

2/23/83  
A.M. Grant  
2/24/83  
A.S.A.P.

approved  
2-24-83  
C. Willbourn

# PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

P 32481  
A 29166

03-307948

HOWARD COUNTY  
BUREAU OF ENVIRONMENTAL HEALTH  
992-2330

ELLICOTT CITY  
DISTRICT 3rd

## INDEX

DATE 2/9/83

Francis Bollinger and Sons IS PERMITTED TO INSTALL X ALTER \_\_\_\_\_

ADDRESS Bollinger Road, Westminster, Md. 21157 PHONE 848-5864 or 848-6527

SUBDIVISION Sunset Valley ROAD 930 Sunset Valley Drive LOT 9, Sec. 1

PROPERTY OWNER Richard A. Baum

ADDRESS 7717 Carter Road, Sykesville, Maryland 21784 Phone: 795-1567

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

GARBAGE GRINDER? YES \_\_\_\_\_ NO X

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

DRY WELL - To have 140 sq. ft. per bedroom absorbent sidewall area. Inlet at 2 1/2 ft. below original grade; effective depth begins at 4 ft. below original grade, and maximum depth permitted for dry well is 10 ft. below original grade. Locate the dry well 20 ft. from right side and 170 ft. from front lot line as seen when facing lot from Sunset Valley Road.

PLANS APPROVED BY Fred Frommelt and Frank Skinner DATE 9/22/82

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.

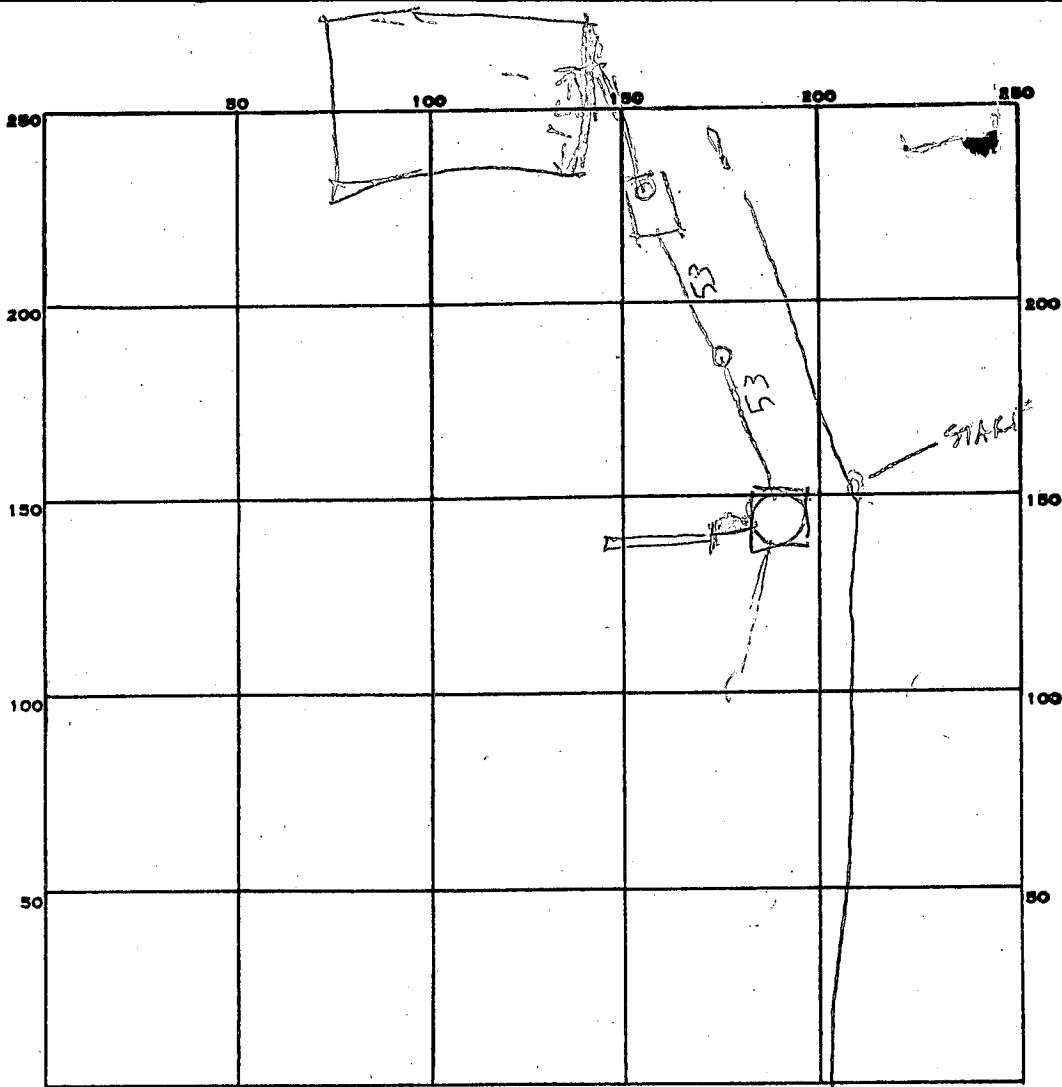
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA, OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

