

C.O. Tanks delivered
11/28/00 between 9-930
11/9/00 - WPE - AM

PERMIT

P 514616

INDEXED

SEWAGE DISPOSAL SYSTEM

A 513351

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

410-313-2640

ISSUE DATE 10/30/2000

APPROVAL DATE 11/8/00

09-310799

K & K Excavating IS PERMITTED TO INSTALL ALTER

ADDRESS 14960 Frederick Road, Woodbine, MD 21797 PHONE 410-442-1336

SUBDIVISION Daisy Hill Estates LOT NUMBER 3 ADDRESS 15754 Union Chapel Road

PROPERTY OWNER Stephen M Borrer PROPERTY OWNER'S ADDRESS 304 H Gatehouse Lane

SEPTIC TANK CAPACITY 1250 GALLONS Odenton, MD 21113

PUMP CHAMBER CAPACITY GALLONS

NUMBER OF BEDROOMS 4 ** WATERTIGHT SEPTIC TANK REQUIRED **

SQUARE FEET PER BEDROOM 210

LINEAR FEET OF TRENCH REQUIRED 280

TRENCHES: Trenches to be 3 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 6 feet below original grade. 2 feet of stone below distribution box.

LOCATION: Place the distribution box 145 feet down the left lot line and 85 feet off this same lot line. Run trenches on contour to left side of lot.

Requested layout: 60', 70', 70', 80' 10/3/00 C.R. (BB)

* Contractor is to verify that gravity flow out of the septic tank is possible to the high end of the SNA - If possible, install trenches as shown on the approved BP plan & del

PLANS APPROVED Mark Rifkin DATE 9/7/2000

PERMIT VOID AFTER 2 YEARS

NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS

NOTE: TOP OF SEPTIC TANKS ARE TO BE NO DEEPER THAN 3.0 FEET BELOW FINISH GRADE

NOTE: WATERTIGHT SEPTIC TANKS REQUIRED

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

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

NOTE: NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH UNLESS SPECIFICALLY AUTHORIZED

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 35/40 PVC OR ABS

NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

NOTE: IF PUMPED SEPTIC SYSTEM REQUIRED, (1) SEPTIC PUMP DETAIL TO BE PROVIDED BY INSTALLER PRIOR TO ISSUANCE OF SEPTIC PERMIT (2) PUMP PERFORMANCE TEST IS NECESSARY PRIOR TO HEALTH DEPARTMENT APPROVAL OF SEPTIC PERMIT

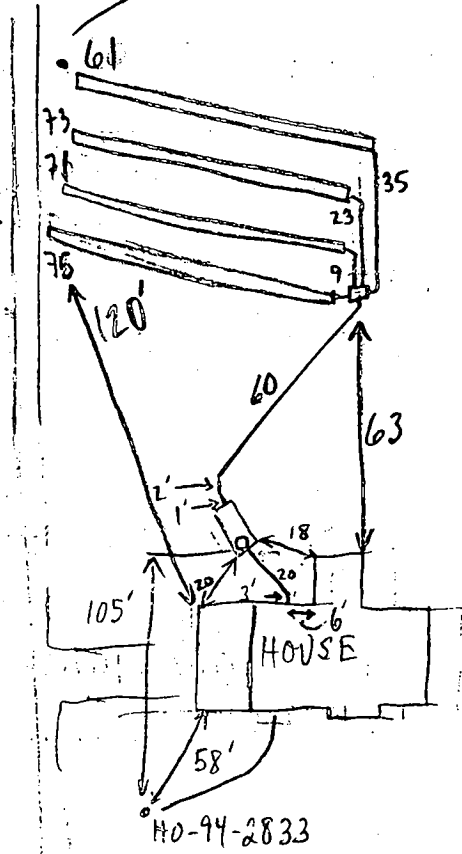
NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM

PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT
CALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM

A513351

NOT TO SCALE

lower perc stakes



UNION CHAPEL ROAD

TRENCH DATA

TRENCH WIDTH 3

TRENCH INLET DEPTH 3.5

TRENCH BOTTOM DEPTH 5.5

DEPTH OF STONE 2

NUMBER OF TRENCHES 4

TOTAL TRENCH LENGTH 280

ABSORBENT AREA 840

DISTRIBUTION BOX LEVEL

BAFFLE IN DISTRIBUTION BOX

SEPTIC TANK DATA

SEPTIC TANK 1500 TS GALLONS

MANHOLE RISER

6 INCH INSPECTION PORT

PUMP CHAMBER DATA

~~PUMP CHAMBER GALLONS _____~~

~~MANHOLE RISER _____~~

~~ALARM _____~~

~~PUMP PERFORMANCE TEST _____~~

PRE-CONSTRUCTION INSPECTION: 11/8/00 ^{A.M.} S.T. SET; TRENCH LAYOUT OK; OK TO RUN 4" PIPE DIAGONAL FROM S.T. TO D.B.; CONTINUE

INSPECTION COMMENTS: 11/8/00 PM OK TO COVER (MR)

INSPECTOR M. Ripkin

DATE SYSTEM APPROVED 11/8/00

REVISED
 Approved Septic System Plan
 Howard County Health Department

Ann McMill
 Signature

10/16/00
 Date

LOT 3
 84,707

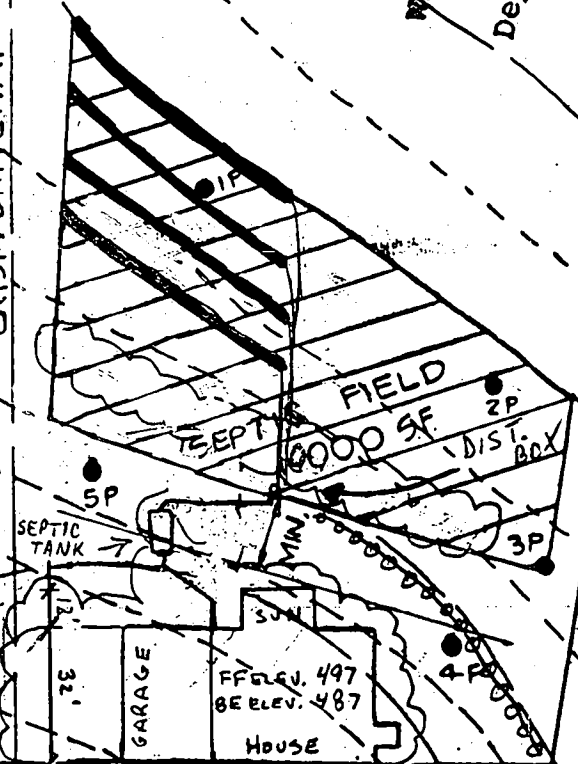
Total Linear feet of Trench Required 220 feet
 Width of trench(es) 3 feet
 Depth of trench(es) 6 feet
 Depth of stone required below distribution pipe 3.0 feet

535°06'00"W - 435.17'

12°30'W - 50.00'
 N 25°41'30"E - 275.00'

1/1 F
 HOUSE INV. 490.0
 S.T. INV 489.0
 OUT 488.5
 S.T. GRADE 492.0
 DIST. BOX INV. 486.0

EXIST. DRIVEWAY



U.C.R.

PROP. WELL
 ALT. WELL
 ALT. WELL

UNION CHAPEL ROAD

EN. F. PAUL & MAURICE SS
 L 517 F. 465

10/16/00 - owner Steve Bohr requested to place 1st septic system in low portion of SDA so that when he perc's his property in the 2001 spring wet season to move SDA downhill to put a pool - the septic system is not where he wants pool. permission given provided gravity flow to the high end (out of the septic tank) is provided for in case the perc's fail. Mr Bohr was advised that they may not pass a pool may not be possible all

EX. WELL

N 64°12'30"W - 144.08'

S 64°12'30"E - 264.47'

**HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
WATER AND SEWERAGE PROGRAM
TEL: (410)313-2640 FAX: (410)313-2648**

Information Form for the Installation of the Well Pump, Pitless Adapter, and Supply Piping

NOTE: The installer is responsible for requesting an inspection prior to 9 am on the day of the desired inspection. No work is to be covered until approved by the Health Department. All installations must comply with the National Standard Plumbing Code (NSPC, as amended locally) and COMAR 26.04.04 (MD Well Construction Regulations). Submission of a complete form is required prior to Use and Occupancy approval.

Company Name: Michael P Gartland Inc Telephone #: (410) 549-1755
Address: 6984 Runkles Rd
Mt. Airy MD 21771

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer
License # and name of individual responsible for the field installation:
Name (Print): Michael Gartland License# 6353
*A licensed individual must perform the actual installation. Apprentices must be under the direct supervision of a licensed journeyman or master plumber, pump installer or well driller. Licenses may be subjected to field verification.

