

5/8/91 noon
5/9/91 ASAP
5-10-91 Noon

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 46880

A 46262

DISTRICT 3rd

DATE 3/6/91

DATE SYSTEM APPROVED 5-10-91

INSPECTOR JEN

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

INDEXED

Tom's Plumbing and Heating IS PERMITTED TO INSTALL ALTER

ADDRESS 3894 Schroder Avenue, Perryhall, Maryland 21128 PHONE 256-9351

SUBDIVISION _____ LOT _____ ROAD 12700 Old Frederick Road

PROPERTY OWNER James P. Hurt

ADDRESS _____

SEPTIC TANK CAPACITY 1000 GALLONS
NUMBER OF BEDROOMS 3 MAINTAIN A MINIMUM OF 100 FEET FROM THE WELL.

240 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240
*240
720 sq ft total area*

TRENCHES - Trench to be 3 feet wide. Inlet 3 feet below original grade. Bottom maximum 4.5 feet below original grade. Effective area begins at 3 feet below original grade. 1.5 feet of stone below distribution pipe.

LOCATION - Place the distribution box 200 feet from the southern (130.0') lot line and 50 feet from the eastern (S18°24'37"W) lot line. Run trenches along contour toward the eastern lot line. The maximum trench length shall be as follows:
Trench No. 1 50 feet
Trench No. 2 55 feet
Trench No. 3 70 feet
Trench No. 4 80 feet

NOTES --No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. *10-12-90 JEN*

PLANS APPROVED BY Jane Nadeau DATE 9/27/90

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

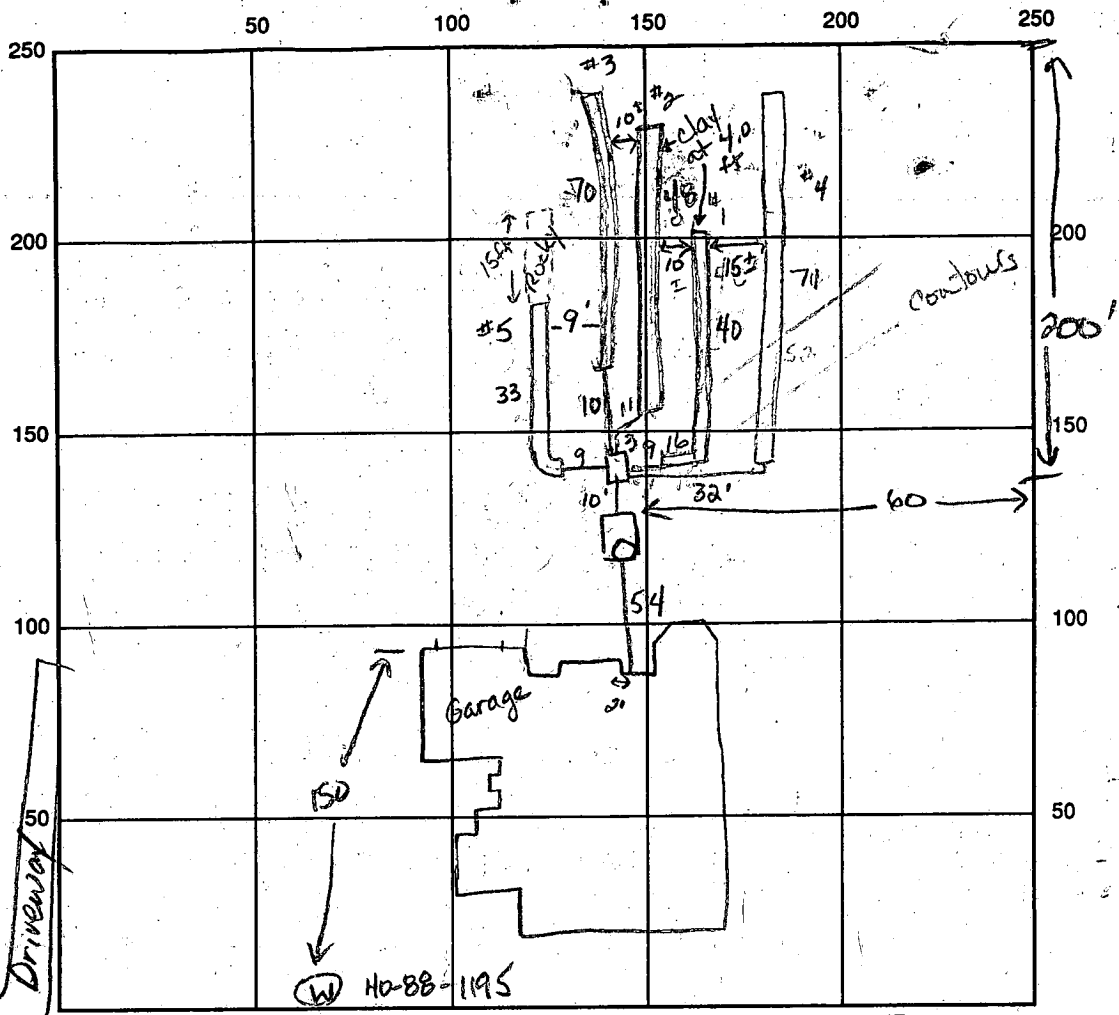
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON, CONCRETE OR TERRA COTTA OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

