

11/15/84

11 PM AFTERNOON

W.P.I. - 12/5/84

11/16/84

A.M.

PERMIT

approved
11/16/84

P 34567

A 34112

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

BUREAU OF ENVIRONMENTAL HEALTH

992-2330

03-309053
INDEXED

ELLICOTT CITY

DISTRICT 3rd

DATE 11/14/84

Freedom Sanitation Services

IS PERMITTED TO INSTALL ☒ ALTER

ADDRESS 2808 Liberty Road, Eldersbury, Maryland

PHONE 795-2385

SUBDIVISION Sunset Valley ROAD 1030 Sunset Valley Dr LOT 10, Sec. 2

PROPERTY OWNER Walter and Diane Conolley

ADDRESS

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

GARBAGE GRINDER? YES NO ☒

SEPTIC TANK CAPACITY 1000 GALLONS NUMBER OF BEDROOMS 3

TRENCHES - 158 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 4½ feet below original grade. Bottom maximum depth 9½ feet below original grade. Effective area begins at 4½ feet below original grade. 5 feet of stone below distribution pipe. LOCATION: Start the first trench 250 feet from the rear (372.86 ft. long) lot line and 35 feet from the right (380 ft. long) sideline. Continue to dig the trench on level ground staying at least 10 feet from lot lines and 20 feet from house foundation. Place the second trench parallel to and 12 feet away from the first trench. NOTE: No trench to exceed 100 feet in length. If more than one trench used, a distribution box is required. Trenches to be installed on level ground. Call for inspection of trench(s) before and after gravel is installed. Prove 6" - 8" diameter cleanout and cap to grade or above on septic tank.

PLANS APPROVED BY Frank Skinner

DATE 11/14/84

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.

BUDG. PERMIT SIGNED

PERMIT VOID AFTER THREE YEARS.

AND RETURNED

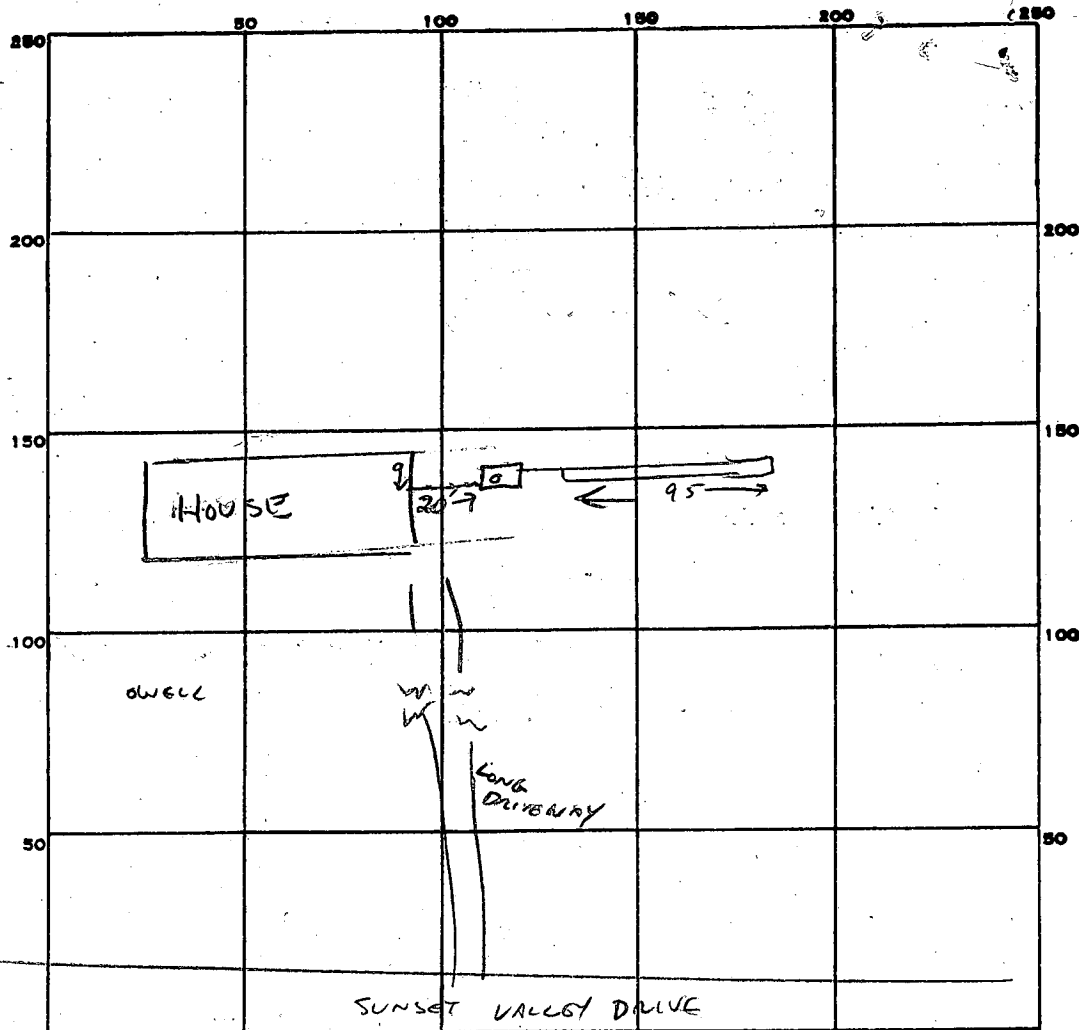
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA, OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APROVAL ON THIS PERMIT

