

APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____ A/P 526714

AGENCY REVIEW: _____ DATE _____

DO NOT WRITE ABOVE THIS LINE

I HEREBY APPLY FOR THE NECESSARY TESTING/EVALUATION PRIOR TO ISSUANCE OF SEWAGE DISPOSAL SYSTEM PERMIT(S) TO:

CHECK AS NEEDED:

- CONSTRUCT NEW SEPTIC SYSTEM(S)
- REPAIR/ADD TO AN EXISTING SEPTIC SYSTEM
- REPLACE AN EXISTING SEPTIC SYSTEM

CHECK AS NEEDED:

- NEW STRUCTURE(S)
- ADDITION TO AN EXISTING STRUCTURE
- REPLACE AN EXISTING STRUCTURE

CHECK ONE:

- CREATE NEW LOT(S)
- BUILD ON AN EXISTING LOT IN A SUBDIVISION
- BUILD ON AN EXISTING PARCEL OF RECORD

IS THE PROPERTY WITHIN 2500' OF ANY RESERVOIR?

- YES
- NO

THE TYPE OF STRUCTURE IS:

- RESIDENTIAL WITH 2 PROPOSED BEDROOMS IN THE COMPLETED STRUCTURE (NOTE **UNKNOWN** IF APPROPRIATE)
- COMMERCIAL (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/ CUSTOMERS ON ACCOMPANYING PLAN)
- INSTITUTIONAL/GOVERNMENT (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/USERS ON ACCOMPANYING PLAN)

PROPERTY OWNER(S) Glenn & Maria Nicastro

DAYTIME PHONE 443-277-7526 CELL Same FAX 410-552-5815

MAILING ADDRESS 12975 Linden Church Rd. Clarksville Md. 21029
STREET CITY/TOWN STATE ZIP

APPLICANT Ronnie Heaps / J.M. Contracting LLC.

DAYTIME PHONE 443-277-7526 CELL 443-277-7526 FAX 410-552-5815

MAILING ADDRESS 425 OBracht Rd. Sykesville Md. 21784
STREET CITY/TOWN STATE ZIP

APPLICANT'S ROLE: DEVELOPER BUILDER BUYER RELATIVE/FRIEND REALTOR CONSULTANT

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME 12975 Linden Church Rd. LOT NO. _____

PROPERTY ADDRESS Same
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) _____ GRID _____ PARCEL(S) _____ PROPOSED LOT SIZE _____

AS APPLICANT, I UNDERSTAND THE FOLLOWING: THE SYSTEM INSTALLED SUBSEQUENT TO THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS APPLICATION IS COMPLETE WHEN ALL APPLICABLE FEES AND A SUITABLE SITE PLAN HAVE BEEN RECEIVED. I ACCEPT THE RESPONSIBILITY FOR COMPLIANCE WITH ALL M.O.S.H.A. AND "MISS UTILITY" REQUIREMENTS. APPROVAL IS BASED UPON SATISFACTORY REVIEW OF A PERC CERTIFICATION PLAN.

TEST RESULTS WILL BE MAILED TO APPLICANT.

Ronnie Heaps
SIGNATURE OF APPLICANT

HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM
3525-H ELLICOTT MILLS DRIVE, ELLICOTT CITY, MARYLAND 21043-4544 (410) 313-1771 FAX (410) 313-2648
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

A/P _____

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H

REMARKS _____

SANITARIAN _____ BACKHOE _____ OTHERS _____

TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____

TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____

Percolation certification Plan
 12975 Linden Church Rd
 Clarksville, Md. 21029
 Parcel: 145
 Linden Church Rd Property