BLDG. PERMIT SIGNED
AND RETURNED 4/20/91
Seal # 57691
above ground propane
lead

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

A
4/20/91



To Old
Fred. Rd.

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL 1000 gal CLEANOUTS Manhole on septic tank

DISTRIBUTION BOX LEVEL ok (w/ baffle)

DRAIN FIELD/TITLE DEPTH 10 30 30 45 50 4 1/2 TRENCH WIDTH 3 FT. INLET DEPTH 20 10 20 20 20

EFFECTIVE GRAVEL DEPTH 2 2 1 FT. TOTAL LENGTH 40 26 70 FT. 1 2 3 4 5

NUMBER OF TRENCHES 5 ONE SIDEWALL BOTTOM AREA 120 78 SQ. FT.

DRYWALL INSIDE DIAMETER FT. EFFECTIVE DEPTH BELOW INLET FT.

ABSORBENT AREA 720 SQ. FT.

REMARKS: 5-8-91 STOP WORK ORDER ISSUED. Trenches not along contour DEN 5-9-91 Discussed additional trenches w/ contractor. To add an additional 40 ft of trench to specifications to compensate for inadequate depth of trenches #1 & 2. DEN/CW 5-10-91 OK to cover trench #4, DEN 5-10-91 Trench #5 stopped at rocky soils (35% at 3 ft below grade). OK to cover all work, DEN

DATE SYSTEM APPROVED 5-10-91 INSPECTOR James E. Madecou

APPLICATION

PERCOLATION TESTING

A 46262
P _____

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

DISTRICT _____

DATE 8-15-90

1/2

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 James Hunt Jr & Jerry Hunt

ADDRESS 12800 Old Fred. Rd PHONE 4894791

PROSPECTIVE BUYER JAMES HUNT JR

ADDRESS 12900 Old FREDERICK RD PHONE W 486-4670
521-3635

PROPERTY LOCATION:

SUBDIVISION Hunt Property LOT NO. Parcel 2

ROAD AND DESCRIPTION 12800 Old Fred. Rd

TAX MAP 9 PARCEL # 19

SIZE OF LOT 1 Acre TYPE BLDG. S.F.D
(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.

James P. Hunt Jr
(SIGNATURE OF APPLICANT)
486-4670

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 8-15-90 For wet season approval & perc certification plat. DEN - TENTATIVE APPROVAL w/o wet season - WAIT FOR PLAT, C.W. 8/20/90

BLDG. PERMIT SIGNED AND RETURNED [Signature]

THIS IS NOT A PERMIT

Serial # 33447 SFD-3 [Signature]

