

4/20/00 2-3pm C.O.

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 513390

A 50853-A

DISTRICT

DATE 4/17/2000

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

XXXXXX

410-313-2640

DATE SYSTEM APPROVED 5/4/00

INSPECTOR S.R.N.

INDEXED

Fogle's Septic Clean, Inc.

IS PERMITTED TO INSTALL ☒ ALTER

ADDRESS 580 Obrecht Road, Sykesville, MD 21784

PHONE 410-795-5670

SUBDIVISION Davis Property

LOT 3-A

ROAD 12840 Highland Road

PROPERTY OWNER William S. Bucco

ADDRESS

PUMPED SEPTIC SYSTEM PROPOSED

SEPTIC TANK CAPACITY 1250 GALLONS

INSTALL: - 1-1250 GALLON ~~TOP~~ PUMP CHAMBER

NUMBER OF BEDROOMS 4

NOTES: - Septic pump detail to be provided by installer prior to issuance of septic permit.

210 SQUARE FEET PER BEDROOM

- Pump performance test is necessary prior to Health Department approval of pumped septic system.

LINEAR FEET OF TRENCH REQUIRED 210

TRENCHES - Trench to be 2 feet wide. Inlet 4.5 feet below original grade. Bottom maximum depth 8.5 feet below original grade. Effective area begins at 4.5 feet below original grade. 4.0 feet of stone below distribution pipe.

LOCATION - Beginning from the intersection of the 459.28' and 399.07' lot lines, being trenches 115 feet down the 399.07' lot line and 40 feet off that same lot line. Run trenches on contour toward the 459.28' lot line.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK/MR

PLANS APPROVED BY Amy McMillen

DATE 6-30-1999

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: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS. 90° ELBOWS NOT ACCEPTABLE.

NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E. TANK, DISTRIBUTION BOX TRENCHES) TO BE 100 FEET FROM WELL (UNLESS OTHERWISE SPECIFICALLY AUTHORIZED)

NOTE: IF DEEP TRENCH(ES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(ES)

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 35/40 PVC OR ABS

PERMIT VOID AFTER TWO YEARS

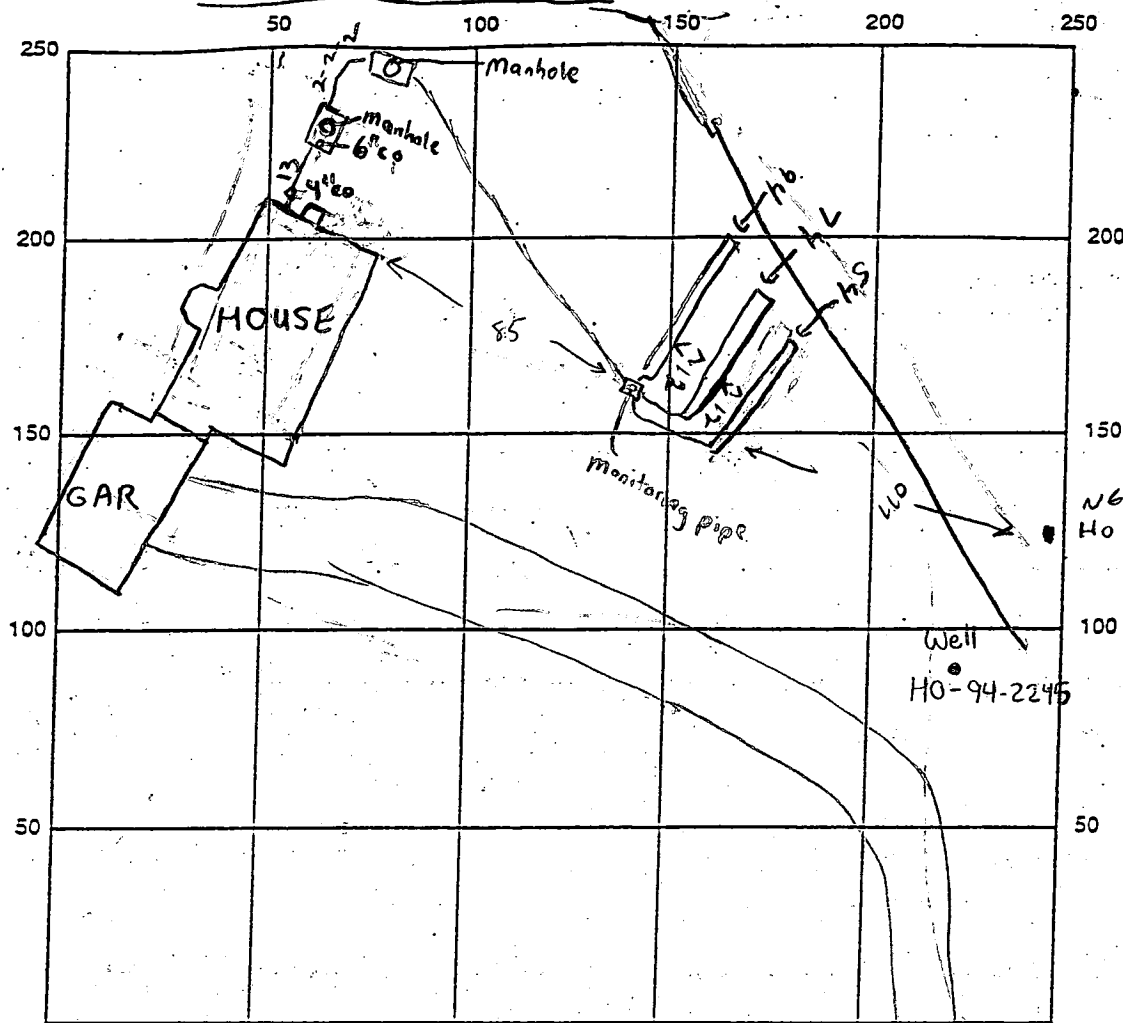
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON, CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.

