

6/2/93
11:00 AM

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 49317

A REPAIR

DISTRICT _____

DATE 6-7-93

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~X4619933~~ 313-2640

DATE SYSTEM APPROVED 8-12-93

INSPECTOR [Signature]

INDEXED

Arnold Backhoe & Septic Services IS PERMITTED TO INSTALL _____ ALTER X

ADDRESS P. O. Box 15, Woodbine, Maryland PHONE 795-7873

SUBDIVISION Warfield Estates LOT 8, Blk. B, Sec. 3 ROAD 3432 Shady Lane

PROPERTY OWNER Stephanie Brown

ADDRESS 3432 Shady Lane
Glenwood, Maryland

SEPTIC TANK CAPACITY 1250 ^{1500 Top Seamed two compartment Pump System} GALLONS 1000 gal Top Seamed Pump Pit and a single Sewage effluent pump

NUMBER OF BEDROOMS 4 if there is one day's Flow capacity above the high water alarm float (or use a duplex Pump System).

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 280' (266' F accepted to keep distance from culvert & stormwater runoff) R/P 8/1/93

REPAIR - PURPOSE - SEPTIC SYSTEM HAS FAILED.
Call for inspection when ground is opened so sanitarian can recommend repair. 6/03/93

Replace existing Septic Tank with a top seamed septic tank (2 compartment preferred). Install Trenches on Contour in both directions away from a central Distribution Box Placed approximately near the North East corner of the lot. (as discussed 4 Trenches, 70' long each is acceptable. Make in lot 3' deep, Bottom of Trench 5' deep maximum, 3 ft wide trenches, 2' gravel fill.

PLANS APPROVED BY [Signature] DATE 6-4-93

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

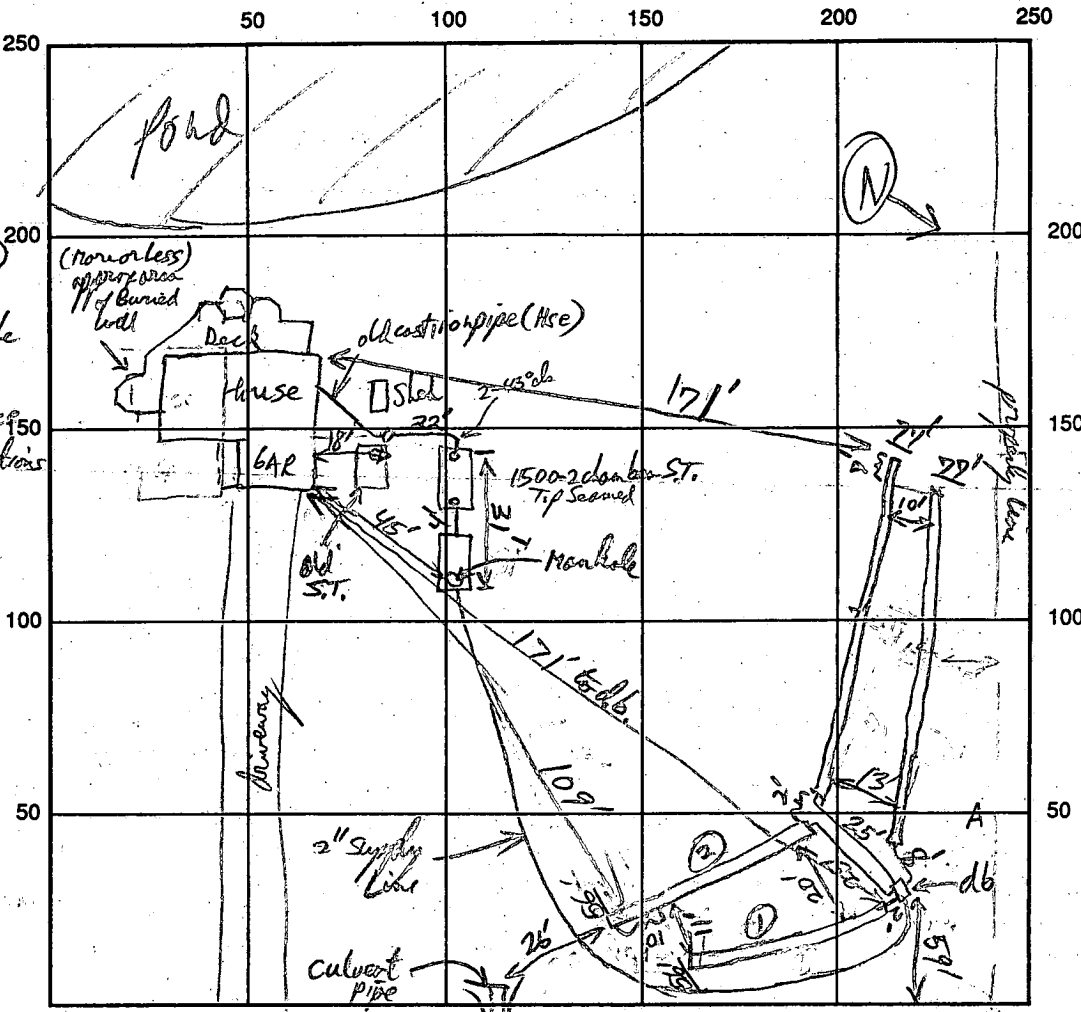
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON, CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

R 49317

Excavation @ Pump Chamber bottom soil is a course sandy loam with concrete small diameter (cid) Jam connections. Indicates some seasonal water table problems @ 6-7ft below ground surface at S.T. + P.C locations near house.