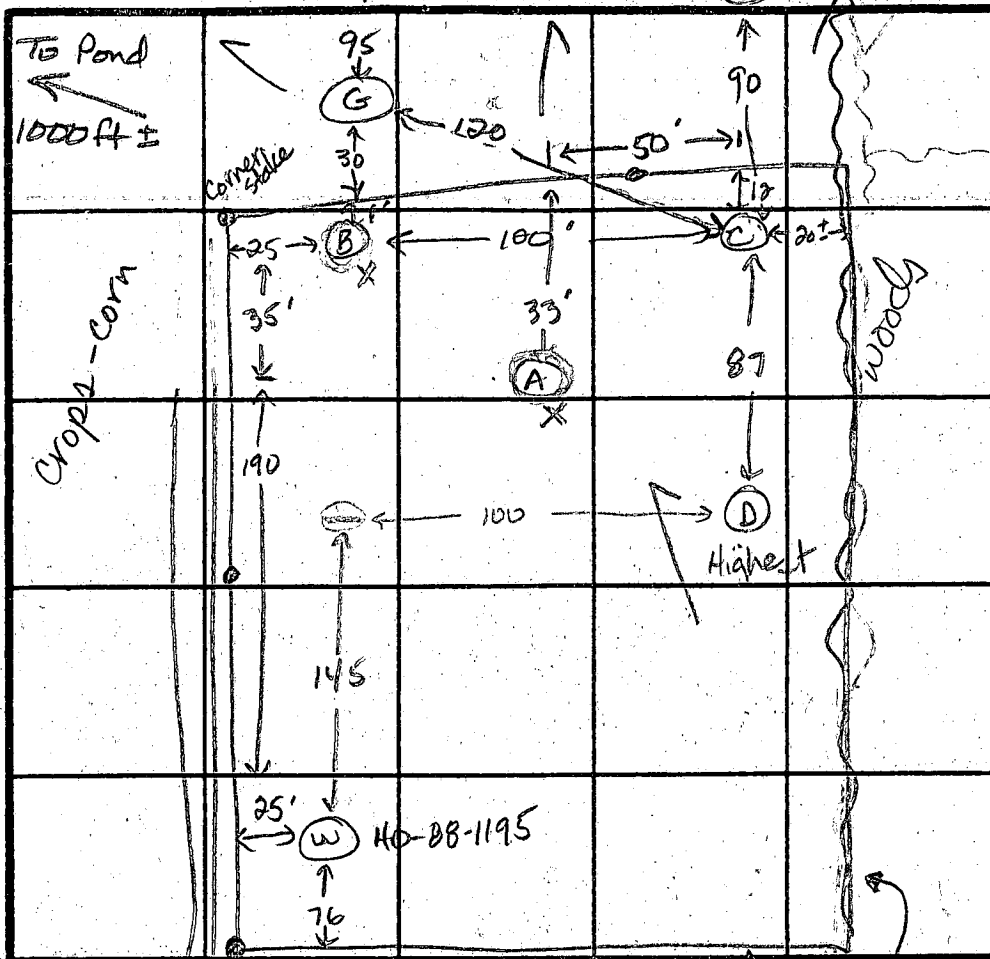
HD-216

A 46262

Lowest **F** ← 115 → **E**

(A)
SOIL PROFILE

0-4.0 Rd-br s.c.l.
4.0-12.5 Rd-br s.l.
some weathered rock
< 45% on low end of test pit
12.5 Bottom



(C)
0-4.0 Rd-br s.c.l.
roots
< 5% decomposed rock
4.0-9.5 Rd s.l.
< 10% fines
9.5-11.5 Rd-gray mottled s.l. am
11.5 Bottom

(D)
0-3.5 Rd-br s.c.l. some yellow decomp rock < 5%
3.5-10.0 Rd-br s.l. am
10-11.0 Rd-gray mottled s.l. am
11.0 Bottom

(B)
0-2.5 Rd-br s.c.l.
2.5-4.5 Yellow-br s.a.s.l.
4.5-11.5 Rd-br s.l.
some large weathered rock < 70%
11.5 Bottom

To Old Fred Rd Driveway ← INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE. Proposed 1-acre boundary lines

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
8-14-90	A	3.5' S	1:05	1:29	1:29	2:03	34 min
		12.5' D	(Rock at 5.5 ft)				Fail
		2.0' S	1:40	2:11	1:11	1:11	31 min
	B	3.5' M	1:06	1:08	1:08	1:10	2 min
		11.5' D	(Rock at 4.5 ft < 70%)				Fail
	use C	4.5' S	1:18	1:23	1:23	1:35	12 min
		11.5' D	(Mottled at 9.5 ft)				Hold w Season
	D	4.5' S	1:28	1:34	1:34	1:43	9 min
		11.0' D	(Mottled at 10.0 ft)				Hold w Season