NOT TO SCALE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE
HIGHLAND ROAD

SEPTIC TANK LEVEL ☒ 1250 gallon CLEANOUTS MANHOLE ON SEPTIC TANK & PUMP CHAMBER
DISTRIBUTION BOX LEVEL ☒ Monitoring pipe on DBOX
DRAIN FIELD/TILE DEPTH $8\frac{1}{2}$ FT. TRENCH WIDTH 2 FT. INLET DEPTH $4\frac{1}{2}$ FT.
EFFECTIVE GRAVEL DEPTH 4 FT. TOTAL LENGTH 212 FT.
NUMBER OF TRENCHES 3 ⁵⁴/₇₄ ONE SIDEWALL BOTTOM AREA 848 SQ. FT.
DRYWELL INSIDE DIAMETER N/A FT. EFFECTIVE DEPTH BELOW INLET N/A FT.
ABSORBENT AREA N/A SQ. FT.

REMARKS: HOUSE SEWER - SEPTIC TANK - PUMP PIT INSTALLED.

HEAVY RAIN IMMINENT - COVER ANY TRENCHES INSTALLED TODAY WITH OR WITHOUT INSP. 4/20/00 CW

2 TRENCHES COMPLETE, 3RD TRENCH IN PROGRESS - OK TO COVER TRENCHES 4/21/00 CW

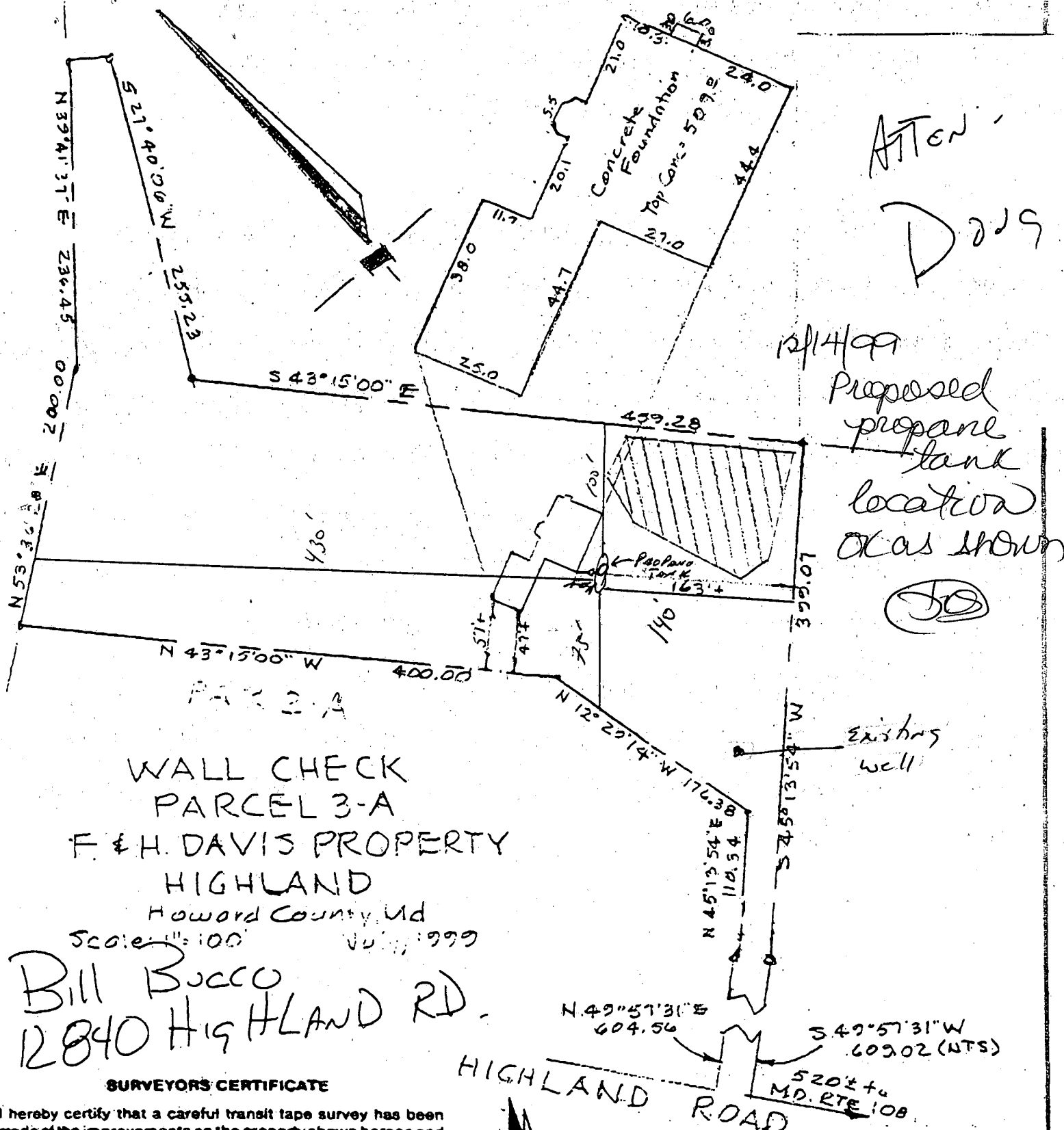
PUMP INSTALLATION/ PERFORMANCE TEST NEEDED FOR FINAL

5/4/00 - PUMP & ALARM OPERATIONAL (SRK)

DATE SYSTEM APPROVED 5/4/00

INSPECTOR Steven R. Krieg

Note: This is a building and improvement plat only and should not be used to establish property lines.



