

5/11/85
5/16/85
P.M. Inspt.
5/18/85 - anytime
RETURN AT 1PM

5-7-85
approved
Skel

5-7-85
WPI
approved
Skel

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

P 34740

A 29154

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
992-2330

03-308979

INDEXED

ELLICOTT CITY

DISTRICT 3rd

DATE 1/3/85

Mac Corporation

IS PERMITTED TO INSTALL ☒ ALTER ☐

ADDRESS 21 Chrysler Place, Catonsville, Md. 21228 PHONE 788-5726

SUBDIVISION Sunset Valley ROAD 985 Sunset Valley Drive LOT 2, Sec. 2

PROPERTY OWNER Mac Corporation

ADDRESS same as above

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

DEEP TRENCHES - 251 sq. ft. one sidewall area per bedroom. Ditch is to be 2 ft. wide, 10 feet deep, with inlet at 4 1/2 ft. below original grade and filled with 5 1/2 ft. of stone. Length of ditches depends on the number of sq. ft. needed. Start the ditch at perc hole #4 and run it along level ground toward perc hole #2. Perc hole #4 is located 100 ft. from the front lot line and 20 ft. from the left lot line as seen when facing the lot from Sunset Valley Drive. Perc hole #2 is located 120 ft. from the front lot line and 110 ft. from the left lot line as seen when facing the lot from Sunset Valley Drive.

PLANS APPROVED BY Raymond Hodges DATE 2/17/83

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.

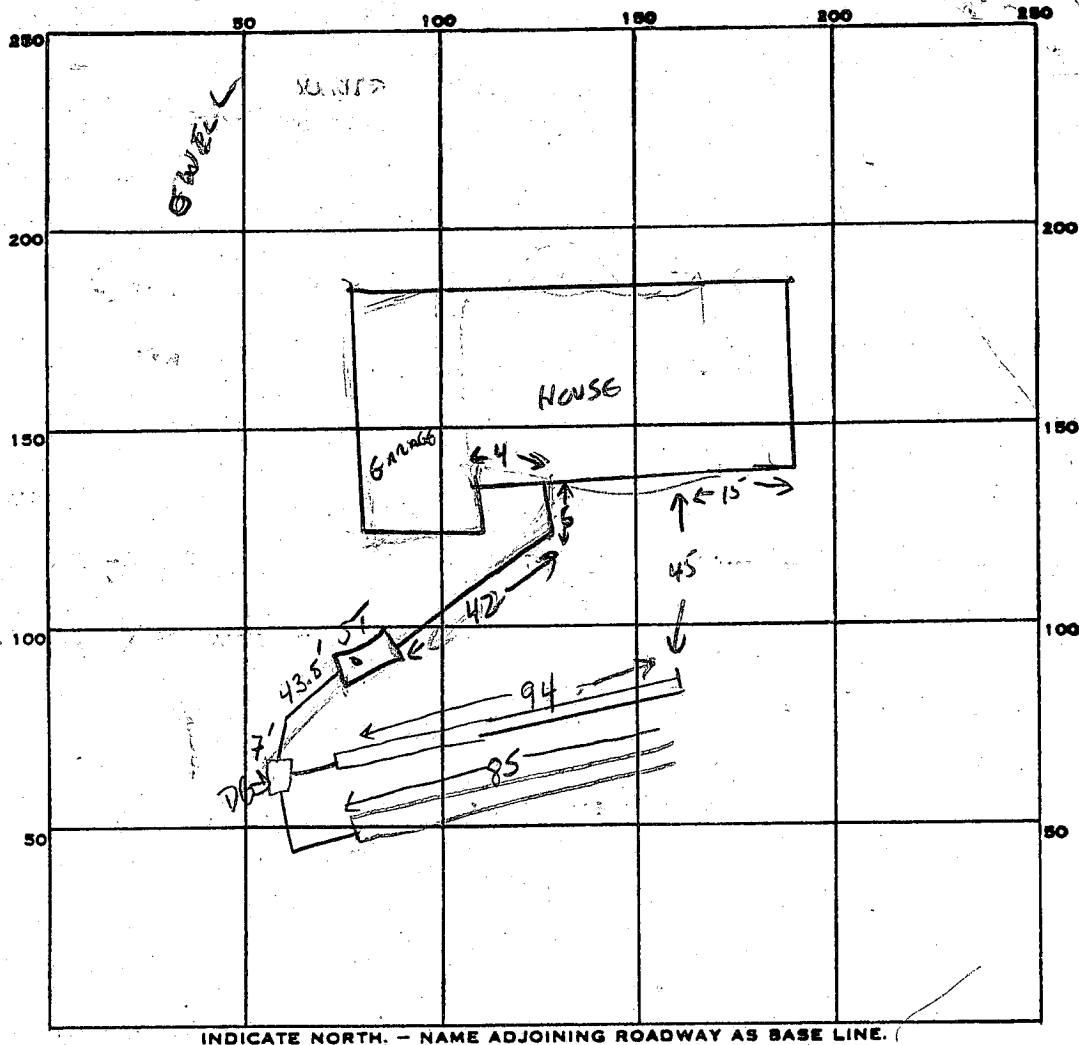
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA, OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APROVAL ON THIS PERMIT

