

03-307950

PERMIT

Approved
6-27-83
Carrollan

P 32804

A 29167

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
992-2330

INDEX

SAM BECKER 7 BULLDOG
Carl Eyley BACKHOLE

ELLICOTT CITY
DISTRICT 3rd.

DATE 5/25/83

South Carroll Plumbing and Heating IS PERMITTED TO INSTALL ALTER

ADDRESS 4949 Old Washington Road, Sykesville, Md. 21784 PHONE 795-4881

SUBDIVISION Sunset Valley ROAD 920 Sunset Valley Dr LOT 10, Section 1

PROPERTY OWNER Mr. & Mrs. Pat Patenella PHONE: 262-1117
14314 Yorktown Drive

ADDRESS _____

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

GARBAGE GRINDER? YES _____ NO

SEPTIC TANK CAPACITY 1000 GALLONS NUMBER OF BEDROOMS 3

Dry well or Dry Well and Trench. - 130 sq. ft. per bedroom. Minimum Total sq. ft. in dry well is 390 sq. ft. Inlet 4 ft. below original grade. Maximum depth 10 feet below original grade. Effective area begins at 4 ft below original grade. NOTE: If trench is used to make up absorbent area, run the trench on level ground and leave a 5' earth buffer between drywell and trench. No trench is to exceed 100' in length. Trench inlet to be same as dry well, with 6 ft. of stone below distribution pipe. LOCATION. Place the dry-well 175 feet from the front lot line and 150 feet from the left side line as seen when facing the property from Sunset Valley Drive.

6/21/83 New spec's needed after notes J.S.

PLANS APPROVED BY Frank Skinner DATE 1/18/83

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 AND AFTER PLACING GRAVEL IN TRENCH.

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 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, OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