SURVEYORS CERTIFICATE

I hereby certify that a careful transit tape survey has been made of the improvements on the property shown hereon and that they are as shown and that there are no encroachments except as shown.

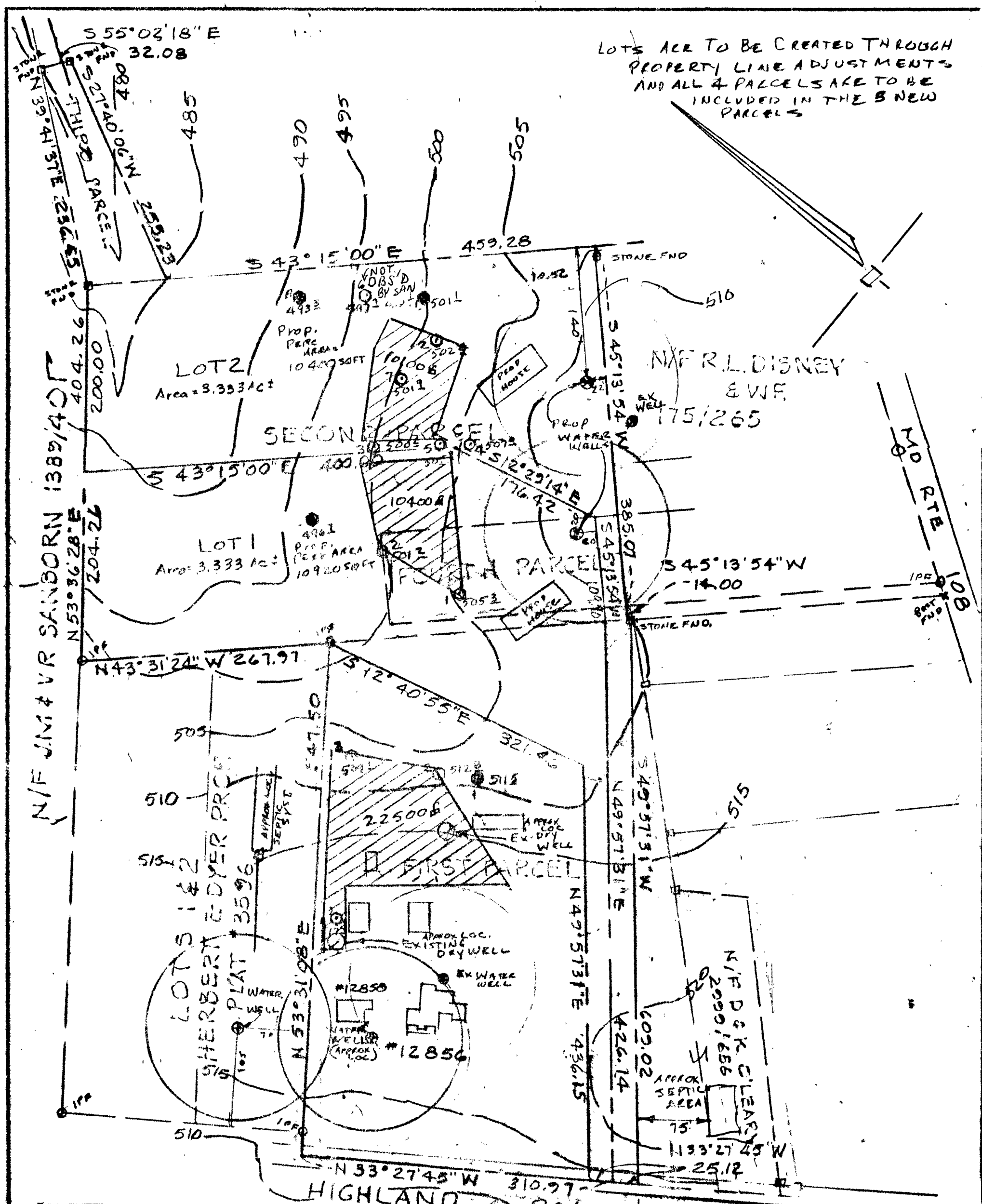
Land Surveyor



HIGHLAND ROAD

THE J. E. CLARK COMPANY
LAND SURVEYING ENGINEERING

P.O. BOX 147 - LAUREL, MARYLAND 20707



LOTS ARE TO BE CREATED THROUGH
PROPERTY LINE ADJUSTMENTS
AND ALL 4 PARCELS ARE TO BE
INCLUDED IN THE 3 NEW
PARCELS

THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF 10,000 SQ. FT. AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWER IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A MODIFIED SEWAGE EASEMENT PLAT SHALL NOT BE NECESSARY.