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE Shady Lane

Pump Chamber 1500 gal 1 chamber Top Search ✓
 SEPTIC TANK LEVEL 1500 gal 2 chamber Top Search ✓ CLEANOUTS S.T.(2), HSE(1), P.C. 3 1/2 inch Manhole

DISTRIBUTION BOX LEVEL Dial a Flows used - d.b. + pipe openings are sized adequate for dose

DRAIN FIELD/TITLE DEPTH 5 FT. TRENCH WIDTH 3 FT. INLET DEPTH 3 FT.

EFFECTIVE GRAVEL DEPTH 2' FT. TOTAL LENGTH 56/56/77/77 FT. = 266 # Bottom Total

NUMBER OF TRENCHES 4 ONE SIDEWALL/BOTTOM AREA 800 SQ. FT.

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

ABSORBENT AREA _____ SQ. FT.

REMARKS: Trench #1 entire length Bottom, just penetrating into sandy loam soils, ~75% of Trench has 1-1 1/2 ft effective sidewall of this similar material. Hse connection dis connected From old S.T. Pump Chamber + New Septic Tank OK to cover. OK to cover Trench #1 RPP 8/11/93 Used 2" supply pipe (Flows Pump Check OK. All Trenches penetrate into loam/sandy loam soils OK to cover RPP 8/12/93 (125 gal dose)

DATE SYSTEM APPROVED 8/12/93

INSPECTOR R. Parley

2/15/91
10:15 AM

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P _____

A REPAIR _____

DISTRICT 4th

DATE _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

DATE SYSTEM APPROVED _____

INSPECTOR _____

Hy and Lowe IS PERMITTED TO INSTALL _____ ALTER X

ADDRESS 7000 Warfield Road, Gaithersburg, Maryland 20760 PHONE 926-5924

SUBDIVISION Warfield Estates LOT 8, Blk. B, Sec. 3 ROAD 3432 Shady Lane

PROPERTY OWNER Gregory Brown
3432 Shady Lane

ADDRESS _____

*8546046 Home
3017637925 Work*

SEPTIC TANK CAPACITY _____ GALLONS

NUMBER OF BEDROOMS _____

_____ SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED _____

REPAIR - FAILING SEPTIC SYSTEM.

CALL FOR INSPECTION WHEN GROUND IS OPENED SO SANITARIAN CAN RECOMMEND REPAIR.

*2/18/91 - CONTACTED BY SEPTIC CONTRACTOR. POND WAS INSTALLED AFTER HOUSE BUILT, CERTAIN
IMPACT IN GROUND WATER TABLE. HIGHEST AVAILABLE GROUND ON PROPERTY IS ACCESS
EASEMENT TO COMMUNITY POND. LOT OWNER WILL ATTEMPT TO ARRANGE APPROVAL
TO UTILIZE THIS ALSO. C. Williams*

