

10/24/85
10/25/85 STATE

05-395968

approval
10/25/85
C. Williams

PERMIT

P 36/42
A 33793

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH

INDEXED

ELLICOTT CITY

DISTRICT 5th

461-9933

{ I.C.O.P.
Time expired }

DATE 10/24/85

Jack Ryock

IS PERMITTED TO INSTALL X ALTER

ADDRESS _____ PHONE 988-9270

SUBDIVISION Fox Hall Villas ROAD 13331 Triadelphia Mill LOT 3

PROPERTY OWNER William B. Sines

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 1250 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 220 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet ⁴/₅ 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. LOCATION: Start the first trench 190 feet from the front lot line and 85 feet from the right lot line as seen when facing the lot from Triadelphia Mill Road. Run trench(s) along level ground toward left 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. 01/85

PLANS APPROVED BY C. Williams DATE 10/22/85

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.

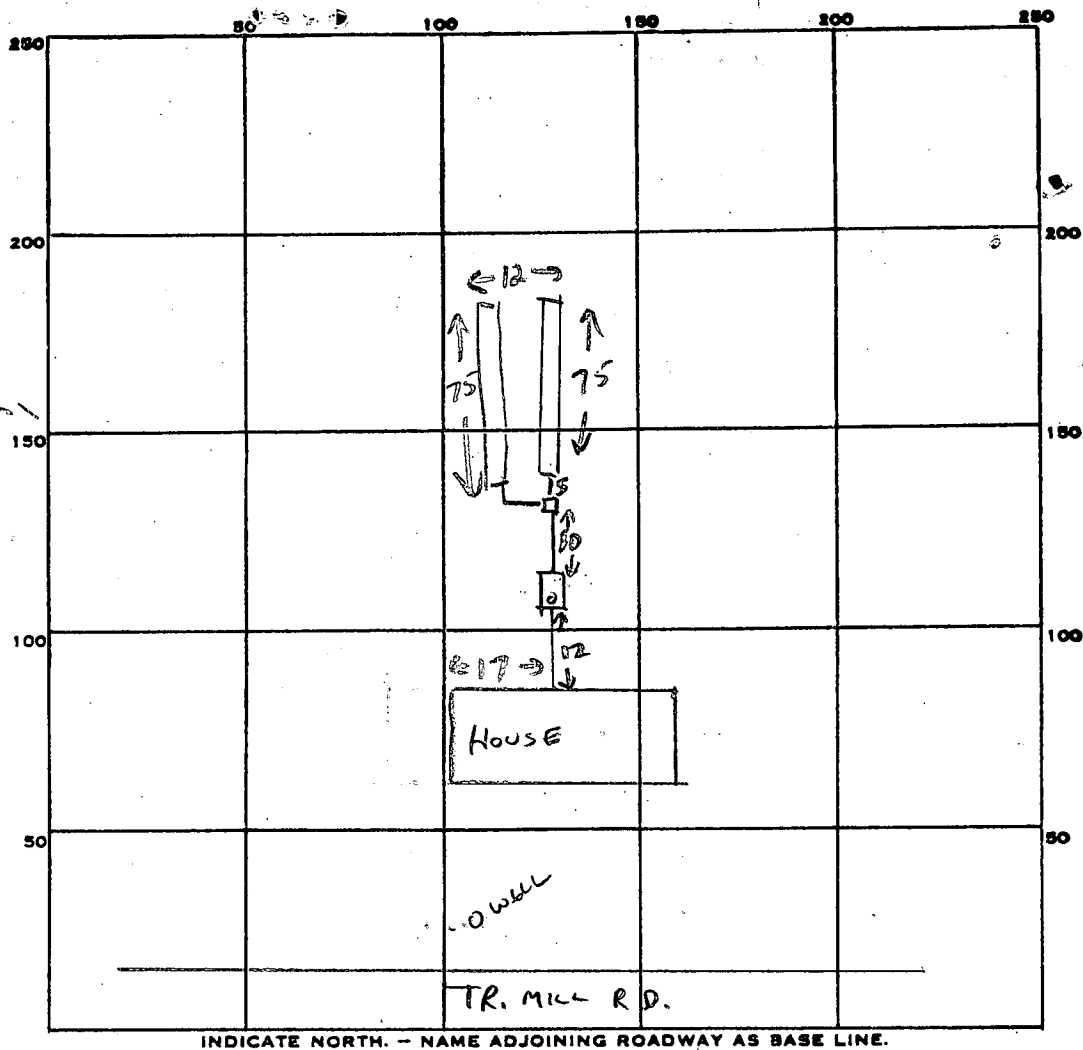
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA, OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APROVAL ON THIS PERMIT

*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

A 33793



PERMIT CARD ✓

SEPTIC TANK, LEVEL ✓

CLEANOUTS STV

DISTRIBUTION BOX, LEVEL ✓

TILE FIELD, DEPTH 10 FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 6 FT IN. TOTAL LENGTH 150 FT.

NUMBER OF TRENCHES 2 (75+75) ONE SIDEWALL TOTAL BOTTOM AREA 900

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

ABSORBENT AREA 900 SQ. FT.

