

11/86  
10-11-83

# PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH\*

HOWARD COUNTY

BUREAU OF ENVIRONMENTAL HEALTH

992-2330  
XXXXXX

8-1-84  
approved  
S. Abel

P 37421  
A 33321

03-307883  
INDEXED

ELLICOTT CITY

DISTRICT 3rd

DATE 7/30/86

Kenneth Hatfield

IS PERMITTED TO INSTALL X ALTER       

ADDRESS        PHONE 465-4244

SUBDIVISION Sunset Valley ROAD 935 Sunset Valley Dr. LOT 4, Section 1

PROPERTY OWNER Gary S. Schaefer Clark Sperry, Jr

ADDRESS       

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

GARBAGE GRINDER? YES        NO X

SEPTIC TANK CAPACITY 1000 GALLONS NUMBER OF BEDROOMS 3

*ok to go in 4'*  
TRENCHES - 153 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 5 feet below original grade. Bottom maximum depth 10 feet below original grade. Effective area begins at 5 feet below original grade. 6 feet of stone below distribution pipe.

LOCATION - Start the first trench 115 feet from the front lot line that borders Lot 5, and 135 feet from the right lot line as seen when facing the property from Sunset Valley Drive. Run trench(s) along level ground toward front right side of property.

NOTE - No trench to exceed 100 feet in length. If more than one trench used, a distribution box is required. Call for inspection of trench(s) before and after gravel is installed. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank.  
*OK*

PLANS APPROVED BY C. Williams DATE 11/29/83

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.

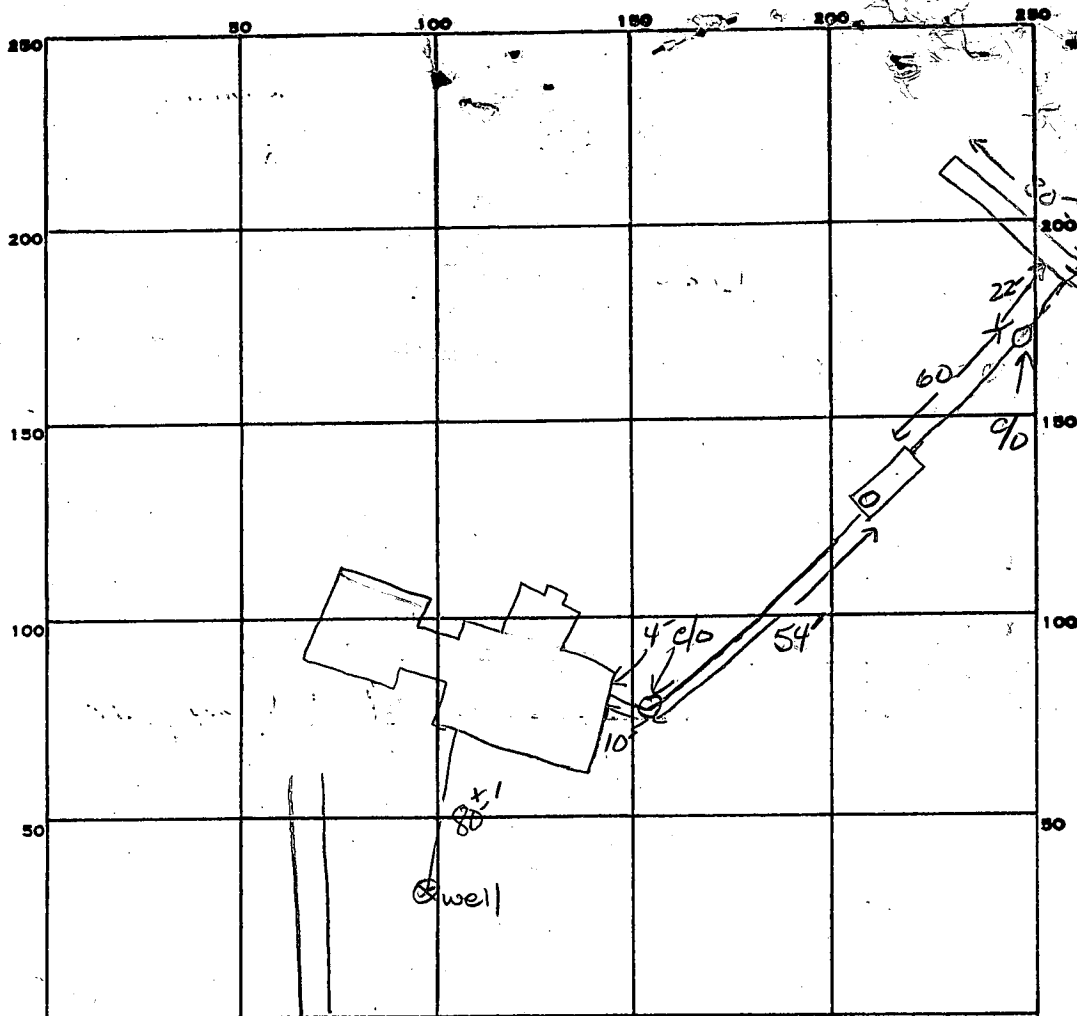
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA, OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

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

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

EH - 2-1082

A 33321



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

PERMIT CARD ☒

SEPTIC TANK, LEVEL ☒ 1000 GAL

CLEANOUTS ☒ 1 ST ; 2 INLINES

DISTRIBUTION BOX, LEVEL ☒ FEE

TILE FIELD, DEPTH 10 Ft FT. TRENCH WIDTH 2 FT. INLET 4'

GRAVEL DEPTH 6 Ft IN TOTAL LENGTH 80 FT.

NUMBER OF TRENCHES 1 ONE SIDE WALL TOTAL BOTTOM AREA 480  $\phi$

SEEPAGE PITS, INSIDE DIAMETER \_\_\_\_\_ FT. DEPTH BELOW INLET \_\_\_\_\_ FT.

ABSORBENT AREA 480 SQ. FT.

REMARKS 8-1-84 DIR TO STONE TRENCH. S. Abel NEED 2 C/D HOUSE -> TANK) TANK TO TRENCH. S. Abel

DATE SYSTEM APPROVED

8-1-84

INSPECTOR

S. Abel

SUBDIVISION:

SUNSET VALLEY I

LOT NUMBER:

4

DRY WELL OR DRY WELL AND TRENCH

	<u>Septic Tank</u>	<u>sq. ft./bedroom</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.

~~NO GARBAGE DISPOSAL~~TRENCHES

158

~~200~~

sq. ft./bedroom

No  
3 Bed.Trench to be 2 wide.Inlet 5 feet below original grade.Bottom maximum depth 10 feet below original grade.Effective area begins at 5 feet below original grade.5 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 FIRST TRENCH 115 FT FROM THE  
FRONT LOT LINE THAT BORDERS LOT 5, AND 135 FT FROM  
THE RIGHT LOT LINE AS SEEN WHEN FACING THE PROPERTY  
FROM SUNSET VALLEY DR. RUN TRENCH(S) ALONG LEVEL GROUND  
TOWARD FRONT RIGHT SIDE OF PROPERTY.

11-29-83 C.W. [Signature]

# APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES

P. O. BOX 476 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 992-2330

A 33321

P \_\_\_\_\_

DISTRICT

✓ 3<sup>RD</sup> DISTRICT

DATE

Nov. 21, 1983

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

GARY S. Schaefer

ADDRESS

✓ 108 MELVIN AVE, CATONSVILLE, MD.  
21228

PHONE

✓ 744-0953

PROPERTY LOCATION:

SUBDIVISION

Sunset Valley

LOT NO.