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

*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

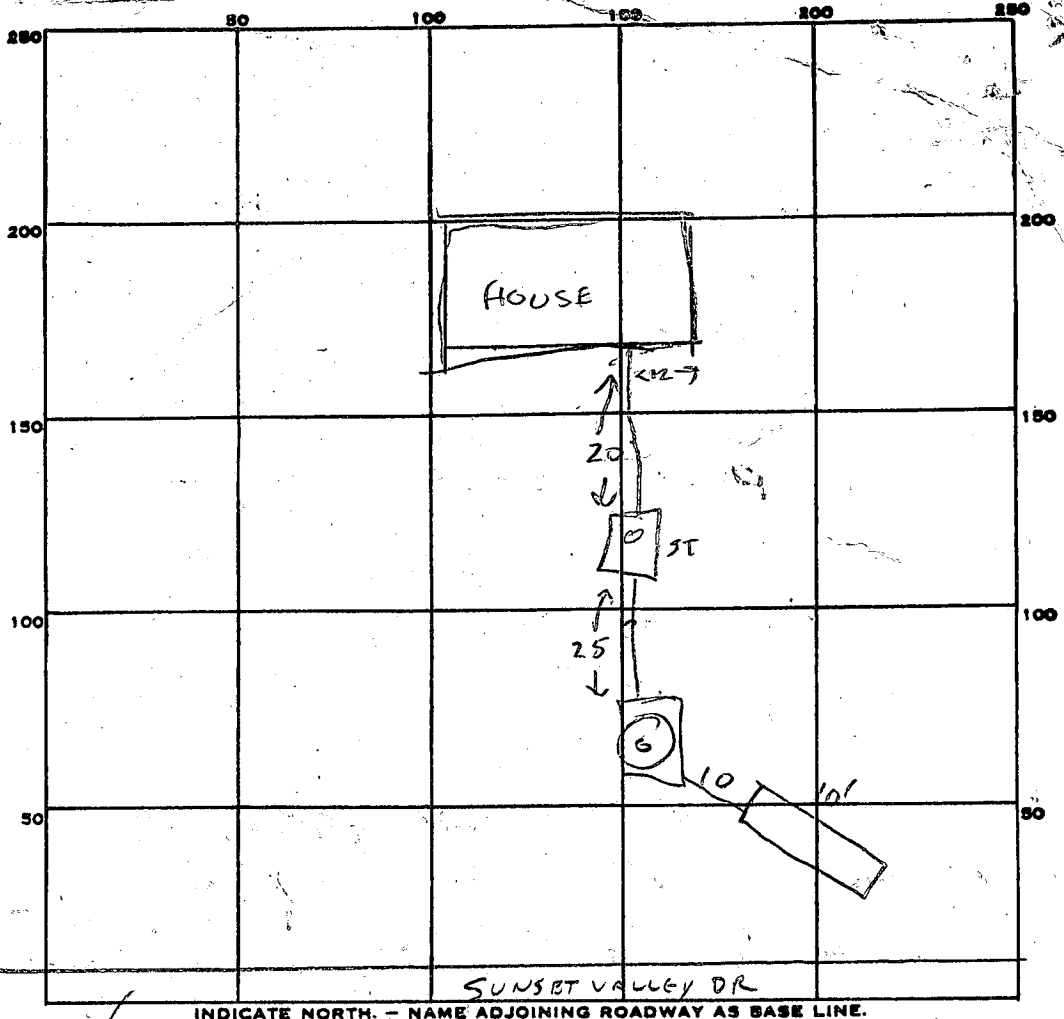
EH - 2-1082

6/23/83
NCCW

136
71

bb

A 29167



PERMIT CARD _____
 SEPTIC TANK, LEVEL _____ CLEANOUTS DW ✓ ST ✓
 DISTRIBUTION BOX, LEVEL _____

TILE FIELD, DEPTH 10 FT. TRENCH WIDTH 2 FT.
 GRAVEL DEPTH 6 FT IN. TOTAL LENGTH 10 FT.
 NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA 60
 DRYWELL 15' x 15' SEEPAGE PITS, INSIDE DIAMETER 60 FT. DEPTH BELOW INLET 6 FT.