*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

A 29154



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

PERMIT CARD _____

SEPTIC TANK, LEVEL _____

CLEANOUTS _____

DISTRIBUTION BOX, LEVEL _____

TILE FIELD, DEPTH #1 10-11' FT. TRENCH WIDTH 2 FT.

INLET 4.5'

GRAVEL DEPTH 6-6.5' IN TOTAL LENGTH 178 FT.

NUMBER OF TRENCHES #193 TOTAL BOTTOM AREA 1068 \square

SEEPAGE PITS, INSIDE DIAMETER _____ FT. DEPTH BELOW INLET _____ FT.

ABSORBENT AREA 1068 SQ. FT.

REMARKS 5/4/85 SEPTIC TANK INSTALLED. 1ST TRENCH STARTED 10-11' DEEP CW

5/7/85 1ST TRENCH COMPLETE CW

5-8-85 TRENCH #2 TO BE 20' LONGER - OK TO ADD STONE + PIPE TO TRENCH OR TO COUPLE AN
WORK FROM TRENCH #1 TO HOUSE. SAbel

DATE SYSTEM APPROVED

5-8-85

INSPECTOR

SAbel

A 29154
SUNSET VALLEY
SECT 2

3 BEDROOMS - 1000 GALLON TANK

4 BEDROOMS - 1250 GALLON TANK

LOT 2

DEEP TRENCHES - 251 sq. ft. one sidewall area per bedroom. Ditch is to be
2 ft. wide, ~~10~~⁹ ft. deep, with inlet at 4 1/2
ft. below original grade and filled with 5 1/2 ft. of stone. Length of the
ditch deepens on the number of sq. ft. needed. Start the ditch at perc hole # (4)
and run it along level ground toward perc hole # (2). Perc hole # (4) is located
110 ft. from the FRONT lot line and 20 ft. from the LEFT
lot line as seen when facing the lot from SUNSET VALLEY DRIVE road.
Perc hole # (2) is located 120 ft. from the FRONT lot line and 110
ft. from the LEFT lot line as seen when facing the lot from SUNSET
VALLEY DRIVE road.

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 29154

P _____

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

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

PROPERTY LOCATION:

SUBDIVISION SUNSET VALLEY LOT NO. 6 New #2 on 11/14/80 PLOT

ROAD AND DESCRIPTION SUNSET VALLEY DRIVE Ver. 2

SIZE OF LOT 3.0 AC. ± TYPE BLDG. 4 Bedroom, NO GRINDER
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 Hodges FOR TRENCH