*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

A34112



PERMIT CARD ☒

SEPTIC TANK, LEVEL ☒

CLEANOUTS ☒ ST

DISTRIBUTION BOX, LEVEL N/A

TILE FIELD, DEPTH 9 1/2 FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 5 FT IN. TOTAL LENGTH 95 FT.

NUMBER OF TRENCHES 1 ONE SIDEWALL TOTAL BOTTOM AREA 475

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

ABSORBENT AREA 474 SQ. FT.

REMARKS 11/15/84 TRENCH OK TO ADD STONE. CW

11/16/84 OK TO COVER TRENCH.

STOP WORK - TANK INLET LINE TOO STEEP. CWILLIAMS

11/18/84 SLOPE CORRECTED. OK TO COVER ALL WORK. CW

DATE SYSTEM APPROVED 11/18/84

INSPECTOR CWILLIAMS

APPLICATION

8/20/84 p.m.
1:30

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 34112

P _____

DISTRICT 3rd.

DATE 7/17/84

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 MARY D. CONOLLEY

✓ ADDRESS 5802 HANNA RD. PHONE 781-7077

PROPERTY LOCATION:

✓ SUBDIVISION SUNSET VALLEY ✓ LOT NO. 10, Sec. 2

✓ 1030
✓ ROAD AND DESCRIPTION SUNSET VALLEY DRIVE OFF OF FORSYTHE RD
SYKESVILLE

✓ SIZE OF LOT 3.693 ACRES ✓ TYPE BLDG. 3 BEDROOM RANCHER
(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.

Mary D. Conolley
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

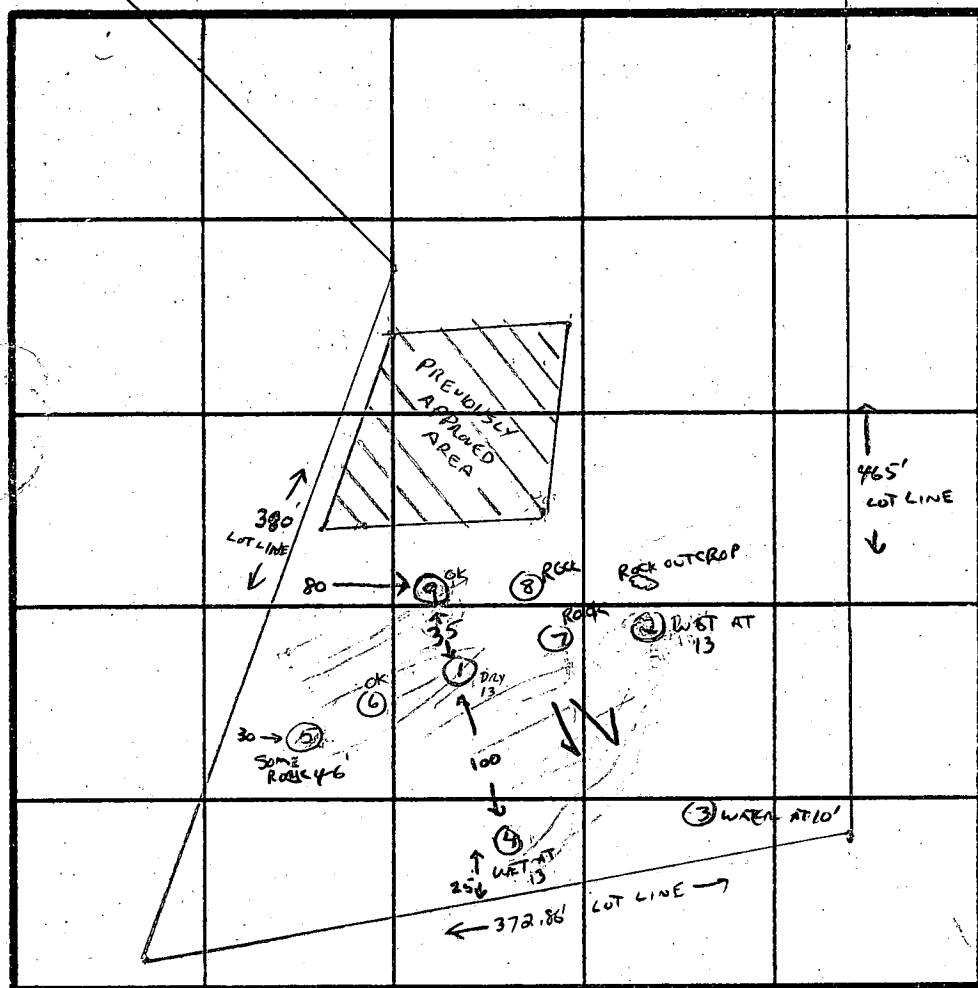
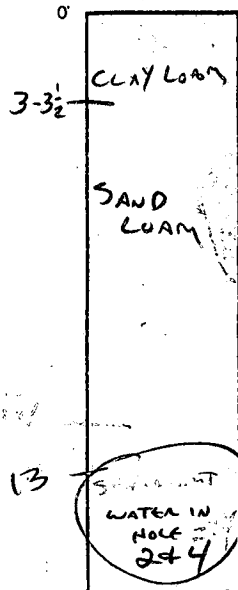
B P Appl # T84-40231