✓ #4 - Section 1

ROAD AND DESCRIPTION

Forsythe Rd.

SIZE OF LOT

✓ 3.643 AC

TYPE BLDG.

✓ house 4 BEDROOM  
(NUMBER OF BEDROOMS)

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.

Chun S. Gordon  
(SIGNATURE OF APPLICANT)

APPROVED BY

C. Willa

FOR

TRENCHES

DATE

11-29-83

REJECTED BY

FOR

DATE

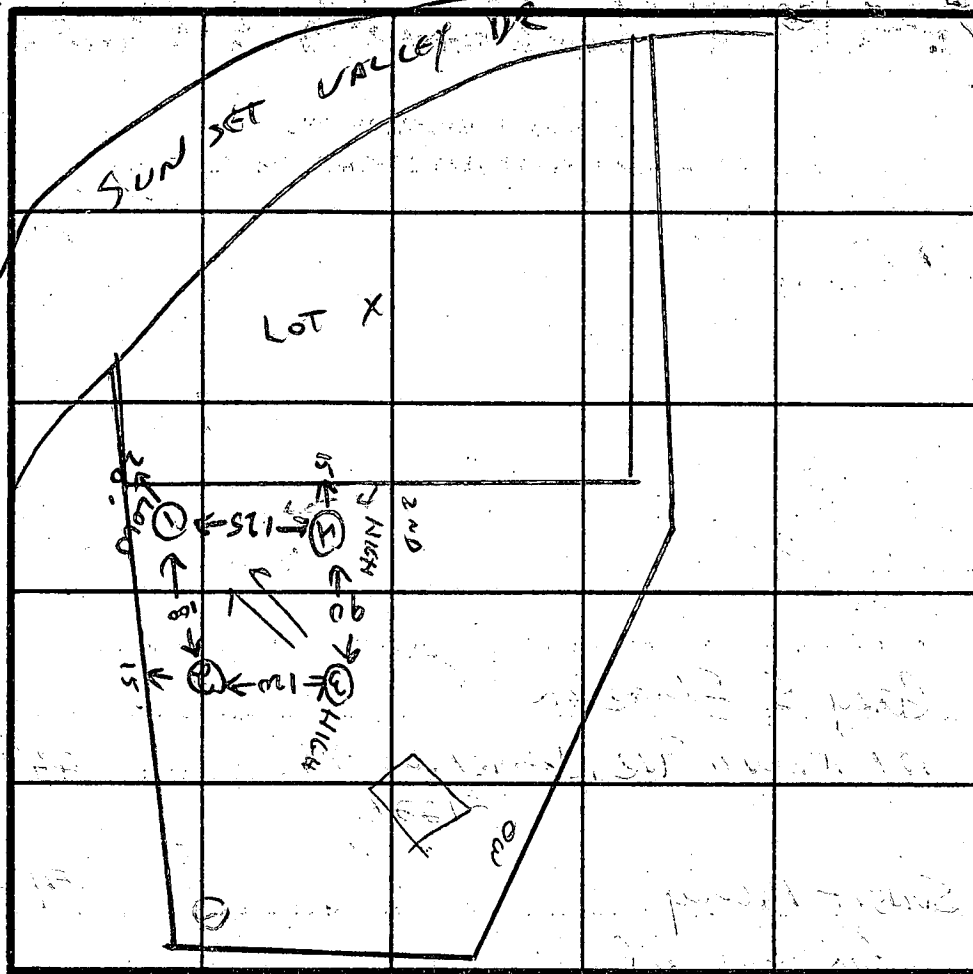
HOLD PENDING FURTHER TESTS

DATE

REASONS FOR REJECTION OR HOLDING

## THIS IS NOT A PERMIT

## SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11-29-83	1	5 10	10:32 VISUAL	10:34 SAND	10:34	10:36	2 MIN
		15	DRY SAND				
11-29-83	2	VISUAL	SAND SAME AS HOLE 1				
11-29-83	3	5 10	9:44 9:43	9:48 9:45	9:48 9:45	9:57 9:47	9 MIN 2 MIN
		12	SAND				
11-29-83	4	5 10	10:03 SAND	10:06	10:06	10:10	4 MIN
		14	SAND				

REMARKS WILL HAVE GARBAGE GRINDER

TYPE OF SOIL RED & YELLOW SAND BELOW 5' RED CLAY LOAM

TESTED BY CW. O'Hara ALSO PRESENT APPLICANT

# APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES

P. O. BOX 476 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 992-2330

A 33321

P \_\_\_\_\_

DISTRICT 3<sup>RD</sup> DISTRICT

DATE Nov 21, 1983

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 GARY S. Schaefer

ADDRESS 108 MCDONNELL AVE, CATONSVILLE, MD. PHONE 744-0953

21228

PROPERTY LOCATION:

SUBDIVISION Sunset Valley LOT NO. #4 - Section 1

ROAD AND DESCRIPTION Forsythe Rd 935 Sunset Valley Dr

SIZE OF LOT 3.043 AC TYPE BLDG. House 4 Bedroom  
(NUMBER OF BEDROOMS)

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 \_\_\_\_\_

BP # 70436

# THIS IS NOT A PERMIT

SOIL PROFILE

0'


INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	

REMARKS \_\_\_\_\_

TYPE OF SOIL \_\_\_\_\_

TESTED BY \_\_\_\_\_ ALSO PRESENT \_\_\_\_\_

EH-12-1079

A 29157

SUBDIVISION: SUNSET VALLEY

LOT NUMBER: 4 SECTION ONE

DRY WELL OR DRY WELL AND TRENCH154 sq. ft./bedroom

	<u>Septic Tank</u>
3 bedroom	1000 gallon
4 bedroom	1250 gallon
5 bedroom	1500 gallon

Minimum Total square FeetInlet 4 1/2 feet below original grade.Bottom maximum depth 10 feet below original grade.Effective area begins at 4 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 6 feet of stone below distribution pipe.

TRENCHESsq. ft./bedroom

Trench to be \_\_\_\_\_ wide.

Inlet \_\_\_\_\_ feet below original grade.

Bottom maximum depth \_\_\_\_\_ feet below original grade.

Effective area begins at \_\_\_\_\_ feet below original grade.

\_\_\_\_\_ 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%.

See 33321 for  
A Revised Spec

LOCATION: PLACE THE DRY WELL 160 FT FROM THE POINT  
WHERE THE 250 FT LONG LOT LINE & THE 553.76 FT  
LONG LOT LINE INTERSECT AND 80 FT FROM THE  
553.76 FT LONG LOT LINE. NOTE THE 553.76 FT  
LONG LOT LINE IS ON THE WESTERN PART OF  
THE LOT. 3/10/83 R12



# APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES

P.O. BOX 476 ELLICOTT, MARYLAND 21043  
TELEPHONE: 992-2330

A 29157

P \_\_\_\_\_

DISTRICT 3<sup>RD</sup>

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

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

PROPERTY LOCATION:

SUBDIVISION SUNSET VALLEY LOT NO. 9 new 4 sec. 1

ROAD AND DESCRIPTION SUNSET VALLEY DRIVE

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. Burton

APPROVED BY Raymond Hodges FOR Drywell DATE 3/10/83

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

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

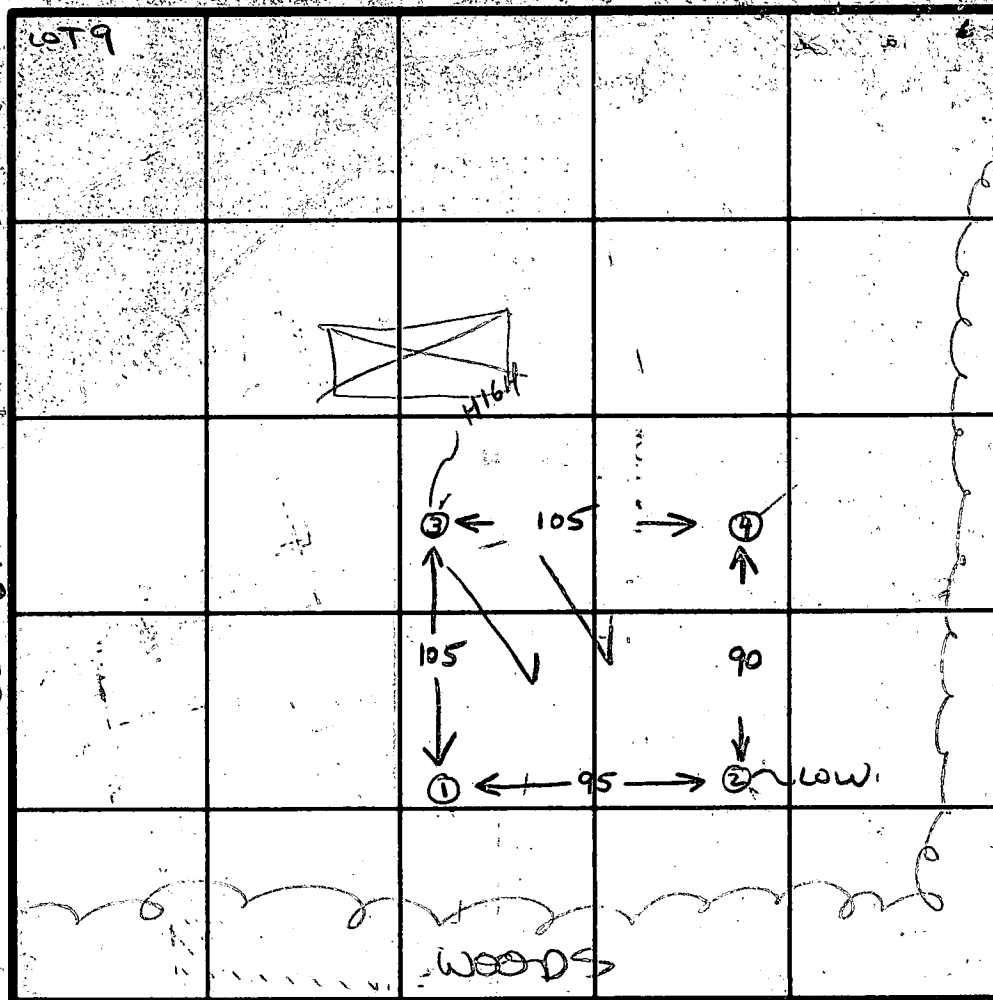
REASONS FOR REJECTION OR HOLDING 3/10/83 Specs Unmet

# THIS IS NOT A PERMIT

SOIL PROFILE



SUNSET VALLEY



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
10/19/78	15	5	332	335	335	338	3
	10	12 1/2	332	338	338	351	13
	25	5	332	336	336	358	22
	20	12	332	336	336	351	15
	35	5	335	340	340	348	8
	30	13	335	345	345	403	18
	45	5 1/2	338	343	343	350	7
	40	12	VISUAL - SANDY				
4/5/79	2	14'	DRY 3 SANDY - VISUAL				

REMARKS

open field - high weeds - tests as sketch

TYPE OF SOIL

SANDY loam below clay -

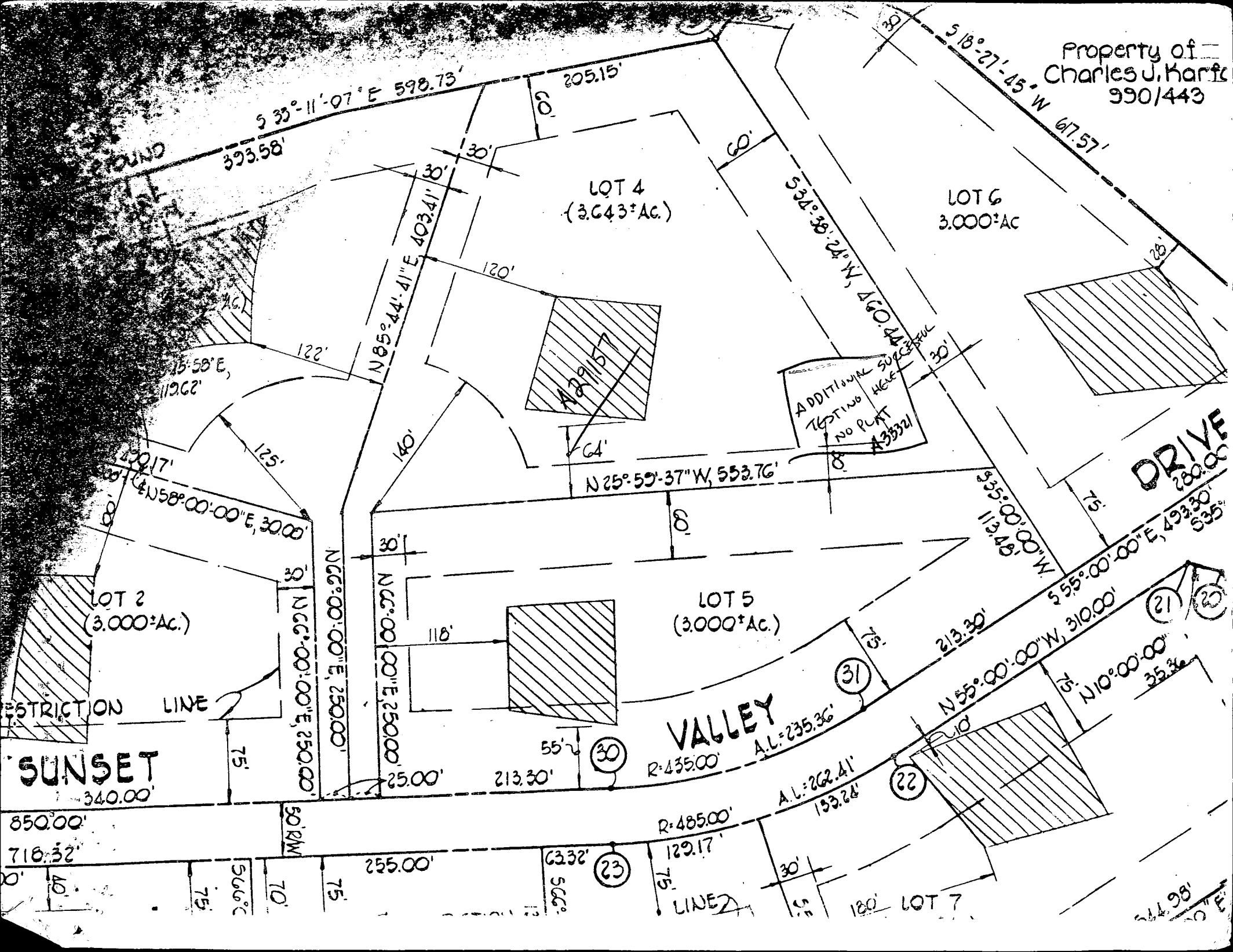
TESTED BY

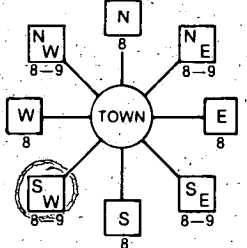
GLK - RD

ALSO PRESENT

11/18/83 spoke to  
Charles Godlove  
799-2962  
n. re test  
J.S.