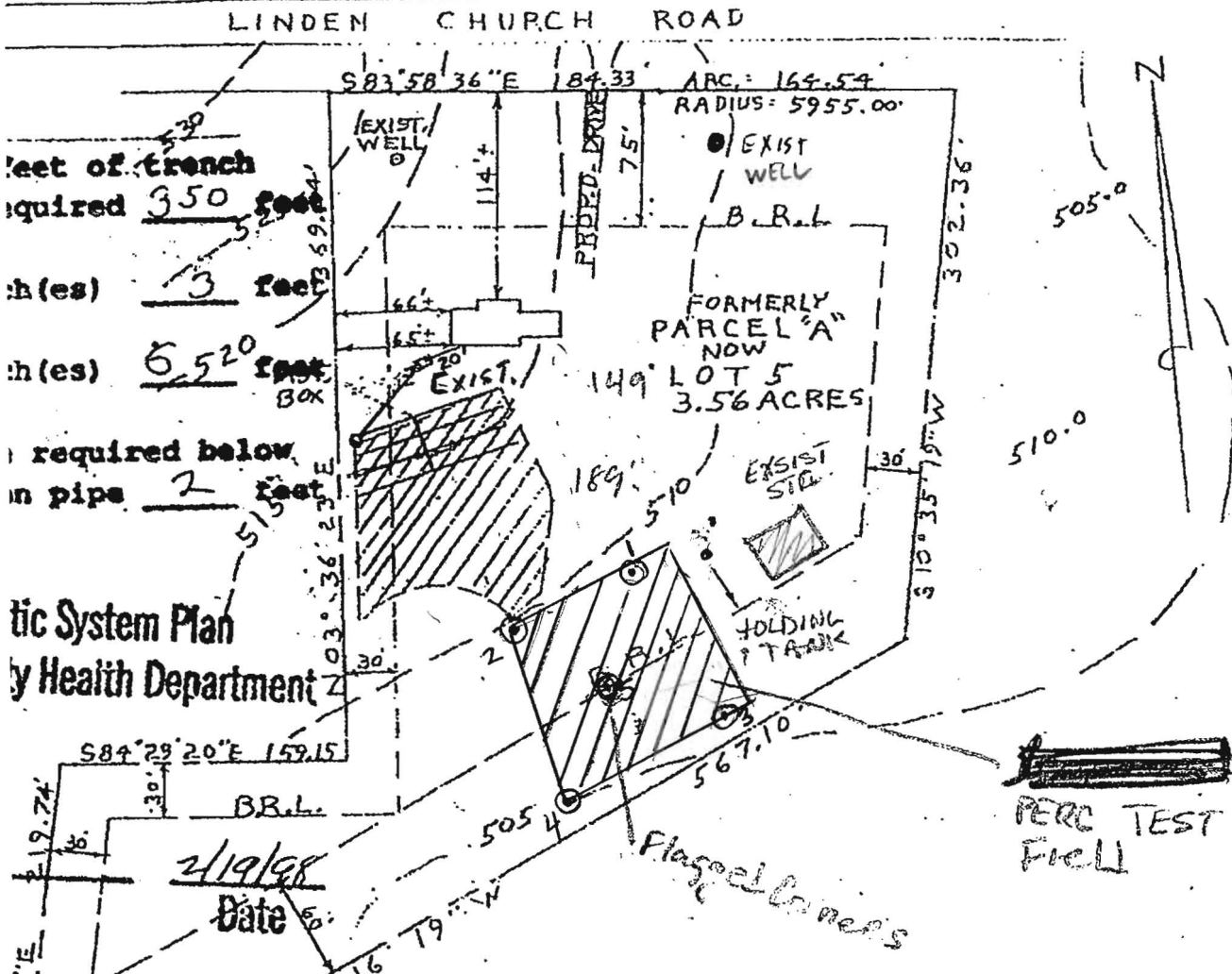
* Owner Glenn Nicastro
 12975 Linden Ch. Rd
 Clarksville, Md. 21029

Prepared By: Owner

Drawn: 8.03.2007

⊙ PASSED PERC TEST

• BACK SIDE Page →



Depth of trench required 3.50 feet
 Depth (es) 3 feet
 Depth (es) 6.520 feet
 Depth required below in pipe 2 feet

Septic System Plan
 by Health Department

2/19/08
 Date

PERC TEST FIELD

EXIST. GRN. AT DISTR. BOX	517.50
INV. IN DISTR. BOX	513.50
INV. OUT OF SEPTIC TANK	513.98
INV. INTO SEPTIC TANK	514.38
INV. OUT OF DWELLING	514.68
FIRST FLOOR ELEV.	523.00
CELLAR ELEV.	515.00
WELL ELEV.	522.00
NO. OF BEDROOMS	5
ACREAGE	3.56 ACRES



APPROVED FOR PRIVATE WATER AND PRIVATE SEWAGE.
 HOWARD COUNTY.

Glenn Nicastro
 HEALTH OFFICER DATE 8/10/07

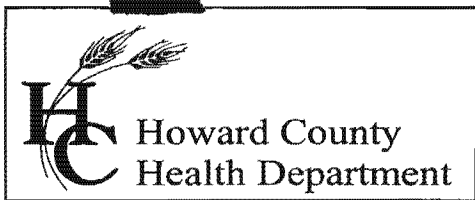
PLOT PLAN
 12975 LINDEN CHURCH ROAD
 LOT 5
 LINDEN CHURCH ROAD PROPERTY

NOTES

- ANY CHANGES TO PRIVATE SEWAGE EASEMENT SHALL Require a revised Percolation Certification Plan

◆ MDE SEWAGE EASEMENT state for Lots Created AFTER MARCH 1972.