PLANS APPROVED BY C. Williams DATE 2/14/91

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

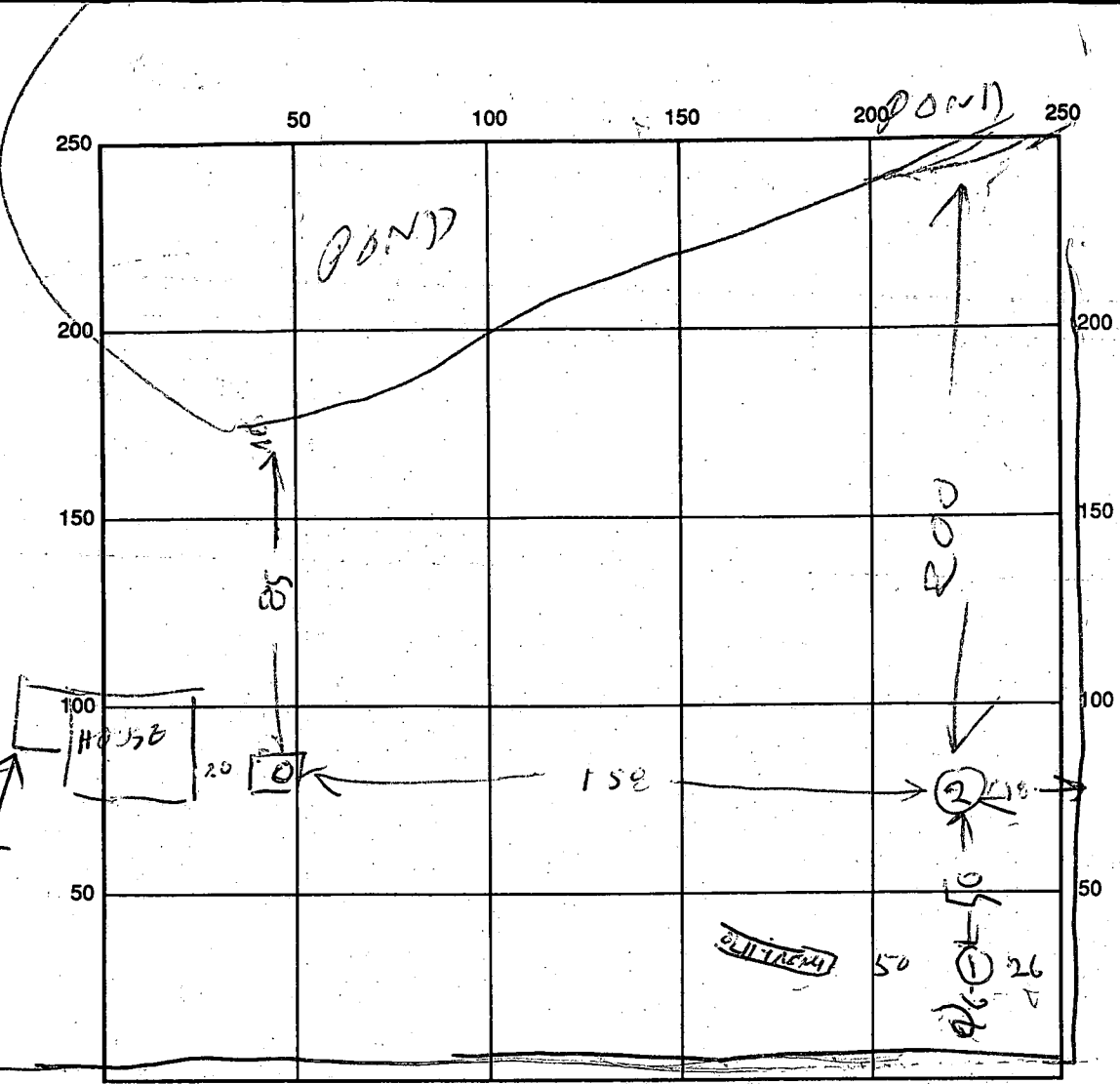
***INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**

***CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.**

1000

①
 BROWN CLAY
 BROWN SAND LOAM
 MOIST WATER

②
 BROWN CLAY
 BROWN SAND LOAM
 WATER



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE
 SHADY LANE

SEPTIC TANK LEVEL _____ CLEANOUTS _____

DISTRIBUTION BOX LEVEL _____

DRAIN FIELD/TITLE DEPTH _____ FT. TRENCH WIDTH _____ FT. INLET DEPTH _____ FT.

EFFECTIVE GRAVEL DEPTH _____ FT. TOTAL LENGTH _____ FT.

NUMBER OF TRENCHES _____ ONE SIDEWALL/BOTTOM AREA _____ SQ. FT.

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

ABSORBENT AREA _____ SQ. FT.

REMARKS: 2/15/91 - PERC UNSATISFACTORY FOR REPAIR
HOME OWNER INSTALLED BASEMENT TOILET 3 YEARS AGO
& WATER COMES UP IN TOILET DURING WET SEASON R#

DATE SYSTEM APPROVED _____ INSPECTOR _____

4/8/93

Memo For The Record
From Ronald Pickley, HCHD

RE: 3432 Shady Lane
Wanfield Estates Lot 8 Blk B

Mr + Mrs Gregory Brown requested and were present at a meeting with Craig Williams and myself from 9:15 to 11 AM on April 6, 1993.

At this meeting the history of problems and record of prior

Testing of the above mentioned property were discussed. Also discussed were

possible solutions, such as sand mounds and Low Pressure Dosing Systems

and the other agencies ^{and entities} whose input may be required should then

choose to pursue Testing for ^{and constructing} such Exotic septic systems.

At the Browns request I visited their home site later that day (April 6, 1993)

to familiarize myself with the topography and its resultant problems. I told

Mrs Brown at her home, that their house ^{was} ~~was not~~ the same one I previewed (same Subdiv # but different section #) on the map for Site # 1 of the Meeting.

I told Mrs Brown that (on her insistence ^{and suggesting} what I'd do if I were her) the best hope of a solution would be a sand mound (possibly a greater than 60 minute or even 120 min perc rated one - that would be at owner's request only + holding tanks standby if sand mound should fail) or try to acquire an easement to adjacent land with more suitable soil for septic systems.

APPLICATION

PERCOLATION TESTING

Revised
A 15086

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

DISTRICT _____

DATE 6/4/93

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Stephanie & Greg Brown

ADDRESS 3432 Shady Lane, Glenwood MD PHONE 854-6046

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Warfield Estate Sect III C-18 LOT NO. 8

ROAD AND DESCRIPTION _____

TAX MAP _____ PARCEL # _____

SIZE OF LOT _____ 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.