DESIGNATES PERC HOLES WHICH PASSED
DESIGNATES PERC HOLES NOT TESTED OR WHICH FAILED
THERE ARE NO WELLS OR SEPTIC PIPES WITHIN 100 FT. OF THE PROPERTY SEWER HOLE EXCEPT AS SHOWN

APPROVED: For Private Water & Private Sewer Systems
Joyce M. Boydland
HOWARD COUNTY HEALTH OFFICER

Rev. to Health Dept.
Repts. 1-15-96



PERC PLAT
F. & H. DAVIS PROPERTY
HIGHLAND
Howard County, Md
Nov, 1995
Scale: 1"=100'
L-367 F-346
TOPO IS APPROXIMATELY HOWARD CO. DATUM
PREPARED BY:
THE J.E. CLARK COMPANY
LAND SURVEYING AND ENGINEERING
P.O. BOX 147 LAUREL, MARYLAND 20725
(301) 725 3442

3/23/99
10:00
(sent)

APPLICATION

PERCOLATION TESTING

A 511436

P _____

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

DISTRICT _____

DATE 2/24/99

Proposal to
Relocate Approved
Septic Area for House
Site Purposes NR 2/26/99

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER William S Bucco

ADDRESS 5704 HIGHLAND ST NEW CARROLLTON, MD 20784, 301-345-3208

AGENT OR PROSPECTIVE BUYER SAME AS ABOVE

ADDRESS " " " PHONE _____

PROPERTY LOCATION:

SUBDIVISION HIGHLAND DAVIS PROPERTY LOT NO. Parcel 3-A

ROAD AND DESCRIPTION HIGHLAND RD #108 (12840 Highland Road)

ORIG. PERMIT SIGNED

TAX MAP 40 PARCEL # 46 BMA

SIZE OF LOT 3 1/2 ACRES TYPE BLDG. SINGLE FAMILY DWELLING - 4 BR
(SINGLE FAMILY DWELLING OR COMMERCIAL)

PAID RETURNED 6-30-99

Serial # B10118399

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. William A Bucco
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING _____

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # _____ DATE _____

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

A511436

COUNTY #

SOIL PROFILE

0' (1)
orge
brn
sicl

orge
brn
sisa
mica lm
10%
frags

13 3/4

(2)

1 1/2' brn
sicl lm

2 1/2'

orge
red 20%
cl frags

5 1/2'

tan
light gray
beige
sisa
mica lm
15% frags

13 1/2'

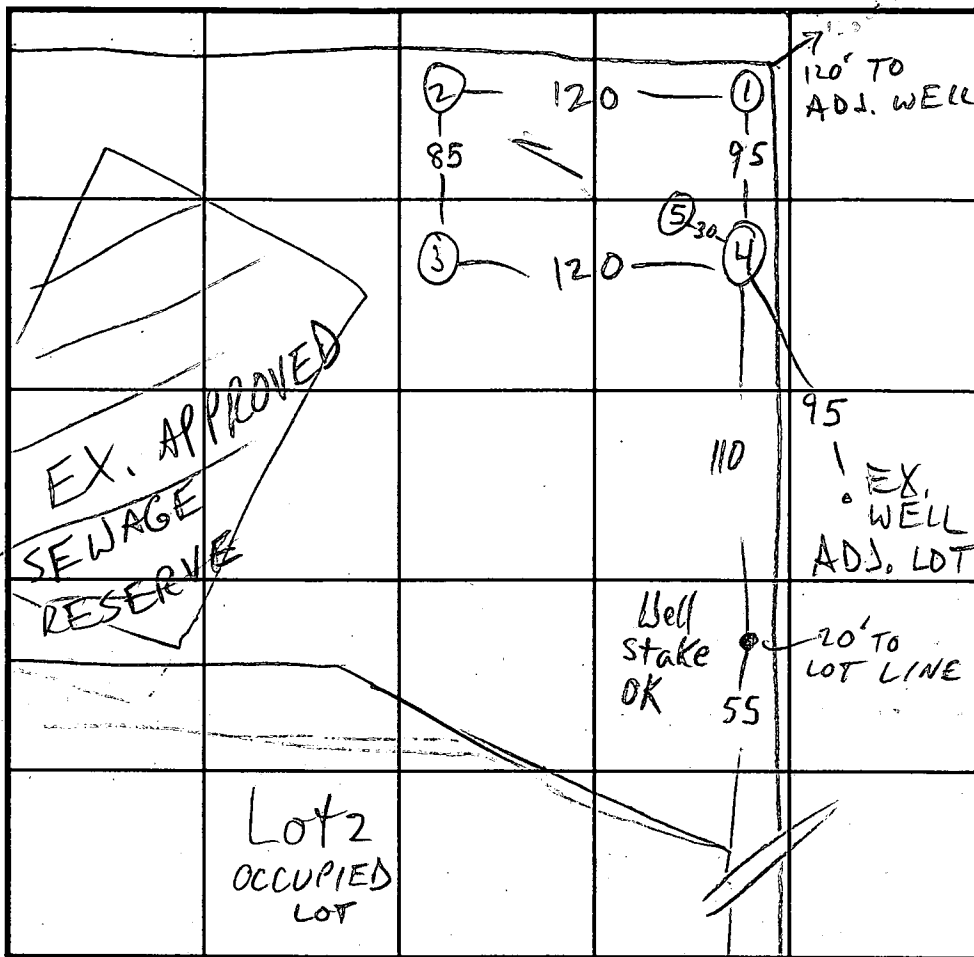
(3)

brn
orge
sacl lm

3 1/2'

beige
tan
sa
mica lm
40%
frags

13 1/2'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

0' (4)
orge
brn
sicl
lm

6 1/2' 7

orge
brn
sisa
10%
frags

13 3/4'

