

APPLICATION

PERCOLATION TESTING

A 29156

P _____

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

DISTRICT _____

DATE 3/21/88

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 _____

ADDRESS _____ PHONE _____

PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION SUNSET VALLEY ESTATES LOT NO. 6

ROAD AND DESCRIPTION SUNSET VALLEY DRIVE

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 B Nyfan FOR Deep system DATE 3/21/88

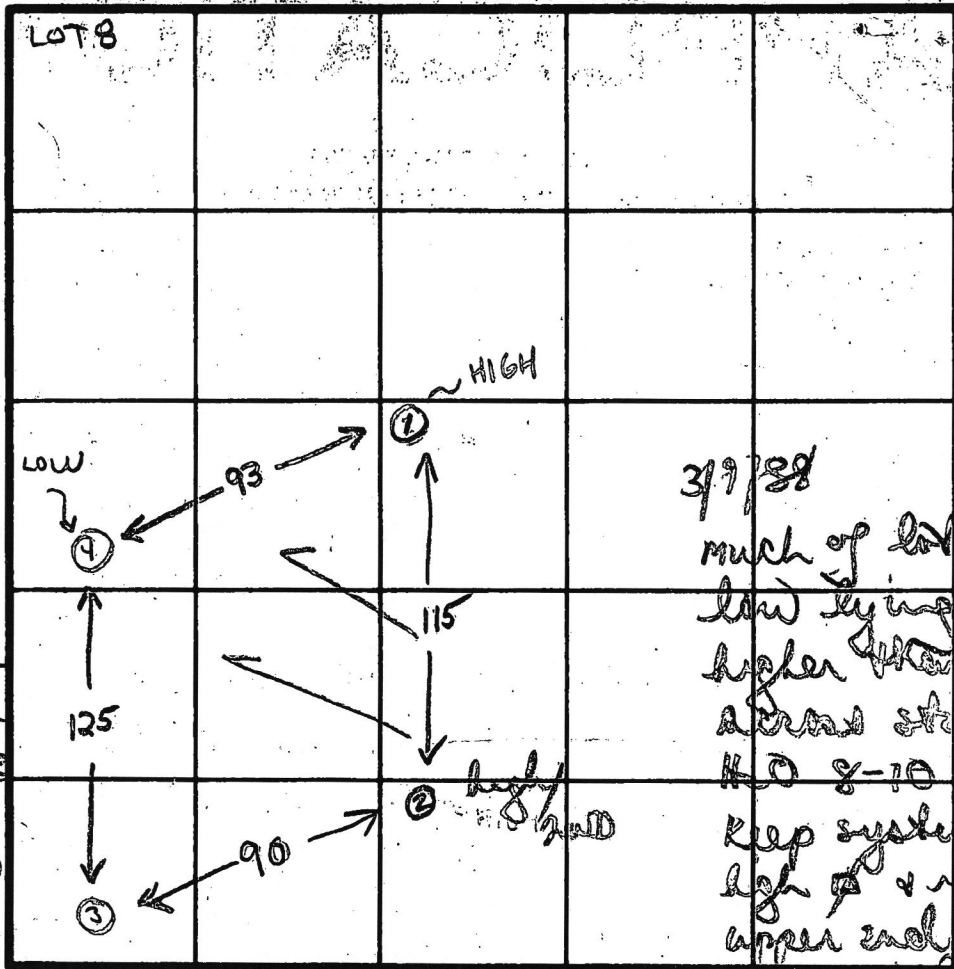
REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING Visual reinspection confirms satisfactory soils (good in top area satisfactory in lower area) All repairs shall be shallow.

HD-216

THIS IS NOT A PERMIT



Use
Trenches
② → 1

3/9/88
much of lot fairly
low lying (though
higher than lot 12
across street where
HO 8-10)
Keep system shallow
high & maximize
upper end of 5'
per field.

18 min

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
10/15/78	15 - HIGH	5 1/2'	1037	1043	1043	1052	9
	10	14'	1037	1043	1043	1052	9
	25	6	1052	1101	1101	1112	11
	20	12	visual	- sim	1112		
	35	5 1/2'	1047	1053	1053	1103	10
	30	12 1/2'	1047	1105	1105	1130	25
	45 - LOW	5 1/2'	1041	1043	1043	1052	9
	40	13 1/2'	1041	1052	1052	1110	18

