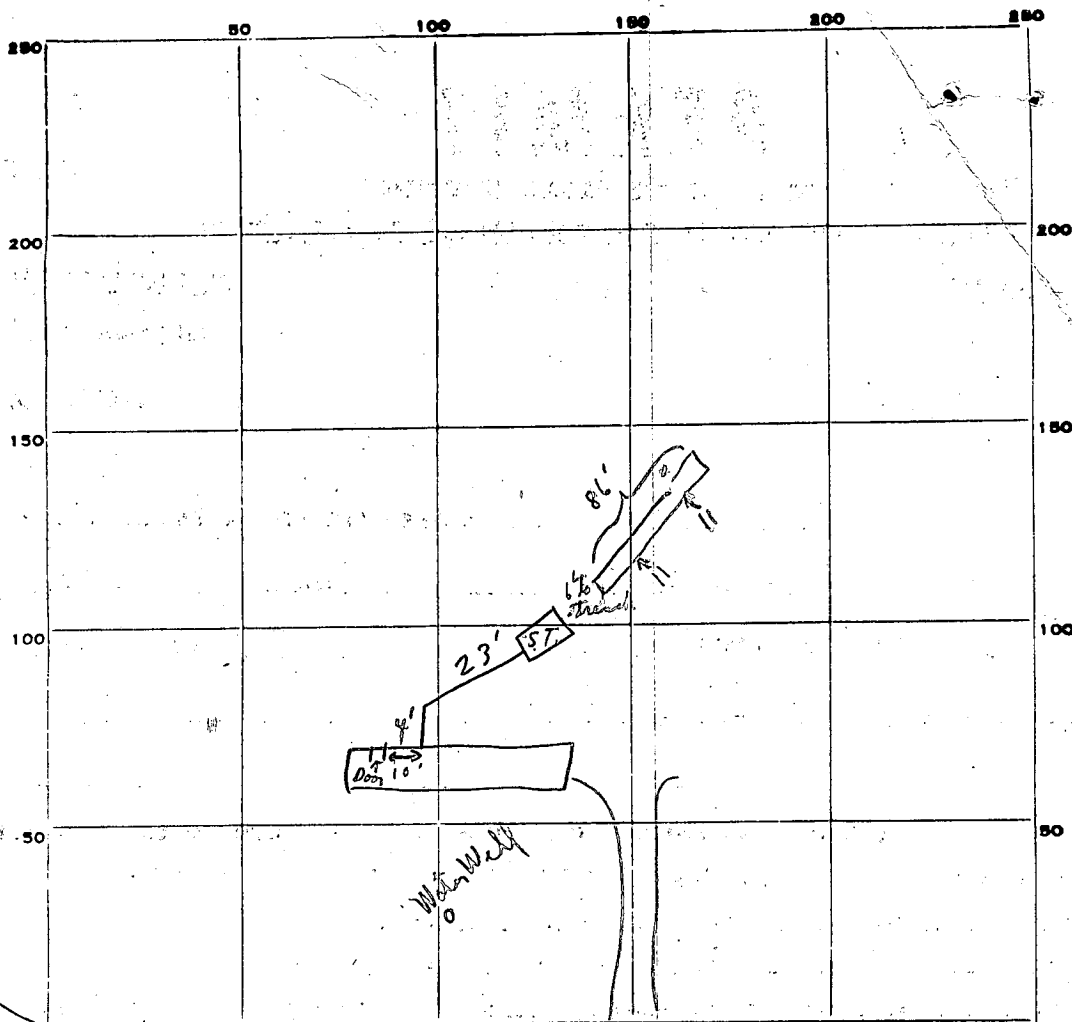
NOTE: ALL PIPE FROM HOUSE TO DISPOSAL AREA MUST BE CAST IRON.

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.

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

A 27071



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

PERMIT CARD _____
 SEPTIC TANK, LEVEL ok CLEANOUTS ok | N/A (Septic tanks at grade)
 DISTRIBUTION BOX, LEVEL N/A
 TILE FIELD, DEPTH 11 FT. TRENCH WIDTH _____ FT.
 GRAVEL DEPTH 7 1/4 IN. TOTAL LENGTH 86 FT.
 NUMBER OF TRENCHES _____ TOTAL BOTTOM AREA _____
 SEEPAGE PITS, INSIDE DIAMETER _____ FT. DEPTH BELOW INLET _____ FT.
 ABSORBENT AREA 602 SQ. FT.