Name of Property Owner: Stephen Barrer Telephone #: (410) 557-9875
Subdivision: Daisy Lot #: 3 Well Tag #: HO-94-2833
Site Address: 15754 Union Chapel Rd
Woodbine, MD 21797

<u>Submersible Pump Data</u>	<u>Pitless Adapter</u>	<u>Well Cap and Electric Conduit</u>
Make: <u>Jazzini Grund</u>	Make: <u>Amer. Granby</u>	Two piece watertight cap: <input checked="" type="checkbox"/>
Model #: <u>T754517052</u>	Model #: <u>PT600</u>	Screened, vented well cap: <input checked="" type="checkbox"/>
Pump Capacity <u>10.5</u> GPM	Depth <u>42'</u> (36" min)	Cap secured to casing: <input checked="" type="checkbox"/>
Well Yield: <u> </u> GPM	NSF approved: <input checked="" type="checkbox"/>	Conduit min 18" B.G.: <input checked="" type="checkbox"/>
Depth of well encountered at time of pump installation: <u> </u> (feet)		Conduit secured to well cap: <input checked="" type="checkbox"/>

If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.8.4
Torque arrestors or Cable guards are required - Must circle one
Safety rope, if used, attached to inside of well casing with eye bolt

<u>Piping to house</u>	<u>House Connection</u>
Type: <u>1" Plastic</u>	PVC sleeved to undisturbed soil at wall penetration: <u>Yes</u>
PSI: <u>160</u> (160 psi min)	Approximate length of sleeve: <u>4'</u>
Depth of supply line: <u> </u> (36" min)	Sleeve caulked and sealed properly: <u>Yes</u>

The water supply line is required to be at least ten feet from the septic tank, pump chamber, sewage piping, distribution box, drainfields, and sewage reserve area. If this cannot be accomplished, contact this office for approval prior to installation.

Signature of company representative responsible for installation: Michael Gartland date: 11/8/00

For Health Department Use Only - Not to be completed by Installer

Date Insp. Requested: 11/9/00 AM Date Insp. Approved: 11/9/00

Inspection Data:

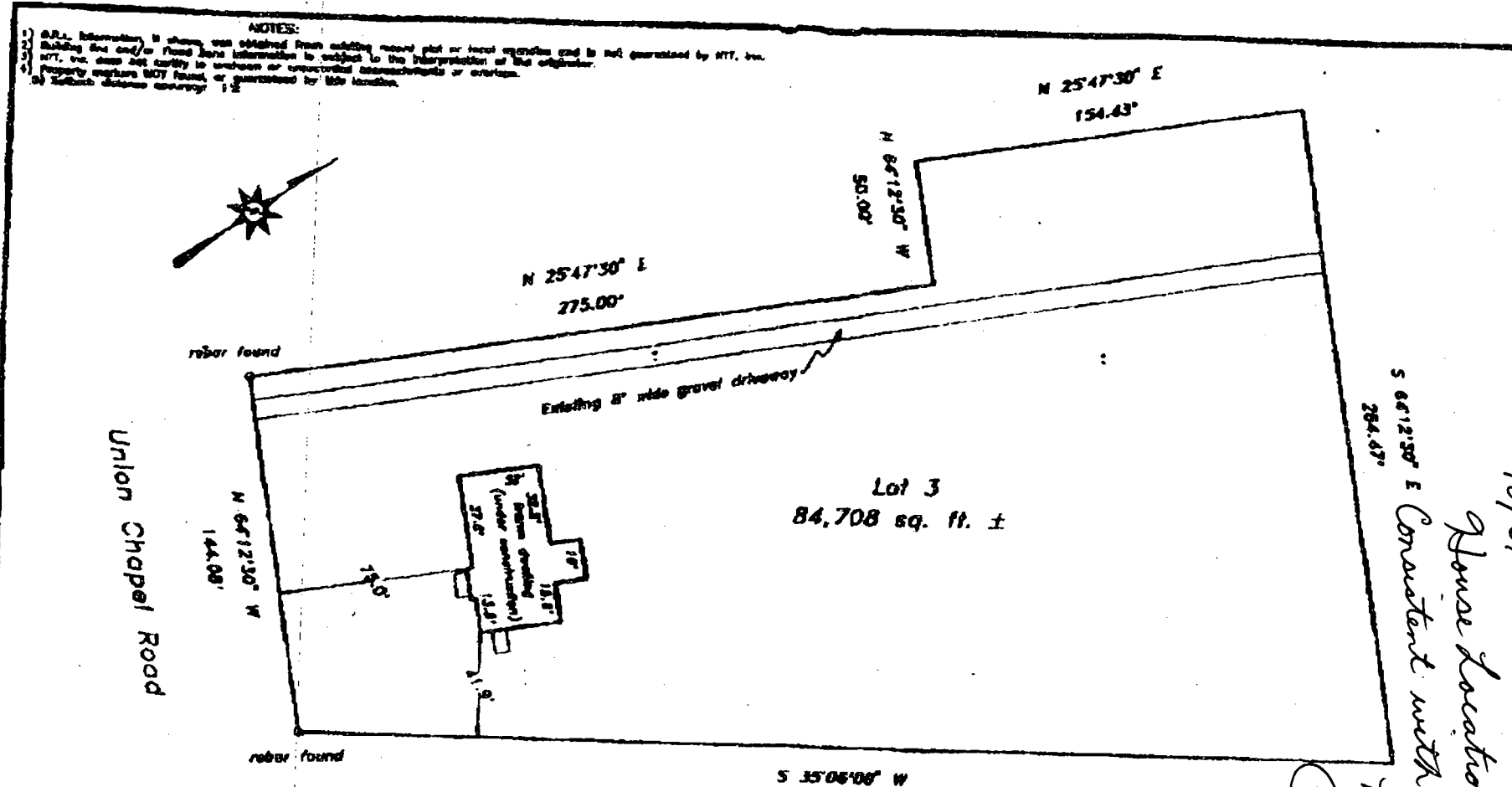
Pitless adapter and water supply line at least 36" below grade	<input checked="" type="checkbox"/>
Two piece cap installed and attached to casing securely	<input checked="" type="checkbox"/>
Elec. conduit extends at least 18" below grade/attached to cap properly	<input checked="" type="checkbox"/>
Safety rope installed inside of well casing	<input checked="" type="checkbox"/>
Correct well tag attached properly and casing 8" above finished grade	<input checked="" type="checkbox"/>
Water supply line sleeved adequately at house connection	<input checked="" type="checkbox"/>
Adequate grout observed below pitless adapter	<input checked="" type="checkbox"/>

SRK
OK MR

10/6/00

House location
Crestant with B.P.
Plan

(B.B.)



NOTES:
 1) A.P.S. information shown was obtained from existing record plat or local government and is not guaranteed by NTT, Inc.
 2) Building and other found data information is subject to the interpretation of field engineer.
 3) NTT, Inc. does not certify to existence or construction measurements or criteria.
 4) Property features NOT found, or guaranteed by this location.
 5) Sublot distance coverage: 1:2



Union Chapel Road

Lot 3
84,708 sq. ft. ±

Subject property is shown in Zone C on the FIRM Map of Howard County Maryland on Community Panel 240044 0014 B Effective December 4, 1986

This is to certify that I have surveyed the property shown hereon, being known as Lot 3 15750 Union Chapel Road and recorded among the land records of Howard County, Maryland in Plat 3869, folio 648 for the purpose of locating the improvements thereon.

This plat is of benefit to the consumer only insofar as it is required by a lender or a title insurance company or its agent in connection with contemplated transfer, financing, or refinancing purposes. This plat is not to be relied upon for the establishment of location of fences, parages, buildings, or other existing or future structures. This plat does not provide for the accurate identification of property boundary lines, but such identification may not be required for the transfer of title or for securing financing or refinancing.



LOCATION DRAWING
 15750 Union Chapel Road
 4th election district
 HOWARD COUNTY, MARYLAND

NTT Associates, Inc.
 16205 Old Frederick Road
 Mt. Airy, Maryland 21771
 Ph. (410)442-2031
 Fax No. (410)442-2031

Scale: 1" = 60'
 Date: 9/25/2000
 Field By: JCH
 Drawn By: JCH

Note to file:

RE: POOL PERMIT

Spoke to Steve Borrer

- To adjust SDA lower on the property wet season is needed
NO waiver/variance to separation distances to H₂O - possibility that it may not pass - therefore pool permit could not be issued
- OK to install septic lower into SDA in case perc passes & they can adjust SDA downhill for pool & not have to tear out ex. system to build pool. BUT he must prove gravity to high end & provide for it during installation to install in lower portion of SDA

A We'll

Approved Septic System Plan
Howard County Health Department

Mark Paffen
Signature

9/7/00
Date

LOT 3
84,707

Total Linear feet of trench
Required 200 feet
width of trench(es) 3 feet
Depth of trench(es) 6 feet
Depth of stone required below
distribution pipe 2.0 feet

EX. WELL

N 25° 47' 30" E - 154.43'

S 64° 12' 30" E - 264.47'

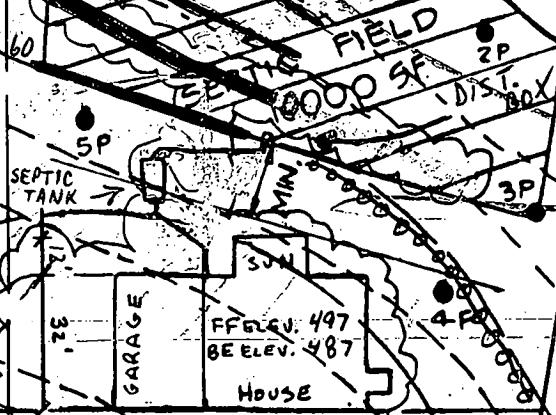
STEVEN F. PAUL & MAURICE SS
L 517 F. 465

4° 12' 30" W - 50.00'

N 25° 47' 30" E - 275.00'

EXIST. DRIVEWAY

N/F
HOUSE INV. 490.0
S.T. INV 489.0
OUT 488.5
S.T. GRADE 492.0
DIST. BOX INV. 486.0



54' x 36'
24' x 40' x 8'

PROP. WELL
ALT. WELL
ALT. WELL

EX. WELL

N 64° 12' 30" W - 144.08'

UNION CHAPEL ROAD

U.C.R.