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

\*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

A 29166



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

PERMIT CARD YES

<u>ST</u>	<u>SEWER</u>
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SEPTIC TANK, LEVEL OK 1250 (Bablon Vault) CLEANOUTS 01"

DISTRIBUTION BOX, LEVEL TOP 2 FT BOG

TILE FIELD, DEPTH 10 FT. TRENCH WIDTH 36 FT.

GRAVEL DEPTH \_\_\_\_\_ IN. TOTAL LENGTH 2 FT.

NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA \_\_\_\_\_

SEEPAGE PITS, INSIDE <sup>PERIMETER</sup> DIAMETER 60 FT. DEPTH BELOW INLET 6 FT.

ABSORBENT AREA 360 SQ. FT.

REMARKS 2/23/83 LOCATION OK DW INLET IS 4 FT BOG  
DITCH INLET 4' FT BOG 140 X 4 = 560 SQ FT  
NEEDED FOR 4BR HOUSE  
SCHEDULE 40 PVC NEAR TANK 1500 LB P/S NEAR DW  
OK TO COVER TANK & DW ADD STONE TO DITCH  
CALL RH 2-24-83 OK TO COVER CW

DATE SYSTEM APPROVED 2-24-83 INSPECTOR C. Wilton



# APPLICATION

A 29166

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P \_\_\_\_\_

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

*3 B.R. 1000 gal.  
4 B.R. 1250 gal.  
140 sq. ft. per B. R.  
Total depth 10 ft. max. B.O.G.  
Inlet 3 1/2 ft max., effective at 4 ft*

DISTRICT 3 RD

DATE 10/12/78

*location: 20 ft. from right side and 170 ft. from front lot line  
as seen from Sunset V.S.H. Rd.*

*increase tank and sq. ft. @ disposal*

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~~ Richard A. Baum - 795-1567  
7717 Carter Road

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

PROPERTY LOCATION:

SUBDIVISION SUNSET VALLEY LOT NO. 18 9  
SEC. 1

ROAD AND DESCRIPTION SUNSHINE WAY Sunset Valley Drive

SIZE OF LOT 3.0 AC. ± TYPE BLDG. 4 B.R. with hot water disposal  
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. Bunto

