

5/22/84
AM plan

05-395933

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

BUREAU OF ENVIRONMENTAL HEALTH
992-2330

P 33268

A 31757

Approved 5-22-84
Alan Jacobson

ELLICOTT CITY

DISTRICT 5th

INDEX

DATE 10/27/83

David N. Elliott

IS PERMITTED TO INSTALL ☒ ALTER

ADDRESS ☒ 6581 Columbia Pike, Columbia, Md. 21046 PHONE 997-5833

SUBDIVISION Fox Hall Villas ROAD 13351 Triadelphia Mill Rd LOT 1

PROPERTY OWNER David N. and Suzanne Elliott

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 1000 GALLONS NUMBER OF BEDROOMS 3

DRY WELL AND TRENCH - 144 square feet sidewall area per bedroom. Dry well inlet maximum to be 4 1/2 ft. below original grade and dry well bottom to be 10 feet below original grade. Place the dry well 100 feet from the center of Highland Road and 185 feet from the ~~center~~ center of Triadelphia Mill Road as seen when facing the lot from Highland Road. Add a trench off the dry well to make necessary additional absorbent area after a 5 ft. earth buffer. Ditch is to be 10 ft. deep below original grade, with inlet at 5 ft. below original grade and filled with 5 ft. of stone. Run ditch on level ground toward perc hole #8 which is located 50 ft. from the center of Highland Road and 180 ft. from the center of Triadelphia Mill Road as seen when facing the lot from Highland Road.