490
480

414

416
418

482

486

488

EXIST. DRIVEWAY

BD0106060

Building Address: **15754 Union Chapel Rd**
Woodline MD 21797
 Suite/Apt #: **NA** SDP/W/P/Petition #: **NA**
 Census Tract: **6040** Subdivision: **DAISY**
 Section: **NA** Area: **NA** Lot: **3**
 Tax Map: **14** Parcel: **172** Grid: **13**
 Zoning: **RCDEP** Coordinates: **865** Lot size: **1.94 AC**

Property Owner's Name: **STEPHEN M BORROR**
 Address: **304 H GATEHOUSE LANE**
 City: **ODENTON** State: **MD** Zip Code: **21113**
 Home Phone: **410-551-7975** Work Phone: **301-679-1692**
 Applicant's Name & Mailing Address, (if other than stated hereon):
 Name: **SAME AS ABOVE** Phone: **SAME AS ABOVE** Fax:

Existing Use: **RAW LAND**
 Proposed Use: **SINGLE FAMILY DWELLING**
 Estimated Construction Cost: **\$ 162,000**
 Description of Work: **CONSTRUCT A 2-STORY W/BSMT BRICK FRONT 4 BR ROOMS 2.5 BATHS, SUN ROOM + 3 CAR GARAGE**

Contractor Company: **BAV AREA**
 Contact Person: **STEPHEN M BORROR**
 Address: **304 H GATEHOUSE LANE**
 City: **ODENTON** State: **MD** Zip Code: **21113**
 License No.: **47213** Phone: **410-551-7975** Fax: **410-551-7975**

Occupant or Tenant: **STEPHEN BORROR**
 Contact Name: **SAME AS ABOVE**
 Address: **304 H GATEHOUSE LANE**
 City: **ODENTON** State: **MD** Zip Code: **21113**
 Phone: **410-551-7975** Fax: **410-551-7975**

Engineer or Architect Company: **RECHMARK**
 Contact Person: **MIKE VISCACHA**
 Address:
 City: **ELLICOTT** State: **MD** Zip Code:
 Phone: **410-465-6105** Fax:

BUILDING DESCRIPTION - COMMERCIAL	
Building Characteristics	Utilities
Height: _____	Water Supply: <input type="checkbox"/> Public <input checked="" type="checkbox"/> Private
No. of stories: 2 w/ BASEMENT	Sewage Disposal: <input type="checkbox"/> Public <input checked="" type="checkbox"/> Private
Gross area, sq. ft. per floor: _____	Electric: Yes <input type="checkbox"/> No <input type="checkbox"/>
Use group: _____	Gas: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Construction type: <input type="checkbox"/> Reinforced Concrete <input type="checkbox"/> Structural Steel <input type="checkbox"/> Masonry <input checked="" type="checkbox"/> Wood Frame	Heating System: <input type="checkbox"/> Electric <input type="checkbox"/> Oil <input checked="" type="checkbox"/> Natural Gas <input type="checkbox"/> Propane Gas <input type="checkbox"/>
<input type="checkbox"/> State Certified Modular	Sprinkler system: <input type="checkbox"/> Full <input type="checkbox"/> Partial <input type="checkbox"/> Other Suppression <input type="checkbox"/> # of Heads: _____

BUILDING DESCRIPTION - RESIDENTIAL	
Building Characteristics	Utilities
SF Dwelling <input checked="" type="checkbox"/> SF Townhouse <input type="checkbox"/>	Water Supply: <input type="checkbox"/> Public <input checked="" type="checkbox"/> Private
1st floor: 44	Sewage Disposal: <input type="checkbox"/> Public <input checked="" type="checkbox"/> Private
2nd floor: 432	Electric: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Basement: 44	Gas: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Finished Basement <input type="checkbox"/> Unfinished Basement <input checked="" type="checkbox"/>	Heating System: <input type="checkbox"/> Electric <input type="checkbox"/> Oil <input checked="" type="checkbox"/> Natural Gas <input type="checkbox"/> Propane Gas <input type="checkbox"/>
Crawl space <input type="checkbox"/> Slab on Grade <input type="checkbox"/>	Sprinkler system: <input type="checkbox"/> N/A <input checked="" type="checkbox"/> NFPA #13D <input type="checkbox"/> NFPA #13R <input type="checkbox"/> Other: _____
No. of Bedrooms: 4	State Certified Modular <input type="checkbox"/> Manufactured Home <input type="checkbox"/>
Multi-family dwellings: _____	
No. of efficiency units: _____	
No. of 1 BR units: _____	
No. of 2 BR units: _____	
No. of 3 BR units: _____	
Other Structure: _____	
Dimensions: _____	
Footings: _____	
Roof: _____	

THE UNDERSIGNED HEREBY CERTIFIES AND AGREES AS FOLLOWS: (1) THAT HE/SHE IS AUTHORIZED TO MAKE THIS APPLICATION; (2) THAT THE INFORMATION IS CORRECT; (3) THAT HE/SHE WILL COMPLY WITH ALL REGULATIONS OF HOWARD COUNTY WHICH ARE APPLICABLE THERETO; (4) THAT HE/SHE WILL PERSONALLY WORK ON THE ABOVE REFERENCED PROPERTY NOT SPECIFICALLY DISCLOSED IN THIS APPLICATION; (5) THAT HE/SHE GRANTS COUNTY OFFICIALS THE RIGHT TO ENTER ONTO THIS PROPERTY FOR THE PURPOSE OF INSPECTING THE WORK PERMITTED AND POSTING NOTICES.

Applicant's Signature: **Stephen M Borr**
 Title/Company: **OWNER / BAV AREA**

Print Name: **STEPHEN BORROR**
 Date: **18 AUG 00**

Checks payable to: **DIRECTOR OF FINANCE OF HOWARD COUNTY**
 ** PLEASE WRITE NEATLY AND LEGIBLY **
FOR OFFICE USE ONLY

AGENCY	DATE	SIGNATURE APPROVAL
Land Development DPZ	8/14/00	[Signature]
State Highways		
Building Official		
Dev/Engineering DPZ	9/2/00	Mark [Signature]
Health		
Env Protection		
Sediment Control approval required prior to issuance? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		
CONTINGENCY CONSTRUCTION START <input type="checkbox"/>		
ONE STOP SHOP <input type="checkbox"/>		

DPZ SETBACK INFORMATION	PROPERTY ID#
Front: _____	47662
Rear: _____	20005
Side: _____	
Side St: _____	
All minimum setbacks met? YES <input type="checkbox"/> NO <input type="checkbox"/>	Filing fee \$ 25
Is Entrance Permit required? YES <input type="checkbox"/> NO <input type="checkbox"/>	Permit fee \$ _____
Historic District? YES <input type="checkbox"/> NO <input type="checkbox"/>	Excise tax \$ _____
Lot Coverage for New Town Zone _____	Sub-total paid \$ _____
SDP/Red-line approval date _____	Add'l permit fee \$ _____
	TOTAL FEES \$ _____
	Balance due \$ _____
	Check cash # _____
	Validation # 30720
	Accepted by: [Signature]



HOWARD COUNTY HEALTH DEPARTMENT

Diane L. Matuszak, M.D., M.P.H., County Health Officer

September 25, 2000

MEMORANDUM

TO: Mr. Stephen Borrer
304 H Gatehouse Lane
Odenton, Maryland 21113

FROM: Donna K. Clark, R.S. 
Water and Sewerage Program

RE: Request for septic area relocation to accommodate proposed pool
Daisy Hill Estates, lot #3
15754 Union Chapel Road

This office has recently received the above referenced request; however, we are unable to approve the request at this time. Prior to consideration for approval of the proposed relocated septic reserve area, additional percolation testing shall be necessary to confirm soil conditions in the area proposed.

If you wish to continue with the proposal, please submit to this office a percolation test application along with the necessary test fee (\$225.00). Upon receipt of the requested information, a test date shall be assigned and you will receive notification by mail.

Thank you in advance for your cooperation regarding this matter.

DKC
Cc: file

15780 U.C.R.

V/P
XAS A.
DETTE C. HILL
38 F 561

WELL

N 25° 47' 30" E - 154.43'

S 64° 12' 30" E - 264.41'

LOT 3
84,707 SF.