REMARKS 10/3/78 Stone in trench; inlet to trench 3'± below grade; need pipe to trench; ok to backfill to septic tanks. trench to 2 1/2' average. 10/5/78 Paper on
C.B.D.

DATE SYSTEM APPROVED 5 Oct 78 as INSPECTOR C. B. Atwater
per above

APPLICATION

A 27071

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 10/14/77

Part system in first apt. med. or D.W.M. 7/20/78 See next page for spec.

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 C. Ellsworth Iager Luther M. Peninger

ADDRESS Route 216, Fulton, Md. PHONE 422-7704

PROPERTY LOCATION: 1905 Charleston Place W. Hyattsville, Md. 20783

SUBDIVISION Williams Contrivance Estates LOT NO. 5, Sec. 2

ROAD AND DESCRIPTION off Reservoir Road 9443 Ellsworth Ct.

SIZE OF LOT ? 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/ C. Ellsworth Iager BLDG. PERMIT SIGNED AND RETURNED 7/25/78

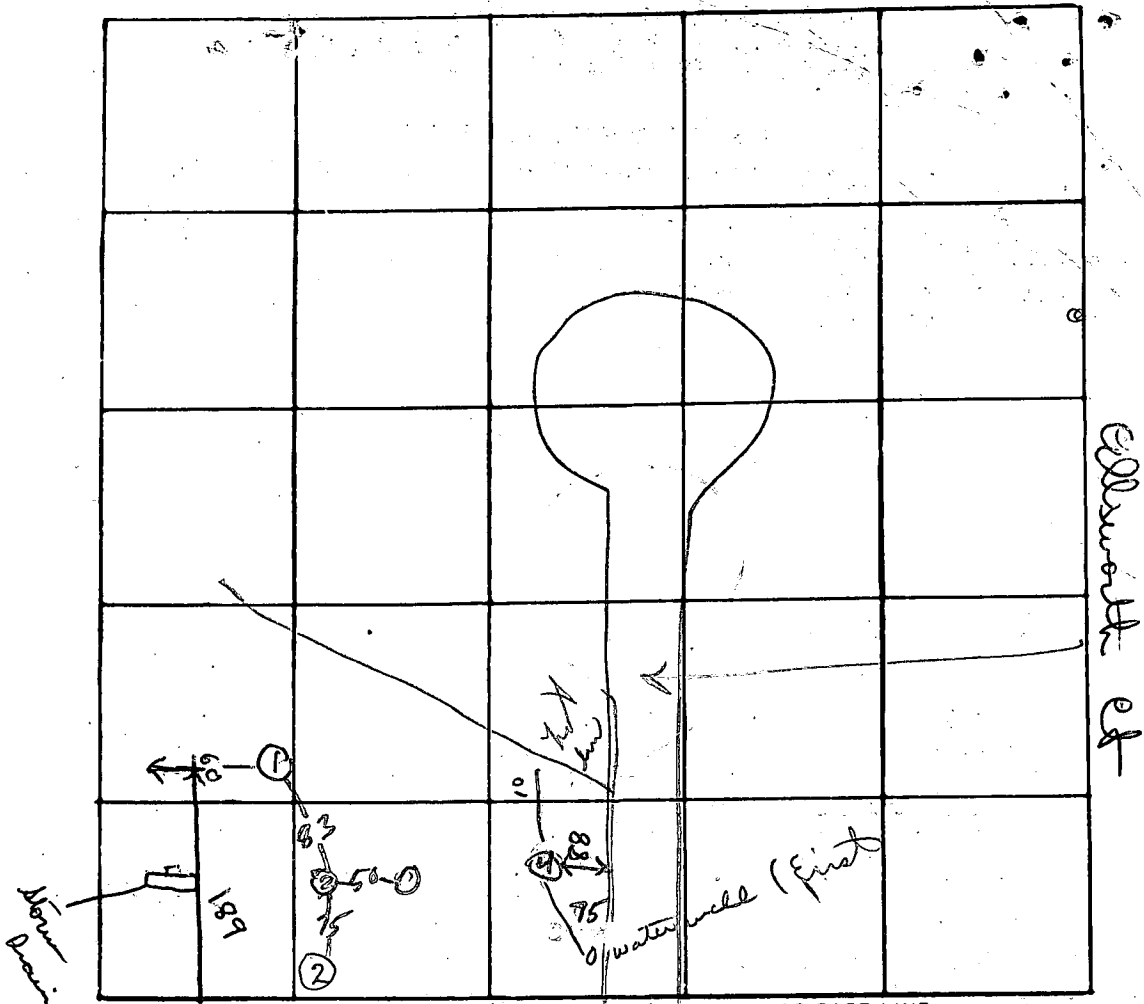
APPROVED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