PLANS APPROVED BY Raymond Hodges DATE 12/23/81

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

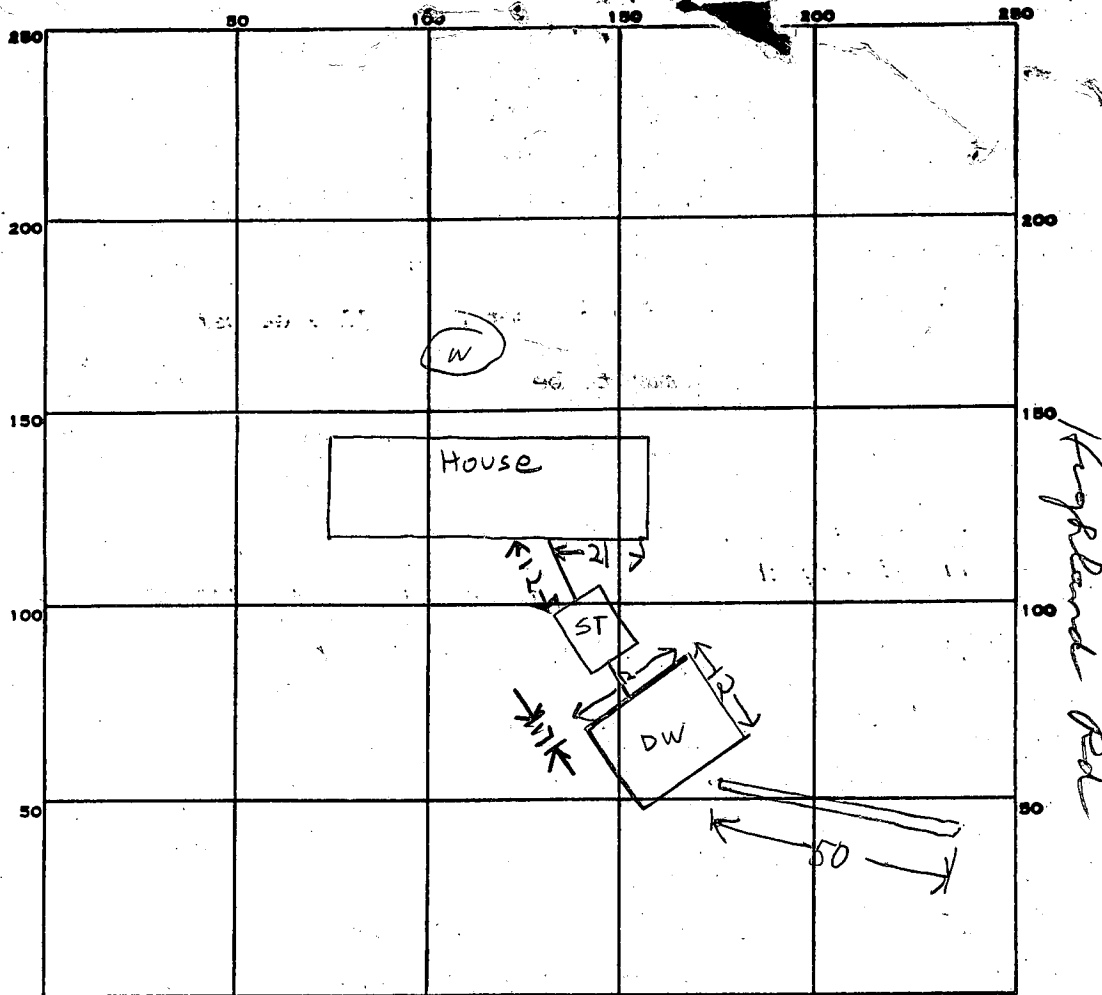
A 31757

4
48
5
240

250
240
490

144
432
416
144
432

4
48
45
240
192
216.00
200.00
416.00



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

Truadelpin Mill Rd

PERMIT CARD _____

SEPTIC TANK, LEVEL 1000 gal

CLEANOUTS DW ✓ ST ✓ Manhole ✓

DISTRIBUTION BOX, LEVEL _____

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

GRAVEL DEPTH 5ft IN TOTAL LENGTH 50 FT.

NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA _____

SEEPAGE PITS, INSIDE DIAMETER 48 FT. DEPTH BELOW INLET 6 FT.

ABSORBENT AREA 288 + 250 = 538 SQ. FT.

REMARKS 5/21/84 Pipe from house around 3ft deeper than
should be. 4 1/2 ft of stone is max. may be short
of sq. footage, check when stone is in pl
5/22/84 O.K. To cover all work

DATE SYSTEM APPROVED 5/22/84 INSPECTOR Alan Guden

DAVID & SUZANNE ELLIOTT

3 BEDROOMS - 1000 GALLON TANK

4 BEDROOMS - 1250 GALLON TANK

THOMPSON PROP
PARCEL D

TRENCH AND DRY WELL - 144 square foot sidewall area per bedroom. Dry well inlet maximum to be 4 1/2 feet below original grade and dry well bottom to be 10 feet below original grade. Place the dry well 100 feet from the CENTER OF HIGHLAND lot line and 185 feet from the CENTER OF

TRIDELPHIA MILL RD

lot line as seen when facing the lot from HIGHLAND road.

Add a trench off dry well to make necessary additional absorbent area after a 5 ft.

earth buffer. Ditch is to be 10 ft. deep below original grade, with inletat 5 ft. deep below original grade and filled with 5 ft. of stone.Run ditch on level ground toward perc hole # 8 which is located 50 ft.from the CENTER OF HIGHLAND lot line and 180 ft. from the CENTER OF TRIDELPHIA MILL RD lot line as seenwhen facing the lot from HIGHLAND road.

OR

3

3 BEDROOMS - 1000 GALLON TANK

4 BEDROOMS - 1250 GALLON TANK

DEEP TRENCHES - 174 sq. ft. one sidewall area per bedroom. Ditch is to be2 ft. wide, 10 ft. deep, with inlet at 4 1/2ft. below original grade and filled with 5 ft. of stone. Length of theditch deepens on the number of sq. ft. needed. Start the ditch at perc hole # 2and run it along level ground toward perc hole # 8. Perc hole # 2 is located185 ft. from the CENTER OF TRIDELPHIA MILL RD lot line and 100 ft. from the CENTER OFHIGHLAND lot line as seen when facing the lot from HIGHLAND road.Perc hole # 5 is located 180 ft. from the CENTER OF TRIDELPHIA MILL RD lot line and50 ft. from the CENTER OF HIGHLAND lot line as seen when facing the lot fromHIGHLAND road.

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

P. O. BOX 473, ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 992-2330

DISTRICT _____

DATE

BLDG. PERMIT SIGNED
AND RETURNED

Series No. 55890

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 + SUZANNE ELLIOTT 997-5833

ADDRESS 702 WOODWIND RD., CATOWSVILLE 21028 PHONE 788-6556
6581 Columbia Pike, Columbia, Md. 21046

PROPERTY LOCATION:
SUBDIVISION PARCEL D - THOMPSON PROPERTY PLAT BK. 31 - LIBER 1050
LOT NO. 633

ROAD AND DESCRIPTION 13351 TRIADDELPHIA MILL RD. - Southeast CORNER OF
Clarksville, Md. 21029
INTERSECTION RT. 216 HIGHLAND RD. + TRIADDELPHIA MILL.

SIZE OF LOT 62.57 ac. PARCEL TYPE BLDG. RESIDENCE - 4
(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.

David N. Elliott

(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING

11 DEC 81 DIG MORE SLOW SHELVES
& NOT 10000 SPT INSIDE OF PATTERN
PERC' OK Hold for 9 Elev Septic System Plan
No sub

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 _____

E0012 10/79

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

P. O. BOX 473, ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 992-2330

DISTRICT _____

DATE

A

31757

P

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. + SUZANNE ELLIOTT

ADDRESS

102 WOODWIND RD., CATONSVILLE 21228 PHONE 788-6556

PROPERTY LOCATION:

SUBDIVISION

PARCEL D - THOMSON PROPERTY LOT NO. PLAT BK. 31 - Folio 633 LIBER 1050

ROAD AND DESCRIPTION

13351 TRIADELPHIA MILL RD. - Southeast corner
INTERSECTION RT 216 - HIGHLAND RD + TRIADELPHIA MILL L

SIZE OF LOT

62.57 ac PARCEL

TYPE BLDG.