(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING _____

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # _____ DATE _____

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

4/1/78
10:30 a.m.
4/5/78
4/6/78
4/7/78

P.C.O 4/7/78 OMB
-Pending House Connection
P 27678

PERMIT

A 15086

System installed before building permit released
SEWAGE DISPOSAL SYSTEM
MARYLAND STATE DEPARTMENT OF HEALTH*
HOWARD COUNTY

ELLICOTT CITY
DISTRICT 4th
DATE 3/16/78

INDEXED

Bobby Orndorff IS PERMITTED TO INSTALL X ALTER

ADDRESS _____ PHONE 725-4969

SUBDIVISION Warfield Estates ROAD 3432 Shady Lane LOT 9A, Blk.B, Sec.3

PROPERTY OWNER Gregory Brown

ADDRESS same as above

SPECIFICATIONS 3 bedrooms
SEPTIC TANK CAPACITY 1000 GALLONS
DRAIN FIELD _____ DEPTH _____ FEET. BOTTOM AREA _____ SQ. FT.
DEEP TRENCH _____ DEPTH _____ FEET. BOTTOM AREA _____ SQ. FT.
SEEPAGE PITS _____ ABSORBENT SIDE-WALL AREA _____ SQ. FT.
INLET PIPE _____ FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH _____ FT. BELOW ORIGINAL GRADE
EFFECTIVE DEPTH AT _____ FT. BELOW ORIGINAL GRADE.
LOCATE DISPOSAL AREA _____ FT. FROM _____ LOT LINE AND _____ FT. FROM _____ LOT LINE AS SEEN WHEN FACING LOT FROM

TENTATIVE: pending check of holes, due to well in septic area. 90 ft. trench, 10 ft. maximum depth, effective 4 ft. - 10 ft. in lieu of 400 sq. ft. drywell inlet maximum 4 ft. Location: in area between 30 ft. and 60 ft. from road depending on holes being acceptable.

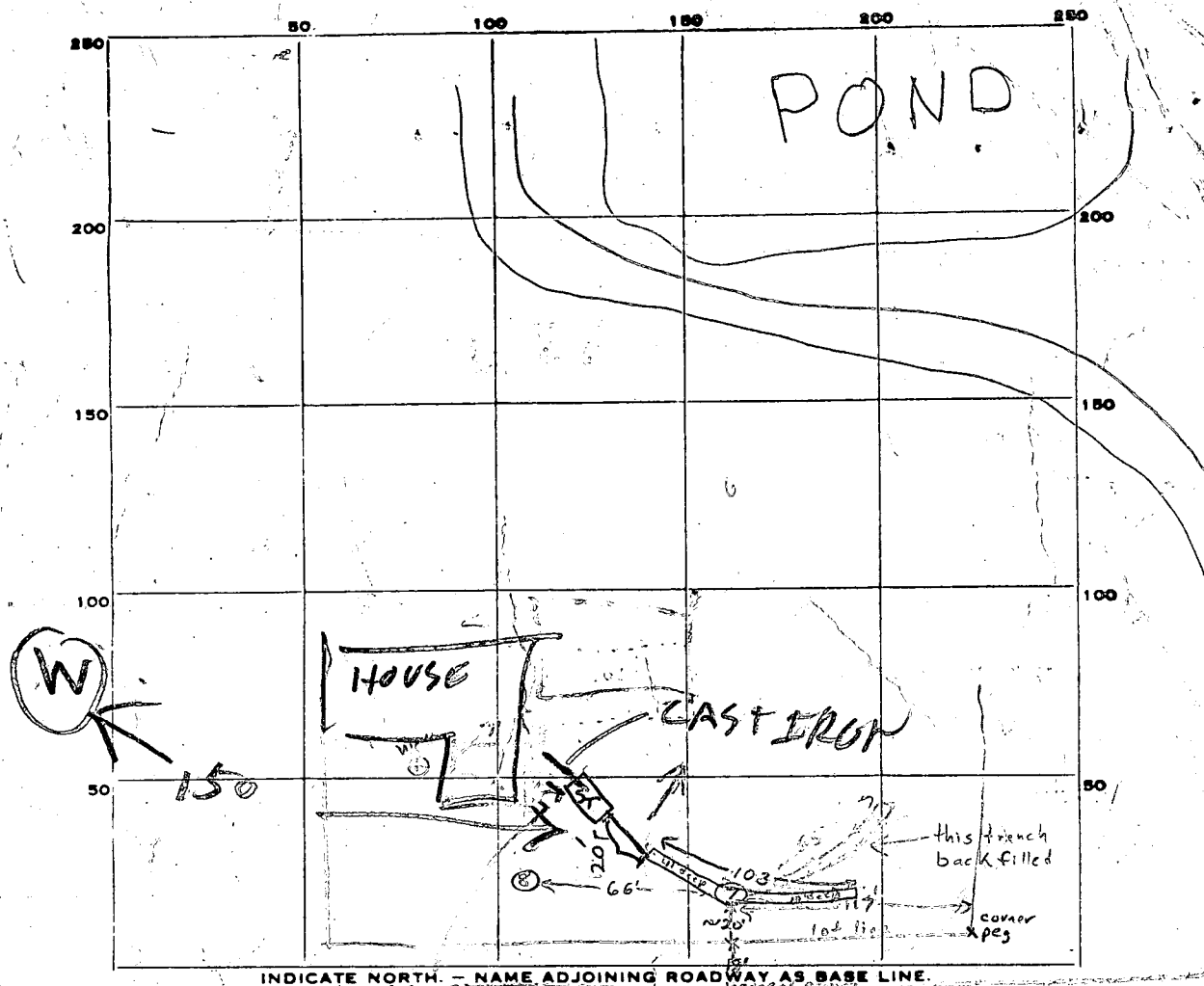
PLANS APPROVED BY Rred Frommelt DATE 3/16/78

- 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.