9-14-84
for SEP.

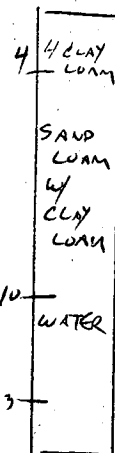
THIS IS NOT A PERMIT

HOLE
1+2 & 4

SOIL PROFILE



3



DO NOT
USE
THIS
HOLE

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
8-2-84	1	7	2:19	2:22	2:22	2:26	4 MIN
		13	SAND LOAM BELOW 3'				
8-2-84	2	14	VISUAL SAND BELOW 3 1/2' CLAY		WATER AT 13'		
8-2-84	3	12	WATER TO 10'		DO NOT USE		XX
8-2-84	4	4	2:22	2:24	2:24	2:27	3 MIN
		13 1/2	SAND LOAM BELOW 3 1/2' CLAY				
8-2-84	5	4	2:26	2:30	2:30	2:36	6 MIN
	5 DEEP	14'	VISUAL CLAY SAND LOAM		SOME ROCK 4-6 FT.		
8-2-84	7 & 8	ROCK AT 4'					XX
8-2-84	6	10'	VISUAL SAND		BELOW 3 1/2' CLAY		
8-2-84	9	10'	VISUAL SAND		BELOW 3' CLAY - START SYSTEM HERE.		

REMARKS SHALLOW SYSTEM ONLY
START SYSTEM 80 FT FROM 380' LOT LINE & 160' FROM 372.86' LOT LINE

TYPE OF SOIL SAND LOAM BELOW CLAY LOAM - OCCASIONAL ROCK OUTCROPS - SHALLOW SYSTEM ONLY TO AVOID ROCKS.

TESTED BY Craig Wilton

ALSO PRESENT TONY (BUILDER)

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 29173

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. PHONE 301-442-2262
21784

PROPERTY LOCATION:

SUBDIVISION SUNSET VALLEY LOT NO. New # 10 1/4 Plat
1030 25 Sec. 2

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. Bunter

APPROVED BY Raymond Hodge FOR Trench & Dry Well DATE 2/18/83

REJECTED BY _____ FOR _____ DATE _____

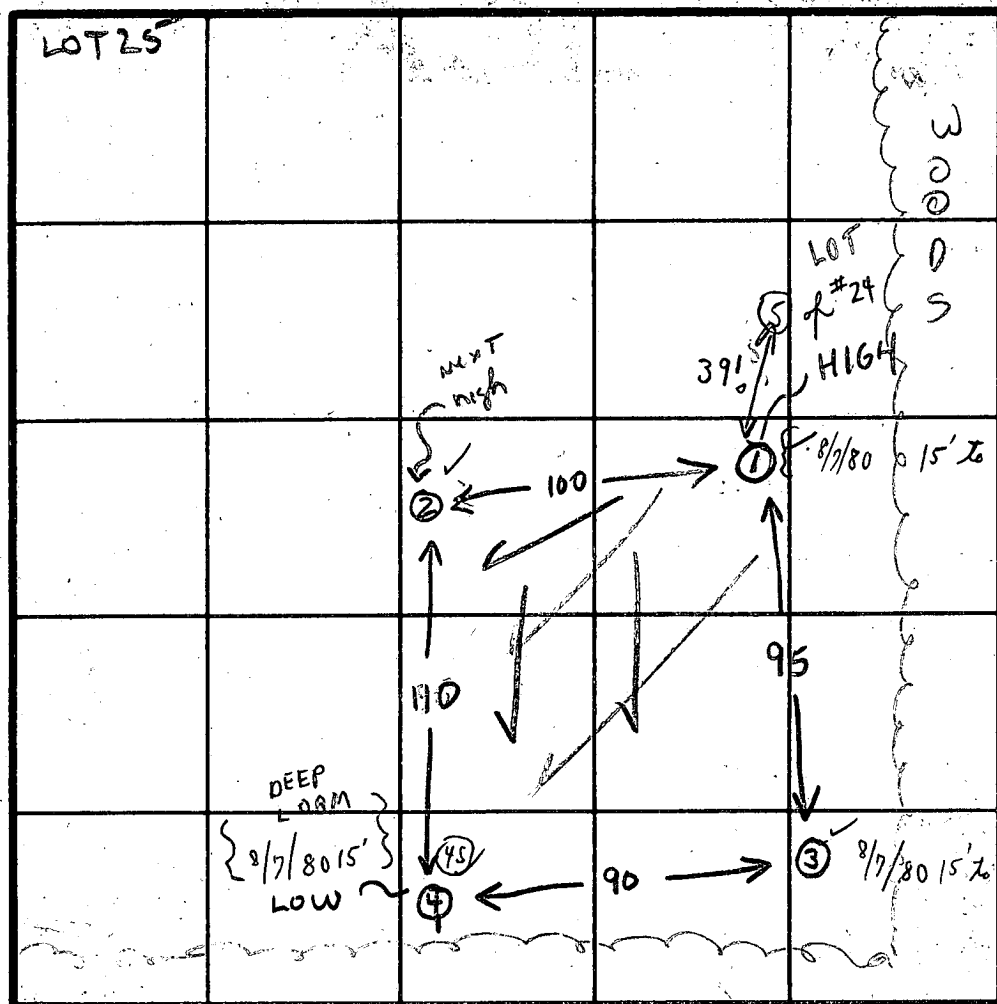
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

SOIL PROFILE

FIELD
SHEET



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

DAY ROAD

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
12/19/78	15 10	12'	CLAYGY	TO 6'			
	2S 1/2"	5	CLAYGY	CLAYGY	WITH SAND BELOW		
12/19/78	20	13	1150	1154	1154	1158	4
	30	7	1150	1158	1158	1205	7
	30	13	1154	1203	1203	1215	12
	30	13	1154	1158	1158	1206	8
	45	4 1/2	1152	1222	1211		fails
	40	13	1152	1210	1210	1230	20
	35	5	1159	1229	1211		fails
	15	5	1201	1212	1212	1237	25
	25	5	231	234	234	242	12
8/7/80	4 S	5'	10:59	11:11	11:11	11:39	28m
C.B.S.							
+ CROVO							116
							8
							36