RESIDENCE - 4
(NUMBER OF BEDROOMS)

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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

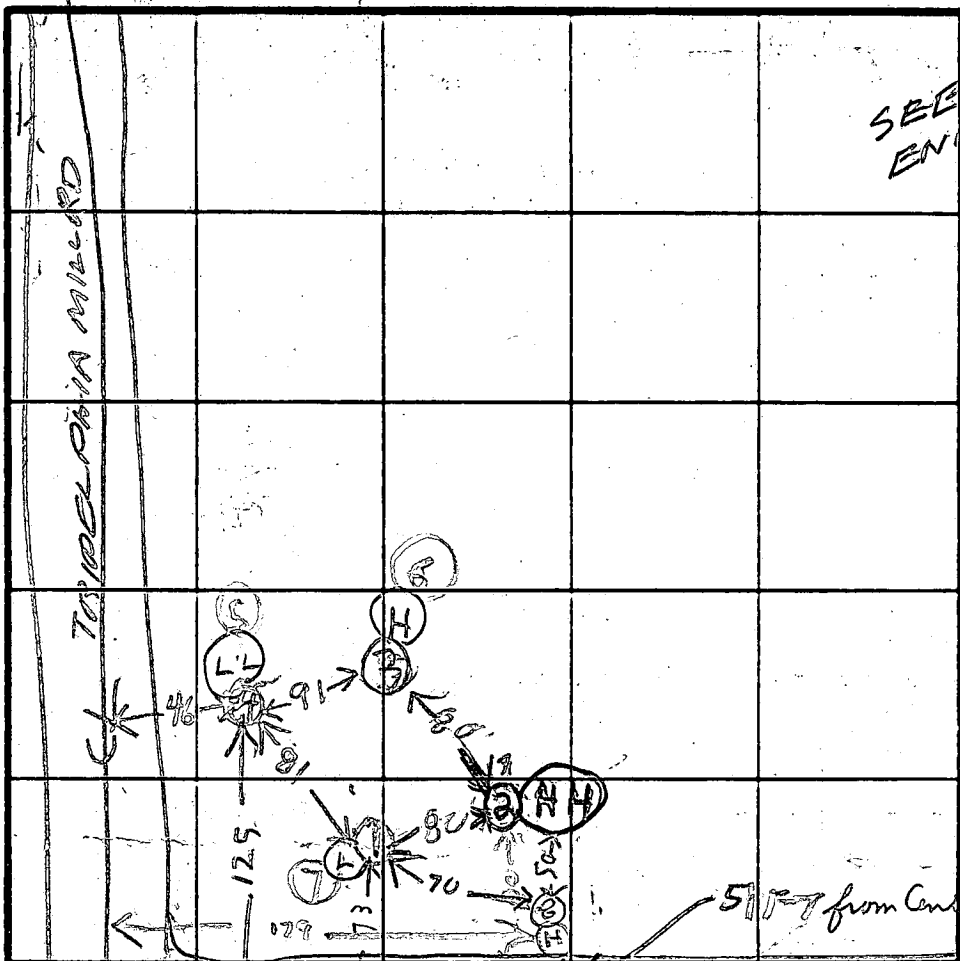
DATE

REASONS FOR REJECTION OR HOLDING

THIS IS NOT A PERMIT

46

SOIL PROFILE



SEE ENLARGED OR
SEE PLAT

Hole 22
(HH) = Highest
(H) = High
(L) = Low
(LL) = Lowest

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
12/11/81	1 S	4	1239	120	1239	120	SLON
	1 V	14 1/2	TOP	5 1/2 FT	CLAYISH		
			BOT	9 1/2 FT	SANDY SILT	DRY	
	2 S	5	1244	1252	1252	103	11
	2 V	14	TOP	4 FT	CLAYISH		
			BOT	10 FT	SANDY SILT	DRY	
	3 S	4 1/2	1249	120	1249	120	SLON
	3 V	14 1/2	TOP	6 FT	CLAYISH		
			BOT	8 1/2 FT	SANDY SILT	DRY	
	4 S	4	115	150	115	150	SLON
12/11/81	4 V	13 1/2	TOP	5 1/2 FT	CLAYISH		
			BOT	8 FT	SANDY SILT	DRY	
12/23/81	5 M	7 1/2	1004	1021	1021	1045	24
	6 M	7	1009	1018	1018	1040	24
	7 M	6	1013	1019	1019	1029	10
	8 S	5	1024	1030	1030	1040	10
12/23/81	3 V	3	TOP	4 FT	CLAY		
			BOT	4 FT	SANDY		

REMARKS

TYPE OF SOIL

12/23/81

R. HODGES

DAVID ELLIOT OWNER

FRANK REBBAS DUGANEE

ALSO PRESENT

EH 12 1079

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

P. O. BOX 473 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 992-2330

DISTRICT _____

DATE 12-10-81

A 31757
P _____

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. + SUZANNE ELLIOTT

ADDRESS

102 WOODWIND RD., CATONSVILLE, 21228 PHONE 788-6556

PROPERTY LOCATION:

SUBDIVISION

PARCEL D - THOMPSON PROPERTY

LOT NO.