BLDG. PERMIT SIGNED
AND RETURNED 4/10/78
serial # 34916

A 15086

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



PERMIT CARD No
 SEPTIC TANK, LEVEL _____ CLEANOUTS _____
 DISTRIBUTION BOX, LEVEL n.a.
 TILE FIELD, DEPTH 10-11 FT. TRENCH WIDTH 2 FT.
 GRAVEL DEPTH 6 FT. TOTAL LENGTH 103 FT.
 NUMBER OF TRENCHES 1 $\frac{1}{2}$ SIDEWALL TOTAL BOTTOM AREA 618 FT²
 SEEPAGE PITS, INSIDE DIAMETER _____ FT. DEPTH BELOW INLET _____ FT.
 ABSORBENT AREA _____ SQ. FT.

REMARKS 4/4/78 Mrs. Daniel present, proposed trench to go in area shown above F.S. & L.
4/5/78 Water at 9' in fore end of trench, no one onsite. T.C. & Mrs. Oundarceval relocation
of trench owner to return call F.S. 4/6/78 trench backfilled, new trench
is shown above O.K. hole dug at far end of trench to 13' and was dry, F.S. & L. S.
4/6/78 O.K. to put gravel in trench F.S. 4/7/78 Gravel to 4 FE below grade. OKAY to Back fill
over trench and Dry well. Told Cleanout should be even with final Grade.
Still not connected to house 4/7/78 MB.

APPLICATION

A 15086

SEWAGE DISPOSAL TESTING

P _____

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

3BR

4BR

ELLICOTT CITY

DISTRICT 4

1000 Gal Tank
Dry Well 400 sq ft sidewalk
area below first 4" of grade

1250 Gal Tank
Dry Well 400 sq ft
sidewalk area below inlet

DATE 12/31/69

Dry Well inlet to be no deeper than 4 FT and bottom of Dry Well to be no deeper than 10 FT below org. grade
Place the dry well 100 FT from the front lot line and 20 FT from the left side of the lot as seen when facing the lot from Shady Lane

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TESTS IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Maple Hill Farms Associates

ADDRESS 9300 Fontana Ave., Seabrook, Md. 20801

PHONE _____

PROPERTY LOCATION: _____

SUBDIVISION Warfield Estates

LOT NO. 8, Blk. B, Sec. 3

ROAD AND DESCRIPTION 3432 Shady Lane

OCCUPANT _____

PHONE _____

PERSON TO CONSTRUCT SYSTEM _____

ADDRESS _____

PHONE _____

SIZE OF LOT 279' x 175' x 236' x 67' x 226'

TYPE BLDG. _____

3 or 4
NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE _____

SIGNATURE OF APPLICANT /s/ McClintock & Huster

APPROVED BY Raymond Hodges

FOR Dry Well

(KIND OF SYSTEM)

DATE 10/7/71

REJECTED BY _____

FOR _____

(KIND OF SYSTEM)