REMARKS open field - high weeds - tests as stated

TYPE OF SOIL Red silty loam below clay ① & ④ sandy loam ② & ③

TESTED BY (GLK) + RD ALSO PRESENT

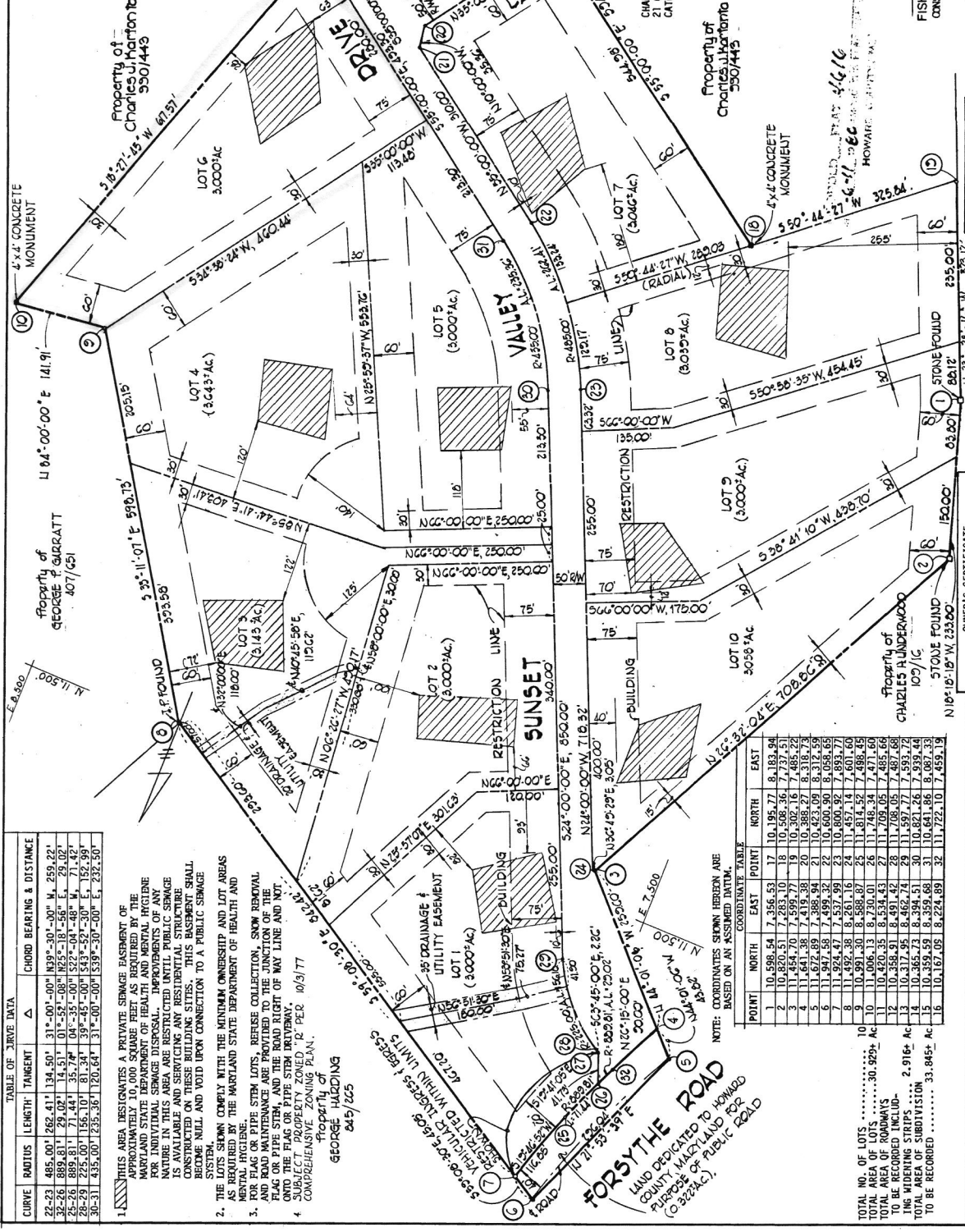
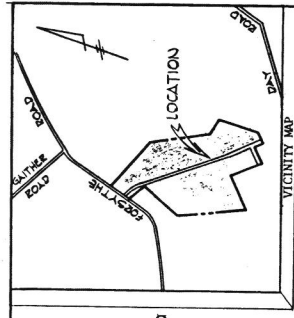


TABLE OF CURVE DATA

CURVE	RADIUS	LENGTH	TANGENT	CHORD BEARING & DISTANCE
22-23	485.00'	262.41'	134.50'	31°-00'-00" N 93°-30'-00" W 259.22'
23-24	889.51'	29.07'	14.51'	01°-57'-00" N 65°-18'-56" E 29.02'
24-25	922.00'	165.10'	81.74'	09°-25'-00" N 52°-46'-00" W 71.42'
25-26	922.00'	165.10'	81.74'	09°-25'-00" N 52°-46'-00" W 71.42'
30-31	435.00'	235.36'	120.64'	31°-40'-00" N 53°-30'-00" E 232.50'

1. THIS AREA DESIGNATES A PRIVATE SEWER EASEMENT OF APPROXIMATELY 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE FOR INDIVIDUAL SEWER DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE SYSTEMS ARE AVAILABLE. ANY SEWERAGE SYSTEMS CONSTRUCTED ON THESE BUILDING SITES SHALL BE CONSIDERED TO BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM.

2. THE LOTS SHOWN COMPLY WITH THE MINIMUM OWNERSHIP AND LOT AREAS AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE.

3. FOR FLAG OR PIPE STEM LOTS, REVERSE COLLECTION, SNOW REMOVAL, FLAG OR PIPE STEM, AND THE ROAD RIGHT OF WAY LINE AND NOT ONTO THE FLAG OR PIPE STEM DRIVEWAY.

4. SUBJECT PROPERTY ZONED "R" PER 10/3/77 COMPREHENSIVE ZONING PLAN.

PROPERTY OF GEORGE J. GARRETT 407/451

PROPERTY OF CHARLES J. KARFORTA 950/443

PROPERTY OF JAMES KELLY GARRETT 1097/71C

PROPERTY OF CHARLES J. KARFORTA 950/443

PROPERTY OF JAMES KELLY GARRETT 1097/71C

OWNER'S CERTIFICATE

WE, JAMES KELLY GARRETT AND LYNDIA JEAN GARRETT, THE OWNERS OF THE PROPERTY SHOWN AND DESCRIBED HEREON, HEREBY ADOPT THIS PLAN OF SUBDIVISION AND CONSIDER IT THE FINAL PLAT BY THE OFFICE OF PLANNING AND ZONING, ESTABLISH THE MINIMUM BUILDING RESTRICTION LINES AND GRANT DRAINAGE, WATER PIPES AND OTHER MUNICIPAL UTILITIES AND SERVICES, IN AN UNDER ALL ROADS AND STREET RIGHT-OF-WAYS, AND OPEN SPACE, AND FLOODPLAIN AND OPEN SPACE, WHERE APPROPRIATE, TO THE PUBLIC USE OF THE LOTS AND PART OF THE LAND CONVEYED BY DEED DATED FEBRUARY 15, 1980 AND RECORDED IN THE THAT MARYLAND RECORDS IN PLATE AS SHOWN IN ACCORDANCE WITH THE ANNOTATED CODE OF MARYLAND.