REMARKS 10/24/85 1ST TRENCH OK TO FINISH ADDING GRAVEL AND COVER Cullen

10/25/85 2ND TRENCH OK TO COVER, CUL

DATE SYSTEM APPROVED 10/25/85

INSPECTOR Cullen

4
x 220
61800
140

SUBDIVISION: FOX HALL VILLASLOT NUMBER: 3DRY 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.

TRENCHES220 sq. ft./bedroomTrench to be 2 wide.Inlet 84 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 190' FROM THE
FRONT LOT LINE AND 85' FROM THE RIGHT LOT LINE
AS SEEN WHEN FACING THE LOT FROM TRIADELPHIA MILL RD.
RUN TRENCH(S) ALONG LEVEL GROUND TOWARD LEFT SIDE
OF PROPERTY.

8/16/85 CW

HIGHWAY
D
E
HAW

APPLICATION

5/25/84 A.M.
9:30

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 33793

P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

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

DISTRICT 5

DATE 4-16-84

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 DAVID N. ELLIOTT William B. & Courtney Sines

ADDRESS 6581 COL. PIKE COL. MD PHONE 997-5833

PROPERTY LOCATION:

SUBDIVISION FOX HALL VILLAS LOT NO. 3

13331 ROAD AND DESCRIPTION TRIADAPHELPHIA MILL RD. + HIGHLAND RD.

13331 SOUTH EAST CORNER OF INTERSECTION

SIZE OF LOT 3 ACERS TYPE BLDG. RESIDENTIAL

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 David N. Elliott

APPROVED BY B. Hodges FOR dry well trench DATE 6/1/84

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS BH DATE 5/25/84

REASONS FOR REJECTION OR HOLDING 5/25/84 - slow perc BH & AD

6/1/84 - perc OK B.P. 66653

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 _____

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 33793

P _____

DISTRICT 5th

DATE 4/14/84

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 _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. _____

ROAD AND DESCRIPTION _____

SIZE OF LOT _____ TYPE BLDG. _____
(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 _____

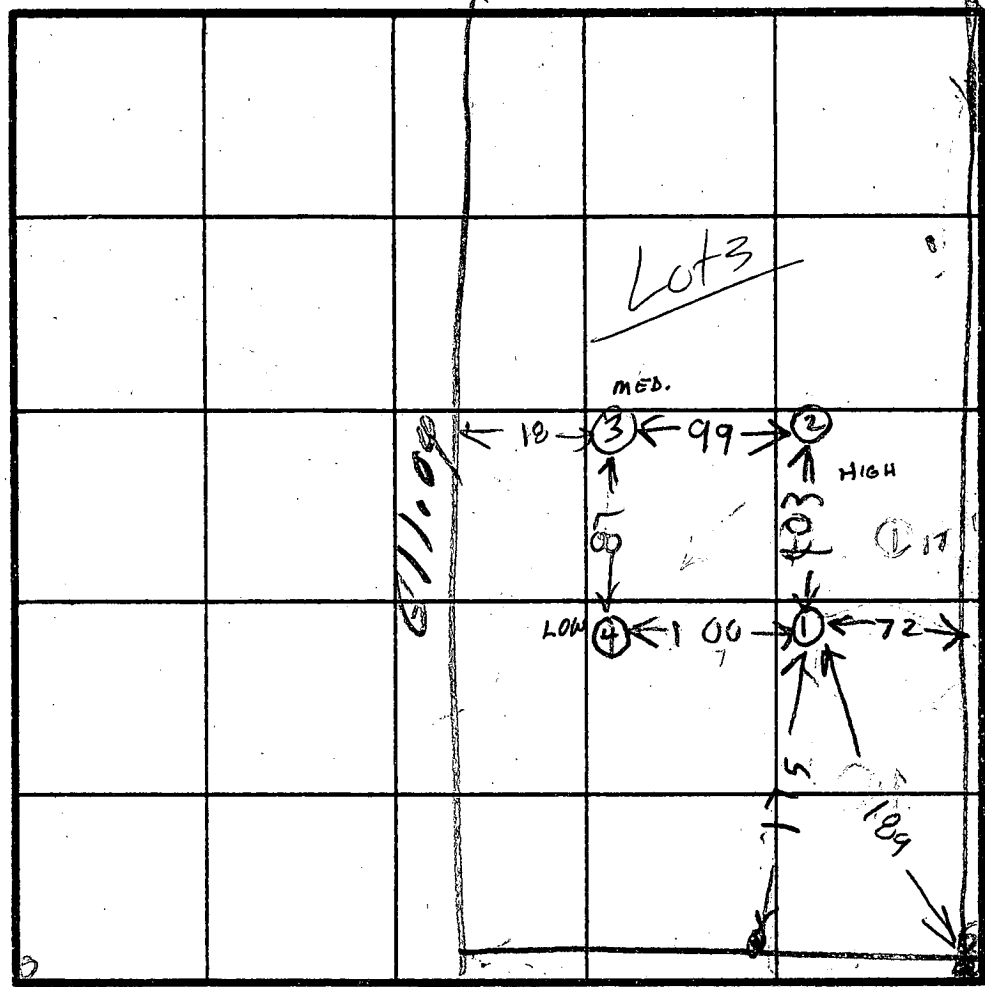
REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