REMARKS: Holes A & B failed, holes C, D, E hold for wet season retest
 TYPE OF SOIL: 0-4.5' Rd-br s.c.l., 4.5-11.5 R s.l., < 5% decomp. rock
 TESTED BY: Jane E. Nadeau ALSO PRESENT Mrs. Hurt, Jr., Mr. Collins, Mr. Hurt, Sr.

APPLICATION

PERCOLATION TESTING

A 46262
P _____

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

2/2

DISTRICT _____

DATE 8-15-90

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 James Hurt Jr & Jerry Hurt

ADDRESS 12800 Old Frederick Road PHONE 489-4791

PROSPECTIVE BUYER Same

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Hurt Property LOT NO. Parcel 2

ROAD AND DESCRIPTION 12800 Old Frederick Rd

TAX MAP 9 PARCEL # 19

SIZE OF LOT 1 acre 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.

(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

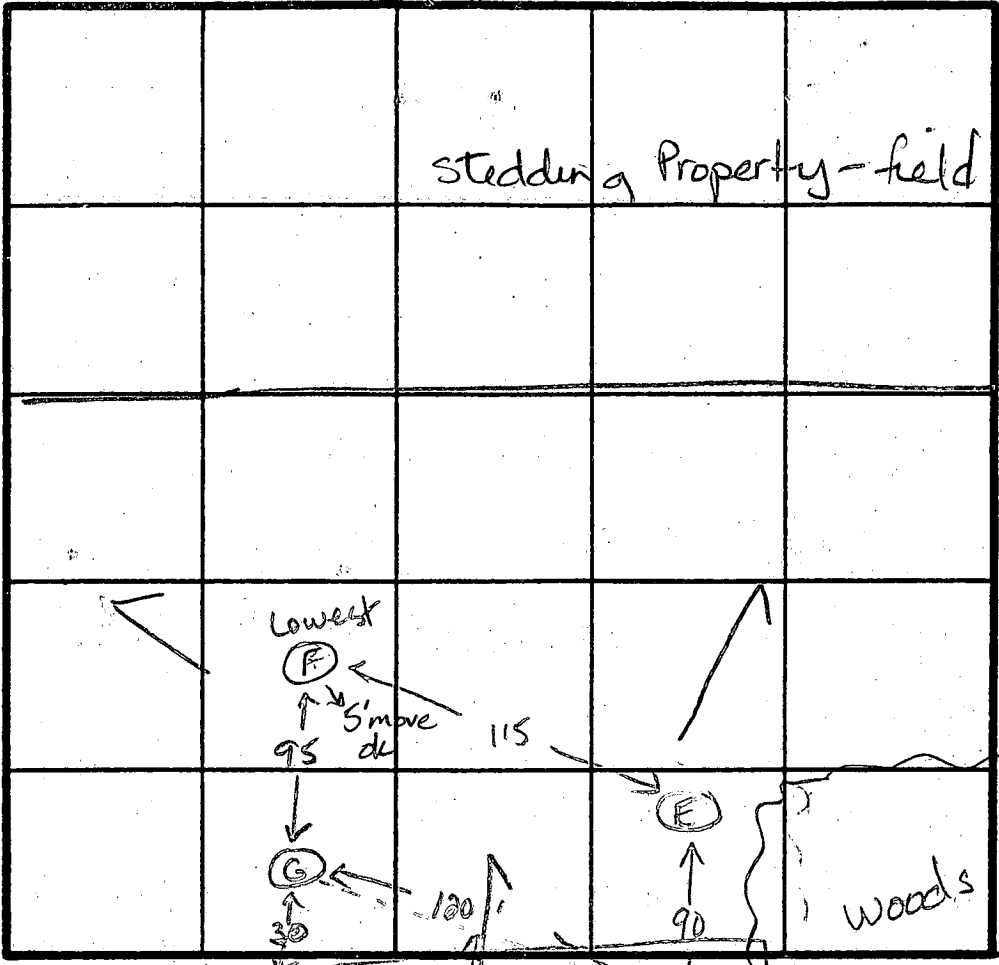
HD-216

THIS IS NOT A PERMIT

A46262

(E)
SOIL PROFILE

0-4.5 Rd-br s c l, roots
4.5-8.5 Rd-br s loam
8.5-11.5 Rd-gray mottled s loam
11.5 Bottom