HOUSE INV. 490
SAT. IN 489.5'
OUT 489.2'
D.B. IN 486'

S 35° 06' 00" W - 435.17'

N 64° 12' 30" W - 50.00'

N 25° 47' 30" E - 215.00'

EXIST. CRIEYWAY

D
JUSTED N/P
HARRY L. JR. &
MARY K. EYRE
L 506 F 201
L 508 F 515
L 530 F 571

S 73° 42' 00" W - 500.00'

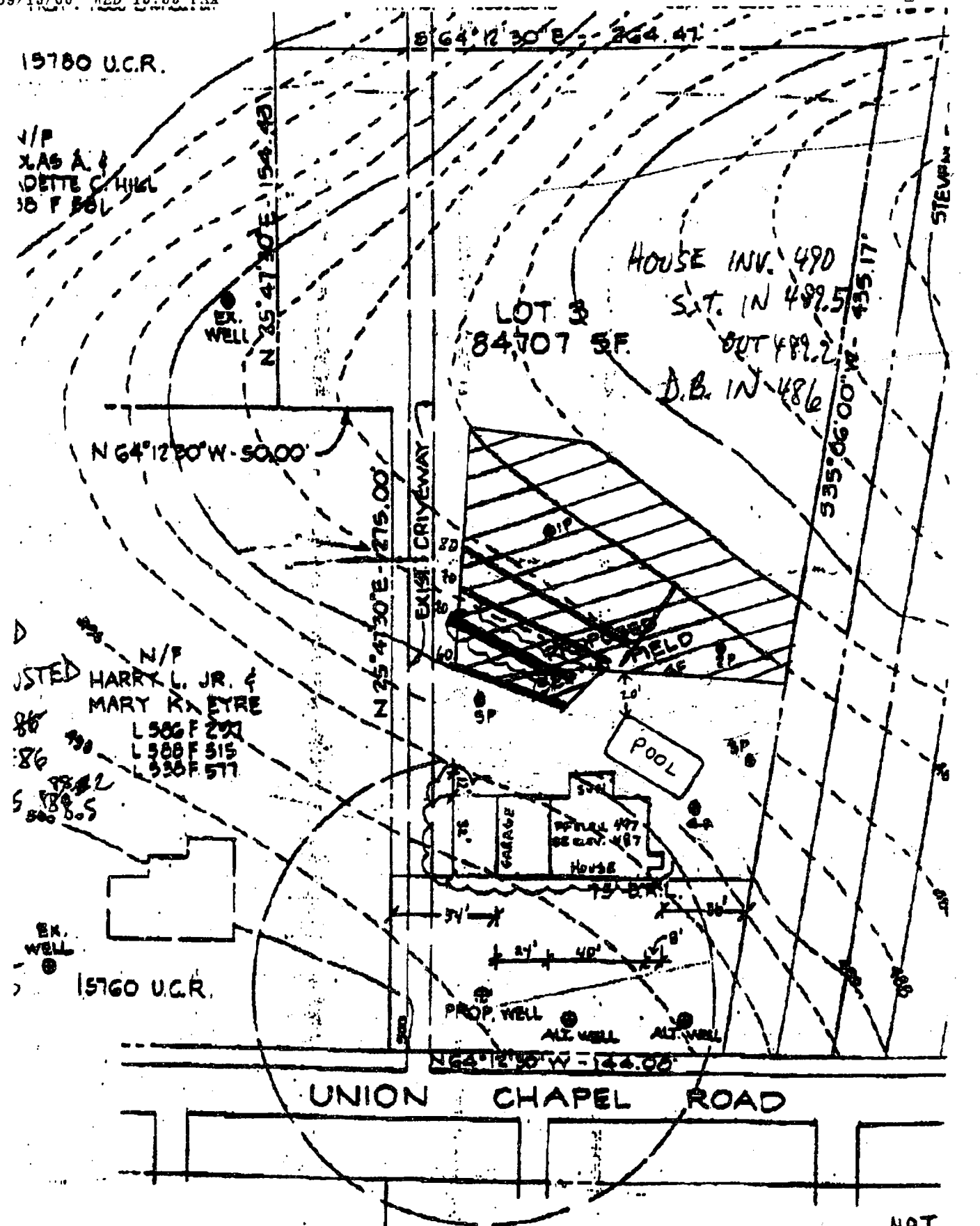
EX. WELL

15760 U.C.R.

N 64° 12' 30" W - 144.00'

UNION CHAPEL ROAD

NOT



JOHN POLLOIC
301-854-6902

WHAT IS NECESSARY
FOR THIS TO BE A
BUILDABLE LOT?

NO FEE <sup>TO KEEP EXISTING
AREA</sup>
RECOMMEND

HIGH & LOW
RETEST

8/3/98
CW

DEZEL SMITH
Heleming
10/28/70
4:31

APPLICATION

A 15583

SEWAGE DISPOSAL TESTING UNAPPROVED SUBS

P _____

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY Septic tank to be 1000 gal

ELLICOTT CITY

DISTRICT 4th

Dry well to be 435 sq ft of absorbent
silt wall area below the inlet pipe. Map in
depth of dry well to be 13 ft below original grade. Inlet pipe
to be 3 1/2 ft below original grade. Locate Dry well 45 ft
from the 275 ft left side line and 93 ft from the 50 ft left
side line. See original percolation test if location is not clear
~~See original percolation test if location is not clear~~
as lot is seen from standing on Union Chapel
Rd facing lot

DATE Oct. 14, 1970

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TESTS IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Steven F. Paul et al.

ADDRESS 1131 University Blvd., W., Silver Spring, MD 20902 PHONE 649-1500

PROPERTY LOCATION:

SUBDIVISION Daisy Hill Estates LOT NO. Three

ROAD AND DESCRIPTION Union Chapel Road, 350' east of Daisy Road

OCCUPANT NONE PHONE _____

PERSON TO CONSTRUCT SYSTEM _____

ADDRESS _____ PHONE _____

SIZE OF LOT 85,000 sq. ft. TYPE BLOC. Three
NUMBER OF BEDROOMS _____

IF NOT SINGLE RESIDENCE DESCRIBE _____

SIGNATURE OF APPLICANT Steven F. Paul

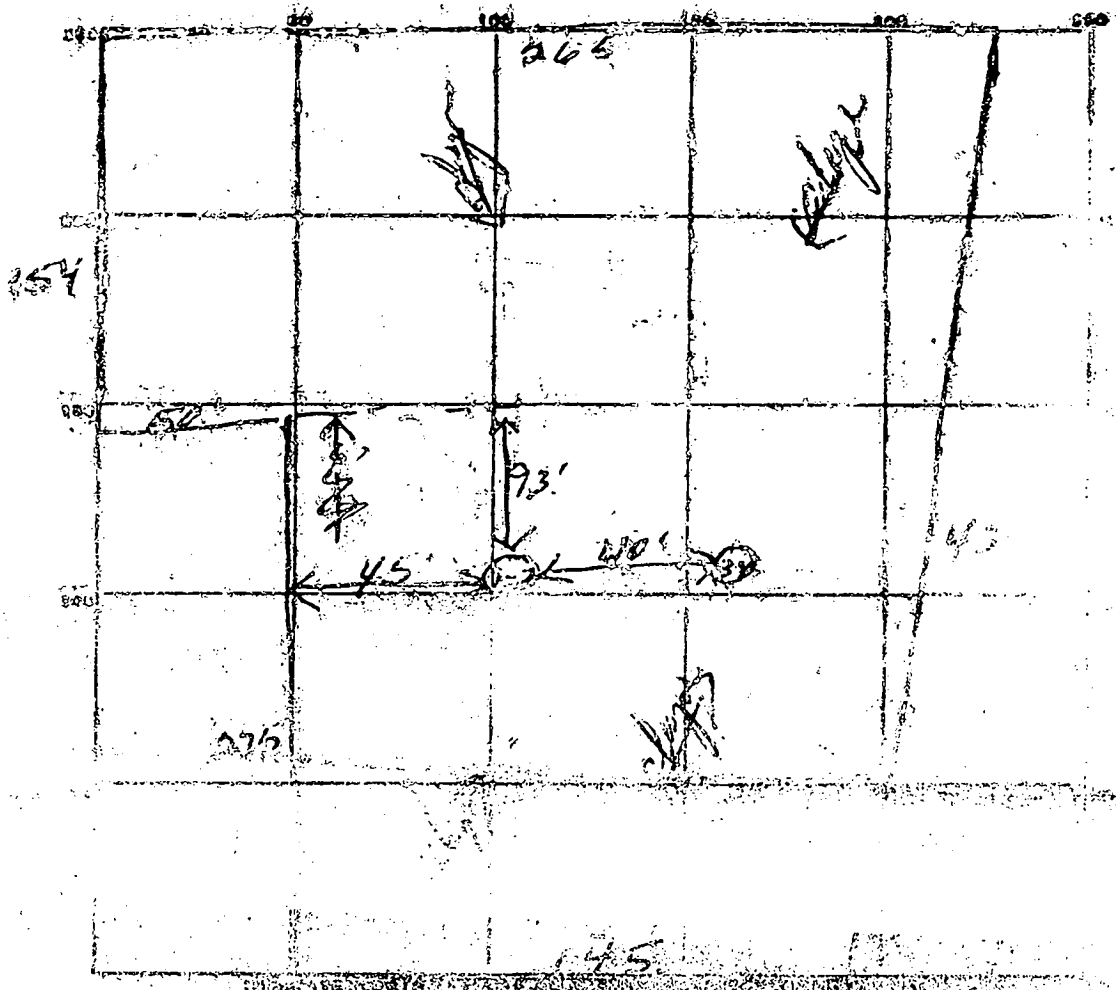
APPROVED BY James J. Wright FOR Dry well DATE 10/29/70
(KIND OF SYSTEM)