 ABSORBENT AREA 360 + 60 = 420 SQ. FT. TOTAL ABS AREA 390
 $\frac{360}{30} = 12$ SQ. FEETED IN TRENCHES

REMARKS 6/23/83 NO VISUAL HOLE DUG BACKHOLE BROS. SUGGEST USE
HOLE (A) FOR DW & PROPOSED SITE (A) FOR VISUAL HOLE R/A
VISUAL HOLE OK 6-24-83 CW
NEED TO SEE GRAVEL IN TRENCH ALL BASE OK 6-24-83
OK TO COVER ALL WORK 6-27-83 CW

DATE SYSTEM APPROVED 6-27-83 INSPECTOR CW

LOT 10

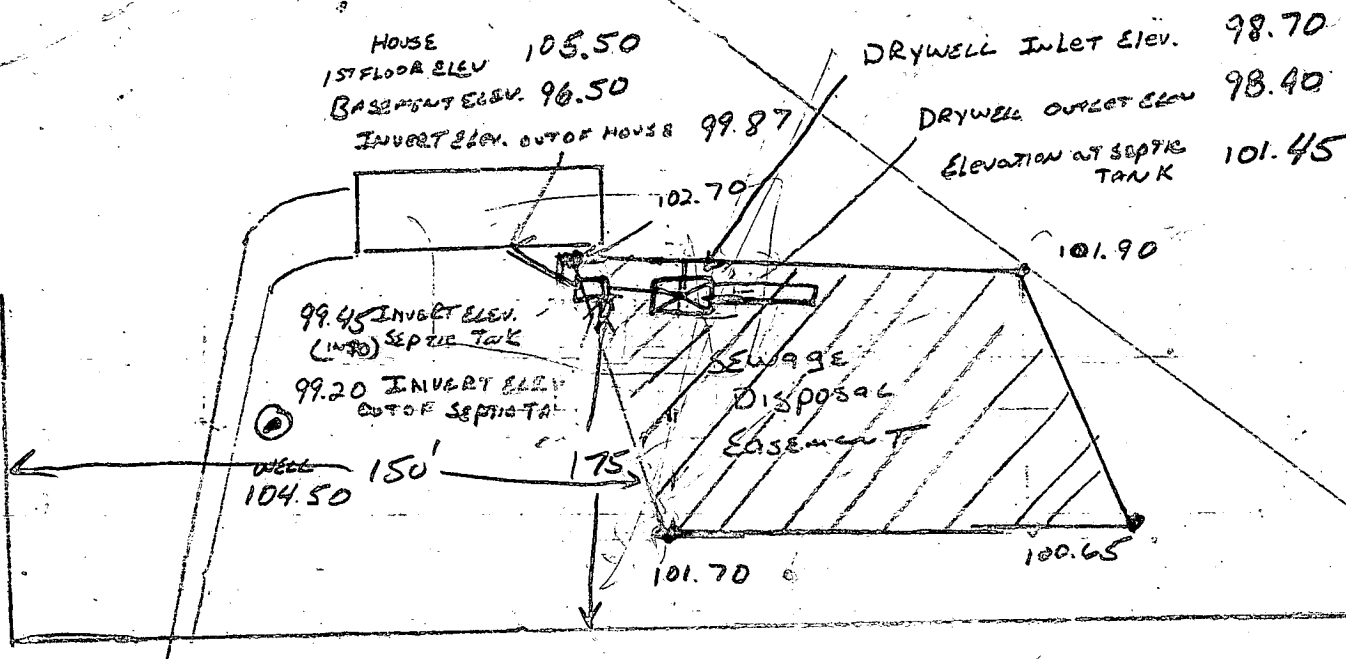
1/18/83.
Sketch on F.S.