DATE _____

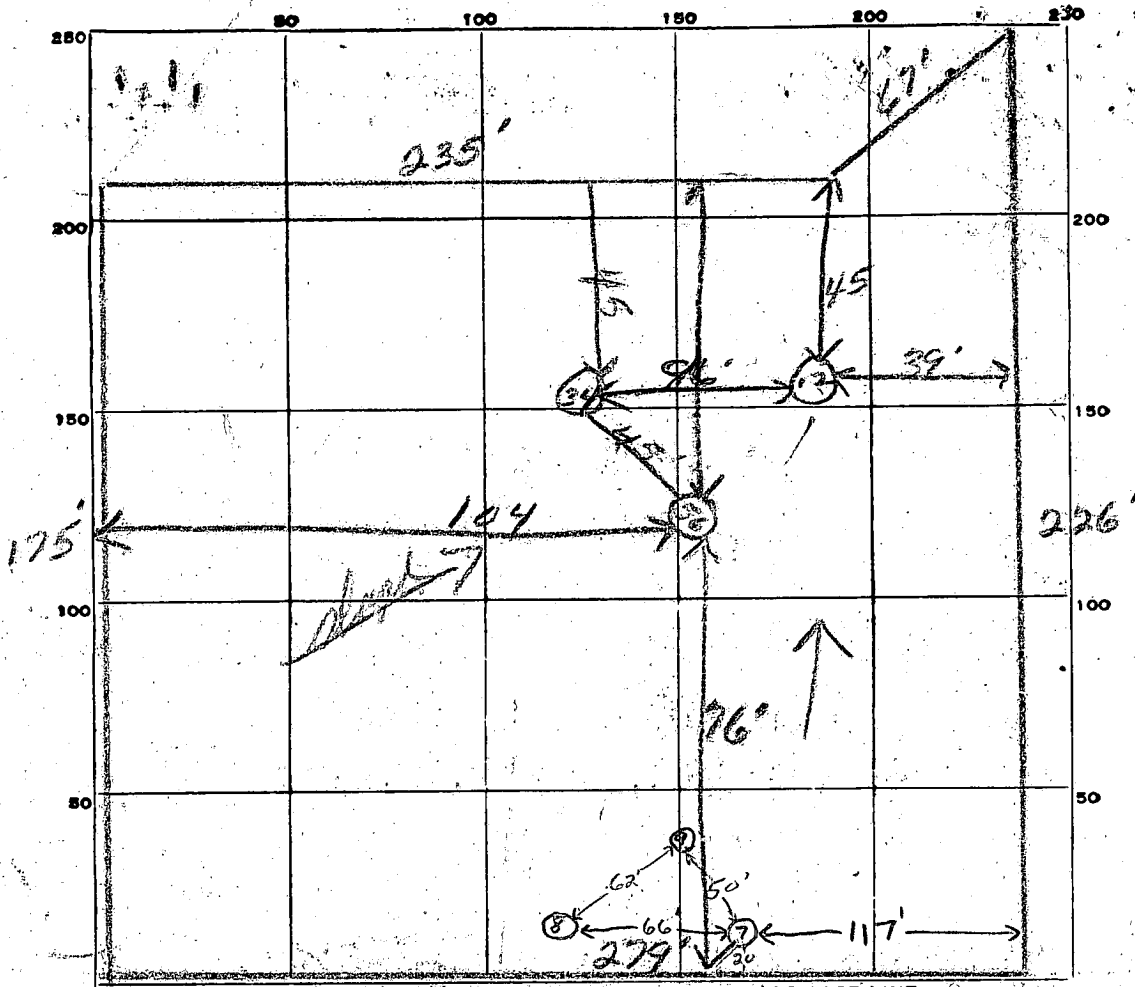
HOLD PENDING FURTHER TESTS _____

DATE _____

REASONS FOR REJECTION OR HOLDING _____

BLDG. PERMIT SIGNED AND RETURNED
6/27/71

THIS IS NOT A PERMIT



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

Shady Lane

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/5/70	1	1'					
	2	Water in holes 6-7 ft deep					
	3	10'	2 45	2 50	2 52	2 56	6 min
	4	4'	2 43	2 42	2 42	2 31	4 min
	5	14'	2 26	3 38	3 38	3 35	7 min
	6	8'	3 22	3 24	3 24	3 22	3 min
S.S. & L.S. 4/4/78	7	13'	Clayey to 4'		sandy loam below		
	8	13'	Clayey to 4'		sandy loam below		
	9	12'	Clayey to 4'		sandy loam below		

SOIL AUGER FINDING

TESTED BY *[Signature]*

REMARKS

lit 8
Blk B

APPLICATION

A 15086

P _____

SEWAGE DISPOSAL TESTING

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

ELLICOTT CITY

DISTRICT 4

DATE 12/31/69

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TESTS IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Maple Hill Farms Associates

ADDRESS 9300 Fontana Ave., Seabrook, Md. 20801 PHONE _____

PROPERTY LOCATION:

SUBDIVISION Warfield Estates LOT NO. 8, Blk. B, Sec. 3

ROAD AND DESCRIPTION Shady Lane

OCCUPANT _____ PHONE _____

PERSON TO CONSTRUCT SYSTEM _____

ADDRESS _____ PHONE _____

SIZE OF LOT 279' x 175' x 236' x 67' x 226' TYPE BLDG. 3 or 4
NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE _____

SIGNATURE OF APPLICANT /s/ McClintock & Huster

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

0461
 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, MARYLAND 21401
APPLICATION FOR PERMIT TO DRILL WELL

WRA PERMIT NUMBER
HO-73-2284
FILL IN THIS FORM COMPLETELY

DATE RECEIVED (WRA USE ONLY)
 8-19

OWNER: David Carson
 COL 15 LAST NAME FIRST NAME COL. 34
 STREET OR RFD: Route 141 1000
 COL 36 COL. 55
 POST OFFICE: Columbia Md 21044
 COL 57 COL. 76

B 1 CONTINUED DRILLER INFORMATION
 1 2 3 (SEQ. NO.) 6
 DATE: 4/11/77 LICENSE NUMBER: 42
 77 80
 FIRST NAME: H. F. Easterday DRILLER LAST NAME
 SIGNATURE: H. F. Easterday

B 3 LOCATION OF WELL
 1 2 3 (SEQ. NO.) 6
 COUNTY: Howard (DO NOT ABBREVIATE COUNTY NAME) 21
 SUBDIVISION: Ward 29 42
 SECTION: 44 LOT: 8 46 48 50
 NEAREST TOWN: Alenwood 52 71
 MILES FROM TOWN (ENTER 0 IF IN TOWN): 3 79 78 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

B 4 DIRECTION FROM TOWN
 (CIRCLE APPROPRIATE BOX)
 1 2 3 (SEQ. NO.) 6
 N NORTH E EAST NE NORTHEAST SE SOUTHEAST
 S SOUTH W WEST NW NORTHWEST SW SOUTHWEST
 NEAR WHAT ROAD: Brentwood
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX): N 32 S 32 E 32 W 32
 DISTANCE FROM ROAD (ENTER DISTANCE AND CIRCLE APPROPRIATE BOX): 30 34 37 38 39