OWNER'S CERTIFICATE

I HEREBY CERTIFY THAT THE FINAL PLAT SHOWN HEREON IS CORRECT; THAT IT IS A SUBDIVISION OF ALL THE LAND SHOWN AND DESCRIBED HEREON, HEREBY ADOPT THIS PLAN OF SUBDIVISION AND CONSIDER IT THE FINAL PLAT BY THE OFFICE OF PLANNING AND ZONING, ESTABLISH THE MINIMUM BUILDING RESTRICTION LINES AND GRANT DRAINAGE, WATER PIPES AND OTHER MUNICIPAL UTILITIES AND SERVICES, IN AN UNDER ALL ROADS AND STREET RIGHT-OF-WAYS, AND OPEN SPACE, AND FLOODPLAIN AND OPEN SPACE, WHERE APPROPRIATE, TO THE PUBLIC USE OF THE LOTS AND PART OF THE LAND CONVEYED BY DEED DATED FEBRUARY 15, 1980 AND RECORDED IN THE THAT MARYLAND RECORDS IN PLATE AS SHOWN IN ACCORDANCE WITH THE ANNOTATED CODE OF MARYLAND.

NOTE: COORDINATES SHOWN HEREON ARE BASED ON AN ASSIGNED DATUM.

POINT	NORTH	EAST	POINT	NORTH	EAST
1	10,598.54	7,358.53	17	10,195.77	8,185.94
2	10,598.54	7,358.53	18	10,308.36	7,737.51
3	10,598.54	7,358.53	19	10,308.36	7,737.51
4	11,641.38	7,415.38	20	10,308.36	7,737.51
5	11,672.89	7,388.94	21	10,423.09	8,312.59
6	11,672.89	7,388.94	22	10,600.90	8,058.65
7	11,672.89	7,388.94	23	10,600.90	8,058.65
8	11,672.89	7,388.94	24	10,600.90	8,058.65
9	11,672.89	7,388.94	25	11,048.24	7,737.51
10	11,048.24	7,737.51	26	11,048.24	7,737.51
11	10,420.35	8,534.43	27	11,048.24	7,737.51
12	10,358.51	8,491.42	28	11,048.24	7,737.51
13	10,358.51	8,491.42	29	11,048.24	7,737.51
14	10,358.51	8,491.42	30	10,821.26	7,839.44
15	10,358.51	8,491.42	31	10,821.26	7,839.44
16	10,358.51	8,491.42	32	10,821.26	7,839.44
17	10,195.77	8,185.94	33	10,195.77	8,185.94
18	10,195.77	8,185.94	34	10,195.77	8,185.94

CONVERSION TABLE

NEW LOT NO.	OLD LOT NO.
1	11
2	12
3	10
4	9
5	13
6	14
7	15
8	29
9	10
10	28

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT

COUNTY HEALTH OFFICER: _____ DATE: _____

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING: _____ DATE: _____

DIRECTOR: STORM DRAINAGE SYSTEMS, AND PUBLIC WORKS: _____ DATE: _____

DIRECTOR: _____ DATE: _____

SECTION ONE
SUNSET VALLEY
LOTS 1-10

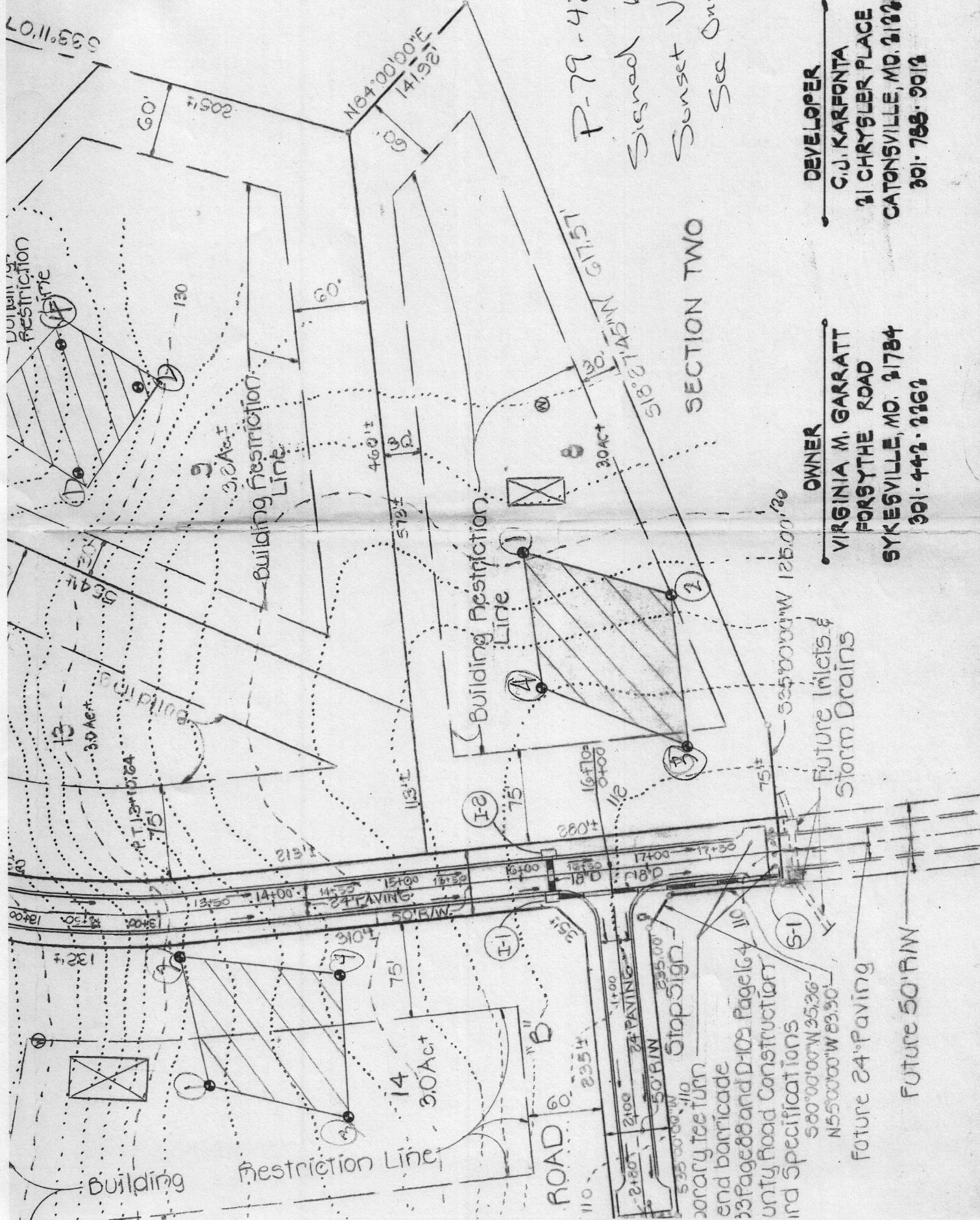
PARCELS 172, 173, 174 & P/O 36
TAX MAP #9
SCALE 1"=100'