▨ This area designates a private sewage Easement of at least 10,000 square feet as required by Maryland Department of Environment for individual sewage disposal. Improvements of any nature in this area are restricted. This easement shall become null and void upon connection to public sewerage system. The County Health Office shall have Authority to GRANT Adjustments to the Private sewage easement. Recordation of a revised Sewage easement shall not be necessary.



Bureau of Environmental Health
7178 Columbia Gateway Drive, Columbia, MD 21046
(410) 313-2640 Fax (410) 313-2648
TDD (410) 313-2323 Toll Free 1-866-313-6300
website: www.hchealth.org

Peter L. Beilenson, M.D., M.P.H., Health Officer

June 8, 2007

Glenn and Maria Nicastro
12975 Linden Church Rd.
Clarksville, Maryland 21029

RE: PERCOLATION TEST RESULTS – A#526714
12975 Linden Church Rd

Dear Mr. and Mrs. Nicastro:

Percolation testing conducted June 4, 2007 on the referenced property indicated satisfactory soil conditions. Copies of the test results are enclosed.

Further review is contingent upon submission of a percolation certification plan showing the following:

- 1) Actual surveyed locations and elevations of all excavated test holes
- 2) Existing and proposed property lines
- 3) Existing SDA for the house and the proposed SDA for the new structure
- 4) A note must be included certifying that all existing wells and septic systems within 100 feet of property boundaries have been shown
- 5) A note stating all existing and proposed wells, septic systems and sewage disposal systems located within 200 feet down gradient of existing or proposed septic systems and sewage disposal easements.
- 6) A note stating the engineer used all reasonable efforts to find the location of all surrounding wells and septic systems
- 7) Topography needs to be shown at 2 foot contour intervals and a note certifying topography was field run and verified and reflects field-matched information
- 8) A MDE sewage disposal area statement is required
- 9) MDE minimum lot width statement
- 10) Include the statement, "Any changes to a private sewage easement shall require a revised perc certification plan"
- 11) Identification of streams, ponds, wetlands, floodplains, slopes >25%, soil types and soil type boundaries
- 12) Legend symbols to distinguish between new holes, any existing holes previously documented (by the HCHD), passed holes, failed holes, and any holes held for future review
- 13) Existing structures, wells, septic easements and other septic system components such as tanks, dry wells and distribution boxes. Description of use and intent designated for each item, e.g. 'to remain' or 'remove.'
- 14) A health officer signature block stating "approved for private water and private sewer systems."
- 15) Professional seal or signed statement that "I certify that the information shown heron is based on field work performed by me or under my direct supervision, and is correct, to the best of my knowledge and belief."
- 16) Identification of the property, road, street address if applicable, tax map page, parcel number, subdivision name (if appropriate); add purpose statement as appropriate, e.g. subdivision, SDA adjustment, percolation certification plan etc
- 17) Name, address and telephone number of each owner, developer and the plan author.

18) The date the plan was drawn, the plan scale (1:30 - 1:100), a scaled vicinity map and, the A # (percolation test fee receipt number, referenced in the HCHD correspondence)

In addition to the percolation certification plan required, a letter needs to be submitted to the Health Department requesting the existing agricultural well to be converted into a potable well. This well must be tested by a private lab for levels of total coliform, e.coli, nitrate, turbidity, and sand. The results must be submitted to the Health Department. After the percolation certification plan has been approved, a new septic system must be installed for the new structure and the septic tank must meet current code. A septic permit must be obtained from the Health Department prior to any installation. During septic installation, the well line at the building connection needs to be exposed and inspected. Make sure any electrical lines are clearly marked/identified to allow for excavation. Building permit B07000236 will be approved once the above requirements have been completed.

If you have any questions regarding this matter, please contact me at the above address or by calling (410) 313-4261.

Sincerely,



Sara Fegel, R.S.
Well and Septic Program
Development Coordination Section

Enclosures
Cc: File

JM Contracting
425 Obreak Road
Sykesville, MD 21784

June 4th, 2007

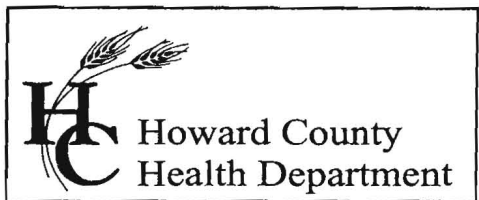
Mr. Glenn Nicastro
12975 Linden Church Road
Clarksville, MD 21209

INVOICE:

Service Performed: Percolation Test Holes & Well Conection

Total: \$1,600.00

Pay upon receipt



Bureau of Environmental Health
7178 Columbia Gateway Drive, Columbia, MD 21046
(410) 313-2640 Fax (410) 313-2648
TDD (410) 313-2323 Toll Free 1-866-313-6300
website: www.hchealth.org