77

I CERTIFY THE ABOVE MEASUREMENTS
AND ELEVATIONS ARE ACTUAL +
CORRECT FOR THIS PROPERTY

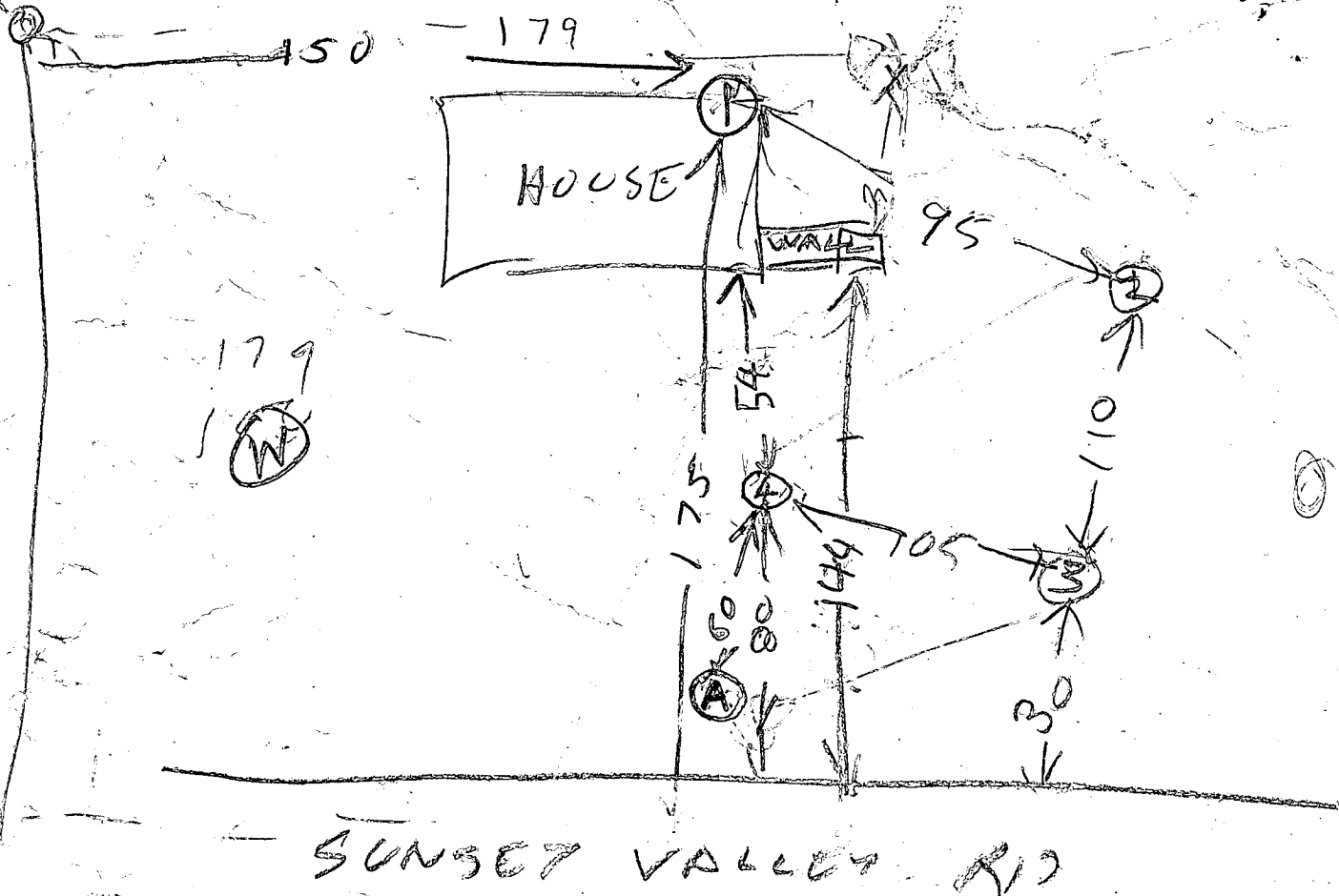
Signed

Samuel E. Egan



SUN SET VALLEY Rd.

FURBYHLE ROAD



(A) = PROPOSED VISUAL HOLE 6/23/83

6/16/83 Measurements of property lines & old per holes show End of House encroaching on per hole ① Possible Retest Hold for Review Tapped to Sam Eckert Beukler & Carl Engler Southland plumbing & heating 795-4881

6/17/83 Held for Review with F.S. 2 Visual Holes No \$100 Fee Put 1 Visual Hole 50 ft from Hole 4 toward front & Put 1 visual hole at new site of proposed Dry Well

C1-3283

SEQUENCE NO. (OEP 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 A29167

Date Received (OEP-use only)

DATE WELL COMPLETED

Depth of Well

PERMIT NO.

FROM "PERMIT TO DRILL WELL"

010789

165 (TO NEAREST FOOT)

HO-73-4343

OWNER: Ecker (last name), Sam (first name); STREET OR RFD: Sunset Valley Drive; TOWN: Sykesville; SUBDIVISION: Sunset Valley; SECTION: 1; LOT: 10

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, TO), Check if water bearing. Rows include Top Soil, Brown Shale, Brown Sandstone, Hard Brown Sandstone, Granite, Hard Brown Sandstone, Granite.

WELL HAS BEEN GROUTED (Y/N); TYPE OF GROUTING MATERIAL: CEMENT (CM), BENTONITE CLAY (BC); NO. OF BAGS: 9; GALLONS OF WATER: 34; DEPTH OF GROUT SEAL: 0 to 50 ft.

CASING RECORD: MAIN CASING TYPE: ST (STEEL); Nominal diameter: 6 inch; Total depth: 56 feet.

OTHER CASING (if used) diameter and depth from

SCREEN RECORD: screen type or open hole: ST (STEEL); BR (BRASS); HO (OPEN HOLE); PL (PLASTIC); OT (OTHER).

DEPTH (nearest ft.): HO 54, 165

CIRCLE APPROPRIATE BOX: [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 10.17.13 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT...

DRILLERS IDENT. NO. 308; DRILLERS SIGNATURE: [Signature]

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

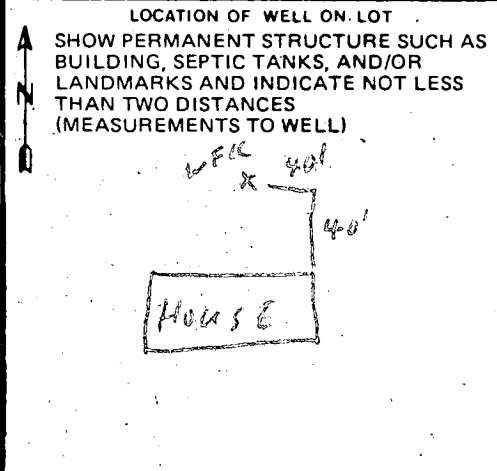
GRAVEL PACK; IF WELL DRILLED WAS FLOWING WELL CIRCLE BOX [F]; DIAMETER OF SCREEN (NEAREST INCH) 56 to 60

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER); TELESCOPE CASING [70]; LOG INDICATOR [72]; OTHER DATA [74, 75, 76]

PUMPING TEST: HOURS PUMPED: 3; PUMPING RATE: 4 gal. per min.; METHOD USED TO MEASURE PUMPING RATE: DUCKER; WATER LEVEL: BEFORE PUMPING 4.2, WHEN PUMPING 12.1; TYPE OF PUMP USED: [C] centrifugal, [R] rotary, [O] other, [J] jet, [S] submersible.

