

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

ELLICOTT CITY

DISTRICT 5th.

DATE 8/30/82

INDEX

Jack Fyock, Jr.

IS PERMITTED TO INSTALL ☒ ALTER

ADDRESS 13775 Triadelphia Road, Glenelg, Maryland PHONE 988-9270

SUBDIVISION Fenton Estates ROAD 13420 Triadelphia Mill LOT 1

PROPERTY OWNER Kenneth M. Howard, Jr. PHONE: 461-9528

ADDRESS 3339 North Chatham Road, Ellicott City, Md.

SPECIFICATIONS 3 Bedrooms

SEPTIC TANK CAPACITY 1000 GALLONS

DRAIN FIELD _____ DEPTH _____ FEET, BOTTOM AREA _____ SQ. FT.

DEEP TRENCH _____ DEPTH _____ FEET, BOTTOM AREA _____ SQ. FT.

Dry Well

SEEPAGE PITS ☒ ABSORBENT SIDE-WALL AREA 120 SQ. FT. per bedroom

INLET PIPE 3 FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH 11 FT. BELOW ORIGINAL GRADE

EFFECTIVE DEPTH AT _____ FT. BELOW ORIGINAL GRADE.

LOCATE DISPOSAL AREA 65 FT. FROM left LOT LINE AND 260 FT. FROM back LOT LINE AS SEEN WHEN

FACING LOT FROM Triadelphia Mill Road

NOTE: OKAY TO USE TRENCH OFF DRY WELL TO MAKE UP ABSORBENT SIDEWALL AREA IN SYSTEM.
LEAVE 5 FT. EARTH BUFFER BETWEEN TRENCH AND DRY WELL. TRENCH TO FOLLOW CONTOUR
OF THE LAND. CALL FOR TWO (2) INSPECTIONS BEFORE AND AFTER STONE IS INSTALLED.

PLANS APPROVED BY Raymond Hodges DATE 11/20/79

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 PLACING GRAVEL IN TRENCH.

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER.

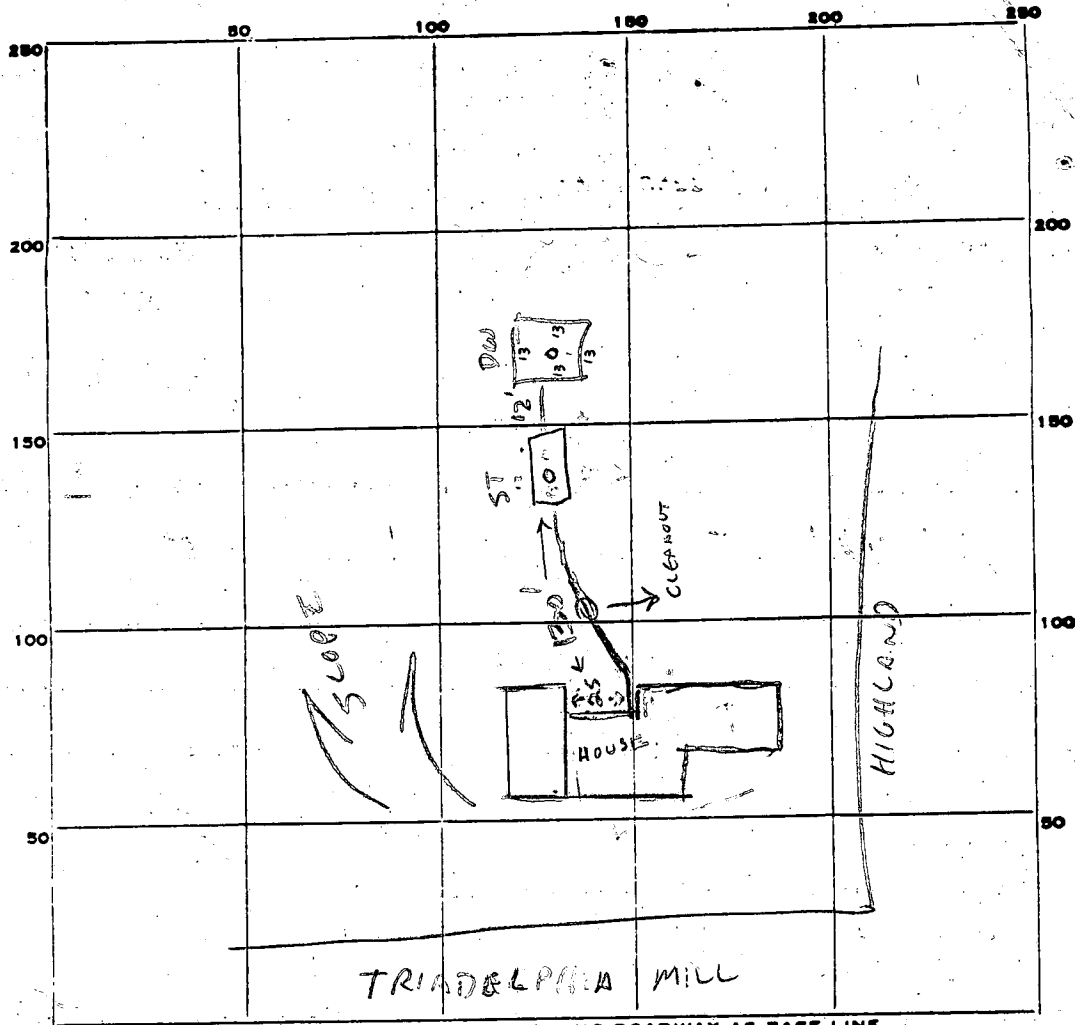
NOTE: ALL PIPE FROM HOUSE TO DISPOSAL AREA MUST BE CAST IRON.