NOVEMBER 29, 1979

DEVELOPER: CHARLES J. KARFORTA, 21 CHRYSLER PLACE, CATONSVILLE, MARYLAND 21228

OWNER: CHARLES J. KARFORTA, JAMES AND LYNDIA GARRETT, 21 CHRYSLER PLACE, CATONSVILLE, MARYLAND 21228

FISHER, COLLINS AND CARTER, INC., CONSULTING ENGINEERS & LAND SURVEYORS, 8386 COURT AVENUE, BILLOTT CITY, MARYLAND 21043



P-79-42
 Signed 6/1/1979
 Sunset Valley
 See One

SECTION TWO

DEVELOPER

C.J. KARFONTA
 21 CHRYSLER PLACE
 CATONSVILLE, MD. 21025
 301-788-9012

OWNER

VIRGINIA M. GARRATT
 FORSYTHE ROAD
 SYKESVILLE, MD. 21784
 301-442-2162

Future Inlets &
 Storm Drains

Future 50' R/W

Temporary Turn
 end barricade
 33 Page 88 and D-109 Page 164
 unity flood construction
 and specifications
 500'00"00" W 35.36'
 N 55'00"00" W 23.90'

ROAD 6
 110' 23.54'

50' R/W
 24' PAVING
 11.00'

Stop Sign

235.00'

110'

50' R/W

24' PAVING

11.00'

235.00'

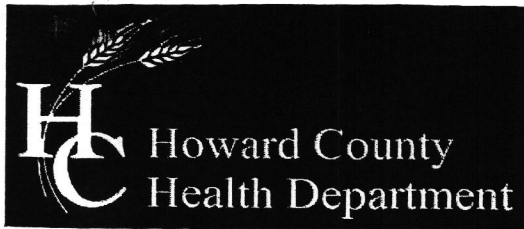
110'

50' R/W

24' PAVING

11.00'

235.00'



Bureau of Environmental Health

8930 Stanford Boulevard, Columbia, MD 21045

Main: 410-313-2640 | Fax: 410-313-2648

TDD 410-313-2323 | Toll Free 1-866-313-6300

www.hchealth.org

Facebook: www.facebook.com/hocohealth

Twitter: HowardCoHealthDep

Maura J. Rossman, M.D., Health Officer

SEWAGE DISPOSAL SYSTEM SPECIFICATIONS WORKSHEET

Address: 955 Sunset Valley Drive

Subdivision: Sunset Valley Lot: 6

Table with 4 columns: System, Application rate, Effective area beginning depth, Bottom maximum depth. Rows include Initial system, 1st Replacement, and 2nd Replacement.

Design Flow = 150 gallons per day per bedroom

Design flow ÷ application rate = square footage of drainfield required

Linear length of trench required = drainfield square footage x sidewall reduction percentage ÷ trench width

Sidewall reduction credit formula:

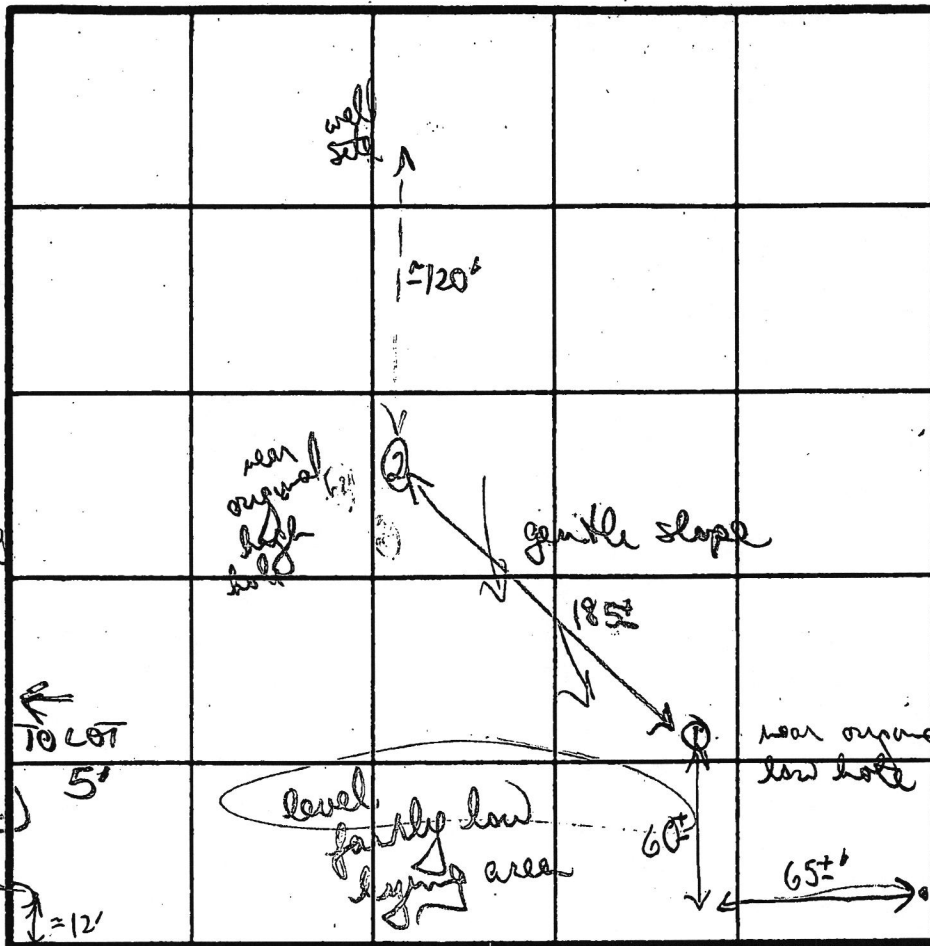
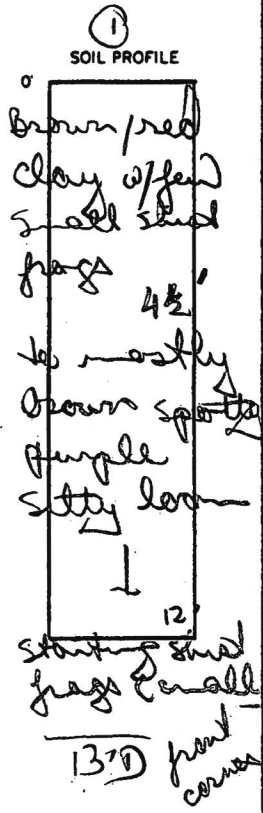
(W + 2) / (W + 1 + 2D) x 100 = Percent of length of standard trench where W=trench width and D= depth between effective area beginning depth and trench bottom.