Property of -  
Charles J. Karfc  
990/443

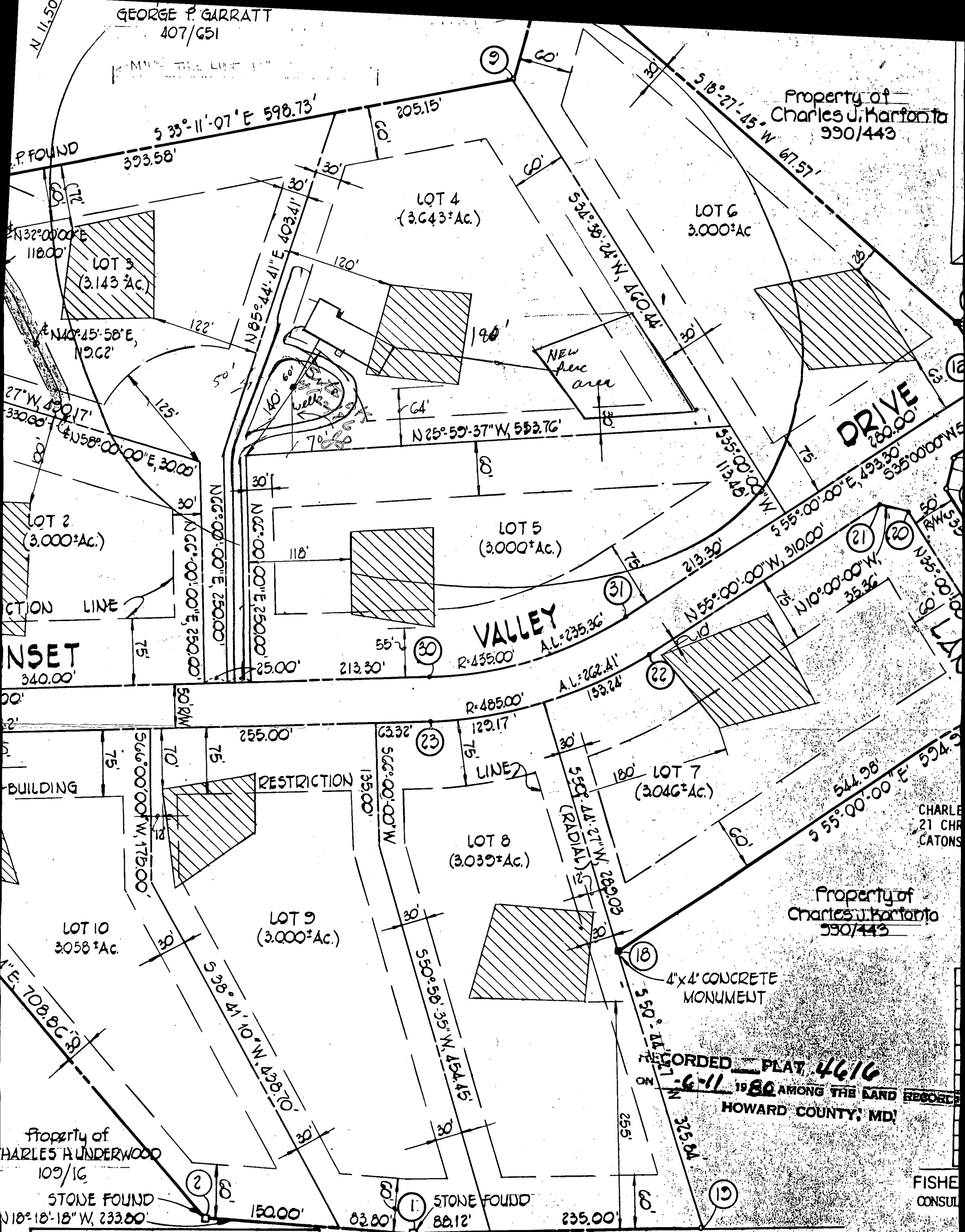


<b>B 1</b> 1 2 3 4 5 6 5714 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)	SEQUENCE NO. (OEP USE ONLY)	<b>STATE OF MARYLAND</b> <b>PERMIT TO DRILL WELL</b> please print or type	OEP PERMIT NUMBER 70 79 40-81-1435 fill in this form completely
<b>Date Received</b> 04/08/86 <b>OWNER INFORMATION</b> 8 13 SPERRY CLARK 15 Last Name Owner First Name 34 3567 COUNTRY SIDE DR 36 Street or RFD 55 GLENWOOD MD 21038 57 Town 70 State 72 Zip 76		<b>B 3</b> <b>LOCATION OF WELL</b> 1 2 HOWARD 8 COUNTY 21 SUNSET VALLEY 23 SUBDIVISION 42 SECTION 1 44 46 LOT 4 48 50 SYKESVILLE 52 NEAREST TOWN 71 MILES FROM TOWN (enter 0 if in town) 2 73 76 77 78 MI	
<b>DRILLER INFORMATION</b> Driller's Name: Ralph Mayne Firm Name: Ralph Mayne (well drilling) Address: 9120 Brown Church Rd. N.A. City Signature: Ralph Mayne Date: 4/9/86 77 License No. 80: 223		<b>B 4</b> <b>DIRECTION OF WELL FROM TOWN (CIRCLE BOX)</b>  <b>NEAR WHAT ROAD</b> 11 30 Sunset Valley Dr. <b>ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)</b> NORTH [ ] EAST [ ] WEST [ ] SOUTH [ ] 34 325 37 DISTANCE FROM ROAD ENTER FT or MI 38 39	
<b>B 2</b> <b>WELL INFORMATION</b> 1 2 APPROX. PUMPING RATE (GAL. PER MIN.) 5 8 12 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500 14 20		<b>USE FOR WATER (CIRCLE APPROPRIATE BOX)</b> <input checked="" type="checkbox"/> D HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY) <input type="checkbox"/> F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) <input type="checkbox"/> I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT) <input type="checkbox"/> P PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL) <input type="checkbox"/> T TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)	
APPROXIMATE DEPTH OF WELL 150 24 28 FEET APPROXIMATE DIAMETER OF WELL 6" NEAREST INCH		<b>NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL</b> HOWARD A33321 COUNTY NAME COUNTY NO. OEP STATE HEALTH SIGNATURE INSERT S 41 DATE ISSUED 042286 L. Stanger 10/22/86 43 48 (CO SIGNATURE) EXP. DATE NORTH GRID 550000 EAST GRID 0805000 50 55 57 63	
<b>METHOD OF DRILLING (circle one)</b> BORED (or Augered) JETTED Jetted & DRIVEN 30 AIR-ROTary AIR-PERCussion ROTARY (Hydraulic Rotary) 37 CABLE REVERSE-ROTary Drive-POINT other		<b>SHOW MAJOR FEATURES OF BOX &amp; LOCATE WELL WITH AN 'X'</b> SOURCES OF DRILLING WATER 1. well 2. Did not stay 3. for water WRITE THE BOX NUMBER FROM THE MAP HERE E 8005 N 550 000 000	
<b>REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)</b> <input checked="" type="checkbox"/> N THIS WELL WILL NOT REPLACE AN EXISTING WELL <input type="checkbox"/> Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED 39 <input type="checkbox"/> S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY <input type="checkbox"/> D THIS WELL WILL DEEPEN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 52		Location OK 6' casing 2' above 26 50' + open 17' - 1/2" 3/4" 1" 1 1/2" 2" 2 1/2" 3" 3 1/2" 4" 4 1/2" 5" 5 1/2" 6" 6 1/2" 7" 7 1/2" 8" 8 1/2" 9" 9 1/2" 10" 10 1/2" 11" 11 1/2" 12" 12 1/2" 13" 13 1/2" 14" 14 1/2" 15" 15 1/2" 16" 16 1/2" 17" 17 1/2" 18" 18 1/2" 19" 19 1/2" 20" 20 1/2" 21" 21 1/2" 22" 22 1/2" 23" 23 1/2" 24" 24 1/2" 25" 25 1/2" 26" 26 1/2" 27" 27 1/2" 28" 28 1/2" 29" 29 1/2" 30" 30 1/2" 31" 31 1/2" 32" 32 1/2" 33" 33 1/2" 34" 34 1/2" 35" 35 1/2" 36" 36 1/2" 37" 37 1/2" 38" 38 1/2" 39" 39 1/2" 40" 40 1/2" 41" 41 1/2" 42" 42 1/2" 43" 43 1/2" 44" 44 1/2" 45" 45 1/2" 46" 46 1/2" 47" 47 1/2" 48" 48 1/2" 49" 49 1/2" 50" 50 1/2" 51" 51 1/2" 52" 52 1/2" 53" 53 1/2" 54" 54 1/2" 55" 55 1/2" 56" 56 1/2" 57" 57 1/2" 58" 58 1/2" 59" 59 1/2" 60" 60 1/2" 61" 61 1/2" 62" 62 1/2" 63" 63 1/2" 64" 64 1/2" 65" 65 1/2" 66" 66 1/2" 67" 67 1/2" 68" 68 1/2" 69" 69 1/2" 70" 70 1/2" 71" 71 1/2" 72" 72 1/2" 73" 73 1/2" 74" 74 1/2" 75" 75 1/2" 76" 76 1/2" 77" 77 1/2" 78" 78 1/2" 79" 79 1/2" 80" 80 1/2" 81" 81 1/2" 82" 82 1/2" 83" 83 1/2" 84" 84 1/2" 85" 85 1/2" 86" 86 1/2" 87" 87 1/2" 88" 88 1/2" 89" 89 1/2" 90" 90 1/2" 91" 91 1/2" 92" 92 1/2" 93" 93 1/2" 94" 94 1/2" 95" 95 1/2" 96" 96 1/2" 97" 97 1/2" 98" 98 1/2" 