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 ACCEPTED.

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT.
**BUILDING PERMIT SIGNED
AND RETURNED**

3/5/83 B00140475 POLE BARN/GARAGE



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

PERMIT CARD ☒

SEPTIC TANK, LEVEL ☒

1500 S

CLEANOUTS ☒ ☒ ☒

3 1/2 B.G. 3 1/2 B.G.

DISTRIBUTION BOX, LEVEL _____

TILE FIELD, DEPTH _____ FT. TRENCH WIDTH _____ FT.

GRAVEL DEPTH _____ IN. TOTAL LENGTH _____ FT.

NUMBER OF TRENCHES _____ TOTAL BOTTOM AREA _____

SEEPAGE PITS, INSIDE DIAMETER 52 FT. DEPTH BELOW INLET 7 FT.

ABSORBENT AREA 52 x 7 SQ. FT. 364 SQ FT

REMARKS OK TO COVER ALL WORK 9/8/82

BUILDING PERMIT SIGNED
AND RETURNED

DATE SYSTEM APPROVED 9/8/82

INSPECTOR C. Williams

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 29852

P _____

DISTRICT 5th.

SEE SPECS ON SEPARATE SHEET DATE 5/21/79

BLDG. PERMIT SIGNED
AND RETURNED 6/30/83
Serial # 54631

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 S. Turner Nichols Kenneth M. Howard, Jr.
Fenton Farms, Inc. 3339 N. CHATHAM RD 461-9528
ADDRESS 13938 Highland Road, Clarksville, Md. 21029 PHONE 286-2463 or 286-2993
Ellicott City, Md 11-15-79 Lot 1 on Final
PROPERTY LOCATION: Now Called FENTON ESTATE LOT NO. TA
SUBDIVISION Highland Road & Triadelphia Mill Road
ROAD AND DESCRIPTION 13420 Triadelphia Mill Road.
SIZE OF LOT 3 Acres m/1 TYPE BLDG. 3 or 4 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.

SIGNATURE OF APPLICANT /s/ Jack Boender for S. Turner Nichols
APPROVED BY Raymond Hodger FOR Dry Well DATE 11/20/79
REJECTED BY _____ FOR _____ DATE _____
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 7/12/79 - PERC TIME OK CERTIFY

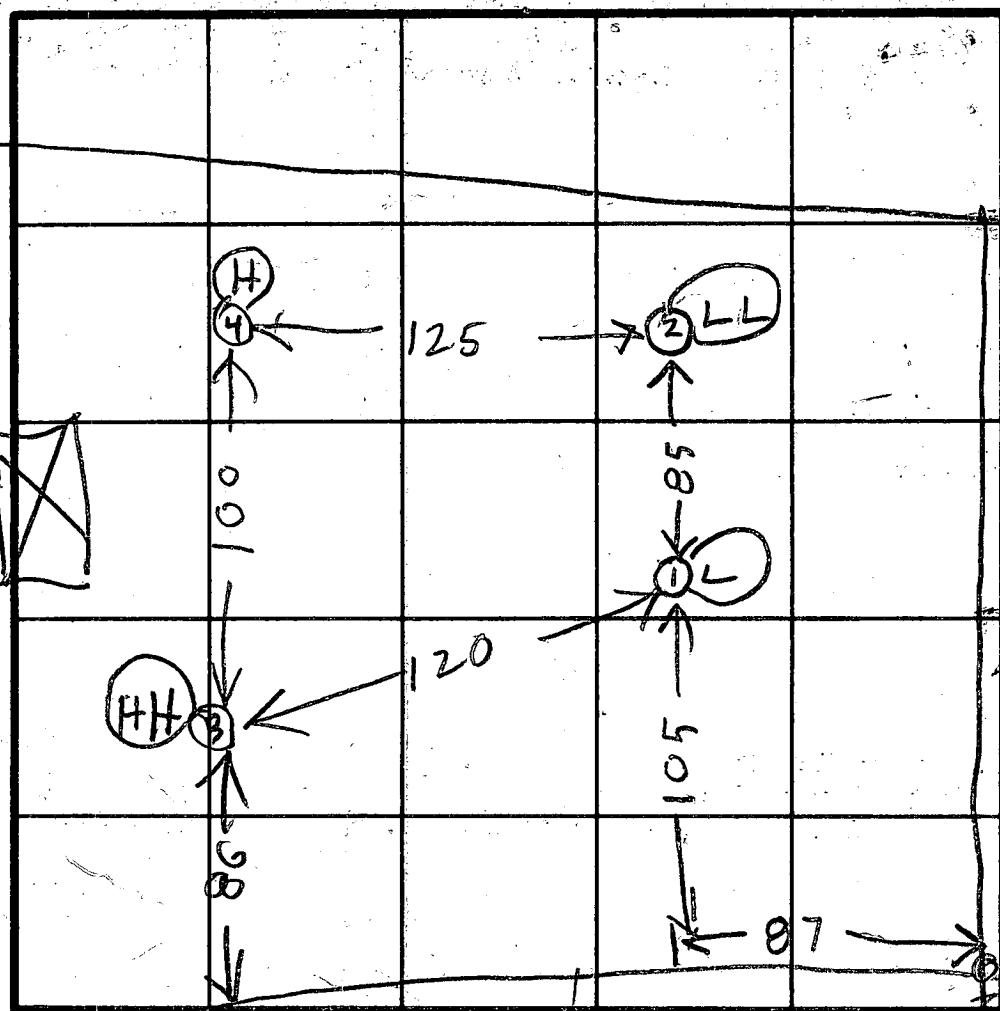
LOCATION & ELEVATION OF HOLES R.H.
11/20/79 - FINAL PLAT OK
BLDG. PERMIT SIGNED
AND RETURNED 4/7/83
Serial # 49443
pole barn