REJECTED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 10/21/77 Bays + C. Bd.

THIS IS NOT A PERMIT



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Local Rd

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
	1	12	Water @	12 ft			
	2	3 1/2	11 24	11 36	11 26	11 31	5
	2a	15	11 24	11 30	11 30	11 46	16
	3	Visual	15 ft	(2 ft fill)	Sandy Mica	3 1/2 - 13	
	4	12 1/2	Visual	Sandy Mica			4 - 12

REMARKS _____

TYPE OF SOIL _____

TESTED BY _____ ALSO PRESENT: _____

APPLICATION

A 23449

P _____

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

DISTRICT 5

P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 465-5000, EXT. 356

DATE 6/18/75

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.

C. Ellsworth Iager

PROPERTY OWNER _____

ADDRESS Fulton, Maryland PHONE 725-2075

PROPERTY LOCATION: Williams Contrivance Estates

SUBDIVISION _____ LOT NO. 5, Sec. 2

ROAD AND DESCRIPTION Ellsworth Drive & Ellsworth Court

SIZE OF LOT 65,000 sq. ft. TYPE BLDG. 3 of 4

IF NOT SINGLE RESIDENCE DESCRIBE _____
NUMBER OF BEDROOMS
(Single Fmly. Dwllg.)

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

SIGNATURE OF APPLICANT /s/ C. Ellsworth Iager

APPROVED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

REJECTED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

INDICATE NORTH. — NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST .1" DROP		TIME
			START	STOP	START	STOP	

REMARKS _____

TYPE OF SOIL _____

TESTED BY _____ ALSO PRESENT: _____

STATE OF MARYLAND WATER RESOURCES ADMINISTRATION TAWES STATE OFFICE BLDG., ANNAPOLIS, MARYLAND 21401 APPLICATION FOR PERMIT TO DRILL WELL WRA PERMIT NUMBER HD-73-2307

OWNER: Permittion [unclear] FIRST NAME: [unclear] COL. 34 LAST NAME: [unclear] COL. 57 STREET OR RFD: 1905 [unclear] COL. 36 POST OFFICE: W. [unclear] COL. 57 DATE RECEIVED: 10/14/77 9:30a

B 1 CONTINUED DRILLER INFORMATION DATE: 10/18/77 LICENSE NUMBER: 42 77 80 FIRST NAME: [unclear] DRILLER LAST NAME: [unclear] SIGNATURE: [unclear]

B 3 LOCATION OF WELL COUNTY: Howard (DO NOT ABBREVIATE COUNTY NAME) SUBDIVISION: [unclear] SECTION: 2 LOT: 5 NEAREST TOWN: [unclear] MILES FROM TOWN: 2

B 2 WELL INFORMATION MAXIMUM PUMPING RATE (GALLONS PER MINUTE): 8 12 AVERAGE DAILY QUANTITY NEEDED (GALLONS PER DAY): 14 600 20

B 4 DIRECTION FROM TOWN (CIRCLE APPROPRIATE BOX) N NORTH E EAST NE NORTHEAST SE SOUTHEAST S SOUTH W WEST NW NORTHWEST SW SOUTHWEST NEAR WHAT ROAD: Reservoir Rd. ON WHICH SIDE OF ROAD: E DISTANCE FROM ROAD: 400