Peter L. Beilenson, M.D., M.P.H., Health Officer

June 8, 2007

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Clarksville, Maryland 21029

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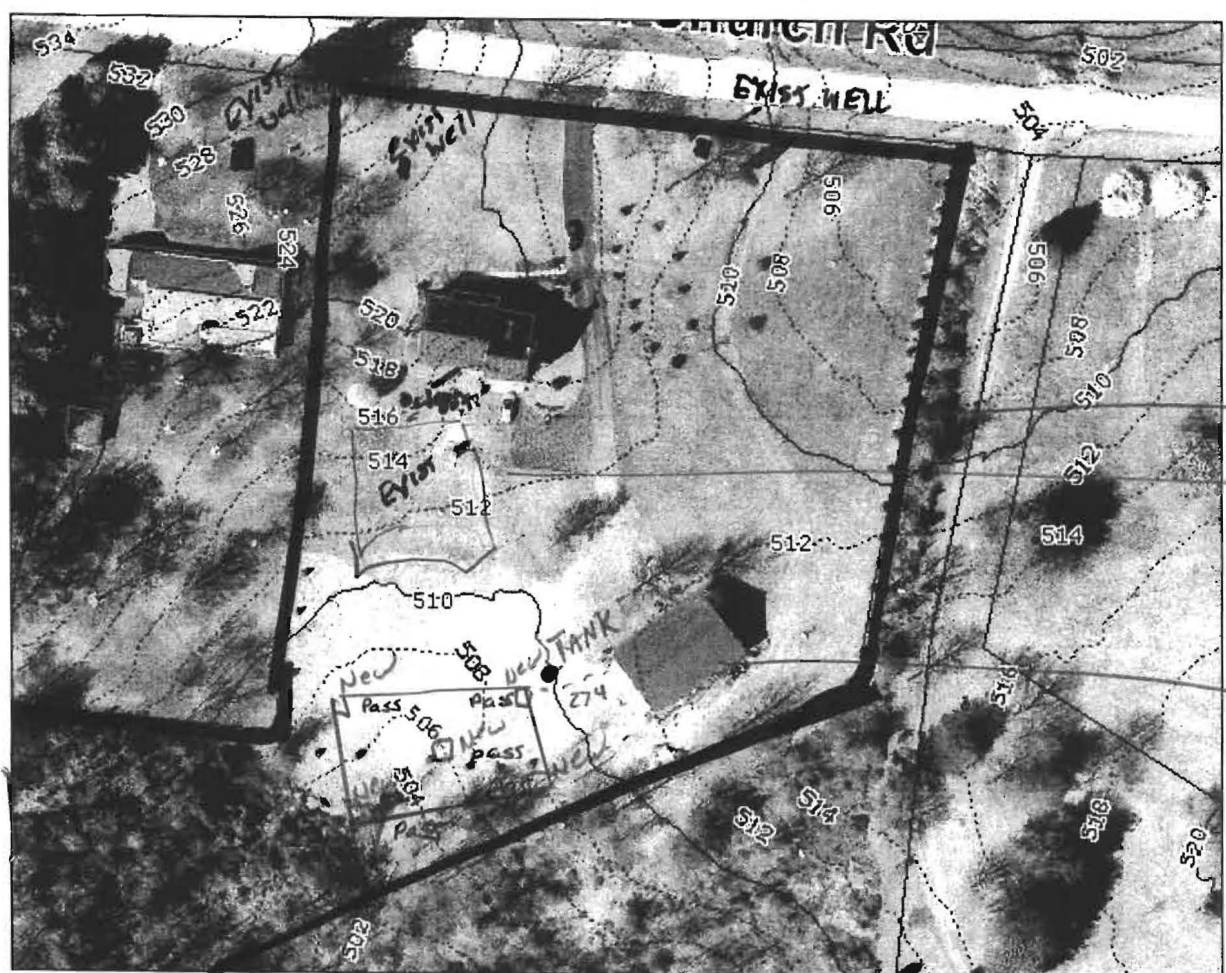
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- 17) Name, address and telephone number of each owner, developer and the plan author.

Permit

B07000236

Plan drawn June 4th, 2007



Property Line
 EXIST. Plan - House
 EXISTING STORAGE Facility

Acres 3.56

Ni Castro

X - Approved Site

12975 Linden Ch. Rd.

* This area meet MDE
 Sewage disposal area min of
 10,000 sqft.