$\bar{X} = 16 \text{ min}$
240 sqft/bdrm
Inlet = 3.0 ft
Bottom = 4.5 ft

(F)

0-3.5 Rd-br s c loam
3.5-11.0 Rd-yellow s loam, <5% decomp. rock
11.0 Bottom

(G)

0-4.5 Rd-br s c l
4.5-10.0 Rd-br to yellow s loam
10.0 Bottom

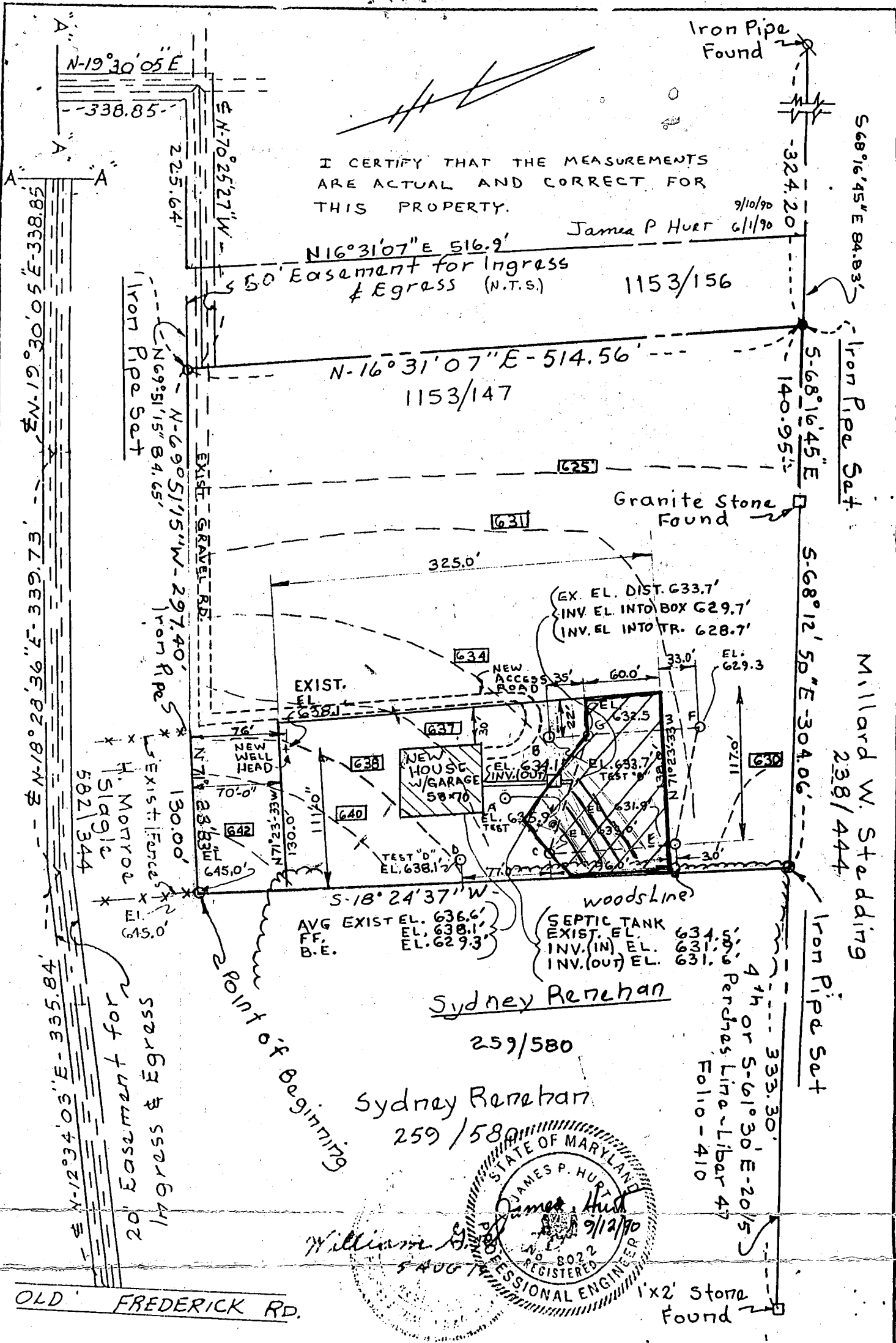
DATE	TEST NO.	DEPTH	(A) PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
8-14-90	use E	3.5 s	2:16	2:19	2:19	2:27	8 min
		11.5 D	(Mottles at 8.5 ft)				Hold W Season
	use F	3.5 s	2:32	2:46	2:46	3:15	29 min ±
		11.0 D	No mottles apparent				Marginal
	use G	10.0 V	No mottles apparent				ok

