

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 512704

A 56618-B

DISTRICT _____

DATE 9-14-1999

DATE SYSTEM APPROVED 10/18/99

INSPECTOR *Paul W. Kelly*

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
~~XXXXXX~~ 410-313-2640

INDEXED
04-362152

Cumberland Development Corporation IS PERMITTED TO INSTALL X ALTER _____

ADDRESS 16391 A F Mullinix Road, Woodbine, MD 21797 PHONE 301-854-6838

SUBDIVISION Laniado Property LOT 2 ROAD 17129 Frederick Road

PROPERTY OWNER Myers

**BUILDING PERMIT SIGNED
AND RETURNED**

TOP SEAMED TANK REQUIRED
SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

4-29-04 BOD 146781-06 LP TANK
11-18-04 BOD 157234-16 POOL

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 280 ✓

TRENCHES - Trench to be 3 feet wide. Inlet 2.5 feet below original grade. Bottom maximum depth 4.5 feet below original grade. Effective area begins at 2.5 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Place the distribution box 200 feet down the left (219.16') lot line and 20 feet off this same lot line as seen from the existing driveway. Run trenches along contour towards the 197.48' 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. On SRN 9/22/99-SRK

PLANS APPROVED BY Donna K. Soe DATE 9-09-1999

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.

56618-B

APPLICATION

PERCOLATION TESTING

A 56618.D

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2840

DISTRICT 4

DATE 5/12/96

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 GEORGE & THERESA C. LANIADO Myers

ADDRESS 18035 FREDERICK ROAD MT. AIRY, MD 21771
PHONE _____

AGENT OR PROSPECTIVE BUYER C & M PARTNERSHIP

ADDRESS 1750 DAISY RD.
WOODBINE, MD 21797 PHONE (410) 442-1045

PROPERTY LOCATION:

SUBDIVISION LANIADO PROPERTY LOT NO. 4 (2)

ROAD AND DESCRIPTION SOUTH SIDE (17129) FREDERICK RD (MD, RTE. 144 OPPOSITE

INTERSECTION WITH BEETZ ROAD.

TAX MAP 7 PARCEL # 8

SIZE OF LOT 1 AC. + TYPE BLDG. SINGLE FAMILY RESIDENTIAL
(SINGLE FAMILY DWELLING OR COMMERCIAL)

NO. PERMITS SIGNED
THIS RETURNED 9-9-99
Serial # B1019965
4 Blm

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.

Ronald S. Carter
(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

LOT 4

56618 D

COUNTY #

SOIL PROFILE

2048 (7)

topsoil

red or
br cl 1m

14 or br
to beige
si 1m

5-10%
rock
frags

(5)/(6)

topsoil

red br
cl 1m

14 or br
to tan
si 1m

shale
frag

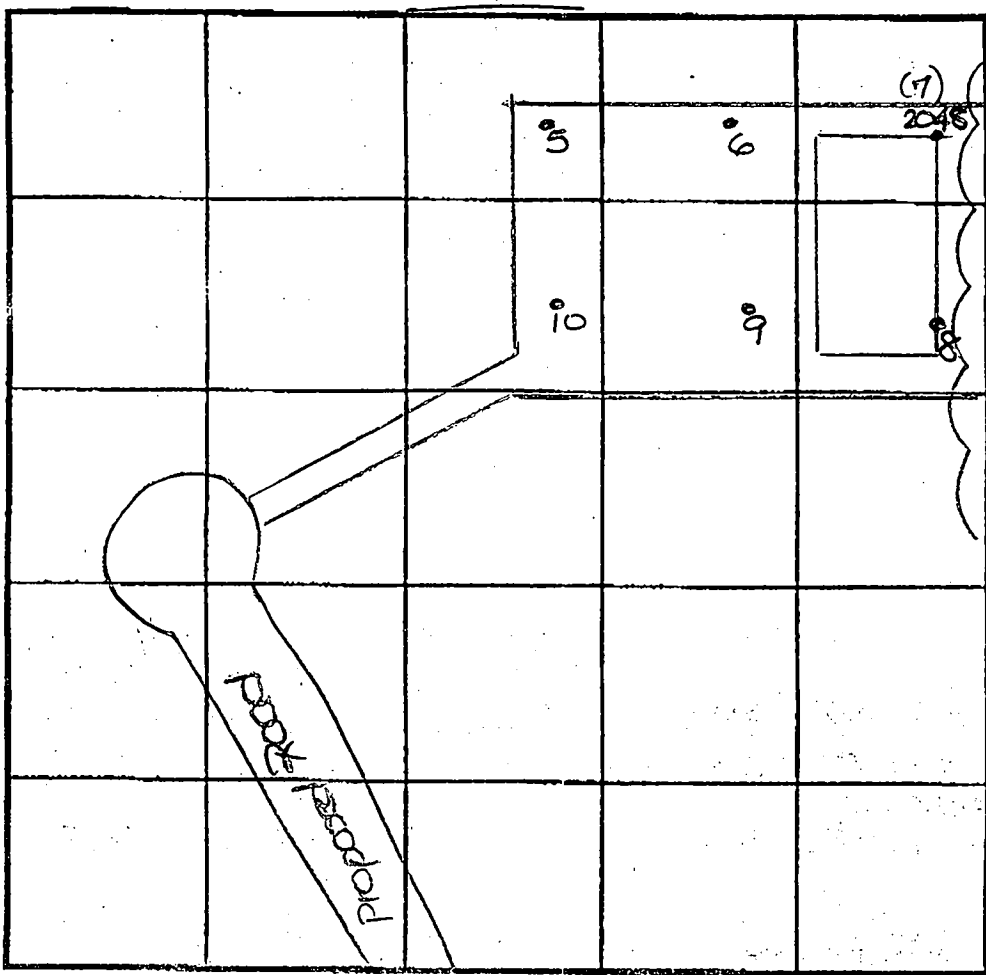
(8)/(9)

topsoil

or red br
cl 1m

14 br to
tan si
1m

heavy
shale
frag



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.
Frederick Road

| DATE | TEST NO. | DEPTH | PRE-WET | | TEST - 1" DROP | | TIME |
|---------|-------------|---------|---------------------|---------------------|---------------------|---------------|------|
| | | | START | STOP | START | STOP | |
| 6-26-96 | 5 | 5.0'S | 11:01 ₃₀ | 11:17 ₃₀ | 11:17 ₃₀ | 11:46 slow | OK |
| | | 11.5' D | Visual | - See profile | | | |
| | 6 | 11.5' D | Visual | - See profile | | | |
| | (2048) 7 | 4.5'S | 10:29 ₃₀ | 10:35 | 10:35 | 10:45 | 10 |
| | | 11.0' D | Visual | - See profile | | | |
| | 8 | 4.0'S | 10:47 | 10:51 | 10:51 | 10:57 | 6 |
| | | 10.5' D | Visual | - See profile | | | |
| | 9 | 3.5'S | 10:59 ₃₀ | 11:14 | 11:14 | 11:40 | 26 |
| | | 10.5' D | Visual | - See profile | | | |
| | 10 | 10.0' D | Visual | - See profile | | | |