TAX MAP 28 Block 15 Parcel 145

* * This plan meet MDE min lot width

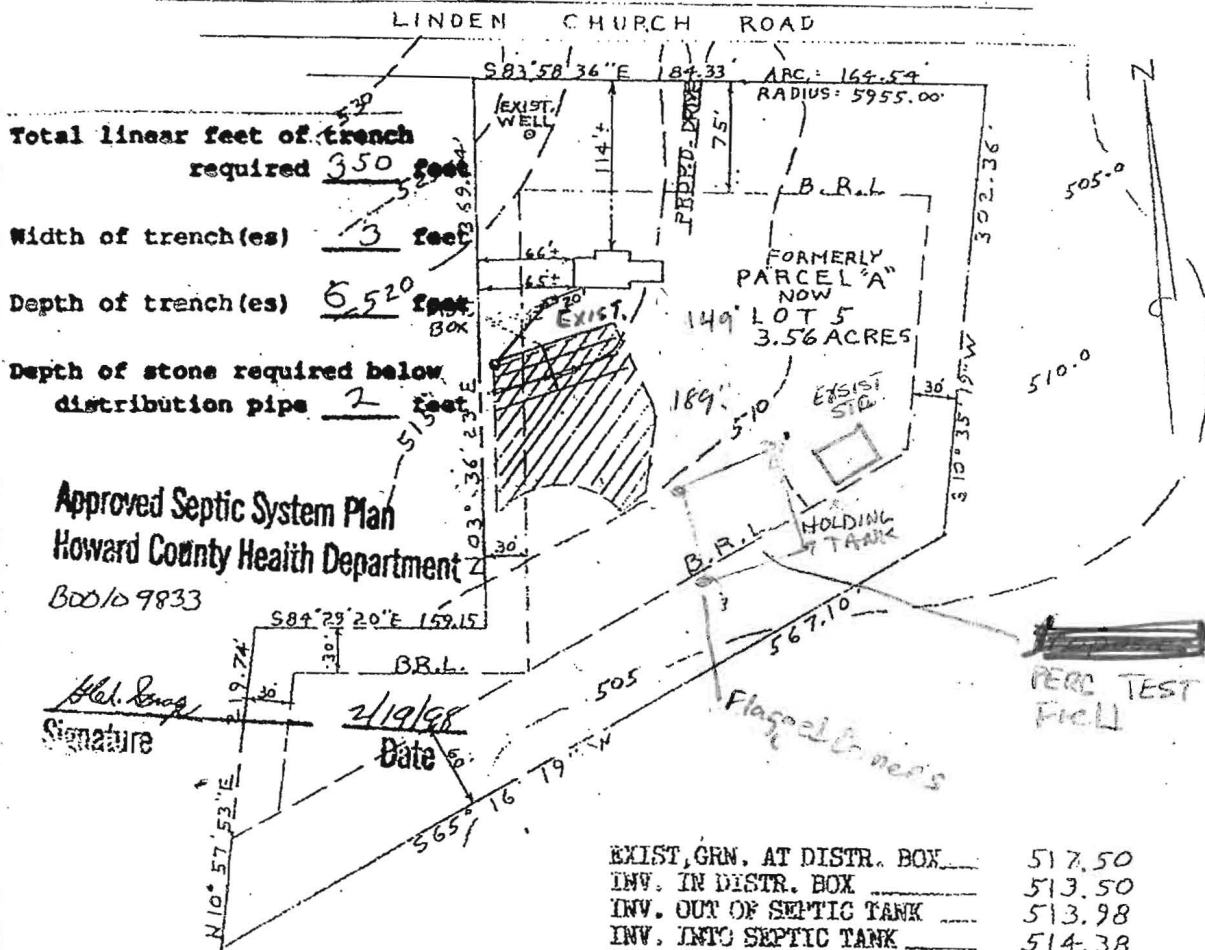
Owner: Glenn L. Nicastro
 12975 Linden Church Rd.
 Clarksville, Md 21029
 410. 531-9006 -
 443. 864-0028

William E. Doyle

Percolation Test Plan
12975 Linden Church Rd
B07-000236

LAND SURVEYOR 8440

8312 EMERALD DRIVE SYKEVILLE, MARYLAND 21784 PHONE (301) 788-2210



Total linear feet of trench required 350 feet
 Width of trench(es) 3 feet
 Depth of trench(es) 6.520 feet
 Depth of stone required below distribution pipe 2 feet

Approved Septic System Plan
Howard County Health Department

B00109833

H. S. Snag
Signature

2/19/98
Date

EXIST. GRN. AT DISTR. BOX	517.50
INV. IN DISTR. BOX	513.50
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INV. INTO SEPTIC TANK	514.38
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FIRST FLOOR ELEV.	523.00
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WELL ELEV.	522.00
NO. OF BEDROOMS	5
ACREAGE	3.56 ACRES



I CERTIFY THE ABOVE MEASUREMENTS AND ELEVATIONS ARE ACTUAL AND CORRECT FOR THIS PROPERTY.