REJECTED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT



2	10 ^{1/2}	10 ^{3/4}	10 ^{3/4}	10 ^{3/4}	10 ^{3/4}	10 ^{3/4}
3	10 ^{1/2}	10 ^{3/4}	10 ^{3/4}	10 ^{3/4}	10 ^{3/4}	10 ^{3/4}
4	4	10 ^{3/4}	10 ^{3/4}	10 ^{3/4}	10 ^{3/4}	10 ^{3/4}

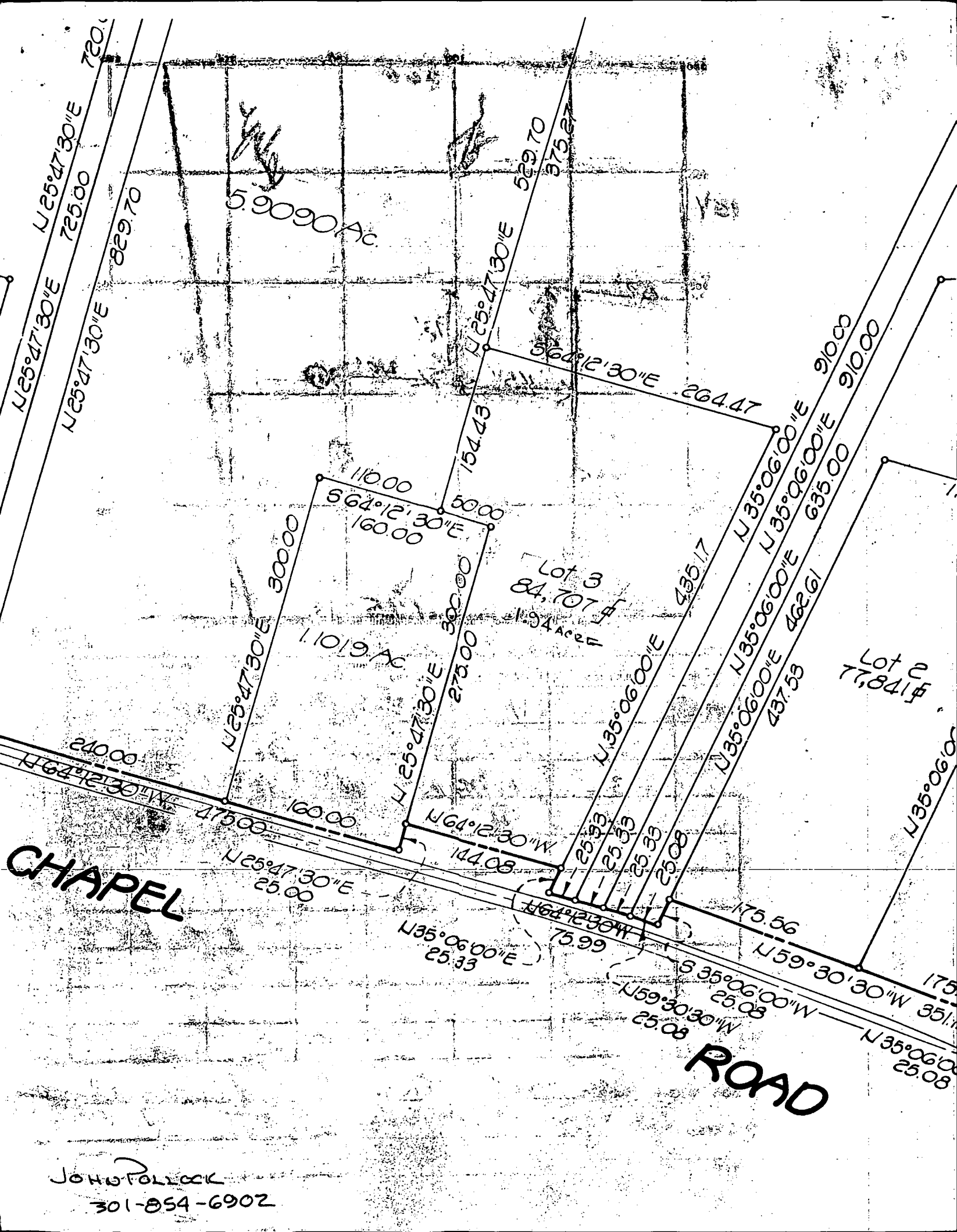
SOIL ANALYSIS REPORT

DATE: 10/10/10

PROJECT: [illegible]

LOCATION: [illegible]

ANALYST: [illegible]



N 25° 47' 30" E 725.00
 N 25° 47' 30" E 829.70

5.9090 AC

N 25° 47' 30" E 529.70
 375.27

S 64° 12' 30" E 264.47
 N 35° 06' 00" E 910.00
 N 35° 06' 00" E 635.00

110.00
 S 64° 12' 30" E 160.00
 50.00

Lot 3
 84.707 AC

N 25° 47' 30" E 300.00

1.1019 AC

N 25° 47' 30" E 275.00
 300.00
 275.00

N 35° 06' 00" E 435.17
 N 35° 06' 00" E 437.53
 N 35° 06' 00" E 462.61

Lot 2
 5.1781 AC

CHAPEL

ROAD

N 35° 06' 00" E 25.33
 N 59° 30' 30" W 175.56

N 59° 30' 30" W 25.08
 N 00° 06' 00" W 35.11

JOHN POLLOCK
 301-854-6902

GENERAL ADDENDUM

Special provisions attached to and hereby made a part thereof, the Contract dated _____,
on Lot _____, Block _____, Subdivision _____,
located in _____ County, Maryland, between _____
_____ as Purchasers, and _____
as Sellers

2821825

RIDER - LEGAL DESCRIPTION

Parcel No. 1:
BEING KNOWN AND DESIGNATED as Lot No. 3, as shown on the plat of Lots 1 through 7 "Daisy Hill Estates", which Plat is recorded among the Land Records of Howard County, Maryland in Plat Book 21, folio 34.

Parcel No. 2:
BEGINNING at an iron pipe set on the 11th line described in the First Parcel of a Deed from William H. Hill, et ux., to Steven F. Paul dated June 27, 1969 and recorded among the aforesaid Land Records in Liber 513, folio 228, 1150.20 feet from the beginning thereof, and running thence South 67 degrees 36 minutes 00 seconds East 200.00 feet, with part of said 11th Deed line to a point thereon, thence the two following courses and distances in, through, over and across the lands described in the aforementioned First Parcel; South 22 degrees 29 minutes 00 seconds West 405.12 feet, to an iron pipe set; thence South 35 degrees 06 minutes 00 seconds West 910.00 feet, to an iron pipe set on the northerly right of way line of Union Chapel Road, thirty feet wide, thence North 64 degrees 12 minutes 30 seconds West 25.33 feet, with part of said northerly right of way line of Union Chapel Road, to an iron pipe set thereon, thence the four following courses and distances in, through, over and across the lands described in the aforementioned First Parcel: 1) North 35 degrees 06 minutes 00 seconds East 460.50 feet to an iron pipe set, thence; 2) North 64 degrees 12 minutes 30 seconds West 264.47 feet, to an iron pipe set, thence; 3) North 25 degrees 47 minutes 30 seconds East 375.27 feet to an iron pipe set, thence; 4) North 42 degrees 37 minutes 40 seconds East 481.54 feet to the place of beginning of this description, containing a calculated area of 6.0395 acres of land. The improvements thereon being known as No. 15750 Union Chapel Road.

APPLICATION

A 15513
P _____

SEWAGE DISPOSAL TESTING

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

ELLICOTT CITY

DISTRICT 4th

DATE Oct. 14, 1970

*Septic tank to be 1000 gal
Dry well to be 435 sq ft of absorbent
cell wall area below the inlet pipe. Magnitude
depth of dry well to be 13 ft below original grade. Inlet pipe
to be 3 1/2 ft below original grade. Locate Dry well 45 ft
from the 275 ft left side line and 93 ft from the 50 ft left
side line. See original percolation test if location is not clear
as set in seen from standing on Union Chapel Rd facing East*

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TESTS IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Steven F. Paul et al.

ADDRESS 1131 University Blvd., W., Silver Spring, MD 20902 PHONE 649-1500

PROPERTY LOCATION:

SUBDIVISION Daisy Hill Estates LOT NO. Three

ROAD AND DESCRIPTION Union Chapel Road, 350' east of Daisy Road

OCCUPANT NONE

PHONE _____

PERSON TO CONSTRUCT SYSTEM _____

ADDRESS _____

PHONE _____

SIZE OF LOT 85,000 sq. ft.