PLAT BK 31 - Folio 633 ^{LIBER 1050}

ROAD AND DESCRIPTION

13351 TRIADELPHIA MILL RD. - South east
CORNER of 216-HIGHLAND RD. & TRIADELPHIA MILL.

SIZE OF LOT

62.57 ac PARCEL

TYPE BLDG.

RESIDENCE - 4
(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.

David N. Elliott
(SIGNATURE OF APPLICANT)

APPROVED BY _____

FOR _____

DATE _____

REJECTED BY _____

FOR _____

DATE _____

HOLD PENDING FURTHER TESTS _____

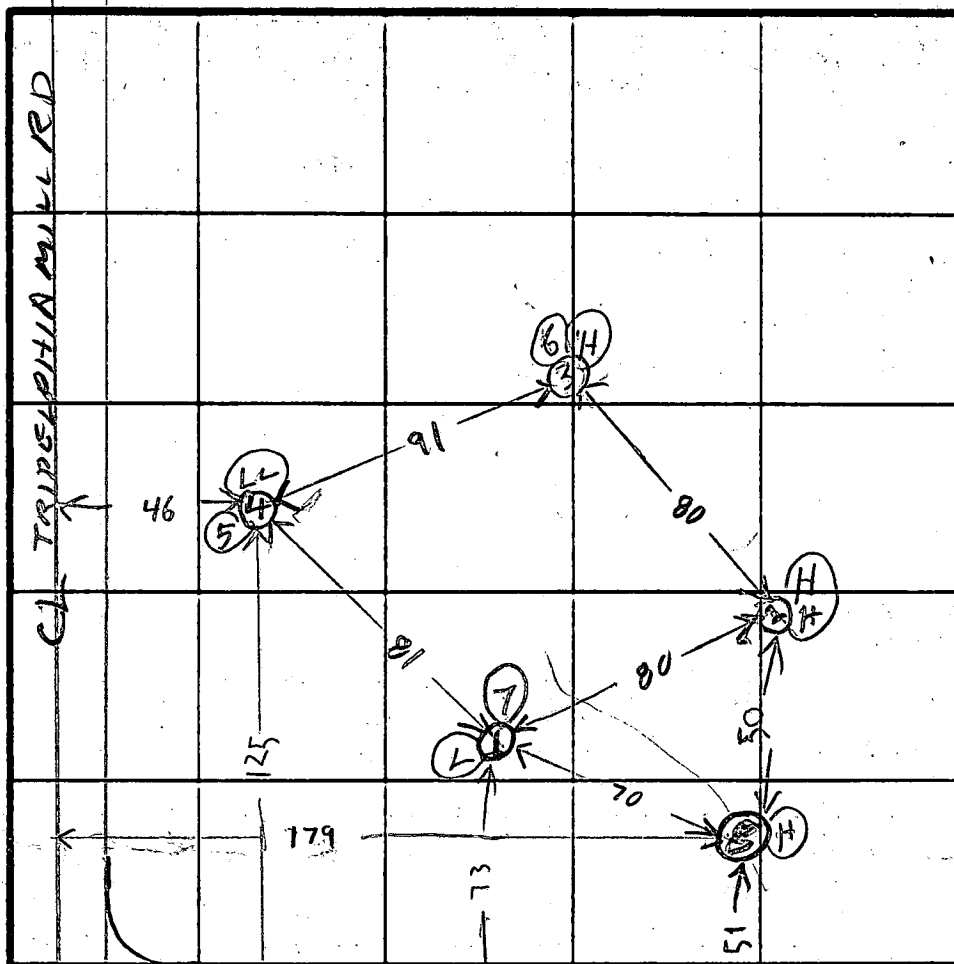
DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

Q

21 TRIPATHI MILL RD



ENLARGED
DRAWING

11250 F7

SEE PLAY
SEE OTHER
SHEET FOR
TIME

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

CIV HIGHLAND RD

[illegible]

REMARKS _____

TYPE OF SOIL _____

TESTED BY _____ ALSO PRESENT _____

44-121079

C14453SEQUENCE 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
NUMBERA 31757

DATE Received

DATE WELL COMPLETED092583

Depth of Well2216026
(TO NEAREST FOOT)