(5)

orge brn
cl lm

35% frags

brn sa lm
10% frags

4

5

5 1/2'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3/23/99	1 S	6'	10:15	10:22	10:22	10:33	11:55
	1 V	13 1/3"					
	2 S	5' 9"	10:31	10:39	10:39	10:50	11
	2 V	13 1/2"					
	3 S	4 1/2"	10:50	10:51	10:51	10:54	3
	3 V	13 1/2"					
	4 S	7	10:58	11:06	11:06	11:21	15
	4 V	13' 3"					
	5 S	6 1/2"	11:26	11:27	11:27	11:30	3

REMARKS HOLE (4) OK FOR PATTERN, BUT DEEP CLAY

TYPE OF SOIL

TESTED BY M. RIFKIN

ALSO PRESENT Owner, Fyack crew

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 8 1/2

TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT./BEDROOM 210

APPLICATION

PERCOLATION TESTING

A 50853A
P _____

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

DISTRICT _____

DATE 9-1-95

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Fred E. and Hazel S. Davis

ADDRESS 12856 Highland Rd PHONE 301-854-2431

AGENT OR PROSPECTIVE BUYER Fred E. Davis

ADDRESS (as above) PHONE _____

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. X now 3A

ROAD AND DESCRIPTION Highland Road - 200 feet W. of Rt 108

TAX MAP 40 PARCEL # 46

SIZE OF LOT 3ec TYPE BLDG. Single Family
(SINGLE FAMILY DWELLING OR COMMERCIAL)

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. Fred E. Davis
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING HOLD FOR PLAT, PERC OR MR 10/23/95

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # _____ DATE _____

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

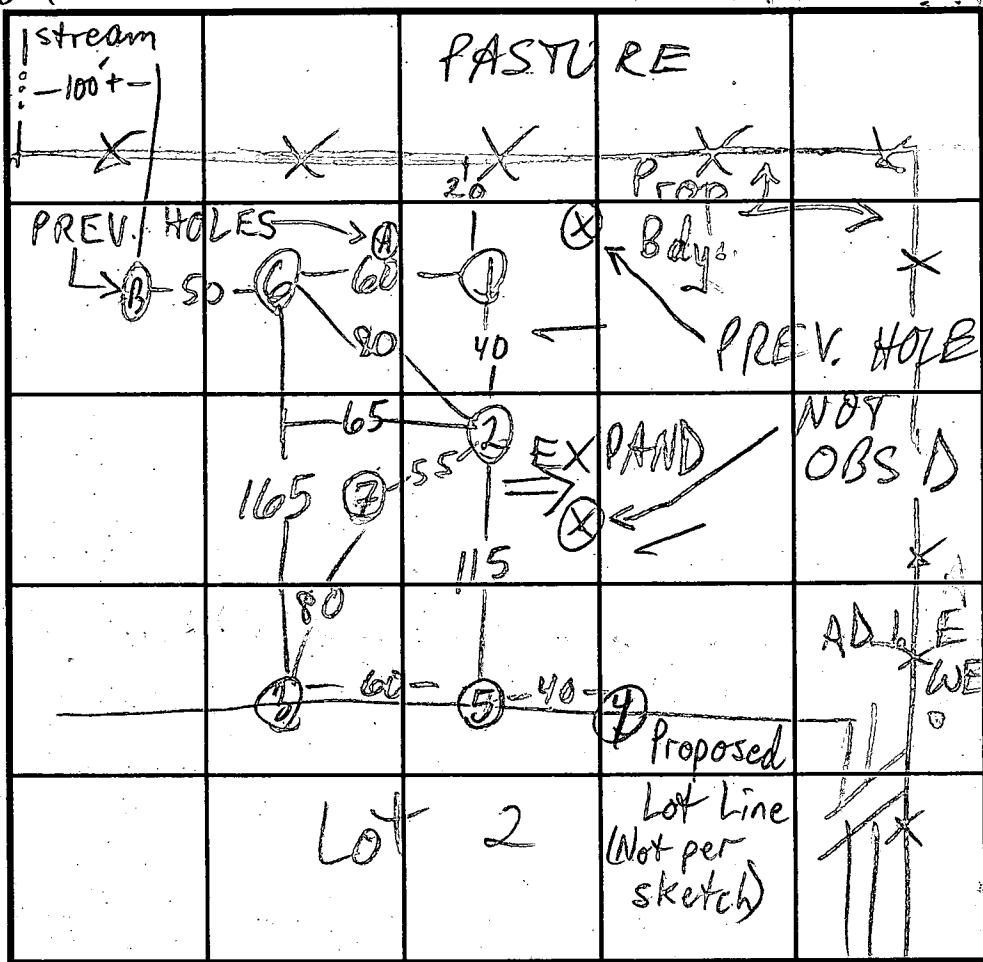
A50853 A Lot 1

COUNTY #

SOIL PROFILE

0' red brn
cl lm
20% large frags
6 1/2' beige gray sand
10% frags
11 1/2'

2' - 6' org brn cl lm
1/2' - 4' sa cl lm
tan beige sa lm
10% frags
11 1/2' - 12 1/2'



SOIL PROFILE

0'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME
10/18/95	1 S	5 1/2'	11:11	11:30	3/4" NO ADD'L ATTEMPTS		
	1 V	11 1/2'	see profile				
	2 S	4' 9" 11 1/2'	11:37	11:38	11:38	11:40	2
	5 V	8'	OK-XTRA HOLE	NOT NEEDED			
	3 S	4' 9" 12'	10:59	11:00	11:00	11:02	2
	4 S	5' 11 1/2'	11:04	11:05	11:05	11:07	2
	7 V	12'	OK-see profile				
	6 S	4' 9" 12 1/2'	11:44	11:58	11:58	12:28	30
	6 V		OK see profile	15% frags @ 2'			
10/2/95	A		OK? - NOT OBS'D				
	B		H2O @ 10' PER CONTRACTOR				