2849

SOIL PROFILE

BROWN CLAY LOAM
PINK & BROWN SAND LOAM



HOLE
ELEVATION
② = HIGH
③ = MEDIUM
④ = LOW

CORNER STAKE

INDICATE NORTH NAME ADJOINING ROADWAY AS BASE LINE
TRIDE L P R I A MILL RD

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5/25/84	1 S	4 ft.	1:12	1:20	1:20	1:35	15
	1 D	11 ft.	1:15	1:36	1:36	1:52	16
5/25/84	2 S	4 ft.	1:17	1:47	Little Perc.		
	2 D	11.5 ft.	1:19	1:22	1:22	1:30	8
5/25/84	3 S	4 ft.	1:33	2:03	Little Perc		
	3 D	10.5 ft.	1:34	1:34	1:34	1:54	10
5/25/84	4 S	4 ft.	1:46	2:07	2:07	Little Perc	
	4 D	11 ft.	1:45	1:50	1:50	2:00	10
6/1/84	2 M	5 1/2	1:10	1:18	1:18	1:36	18
	2 V	14	LOOKS	OK	BELOW	5 FT	
	3 M	6	1:21	1:37	1:37	1:50	23
	3 V	14	LOOKS	OK	BELOW 6 FT		
6/1/84	4 M	5 1/2	1:33	1:44	1:44	1:55	11
	4 V	14	LOOKS	OK	BELOW 5 FT		

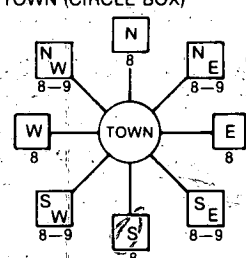
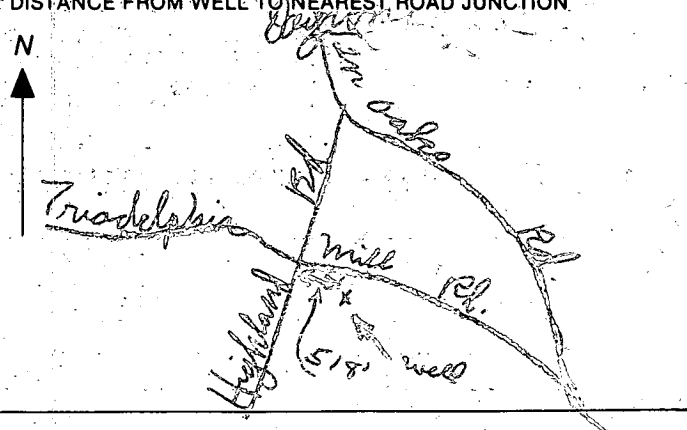
av
un
13
max
depth
5