PERMIT NO.
FROM "PERMIT TO DRILL WELL"
40-81-0278

OWNERVilla Builders & DevelopmentDavid Elliott - owner

STREET OR RFDlast nameHighland Rd.first nameTOWNHighland

SUBDIVISIONFoxhall VillasSECTIONLOT1

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)FEETCheck if water bearing

FROMTO

Top Soil02

Sandy230

Sand Stone3045

Mic Ka4550

Sand Stone5055

Mic Ka55160

GROUTING RECORD

WELL HAS BEEN GROUTED
(Circle Appropriate Box)

TYPE OF GROUTING MATERIAL

CEMENTCMBENTONITE CLAYBC

NO. OF BAGS10NO. OF POUNDS1000

GALLONS OF WATER60

DEPTH OF GROUT SEAL (to nearest foot)

from0ft. to30ft.

TOP52BOTTOM58

(enter 0 if from surface)

CASING RECORD

casing types insert appropriate code below

STCOSTEEL CONCRETE

PLOTOPLASTIC OTHER

MAIN Nominal diameter Total depth

CASING top (main) casing of main casing

TYPE (nearest inch) (nearest foot)

PL648

60616364666770

OTHER CASING (if used)

diameter depth (feet)

inch from to

EACH CASING

screen type or open hole

insert appropriate code below

STBRHOSTEEL BRASS OPEN HOLE

PLOTOPLASTIC OTHER

C2

DEPTH (nearest ft.)

14046160

8911151721

EACH SCREEN

232426303236

383941454751

SLOT SIZE 123

DIAMETER OF SCREEN (NEAREST INCH)

5660

from to

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

7072747576

TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST

HOURS PUMPED (nearest hour)6

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

METHOD USED TO MEASURE PUMPING RATEBucket

WATER LEVEL (distance from land surface)

BEFORE PUMPING38

1720

WHEN PUMPING160

2225

TYPE OF PUMP USED (for test)

AairPpistonTturbine

272727

CcentrifugalRrotaryOother (describe below)

272727

JjetSsubmersible

2727

PUMP INSTALLED

DRILLER WILL INSTALL PUMP YES (NO)

(CIRCLE) (YES or 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)

3135

PUMP HORSE POWER

3741

PUMP COLUMN LENGTH (nearest ft.)

4347

CASING HEIGHT (circle appropriate box and enter casing height)

+above- below

LAND SURFACE (nearest foot)

25051

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. 233

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

Ralph E. Wayne

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

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)

Road

140'

50'

well

Driveway

Page 1 of 1
Date 9/25/83

Review 11/23/83 Not 500g/2hr period
J.S.

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

443g if 2g/m even

38' more water depth
needed, 42.0

10 bags

Well Permit No. HO - 81-0278
Location of property (road) HIGHLAND RD.
Subdivision FOX HALL VILLAS Lot 1 Block 1 Plat 1 Sec. 1
Well Driller RALPH-MAYNE Owner VILLA Builders & Development

Depth of well 160 ft
Distance of measuring point (M.P.) above ground 2 ft
Static water level (S.W.L.) below M.P. 38 ft

I. High rate pumping -- reservoir drawdown

Time pump started 7:45 Pumping rate 9 G.P.M.
Total time 15 min to reach pumping water level 50 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 1 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
8:00	50 ft	30 sec	—	2 G.P.M.
8:15	50 ft	30 sec	—	2 G.P.M.
8:30	50 ft	30 sec	—	2 G.P.M.
8:45	50 ft	30 sec	—	2 G.P.M.
9:00	50 ft	30 sec	—	2 G.P.M.
9:15	50 ft	30 sec	—	2 G.P.M.
9:30	50 ft	30 sec	—	2 G.P.M.
9:45	50 ft	30 sec	—	2 G.P.M.
10:00	50 ft	30 sec	—	2 G.P.M.
10:15	50 ft	30 sec	—	2 G.P.M.
10:30	50 ft	30 sec	—	2 G.P.M.
10:45	50 ft	30 sec	—	2 G.P.M.
11:00	50 ft	30 sec	—	2 G.P.M.
11:15	50 ft	30 sec	—	2 G.P.M.
11:30	50 ft	30 sec	—	2 G.P.M.
11:45	50 ft	30 sec	—	2 G.P.M.
12:00	50 ft	30 sec	—	2 G.P.M.
12:15	50 ft	30 sec	—	2 G.P.M.
12:30	50 ft	30 sec	—	2 G.P.M.
12:45	50 ft	30 sec	—	2 G.P.M.
1:00	50 ft	30 sec	—	2 G.P.M.
1:15	50 ft	30 sec	—	2 G.P.M.
1:30	50 ft	30 sec	—	2 G.P.M.
1:45	50 ft	30 sec	—	2 G.P.M.
2:00	50 ft	30 sec	—	2 G.P.M.