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

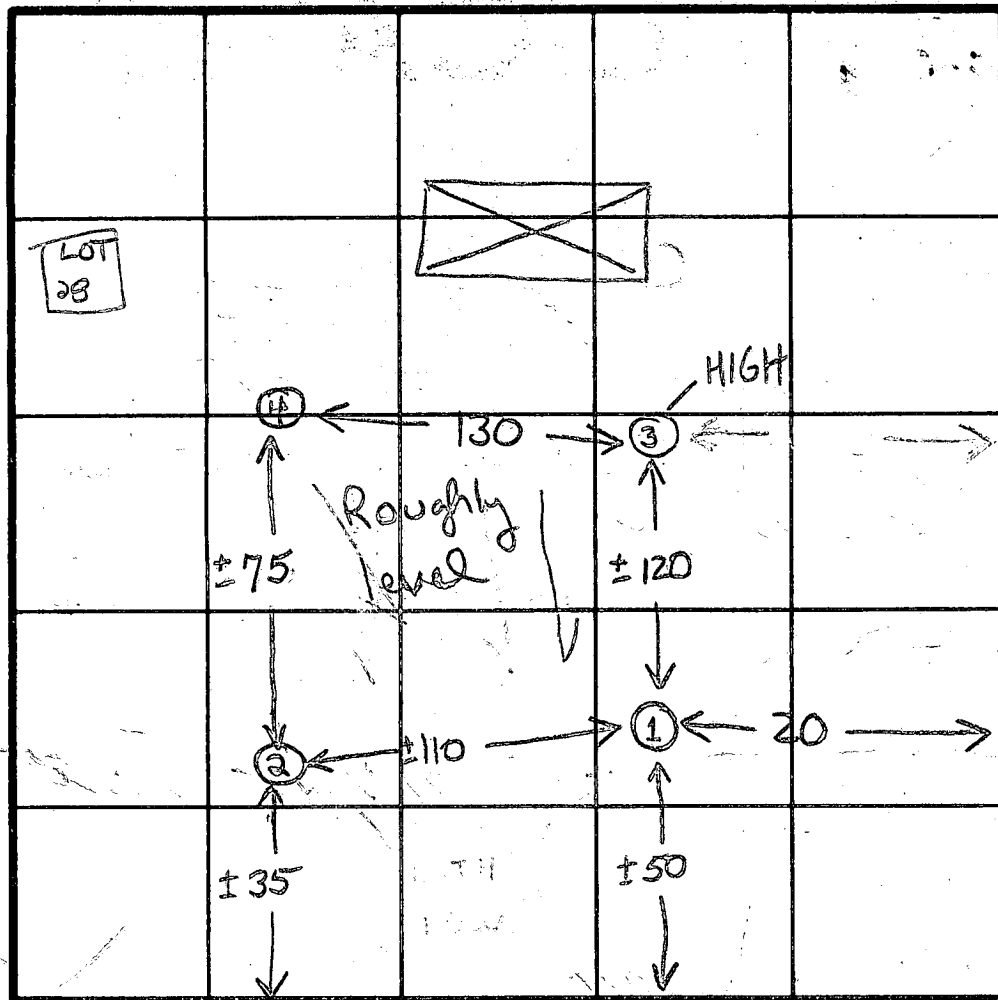
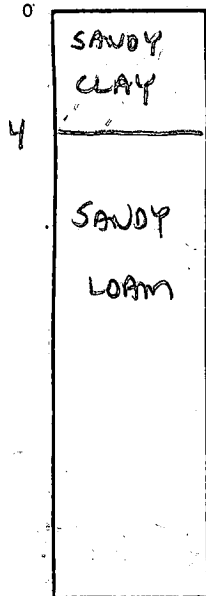
HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

BLDG. PERMIT SIGNED  
AND RETURNED 9/29/82  
Serial # 50985-

# THIS IS NOT A PERMIT

ALL HOLES  
CONSISTENT  
SOIL PROFILE



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	
4/5/79	1S	5 1/2	1015	1019	1019	1024	5
	1D	13 1/2	1015	1020	1020	1026	6
	2S	5	1019	1025	1025	1032	7
	2D	13	1019	1027	1027	1045	18
	3S	4'	1030	1036	1036	1046	10
	3D - H	14'	1030	1036	1036	1046	10
	4	12 1/2'	VISUAL		SIMILAR TO (3)		

FRONT YARD

TRENCH  
③ → ①  
OR  
③ → ④

good soil  
AT 4'

DW Here

10 min

REMARKS inserted lots - tests as stated

TYPE OF SOIL SANDY LOAM - / SANDY-CLAY LAYER TO 3-4'