REMARKS HOLES NOT PER SKETCH PLAN

TYPE OF SOIL

TESTED BY M. Ripkin

ALSO PRESENT C. Cissel, owner

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 9

TRENCH WIDTH 2'

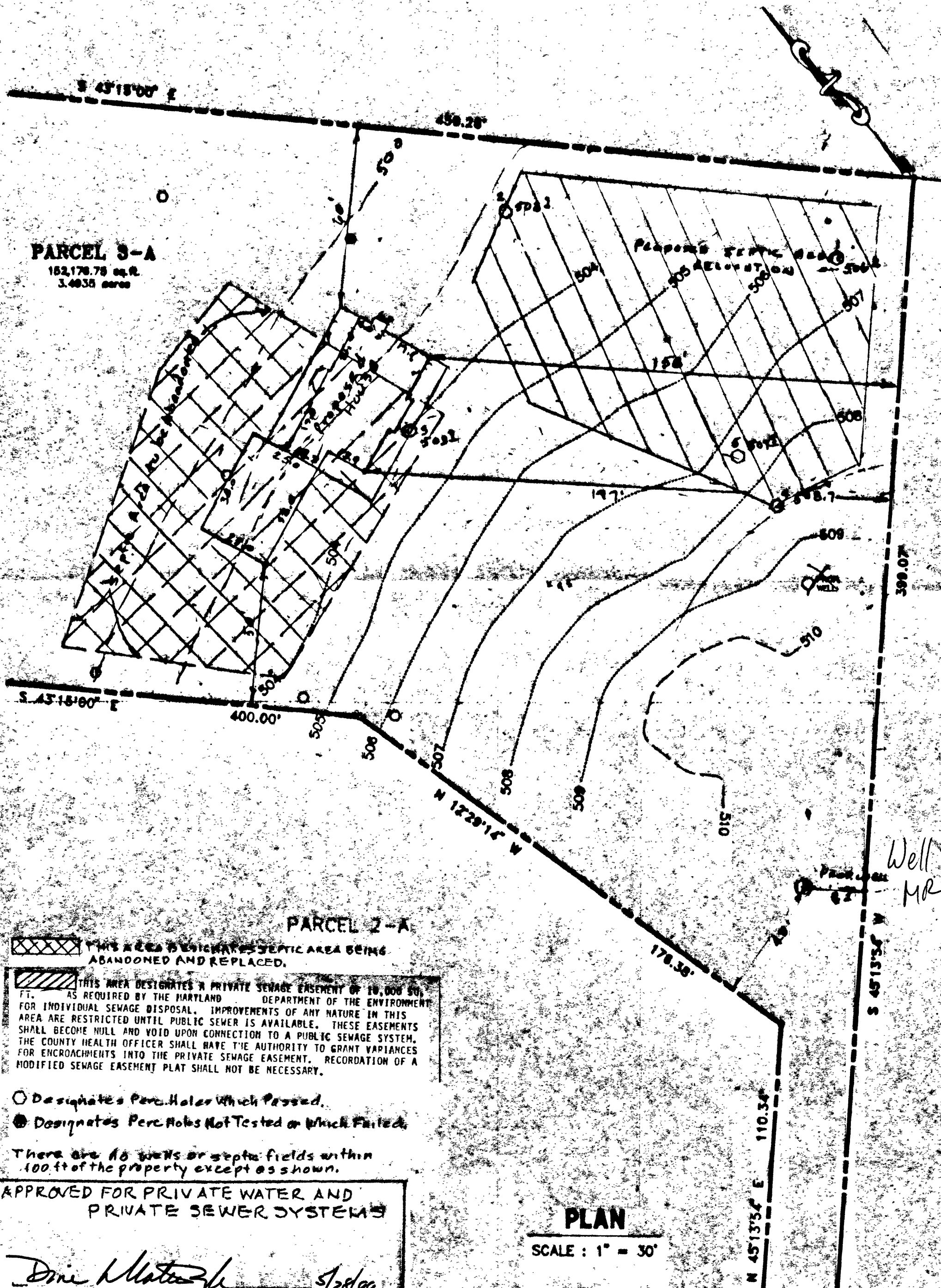
INLET DEPTH 4 1/2'

MAXIMUM BOTTOM DEPTH 8 1/2'

SQ. FT./BEDROOM 210

PARCEL 3-A

152,178.78 sq. ft.
3.4835 acres



PARCEL 2-A

THIS AREA DESIGNATES SEPTIC AREA BEING
ABANDONED AND REPLACED.

THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF 10,000 SQ. FT. AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWER IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A MODIFIED SEWAGE EASEMENT PLAT SHALL NOT BE NECESSARY.

○ Designates Perc. Holes Which Passed.

● Designates Perc. Holes Not Tested or Which Failed.

There are no wells or septic fields within 100 ft of the property except as shown.