REMARKS: holes tested as stated

TYPE OF SOIL

TESTED BY D. Sae

ALSO PRESENT Mr. Carter, Mr. Marshall

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

14

TRENCH WIDTH

3

INLET DEPTH 3.5

MAXIMUM BOTTOM DEPTH 5.5

SQ. FT./BEDROOM

210

C1 4119

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED AFTER WELL IS COMPLETED.

COUNTY NUMBER A56618

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED 11 3 98

Depth of Well 305

PERMIT NO. HO 94-1761

OWNER C & M Partnership STREET OR RFD Fredericks Road TOWN Mt. Airy SUBDIVISION Laniado Property SECTION LOT 2

WELL LOG

Not required for driven wells STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

Table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes entries for Brown Shale and Blue Rock.

Dry well 400 backfilled - 400-40 drilling materials 40-0 Cement

GROUTING RECORD

WELL HAS BEEN GROUTED (Y) (N) TYPE OF GROUTING MATERIAL (C) (M) (B) (C) NO. OF BAGS 18 NO. OF POUNDS 1692 GALLONS OF WATER 108 DEPTH OF GROUT SEAL 55

CASING RECORD

MAIN CASING TYPE PL Nominal diameter top (main) casing (nearest inch) 6 Total depth of main casing (nearest foot) 61

OTHER CASING (if used)

Table for other casing with columns for diameter and depth.

SCREEN RECORD

screen type or open hole (S) (T) (B) (R) (H) (O) (P) (L) (O) (T) DEPTH (nearest ft.)

DEPTH (nearest ft.) HO 60 305

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) TELESCOPE CASING LOG INDICATOR OTHER DATA

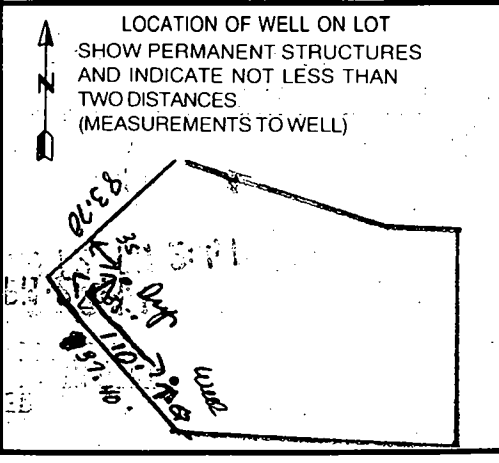
C3

PUMPING TEST

HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min.) 4 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 53 WHEN PUMPING 246 TYPE OF PUMP USED (for test) S submersible

PUMP INSTALLED

DRILLER INSTALLED PUMP (CIRCLE) (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) PUMP HORSE POWER PUMP COLUMN LENGTH (nearest ft.) CASING HEIGHT (circle appropriate box and enter casing height) LAND SURFACE (nearest foot)



NUMBER OF UNSUCCESSFUL WELLS: 1 WELL HYDROFRACTURED (Y) (N)

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. 1 M5D024 DRILLERS SIGNATURE Joseph L. Thayer LIC. NO. 1 D

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

B 1 **6768**

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL please print or type

STATE PERMIT NUMBER

HO-94-1761
fill in this form completely

Date Received (APA) 09/15/98
8 MM DD YY 13

OWNER INFORMATION

C.M. Partnership
15 Last Name Owner First Name 34
1750 Daisy Rd.
36 Street or RFD 55
Woodbine Md. 21797
57 Town 70 State 72 Zip 76

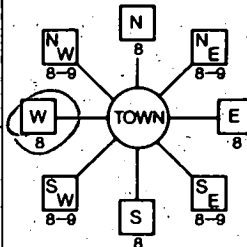
DRILLER INFORMATION

Joseph L. Mayne MS D 024
Driller's Name 76 License No. 81
Joseph L. Mayne Well Drilling
Firm Name
5512 Ridge Rd. Mt. Airy 21771
Address
Joseph L. Mayne 9/14/98
Signature Date

B 3 LOCATION OF WELL

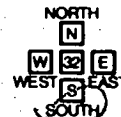
Howard
8 COUNTY 21
LANIADO
23 SUBDIVISION 42
SECTION 2 LOT 2 PROPERTY
44 46 48 50
Lisbon
52 NEAREST TOWN 71
MILES FROM TOWN (enter 0 if in town) 3 M I
73 76 77 78

B 4 1 2 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



md 144 Baltimore National PK
11 NEAR WHAT ROAD 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



34 581 37
DISTANCE FROM ROAD
ENTER FT OR MI 38 39
FT

TAX MAP: _____ BLK: _____ PARCEL _____

B 2 WELL INFORMATION
APPROX. PUMPING RATE 5
7 2 (GAL. PER MIN.) 8 12
AVERAGE DAILY QUANTITY NEEDED 500
(GAL. PER DAY) 14 20

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION
- FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
- INDUSTRIAL, COMMERCIAL, DEWATERING
- PUBLIC WATER SUPPLY WELL
- TEST, OBSERVATION, MONITORING
- GEO-THERMAL

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

HOWARD 9 56618
COUNTY NAME COUNTY NO.
STATE SIGNATURE INSERT S →
DATE ISSUED 09/24/98 09/23/99
43 MM DD YY 48 CO SIGNATURE EXP DATE
NORTH GRID 558 000 EAST GRID 0766 000
50 55 57 63

APPROXIMATE DEPTH OF WELL 200 FEET
24 28
APPROXIMATE DIAMETER OF WELL 6 INCH
NEAREST

METHOD OF DRILLING (circle one)

BORED (or Augered) JETTED Jettted & DRIVEN
30 AIR-ROTary AIR-PERCussion ROTARY (Hydraulic Rotary)
67 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-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS
 - 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 (MDE OR COUNTY USE ONLY)