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

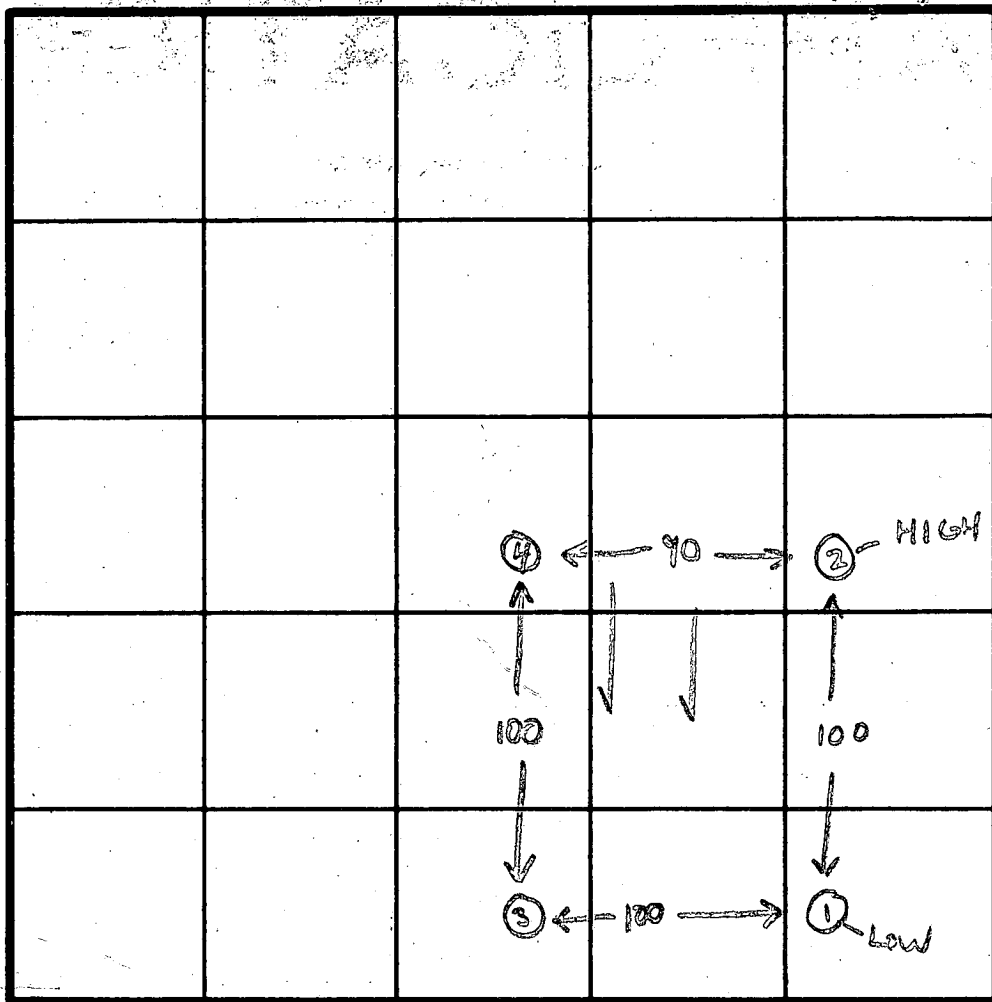
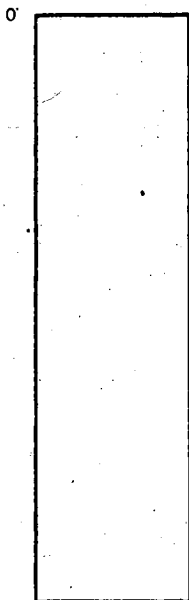
REASONS FOR REJECTION OR HOLDING _____

BLDG. PERMIT SIGNED
AND RETURNED 10/19/84
18445247 FOR 40.00 S.F.A.
DATE 2/17/83

THIS IS NOT A PERMIT

6
View #2

SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
12/14/78	15	4 1/2	1048	1054	1054	1102	8
	10-LOW	13	1048	1054	1054	1100	6
	25	6	1054	1112	1112	1138	26
	20-HIGH	13	1052	1058	1058	1103	5
	35	7	1054	1105	1105	1116	11
	30	13	1054	1103	1103	1013	10
	45	12 1/2	VISUAL - CLAYEY LOAM WITH SAND				
	40						
	3m	5	1132	1135	1135	1141	6
							7/72