APPROVED FOR PRIVATE WATER AND
PRIVATE SEWER SYSTEMS

Doni M. M... 5/28/99
HOWARD COUNTY HEALTH OFFICER MR. DATE

PLAN

SCALE: 1" = 30'

N/F J.M. & V.R. SANBORN
1359 / 401

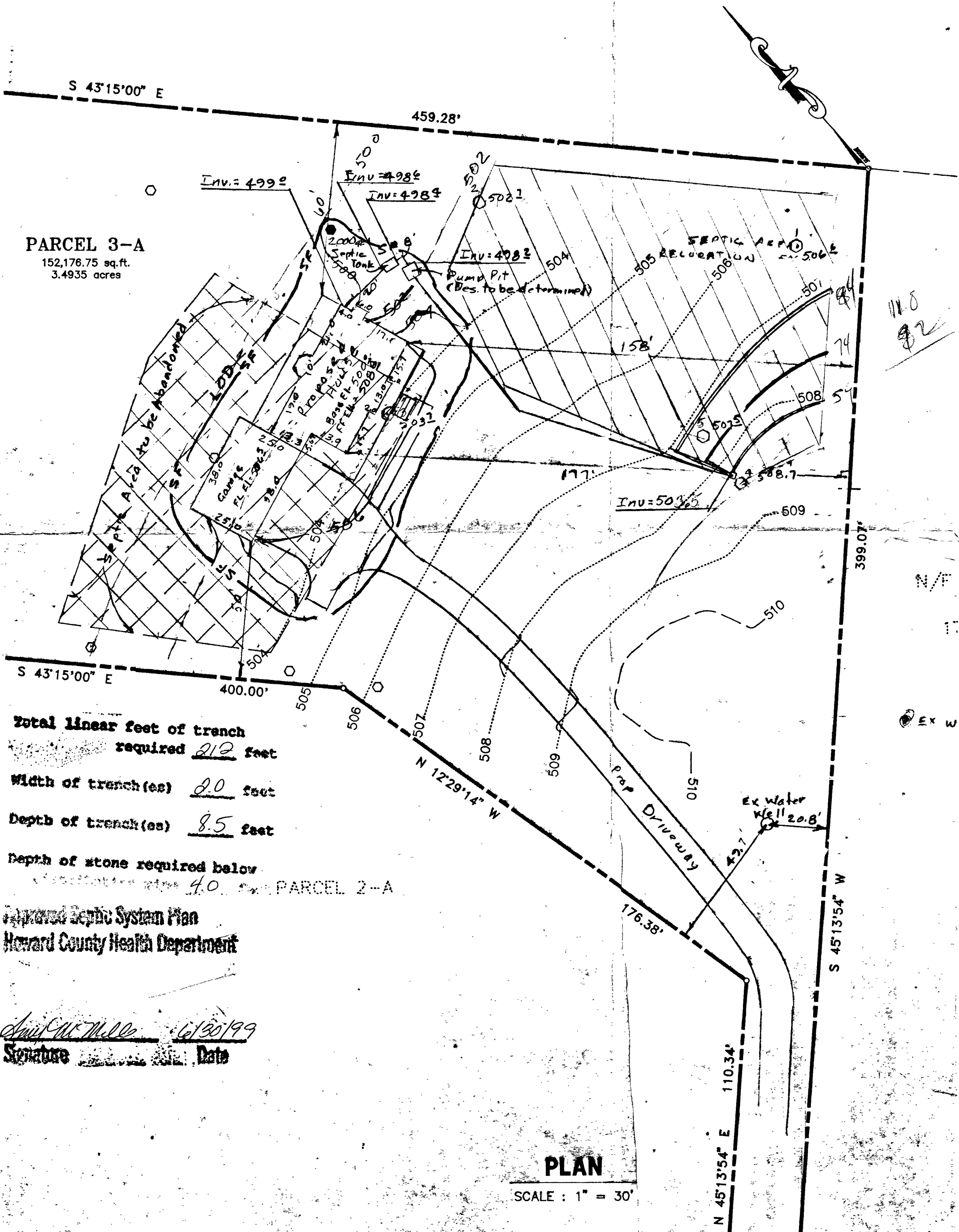
N/F R.L. DISNEY
& WIFE
175 / 265

Well Site OK
MR 5/7/99

NOTES: 1. Pa
Bel
De
2. Pa
will

Notes: Sewage pump and pit are to be designed by supplier
 Septic field line lengths are to be determined at the time
 of Septic Permit issuance. Lengths shown are approx.

PARCEL 3-A
 152,176.75 sq. ft.
 3.4935 acres



Total linear feet of trench
 required 212 feet

Width of trench(es) 2.0 feet

Depth of trench(es) 8.5 feet

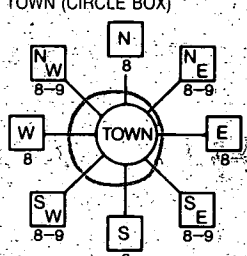
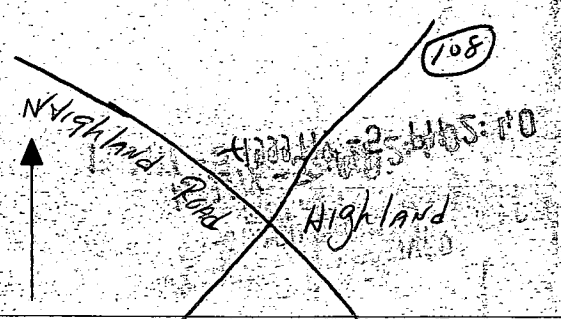
Depth of stone required below
 elevation of 4.0' on PARCEL 2-A

Approved Septic System Plan
 Howard County Health Department

Amir M. Miller 6/30/99
 Signature Date

PLAN

SCALE : 1" = 30'