signed *William E. Doyle*

PLOT PLAN
 12975 LINDEN CHURCH ROAD
 LOT 5
 LINDEN CHURCH ROAD PROPERTY
 TAX MAP 28, BLOCK 15, PARCEL 145
 5TH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 SCALE: 1" = 100'
 DRAWN: JANUARY 23, 1998

AP

5" dark brown & lfsbk

5" brown & lfsbk

2" brown heavy & sil

2" brown red sil lfsbk micaceous

2.5" multicolored (brown yellow brown) sil micaceous spherule

11" respage

2.5" dark brown & lfsbk

1" brown & lfsbk

1" St. brown heavy & sil

1" St. brown sil m micaceous

2.4" brown/st. brown medium sil sg micaceous spherule

6" multicolored (st. brown, brown, brown) medium/coarse sil sg

2.5" dark brown & pl lfsbk

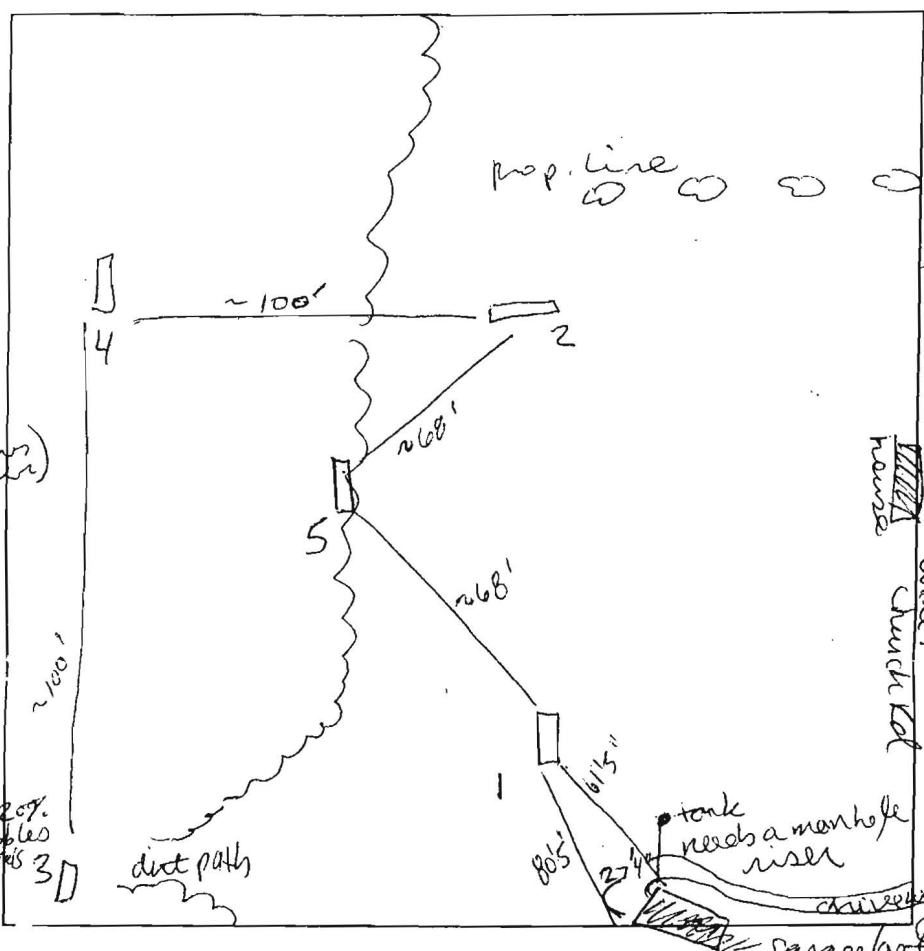
1" brown sil lfsbk micaceous

2.5" St. brown sil micaceous

4.5" St. brown heavy sil medium sg micaceous spherule

7" dark brown sil micaceous spherule sg

14" H₂O respage



3

dark brown & lfsbk roots

1" sil micaceous lfsbk 45% gravel

2.5" brown yellow sil micaceous sg micaceous spherule

4

1" dark brown & lfsbk roots

1" red brown heavy & sil micaceous lfsbk

3" St. brown medium sil m micaceous

4.5" brown yellow medium heavy sil sg spherule

6" yellow brown medium sil sg spherule

11.5" respage

14" H₂O level

15"

DATE	TEST #	DEPTH	START	BREAK 1' DROP	STOP 2' DROP	TIME OF 2nd INCH	P/F/H
6/4/07	1	5'5"/15'	9:40	9:58			
	1	7'	10:27	10:33	10:43	10	P
	2	6'/15'	9:49	10:07			
	2	7'	10:17	10:27	10:41	14	P
	3	13'	11:14	11:17	11:25	8	P
	4	6'	11:02				
	4	7'3"	11:27	11:42	12:12	30	P
	5	14'			visual		P

REMARKS _____

SANITARIAN SF BACKHOE JM Contracting OTHERS G. Nicastro

TEST HOLES USED IN SDA _____ AVG. PERC TIME 155 SQ. FT/BR _____

TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____

* need to verify house connection @ time of septic installation and the sample required.