TYPE BLDG. Three

NUMBER OF BEDROOMS _____

IF NOT SINGLE RESIDENCE DESCRIBE _____

SIGNATURE OF APPLICANT Steven F. Paul

APPROVED BY James T. Wright

FOR Dry well
(KIND OF SYSTEM)

DATE 10/29/70

REJECTED BY _____

FOR _____
(KIND OF SYSTEM)

DATE _____

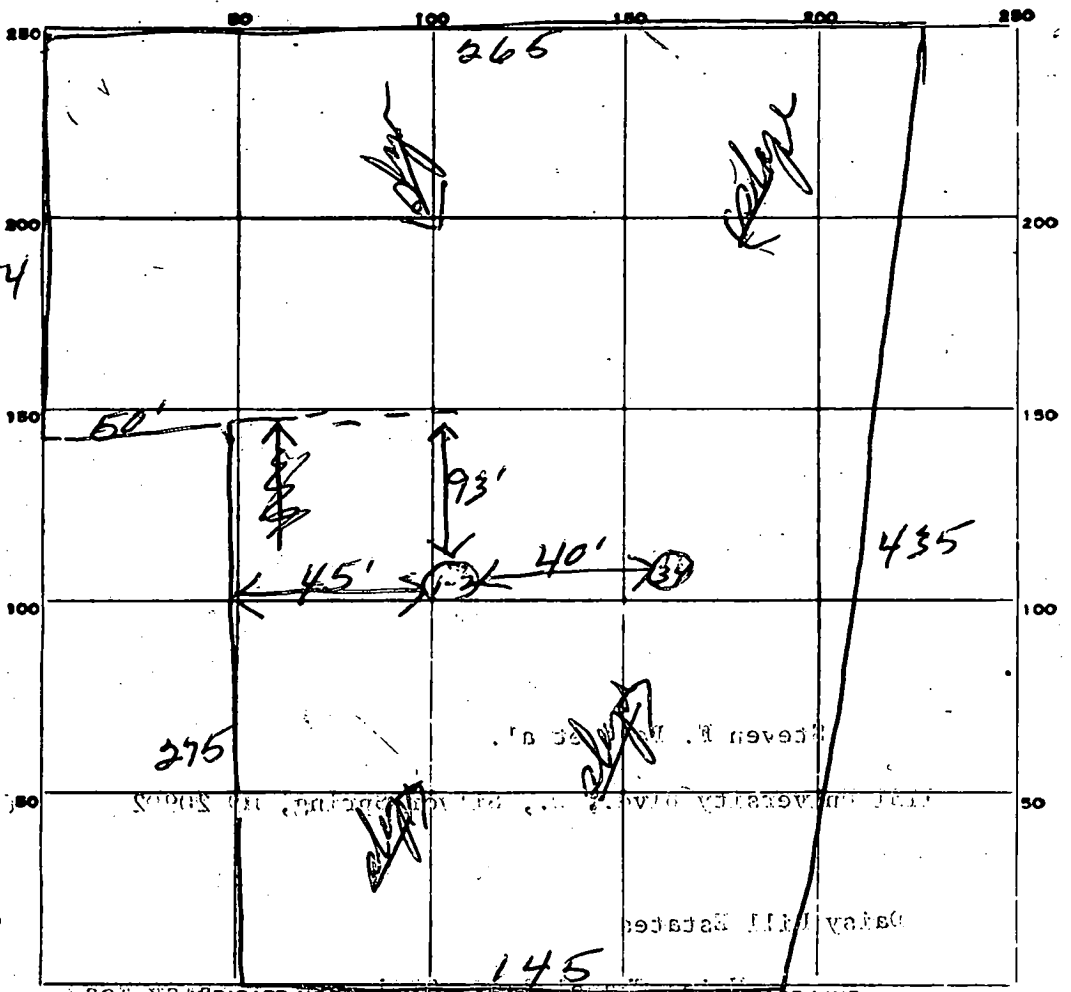
HOLD PENDING FURTHER TESTS _____

DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

3 7/9 14 3/42



BELOW INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

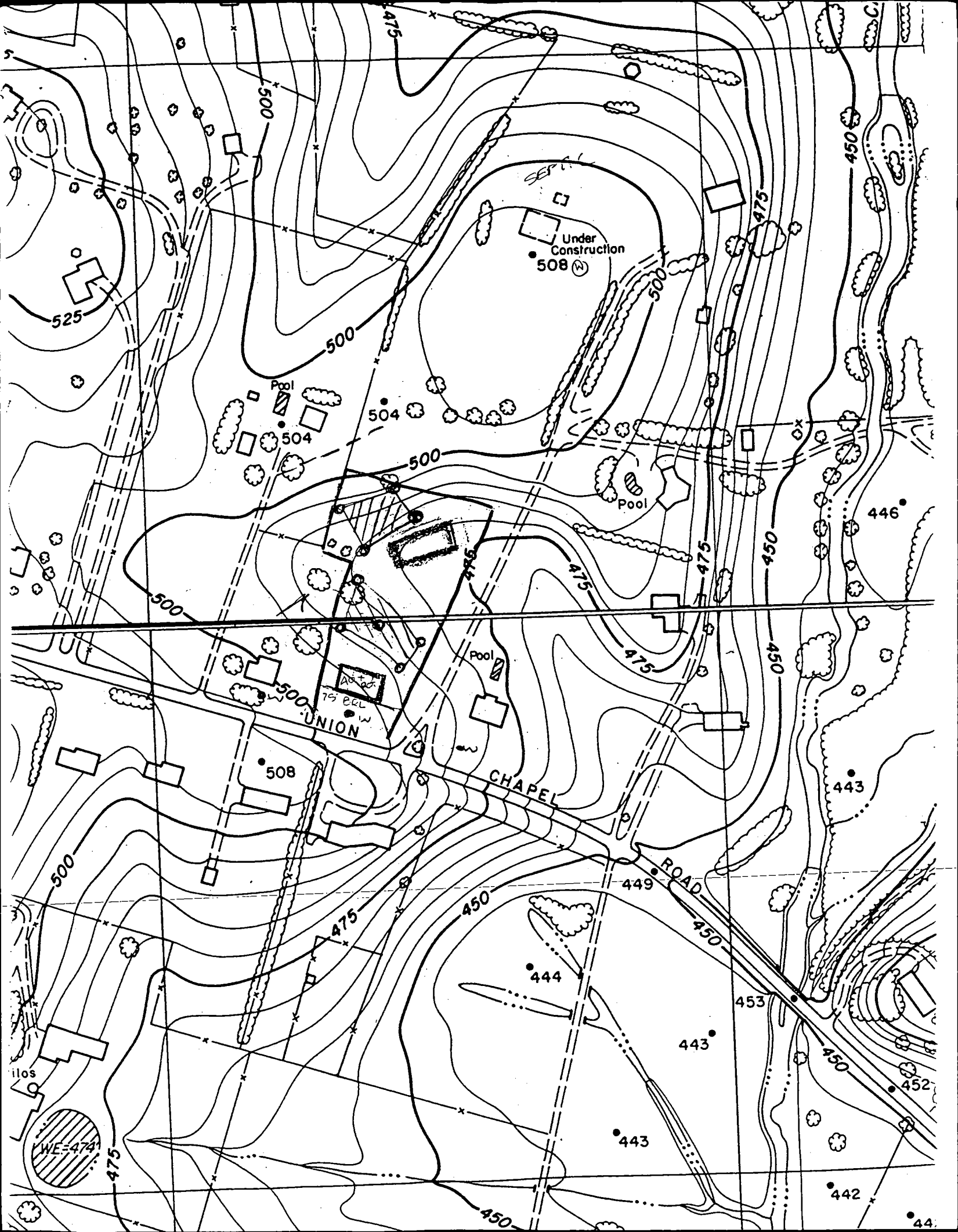
Union Chapel Rd

lot 3

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
10/23/70	1	11'	10 ²⁹	10 ³⁰	10 ³⁰	10 ³⁴	4 in
	2	4 1/2'	10 ²⁹	10 ³⁹	10 ³⁹	10 ⁵²	13 in
	3	10 1/2'	10 ³⁰	10 ³³	10 ³³	10 ⁵⁵	27 in
	4	4'	10 ³⁵	10 ⁴⁵	10 ⁴⁵	11 ⁰⁵	20 in

457
15 min
AV

SOIL AUGER FINDING: max depth of dig 13 ft below original grade
 TESTED BY: [Signature] sent 5 1/2' below original grade
 REMARKS:



15750 UNION CHAPEL RD
WOODBINE
21797

28 MARCH, 2000.

TEL: 410 489 0154

BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE
ELLICOTT CITY MD 21043

Dear Kim,

re: Perc Fee - Lot 3

Thank you for your time and
advise.

Herewith cheque for perc as discussed.
Please let us know our perc date. In
the meantime I will be looking for
the most cost effective septic engineer
as you kindly suggested.