REMARKS Hole F was marginal, move uphill 5 ft to avoid clay

TYPE OF SOIL Use holes C, E, G & near F

TESTED BY J. Nadeau

ALSO PRESENT Mr. Hurt, Sr
Mr. Collins, Jr



I CERTIFY THAT THE MEASUREMENTS ARE ACTUAL AND CORRECT FOR THIS PROPERTY. 9/10/90
James P Hurt 6/1/90

N16°31'07"E 516.9' Easement for Ingress & Egress (N.T.S.) 1153/156

N-16°31'07"E-514.56' 1153/147

EXIST. EL. 638.1

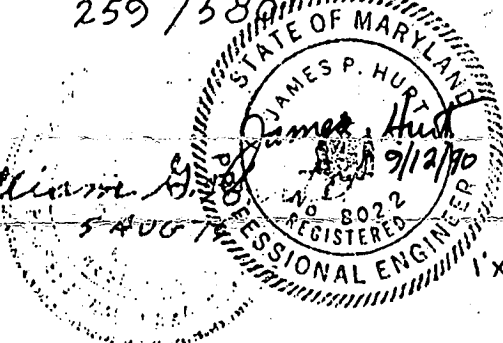
EX. EL. DIST. 633.7' INV. EL. INTO BOX 629.7' INV. EL. INTO TR. 628.7'

AVG EXIST. EL. 636.6' FF. EL. 638.1' B.E. EL. 629.3'

SEPTIC TANK EXIST. EL. 634.1' INV. (IN) EL. 631.1' INV. (OUT) EL. 631.1'

Sydney Renchan 259/580

Sydney Renchan 259/580



TITLE SEWAGE DISPOSAL PERMIT			
PROJECT JAMES P. HURT JR. PROPERTY			
LOCATION 3 rd ELECTION DISTRICT-HOWARD CO., MD.			
DATE: Revised 22 July 75	DES. BY: WGH	DRAWN BY: WGH	CHKD. BY:
SCALE: 1" = 100'	PROJECT NO: 7511	SHEET NO: 2	

DRAWING BASED ON RECORD PLAT PREPARED BY
BOENDER ASSOCIATES INC.
BALTIMORE, MD. 465-7777
SALES OFFICE: 410-780-1200
WASHINGTON, D.C. 20004

B 1 2012

SEQUENCE NO. (DP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL please print or type

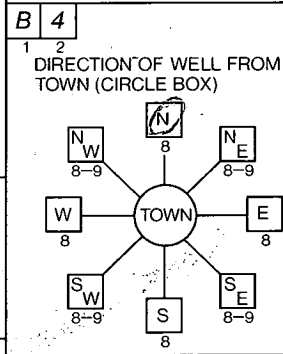
STATE PERMIT NUMBER H0-88-1195 fill in this form completely

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

OWNER INFORMATION Date Received (APA) 011890 HURT, JAMES 12800 OLD FREDERICK RD SYKESVILLE MD 21784

LOCATION OF WELL 4C WARD 8 COUNTY JAMES HURT DRILLING WEST FRIENDSHIP 52 NEAREST TOWN 1 1/2 MILES FROM TOWN

DRILLER INFORMATION Joseph L. Wayne 238 5512 Ridge Rd. Mt. Airy, Md. 21771 1/16/90



old Frederick Road NEAR WHAT ROAD ON WHICH SIDE OF ROAD DISTANCE FROM ROAD 34 3/4 37 ENTER FT or MI 191