USE FOR WATER (CIRCLE APPROPRIATE BOX) D HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY) F FARMING, AGRICULTURE, IRRIGATION I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOVERNMENT. M MUNICIPAL WATER SUPPLY P PRIVATE WATER COMPANY T TEST

APPROXIMATE DEPTH OF WELL: 24 150 28 FEET APPROXIMATE DIAMETER OF WELL: 6 (NEAREST INCH)

METHOD OF DRILLING USED (CIRCLE APPROPRIATE METHOD) BORED (OR AUGERED) JETTED DRIVEN AIR-ROTARY AIR-PERCUSSION ROTARY (HYDRAULIC ROTARY) CABLE REVERSE-ROTARY DRIVE-POINT OTHER: (DESCRIBE)

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 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)

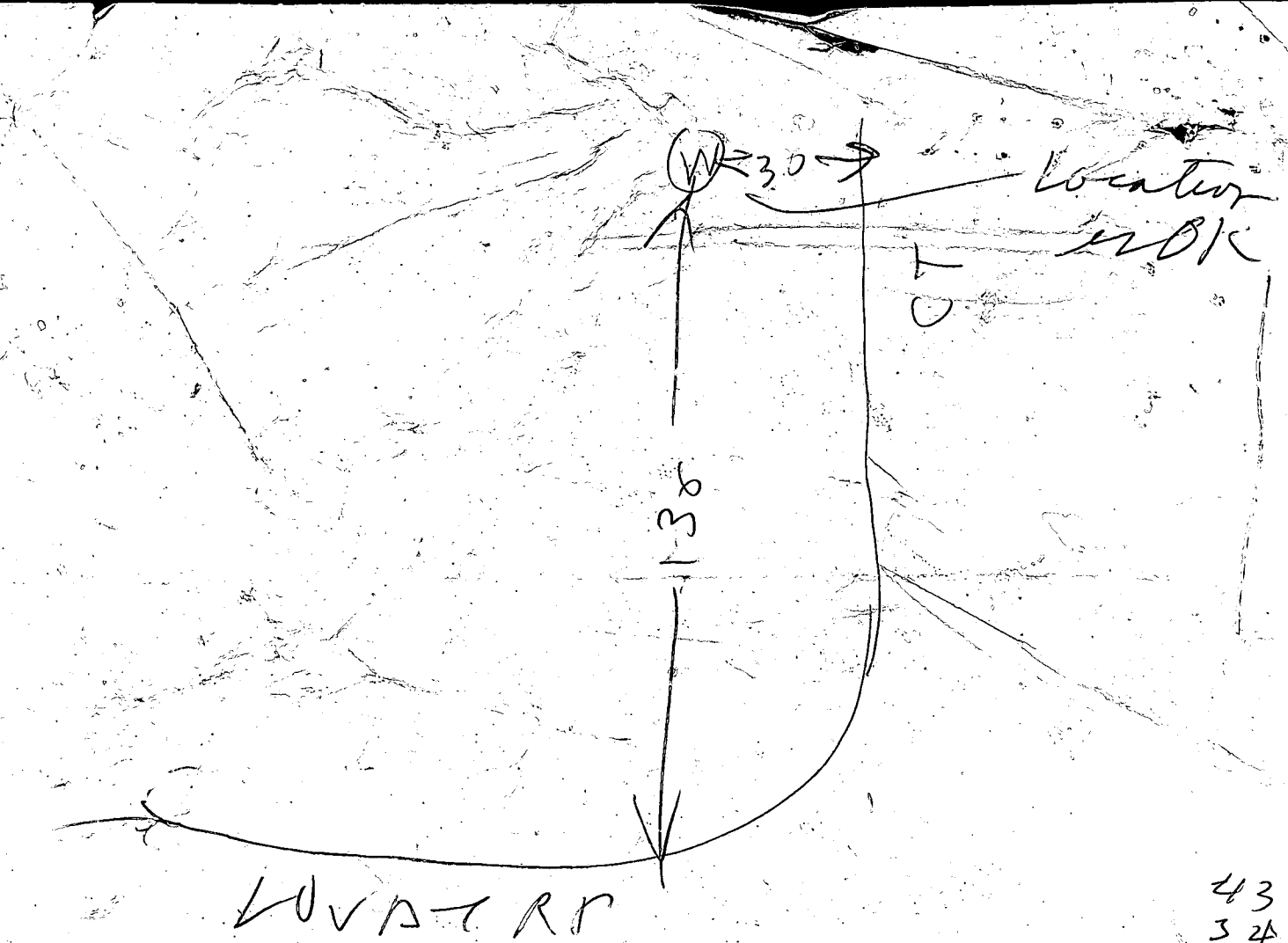
NOT TO BE FILLED IN BY DRILLER (WRA USE ONLY) APPROPRIATION PERMIT NUMBER: 54 ENGINEER REVIEW DISTRICT NO.: 63 FORCE: [unclear] WRITE INITIALS IN BOX: [unclear] CONDITIONS: [unclear]