THIS IS NOT A PERMIT

SEE
PLAN

1"=50 FT
SCALE

BACK



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

HIGHLAND RD

HOLE
ELEVATION
H = HIGHEST
HIGH
LL = LOWEST
LOW
H = HIGHEST
L = LOW

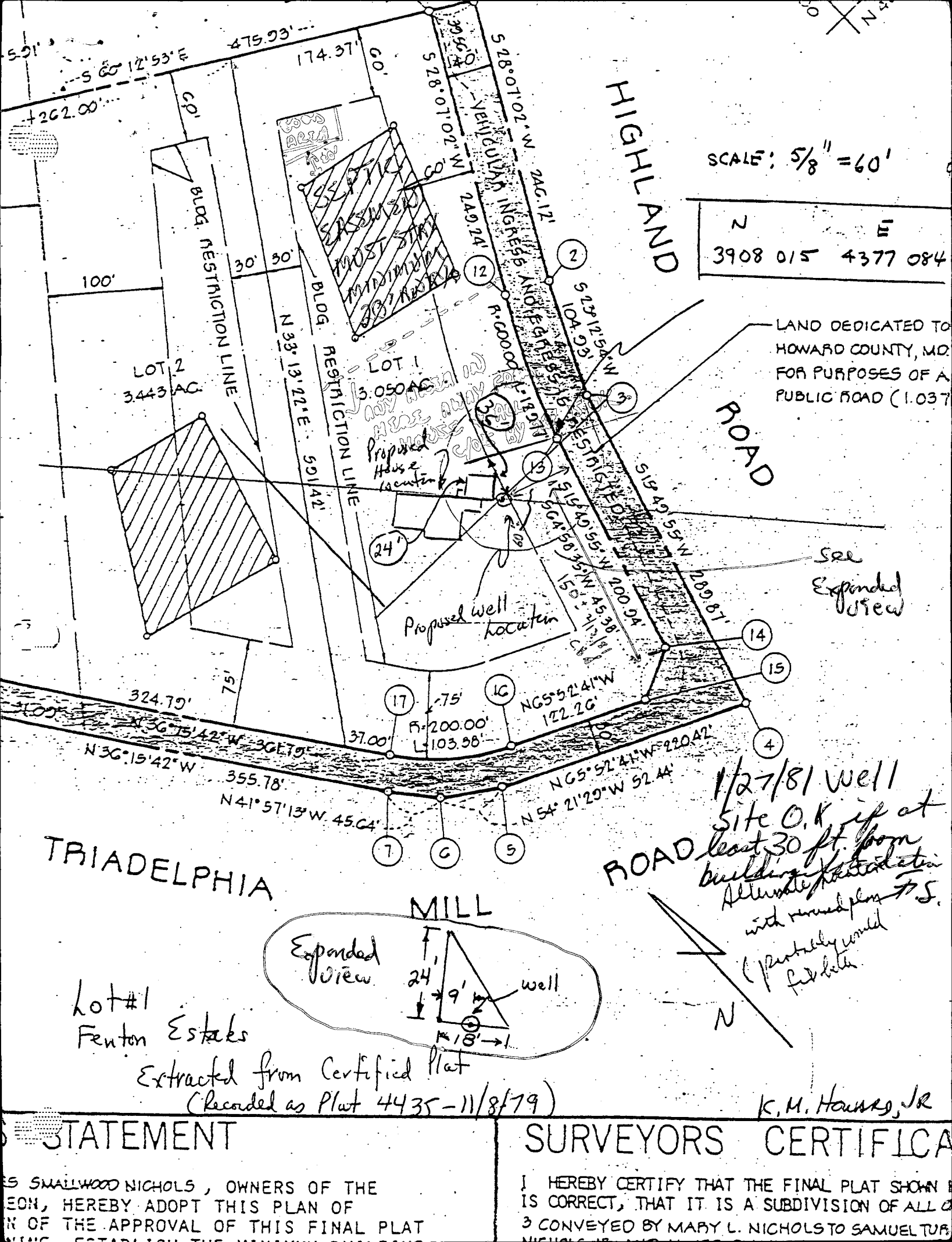
DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
7/12/79	1D	12 1/2	215	220	220	235	15
7/12/79	1S	3	215	217	217	220	3
	2D	12 1/2	217	219	219	228	9
	2S	4 1/2	217	219	219	221	2
	3D	12	223	227	227	235	8
	3S	4	223	225	225	227	2
7/14/79	4V	12	TOP 2 FT CLAY BOT 10 FT SANDY				