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 APPROPRIATION 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# 21161 COUNTY NAME COUNTY NO. STATE SIGNATURE DATE ISSUED 020590 Charles B. ... 8/05/90 NORTH GRID 543000 EAST GRID 0813000

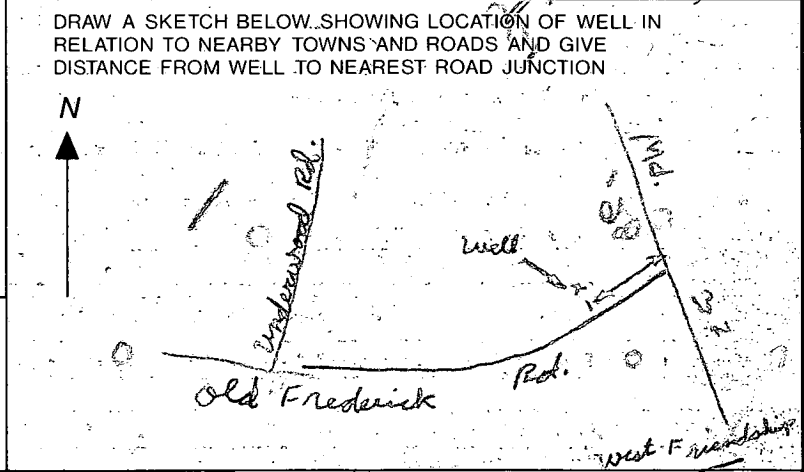
APPROXIMATE DEPTH OF WELL 280 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST

METHOD OF DRILLING (circle one) BORED (or Augered) JETTED Jetted & DRIVEN AIR-ROTary AIR-Percussion ROTARY (Hydraulic Rotary) CABLE REVerse-ROTary Drive-POINT

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

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 FORCE CO WRITE INITIALS IN BOX PERMIT NO. H0-88-1195

SPECIAL CONDITIONS 486-4670/521-3635

C1 1166 SEQUENCE NO. (DENV USE ONLY)

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

COUNTY NUMBER A# 21161

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED 02/3/90

Depth of Well 165 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-08-1195

OWNER HURT, JAMES P. last name first name STREET OR RFD OLD FREDERICK RD. TOWN WEST FRIENDSHIP SUBDIVISION JAMES HURT PROPERTY SECTION LOT 2

WELL LOG table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), Check if water bearing. Includes handwritten entries: Brown Shale 0-65, Blue Rock 65-165.

GROUTING RECORD form: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL CEMENT (CM), BENTONITE CLAY (BC), NO. OF BAGS 11, NO. OF POUNDS 1034, GALLONS OF WATER 66, DEPTH OF GROUT SEAL from 0 to 45 ft.

CASING RECORD form: casing types insert appropriate code below (ST, CO, PL, OT), MAIN CASING TYPE ST, Nominal diameter top (main) casing 6 inch, Total depth of main casing 70 feet.

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

SCREEN RECORD form: screen type or open hole insert appropriate code below (ST, BR, HO, PL, OT)

SCREENING table with columns: EACH CASING, DEPTH (nearest ft.), SCREENING. Includes handwritten entries: H/O 0-8, 8-11, 11-15, 15-17, 17-21, 21-23, 23-24, 24-26, 26-30, 30-32, 32-36, 36-38, 38-39, 39-41, 41-45, 45-47, 47-51.

CIRCLE APPROPRIATE LETTER 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 THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "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. 238

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH) from to 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.) W Q 70 72 74 75 76

TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST form: PUMPING TEST, HOURS PUMPED (nearest hour) 3, PUMPING RATE (gal. per min. to nearest gal.) 10, METHOD USED TO MEASURE PUMPING RATE Bucket, WATER LEVEL (distance from land surface) BEFORE PUMPING 25, WHEN PUMPING 51, TYPE OF PUMP USED (for test) S submersible

PUMP INSTALLED form: 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 2 (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)