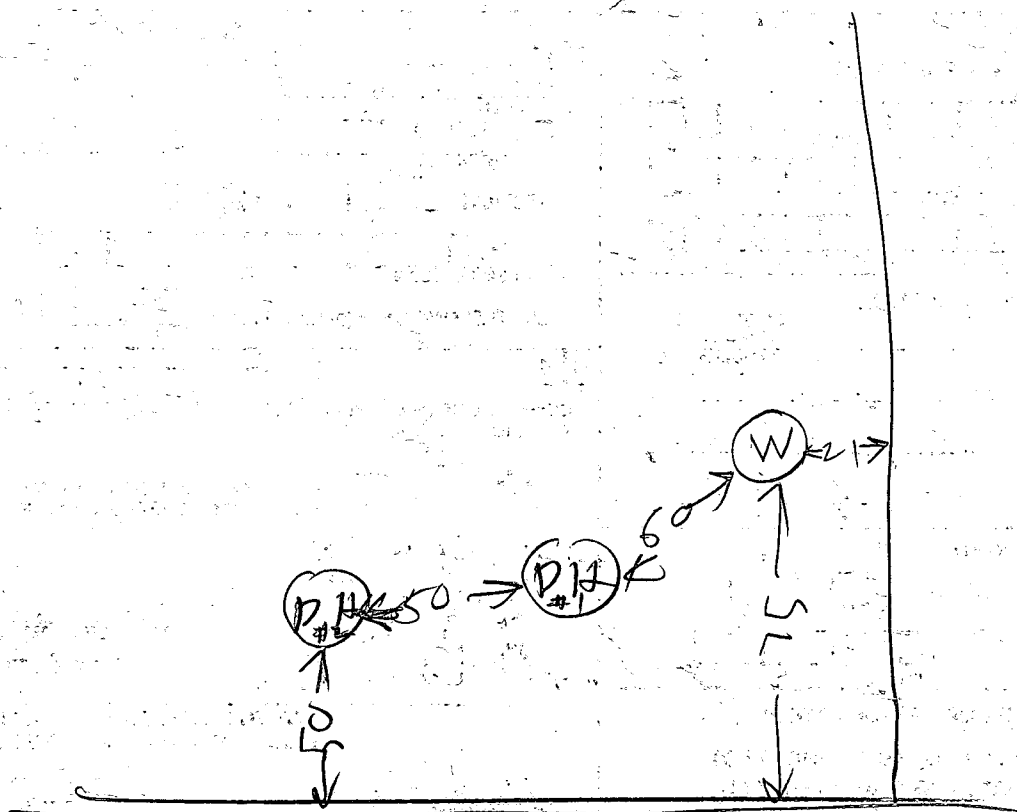
REMARKS 6/1/84 R. HODGES

TYPE OF SOIL RAY HODGES
TESTED BY ALAN JACOBSON

6/1/84 706
DAVE ELLIOTT & WIFE
MR SOUDER BACKING
ALSO PRESENT Dave Elliott

(2) BROWN CLAY
PINK BROWN SAND LOAM
(3) BROWN CLAY LOAM
BROWN & CLAY SAND
(4) BROWN CLAY LOAM
PINK SAND LOAM

B 1 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)	SEQUENCE NO. (OEP USE ONLY) 10004	STATE OF MARYLAND PERMIT TO DRILL WELL please print or type	OEP PERMIT NUMBER 40-81-1098 fill in this form completely
OWNER INFORMATION Date Received <u>8/8/85</u> <u>10:00 AM</u> 15 Last Name <u>SINCE</u> 34 Owner <u>WILLIAMS</u> First Name 36 Street or RFD <u>6617 WEAVER CT</u> 55 57 Town <u>LAUREL</u> 70 State 72 <u>MD</u> Zip 76 <u>20707</u>		LOCATION OF WELL 8 COUNTY <u>HOWARD</u> 21 23 SUBDIVISION <u>FOXHILL VILLAS</u> 42 SECTION <u>1</u> 44 46 LOT <u>3</u> 48 50 52 NEAREST TOWN <u>DAYTON</u> 71 MILES FROM TOWN (enter 0 if in town) <u>2 3/4</u> 73 76 77 78 <u>MI</u>	
DRILLER INFORMATION Driller's Name <u>Joseph L. Wayne</u> 77 License No. 80 <u>238</u> Firm Name <u>Joseph L. Wayne Well Drilling</u> Address <u>512 Ridge Rd. Mt. Airy, Md. 21111</u> Signature <u>Joseph L. Wayne</u> 7/8/85 Date		DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  NEAR WHAT ROAD <u>Triadelphia Mill Rd.</u> ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NORTH <input checked="" type="checkbox"/> WEST <input type="checkbox"/> EAST <input type="checkbox"/> SOUTH <input type="checkbox"/> 34 <u>30</u> 37 DISTANCE FROM ROAD ENTER FT or MI <u>FT</u> 38 39	
WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN.) <u>5</u> 8 12 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) <u>500</u> 14 20		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)	
APPROXIMATE DEPTH OF WELL <u>300</u> 24 28 FEET APPROXIMATE DIAMETER OF WELL <u>6</u> NEAREST INCH		NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL COUNTY NAME <u>HOWARD</u> COUNTY NO. <u>A33793</u> OEP SIGNATURE _____ STATE HEALTH INSERT S <input type="checkbox"/> DATE ISSUED <u>07/12/85</u> 43 48 CO SIGNATURE <u>Stacy</u> EXP. DATE <u>1/12/86</u> NORTH GRID <u>503000</u> 50 55 EAST GRID <u>0806000</u> 57 63	
METHOD OF DRILLING (circle one) BORED (or Augered) <input type="checkbox"/> JETTED <input type="checkbox"/> Jetted & DRIVEN <input type="checkbox"/> 30 AIR-ROTARY <input type="checkbox"/> AIR-PERCussion <input type="checkbox"/> ROTARY (Hydraulic Rotary) <input type="checkbox"/> 37 CABLE <input type="checkbox"/> REVERSE-ROTARY <input type="checkbox"/> Drive-POINT <input type="checkbox"/> other _____		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 <u>800 6</u> N <u>500 3</u> 000 000 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 39 <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) 41 _____ 52		Not to be filled in by driller (OEP USE ONLY) APPROP. PERMIT NUMBER _____ 54 63 FORCE <u>05</u> WRITE INITIALS IN BOX 67 68 PERMIT No. <u>40-81-1098</u> 70 71 72 73 74 75 76 77 78 79	
SPECIAL CONDITIONS			



- ① 40 FT PIPE
- ② 32 OPEN HOLE
- ③ 9 BAGS
- ④ 2 DRY HOLES SEALED EACH USING 4 BAGS

222

Page 7 of 1
Date August 8, 1988

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 21-1098
Location of property (road) Triadelphia Mill Road
Subdivision Foxhall Villas Lot 3 Block Plat Sec.
Well Driller Joseph Mayne Owner William B. Sines

Depth of well 325
Distance of measuring point (M.P.) above ground 1
Static water level (S.W.L.) below M.P. 41

High rate pumping -- reservoir drawdown

Time pump started 8:15 Pumping rate 12
Total time 30 MIN to reach pumping water level 200 ft. below M.P.

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

[illegible]

C1 2358 SEQUENCE NO. (OEP USE ONLY)

1 2 3 6
(THIS NUMBER IS TO BE PUNCHED
IN COLS. 3, 6 ON ALL CARDS)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 A33793
NUMBER

DATE Received

DATE WELL COMPLETED

Depth of Well

PERMIT NO.
FROM "PERMIT TO DRILL WELL"

8 13

15 20 080885

22 26 325 (TO NEAREST FOOT)

28 29 30 31 32 33 34 35 36 37 H0-81-1098

OWNER SINES, WILLIAM
STREET OR RFD last name first name TOWN DAYTON
SUBDIVISION FOXHALL VILLAS SECTION 1 LOT 3

WELL LOG

Not required for driven wells.