99" 99 1/2" 100" 100 1/2" 101" 101 1/2" 102" 102 1/2" 103" 103 1/2" 104" 104 1/2" 105" 105 1/2" 106" 106 1/2" 107" 107 1/2" 108" 108 1/2" 109" 109 1/2" 110" 110 1/2" 111" 111 1/2" 112" 112 1/2" 113" 113 1/2" 114" 114 1/2" 115" 115 1/2" 116" 116 1/2" 117" 117 1/2" 118" 118 1/2" 119" 119 1/2" 120" 120 1/2" 121" 121 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B 1 1209 <small>(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)</small>	SEQUENCE NO. <small>(OEP USE ONLY)</small> STATE OF MARYLAND <b>PERMIT TO DRILL WELL</b> please print or type	OEP PERMIT NUMBER <b>40-81-0352</b> <small>fill in this form completely</small>
Received <b>11/16/83</b> <b>OWNER INFORMATION</b> 15 Last Name: <b>SCHAEFER</b> Owner: <b>HARRY</b> 36 Street or RFD: <b>108 MELVIN AVE</b> 57 Town: <b>CATONSVILLE</b> 70 State: <b>MD</b> 72 Zip: <b>21228</b>		B 3 <b>LOCATION OF WELL</b> 8 COUNTY: <b>HOWARD</b> 23 SUBDIVISION: <b>SUNSET VALLEY</b> SECTION: <b>ONE</b> LOT: <b>7</b> 52 NEAREST TOWN: <b>SYKESVILLE</b> MILES FROM TOWN (enter 0 if in town): <b>2</b> M <b>1</b>
<b>DRILLER INFORMATION</b> Driller's Name: <b>Ralph Mayne</b> 77 License No.: <b>203</b> Firm Name: <b>Ralph Mayne (well Drilling)</b> Address: <b>9120 Brown Church Rd, Mt. Airy</b> Signature: <i>Ralph Mayne</i> Date: <b>11/16/83</b>		B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX) 
B 2 <b>WELL INFORMATION</b> APPROX. PUMPING RATE (GAL. PER MIN.): <b>5</b> AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY): <b>500</b> <b>USE FOR WATER (CIRCLE APPROPRIATE BOX)</b> <input checked="" type="checkbox"/> HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY) <input type="checkbox"/> FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) <input type="checkbox"/> INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT) <input type="checkbox"/> PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL) <input type="checkbox"/> TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)		11 NEAR WHAT ROAD: <b>SUNSET VALLEY DR.</b> ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX): NORTH <input type="checkbox"/> WEST <input type="checkbox"/> EAST <input type="checkbox"/> SOUTH <input type="checkbox"/> 34 DISTANCE FROM ROAD: <b>550</b> ENTER FT or MI: <b>FT</b>
APPROXIMATE DEPTH OF WELL: <b>150</b> FEET APPROXIMATE DIAMETER OF WELL: <b>6</b> INCH <b>METHOD OF DRILLING (circle one)</b> <input checked="" type="checkbox"/> BORED (or Augered) <input type="checkbox"/> JETTED <input type="checkbox"/> Jetted & DRIVEN <input checked="" type="checkbox"/> AIR-ROTARY <input type="checkbox"/> AIR-PERCUSION <input type="checkbox"/> ROTARY (Hydraulic Rotary) <input type="checkbox"/> CABLE <input type="checkbox"/> REVERSE-ROTARY <input type="checkbox"/> DRIVE-POINT other: _____		NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL COUNTY NAME: <b>HOWARD</b> COUNTY NO.: <b>A33321</b> OEP SIGNATURE: _____    STATE HEALTH INSERT S: <input type="checkbox"/> DATE ISSUED: <b>11/29/83</b> CO SIGNATURE: <i>Frank Shinn</i> EXP. DATE: <b>5/29/84</b> NORTH GRID: <b>550 0 0 0</b> EAST GRID: <b>0805 0 0 0</b>
<b>REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)</b> <input checked="" type="checkbox"/> THIS WELL WILL NOT REPLACE AN EXISTING WELL <input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED <input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY <input type="checkbox"/> THIS WELL WILL DEEPEMED AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE): _____		SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X SOURCES OF DRILLING WATER 1. <b>well</b> 2. _____ 3. _____ WRITE THE BOX NUMBER FROM THE MAP HERE E <b>800 5</b> N <b>550 0</b> 000 000 X
Not to be filled in by driller (OEP USE ONLY) APPROP. PERMIT NUMBER: _____ FORCE <b>FS</b> WRITE INITIALS IN BOX    PERMIT No. <b>40-81-0352</b> SPECIAL CONDITIONS: _____		DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION 

GEORGE P. GARRATT  
407/651

Property of  
Charles J. Karfonta  
990/443



Property of  
CHARLES H. UNDERWOOD  
109/16

Property of  
Charles J. Karfonta  
990/443

CHARLES  
21 CHR  
CATONS

STONE FOUND  
N 18°-18'-18\" W, 233.80'

STONE FOUND  
88.12'