Yours sincerely

Karen Smith

GRID NORTH

N/F
DEREK & KAREN SMITH
L 2889 F 596

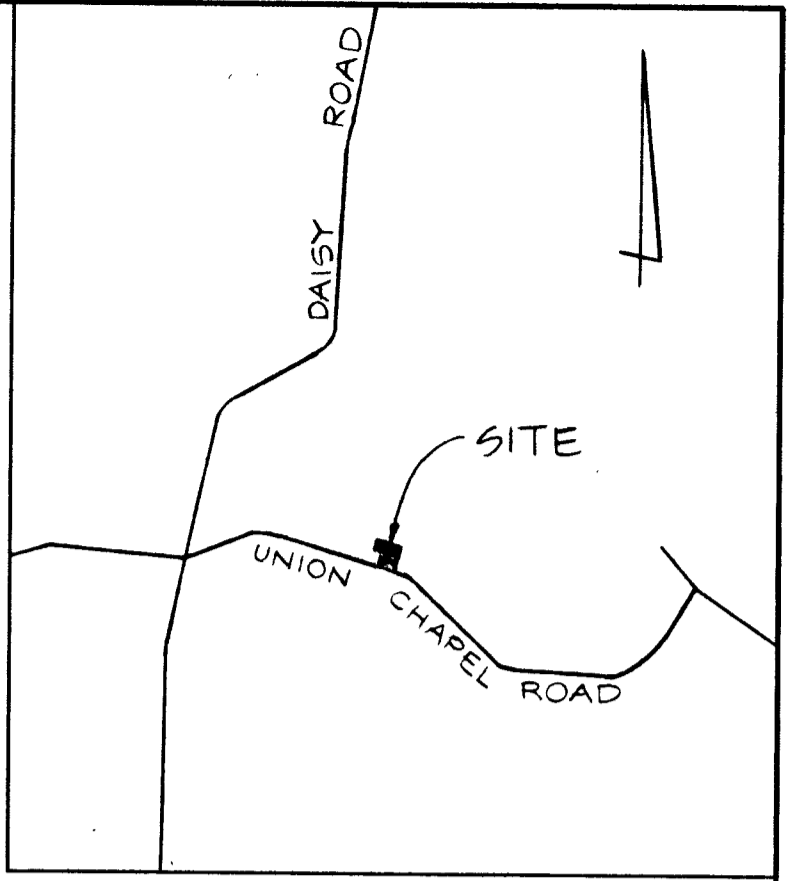
N/F
NICHOLAS A. &
BERNADETTE C HILL
L 538 F 561

N/F
HARRY L. JR. &
MARY K. EYRE
L 586 F 297
L 588 F 515
L 538 F 571

LOT 3
84,707 SF.

PROP. HOUSE
50' x 50'

PROPOSED SEPTIC FIELD
10,000 SF



VICINITY MAP
SCALE: 1" = 2000'

NOTES

1. THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE 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 SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENT INTO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT PLAT SHALL NOT BE NECESSARY.
2. UNLESS OTHERWISE SHOWN, NO WELLS OR SEWERAGE EASEMENTS ARE LOCATED WITHIN 100 FEET OF THE PROPERTY.
3. TOPOGRAPHY SHOWN HEREON IS TAKEN FROM 1" = 200' HOWARD COUNTY TOPO.
4. EXACT LENGTH OF SEPTIC TRENCHES TO BE DETERMINED BY THE HEALTH DEPARTMENT AT THE TIME OF PERMIT ISSUANCE.
5. ● DENOTES PERCOLATION TESTS (5-2-00) FIELD LOCATED BY BENCHMARK ENGINEERING, INC.
6. THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREAS AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.

BENCHMARK

ENGINEERS • LAND SURVEYORS • PLANNERS

ENGINEERING, INC.

planning • architecture • engineering • surveying
8480 Baltimore National Pike • Ellicott City, Maryland 21043 • 410-465-6105

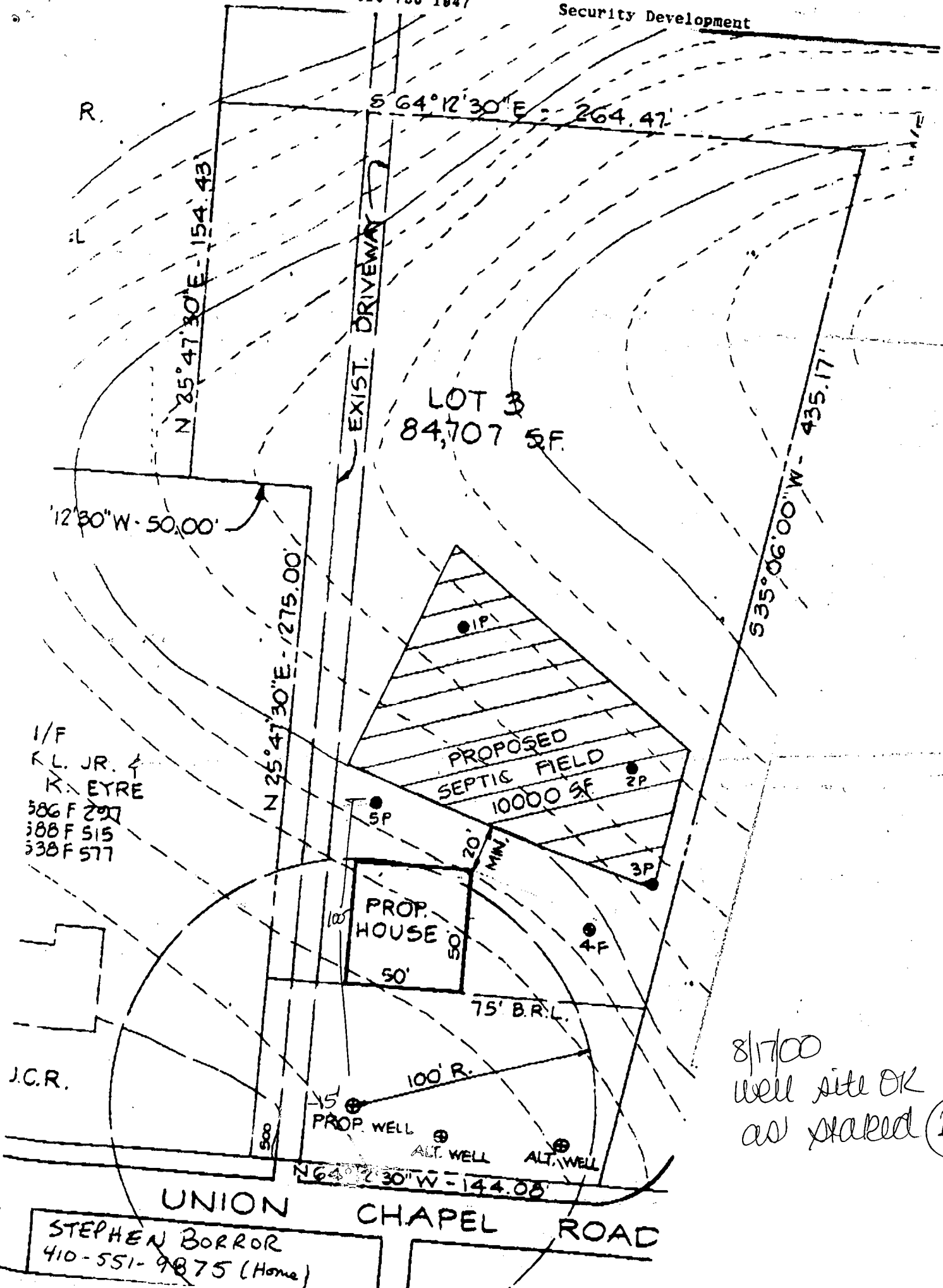
PROJECT:	DAISY HILL ESTATES LOT 3	
LOCATION:	TAX MAP 14 - GRID 13 PARCEL 172 4TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	
TITLE:	PERCOLATION CERTIFICATION	
DATE:	JULY 2000	PROJECT NO. 1189
SCALE:	1" = 50'	DRAWING 1 OF 1

Donald Mason
8-2-00

APPROVED: FOR PRIVATE WATER AND SEWER SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.

Signed
COUNTY HEALTH OFFICER *DOS* DATE

PLAN
SCALE: 1" = 50'



1/F
K.L. JR. &
K. EYRE
386 F 297
388 F 515
338 F 577

J.C.R.