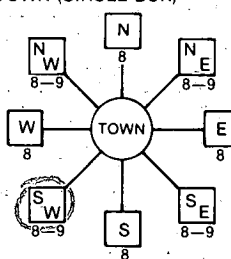

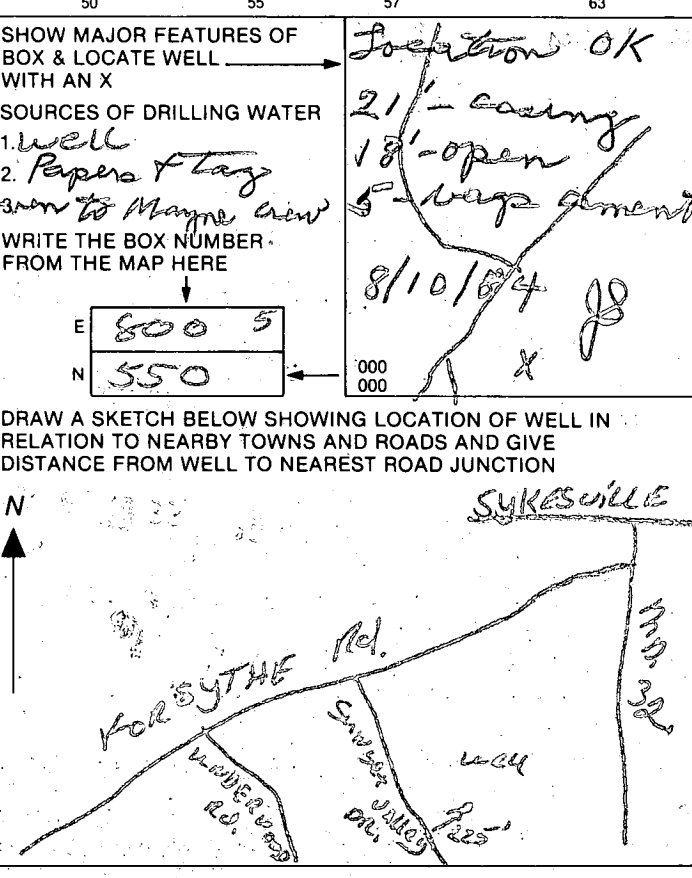
Unleashed
Good soil
@ 6'
8:15 min.
average
11 min
26
209