4\" x 4\" CONCRETE  
MONUMENT

#### OWNER'S CERTIFICATE

I, JAMES KELLEY GARRETT, HIS WIFE, AND CHARLES J. KARFONTA, OWNERS OF THE PROPERTY SHOWN ON THIS PLAN OF SUBDIVISION, AND IN CONSIDERATION OF THE APPROVAL OF THIS PLAN AND ZONING, ESTABLISH THE MINIMUM BUILDING RESTRICTION LINES AND GRANT TO THE LESSORS AND ASSIGNS, (1) THE RIGHT TO LAY, CONSTRUCT AND MAINTAIN SEWERS, WATER UTILITIES AND SERVICES, IN AN UNDER ALL ROADS AND STREET RIGHT-OF-WAYS HEREON; (2) THE RIGHT TO REQUIRE DEDICATION FOR PUBLIC USE THE BEDS OF THE ROADS AND OPEN SPACE WHERE APPLICABLE AND FOR GOOD AND OTHER VALUABLE CONSIDERATION TO HOWARD COUNTY TO ACQUIRE THE FEE SIMPLE TITLE TO THE BEDS OF THE ROADS, STORM DRAINAGE FACILITIES AND OPEN SPACE WHERE APPLICABLE; AND (3) THE RIGHT TO GRANT EASEMENTS AND DRAINAGE EASEMENTS FOR THE SPECIFIC PURPOSE OF THEIR CONSTRUCTION THAT NO BUILDING OR SIMILAR STRUCTURE OF ANY KIND SHALL BE ERRECTED ON OR IN THE ROADS. WITNESS OUR HANDS THIS 18<sup>th</sup> DAY OF MARCH 1980.

*Lynda Jean Garrett* *Charles J. Karfonta*

#### SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT THE FINAL PLAT SHOWN HEREON IS CORRECT; THAT IT IS A SUBDIVISION OF ALL THE LAND CONVEYED BY VIRGINIA M. GARRATT, WIDOW, TO JAMES KELLEY GARRETT AND LYNDIA JEAN GARRETT, HIS WIFE BY DEED DATED JANUARY 10, 1974 AND RECORDED IN THE LAND RECORDS OF HOWARD COUNTY IN LIBER No. 666, FOLIO 589 AND PART OF THE LAND CONVEYED BY VIRGINIA M. GARRATT, WIDOW, TO CHARLES J. KARFONTA BY DEED DATED FEBRUARY 15, 1980 AND RECORDED IN THE AFORESAID LAND RECORDS IN LIBER 990, FOLIO 443 AND THAT ALL MONUMENTS ARE IN PLACE AS SHOWN IN ACCORDANCE WITH THE ANNOTATED CODE OF MARYLAND.

*Terrell A. Fisher*  
TERRELL A. FISHER 10692

*March 18, 1980*  
DATE

C1 00493

SEQUENCE NO.  
(OEP USE ONLY)STATE OF MARYLAND  
WELL COMPLETION REPORT  
FILL IN THIS FORM COMPLETELY  
PLEASE PRINT OR TYPETHIS REPORT MUST BE SUBMITTED WITHIN  
45 DAYS AFTER WELL IS COMPLETED.COUNTY  
NUMBER A 33321

DATE Received

1	2	3	4	5	6
8					13

DATE WELL COMPLETED

050286

Depth of Well

22 140 26  
(TO NEAREST FOOT)PERMIT NO.  
FROM "PERMIT TO DRILL WELL"

H0-81-1435

OWNER CLARK SPERRY  
STREET OR RFD last name first name  
SUBDIVISION SUNSET VALLEY SECTION TOWN SYKESVILLE LOT 4

## WELL LOG

Not required for driven wells

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

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

Top Soil	0	2	
Sandy	2	50	
Sand Stone	50	55	✓
Micka	55	75	
Sand Stone	75	80	✓
Micka	80	140	

## GROUTING RECORD

WELL HAS BEEN GROUTED  
(Circle Appropriate Box)yes no  
Y N  
44 44

TYPE OF GROUTING MATERIAL

CEMENT CM BENTONITE CLAY BC

NO. OF BAGS 12 NO. OF POUNDS 1200

GALLONS OF WATER 102

DEPTH OF GROUT SEAL (to nearest foot)

from 0 ft. to 50 ft.  
(enter 0 if from surface)CASING RECORD  
casing types insert appropriate code below  
ST CO  
STEEL CONCRETE  
PL OT  
PLASTIC OTHERMAIN Nominal diameter Total depth  
CASING top (main) casing of main casing  
TYPE (nearest inch) (nearest foot)

PL 6 69

OTHER CASING (if used)  
diameter depth (feet)  
inch from toscreen type or open hole  
insert appropriate code below  
ST BR HO  
STEEL BRASS OPEN  
BRONZE HOLE  
PL OT  
PLASTIC OTHERC2  
DEPTH (nearest ft.)  
H0 67 140SLOT SIZE 1 2 3  
DIAMETER OF SCREEN (NEAREST INCH)GRAVEL PACK  
IF WELL DRILLED WAS  
FLOWING WELL INSERT  
F IN BOX 68OEP USE ONLY  
(NOT TO BE FILLED IN BY DRILLER)  
T (E.R.O.S.) WQ  
70 72 74 75 76  
TELESCOPE LOG OTHER DATA  
CASING INDICATOR

C 3

## PUMPING TEST

HOURS PUMPED (nearest hour) 3

PUMPING RATE (gal. per min. to nearest gal.) 9

METHOD USED TO MEASURE PUMPING RATE Bucket

WATER LEVEL (distance from land surface)  
BEFORE PUMPING 50

WHEN PUMPING 50

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)  
+ above  
- below  
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)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  
WELLI 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. 273  
DRILLERS SIGNATURE  
(MUST MATCH SIGNATURE ON APPLICATION)  
SITE SUPERVISOR (sign. of driller or journeyman  
responsible for sitework if different from permittee)

Well Permit No. HO - 81-1435

Location of property (road)

subdivision Sunset Pallon

Subdivision Sunset Valley Lot 4 Block      Plat      Sec.

Well Driller Ralph Maynard

Owner Sperry, Clark

Depth of well 140 ft

Distance of measuring point (M.P.) above ground 2 ft

Static water level (S.W.L.) below M.P. 50 ft

∴ High rate pumping -- reservoir drawdown

Time pump started 11:30

Pumping rate 9 L.P.M.

Total time 15.45 hr to reach pumping water level 50 ft below M.P.

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

[illegible]

69. ft 50. open 17 bags

~~40 1435~~



Review *H 9688*

FIELD DATA SHEET  
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 81-1435  
Location of property (road) Sunset Valley Road  
Subdivision Sunset Valley Lot 4 Block      Plat      Sec. 1  
Well Driller Ralph Mayne Owner Clair Spring

Depth of well 140

Distance of measuring point (M.P.) above ground 2

Static water level (S.W.L.) below M.P. 157

5. High rate pumping -- reservoir drawdown

Time pump started 11:45

Pumping rate 9

Total time 50 to reach pumping water level 50 ft. below M.P.