Standard design requirements:

- List of 8 standard design requirements for trenches, including spacing, depth, and cover.

Additional requirements:

Approved: [Signature] Date: 2/21/2025



TO SET 4 1/2
MAX D 8 1/2
18 1/2 % / 100

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.
SUNSET VALLEY DRIVE

②

purple/brown clay/silt loam 4' to purple to purple powdery silty loam w/ small shell frags
13' D

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
3/21/88	1)	VISUAL ONLY	good soils	4' down				
		13' D	bottom (see profile)					
	2)	VISUAL ONLY	good soils	4' down				
		13' D	bottom (see profile)					

REMARKS: soils are fine no sign of mottled or wet soils in lower hole as originally anticipated

TYPE OF SOIL: clay/clay silt loams 4'; mostly silty loam below

TESTED BY: B. W. Dixon

ALSO PRESENT: Jenkins Brothers, Mr. Bennett

SUN VALLEY DRIVE
50' R/W

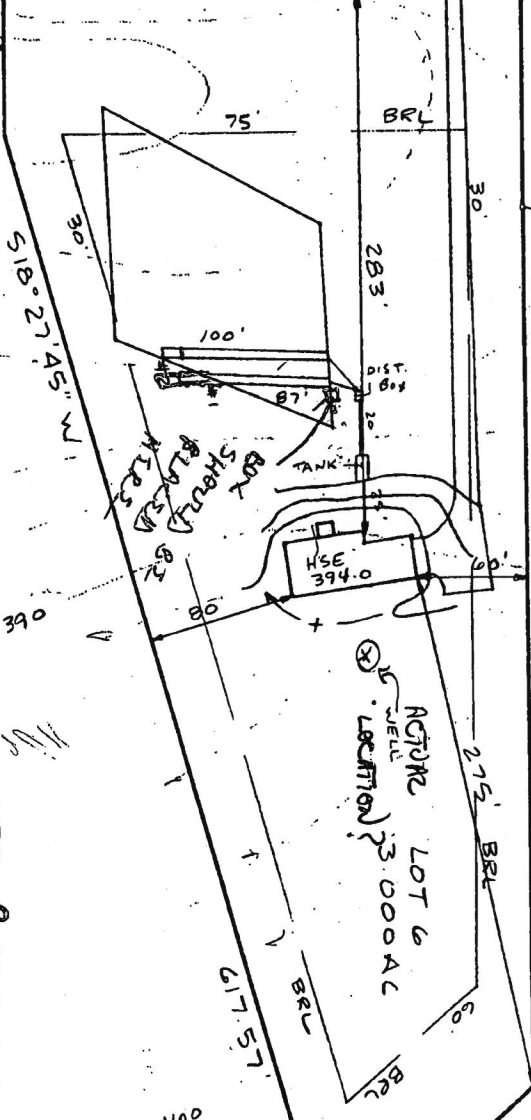
555°00'00" E 280.00'

535°00'00" W
113.48'

534°38'24" W

460.44'

584°00'00" W
141.91'



NOTE- Fence septic tank at
High Point of Rear Field
to Avoid more 17" below grade.

HOUSE:

FIRST FLOOR	394.0
BASEMENT	385.0
INVERT	380.68
SEPTIC TANK:	
EXISTING GRADE	387.1
PROPOSED GRADE	387.5
INVERT IN	380.16
INVERT OUT	379.91

DISTRIBUTION BOX:

EXISTING GRADE	384.2
PROPOSED GRADE	384.2
INVERT IN	379.7
INVERT OUT	379.6

TRENCHES:

#	1	2
EXISTING	384.0	383.6
INVERT	379.5	379.1
BOTTOM	375.5	374.1
STONE	4.0	4.0
LENGTH	87.0	100.0
WIDTH	2.0	2.0

BLDG. PERMIT SIGNED
AND RETURNED 4-21-88

88 17474
SKL

PLOT PLAN
LOT 6
SUNSET VALLEY
DATE 28MARCH88
SCALE 1"=100'

187 linear ft travel
required

BOTTOM OF STONE LAYER
NOT BOTTOM OF TRENCH
(TOTAL 82' BELOW GRADE GRANT
AT THAT SPOT)

WHY 42'
BASEMENT
FOOTING & 5' FLOOR?
"ALL UPON
MANHOLE
TO GRADE"

CAN MAKE TRENCHES
(29' 8" DEPTH) EVEN THROUGH #1 WOULD EXTEND OUT OF PERM.