B 1 <div style="border: 1px solid black; padding: 2px; display: inline-block;">6890</div>	SEQUENCE NO. (OEP USE ONLY) 9/26/83 9:30 A.M. please print or type	STATE OF MARYLAND PERMIT TO DRILL WELL	OEP PERMIT NUMBER <div style="border: 1px solid black; padding: 2px; display: inline-block;">40-81-0278</div>
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS) Date Received <div style="border: 1px solid black; padding: 2px; display: inline-block;">082383</div>		LOCATION OF WELL 1 2 <div style="border: 1px solid black; padding: 2px; display: inline-block;">HOWARD</div>	
OWNER INFORMATION 15 Last Name <div style="border: 1px solid black; padding: 2px; display: inline-block;">VILLA</div> 34 36 Street or RFD <div style="border: 1px solid black; padding: 2px; display: inline-block;">COLUMBIA PIKE</div> 55 57 Town <div style="border: 1px solid black; padding: 2px; display: inline-block;">MD 21098</div> 76		8 COUNTY <div style="border: 1px solid black; padding: 2px; display: inline-block;">FOX HALL VILLAS</div> 21 23 SUBDIVISION <div style="border: 1px solid black; padding: 2px; display: inline-block;">SECTION 11</div> 44 46 LOT <div style="border: 1px solid black; padding: 2px; display: inline-block;">ONE</div> 48 50 52 NEAREST TOWN <div style="border: 1px solid black; padding: 2px; display: inline-block;">HIGHLAND</div> 71 MILES FROM TOWN (enter 0 if in town) <div style="border: 1px solid black; padding: 2px; display: inline-block;">3</div> MI 73 76 77 78	
DRILLER INFORMATION Driller's Name <div style="border: 1px solid black; padding: 2px; display: inline-block;">Ralph Mayne</div> 77 License No. 80 <div style="border: 1px solid black; padding: 2px; display: inline-block;">223</div> Firm Name <div style="border: 1px solid black; padding: 2px; display: inline-block;">Ralph Mayne (well Drilling)</div> Address <div style="border: 1px solid black; padding: 2px; display: inline-block;">9120 Brown Church Rd. Mt. Airy</div> Signature <div style="border: 1px solid black; padding: 2px; display: inline-block;">Ralph Mayne 8/24/83</div> Date		B 4 1 2 DIRECTION OF WELL FROM TOWN (CIRCLE BOX) 8-9 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) 34 37 DISTANCE FROM ROAD <div style="border: 1px solid black; padding: 2px; display: inline-block;">140</div> ENTER FT or MI <div style="border: 1px solid black; padding: 2px; display: inline-block;">FT</div> 38 39	
B 2 WELL INFORMATION 1 2 APPROX. PUMPING RATE (GAL. PER MIN.) <div style="border: 1px solid black; padding: 2px; display: inline-block;">5</div> 8 12 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) <div style="border: 1px solid black; padding: 2px; display: inline-block;">500</div> 14 20		NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL HOWARD COUNTY NAME OEP SIGNATURE <div style="border: 1px solid black; padding: 2px; display: inline-block;">Frank Skum</div> DATE ISSUED <div style="border: 1px solid black; padding: 2px; display: inline-block;">092383</div> 43 48 CO SIGNATURE <div style="border: 1px solid black; padding: 2px; display: inline-block;">3/23/84</div> EXP. DATE NORTH GRID <div style="border: 1px solid black; padding: 2px; display: inline-block;">503000</div> 50 55 EAST GRID <div style="border: 1px solid black; padding: 2px; display: inline-block;">0806000</div> 57 63	
USE FOR WATER (CIRCLE APPROPRIATE BOX) <input checked="" type="radio"/> D HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY) <input type="radio"/> F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) <input type="radio"/> I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT) <input type="radio"/> P PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL) <input type="radio"/> T 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 <div style="border: 1px solid black; padding: 2px; display: inline-block;">8006</div> <div style="border: 1px solid black; padding: 2px; display: inline-block;">5003</div>	
APPROXIMATE DEPTH OF WELL <div style="border: 1px solid black; padding: 2px; display: inline-block;">150</div> FEET 24 28		APPROXIMATE DIAMETER OF WELL <div style="border: 1px solid black; padding: 2px; display: inline-block;">6</div> INCH 30 37 METHOD OF DRILLING (circle one) BORED (or Augered) <input checked="" type="radio"/> AIR-ROTary 30 37 JETTED <input type="radio"/> AIR-PERCussion <input type="radio"/> ROTARY (Hydraulic Rotary) CABLE <input type="radio"/> REVERSE-ROTary <input type="radio"/> Drive-POINT other _____	
REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX) <input checked="" type="radio"/> N THIS WELL WILL NOT REPLACE AN EXISTING WELL <input type="radio"/> Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED 39 <input type="radio"/> S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY <input type="radio"/> D THIS WELL WILL DEEPEMED AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) <div style="border: 1px solid black; padding: 2px; display: inline-block;">41</div> 52		DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION 	
Not to be filled in by driller (OEP USE ONLY) APPROX. PERMIT NUMBER <div style="border: 1px solid black; padding: 2px; display: inline-block;">G A P</div> 54 63 FORCE <div style="border: 1px solid black; padding: 2px; display: inline-block;">FS</div> WRITE INITIALS IN BOX 67 68 PERMIT No. <div style="border: 1px solid black; padding: 2px; display: inline-block;">40-81-0278</div> 70 71 72 73 74 75 76 77 78 79			
SPECIAL CONDITIONS			