10/14/77 well ok see other state RIT line in rd. [unclear]

B 4 CONTINUED HEALTH DEPARTMENT APPROVAL STATE HEALTH (CIRCLE BOX) S COUNTY NAME: Howard COUNTY NO.: W26854 DATE: 10/18/77 APPROVED BY: [unclear]

BOX NUMBER: E 910 N 470 NORTH COORDINATE: 50 51 52 53 54 55 EAST COORDINATE: 57 58 59 60 61 62 63 ELEVATION AT WELL HEAD (FEET): 65 66 67 68

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



43
 34
 89ft
 dirt

10/14/57 10 20 AM

- ① 45 ft of casing with 2 ft of ground
- ② 32 ft open hole depth to be grouted or
 mended with a cement
- ③ 10 ft open hole when pipe
 gotten down well
- ④ 8 bags used
- ⑤ Well n OK

R. Hodges

C 1 **0703** SEQUENCE NO. (WRA USE ONLY)

1 2 (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 COMPLETE

FILL IN THIS FORM COMPLETELY

COUNTY NUMBER

DATE RECEIVED (WRA USE ONLY)

DATE WELL COMPLETED 10/20/77

DEPTH OF WELL 200 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL"
HO-73-2307

DRILLERS IDENTIFICATION NO. 42

OWNER: Pennington Luther LAST NAME FIRST NAME W. H. Pennington

STREET OR RFD. 1905 Charleston Rd. POST OFFICE

WELL LOG

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

DESCRIPTION (USE ADDITIONAL SHEETS IF NECESSARY)	FEET		CHECK IF WATER BEARING
	FROM	TO	
Top Soil	0	3	
slaty	3	25	
SANDSTONE	25	50	✓
MCA	50	200	✓

GROUTING RECORD

WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX) YES NO

TYPE OF GROUTING MATERIAL (CIRCLE BOX):
 CEMENT BENTONITE CLAY

NO. OF BAGS 8 NO. OF POUNDS 200

GALLONS OF WATER 40

DEPTH OF GROUT SEAL (TO NEAREST FOOT)
 FROM 0 FT. TO 40 FT.

CASING RECORD

CASING TYPES: STEEL CONCRETE PLASTIC OTHER

MAIN CASING TYPE ST NOMINAL DIAMETER (NEAREST INCH) 4 TOTAL DEPTH OF MAIN CASING (NEAREST FOOT) 45

OTHER CASING (IF USED)

EACH CASING	DIAMETER (INCH)		DEPTH (FEET)	
	FROM	TO	FROM	TO

SCREEN RECORD

SCREEN TYPE OR OPEN HOLE: STEEL BRASS OR BRONZE PLASTIC OTHER

DEPTH (NEAREST WHOLE FOOT)