PUMP INSTALLED: YES [Y], NO [N]; DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX) [Y]; TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE): [A, C, J, P, R, S, T, O]; 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)



B 1 **8897** SEQUENCE NO. (OEP USE ONLY) 11:00 Grid STATE OF MARYLAND PERMIT TO DRILL WELL
 (THIS NUMBER IS TO BE PUNCHED IN C.S. 3-6 ON ALL CARDS) 12:30 RT. 3hr OEP PERMIT NUMBER **HO-73-4343**
 please print or type fill in this form completely

Date Received 1 1 2 9 8 2
 OWNER INFORMATION
 Last Name 15 ECKERD SAM Owner 34 Name
 Street or RFD. 36 3799 Rindop Rd. 55
 Town 57 NEW WINDSOR State MD 76 Zip 21776

B 3 LOCATION OF WELL
 COUNTY Howard
 SUBDIVISION Sunset Valley
 SECTION 1 LOT 10
 NEAREST TOWN Sykesville
 MILES FROM TOWN (enter 0 if in town) 2

B 7 Continued DRILLER INFORMATION
 Driller's Name Stanley W. Bollinger Jr. 77 License No. 80 308
 Firm Name Stan's Well Drilling Inc.
 Address PO Box 2035 West. Md. 21157
 Signature Stanley W. Bollinger Jr. Date 11/29/82

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)

 NEAR WHAT ROAD Forsythe Rd.
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE-BOX)
 DISTANCE FROM ROAD 500

B 2 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)

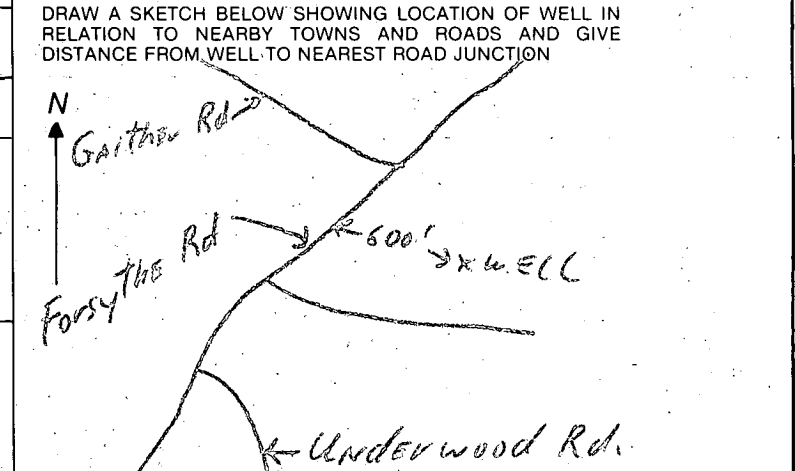
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN 'X'
 SOURCES OF DRILLING WATER
 1. well
 2. 56' casing
 3. 2' gravel gr.
 4. 50' open gr.
 5. 9' base cement
 WRITE THE BOX NUMBER FROM THE MAP HERE
800 4
500 9
 12/23/82

APPROXIMATE DEPTH OF WELL 165 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH

METHOD OF DRILLING (circle one)
 BORED (OR AUGERED) JETTED JETTED & DRIVEN
 AIR ROTARY AIR PERCUSSION ROTARY (HYDRAULIC ROTARY)
 CABLE REVERSE ROTARY DRIVE POINT
 other _____