REMARKS Tests as staked - open field

TYPE OF SOIL Variable clay loam - sandy loam below

TESTED BY (GLK) S. RO

ALSO PRESENT Crum,

B 1	1443	SEQUENCE NO. (OEP USE ONLY)	STATE OF MARYLAND PERMIT TO DRILL WELL <i>not</i>	OEP PERMIT NUMBER <div style="border: 1px solid black; padding: 2px;">40-81-0666</div>
THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS		please print or type		
Date Received <u>8/10/84 - 9:30 AM</u> OWNER INFORMATION <div style="border: 1px solid black; padding: 2px;"> <div style="display: flex; justify-content: space-between;"> <div> <div style="border: 1px solid black; padding: 2px;">KARFOUNT</div> <div style="border: 1px solid black; padding: 2px;">CHARLES</div> </div> <div> <div style="border: 1px solid black; padding: 2px;">21</div> <div style="border: 1px solid black; padding: 2px;">CHRYSLE</div> <div style="border: 1px solid black; padding: 2px;">PLALE</div> </div> </div> <div style="display: flex; justify-content: space-between;"> <div> <div style="border: 1px solid black; padding: 2px;">CATONSVILLE</div> <div style="border: 1px solid black; padding: 2px;">0221225</div> </div> </div> </div>		LOCATION OF WELL <div style="border: 1px solid black; padding: 2px;"> <div style="display: flex; justify-content: space-between;"> <div> <div style="border: 1px solid black; padding: 2px;">HOWARD</div> <div style="border: 1px solid black; padding: 2px;">SUNSET VALLEY</div> </div> <div> <div style="border: 1px solid black; padding: 2px;">SECTION 2</div> <div style="border: 1px solid black; padding: 2px;">LOT 2</div> </div> </div> <div style="border: 1px solid black; padding: 2px;"> <div style="border: 1px solid black; padding: 2px;">SYKESVILLE</div> </div> </div>		
DRILLER INFORMATION <div style="border: 1px solid black; padding: 2px;"> <div style="display: flex; justify-content: space-between;"> <div> <div style="border: 1px solid black; padding: 2px;">Ralph Mayne</div> <div style="border: 1px solid black; padding: 2px;">Ralph Mayne (well Drilling)</div> <div style="border: 1px solid black; padding: 2px;">9120 Brown Church Rd. Mt. Airy</div> <div style="border: 1px solid black; padding: 2px;">Ralph Mayne</div> </div> <div> <div style="border: 1px solid black; padding: 2px;">223</div> <div style="border: 1px solid black; padding: 2px;">7/19/84</div> </div> </div> </div>		MILES FROM TOWN (enter 0 if in town) <u>2</u> MI DIRECTION OF WELL FROM TOWN (CIRCLE BOX) 		
WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN.) <u>5</u> AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) <u>500</u>		NEAR WHAT ROAD <u>Sunset Valley DR.</u> ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  DISTANCE FROM ROAD <u>225</u> FT or MI <u>FT</u>		
USE FOR WATER (CIRCLE APPROPRIATE BOX) <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)		NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL <div style="border: 1px solid black; padding: 2px;"> <u>Howard</u> COUNTY NAME <u>A29154</u> COUNTY NO. OEP SIGNATURE _____ STATE HEALTH INSERT S _____ DATE ISSUED <u>080984</u> CO SIGNATURE <u>Chris Williams</u> EXP. DATE <u>2/9/85</u> NORTH GRID <u>550000</u> EAST GRID <u>0805000</u> </div>		
APPROXIMATE DEPTH OF WELL <u>150</u> FEET APPROXIMATE DIAMETER OF WELL <u>6</u> INCH		SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X SOURCES OF DRILLING WATER 1. well 2. Papers & tags given to Mayne crew WRITE THE BOX NUMBER FROM THE MAP HERE <div style="border: 1px solid black; padding: 2px; display: inline-block;"> E 800 5 N 550 </div>		
METHOD OF DRILLING (circle one) BORED (or Augered) <u>AIR-ROTary</u> JETTED Jettied & DRIVEN CABLE REVERSE-ROTary DRIVE-POINT other _____		DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION 		
REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX) <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) _____		Not to be filled in by driller (OEP USE ONLY) APPROP. PERMIT NUMBER _____ GAP _____ FORCE <u>W</u> INITIALS IN BOX PERMIT No. <u>40-81-0666</u>		
SPECIAL CONDITIONS				

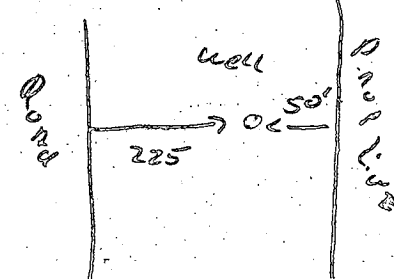
[illegible]

C1	4542	SEQUENCE NO. (OEP USE ONLY)	STATE OF MARYLAND WELL COMPLETION REPORT FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE	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	A29154

DATE Received	DATE WELL COMPLETED	Depth of Well	PERMIT NO.
8 13	080984	22 100 26 (TO NEAREST FOOT)	FROM "PERMIT TO DRILL WELL" 40-81-0666
OWNER <u>KARFONTA</u> <u>CHARLES</u>			
STREET OR RFD <u>SUNSET VALLEY DRIVE</u> TOWN <u>SYKESVILLE</u>			
SUBDIVISION <u>SUNSET VALLEY</u> SECTION <u>2</u> LOT <u>2</u>			