Real Property Data Search ()
 Search Result for HOWARD COUNTY

[View Map](#) [View GroundRent Redemption](#) [View GroundRent Registration](#)

Special Tax Recapture: None

Account Number: District - 03 Account Identifier - 307905

Owner Information

Owner Name: BRUNONE DAVID W Use: RESIDENTIAL
 BRUNONE ELIZABETH A Principal Residence: YES
 Mailing Address: 955 SUNSET VALLEY DR Deed Reference: /19533/ 00129
 SYKESVILLE MD 21784-5832

Location & Structure Information

Premises Address: 955 SUNSET VALLEY DR Legal Description: LOT 6 3.000A S 1
 SYKSEVILLE 21784-0000 955 SUNSET VALLEY DR
 SUNSET VALLEY

Map: Grid: Parcel: Neighborhood: Subdivision: Section: Block: Lot: Assessment Year: Plat No:
 0009 0003 0315 3010103.14 0001 6 2025 Plat Ref:

Town: None

Primary Structure Built Above Grade Living Area Finished Basement Area Property Land Area County Use
 1988 2,464 SF 550 SF 3.0000 AC

StoriesBasementType ExteriorQualityFull/Half BathGarage Last Notice of Major Improvements
 2 YES STANDARD UNITFRAME/5 3 full/ 1 half 1 Attached

Value Information

	Base Value	Value		
		As of 01/01/2025	As of 07/01/2024	As of 07/01/2025
Land:	241,200	291,200		
Improvements	328,900	444,500		
Total:	570,100	735,700	570,100	625,300
Preferential Land:	0	0		

Transfer Information

Seller: BRUNONE DAVID W Date: 07/15/2020 Price: \$0
 Type: NON-ARMS LENGTH OTHER Deed1: /19533/ 00129 Deed2:
 Seller: BACKUS WENDELL W Date: 01/29/2015 Price: \$550,000
 Type: ARMS LENGTH IMPROVED Deed1: /15995/ 00256 Deed2:
 Seller: BENNETT INC ROBERT L Date: 05/05/1989 Price: \$289,900
 Type: ARMS LENGTH IMPROVED Deed1: /01993/ 00189 Deed2:

Exemption Information

Partial Exempt Assessments: Class 07/01/2024 07/01/2025
 County: 000 0.00
 State: 000 0.00
 Municipal: 000 0.00|0.00 0.00|0.00

Special Tax Recapture: None

Homestead Application Information

Homestead Application Status: Approved 04/20/2015

Homeowners' Tax Credit Application Information

Homeowners' Tax Credit Application Status: No Application Date:

8-2-88
1:30-2:00 PM

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

P 42/62

A 29156

DISTRICT 3rd

DATE 7/2/88

DATE SYSTEM APPROVED 8/2/88

INSPECTOR C. Williams

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

INDEXED

03-307905

Paul Schissler/ South Carroll Backhoe, Inc. IS PERMITTED TO INSTALL ALTER

ADDRESS 4410 Salem Bottom Road, Westminster, Maryland PHONE 875-4197

SUBDIVISION Sunset Valley I ROAD 955 Sunset Valley Drive LOT 6, Sec. 1

PROPERTY OWNER Robert Bennett

ADDRESS _____

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

GARBAGE GRINDER? YES NO

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 187 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 4 1/2 feet below original grade. Bottom maximum depth 8 1/2 feet below original grade. Effective area begins at 4 1/2 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Start the trench 230 feet from the front lot line and 100 feet from the left lot line as seen when facing the lot from Sunset Valley Drive. Run trenches on contour towards the right (617.57') lot line. NOTE: PLACE SEPTIC TANK AT HIGH POINT OF PERC FIELD TO AVOID PLACING TANK 17' IN THE GROUND.

NOTE - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. ok/cw

PLANS APPROVED BY C. Williams DATE 2/10/86

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.

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 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.

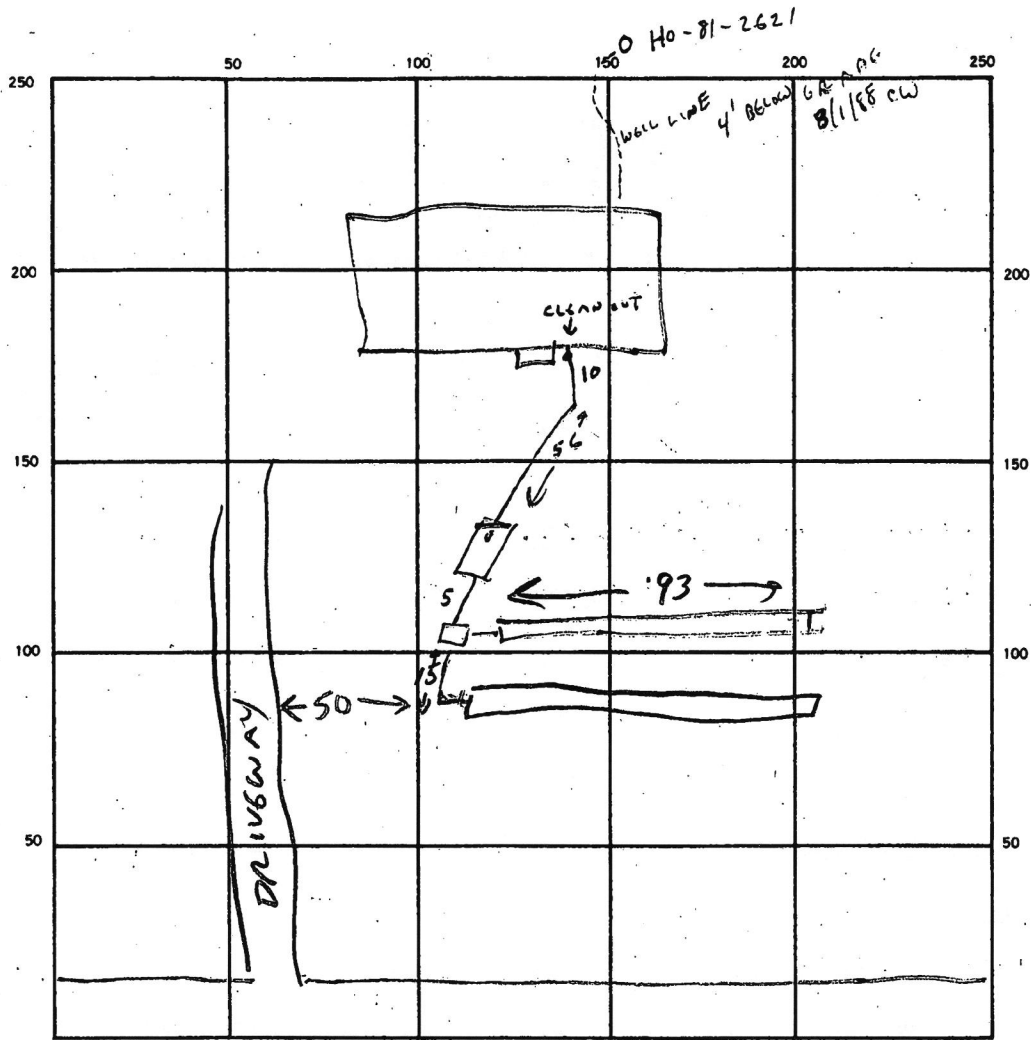
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES.