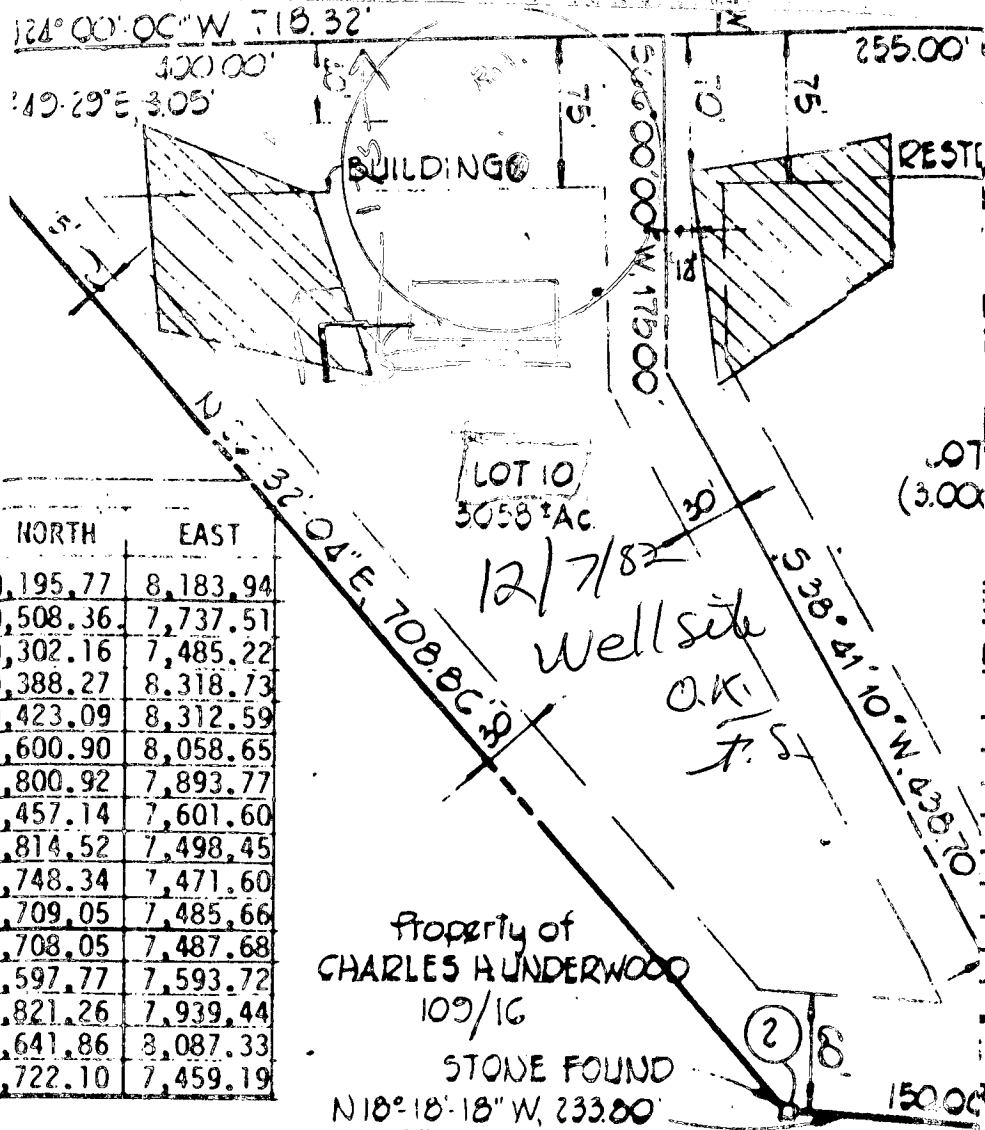
REPLACEMENT OR DEEPEINED WELLS (CIRCLE APPROPRIATE BOX)
 THIS WELL WILL NOT REPLACE AN EXISTING WELL THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
 THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY
 THIS WELL WILL DEEPEIN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE) 41 _____ 52



Not to be filled in by driller (OEP USE ONLY)
 APPROP. PERMIT NUMBER GAP
 FORCE CS WRITE INITIALS IN BOX PERMIT No. HO-73-4343

B 4 NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
 COUNTY NAME HOWARD COUNTY NO. A29167
 OEP SIGNATURE _____ STATE HEALTH CIRCLE BOX 41
 DATE ISSUED 12 07 82 CO SIGNATURE Frank Shover
 NORTH GRID 549 EAST GRID 0804 EXPIRES 060783

B 5 SPECIAL CONDITIONS 8-63



NORTH	EAST
1,195.77	8,183.94
1,508.36	7,737.51
1,302.16	7,485.22
1,388.27	8,318.73
1,423.09	8,312.59
1,600.90	8,058.65
1,800.92	7,893.77
1,457.14	7,601.60
1,814.52	7,498.45
1,748.34	7,471.60
1,709.05	7,485.66
1,708.05	7,487.68
1,597.77	7,593.72
0,821.26	7,939.44
0,641.86	8,087.33
1,722.10	7,459.19

Property of
CHARLES HUNDERWOOD
 109/16
 STONE FOUND
 N18° 18' 18" W, 233.00'