REMARKS

TYPE OF SOIL

TESTED BY RH

ALSO PRESENT PENNY GARY



SCALE: 5/8" = 60'

N E
3908 015 4377 084

LAND DEDICATED TO
HOWARD COUNTY, MD.
FOR PURPOSES OF A
PUBLIC ROAD (1.037

ROAD

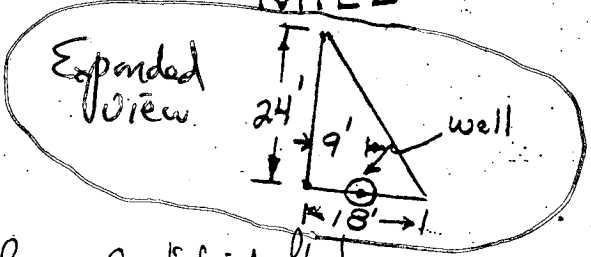
See
Expanded
View

1/27/81 well
Site O.K. if at
least 30 ft. from
building foundation
Alternate location
with revised plan
(probably would
fit better)

ROAD

TRIADDELPHIA

MILL



Lot #1
Fenton Estates

Extracted from Certified Plat
(Recorded as Plat 4435-11/8/79)

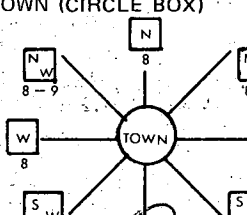
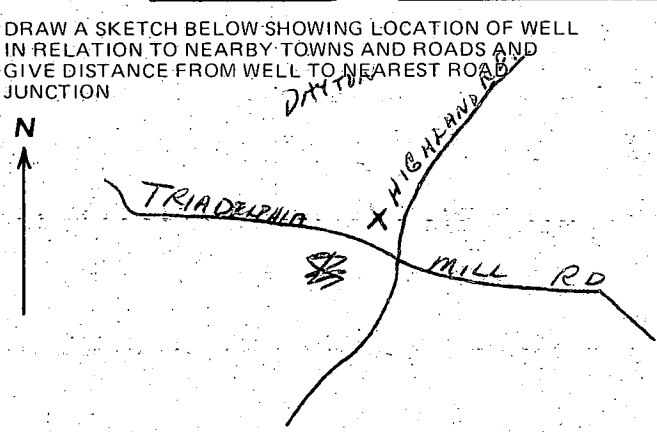
K.M. Housley, Jr

STATEMENT

SURVEYORS CERTIFICATE

ES SMALLWOOD NICHOLS, OWNERS OF THE
EON, HEREBY ADOPT THIS PLAN OF
N OF THE APPROVAL OF THIS FINAL PLAT
NING ESTATE IN THE MARYLAND SURVEY

I HEREBY CERTIFY THAT THE FINAL PLAT SHOWN
IS CORRECT, THAT IT IS A SUBDIVISION OF ALL
3 CONVEYED BY MARY L. NICHOLS TO SAMUEL T. NICHOLS

B 1 1284 SEQUENCE NO. WRA USE ONLY (THIS NUMBER IS TO BE PUNCHED IN COLUMNS 3-6 ON ALL CARDS)	STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL please print or type	WRA PERMIT NUMBER H0-73-3789 fill in this form completely
DATE RECEIVED <u>1-19-81</u> 2/13/81 2nd 8 (WRA USE ONLY) 13 OWNER INFORMATION HOWARD, KENNETH M. Jr. LAST NAME 15 OWNER 34 FIRST NAME 34 <u>13512 ARCO DRIVE</u> STREET OR RFD 55 <u>DAYTON, MD. 21036</u> TOWN 57 STATE 76 ZIP 42		
B 1 CONTINUED DRILLER INFORMATION GEORGE F. EASTERDAY DRILLER'S NAME 77 <u>George F. Easterday</u> SIGNATURE 77 <u>1/16/81</u> DATE 80 <u>040</u> LICENSE NO. 80 <u>1/16/81</u> DATE 80		
B 2 WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN) <u>5</u> AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) <u>600</u> USE FOR WATER (CIRCLE APPROPRIATE BOX) ☒ D HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY) ☐ F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) ☐ I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT) ☐ P PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL) ☐ T TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT) APPROXIMATE DEPTH OF WELL <u>150</u> FEET APPROXIMATE DIAMETER OF WELL <u>6</u> INCH Method of Drilling (circle one) ☒ BORED (OR AUGERED) ☒ AIR ROTARY ☐ CABLE ☐ other ☐ JETTED ☐ AIR PERCUSSION ☐ REVERSE ROTARY ☐ JETTED & DRIVEN ☐ ROTARY (HYDRAULIC) ☐ ROTARY ☐ DRIVE POINT		
REPLACEMENT OR DEEPEENED 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 ☐ S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY ☐ D THIS WELL WILL DEEPEEN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEENED (IF AVAILABLE) 41 _____ 52 _____ Not to be filled in by driller (WRA USE ONLY) APPROP. PERMIT NUMBER 54 <u>G A P</u> 63 FORCE <u>67</u> INITIALS <u>68</u> CONDITIONS <u>70</u> <u>71</u> <u>72</u> <u>73</u> <u>74</u> <u>75</u> <u>76</u> <u>77</u> <u>78</u> <u>79</u>		
B 3 LOCATION OF WELL COUNTY <u>HOWARD</u> SUBDIVISION <u>FENTON EST.</u> SECTION <u>1</u> LOT <u>1</u> NEAREST TOWN <u>DAYTON</u> MILES FROM TOWN (enter 0 if in town) <u>2</u> MI		
B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) ☐ W WEST ☐ E EAST ☐ S SOUTH ☐ N NORTH <u>1100</u> DISTANCE FROM ROAD (CIRCLE APPROPRIATE BOX) SHOW LOCATION OF WELL WITH AN "X" IN THIS BOX 800 3 500 3 WRITE THE BOX NUMBER FROM THE MAP HERE DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION 		
B 4 NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL COUNTY NAME <u>HOWARD</u> COUNTY NO. <u>A29853</u> EHA SIGNATURE <u>Frank A. Skinner</u> STATE HEALTH CIRCLE BOX ☒ MO <u>1</u> DAY <u>12</u> YR <u>81</u> CO SIGNATURE <u>Frank A. Skinner</u> DATE <u>1/27/81</u> NORTH GRID <u>503</u> EAST GRID <u>0806</u> ELEV. (FT.) <u>65</u> <u>68</u>		
B 5 SPECIAL CONDITIONS: 8-63 (WRA USE ONLY) 		