USE FOR WATER (CIRCLE APPROPRIATE BOX)
 HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
 FARMING, AGRICULTURE, IRRIGATION
 INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOVERNMENT.
 MUNICIPAL WATER SUPPLY } MUST HAVE STATE HEALTH DEPT. APPROVAL
 PRIVATE WATER COMPANY }
 TEST

APPROXIMATE DEPTH OF WELL: 150 FEET
 24 28

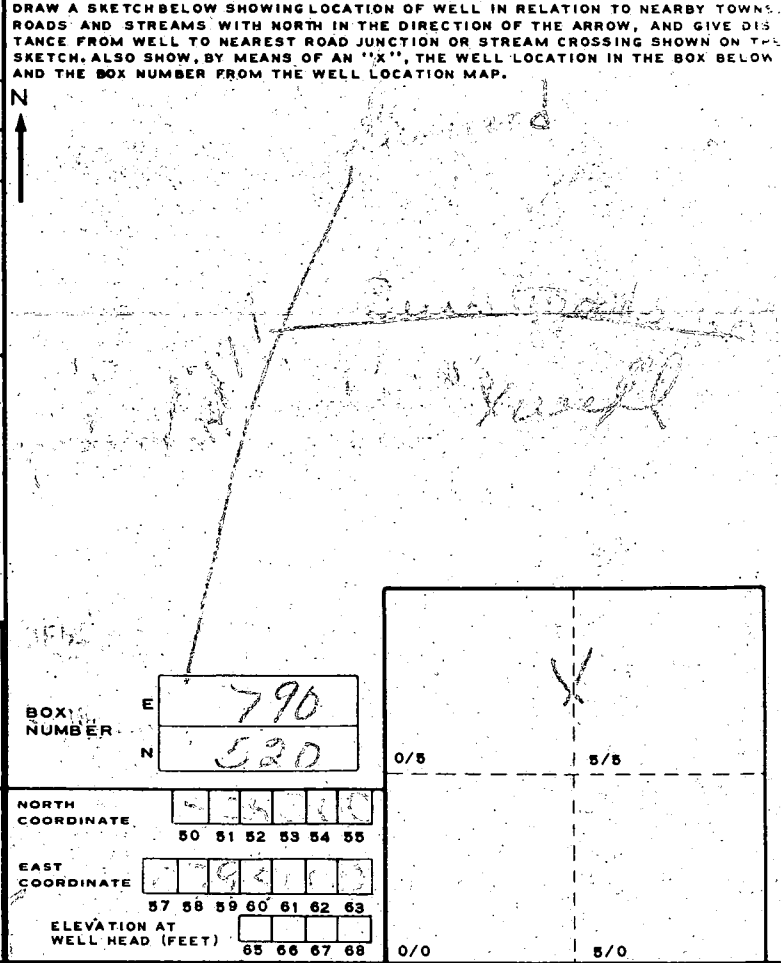
APPROXIMATE DIAMETER OF WELL: 6" (NEAREST INCH)

METHOD OF DRILLING USED (CIRCLE APPROPRIATE METHOD)
 BORED (OR AUGERED) JETTED DRIVEN
 30-37 AIR-ROTARY AIR-PERCUSSION ROTARY (HYDRAULIC ROTARY)
 CABLE REVERSE-ROTARY DRIVE-POINT
 OTHER (DESCRIBE):

REPLACEMENT OR DEEPEINED 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 DEEPEIN AN EXISTING WELL
 PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE):

NOT TO BE FILLED IN BY DRILLER (WRA USE ONLY)
 APPROPRIATION PERMIT NUMBER: 54 ENGINEER REVIEW DISTRICT NO.: 63
 FORCE: 10 WRITE INITIALS IN BOX: 10 CONDITIONS: 10
 67 68 70 71 72 73 74 75 76 77 78 79

B 4 CONTINUED HEALTH DEPARTMENT APPROVAL
 1 2 3 (SEQ. NO.) 6
 41 STATE HEALTH (CIRCLE BOX) COUNTY NAME: Howard COUNTY NO.: W24782
 MO. DAY YR. 8 22 77
 DATE: 8 22 77 APPROVED BY: Donald W. Donagan, Sanitaria
 43 48



B 5 SPECIAL CONDITIONS 8-63 (WRA USE ONLY)
 1 2 3 (SEQ. NO.) 6

C 1 8151
 (SEQ. NO.) 6
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 9-6 ON ALL CARDS)

DATE RECEIVED (WRA USE ONLY)
 4/19/84

DATE WELL COMPLETED
 15 20

SEQUENCE NO. (WRA USE ONLY)

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

THIS REPORT MUST BE SUBMITTED IN 30 DAYS AFTER WELL COMPLETION

FILL IN THIS FORM COMPLETELY

COUNTY NUMBER

PERMIT NO. FROM "PERMIT TO DRILL WELL"
 410-73-2089

DRILLERS IDENTIFICATION NO. 42

OWNER DANIEL ASSOCIATES
 LAST NAME FIRST NAME

STREET OR RFD SUITE 141 1800 CENTURY POST OFFICE COLUMBIA, MD 21044

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	2	
slaty sand stone	2	10	
	10	45	✓
Y.C.A. (SAND)	45	50	