OWNER

TA JAMES
 9108
 LAND SAVAG
 1228

ELOPER

LOT J. KARFON
 (3.00) LER PLACE
 LLE, MARYL

RSION TABL

NO.	OLD LO
	11
	12
	10
	9
	13
	8
	14
	29
	28
	27

AND CAR
 RS & LAND S
 XT AVENUE
 MARYLAND 21

OWNER'S CERTIFICATE

BY GARRETT AND LYNDA JEAN GARRETT, HIS WIFE, AND CHARLES J. K...
 3ED HEREON, HEREBY ADOPT THIS PLAN OF SUBDIVISION, AND IN CONSI
 E OFFICE OF PLANNING AND ZONING, ESTABLISH THE MINIMUM BUILDING
 TY, MARYLAND, ITS SUCCESSORS AND ASSIGNS, (1) THE RIGHT TO LAY,
 PES AND OTHER MUNICIPAL UTILITIES AND SERVICES, IN AN UNDER ALL
 EASEMENT AREAS SHOWN HEREON; (2) THE RIGHT TO REQUIRE DEDICATI
 OADS, AND FLOODPLAINS AND OPEN SPACE WHERE APPLICABLE AND FOR G
 GRANT THE RIGHT AND OPTION TO HOWARD COUNTY TO ACQUIRE THE FEE
 DADS AND FLOODPLAINS, STORM DRAINAGE FACILITIES AND OPEN SPACE
 UIRE DEDICATION OF WATERWAYS AND DRAINAGE EASEMENTS FOR THE SPE
 MAINTENANCE; AND (4) THAT NO BUILDING OR SIMILAR STRUCTURE OF
 SEMENTS AND RIGHT-OF-WAYS. WITNESS OUR HANDS THIS 18th DA

Ray Garrett

Lynnda Jean Garrett

DISTRICT

SECTION
INSET

LOTS 1-

Subdivision: Sunset Valley

Lot 10, sec. 1

10:30 Pump test 3 hrs.

Dry Well or Day Well + Trench

130 sq ft / bdrm

	<u>Septic Tank</u>	<u>Minimum Total sq ft</u>
<u>3 Bdrm</u>	1000 gal	390 SQ. FT.
4 Bdrm	1250 gal	520 SQ. FT.
5 Bdrm	1500 gal	

Inlet 4 ft below original grade
 Maximum depth 10 ft below original grade
 Effective area begins at 4 ft below orig. grade

Note: IF Trench is used to make up absorbent area, run the trench on level ground and leave a 5' earth buffer between drywell and trench. No trench is to exceed 100' in length. Trench inlet to be same as Day Well, with 6 ft of stone below distribution pipe.

Location: Place the drywell 175 feet from the front lot line and 150 feet from the left side line, as seen when facing the property from Sunset Valley Drive.



APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 29167

P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES
P.O. BOX 476 ELLICOTT, MARYLAND 21043
TELEPHONE: 992-2330

DISTRICT 3RD

DATE 10/12/78

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 VIRGINIA M. GARRATT Mr. & Mrs. Pat Patenella

ADDRESS FORSYTHE ROAD SYKESVILLE, MD. PHONE 301-442-2262
21784 242-1117

PROPERTY LOCATION:

SUBDIVISION SUNSET VALLEY LOT NO. new 10

ROAD AND DESCRIPTION SUNSHINE WAY 920 Sunset Valley Drive Sec. 1

SIZE OF LOT 3.0 AC ± TYPE BLDG SINGLE FAMILY RESIDENCE

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.