Review H 9415

Page 2 of
Date 9/26/83

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 81-0278
Location of property (road) Highland & Tractylphia Mill Rd
Subdivision _____ Lot _____ Block _____ Plat _____ Sec. _____
Well Driller Ralph Thayne Owner Davis & Suzanne Elliott

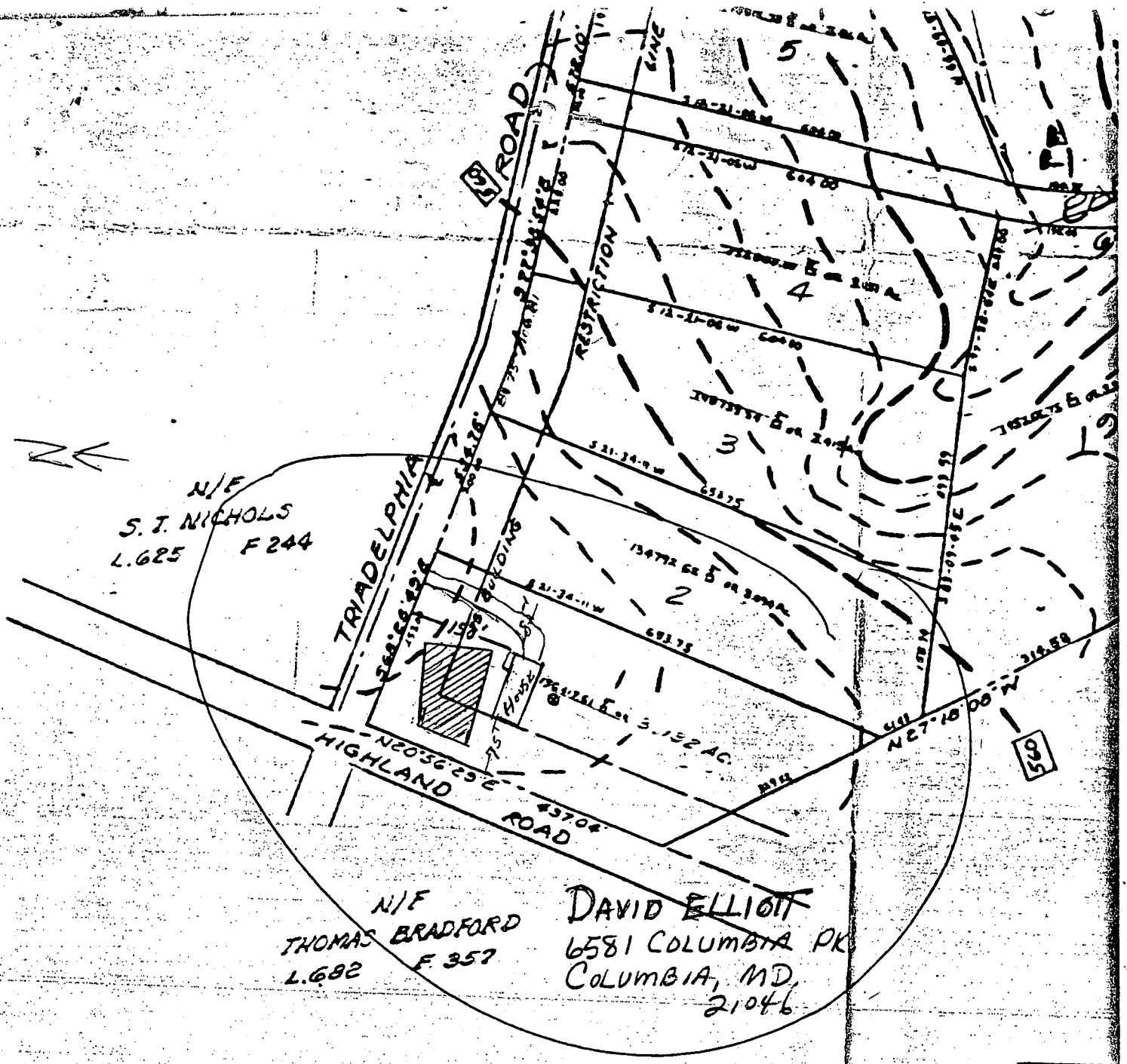
Depth of well 160'
Distance of measuring point (M.P.) above ground 2'
Static water level (S.W.L.) below M.P. 38'

I. High rate pumping -- reservoir drawdown

Time pump started 7:45 Pumping rate 9 GPM
Total time 15 min to reach pumping water level 50 ft. below M.P.