REMARKS

TYPE OF SOIL

TESTED BY

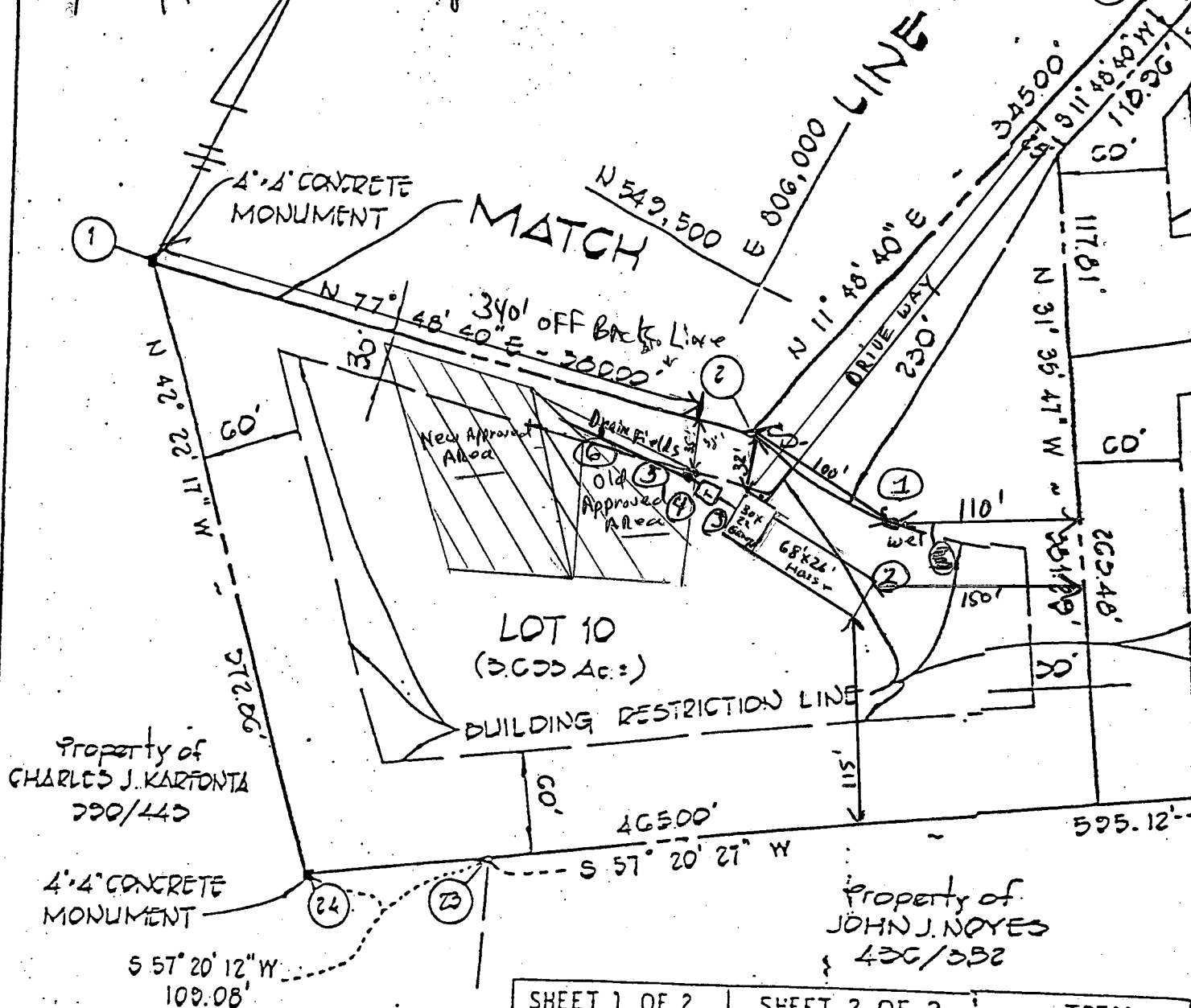
ALSO PRESENT

Attention
Greg Williams

AS Per Conversation 8-27-84
4:01 pm.

Tony B. Henline

To Health Dept.



	SHEET 1 OF 2	SHEET 2 OF 2	TOTAL
NUMBER OF LOTS TO BE RECORDED	6	6	12
TOTAL AREA OF LOTS	20.475 Ac. ±	20.324 Ac. ±	40.799 Ac. ±
AREA OF ROAD R/W	0.764 Ac. ±	0.748 Ac. ±	1.512 Ac. ±
AREA OF LAND DEDICATED TO HOWARD COUNTY MARYLAND FOR PURPOSE OF A PUBLIC ROAD	0.282 Ac. ±	--	0.282 Ac. ±
TOTAL AREA OF SECTION 2	21.521 Ac. ±	21.072 Ac. ±	42.593 Ac. ±

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

I, CHARLES J. KARFONTA, AND IN CONSIDERATION OF THE BUILDING RESTRICTION LINES AND

2

To Health Dept.

- EXPERIENCE
- NEW HOMES
- QUALITY

HENLINE CONSTRUCTION

4010 ROBIN HOOD WAY
SYKESVILLE, MD. 21784

TONY HENLINE

781-4890

ELEVATIONS (All ELEVATIONS ASSUMED)