WELL LOG Not required for driven wells			GROUTING RECORD			C 3
STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING			WELL HAS BEEN GROUTED (Circle Appropriate Box)			
DESCRIPTION (Use additional sheets if needed)	FEET		Check if water bearing	TYPE OF GROUTING MATERIAL		
	FROM	TO		CEMENT <u>CM</u> BENTONITE CLAY <u>BC</u>		
Top Soil	0	2		NO. OF BAGS <u>5</u> NO. OF POUNDS <u>500</u>		
Sandy	2	11		GALLONS OF WATER <u>30</u>		
Sand Stone	11	15		DEPTH OF GROUT SEAL (to nearest foot)		
Micka	15	25		from <u>0</u> ft. to <u>18</u> ft.		
Sand Stone	25	35	✓	(enter 0 if from surface)		
Micka	35	100				
				CASING RECORD		
				casing types insert appropriate code below		
				ST CO STEEL CONCRETE PL OT PLASTIC OTHER		
				MAIN Nominal diameter Total depth CASING top (main) casing of main casing TYPE (nearest inch) (nearest foot)		
				PL 21		
				OTHER CASING (if used)		
				diameter depth (feet) inch from to		
				screen type or open hole		
				insert appropriate code below		
				ST BR HO STEEL BRASS OPEN PL BRONZE HOLE PLASTIC OTHER		
				DEPTH (nearest ft.)		
				1 40 18 100		
				2 23 24 26 30 32 36		
				3 38 39 41 45 47 51		
				SLOT SIZE 1 2 3		
				DIAMETER OF SCREEN (NEAREST INCH)		
				56 60		
				GRAVEL PACK		
				IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68		
				OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)		
				T (E.R.O.S.) W Q		
				70 72 74 75 76		
				TELESCOPE LOG OTHER DATA CASING INDICATOR		

PUMPING TEST		
HOURS PUMPED (nearest hour) <u>3</u>		
PUMPING RATE (gal. per min. to nearest gal.) <u>7</u>		
METHOD USED TO MEASURE PUMPING RATE <u>Bucket</u>		
WATER LEVEL (distance from land surface)		
BEFORE PUMPING <u>29</u>		
WHEN PUMPING <u>29</u>		
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 <u>NO</u>		
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: <u>29</u>		
CAPACITY: GALLONS PER MINUTE (to nearest gallon) <u>31</u> <u>35</u>		
PUMP HORSE POWER <u>37</u> <u>41</u>		
PUMP COLUMN LENGTH (nearest ft.) <u>43</u> <u>47</u>		
CASING HEIGHT (circle appropriate box and enter casing height)		
<u>+</u> above LAND SURFACE <u>2</u> (nearest foot)		
<u>-</u> below		

CIRCLE APPROPRIATE LETTER A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED E ELECTRIC LOG OBTAINED P TEST WELL CONVERTED TO PRODUCTION WELL			LOCATION OF WELL ON LOT		
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.			SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)		
DRILLERS IDENT. NO. <u>253</u>					
DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) <u>Ralph E. Mayne</u>					
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)					

21ft PL - 5 bags

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

PUMP INSTALLATION

THE FOLLOWING STATEMENT MUST BE COMPLETED BY THE HOME OWNER
WHEN A PUMP IS INSTALLED BY A PERSON OTHER THAN THE WELL
DRILLER:

My well driller is not to install the pump for my water well, and I
hereby certify that it will be my responsibility to have a Pump Permit
taken out by a registered master plumber or certified pump installer.
It will be my responsibility to notify the Health Department before
and during the installation so that inspections can be made by their
representative. (Pursuant to Chapter XVII, of the Plumbing Code of
Howard County.)

Carl J. Hoff
(Name) SSV LOT 2

21 CHRYSLER PLANE BALTO, MD 21228
(Address)

H0-81-0666
(OEP Well Permit Number)

8/23/84
(Date)