APPROP. PERMIT NUMBER 54 G A P 63
PERMIT No. HO-94-1761
70 71 72 73 74 75 76 77 78 79

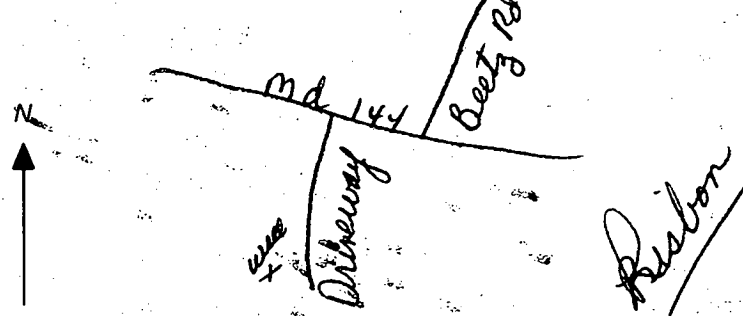
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X
4/3/98 NO INSP

- SOURCES OF DRILLING WATER
- Well
 -
 -

WRITE THE BOX NUMBER FROM THE MAP HERE

E 7606
N 5588
000
000

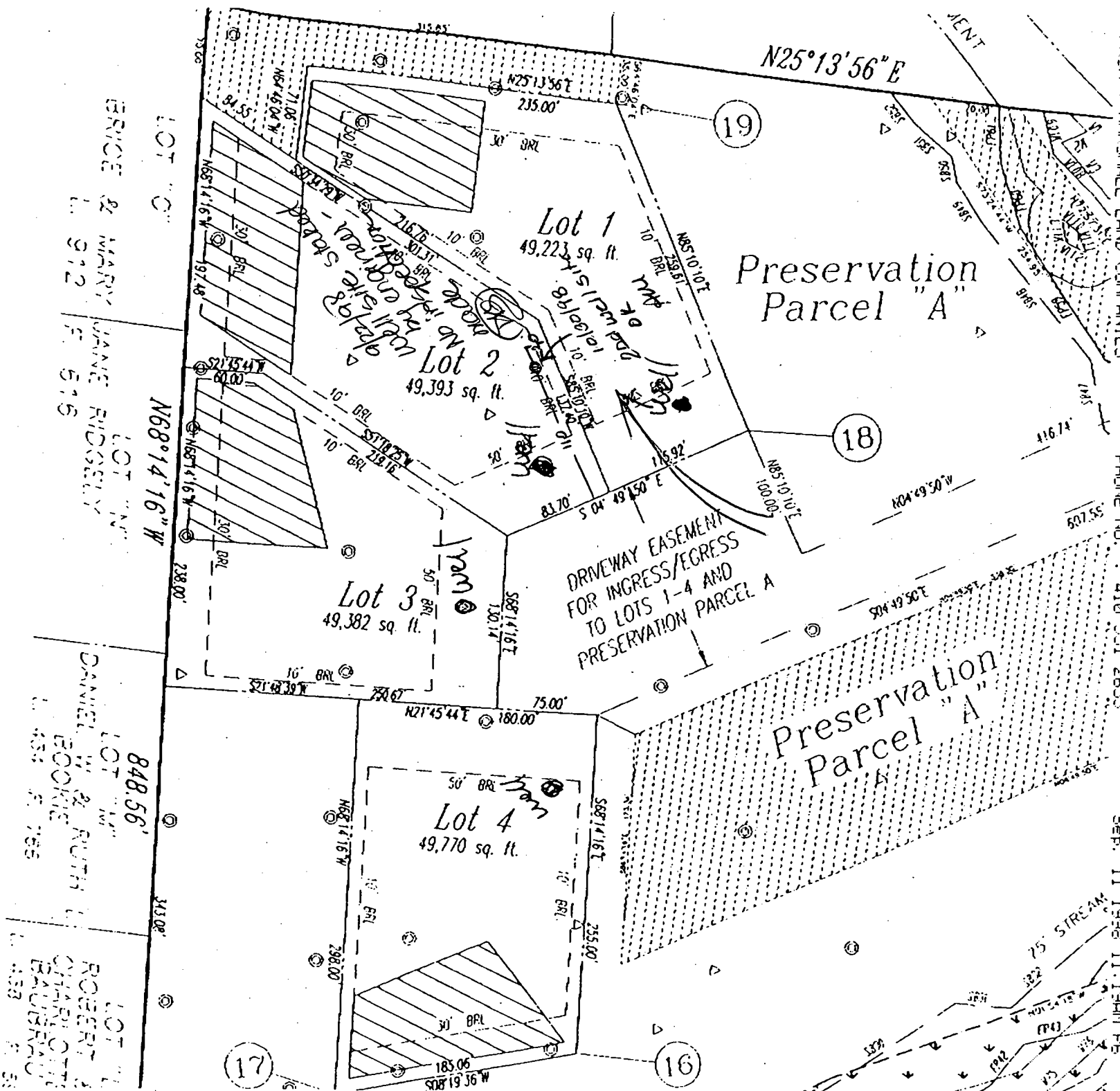
DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION



SPECIAL CONDITIONS

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

| | | | | |
|-------------|---------|------|-------------|--------|
| 44.55°E | 57.84' | V41 | S87°36'57"W | 37.59' |
| 30°15'E | 26.18' | V42 | N75°10'07"W | 15.57' |
| 20°43'V | 24.96' | V43 | N25°38'53"W | 15.05' |
| 31°12'E | 163.75' | V44 | N76°53'20"E | 5.69' |
| 34°08'W | 34.91' | V45 | S82°01'55"E | 27.28' |
| 45°44'E | 37.69' | V46 | N50°05'53"W | 39.63' |
| 51°16'W | 43.92' | V47 | N43°00'19"E | 5.92' |
| 13°25'W | 25.94' | V48 | S57°57'37"E | 27.77' |
| 05°19'W | 27.15' | V49 | S63°30'03"E | 24.13' |
| 05°36'W | 76.16' | V50 | S80°50'33"E | 16.25' |
| 13°10'E | 52.62' | V51 | N30°18'58"E | 18.34' |
| 1°36'13"E | 117.53' | V52 | N63°54'24"E | 11.12' |
| 1°32'15'W | 65.98' | V53 | N37°04'23"E | 17.89' |
| 1°50'48'E | 57.41' | V54 | S76°24'39"W | 43.35' |
| 7°18'14'W | 52.27' | V55 | S73°30'37"W | 58.59' |
| 7°16'29'E | 44.75' | V56 | S08°08'40"W | 47.15' |
| 7°16'29'E | 42.36' | V57 | S02°07'56"W | 43.66' |
| 2°29'20'E | 14.59' | V58 | S27°09'50"E | 33.07' |
| 2°02'16'W | 54.55' | V59 | S08°47'02"E | 33.14' |
| 4°31'35'E | 35.46' | V60 | S11°08'15"E | 37.11' |
| 5°56'08'W | 140.68' | V61 | S37°05'37"E | 41.32' |
| 1°45'44'E | 43.57' | V62 | S71°32'30"E | 72.72' |
| 3°16'29'W | 73.87' | V63 | S12°35'49"E | 41.46' |
| 4°30'28'W | 78.94' | V64 | S24°25'35"W | 27.35' |
| 7°18'14'E | 69.65' | V65 | S74°25'10"E | 56.49' |
| 1°58'48'W | 48.08' | V66 | S20°17'02"W | 47.47' |
| 9°32'15'E | 37.71' | V67 | S14°11'51"E | 58.22' |
| 71°26'13'W | 73.88' | V68 | S08°57'42"E | 47.08' |
| 52°44'55'W | 55.73' | V69 | S42°24'58"E | 34.14' |
| 05°41'38'E | 4.78' | V70 | S11°19'56"E | 53.82' |
| 34°22'57'W | 27.78' | V71 | S01°24'13"W | 66.49' |
| 59°46'17'W | 48.15' | V72 | S13°17'11"E | 22.12' |
| 76°51'01'W | 48.64' | V73 | N02°52'06"W | 26.17' |
| 55°14'16'W | 17.51' | V74 | N00°05'10"E | 77.17' |
| 54°56'12'W | 57.52' | V75 | N24°37'30"W | 42.08' |
| 25°27'14'W | 20.05' | V76 | N25°04'08"W | 35.98' |
| 67°15'20'W | 57.95' | V77 | N48°19'39"W | 47.38' |
| 82°24'11'W | 52.60' | V78 | N14°55'09"W | 61.32' |
| 69°14'25'W | 129.13' | V79 | N21°17'59"E | 46.29' |
| 71°08'09'W | 36.15' | V80 | N72°09'52"W | 54.68' |
| 04°27'40'W | 19.89' | V81 | N01°57'51"E | 28.78' |
| 59°19'47'W | 37.46' | V82 | N13°43'26"W | 38.93' |
| 69°39'12'W | 29.22' | V83 | N31°07'42"W | 73.82' |
| 62°43'09'E | 18.77' | V84 | N37°58'40"W | 42.53' |
| 80°44'03'W | 19.98' | V85 | N13°11'11"W | 38.49' |
| N67°45'55"E | 47.18' | V86 | N07°14'48"W | 20.94' |
| N71°32'15"E | 37.62' | V87 | S68°14'26"W | 22.72' |
| N63°15'55"E | 11.94' | V88 | N88°25'45"W | 16.11' |
| N74°31'35"E | 50.87' | V89 | S56°36'24"W | 11.91' |
| N82°36'36"E | 22.46' | V90 | S19°15'38"W | 23.45' |
| N43°49'22'E | 24.19' | V91 | S47°05'49"W | 38.44' |
| N62°06'36'E | 37.27' | V92 | S70°33'48"W | 27.77' |
| N16°12'43'E | 18.16' | V93 | S59°45'29"W | 79.28' |
| N54°45'57'E | 22.18' | V94 | S78°20'33"W | 26.99' |
| N79°09'47'E | 22.52' | V95 | S50°41'48"W | 25.87' |
| N80°36'26'E | 31.62' | V96 | N86°02'49"W | 22.72' |
| S62°58'23'E | 25.51' | V97 | S82°39'10"W | 23.32' |
| N17°25'34'E | 23.87' | V98 | S44°53'27"W | 8.75' |
| N61°09'20'E | 21.70' | V99 | S58°15'49"W | 17.07' |
| N50°11'52'E | 19.79' | V100 | S68°15'39"W | 17.44' |
| N56°12'45'E | 20.67' | V101 | S52°12'18"W | 24.74' |
| S77°01'49'E | 1.28' | V102 | S31°26'16"W | 28.17' |
| N65°09'58'E | 31.47' | V103 | S36°16'05"W | 21.66' |
| N51°19'24'E | 35.52' | V104 | N42°11'04"W | 26.96' |



LOT "C"
 ERIC & MARY JANE RIDGELY
 LOT "D"
 DANIEL W. & RUTH L. BOOKER
 LOT "E"
 ROBERT J. & MARY OTT
 LOT "F"
 DAVID R. BAUMANN

17

19

18

16

Preservation Parcel "A"

Preservation Parcel "A"

DRIVEWAY EASEMENT FOR INGRESS/EGRESS TO LOTS 1-4 AND PRESERVATION PARCEL A

Lot 1
 49,223 sq. ft.
 Lot 2
 49,393 sq. ft.
 Lot 3
 49,382 sq. ft.
 Lot 4
 49,770 sq. ft.

HOWARD COUNTY HEALTH DEPARTMENT
Bureau of Environmental Health
3025-H Ellicott Mills Drive
Ellicott City, MD 21043
461-9933

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation Replacement
Receipt # _____ Date _____
Name of Installer Sumnerland Co. Telephone 301 854 6838
License Number 249 Certified Well Pump Installer _____ Well Driller _____ Registered Plumber
Name of Property Owner Wayne + Kim Myers Telephone 410 552 5294
Subdivision Ladonia Lot # _____ Well Tag # 40941761
Site Address 37139 Frederick Rd Woodbine Md 21797

Pump
1. Type
a. Deep well jet _____
b. Shallow well jet _____
c. Submersible
2. Make Myers
3. Model # 25T52-5
4. Capacity 4 GPM GPM
5. Pump exceeds well capacity Yes _____ No
6. If Yes, is low pressure cutoff switch installed? Yes _____ No _____
7. What methods are used to protect the pump and electrical wiring from vibrations? Torque restrictors Cable guards _____ Other _____

Motor
1. Horsepower 1/2
2. RPM 3400
3. Voltage _____
a. 110 _____
b. 220

Pitless Adapter
1. Make Campbell
2. Model # B10K
3. Depth 5 ft

Tank
1. Capacity 40 Gal.
2. Pressure relief valve? 50 lbs yes

Piping
1. Type Plastic Poly
2. Size 1 inch
3. NSF and/or BCCA Code approved
4. Depth of supply line 380 Ft