C1	4860	SEQUENCE NO. (WRA USE ONLY)	STATE OF MARYLAND WELL COMPLETION REPORT FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE	THIS REPORT MUST BE SUBMITTED WITHIN 30 DAYS AFTER WELL IS COMPLETED COUNTY NUMBER A 29852
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Date Received (WRA use only)	2/13/81	DATE WELL COMPLETED	Depth of Well 191.1/20	PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-73-3789
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OWNER	HOWARD, JR.	KENNETH E. GRAM.
STREET OR RFD	Triadelphia Mill & Highland Rds.	TOWN DAYTON
SUBDIVISION	FENTON EST.	SECTION LOT 1

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 FROM TO	Check if water bearing
TOP SOIL	0 2	
SHALE	2 12	
SAND	12 35	✓
SHALEY	35 55	
BROWN SLATE	55 75	✓
BLUE SLATE	75 100	
FLINT	100 105	✓
BLUESLATE	105 150	

WELL HAS BEEN GROUTED (Circle Appropriate Box)	
TYPE OF GROUTING MATERIAL	
CEMENT ☒ BENTONITE CLAY ☐	
NO. OF BAGS 18 NO. OF POUNDS 1800	
GALLONS OF WATER 90	
DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 46 ft.	

CASING RECORD	
casing types insert appropriate code below	
STEEL ☒ CONCRETE ☐	
PLASTIC ☐ OTHER ☐	
MAIN CASING TYPE	
Nominal diameter top(main) casing (nearest inch)	
Total depth of main casing (nearest foot)	
5 6 10	

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

SCREEN RECORD	
screen type or open hole	
insert appropriate code below	
STEEL ☐ BRASS ☐ OPEN HOLE ☐	
PLASTIC ☐ OTHER ☐	

C2	
seq. no.	
DEPTH (nearest ft.)	
140 68 120	

SLOT SIZE	
DIAMETER OF SCREEN (NEAREST INCH)	
from to	

GRAVEL PACK	
IF WELL DRILLED WAS FLOWING WELL CIRCLE BOX ☐	
WRA 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	

C 3	
seq. no.	
PUMPING TEST	
HOURS PUMPED (nearest hour)	3
PUMPING RATE (gal. per min. to nearest gal.)	10
METHOD USED TO MEASURE PUMPING RATE	Bucket
WATER LEVEL (distance from land surface)	
BEFORE PUMPING	40
WHEN PUMPING	120
TYPE OF PUMP USED (for test)	
A air ☒ P piston ☐ T turbine ☐	
C centrifugal ☐ R rotary ☐ O other (describe below) ☐	
J jet ☐ S submersible ☐	