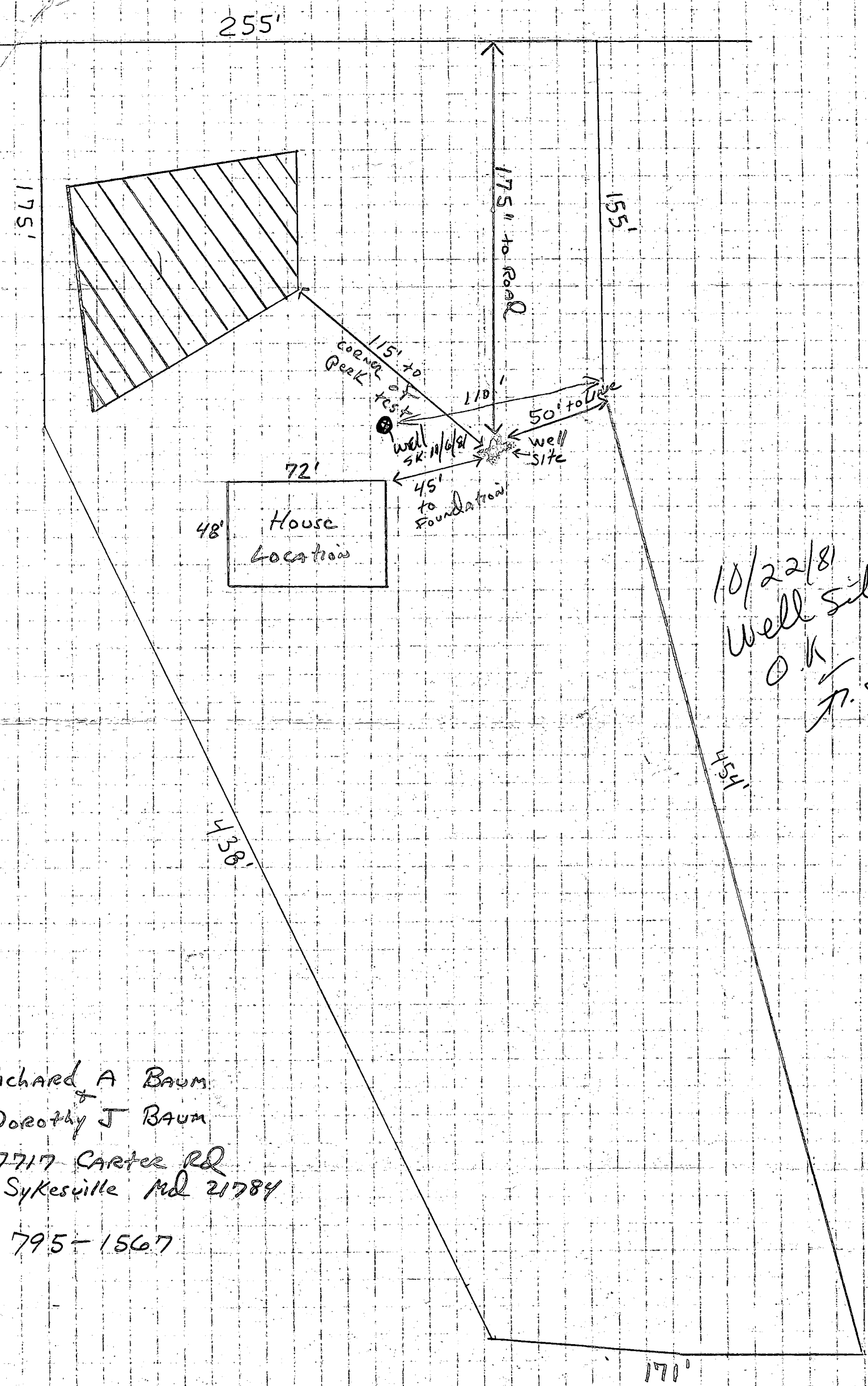
TESTED BY GLK

ALSO PRESENT Karhonta/Craw

SUNSET Valley  
Section 1 - Lot 9

2" = 100'

50' R/W



10/22/81  
Well Site  
O.K.  
J.S.

Richard A Baum  
&  
Dorothy J Baum  
7717 Carter Rd  
Sykesville Md 21784  
795-1567

Westminster Rotary well drilling  
will be doing the well work.

B 1 **9174** SEQUENCE NO. WRA USE ONLY  
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND  
APPLICATION FOR PERMIT TO DRILL WELL  
please print or type

WRA PERMIT NUMBER  
**HO-73-4035**  
fill in this form completely

DATE RECEIVED 10/13/81  
11/6/81 8 (WRA USE ONLY) 13  
1:30 P.M.  
OWNER INFORMATION  
Baum, Richard A.  
LAST NAME OWNER FIRST NAME  
7717 Carter Road  
STREET OR RFD  
Sykesville, Md. 21784  
TOWN STATE ZIP

B 3 LOCATION OF WELL  
COUNTY Howard  
SUBDIVISION Sunset Valley  
SECTION I LOT 9  
NEAREST TOWN Sykesville  
MILES FROM TOWN (enter 0 if in town) 2 **MI**

B 1 CONTINUED DRILLER INFORMATION  
Dana Kyker, Jr., II 256  
DRILLER'S NAME LICENSE NO. 80  
Dana Kyker, Sr., II 10/9/81  
SIGNATURE DATE