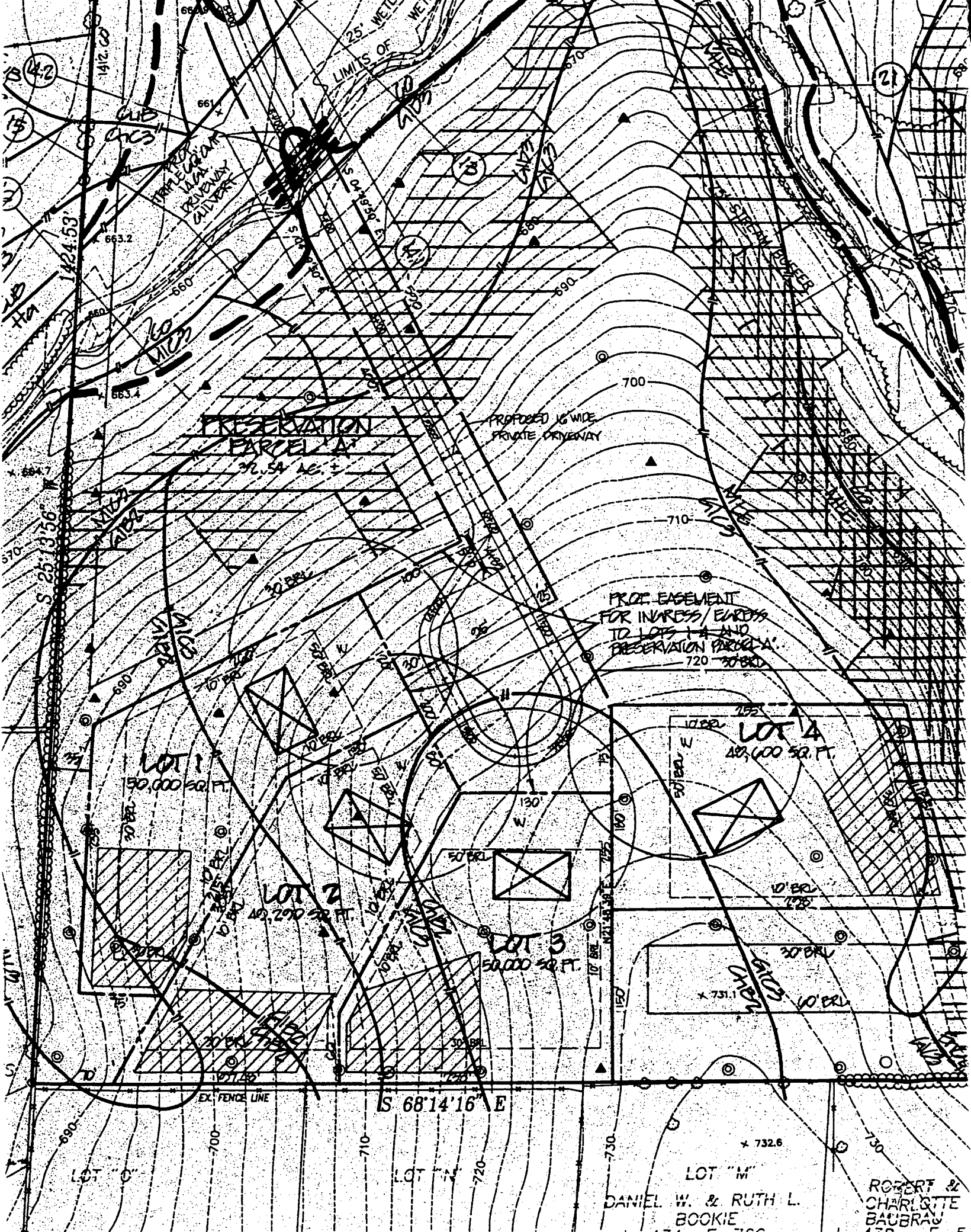
Well data
1. Depth 400 ft.
2. Yield 4 GPM
3. Static water level 100 ft.
4. Will water supply be disinfected by installer? yes

I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

All information given above is true to the best of my knowledge.

Signature of Applicant: [Signature]
Date: 12-15-00

Note: A sticker indicating approval/status of the installation will be placed on the well casing at the time of the inspection.



PRESERVATION PARCEL

PROPOSED 16' WIDE PRIVATE DRIVEWAY

PROP. EASEMENT FOR INGRESS/EGRESS TO LOTS 1-3 AND PRESERVATION PARCEL
720-3088D

LOT 1
50,000 SQ. FT.

LOT 2
49,297 SQ. FT.

LOT 3
50,000 SQ. FT.

LOT 4
49,000 SQ. FT.

S 68°14'16" E

LOT "M"
DANIEL W. & RUTH L. BOOKIE

ROBERT & CHARLOTTE BAUBRAV

William S. Doyle R.L.S. Inc.

PROFESSIONAL LAND SURVEYOR 6440

SINCE 1873

6612 EMERALD DRIVE SYKESVILLE, MARYLAND 21784 PHONE & FAX NO. (410) 795-2210

2.2 MILES ± TO MD. ROUTE 94

LOCATION DRAWING

17129 FREDERICK ROAD (MD. ROUTE 144) LIBER 4834, FOLIO 462 LOT 2 PLAT OF LANIARD PROPERTY PLAT NO. 13586 4TH ELECTION DISTRICT HOWARD COUNTY, MD.