EACH SCREEN	FROM		TO	
	8	11	15	21
1	<u>10</u>	<u>43</u>	<u>200</u>	
2				
3				

SLOT SIZE 1, 2, 3,

DIAMETER OF SCREEN 56 (NEAREST INCH) FROM TO 60

GRAVEL PACK

IF WELL DRILLED WAS A FLOWING WELL CIRCLE BOX 68 F

WRA USE ONLY (NOT TO BE FILLED IN BY DRILLER)
 TELESCOPE CASING LOG INDICATOR OTHER DATA AVAILABLE

PUMPING TEST

HOURS PUMPED (TO NEAREST HOUR) 3

PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) 10

METHOD USED TO MEASURE PUMPING RATE bucket

WATER LEVEL: (DISTANCE FROM LAND SURFACE)
 BEFORE PUMPING 30 (NEAREST FOOT)
 WHEN PUMPING 200 (NEAREST FOOT)

TYPE OF PUMPED USED (CIRCLE APPROPRIATE BOX):
 AIR PISTON TURBINE
 CENTRIFUGAL ROTARY OTHER
 JET SUBMERSIBLE

PUMP INSTALLED

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

DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX) YES NO

CAPACITY:
 GALLONS PER MINUTE (TO NEAREST GALLON)
 PUMP HORSE POWER
 PUMP COLUMN LENGTH (NEAREST FOOT)

CASING HEIGHT (CIRCLE APPROPRIATE BOX AND ENTER CASING HEIGHT)
 ABOVE LAND SURFACE
 BELOW LAND SURFACE

CIRCLE APPROPRIATE BOXES

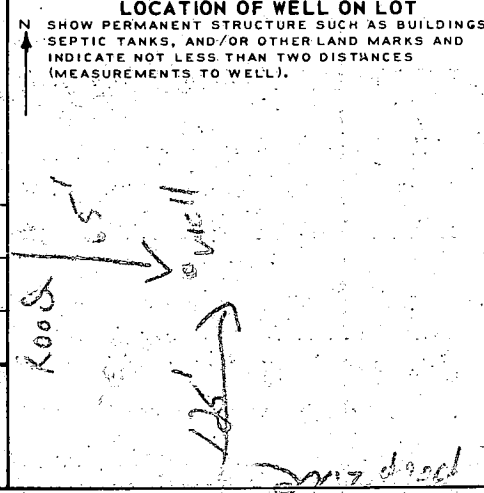
A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED.

E ELECTRIC LOG OBTAINED.

P TEST WELL CONVERTED TO PRODUCTION WELL.