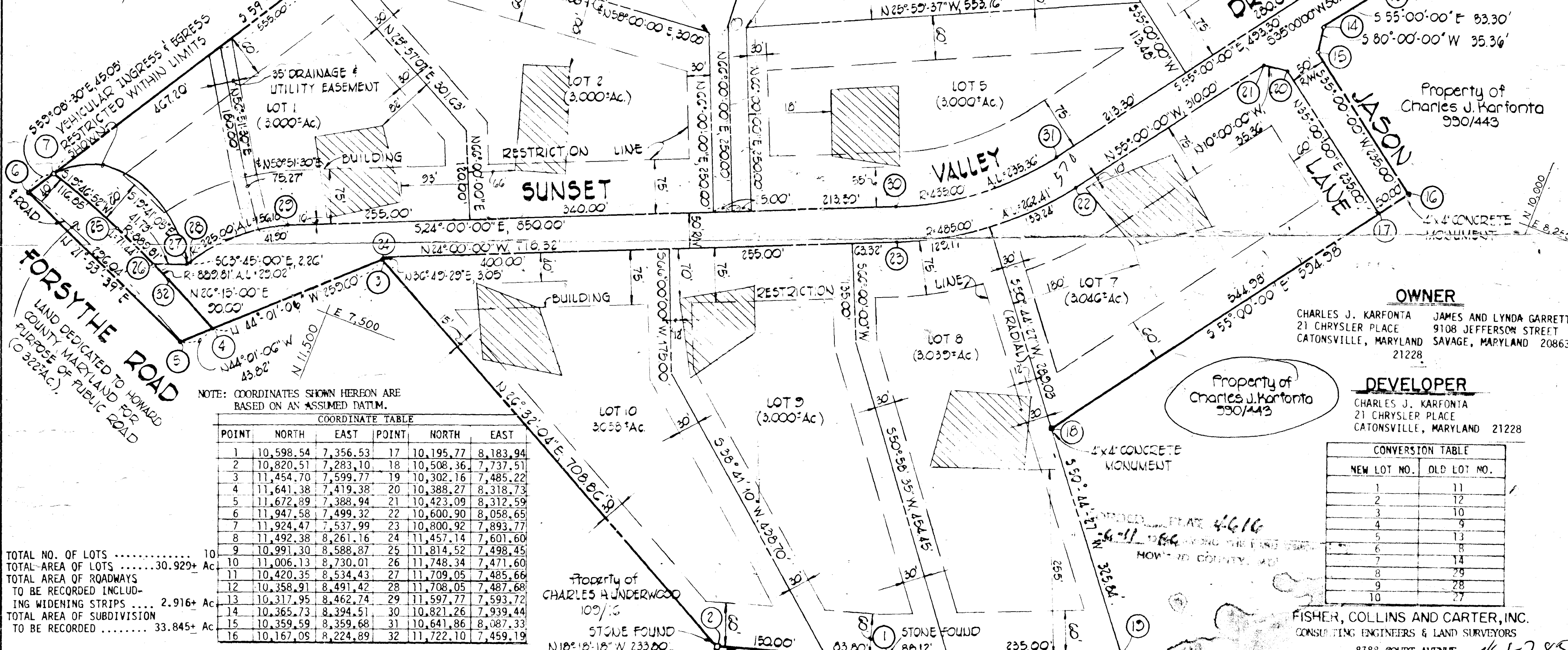
11. Recovery pump test data - observations to be recorded every 15 minutes

[illegible]

TABLE OF CURVE DATA						
CURVE	RADIUS	LENGTH	TANGENT	Δ	CHORD BEARING & DISTANCE	
22-23	485.00'	262.41'	134.50'	31°-00'-00"	N39°-30'-00" W, 259.22'	
32-26	889.81'	29.02'	14.51'	01°-52'-08"	N25°-18'-56" E, 29.02'	
25-26	889.81'	71.44'	35.74'	04°-35'-00"	S22°-04'-48" W, 71.42'	
28-29	225.00'	156.10'	81.34'	39°-45'-00"	S43°-52'-30" E, 152.99'	
30-31	435.00'	235.36'	120.64'	31°-00'-00"	S39°-30'-00" E, 232.50'	

- THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF APPROXIMATELY 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE AND SERVING ANY RESIDENTIAL STRUCTURE CONSTRUCTED ON THESE BUILDING SITES. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM.
- THE LOTS SHOWN COMPLY WITH THE MINIMUM OWNERSHIP AND LOT AREAS AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE.
- FOR FLAG OR PIPE STEM LOTS, REFUSE COLLECTION, SNOW REMOVAL AND ROAD MAINTENANCE ARE PROVIDED TO THE JUNCTION OF THE FLAG OR PIPE STEM, AND THE ROAD RIGHT OF WAY LINE AND NOT ONTO THE FLAG OR PIPE STEM DRIVEWAY.
- SUBJECT PROPERTY ZONED "R" PER 10/3/77 COMPREHENSIVE ZONING PLAN.

Property of  
GEORGE HARDING  
845/265



FORSYTHE ROAD  
LAND DEDICATED TO HOWARD  
COUNTY, MARYLAND FOR  
PURPOSE OF PUBLIC ROAD  
(0.32± Ac.)

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

COORDINATE TABLE					
POINT	NORTH	EAST	POINT	NORTH	EAST
1	10,598.54	7,356.53	17	10,195.77	8,183.94
2	10,820.51	7,283.10	18	10,508.36	7,737.51
3	11,454.70	7,599.77	19	10,302.16	7,485.22
4	11,641.38	7,419.38	20	10,388.27	8,318.73
5	11,672.89	7,388.94	21	10,423.09	8,312.59
6	11,947.58	7,499.32	22	10,600.90	8,058.65
7	11,924.47	7,537.99	23	10,800.92	7,893.77
8	11,492.38	8,261.16	24	11,457.14	7,601.60
9	10,991.30	8,588.87	25	11,814.52	7,498.45
10	11,006.13	8,730.01	26	11,748.34	7,471.60
11	10,420.35	8,534.43	27	11,709.05	7,485.66
12	10,358.91	8,491.42	28	11,708.05	7,487.68
13	10,317.95	8,462.74	29	11,597.77	7,593.72
14	10,365.73	8,394.51	30	10,821.26	7,939.44
15	10,359.59	8,359.68	31	10,641.86	8,087.33
16	10,167.05	8,224.89	32	11,722.10	7,459.19

TOTAL NO. OF LOTS ..... 10  
TOTAL AREA OF LOTS ..... 30.929± Ac  
TOTAL AREA OF ROADWAYS  
TO BE RECORDED INCLUD-  
ING WIDENING STRIPS ..... 2.916± Ac  
TOTAL AREA OF SUBDIVISION  
TO BE RECORDED ..... 33.845± Ac

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE  
SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT  
*[Signature]* 6-5-80  
COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND  
ZONING:  
*[Signature]*  
DIRECTOR DATE

APPROVED: FOR STORM DRAINAGE SYSTEMS, AND PUBLIC  
ROADS.  
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
*[Signature]*  
DIRECTOR DATE

OWNER'S CERTIFICATE

WE, JAMES KELLEY GARRETT AND LYNDIA JEAN GARRETT, HIS WIFE, AND CHARLES J. KARFONTA, OWNERS OF THE PROPERTY SHOWN AND DESCRIBED HEREON, HEREBY ADOPT THIS PLAN OF SUBDIVISION, AND IN CONSIDERATION OF THE APPROVAL OF THIS FINAL PLAT BY THE OFFICE OF PLANNING AND ZONING, ESTABLISH THE MINIMUM BUILDING RESTRICTION LINES AND GRANT UNTO HOWARD COUNTY, MARYLAND, ITS SUCCESSORS AND ASSIGNS, (1) THE RIGHT TO LAY, CONSTRUCT AND MAINTAIN SEWERS, DRAINS, WATER PIPES AND OTHER MUNICIPAL UTILITIES AND SERVICES, IN AN UNDER ALL ROADS AND STREET RIGHT-OF-WAYS AND THE SPECIFIC EASEMENT AREAS SHOWN HEREON; (2) THE RIGHT TO REQUIRE DEDICATION FOR PUBLIC USE THE BEDS OF THE STREETS AND/OR ROADS, AND FLOODPLAINS AND OPEN SPACE WHERE APPLICABLE AND FOR GOOD AND OTHER VALUABLE CONSIDERATION, HEREBY GRANT THE RIGHT AND OPTION TO HOWARD COUNTY TO ACQUIRE THE FEE SIMPLE TITLE TO THE BEDS OF THE STREETS AND/OR ROADS AND FLOODPLAINS, STORM DRAINAGE FACILITIES AND OPEN SPACE WHERE APPLICABLE; AND (3) THE RIGHT TO REQUIRE DEDICATION OF WATERWAYS AND DRAINAGE EASEMENTS FOR THE SPECIFIC PURPOSE OF THEIR CONSTRUCTION, REPAIR AND MAINTENANCE; AND (4) THAT NO BUILDING OR SIMILAR STRUCTURE OF ANY KIND SHALL BE ERECTED ON OR OVER THE SAID EASEMENTS AND RIGHT-OF-WAYS. WITNESS OUR HANDS THIS 18<sup>TH</sup> DAY OF MARCH 1980.