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  
  
Sunset Valley Drive  
NEAR WHAT ROAD  
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
WEST EAST SOUTH NORTH  
DISTANCE FROM ROAD (CIRCLE APPROPRIATE BOX)  
30 37 **MI**  
38 39

B 2 WELL INFORMATION  
APPROX. PUMPING RATE (GAL. PER MIN) 6  
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 410

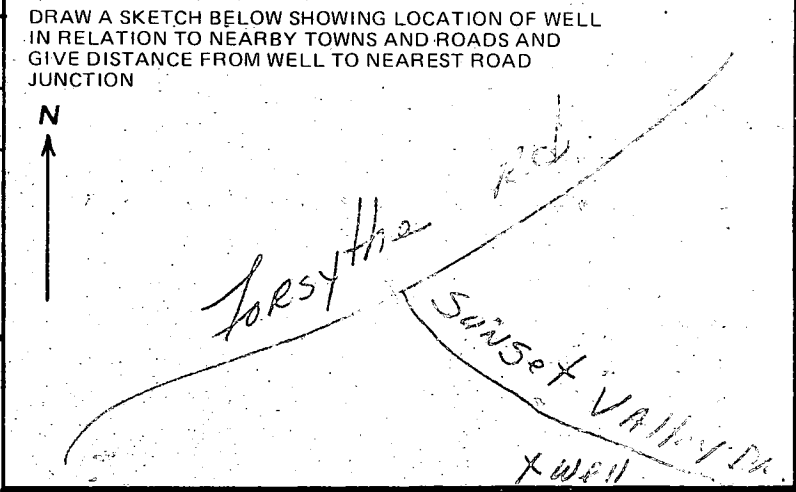
USE FOR WATER (CIRCLE APPROPRIATE BOX)  
 HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)  
 FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)  
 INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)  
 PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)  
 TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

SHOW LOCATION OF WELL WITH AN "X" IN THIS BOX  
85' casing / 1' casing  
40' open  
26 bags  
WRITE THE BOX NUMBER FROM THE MAP HERE  
  
DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION

APPROXIMATE DEPTH OF WELL 150' FEET.  
APPROXIMATE DIAMETER OF WELL 6" NEAREST INCH

Method of Drilling (circle one)  
 BORED (OR AUGERED)  JETTED  JETTED & DRIVEN  
 AIR ROTARY  AIR PERCUSSION  ROTARY (HYDRAULIC)  
 CABLE  REVERSE ROTARY  DRIVE POINT  ROTARY  
other \_\_\_\_\_

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 (WRA USE ONLY)  
APPROX. PERMIT NUMBER GAP  
FORCE INITIALS CONDITIONS HO-73-4035  
WRITE IN BOX

B 4 NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL **A2466**  
HOWARD COUNTY NAME A COUNTY NO.  
EHA SIGNATURE Frank Sk... STATE HEALTH CIRCLE BOX **S**  
MO DAY YR 10 2 281 DATE  
NORTH 550 EAST 0305 ELEV. (FT.) \_\_\_\_\_  
GRID 50 55 GRID 57 63 65 68

B 5 SPECIAL CONDITIONS (WRA USE ONLY)

Well not within shown of approved sketch.

Well is 60' from nearest pre hole at same elevation  
same as to ground well is state reg samp 30'

SK 11/6/81

C1 1319 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 A 29166

Date Received (OEP use only)

DATE WELL COMPLETED

Depth of Well

PERMIT NO.

FROM "PERMIT TO DRILL WELL"

110687

353

H0-73-4035

(TO NEAREST FOOT)

OWNER Baum last name Richard A first name

STREET OR RFD: Sunset Valley Dr. TOWN Sykesville

SUBDIVISION: Sunset Valley SECTION LOT 9

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 (Use additional sheets if needed), FEET (FROM, TO), Check if water bearing. Rows include: Soft Brn. Mica & Red Clay, Hard & Soft Brown Mica, Hard Blue Sandstone, Hard Brn. Sandstone, Sykesville Granite, Hard Brown Sandstone, Hard Blue Sandstone, Blue & Black Granite, Brown Sandstone, Granite, Blue & White Sandstone, Blue Sandstone, Blue Sandstone & Opening, Granite, Granite, Fracture Granite.

GROUTING RECORD WELL HAS BEEN GROUTED (Circle Appropriate Box) YES Y NO N

TYPE OF GROUTING MATERIAL CEMENT CM BENTONITE CLAY BC NO. OF BAGS 26 NO. OF POUNDS 2384 GALLONS OF WATER 156 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 82 ft.