DRIVEWAY EASEMENT FOR INGRESS & EGRESS TO LOTS 1-4 AND PRESERVATION PARCEL A

LOT 1

LOT 4

LOT 3

500G LP TANK

BP# B00146781

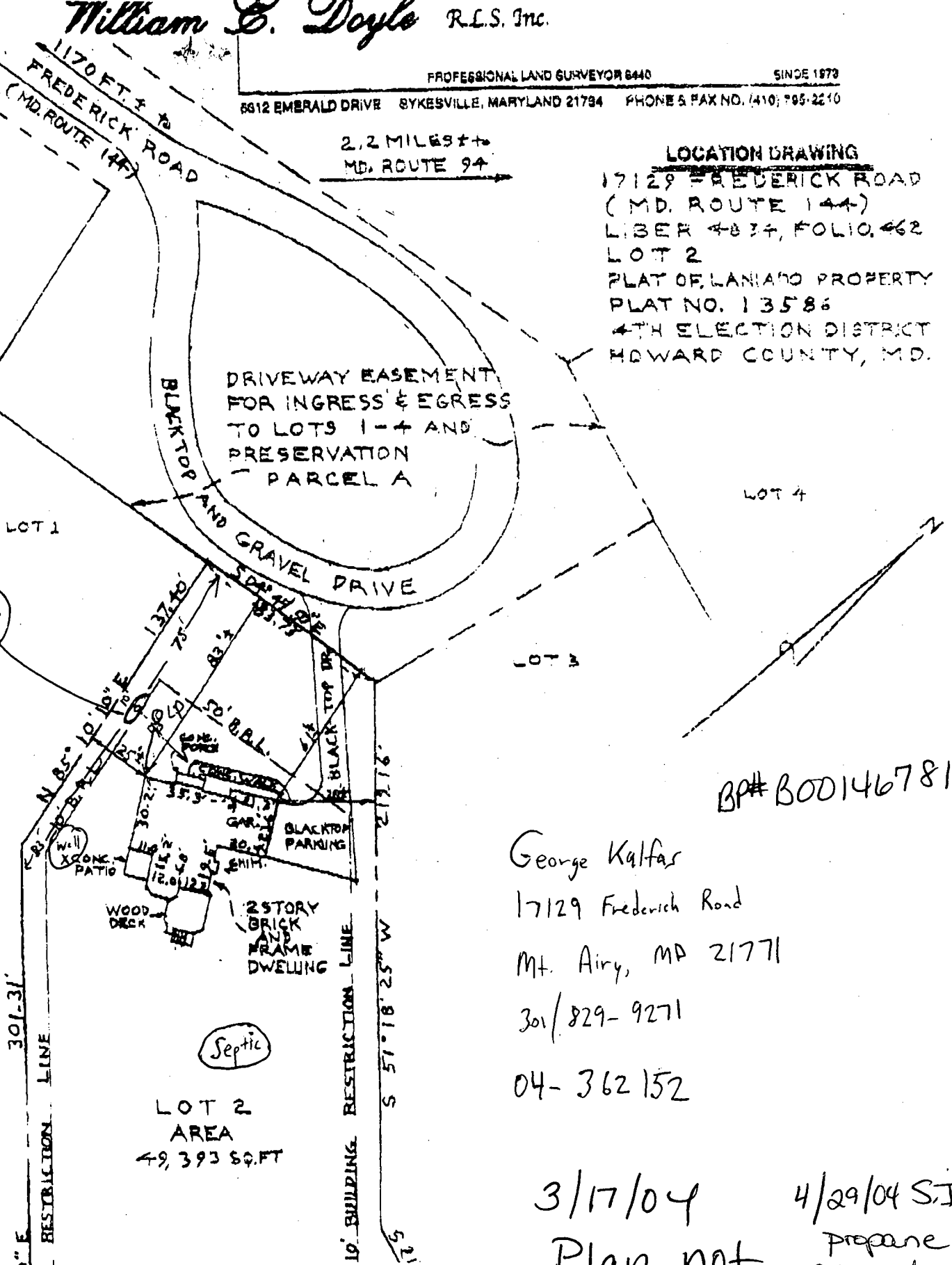
George Kalfas

17129 Frederick Road

Mt. Airy, MD 21771

301/829-9271

04-362152



LOT 2 AREA 49,393 SQ. FT

Septic

3/17/04

4/29/04 S.I.

Plan not to scale

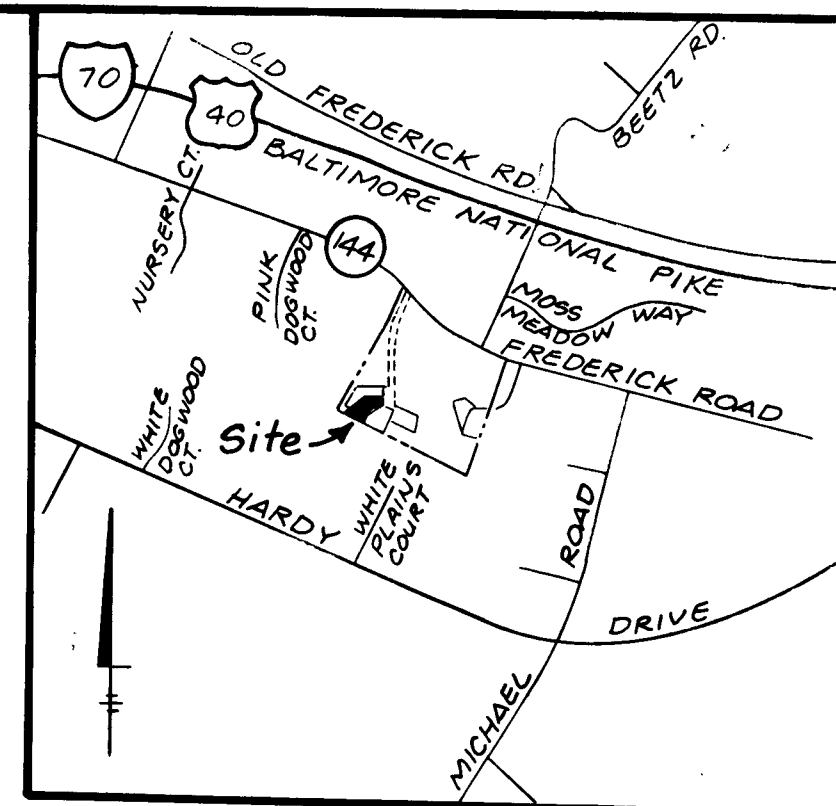
Prepared in ground. Received permission from Mr. Kalfas to verify well use & LP tank. KN

LP 28' from corner of house.