*James Kelley Garrett* *Lyndia Jean Garrett*

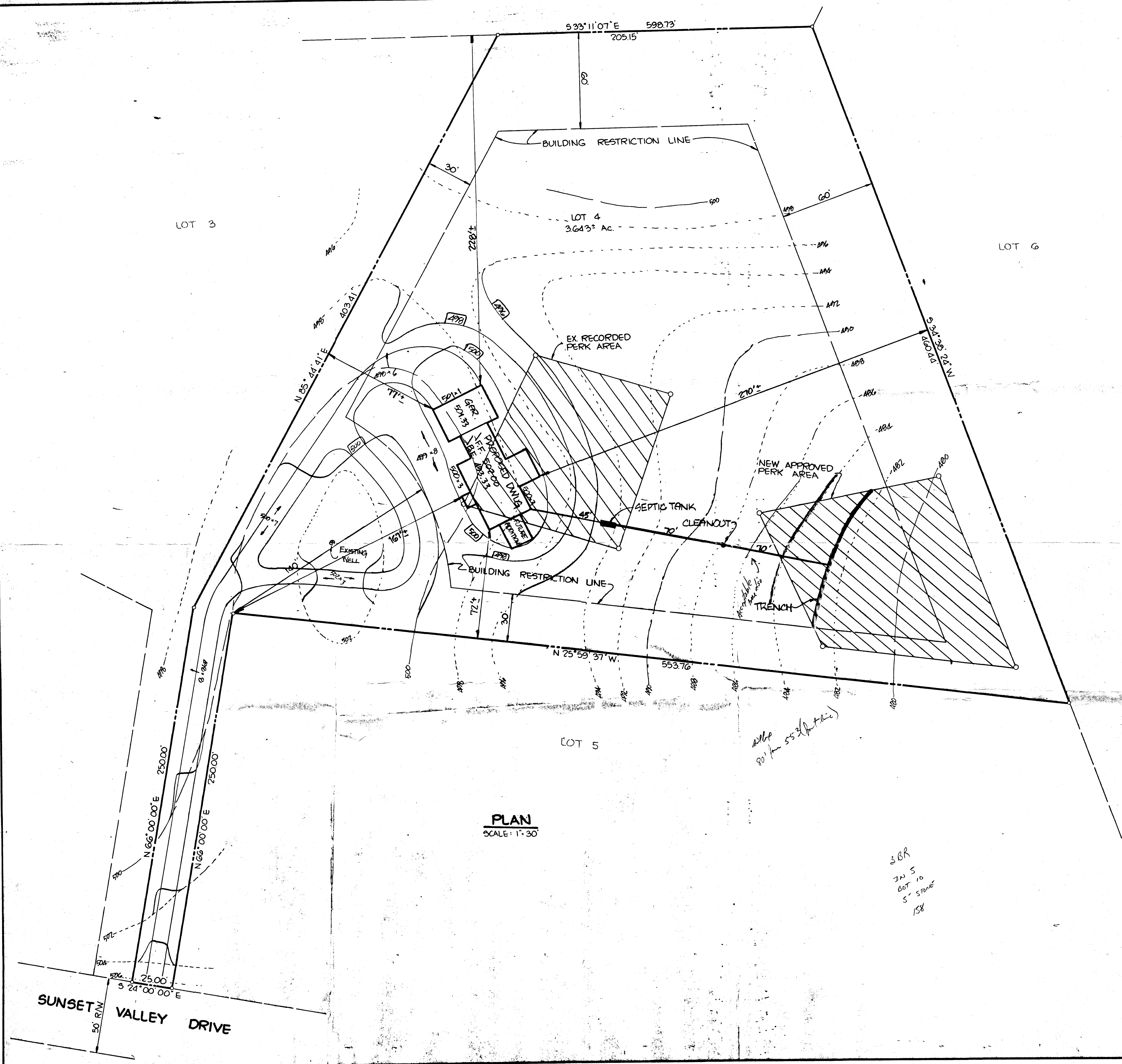
SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT THE FINAL PLAT SHOWN HEREON IS CORRECT; THAT IT IS A SUBDIVISION OF ALL THE LAND CONVEYED BY VIRGINIA M. GARRATT, WIDOW, TO JAMES KELLEY GARRETT AND LYNDIA JEAN GARRETT, HIS WIFE BY DEED DATED JANUARY 10, 1974 AND RECORDED IN THE LAND RECORDS OF HOWARD COUNTY IN LIBER No. 666, FOLIO 589 AND PART OF THE LAND CONVEYED BY VIRGINIA M. GARRATT, WIDOW, TO CHARLES J. KARFONTA BY DEED DATED FEBRUARY 15, 1980 AND RECORDED IN THE AFORESAID LAND RECORDS IN LIBER 990, FOLIO 443 AND THAT ALL MONUMENTS ARE IN PLACE AS SHOWN IN ACCORDANCE WITH THE ANNOTATED CODE OF MARYLAND.

*[Signature]* 7/18/80  
FISHER, COLLINS AND CARTER, INC.  
CONSULTING ENGINEERS & LAND SURVEYORS  
8388 COURT AVENUE  
ELICOTT CITY, MARYLAND 21043

SECTION ONE  
SUNSET VALLEY  
LOTS 1-10

PARCELS 172, 173,  
174 & P/O 36  
TAX MAP #9  
3rd ELECTION DISTRICT HOWARD COUNTY, MD  
SCALE 1"=100'  
NOVEMBER 29, 1979



SEPTIC SYSTEM DATA:

INVERT @ HOUSE: 490.0 ✓

SEPTIC TANK (1000-GAL.)

EX. GR. 494.5 ✓  
 FIN. GR. 494.5 ✓  
 INV. IN: 490.3 ✓  
 INV. OUT: 490.0 ✓

CLEANOUT

EX. GR. 487.8 ✓  
 FIN. GR. 487.8 ✓  
 INV. 484.8 ✓

TRENCH (9'5\" x 2')<sup>1/2</sup>

EX. GR. 482.5 ✓  
 FIN. GR. 482.5 ✓  
 INV. IN. 477.5 ✓  
 BOTTOM OF STONE 472.5 ✓

PLAN  
 SCALE: 1\" = 30'

B.P. # 70436

OWNER	PROJECT: LOT 4, SEC. 1 SUNSET VALLEY		
	LOCATION: 3 <sup>RD</sup> ELEC. DIST. HOWARD CO., MD.		
DEVELOPER	TITLE: SITE PLAN & GRADING PLAN		
	DATE: 5/8/86	PROJECT NO. 86-60	
DES: G44	DRN: G44	SCALE: 1\" = 30'	DRAWING 1 OF 1