STATE THE KIND OF FORMATIONS
PENETRATED, THEIR COLOR, DEPTH,
THICKNESS AND IF WATER BEARINGDESCRIPTION (Use
additional sheets if needed) FEET
FROM TO Check
if water
bearingBROWN SHALE 0 37
GRAY MICHA ROCK 37 325
DRY WELLS: 1- 325'
2- 265'
FILLED IN WITH CEMENT +
DRILLING MATERIALS

GROUTING RECORD

WELL HAS BEEN GROUTED
(Circle Appropriate Box)

TYPE OF GROUTING MATERIAL

CEMENT CM BENTONITE CLAY BC

NO. OF BAGS 9 NO. OF POUNDS 816

GALLONS OF WATER 57

DEPTH OF GROUT SEAL (to nearest foot)

from 0 ft. to 32 ft.
(enter 0 if from surface)

CASING RECORD

casing
types
insert
appropriate
code
belowST CO
STEEL CONCRETE
PL OT
PLASTIC OTHERMAIN. Nominal diameter Total depth
CASING top (main) casing of main casing
TYPE (nearest inch) (nearest foot)

ST 6 40

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

SCREEN RECORD

screen type
or open holeinsert
appropriate
code
belowST BR HO
STEEL BRASS OPEN
PL BRONZE HOLE
PLASTIC OTHERC2
DEPTH (nearest ft.)
H0 39 325
EACH SCREEN
1 8 9 11 15 17 21
2 23 24 26 30 32 36
3 38 39 41 45 47 51SLOT SIZE 1 2 3
DIAMETER OF SCREEN (NEAREST INCH)
56 60GRAVEL 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 76TELESCOPE LOG OTHER DATA
CASING INDICATOR

C3

PUMPING TEST

HOURS PUMPED (nearest hour) 6

PUMPING RATE (gal. per min. to nearest gal.) 2

METHOD USED TO MEASURE PUMPING RATE bucket

WATER LEVEL (distance from land surface)

BEFORE PUMPING 41

WHEN PUMPING 204

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 USETYPE OF PUMP INSTALLED
PLACE (A,C,J,P,R,S,T,O)
IN BOX - SEE ABOVE: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 (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)DRY WELLS 325'
DRY WELLS 265'

HEALTH

STATE OF MARYLAND
DEPARTMENT OF HEALTH AND MENTAL HYGIENE
LABORATORIES ADMINISTRATION
REPORT OF WATER ANALYSIS

Bottle Number: 4974 Name: William Sines County: Harford

Source of Sample: TRIDENT MILL RD Street: TRIDENT MILL RD Town or City: TRIDENT Collector: HICKS

Sample Type (Circle): Community Source ☐ Non-Community Distribution ☐ Private MCL ☒ Emergency Recheck ☐ Routine ☐

Remarks: For Hall Villages

County: 11 Plant No.: 11 Sampling Station: 11 Date Collected: 8/16/85 Time: 11 A M Acid: ☐ Iced: ☒
Field Data: pH*: 7.0 Chlorine Residual: 0.5 Free: 0.5 Total: 0.5 Specific Conductance: 110

ANALYSIS	CODE	RESULTS	ANALYSIS	CODE	RESULTS
pH*	011	7.0	Arsenic	253	
Alkalinity (Total)	040		Barium	262	
Alkalinity (HCO ₃)	050		Cadmium	273	
Alkalinity (CO ₃)	060		Chromium	283	
pH*, Ca CO ₃ SAT.	071		Lead	302	
Alkalinity, Ca CO ₃ SAT	080		Mercury	314	
Hardness	110		Selenium	323	
Ammonia-N	143		Silver	333	
Nitrate-Nitrite N	162	26.0	Aluminum	192	
Nitrite N	173		Calcium	231	
MBAS	182		Copper	241	
Chloride	091		Iron	122	
Fluoride	101		Magnesium	241	
Color*	020		Manganese	133	
Turbidity*	031		Nickel	391	
Conductance*, SPEC.	201		Potassium	361	
Silica	210		Sodium	371	
Sulfate	220		Zinc	342	
Total Residue	381				

* Results reported in units, all others in milligrams per liter (ppm)
Date Received: AUG 12 1985 Date Reported: AUG 16 1985 Chemist: L. Solnick, Ph.D. Lab No.: 001829
DHMH 90-A 10/82 50M

Page 1 of 1
Date 8/8/85

Review OK 8/30/85 CW

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 81-1098
Location of property (road) Philadelphia Mill Rd.
Subdivision Hogback Villas Lot 3 Block Plat. Sec. I
Well Driller Joseph Mayne Owner Williams Sines

Depth of well 325'
Distance of measuring point (M.P.) above ground 1'
Static water level (S.W.L.) below M.P. 41'