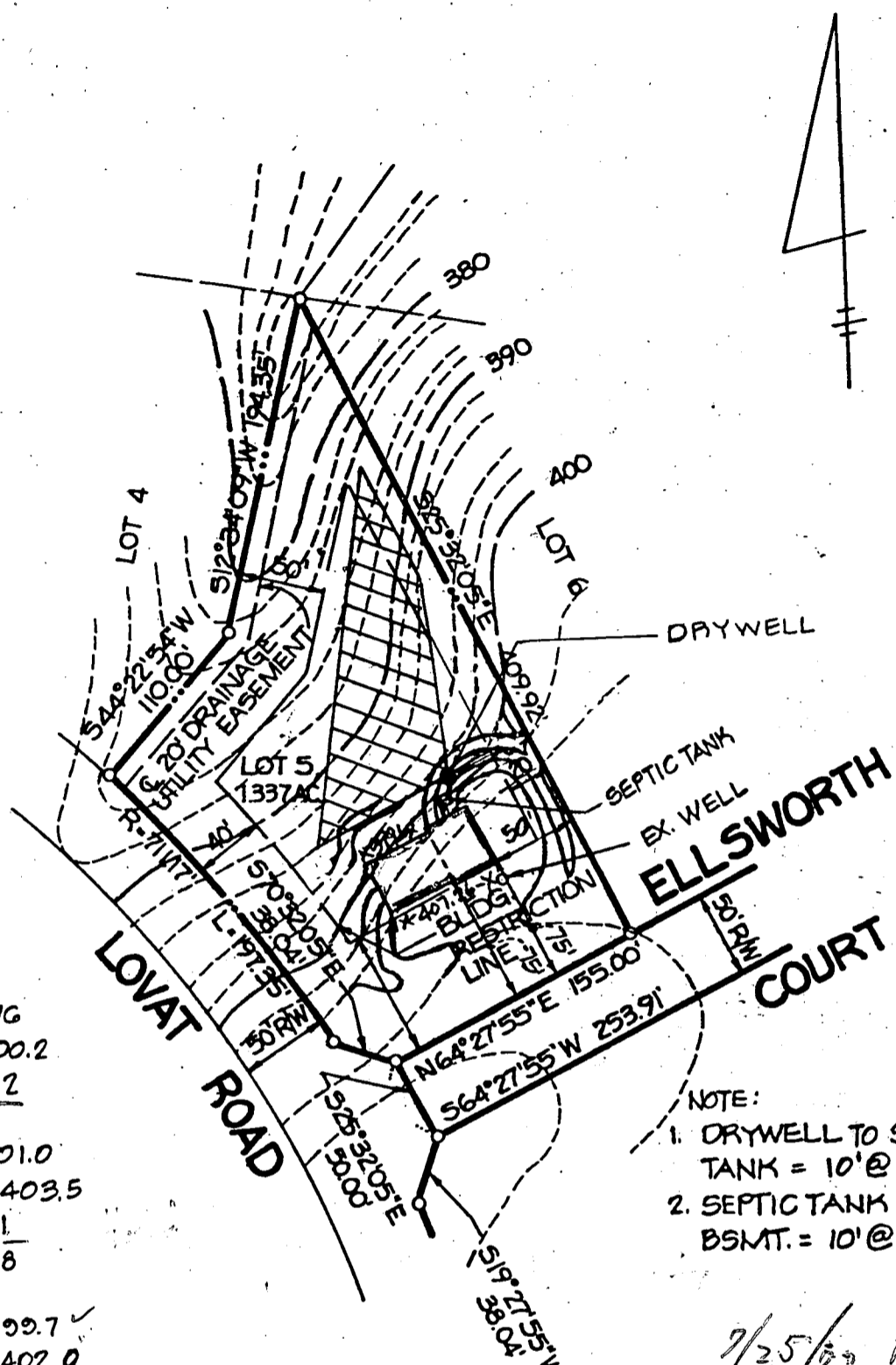
I HEREBY CERTIFY THAT I HAVE COMPLIED WITH ALL CONDITIONS STATED ON THE ABOVE-CAPTIONED "PERMIT TO DRILL WELL", AND THAT INFORMATION CONTAINED IN THIS REPORT IS TRUE, ACCURATE, AND COMPLETE TO THE BEST OF MY KNOWLEDGE, INFORMATION, AND BELIEF.

DRILLERS NAME: J. F. Pennington
 SIGNATURE: J. F. Pennington



301-
Peninger - 422-7704

K&E BALTIMORE 10 515 ALBANYE B-77 MCG338



HOUSE:
 F.F. ELEV. = 408.76
 BSMT. ELEV. = 400.2
 INV. OUT = 396.2
 SEPTIC TANK:
 EX. GRADE = 401.0
 PROP. GRADE = 403.5
 INV. IN. = 396.1
 INV. OUT = 395.8
 DRYWELL:
 EX. GRADE = 399.7 ✓
 PROP. GRADE = 402.0
 INV. IN = 395.7 ✓
 WELL:
 EX. GRADE = 405.2
 PROP. GRADE = 405.2

NOTE:
 1. DRYWELL TO SEPTIC TANK = 10' @ 1/4" / 1'.
 2. SEPTIC TANK TO BSMT. = 10' @ 1/4" / 1'.

7/25/78 P.M.
 (Owners)
 (Revised)
 C. B. B.
 B.P. Signal & OK

TITLE GRADING STUDY			
PROJECT WILLIAMS CONTRIVANCE ESTATES SECTION 2, LOT 5			
LOCATION 5 TH ELECTION DISTRICT		HOWARD COUNTY, MARYLAND	
DATE: JULY, 1978	DESIGN BY: -	DRAWN BY: DLC.	CHECKED BY:
SCALE: 1" = 100'	JOB NO.: 78160	DRAWING NO.: 1 OF 1	7/24/78

boender associates

engineers
 surveyors
 planners