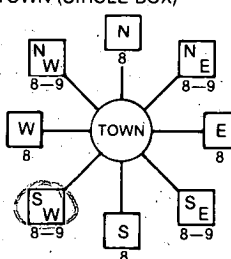
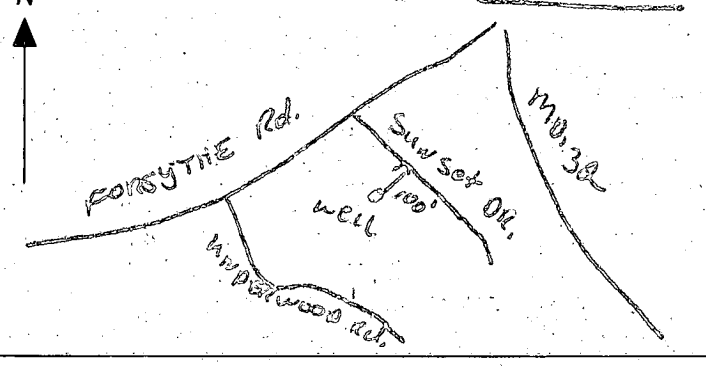
1. WELL - 450.0
2. HOUSE - 1st Floor - 451.0
Basement - 442.0
3. INVERT - Elev. - 447.25'
(out of House)
4. INVERT - Elev. - 447.0'
Into Tank
INVERT out of Tank 446.75'
5. EXIST. Elev. of Tank - 449.25'
6. INLET Elev. of Trench - 443.0'
EXIST. Elev. 447.50'
Time of Per. Test. 447.50'

11/14/84

Elevations O.K.

trenches must be installed
on level ground.

J. Shinn

B 1 2956 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)	SEQUENCE NO. (OEP USE ONLY)	STATE OF MARYLAND PERMIT TO DRILL WELL please print or type	OEP PERMIT NUMBER 40-81-0671 fill in this form completely
Date Received <u>8/24/84 - 1:30 AM</u> OWNER INFORMATION CONOLLEY WALTER 15 Last Name Owner First Name 5802 HANNA RD 36 Street or RFD ELDOERSBURG MD 21784 57 Town 70 State 72 Zip 76		B 3 LOCATION OF WELL HOWARD 8 COUNTY 21 SUNSET VALLEY 23 SUBDIVISION 42 SECTION 2 LOT 10 44 46 48 50 SYKESVILLE 52 NEAREST TOWN 71 MILES FROM TOWN (enter 0 if in town) 3 MI 73 76 77 78	
DRILLER INFORMATION Driller's Name <u>Ralph Mayne</u> 273 77 License No. 80 Firm Name <u>Ralph Mayne (well Drilling)</u> Address <u>9120 Brown Church Rd. Mt Airy</u> Signature <u>Ralph Mayne</u> <u>8/19/84</u> Signature Date		B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  NEAR WHAT ROAD Sun Set Dr. 11 30 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) W S E NORTH WEST SOUTH EAST DISTANCE FROM ROAD 100 34 37 ENTER FT or MI Ft	
B 2 WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN.) 5 8 12 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500 14 20		NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL HOWARD COUNTY NAME A34112 COUNTY NO. OEP SIGNATURE _____ STATE HEALTH INSERT S 41 DATE ISSUED 08/13/84 <u>Chris Williams</u> <u>2/13/84</u> 43 48 CO SIGNATURE EXP. DATE NORTH GRID 549000 EAST GRID 0805000 50 55 57 63	
USE FOR WATER (CIRCLE APPROPRIATE BOX) ☒ HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY) ☐ FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) ☐ INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT) ☐ PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL) ☐ TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)		SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X SOURCES OF DRILLING WATER 1. well 2. 3. WRITE THE BOX NUMBER FROM THE MAP HERE 800 3 540 49 000 000	
APPROXIMATE DEPTH OF WELL 150 FEET 24 28 APPROXIMATE DIAMETER OF WELL <u>6"</u> NEAREST INCH		DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION 	
METHOD OF DRILLING (circle one) BORED (or Augered) <u>JETTED</u> Jetted & <u>DRIVEN</u> 30 37 AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary) CABLE REVERSE-ROTARY DRIVE-POINT 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) 41 52	
Not to be filled in by driller (OEP USE ONLY) APPROP. PERMIT NUMBER GAP 54 63 FORCE C WRITE INITIALS IN BOX PERMIT NO. 40-81-0671 67 68 70 71 72 73 74 75 76 77 78 79		SPECIAL CONDITIONS	

C13334

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.

COUNTY
NUMBERA 34112

DATE Received
8 13

DATE WELL COMPLETED
082484

Depth of Well
2216026
(TO NEAREST FOOT)

PERMIT NO.
FROM "PERMIT TO DRILL WELL"
40-81-0671

OWNER
KARFONTA CHAS.