B 1 8687 1 2 3 4 5 6	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND PERMIT TO DRILL WELL please print or type	STATE PERMIT NUMBER 40-94-2245 70 fill in this form completely 79
Date Received (APA) 05/05/99 8 MM DD YY 13		LOCATION OF WELL B 3 Howard COUNTY 21	
OWNER INFORMATION RN 7853 15 Last Name Bucco Owner First Name Bill 36 5704 Harland Street Street or RFD New Carrollton, Md 20784		23 SUBDIVISION F. & H. Davis Property SECTION 44 LOT 3a Highland 52 NEAREST TOWN	
DRILLER INFORMATION \$) George F. Easterday M DV 040 Driller's Name License No. L. Franklin Easterday, Inc. Firm Name 9265 Brown Church Rd.. MT. Airv. Md. 21771 Address <i>George F. Easterday</i> 5/4/1999 Signature Date		MILES FROM TOWN (enter 0 if in town) 0 M I 73 76 77 78	
B 2 WELL INFORMATION 1 APPROX. PUMPING RATE 5 2 (GAL. PER MIN.) 8 12 AVERAGE DAILY QUANTITY NEEDED 500 (GAL. PER DAY) 14 20		B 4 Highland Rd 11 NEAR WHAT ROAD 30 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  34 400 37 DISTANCE FROM ROAD ENTER FT. OR MI 38 5 46 TAX MAP: 40 BLK: 5 PARCEL: 46	
USE FOR WATER (CIRCLE APPROPRIATE BOX) ☒ D DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION ☐ F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) 22 ☐ I INDUSTRIAL, COMMERCIAL, DEWATERING ☐ P PUBLIC WATER SUPPLY WELL ☐ T TEST, OBSERVATION, MONITORING ☐ G GEO-THERMAL		NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL Howard A511436 COUNTY NAME COUNTY NO. STATE SIGNATURE: Mark E. Riffin INSERT S DATE ISSUED 05/07/99 5/7/00 43 MM DD YY 48 CO SIGNATURE EXP. DATE NORTH GRID 491 000 EAST GRID 0812 000 50 55 57 63	
APPROXIMATE DEPTH OF WELL 300 FEET 24 28		SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X SOURCES OF DRILLING WATER 1. wells 2. 3.	
APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST TOWN		WRITE THE BOX NUMBER FROM THE MAP HERE E 810 N 490 X 000 000	
METHOD OF DRILLING (circle one) BORED (or Augered) JETTED Jetted & DRIVEN 30 AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary) 37 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 MAP 14 B12 	
REPLACEMENT OR DEEPENED WELLS (CIRCLE APPROPRIATE BOX) ☒ N THIS WELL WILL NOT REPLACE AN EXISTING WELL ☐ Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED 39 ☐ S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS ☐ D THIS WELL WILL DEEPEN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPENED (IF AVAILABLE) 41 _____ 52		Not to be filled in by driller. (MDE OR COUNTY USE ONLY) APPROX. PERMIT NUMBER 54 G.A.P. 63 PERMIT No. 40-94-2245 70 71 72 73 74 75 76 77 78 79	
SPECIAL CONDITIONS NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED -			

1236

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND
WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

06743

FILL IN THIS FORM COMPLETELY
PLEASE PRINT OR TYPE

COUNTY NUMBER

DATE RECEIVED

DATE WELL COMPLETED

DEPTH OF WELL

PERMIT NO.

06 08 99

05/27/99

22 200 26

FROM "PERMIT TO DRILL WELL"

8 13

15 20

(TO NEAREST FOOT)

28 29 30 31 32 33 34 35 36 37

OWNER Bucco

STREET OR RFD Highland Rd

SUBDIVISION DAVIS PROP Highland TOWN Highland

SECTION 3-A LOT 3-A

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	
Brown shale	2	15	
Sand, silt, clay	15	81	✓
Gray mica	81	89	
Brown mica	89	91	✓
GRAY MICA	91	200	

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle Appropriate Box)

YES ☒ NO ☐

TYPE OF GROUTING MATERIAL (Circle one)

CEMENT ☒ BENTONITE CLAY ☐

NO. OF BAGS 38 NO. OF POUNDS 3800

GALLONS OF WATER 228

DEPTH OF GROUT SEAL (to nearest foot)

from 0 ft. to 60 ft.

(enter 0 if from surface)

CASING RECORD

casing types insert appropriate code below

☒ STEEL ☐ CONCRETE

☐ PLASTIC ☐ OTHER

MAIN CASING TYPE 3 ST

Nominal diameter top (main) casing (nearest inch) 6

Total depth of main casing (nearest foot) 86

OTHER CASING (if used)

diameter inch depth (feet) from to

EACH CASING

SCREEN RECORD

screen type or open hole insert appropriate code below

☒ STEEL ☐ BRASS ☐ OPEN HOLE

☐ PLASTIC ☐ OTHER

DEPTH (nearest ft.)

84 200

1	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)

from 56 to 60

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED ☒ YES ☐ NO

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 26.04.04 "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 LIC. NO. MWD 040

DRILLERS SIGNATURE George F. Easterday

LIC. NO. MWD 040

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

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER)

T (E.R.O.S.) W Q

70 72 74 75 76

TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST

HOURS PUMPED (nearest hour) 3

PUMPING RATE (gal. per min.) 15

METHOD USED TO MEASURE PUMPING RATE Bucket

WATER LEVEL (distance from land surface)

BEFORE PUMPING 28 ft.

WHEN PUMPING 87 ft.

TYPE OF PUMP USED (for test)

☐ air ☐ piston ☐ turbine

☐ centrifugal ☐ rotary ☐ other (describe below)

☐ jet ☒ submersible

PUMP INSTALLED

DRILLER WILL INSTALL PUMP YES ☒ NO ☐

IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS.

TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 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 ☐ below

LAND SURFACE 2 (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)

see plat