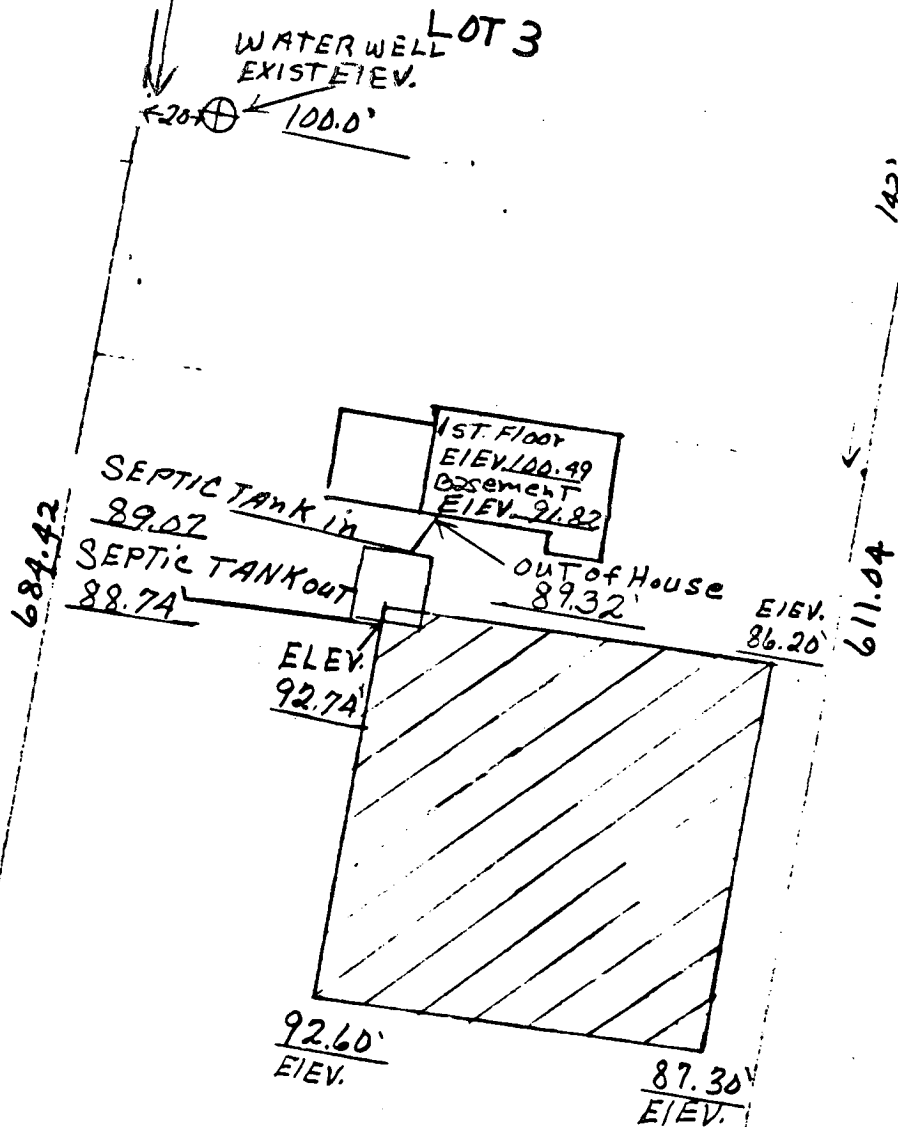
I. High rate pumping -- reservoir drawdown

Time pump started 8:15 Pumping rate 12 gph.
Total time 30 min. to reach pumping water level 200 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 4 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
8:30	118	5 sec.		12
8:45	200	5		12
9:00	200	30		2
9:15	198	30		2
9:30	199	26		2 1/4
9:45	203	30		2
10:00	203	30		2
10:15	203	30		2
10:30	203	30		2
10:45	203	30		2
11:00	203	30		2
11:15	204	30		2
11:30	204	30		2
11:45	204	30		2
12:00	203	30		2
12:15	203	30		2
12:30	203	30		2
12:45	202	30		2
1:00	202	30		2
1:15	202	30		2
1:30	202	30		2
1:45	202	30		2
2:00	202	30		2
2:15	202	30		2
2:30	202	30		2
2:45	202	30		2

TRIDELPHIA MILL ROAD



8/23/85
Sketch OK
F.S.

I CERTIFY THE ABOVE MEASUREMENTS AND ELEVATIONS ARE ACTUAL & CORRECT FOR THIS PROPERTY.

SIGNED: William B. Jones

FOX HALL VILLAS
SECTION 1
LOT 3
SCALE 1" = 50'

ALL ELEVATIONS ARE
RELATIVE

September 3, 1985

Mr. William B. Sines
6617 Weaver Court
Laurel, Maryland 20707

RE: Foxhall Villas - Lot 3, Sec. 1
Well Permit Number -
HO-81-1098

Dear Mr. Sines:

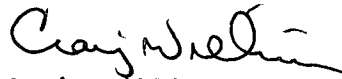
The water sample recently submitted for testing from the above referenced water supply revealed that nitrate-nitrogen was present at a concentration of 26.0pparts per million. COMAR 10.17.13.09 prohibits approval of any water supply with a nitrate-nitrogen contaminant level in excess of 10 parts per million.