- 18) The date the plan was drawn, the plan scale (1:30 - 1:100), a scaled vicinity map and, the A # (percolation test fee receipt number, referenced in the HCHD correspondence)

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Development Coordination Section

Enclosures
Cc: File

A/P

5
dark brown
& lfsbk

5"
brown &
lfsbk

2"
brown heavy
& sil

2'
brown red
sil lfsbk
micaceous

2.5'
multi colored
(brown yellow/brown
yellow/brown)
sil micaceous
squalite

11'
respage

dark brown
& lfsbk

2.5"
brown &
lfsbk

1'
st. brown
heavy &

2'
st. brown
sil m
micaceous

2.4'
brown/st. brown
medium sil sg
micaceous
squalite

6'
multi colored
(st. brown, brown pa
medium/coarse
sil sg

2
dark brown
& pl lfsbk

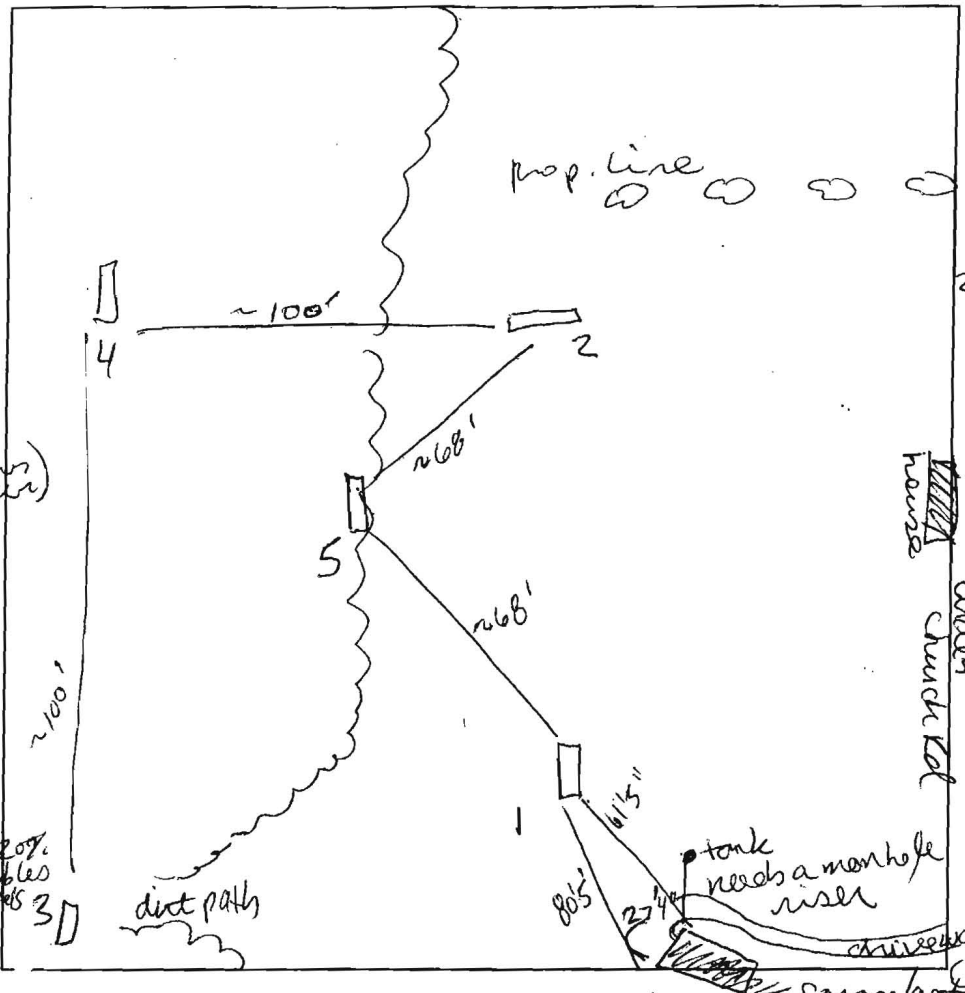
brown
sil lfsbk
micaceous

1.5"
st. brown
sil micaceous

1.5"
st. brown
heavy sil
medium sg
micaceous
squalite

7'
dark brown/
st. brown
sil micaceous
squalite sg.