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

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1186

A-29156



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.
SUNSET VALLEY DR.

SEPTIC TANK. LEVEL ✓ CLEANOUTS 57° INCLINED

DISTRIBUTION BOX. LEVEL ✓

DRAIN FIELD/TILE FIELD. DEPTH 8 1/2 FT. TRENCH WIDTH 2 FT. INLET DEPTH 4 1/2 FT.

EFFECTIVE GRAVEL DEPTH 4 FT. TOTAL LENGTH 186 FT.

NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA _____ SQ. FT.

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

ABSORBENT AREA _____ SQ. FT.

REMARKS OK TO FINISH 1ST TRENCH 8/1/88 CW

2ND TRENCH OK - COMPLETE & COVER 8/2/88 CW

DATE SYSTEM APPROVED 8/2/88 INSPECTOR C. Williams

SUBDIVISION: SUNSET VALLEY I

LOT NUMBER: 6

DRY WELL OR DRY WELL AND TRENCH

		_____ sq. ft./bedroom
	<u>Septic Tank</u>	<u>Minimum Total square Feet</u>
3 bedroom	1000 gallon	_____
4 bedroom	1250 gallon	_____
5 bedroom	1500 gallon	_____

Inlet _____ feet below original grade.
 Bottom maximum depth _____ feet below original grade.
 Effective area begins at _____ feet below original grade.

NOTE: If trench is used to make up absorbent area, run the trench on level ground and leave a 5 foot earth buffer between dry well and trench. No trench is to exceed 100 feet in length. Trench inlet to be same as dry well, with _____ feet of stone below distribution pipe.

TRENCHES

187 sq. ft./bedroom

Trench to be 2 wide.
 Inlet 4 1/2 feet below original grade.
 Bottom maximum depth 8 1/2 feet below original grade.
 Effective area begins at 4 1/2 feet below original grade.
4 feet of stone below distribution pipe.

- NOTE:
- (1) No trench to exceed 100 feet in length.
 - (2) If more than one trench used, a distribution box is required.
 - (3) Trenches to be installed on level ground.
 - (4) Call for inspection of trench before gravel is installed.
 - (5) Provide 6"-8" diameter cleanout and cap to grade or above on septic tank and drywell.
 - (6) If a Garbage disposal is used, increase septic tank capacity by 50% and increase absorbant sidewall area by 22%.

LOCATION: START THE TRENCH 23.0 FT FROM THE FRONT LOT LINE AND 100 FT FROM THE LEFT LOT LINE AS SEEN WHEN FACING THE LOT FROM SUNSET VALLEY DRIVE.

ROW) TRENCHES TO BE ON CONTOUR TOWARDS THE RIGHT (617.57') LOT LINE. NOTE PLACE SEPTIC TANK AT HIGH POINT OF PORC FIELD TO AVOID PLACING TANK 17" IN (2/10/86 CWJ) THE GROUND. B.P. OK TO (3/21/88) Release AS DRAWN. SALL

Pre

APPLICATION

A 29156

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

*RE-TEST NEEDED
SEPTIC TANK POTENTIALLY WBT
3/8/88 CW.*

DISTRICT: 3RD

DATE 10/12/78

RETEST SCHEDULED FOR 3/21

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~~ Robert Bennett

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

PROPERTY LOCATION:

SUBDIVISION SUNSET VALLEY LOT NO. 8 near 6

ROAD AND DESCRIPTION 955 SUNSET VALLEY DRIVE Ser 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. Burt

APPROVED BY Raymond Hodge FOR French on DATE 3/10/83

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

BLDG. PERMIT SIGNED
AND RETURNED 4-21-88

BP-17474
SK

THIS IS NOT A PERMIT

C1 7725

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 29156

DATE Received

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

8 13

15 20 03 25 88

22 26 105

28 31 32 33 34 35 36 37 HC-81-2621

OWNER BENNETT ROBERT STREET OR RFD SUNSET VALLEY DRIVE TOWN SYKESVILLE SUBDIVISION SUNSET VALLEY EST. SECTION 1 LOT 6

WELL LOG Not required for driven wells

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

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

TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY (BC)

DESCRIPTION (Use additional sheets if needed) FEET FROM TO Check if water bearing

NO. OF BAGS 9 NO. OF POUNDS 900 GALLONS OF WATER 54 DEPTH OF GROUT SEAL (to nearest foot)

Table with 3 columns: Description, Feet From, Feet To. Rows include Top Soil, Sandy Sandstone, Micka Sandstone, Micka Sandstone, Micka Sandstone.

from 0 ft. to 31 ft. (enter 0 if from surface)

CASING RECORD casing types insert appropriate code below (ST, CO, PL, OT)

MAIN CASING TYPE Nominal diameter top (nearest inch) Total depth of main casing (nearest foot)

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

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

Table with 3 columns: Depth (nearest ft.), 8-9, 11-15, 17-21. Rows include 10, 31, 105.