CASING RECORD casing types insert appropriate code below STEEL CO CONCRETE PL OT PLASTIC OTHER

MAIN CASING TYPE S T Nominal diameter top/main casing (nearest inch) 6 Total depth of main casing (nearest foot) 84' 11"

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

SCREEN RECORD screen type or openhole insert appropriate code below STEEL BR BRASS BRONZE HO OPEN HOLE PL PLASTIC OT OTHER

DEPTH (nearest ft.) 84' 11" 353

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, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS IDENT. NO. 296 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) SITE SUPERVISOR sign of driller or journeyman responsible for sitework if different from permittee

SLOT SIZE DIAMETER OF SCREEN (NEAREST INCH) GRAVEL PACK

IF WELL DRILLED WAS FLOWING WELL CIRCLE BOX F

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q TELESCOPE CASING LOG INDICATOR OTHER DATA

C 3 (Seq. no.)

PUMPING TEST HOURS PUMPED (nearest hour) 6

PUMPING RATE (gal. per min. to nearest gal.) 150 METHOD USED TO MEASURE PUMPING RATE Flowmeter

WATER LEVEL (distance from land surface) BEFORE PUMPING 93 WHEN PUMPING 334

TYPE OF PUMP USED (for test) A air P piston T turbine C centrifugal R rotary O other (describe below) J jet S submersible

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

IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE

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)

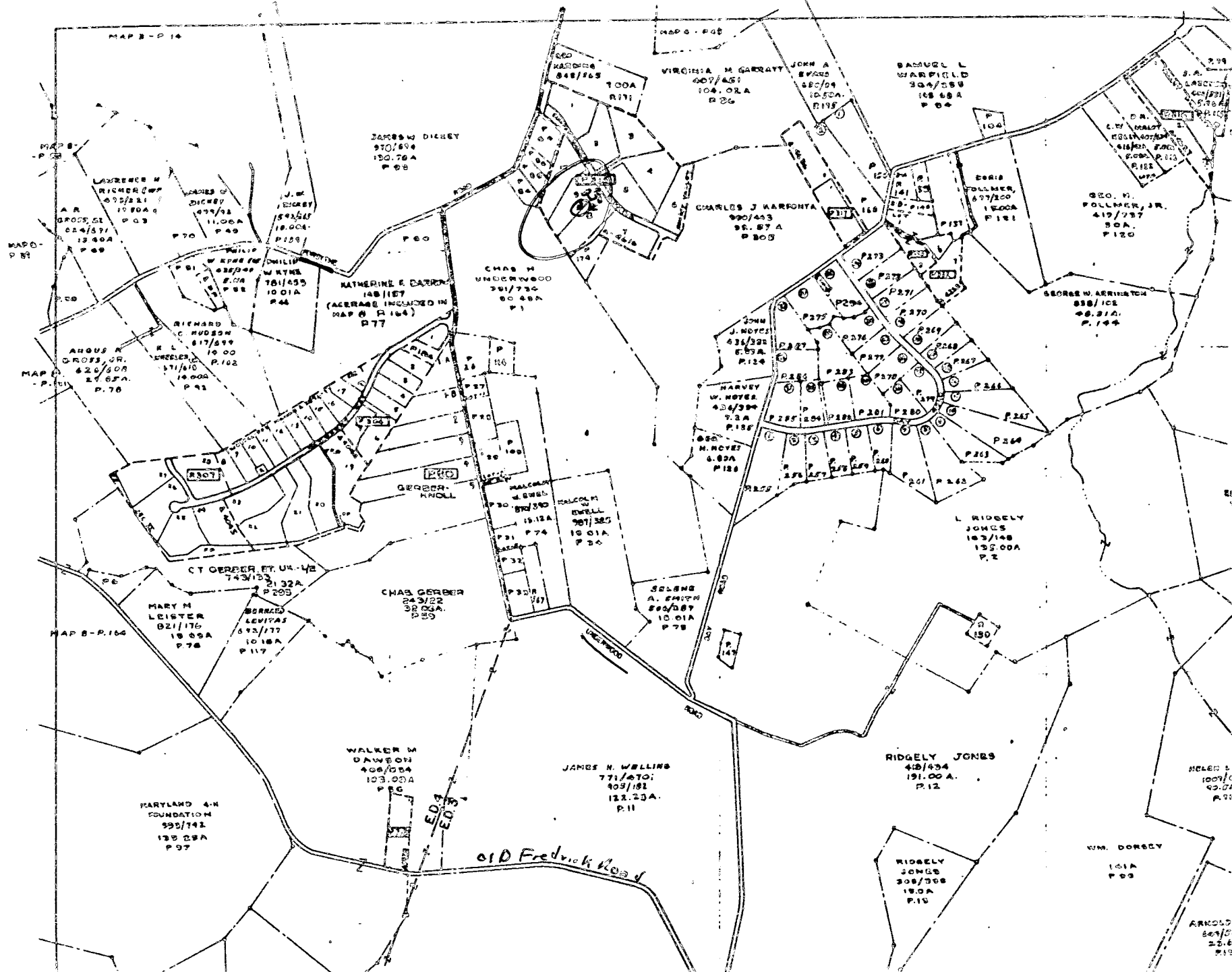
PUMP HORSE POWER PUMP COLUMN LENGTH (nearest ft.)