STREET OR RFD
last namefirst name
SUNSET VALLEY DRIVETOWN SYKESVILLE

SUBDIVISION
SUNSET VALLEYSECTION 2LOT 10

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		Check if water bearing
	FROM	TO	
Top Soil	0	2	
Sandy	2	13	
Sand Stone	13	25	
Micka	25	30	
Sand Stone	30	40	✓
Micka	40	160	

GROUTING RECORD

WELL HAS BEEN GROUTED
(Circle Appropriate Box)
☒ Y ☐ N

TYPE OF GROUTING MATERIAL
CEMENT ☒ CM BENTONITE CLAY ☒ BC

NO. OF BAGS 45 46 NO. OF POUNDS 600 605

GALLONS OF WATER 36

DEPTH OF GROUT SEAL (to nearest foot)
from 0 48 TOP 52 ft. to 22 54 BOTTOM 58 ft.
(enter 0 if from surface)

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 ☐ G 25
60 61 63 64 66 70

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

screen type
or open hole
insert
appropriate
code
below

SCREEN RECORD
☒ ST ☐ BR ☐ HO
STEEL BRASS OPEN
BRONZE HOLE
☒ PL ☐ OT
PLASTIC OTHER

C2

DEPTH (nearest ft.)
1 2
1 40 23 160
8 9 11 15 17 21
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
from to