GROUTING RECORD

WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX)
 Y N

TYPE OF GROUTING MATERIAL (CIRCLE BOX)
 C.M. CEMENT B.C. BENTONITE CLAY

NO. OF BAGS 7 NO. OF POUNDS 700

GALLONS OF WATER 35

DEPTH OF GROUT SEAL (TO NEAREST FOOT)
 FROM 0 FT. TO 25 FT.
 (ENTER 0 IF FROM SURFACE)

CASING RECORD

CASING TYPES
 S.T. STEEL C.O. CONCRETE
 P.L. PLASTIC O.T. OTHER

MAIN CASING TYPE S.T. NOMINAL DIAMETER (TOP MAIN CASING) 6 INCH TOTAL DEPTH OF MAIN CASING (NEAREST FOOT) 27

OTHER CASING (IF USED)

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

SCREEN RECORD

SCREEN TYPE OR OPEN HOLE
 S.T. STEEL B.R. BRASS OR BRONZE O.H. OPEN HOLE
 P.L. PLASTIC O.T. OTHER

DEPTH (NEAREST WHOLE FOOT)

EACH SCREEN	FROM	TO
1	10	15
2	15	20
3	20	25

DIAMETER OF SCREEN 56 (NEAREST INCH) FROM 56 TO 60

GRAVEL PACK

IF WELL DRILLED WAS A FLOWING WELL, CIRCLE BOX F

WRA USE ONLY (NOT TO BE FILLED IN BY DRILLER) (E.R.O.S.)

TELESCOPE CASING T LOG INDICATOR W Q OTHER DATA AVAILABLE 74 75 76

PUMPING TEST

HOURS PUMPED (TO NEAREST HOUR) 2

PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) 30

METHOD USED TO MEASURE PUMPING RATE Bucket

WATER LEVEL: (DISTANCE FROM LAND SURFACE)

BEFORE PUMPING 30 (NEAREST FOOT)

WHEN PUMPING 20 (NEAREST FOOT)

TYPE OF PUMP USED (CIRCLE APPROPRIATE BOX) (FOR PUMPING TEST)
 A AIR P PISTON T TURBINE
 C CENTRIFUGAL R ROTARY O OTHER (DESCRIBE BELOW)
 J JET S SUBMERSIBLE

PUMP INSTALLED

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

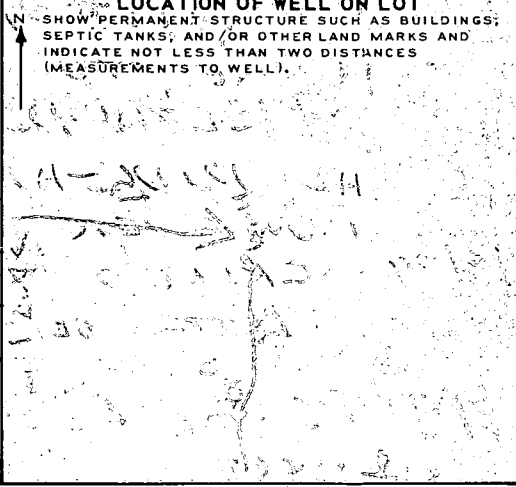
DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX)
 Y N

CAPACITY: GALLONS PER MINUTE (TO NEAREST GALLON) 35

PUMP HORSEPOWER 37

PUMP COLUMN LENGTH (NEAREST FOOT) 43

CASING HEIGHT (CIRCLE APPROPRIATE BOX AND ENTER CASING HEIGHT)
 + ABOVE LAND SURFACE (NEAREST FOOT)
 - BELOW 49 50 51



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.

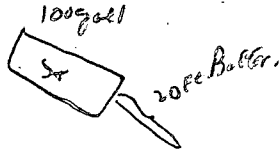
DRILLERS NAME L.F. EASTERN

(PLEASE PRINT) L.F. EASTERN

SIGNATURE L.F. Eastern

top on cleanout

38
x 2
72
19
91



1/ 3/79 SYSTEM COVERED & HOUSE CONNECTION

~~CLEANOUT COVERED~~ TALKED TO BUILDER,

DALLAS DANIEL 792 2405 PO BOX 1076
COLUMBIA 21044

HE SAID HE THOUGHT PLUMBER CALLED
FOR INSPECTION OF HOUSE SEWER
AUG 78 & HOUSE SEWER WAS OK.

PLUMBER IS EDDIE ZEPF

531 6712. I TOLD MR DANIEL I WOULD

CHECK RECORDS

1/ 8/79 CALLED EDDIE ZEPF & LEFT MESSAGE TO CALL

TALKED TO EDDIE ZEPF HE SAID HE
INSTALLED A ~~IRON~~ IRON SEWER FROM
HOUSE TO TANK BUT DID NOT CALL
HEALTH DEPT FOR INSPECTION

HE DID HAVE INSIDE PLUMBING FIXED
HOWEVER

1/ 8/79 - CALLED 792 2405 WRONG NUMBER

1/ 10/79 - LETTER SENT TO DALLAS DANIEL

1/ 19/79 - SEE BACK OF LETTER TO
DALLAS DANIEL