CASING HEIGHT (circle appropriate box and enter casing height) LAND SURFACE

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)

Handwritten notes: Foresyth Rd, Sunset Valley, 11/15/15, XW





MAP B-P 16

MAP C-P 17

MAP B-P 16

MAP C-P 17

MAP D-P 18

MAP B-P 16

MARYLAND 4-H  
FOUNDATION  
495/142  
135.25A  
P 97

WALKER M  
DAWSON  
406/054  
103.00A  
P 6

JAMES H. WELLS  
771/870  
403/181  
122.23A  
P 11

RIDGELY JONES  
418/834  
191.00A.  
P 12

WM. DORSEY  
101A  
P 99

ARNOLD  
847/0  
22.6  
P 13

Old Frederick Road

CHAS GERBER  
243/22  
38.00A.  
P 25

MARY H  
LEISTER  
821/176  
18.00A  
P 78

BORRICK  
LEWIS  
643/177  
10.18A  
P 117

CT GERBER ET. UX-42  
743/123  
21.32A  
P 205

SELENE  
A. SMITH  
884/087  
10.01A  
P 78

MALCOLM  
H. DWELL  
987/385  
10.01A  
P 20

MALCOLM  
H. DWELL  
870/340  
15.12A  
P 74

GERBER-  
KNOLL

P 100

P 101

P 102

P 103

P 104

P 105

P 106

P 107

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P 109

P 110

P 111

P 112

L RIDGELY  
JONES  
183/148  
135.00A  
P 2

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P 225

GEORGE W. ABRINGTON  
888/102  
46.81A.  
P 144

Geo. W.  
FOLLMER, JR.  
417/737  
50A.  
P 120

EDDIE  
FOLLMER,  
637/100  
1500A  
P 181

SAMUEL L  
WARFIELD  
304/258  
108.68A  
P 64

JOHN A  
EVANS  
820/04  
10.50A.  
P 115

VIRGINIA M GARRETT  
207/457  
104.02A  
P 26

CEO  
HARRIS  
848/265  
TODA  
R 171

JAMES W DICKEY  
970/894  
130.78A  
P 88

CHAS M  
UNDERWOOD  
701/734  
80.48A  
P 1

KATHERINE E DICKEY  
148 (187)  
(ACREAGE INCORPORATED IN  
MAP H P 164)  
P 77

RICHARD E  
HUDSON  
817/899  
16.00A  
P 102

ANGUS R  
GROSS, JR.  
620/608  
17.02A.  
P 70

LAWRENCE M  
RICHARDS  
872/231  
15.90A  
P 63

JAMES W  
DICKEY  
874/92  
11.00A  
P 49

J. W  
HARRIS  
1543/44  
18.00A  
P 128

WILLIAM  
WYNNE  
781/655  
10.01A  
P 44

CHARLES J KARFANTA  
930/443  
26.87A  
P 203

JOHN  
J. MOYER  
631/321  
6.87A.  
P 124

HARVEY  
W. MOYER  
434/394  
7.2A  
P 136

JOHN  
H. MOYER  
6.82A  
P 128

S. A.  
LASCOR  
448/231  
5.96A  
P 103

C. W.  
MALOT  
838/407  
118.00A  
P 113

HELER E.  
1007/0  
40.01A  
P 93

RIDGELY  
JONES  
308/308  
18.0A  
P 10