This Department will grant a Permanent Deviation from that regulation if a nitrate removal device is installed that effectively maintains the nitrate-nitrogen contaminant level below the 10 parts per million requirements. Once this device is installed, it will be necessary for you to comply with the following conditions before a Final Certificate of Potability can be issued:

1. Within six months, you must have your water re-tested to insure that the installed nitrate removal system is operating properly. Thereafter a yearly nitrate analysis is recommended.
2. There must be a continuing service contract with a plumbing contractor or water treatment service company to maintain the efficiency of the nitrate removal device. You must supply this Department with a copy of that contract.
3. If in the future, you decide to sell or rent you home, you must make any potential buyer/tenant aware of the above condition.

If you have any questions relative to this matter, or if the device has been installed and you are ready for resampling, please call me at 461-9933.

Very truly yours,


Craig Williams, Director
Water and Sewerage Program

WPT 11/21/85

Howard County Health Dept.
P. O. Box 476
Ellicott City, Maryland 21043

WELL PUMP INSPECTION

Owner's Name: William B. Sines

Address: 13331 Triadelphia Rd

Clarksville md 2029

Location of Property:

Lot 3 Foxhall Villa

Triadelphia Mill Rd.

Plumber or Certified Pump Installer:

Chris W. Hafer

Phone Number: 253 - 4213

License Number: 7920

Well Tag Number:

HO-81-1098

Receipt Number: 36103

Date: 10/17/85

Comments: OK TO PROCEED w/ INSTALLATION S. AUEL

Inspection: 11/21/85 - NOT READY BUT WILL BE READY LATER

11/21/85 PM -

① PITLESS ROASTER OIL

② PIPE OIL

③ WIRES OIL

④ PART OF DITCH ONLY 2' DEEP BUT EXTRA FILL
TUBE PUT OVER TRENCH

⑤ PRESSURE TANK OK

Date Well Pump Inspection was approved:

Inspector:

11/21/85

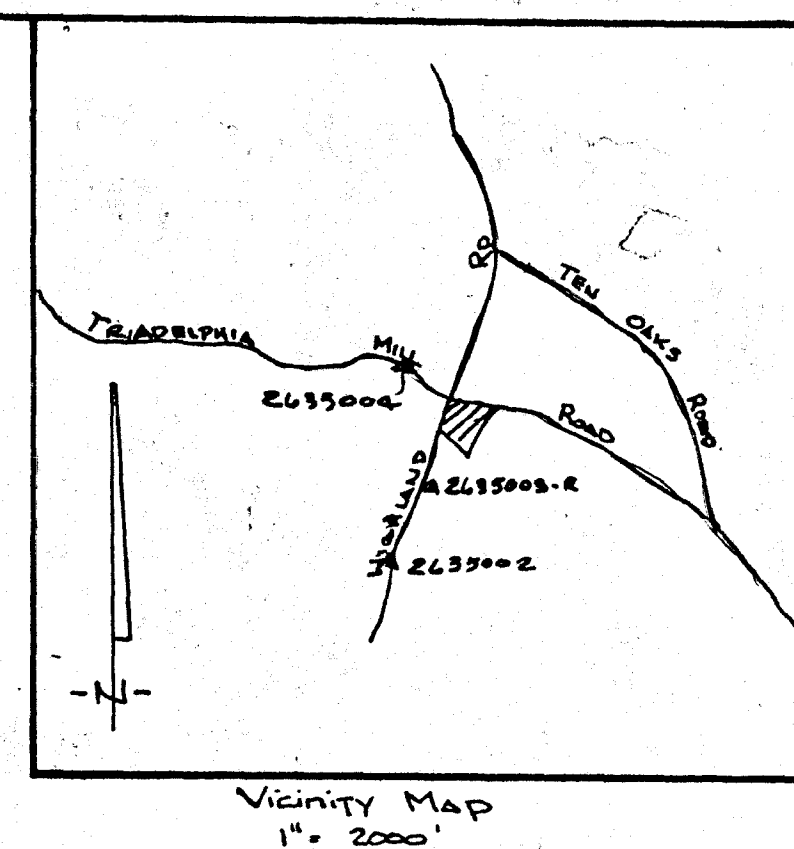
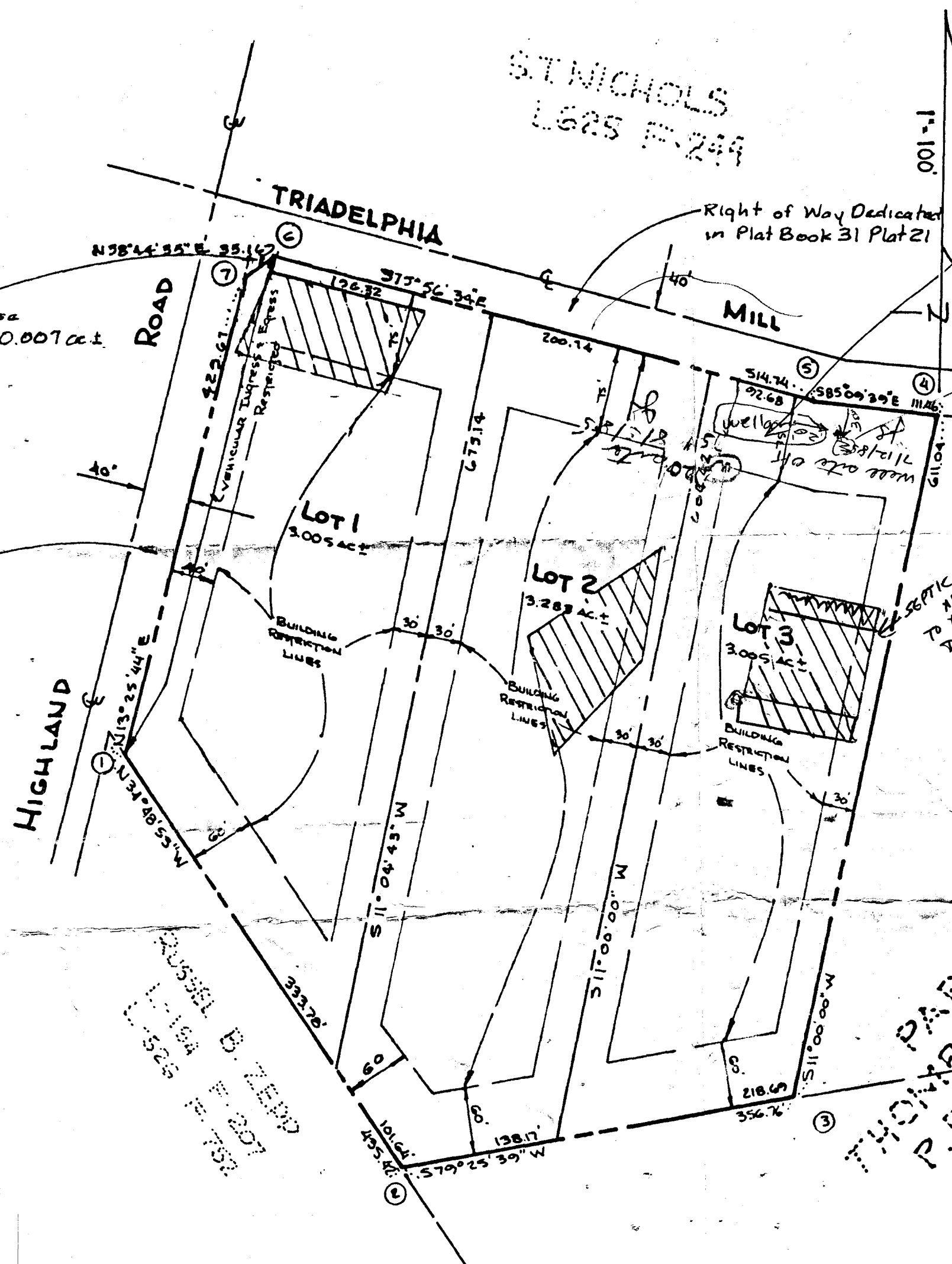
Raymond J. Hodges