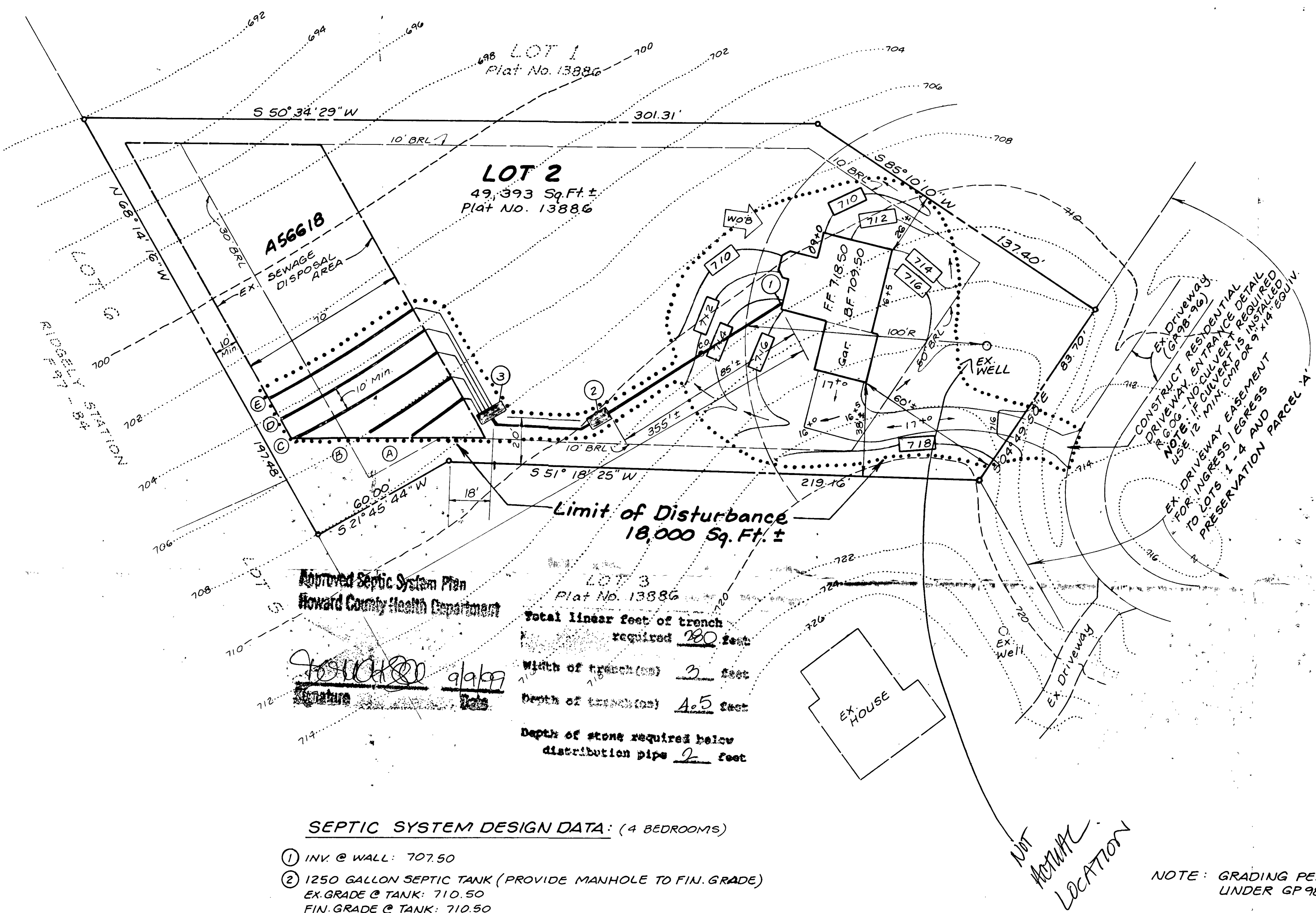
ASLde18/B
P512704

2011/15 0017:37

12/15/11 11:11



VICINITY MAP
Scale: 1" = 200'



Approved Septic System Plan
Howard County Health Department

[Signature]
Date: 8/99

LOT 3
Plat No. 13886

Total linear feet of trench required 280 feet
 Width of trench (min) 3 feet
 Depth of trench (min) 4.5 feet
 Depth of stone required below distribution pipe 2 feet

SEPTIC SYSTEM DESIGN DATA: (4 BEDROOMS)

- ① INV. @ WALL: 707.50
 - ② 1250 GALLON SEPTIC TANK (PROVIDE MANHOLE TO FIN. GRADE)
 EX. GRADE @ TANK: 710.50
 FIN. GRADE @ TANK: 710.50
 INV. IN.: 706.60
 INV. OUT.: 706.30
 - ③ DISTRIBUTION BOX (PROVIDE 5 MIN. OUTLETS)
 EX. GRADE @ BOX: 707.80
 FIN. GRADE @ BOX: 707.80
 INV. @ 705.90
 - ④ TRENCH DESIGN: 210 SF/BR (4BR x 210 SF = 840 SF ÷ 3 WIDTH = 280 LF)
- | | (A) | (B) | (C) | (D) | (E) |
|----------------|--------|--------|--------|--------|--------|
| TOP GRADE: | 706.90 | 706.00 | 705.00 | 704.20 | 702.40 |
| INVERT: | 704.90 | 704.00 | 703.00 | 702.20 | 700.40 |
| BOTTOM TRENCH: | 702.90 | 702.00 | 701.00 | 700.20 | 698.40 |
| LENGTH: | 30 ft. | 40 ft. | 70 ft. | 70 ft. | 70 ft. |
| WIDTH: | 3 ft. | 3 ft. | 3 ft. | 3 ft. | 3 ft. |

EX. DRIVEWAY (GP 98-96)
 CONSTRUCT RESIDENTIAL DRIVEWAY. EN TRANCE DETAIL R 602 - NO. CULVERT REQUIRED. USE 12" MIN. CMP OR 9" x 14" EQUIV.
 EX. DRIVEWAY EASEMENT FOR LOTS 1, 4 AND PRESERVATION PARCEL A.

NOTE: GRADING PERMIT FOR THIS LOT WAS APPROVED UNDER GP 98-96.