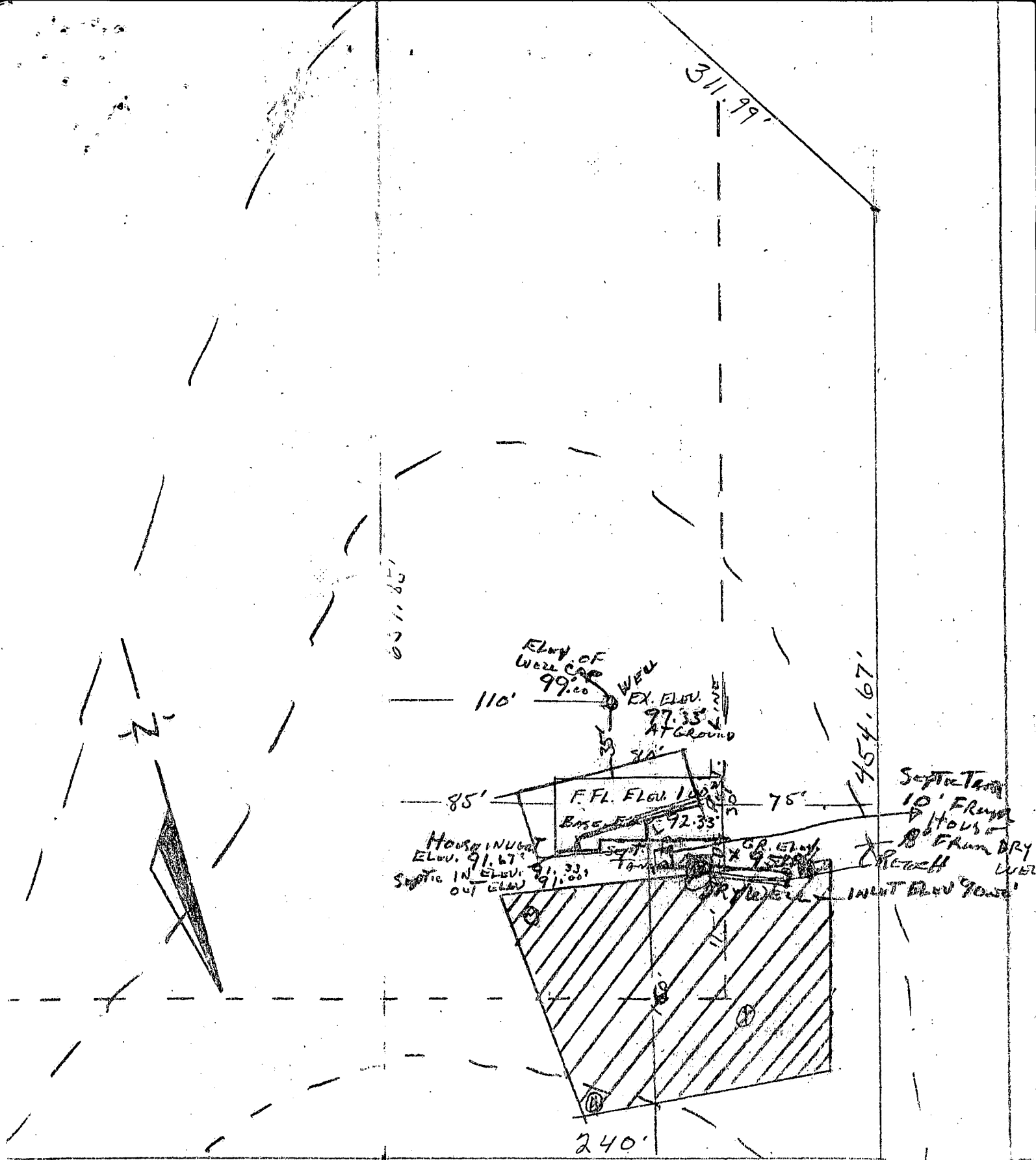
II. Recovery pump test data - observations to be recorded every 15 minutes

[illegible]



TOTAL NO. OF LOTS : 19
 TOTAL AREA OF PLAT : 62.57 ACRES
 AREA OF DEDICATION : 2.806 ACRES
 AREA OF LOTS : 59.76 ACRES

NO.	RA
1	598
2	646
3	900
4	850
5	600
6	650
7	30
8	30
9	50



10/11/83

Revised plans OK R/H

13351 TRIADDELPHIA MILL RD

62 ac lot

60' PER 1" SCALE

CERTIFY The above measure

& elevations are actual & correct for this property.
D.D. Elliott