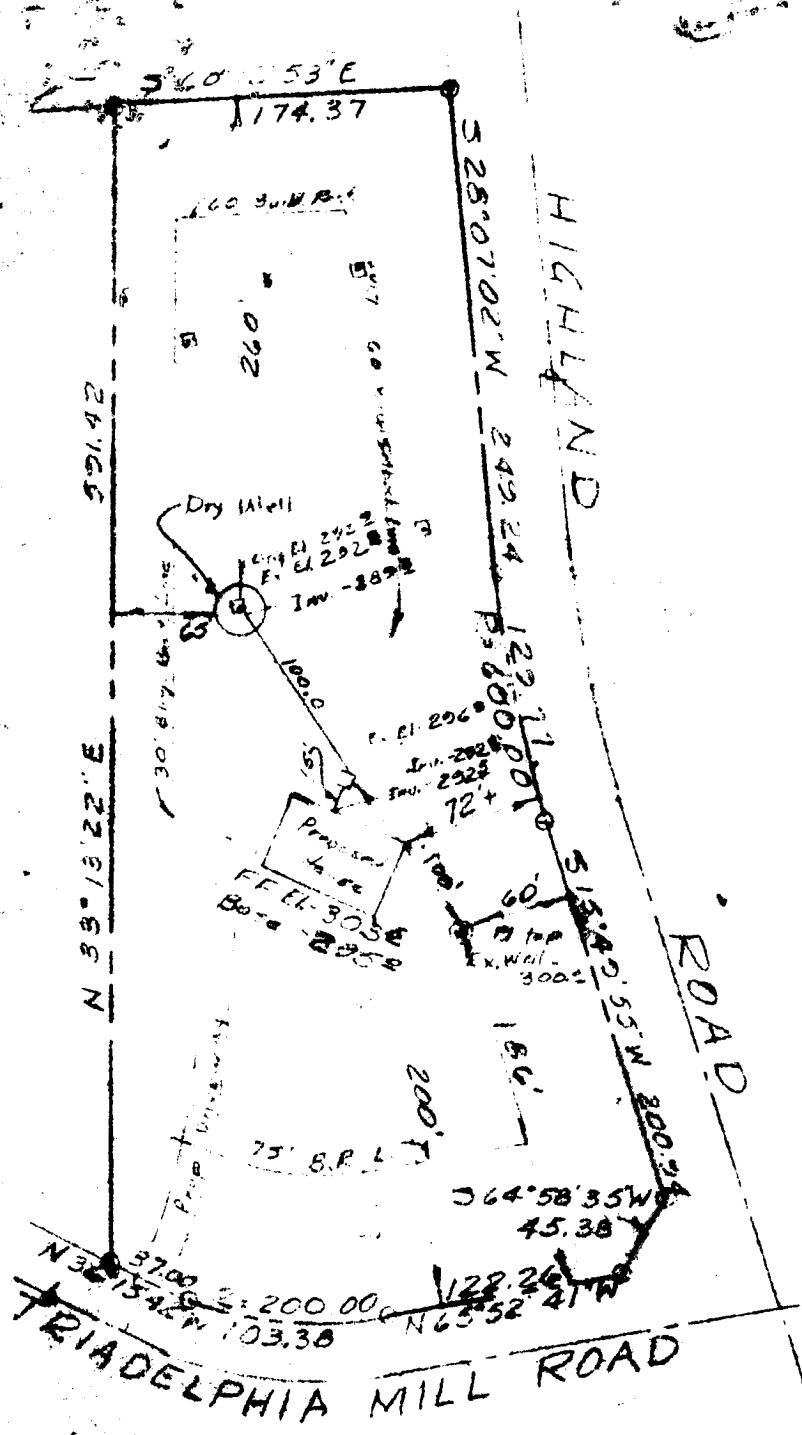
PUMP INSTALLED	
YES NO	
DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX)	☒ ☐
IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE	
TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: (A, C, J, P, R, S, T, O))	
CAPACITY: GALLONS PER MINUTE (to nearest gallon)	
PUMP HORSE POWER	
PUMP COLUMN LENGTH (nearest ft.)	
CASING HEIGHT (circle appropriate box and enter casing height)	
+ above	
- below	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)	
200' WELL	
1000'	
HIGHLAND RD.	

CIRCLE APPROPRIATE BOX	
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 I HAVE COMPLIED WITH ALL CONDITIONS STATED ON THE ABOVE-CAPTIONED "PERMIT TO DRILL WELL", AND THAT INFORMATION CONTAINED IN THIS REPORT IS TRUE, ACCURATE, AND COMPLETE TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF.

DRILLERS IDENT. NO.	40
DRILLER'S SIGNATURE	Shane D. Carter
(MUST MATCH SIGNATURE ON APPLICATION)	
SITE SUPERVISOR (sign of driller or journeyman responsible for sitework if different from permittee)	Samuel Sellers



5/20/82
Sketch OK
JES.