WPI
5/6/85

17 LOSS ADAPTER

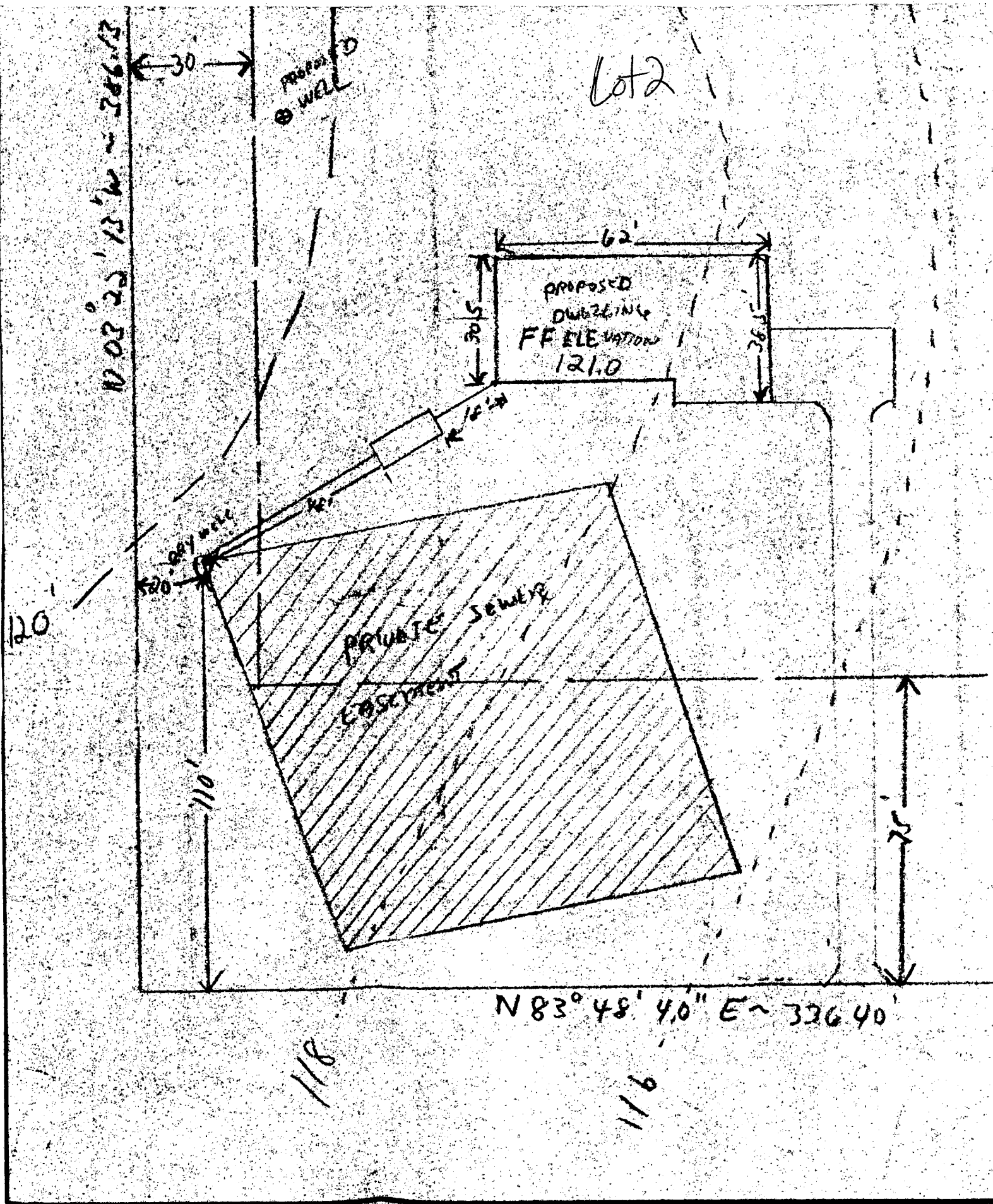
9/8/85

NO HEL - LINS INSTALLED

PRESSURE TANK IN
PRESSURE RELIEF VALVE INSTALLED

STABLE

3 BLOWN OUTS.
CW



ELEVATIONS

FIRST FLOOR 121.0
SEWER OUTLET HOUSE . . . 116.9
BASEMENT FLOOR 113.0
SEPTIC TANK INVERT IN . . 116.5
SEPTIC TANK INVERT OUT . . 116.0
DIP WELL INVERT IN . . . 115.0
WELL 120.5

REVISED 10/17/84 10/19/84

HOUSE INFO.

4 BEDROOMS

2 1/2 BATHS

NO DISPOSAL FOR KITCHEN

Revised Sketch OK
J. Shum

CHUCK KOFFONTA
788-5726

M.A.C. CONSTRUCTION		
SCALE: 1" = 30'	APPROVED BY	DRAWN BY
DATE: 6/22/84		CJR
LOT 2 SUNSET VALLEY DR. SITE		