Coordinates		
PT	NORTH	EAST
1	502823.116	806371.910
2	502415.697	806620.501
3	502541.113	806971.301
4	502140.926	807087.893
5	503150.329	806074.827
6	503269.283	806501.133
7	503231.032	806471.626

M.D. State Plane Coordinate System.

Land Dedicated to Howard County, Md. for the purpose of a Public Road - Area = 0.007 ac ±

Right of Way Dedicated in Plat Book 31 Plat 21



Notes:

- 1) Subject to Variance Petition 84-106
- 2) Existing Structure on Lot 1
- 3) Subject Property Zoned R1 per 10-3-77 Comprehensive Zoning Plan.
- 4) Areas denoted thus are sewerage disposal areas for private sewerage systems.

Total Number of lots - 3
Total area of lots - 9.293 ac ±
Total area of dedication - 0.009
Total area of Plat - 9.300 ac ±

Sta. 2635003-R

APPROVED: For private water and private sewerage systems.

Howard Co. Health Officer

DATE

APPROVED: Howard County Office of Planning and Zoning.

DIRECTOR

DATE

APPROVED: For private water and private sewerage systems.

OWNERS CERTIFICATE

We, David N. Elliott and Suzanne Elliott (his wife) 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 and under all roads and street rights 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 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 structure of any kind shall be erected on or over the said easements and rights of ways. Witness our hands this 17 day of May 1984.

SURVEYOR'S CERTIFICATE

I, here by certify that the Final Plat shown hereon is a subdivision of part of the Land obtained by David N. Elliott and Suzanne Elliott (his wife) from Earl L. Thompson and wife by a deed dated Dec. 8th, 1980, and recorded in Liber 1050 (Folio 0633) all references being to the Land Records of Howard County, Maryland, and that all monuments are in place as shown in accordance with the annotated Code of Maryland as amended.

6-12-84
DATE

Jack E. Clark
JACK E. CLARK
Registered Professional Land
Surveyor - Md. Registration #3379

FOXHALL VILLAS

SECTION 1
LOTS 1, 2, 3
A RESUBDIVISION OF PART OF
PARCELO
THOMPSON PROPERTY
HOWARD COUNTY, MD.
FIFTH ELECTION DISTRICT

Tax Map 34

PARCELO 350