CIRCLE APPROPRIATE LETTER A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED

SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH)

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 10.17.13 "WELL CONSTRUCTION"

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

DRILLERS IDENT. NO. 233 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

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

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

TELESCOPE CASING LOG INDICATOR OTHER DATA

C 3 1 2

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 2

WHEN PUMPING 3

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 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)

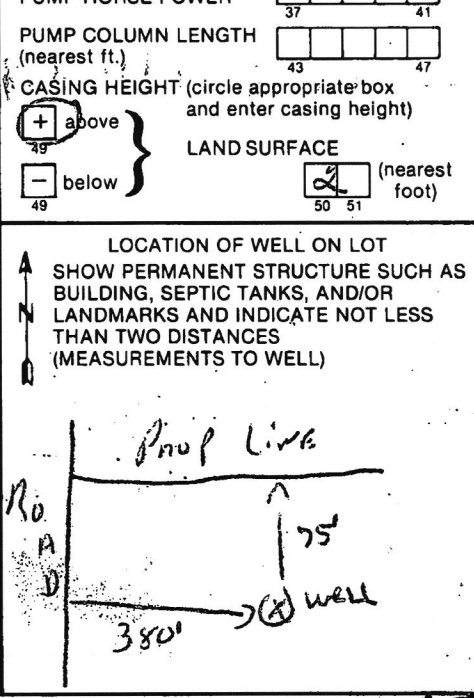
PUMP HORSE POWER

PUMP COLUMN LENGTH (nearest ft.)

CASING HEIGHT (circle appropriate box and enter casing height)

LAND SURFACE (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)



29156

HOWARD COUNTY HEALTH DEPARTMENT
Bureau of Environmental Health
3525-H Ellicott Mills Drive
Ellicott City, MD 21043
461-9933

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation
Replacement

Receipt # 42677
Date 10/3/88

Name of Installer CLARKE P+H Inc

Telephone 489-4029

License Number 3808

Certified Well Pump Installer _____ Well Driller _____ Registered Plumber 3808

Name of Property Owner Robert Bennett

Telephone 447-1270

Subdivision Sunset Valley Lot # 6

Well Tag # _____

Site Address 955 Sunset Valley Dr

- Pump
- Type
 - Deep well jet _____
 - Shallow well jet _____
 - Submersible
 - Make Grundfos
 - Model # _____
 - Capacity _____ GPM
 - Pump exceeds well capacity Yes _____ No
 - If Yes, is low pressure cutoff switch installed? Yes _____ No _____
 - What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors _____ Cable guards Other _____

- Motor
- Horsepower 1/2
 - RPM _____
 - Voltage _____
 - 110 _____
 - 220

- Pitless Adapter
- Make _____
 - Model # _____
 - Depth _____

- Tank
- Capacity V-100-669A1
 - Pressure relief valve? 25 lb

- Piping
- Type PLASTIC
 - Size 1"
 - NSF and/or BOCA Code approved _____
 - Depth of supply line 42"

- Well data
- Depth 120 ft.
 - Yield _____ GPM
 - Static water level _____ ft.
 - Will water supply be disinfected by installer? NO Builder's

I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

All information given above is true to the best of my knowledge.

Signature of Applicant: Benjamin C. Clarke

Date: 9-22-88

Note: A sticker indicating approval/status of the installation will be placed on the well casing at the time of the inspection.

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 81-2621
 Location of property (road) SUNSET VALLEY
 Subdivision SUNSET VALLEY ESTATES Lot 6 Block Plat Sec. 1
 Well Driller RALPH MAYNE Owner BENNETT, ROBERT

Depth of well 105'
 Distance of measuring point (M.P.) above ground 2'
 Static water level (S.W.L.) below M.P. 32'

I. High rate pumping -- reservoir drawdown

Time pump started 8:00 Pumping rate 10 GPM
 Total time 15 min to reach pumping water level 34 ft. below M.P.

II. Recovery pump test data - observations to be recorded every 15 minutes

TIME (in 15 minute intervals)	WATER LEVEL below M.P.	PUMPING RATE time to fill F gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
8:15	34 A	6 Sec		10 GPM
8:30	34 A	6 Sec		10 GPM
8:45	34 A	6 Sec		10 GPM
9:00	34 A	6 Sec		10 GPM
9:15	34 A	6 Sec		10 GPM
9:30	34 A	6 Sec		10 GPM
9:45	34 A	6 Sec		10 GPM
10:00	34 A	6 Sec		10 GPM
10:15	34 A	6 Sec		10 GPM
10:30	34 A	6 Sec		10 GPM
10:45	34 A	6 Sec		10 GPM
11:00	34 A	6 Sec		10 GPM
11:15	34 A	6 Sec		10 GPM

B 1 **4929** SEQUENCE NO. (DP USE ONLY)
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND
 PERMIT TO DRILL WELL
 please print or type

STATE PERMIT NUMBER
HO-81-2621
 fill in this form completely

Date Received (APA) **022488**
 OWNER INFORMATION
BENNETT ROBERT
 890 RIVER RD
 SYKESVILLE MD 21784

B 3 LOCATION OF WELL
 HOWARD COUNTY
 SUNSET VALLEY
 SECTION **E 1** LOT **6**
 SYKESVILLE
 MILES FROM TOWN (enter 0 if in town) **2** MI

DRILLER INFORMATION
RALPH MAYNE 273 License No. 80
 RALPH MAYNE WELL DRILLING
 9120 Brown Church Rd. Mt Airy
 Ralph Mayne 2/16/88

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)
 TOWN
 (S, W, SW, SE, E, NE, N, NW) - **S** is circled
 NEAR WHAT ROAD **Sunset Valley Dr.**
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
 WEST EAST SOUTH NORTH
 DISTANCE FROM ROAD **380** FT

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)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
 COUNTY NAME **HOWARD** COUNTY NO. **A29156**
 STATE SIGNATURE _____ INSERT S _____
 DATE ISSUED **032788** SIGNATURE **John** EXPIRES **09/2/88**
 NORTH GRID **550000** EAST GRID **0805000**

APPROXIMATE DEPTH OF WELL **150** FEET

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
 E **800 5**
 N **550 0**
 DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION
 3/25/88 9 AM
 ? NO INSP.
 350' @ well

APPROXIMATE DIAMETER OF WELL **6"** NEAREST 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) _____

Not to be filled in by driller (OEP USE ONLY)
 APPROP. PERMIT NUMBER _____ GAP _____
 FORCE **RA** INITIALS PERMIT NO. **HO-81-2621**

955 SUNSET VALLEY DR

Detailed Search

Add Layer

Howard County Base Map

BASE MAP LAYERS

HEALTH SPECIAL LAYERS

UTILITY LAYERS

GEOGRAPHY

PLANNING

ADDED LAYERS



• well (online records)
SDA (online records)