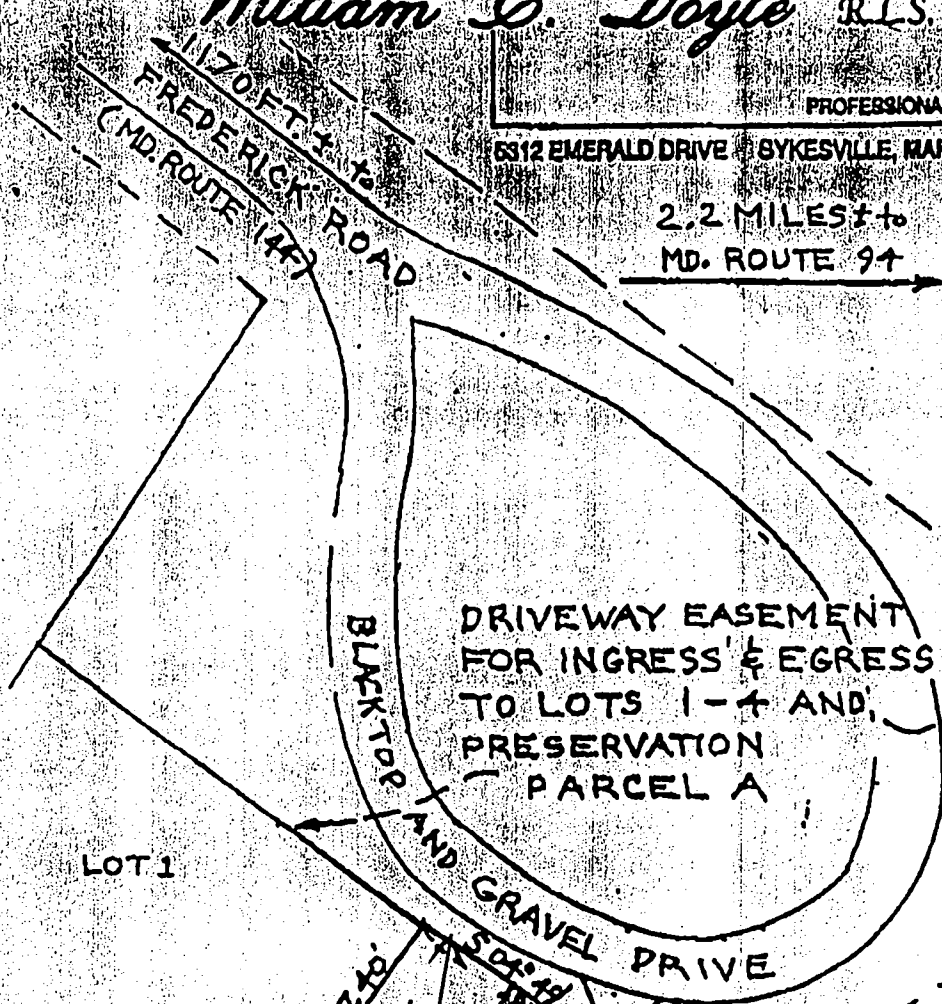
* Approved IBD site plan *

| | | |
|--|---|---------------------|
| LDE, INC. | | |
| 9250 Rumsey Road, Suite 106, Columbia, MD. 21045 (410) 715-1070 (301) 596-3424 (410) 715-9540 (Fax) | | |
| Designed: BDB | PLOT PLAN FOR BUILDING PERMIT | Scale: 1" = 30' |
| Drawn: KBW | LANIADO PROPERTY LOT No. 2 | Drawing 1 of 1 |
| Checked: BDB | TAX MAP 7 GRID 2 PIO PARCEL 8 4 TH ELECTION DISTRICT HOWARD CO., MD Previous Submittals: GP 98-96 | LDE Job # 99-047 |
| Date: 8/99 | DEVELOPER CUMBERLAND DEVELOPMENT CORP. 16391 A. E. Mullinix Road Woodbine, MD. 21797 | File No. |

2.2 MILES +/-
MD. ROUTE 94

LOCATION DRAWING

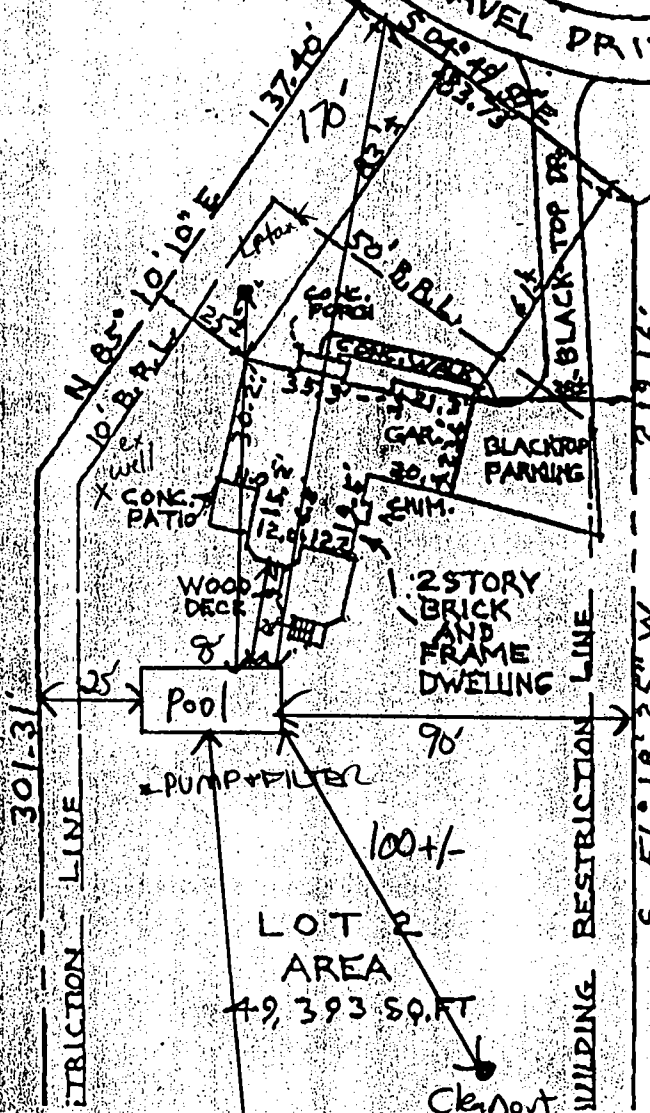
17129 FREDERICK R
(MD. ROUTE 144)
LIBER 4834, FOLIO
LOT 2
PLAT OF LANIADO PROP
PLAT NO. 13586
4TH ELECTION DIST
HOWARD COUNTY,



LOT 1

LOT 4

LOT 3



15' x 35' Inground Fiberglass
3'5" - 8'2"

- Left - 90'
- Right - 25'
- Front - 170'
- Back - 210'
- House - 28'
- Well - 95'40'
- Septic - 100'4'

APPROVED

WALK-THRU BUILDING PERMIT
BP# BP151234 A# P512370
APP. SAN LAURE DATE: 9-18-04
DESC. OF WORK: pool loc.

OK
Appears 25' well to house is to foundation power main in 1999. Approved by [Signature]

Tri-County Pools, Inc.
13410 Moser Road
Thurmont, Maryland 21788
(301) 898-3030

THIS IS TO CERTIFY THAT THIS HOUSE DOES NOT LIE WITHIN A FLOOD PLAIN UNLESS SHOWN HEREON.

SURVEYOR'S CERTIFICATE

The undersigned, a registered surveyor in the state of Maryland, hereby certify that he is the surveyor who prepared this plat and plat has been prepared in compliance with the Code of Maryland Regulations Subtitle 13 Board for Professional Land Surveyors 09.15 covering the minimum standards of practice insofar as the concerns the making of the plat and/or setting of the markers.

Signed This 23rd day September 2002



SCALE 50 ft. = inch

W.S. Doyle