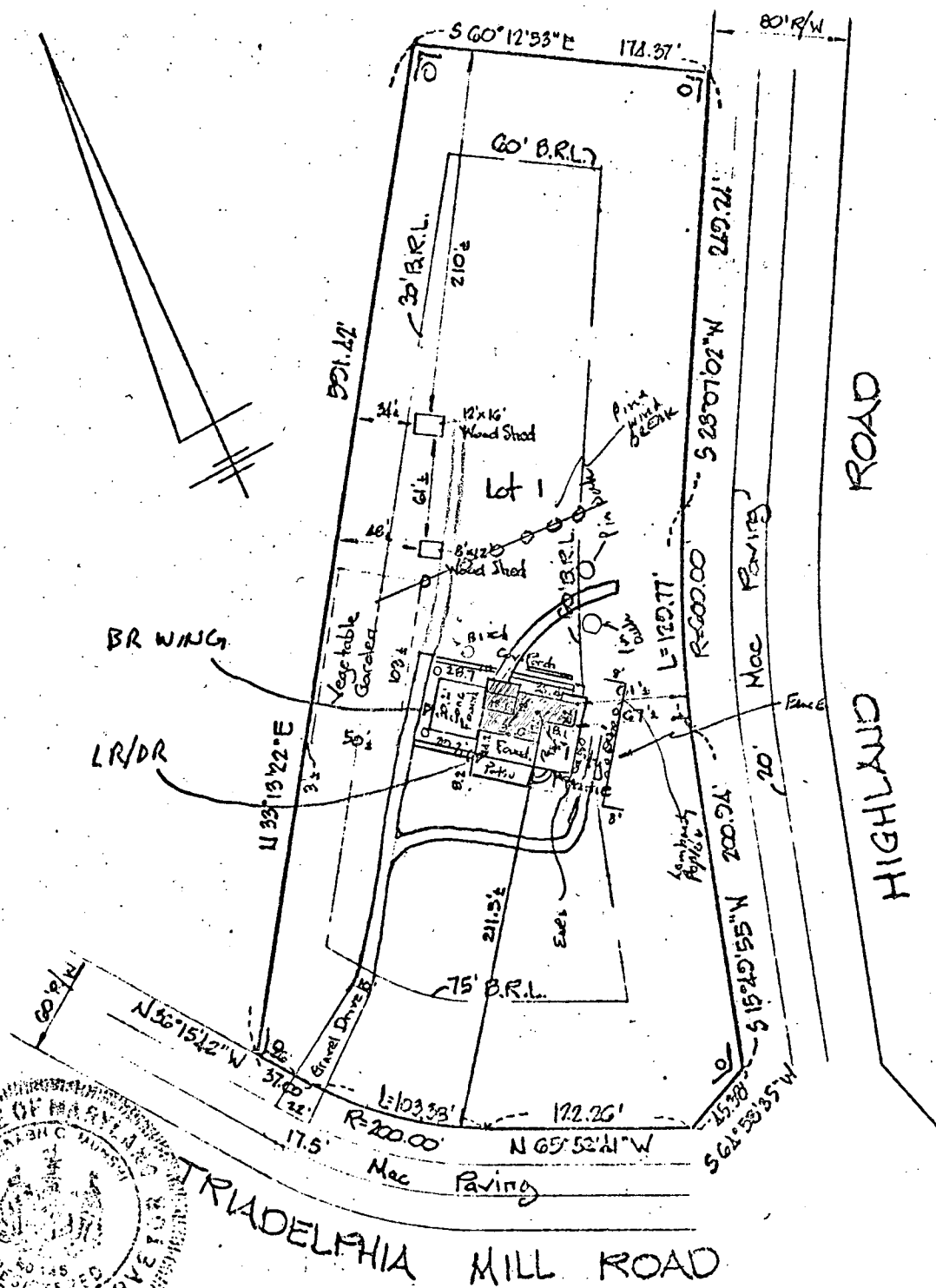
LOT 1
FENTON ESTATES
LOTS 1 AND 2
Ft. Hill, Flee. Dist.
Howard County, Md.
Scale: 1" = 100' Jan. 1982

I hereby certify that the above measurements and elevations are actual and correct for this property. The elevations shown are based on an assumed datum of 300.5 ft on top of the Well Casing.

J. E. Clark 2-6-82
Registered Land Surveyor - Md 4379.

Prepared by
THE J. E. CLARK CO.
Laurel, Md.

Survey of property known as Lot 1, plat of "Fenton Estates" - Lots 1 and 2, and recorded among the Land Records of Howard County in Plat Book C.M.P.#4435.



This is to certify that the improvements indicated hereon are located as shown. This is not a property line survey and should not be used as such

Don Lynch

DON LYNCH ASSOC., INC.
4907 HARFORD ROAD
BALTIMORE, MD. 21214

Updated

Scale: 1" = 100'

Date: 1/12/83

Location OK.

4/7/88

Side 11.00'

N

LOT 1

WOOD SHED

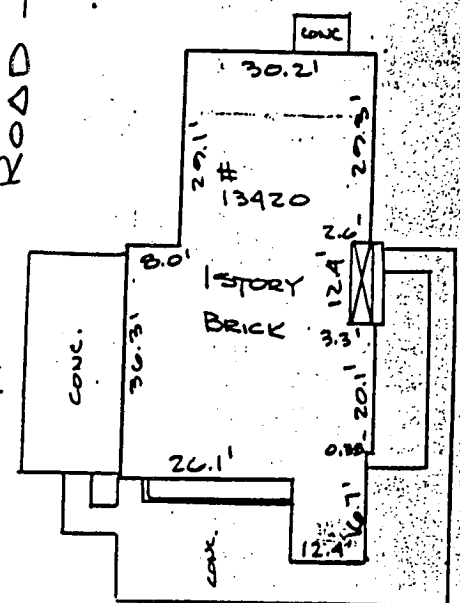
SEE DETAIL - 6' 11"

75' BRL

212'

ROAD

HIGHLAND



DETAIL
1" = 30'

PERMIT APPLIC. #
16267

OWNER: ERIC RAAEN
531 3614
381 1227
CONTRACTOR: PATRICK
VALLEY CONSTRUCTION
977 0238

NO PERMIT SIGNED
AND RETURNED 16267

Pole Barn
Signed 4/7/88

TRIADPHIA MILL ROAD
60' E/W

13420 TRIADPHIA
MILL ROAD



IMPROVEMENT LOCATION SURVEY SURVEYOR'S CERTIFICATE

LOT 1
FENTON ESTATES
5TH ELECTION DISTRICT

I hereby certify that the position of all existing improvements on the above described property has been carefully established by a transit-tape survey; and that, unless otherwise shown, there are no encroachments. Unless otherwise shown, corners have

SURVEYOR'S CERTIFICATE:

1. This is to certify that we have surveyed this property for the purpose of locating the improvements and that they are located as shown hereon. This survey did NOT include the marking of lot corners with permanent markers.
2. This plat may NOT be used to establish property lines.
3. This plat is for title purposes only. No title report is being furnished.
4. This plat is subject to all easements and rights of way of record.
5. Flood designation by Federal Flood Insurance Rate Map Panel of _____, Community Panel No. _____, dated _____ is Zone(s) _____

EDWIN J. KIRBY, JR. PROF. L.S.