8/17/00
well site OK
as stated (DKS)

UNION CHAPEL ROAD

STEPHEN BORROR
410-551-9875 (Home)

5/9/00
210.00

APPLICATION

PERCOLATION TESTING

A 513351

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

*Proposal -
establish 10k SFA
for existing lot of
record*

DISTRICT _____

DATE 3/30/2000

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 DEREK AND KAREN SMITH

ADDRESS 15750 UNION CHAPEL RD, WOODBINE PHONE 410 489 0154 / 6620

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION DAISY HILL ESTATES LOT NO. 3

ROAD AND DESCRIPTION UNION CHAPEL RD, WOODBINE

TAX MAP _____ PARCEL # _____

SIZE OF LOT _____ TYPE BLDG. SFD
(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. K.A. Switzer
(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

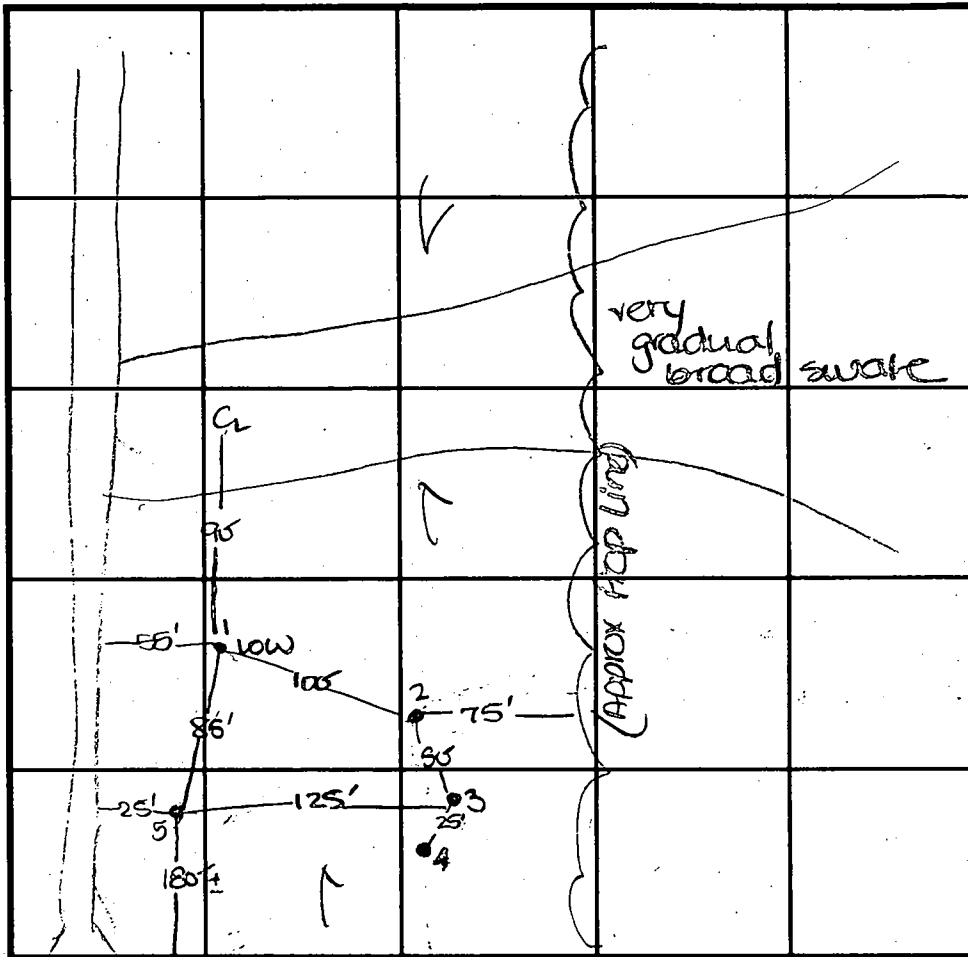
COUNTY #

SOIL PROFILE

0' 1
 1' topsoil
 4' org red brn cl lm
 med org brn sa lm
 10% sh Rx

0' 2
 1' topsoil
 4' red brn cl lm
 med to org brn sa lm
 10-15% hard sh

0' 3
 1' topsoil
 4' red brn cl lm w/some lg Rx
 med red org brn sa lm
 30%+ sapr sh



SOIL PROFILE

0' 2
 1' topsoil
 4' org red brn cl lm
 pale org brn sa lm
 15% sh Rx

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Union Chapel Road

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5-9-00	1	4.5' S	10:16 ₃	10:20	10:20	10:29	7'
		12.0' D	Visual	- See profile			OK
	2	4.0' S	10:29	10:37 ₃	10:37 ₃	10:54	14
		12.0' D	Visual	- See profile			OK
	3	12.0' D	Visual	- See profile			OK
	4	2.0' D	Refusal				<u>FAIL</u>
	5	4.5' S	11:01 ₃	11:08	11:08	11:20	12
		7.5' M	11:02	11:04 ₃	11:04 ₃	11:06 ₃	2
		12.0' D	Visual	- See profile			OK

REMARKS holes staked by owner

TYPE OF SOIL _____

TESTED BY DKS ALSO PRESENT O. Ketterman

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 8+ TRENCH WIDTH 3

INLET DEPTH 4.0 MAXIMUM BOTTOM DEPTH 6.0 SQ. FT./BEDROOM 210

B 1	5992	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND PERMIT TO DRILL WELL	STATE PERMIT NUMBER
1 2-3 6			4514172 please print or type	HO-94-2833 fill in this form completely

Date Received (APA) 8/7/00

OWNER INFORMATION

Borror M. Stephen
Last Name Owner First Name

304 H Gatehouse Lane
Street or RFD

Odenton Md 21113
Town State Zip

LOCATION OF WELL

Howard
COUNTY

Daisy Hill Est.
SUBDIVISION

SECTION 49 LOT 3
44 46 48 50

Lisbon
NEAREST TOWN

MILES FROM TOWN (enter 0 if in town) 5 1/2

DRILLER INFORMATION

Joseph L. Mayne MS D 24
Driller's Name License No.

Joseph L. Mayne well Drilling
Firm Name

5512 Ridge Rd. Mt Airy Md 21771
Address

Joseph L. Mayne 8/4/2000
Signature Date

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)

NEAR WHAT ROAD

Union Chapel Rd

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

DISTANCE FROM ROAD

30 FT

TAX MAP: 14 BLK: 13 PARCEL: 172

WELL INFORMATION

APPROX. PUMPING RATE (GAL PER MIN.) 5

AVERAGE DAILY QUANTITY NEEDED (GAL PER DAY) 500

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 COUNTY NAME

A513351 COUNTY NO.

STATE SIGNATURE _____ INSERT S _____

DATE ISSUED 08/17/00 EXP. DATE 08/17/01

CO SIGNATURE _____

NORTH GRID 531 000 EAST GRID 0782 000

APPROXIMATE DEPTH OF WELL 300 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH

METHOD OF DRILLING (circle one)

BORED (or Augered) JETTED Jetted & DRIVEN

AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary)

CABLE REVERSE-ROTARY DRIVE-POINT

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 780'

N 530'

9/7/00 9:00
No insp. grout

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

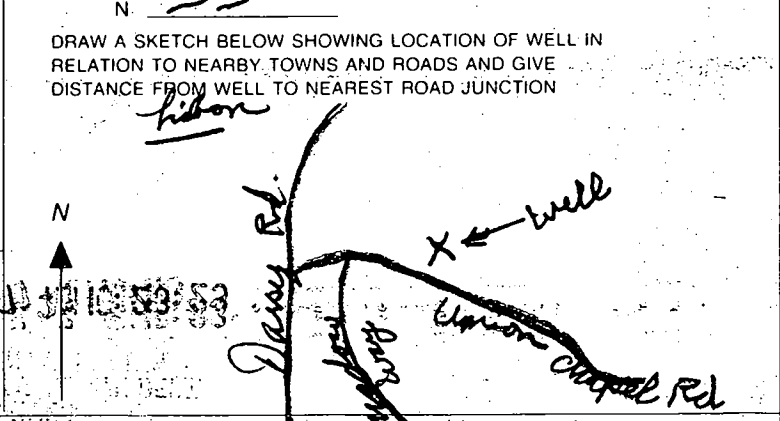
THIS WELL WILL NOT REPLACE AN EXISTING WELL

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 DEEPEM AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) _____



Not to be filled in by driller (MDE OR COUNTY USE ONLY)

APPROP. PERMIT NUMBER _____

PERMIT No. HO-94-2833

SPECIAL CONDITIONS

COUNTY

C1 08012

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT FILL IN THIS FORM COMPLETELY PLEASE TYPE

THIS REPORT MUST BE SUBMITTED AFTER WELL IS COMPLETED.

COUNTY NUMBER A513351

ST/CO USE ONLY DATE RECEIVED MM DD YY

DATE WELL COMPLETED MM DD YY 9 9 2000

Depth of Well 285 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-94-2833

OWNER BORROR last name Union Chapel Rd first name Stephen TOWN OVERTON SUBDIVISION DASHY HILL ESTATES SECTION LOT 3

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 (Use additional sheets if needed), FEET (FROM, TO), check if water bearing. Rows: Brown Shale 0-105, Blue Rock 105-285.

GROUTING RECORD

WELL HAS BEEN GROUTED (Y) (N) TYPE OF GROUTING MATERIAL (C) (M) (B) (C) NO. OF BAGS 23 NO. OF POUNDS 2162 GALLONS OF WATER 138 DEPTH OF GROUT SEAL (to nearest foot) from 0 to 90

CASING RECORD

MAIN CASING TYPE (S) (T) (C) (O) (P) (L) (O) (T) Nominal diameter top (main casing) of main casing (nearest inch)! Total depth of main casing (nearest foot)

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

SCREEN RECORD

screen type or open hole (S) (T) (B) (R) (H) (O) (P) (L) (O) (T) insert appropriate code below

NUMBER OF UNSUCCESSFUL WELLS: 0

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 MS D 24 Joseph & Mame DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO. 1 D

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

DEPTH (nearest ft.)

Table with columns: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100. Row: No 108 285

SLOT SIZE 1 2 3 DIAMETER OF-SCREEN (NEAREST INCH) from to

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 TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST

HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min.) 12 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 42 WHEN PUMPING 71 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 INSTALLED 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 STRUCTURES AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)