SIGNATURE OF APPLICANT Bruce D. Bunter

APPROVED BY F. Shinn FOR drywell & trench DATE 1/5/83

REJECTED BY _____ FOR _____ DATE _____

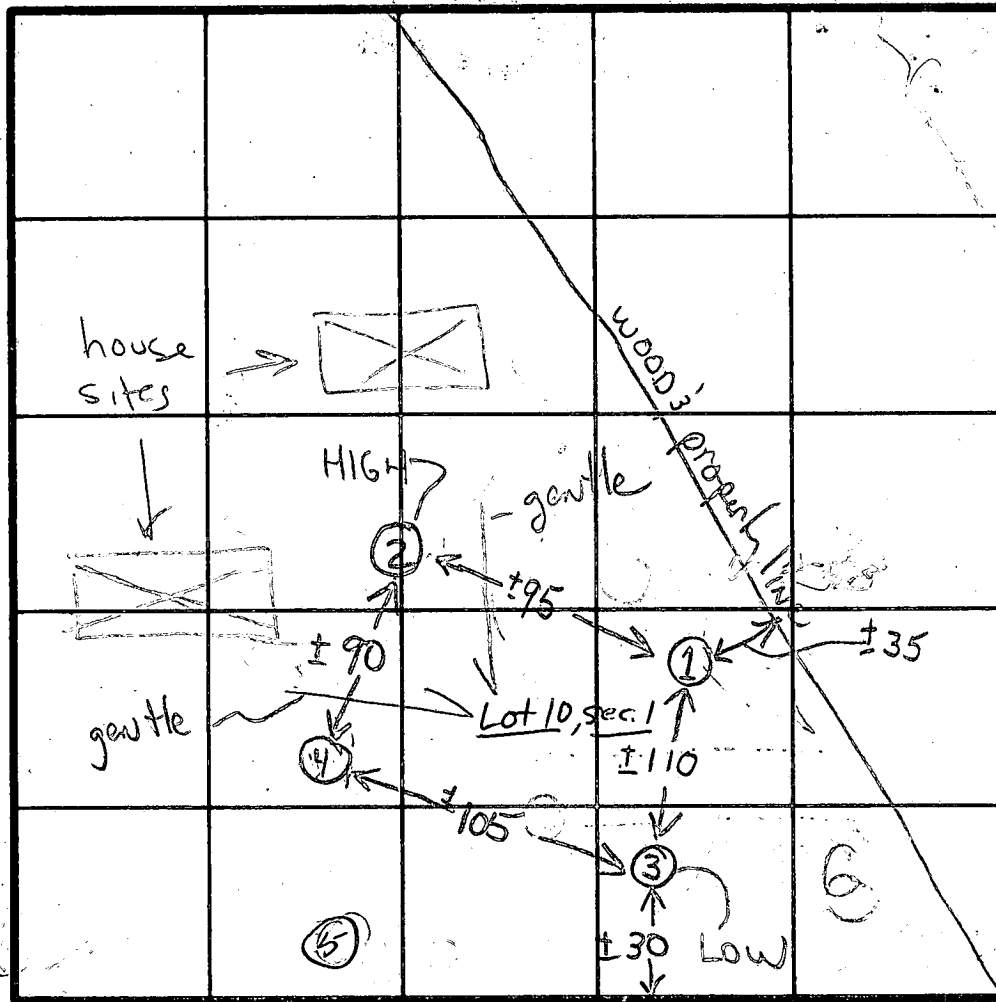
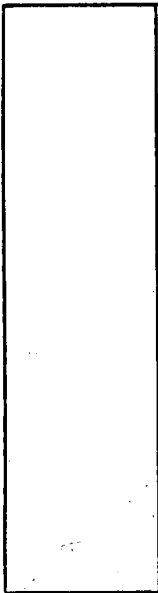
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

BLDG. PERMIT SIGNED
AND RETURNED 1/18/83
Serial # 52122 SHD.

THIS IS NOT A PERMIT

SOIL PROFILE



WOODS' PROPERTY LINE

Hole
 (2) for
 SYSTEM
 DW'S TRENCH
 (3) → (4)
 OR
 (2) → (1)

8 min 3.4

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SUNSET VALLEY DRIVE

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/5/77	15	4'	223	230	220	227	7
	10	14'	223	226	226	230	4
	25	4	1120	1133	1133	1141	7
	20-H	14	1131	1144	1144	1156	12
	3s	4	220	222	222	226	4
	30	14	220	225	225	234	9
	4	12 1/2	SIMILAR TO		(3)		
5-24-83	5	14'	SIMILAR TO		(4)		

REMARKS wooded lot - tests as stakes

TYPE OF SOIL SANDY LOAM - NO pronounced clay layer

TESTED BY (GLK)

ALSO PRESENT Crap/Krafonta

Sunset Valley Lot 10

*

6/17/83

Called 795 9881 Perry
FS said 2 visual holes
needed ① to expand area
② to place for new dry well
site No \$100 return
fee

6/21/83 Talked to
Carl Eyer's Wife
Left Message to Call Back

6/21/83 T.C. & Mr. Eyer 2 perc holes req'd FS.

6/23/83 VISITED SITE TO SEE VISUAL HOLES BUT
BACK HOE BROKE!