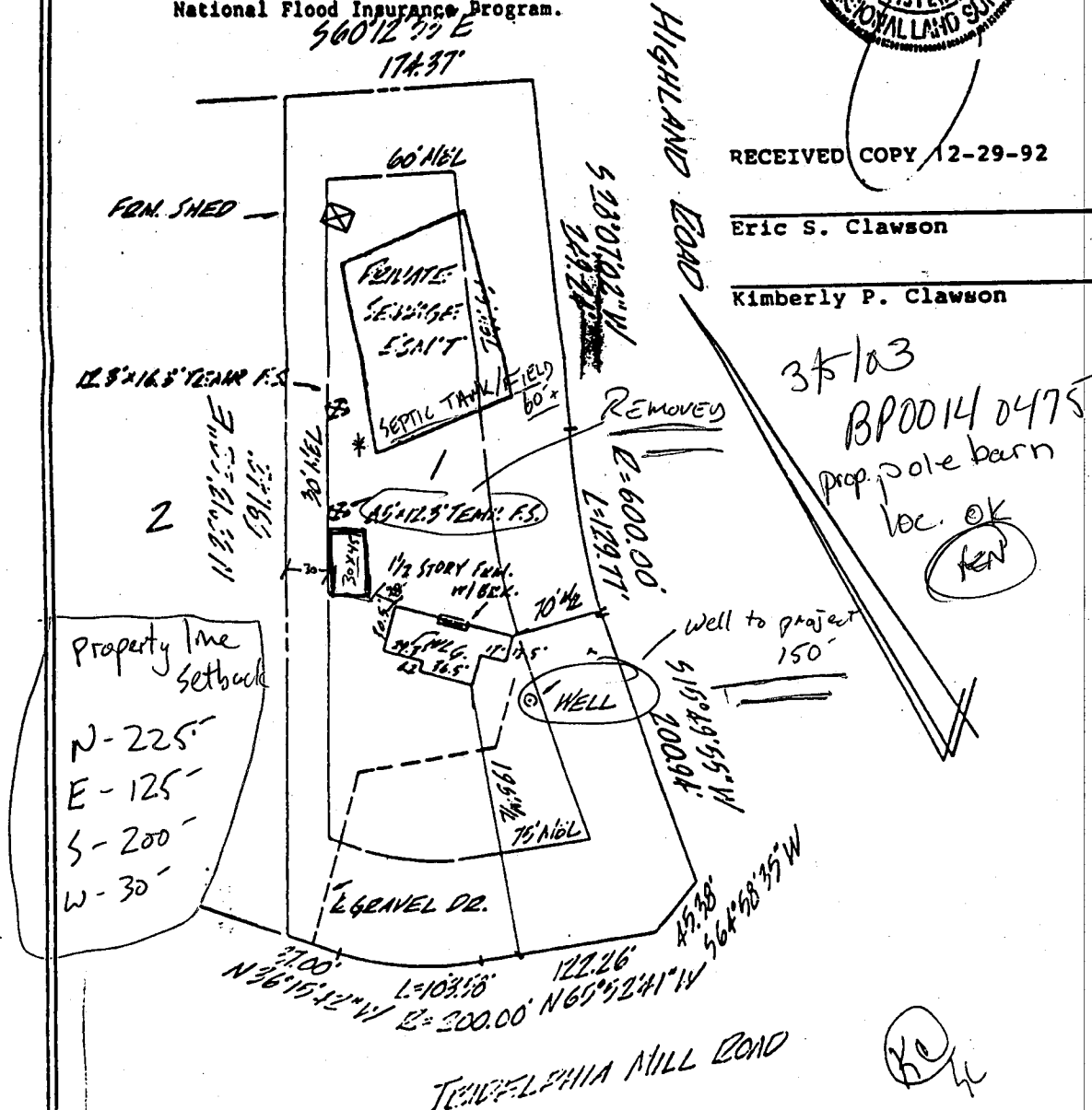
NOTE: This property lies in Flood Zone 'C', an area of minimal flooding, as delineated on the maps of the National Flood Insurance Program.



RECEIVED COPY 12-29-92

Eric S. Clawson

Kimberly P. Clawson



PLAT OF LOCATION SURVEY

Lot 1, Lots 1 and 2
 "PENTON ESTATES"
 C.M.P. #4435
 Election District 5
 Howard County, Maryland
 #13420 Tridelphia Mill Road

EDWIN J. KIRBY & ASSOCIATES
 800 Greenspring Valley Road
 Lutherville, MD 21093
 410 - 337 - 7942

Scale: 1"=100' Date: 12/28/92