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

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. 223
Ralph Mayne

DRILLERS SIGNATURE
(MUST MATCH SIGNATURE ON APPLICATION)
Ralph E. Mayne

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

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.) WQ
70 72 74 75 76
TELESCOPE LOG OTHER DATA
CASING INDICATOR

C3

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 33
WHEN PUMPING 33

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

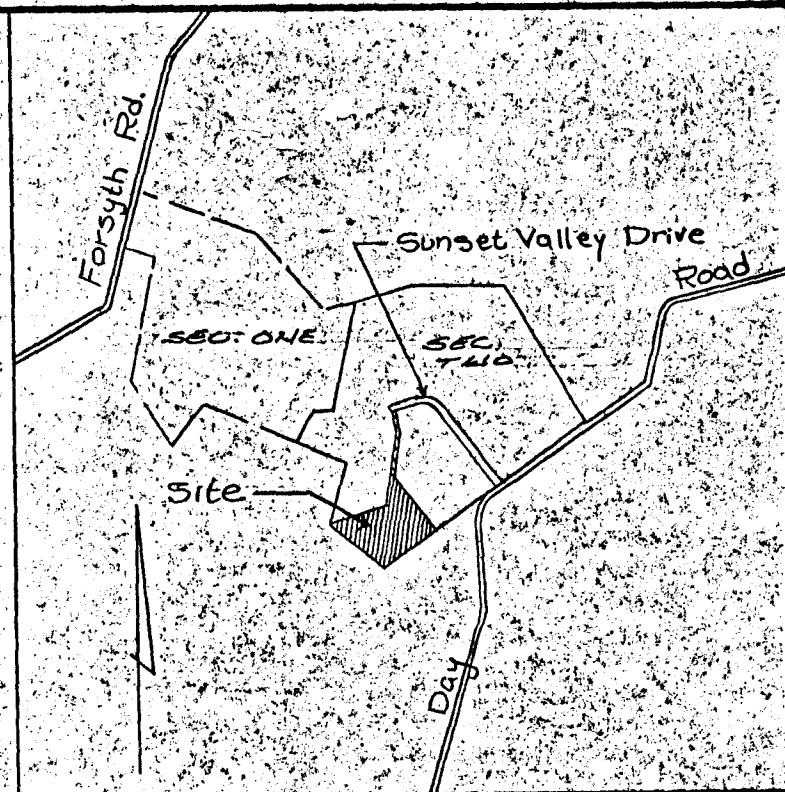
PUMP INSTALLED

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: 29

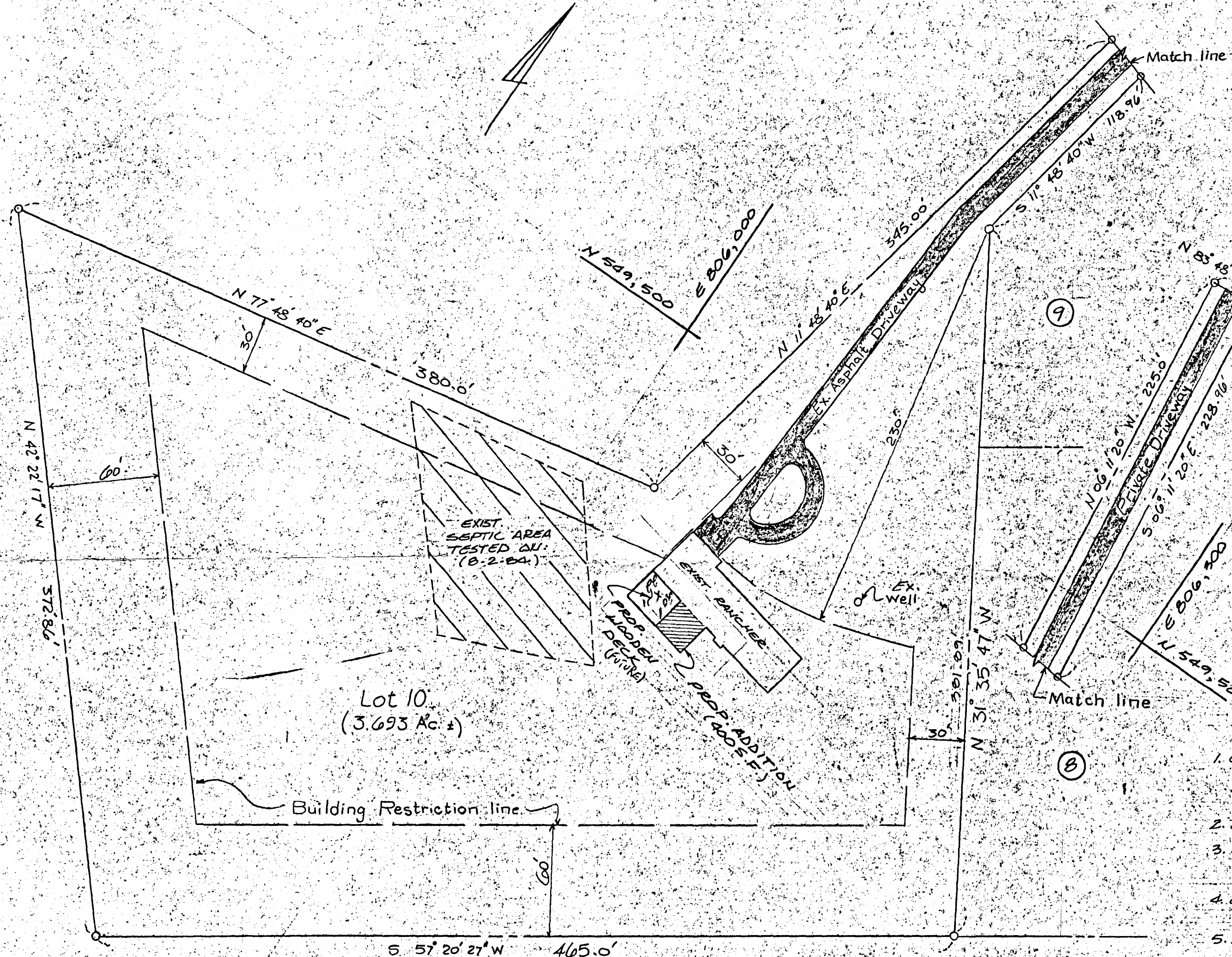
CAPACITY:
GALLONS PER MINUTE (to nearest gallon) 31 35
PUMP HORSE POWER 37 41
PUMP COLUMN LENGTH (nearest ft.) 43 47
CASING HEIGHT (circle appropriate box
and enter casing height)
+ above } LAND SURFACE 2 (nearest foot)
- below }

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)



VICINITY MAP

Scale 1" = 50'



Site Plan

Scale 1" = 50'

GENERAL NOTES

1. OWNER: WALTER & DIANE CONNOLLEY
1030 SUNSET VALLEY DRIVE
SKYESVILLE, MD. 21784
(301) 442-5877
2. DEED REF. 1129/1454
3. SUBDIVISION: SUNSET VALLEY
SECTION TWO
PLAT NOS. 5355/5356
4. UTILITIES: PRIVATE WELLS
PRIVATE SEPTIC
5. ZONED: 1" R

10/29/90

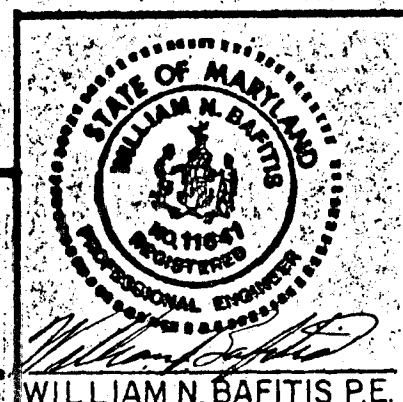
OK To sign
No problem RH

Proposed Addition
At
1030 Sunset Valley Dr.
Skyesville, MD. 21784

Tax Map #9 Parcel 36
3rd Elec. Dist. Howard Co., MD
Scale: 1" = 50' April 23/90
Sheet 1 of 3



William N. Baftis, P.E.
301-391-2336



Civil Engineers / Land Planners / Surveyors
1249 Engleberth Rd. Baltimore, Md. 21221

WILLIAM N. BAFITIS P.E.

20 ft open