14'
H₂O respage



3
brown
& lfsbk
roots

2.1'
sil micaceous
lfsbk
45% gravel

2.5'
brown yellow
sil & micaceous
sg micaceous
squalite

4
dark brown
& lfsbk
roots

red brown
heavy & sil
micaceous
lfsbk

3'
st. brown
medium sil
micaceous

4.5'
brown yellow
medium
heavy sil sg
squalite

6'
yellow brown
medium sil sg
squalite

11.5'
respage

14'
H₂O level

15'

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	5	14'			visual		P

REMARKS _____

SANITARIAN SF BACKHOE JM Contracting OTHERS G. Nicastro

TEST HOLES USED IN SDA _____ AVG. PERC TIME 15.5 SQ. FT/BR _____

TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE S/W _____

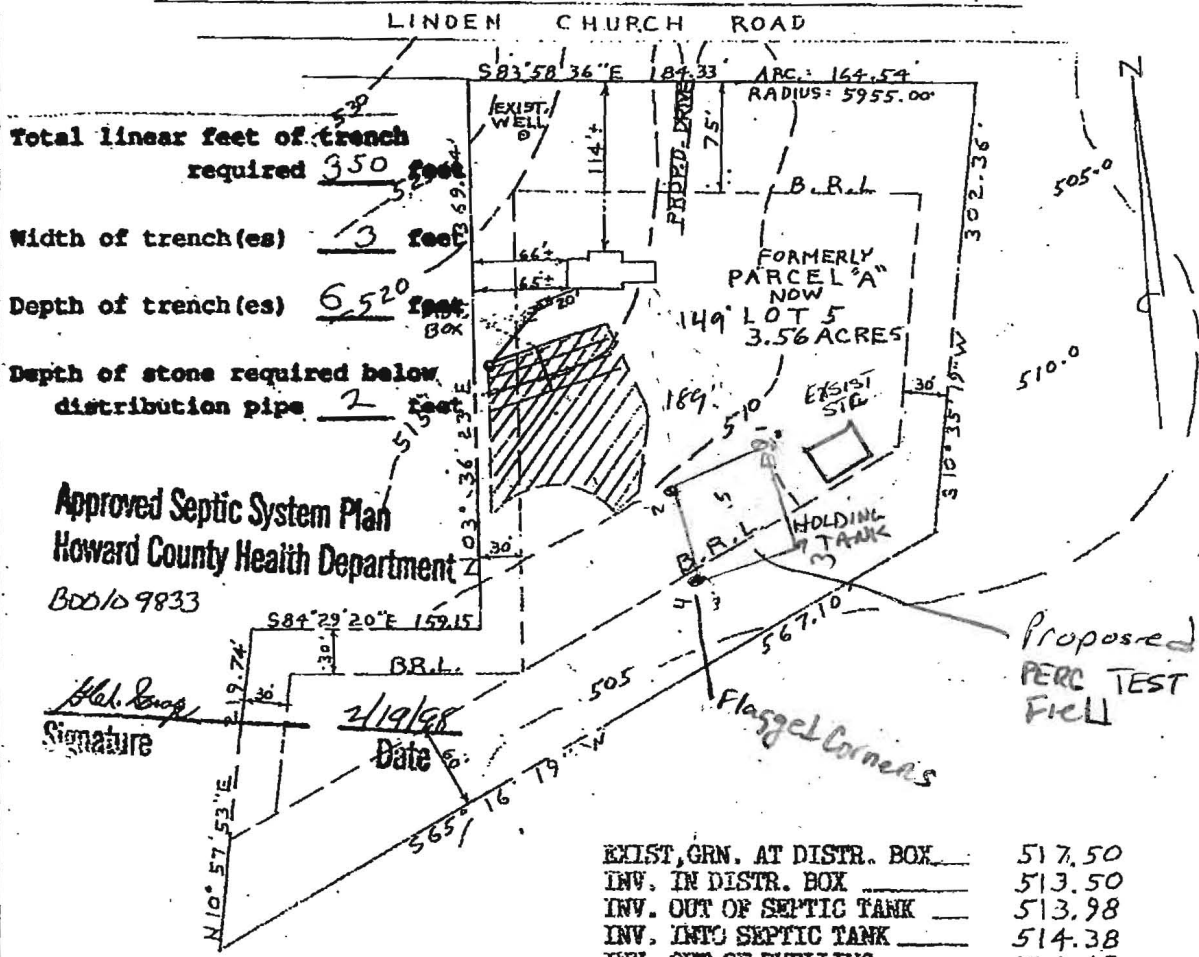
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William E. Doyle

Percolation Test Plan
 12975 Linden Church Rd
 BO7000236

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 Howard County Health Department
 BDD/09833

H.H. Seng
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 2/19/98
 Date

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 LOT 5
 LINDEN CHURCH ROAD PROPERTY
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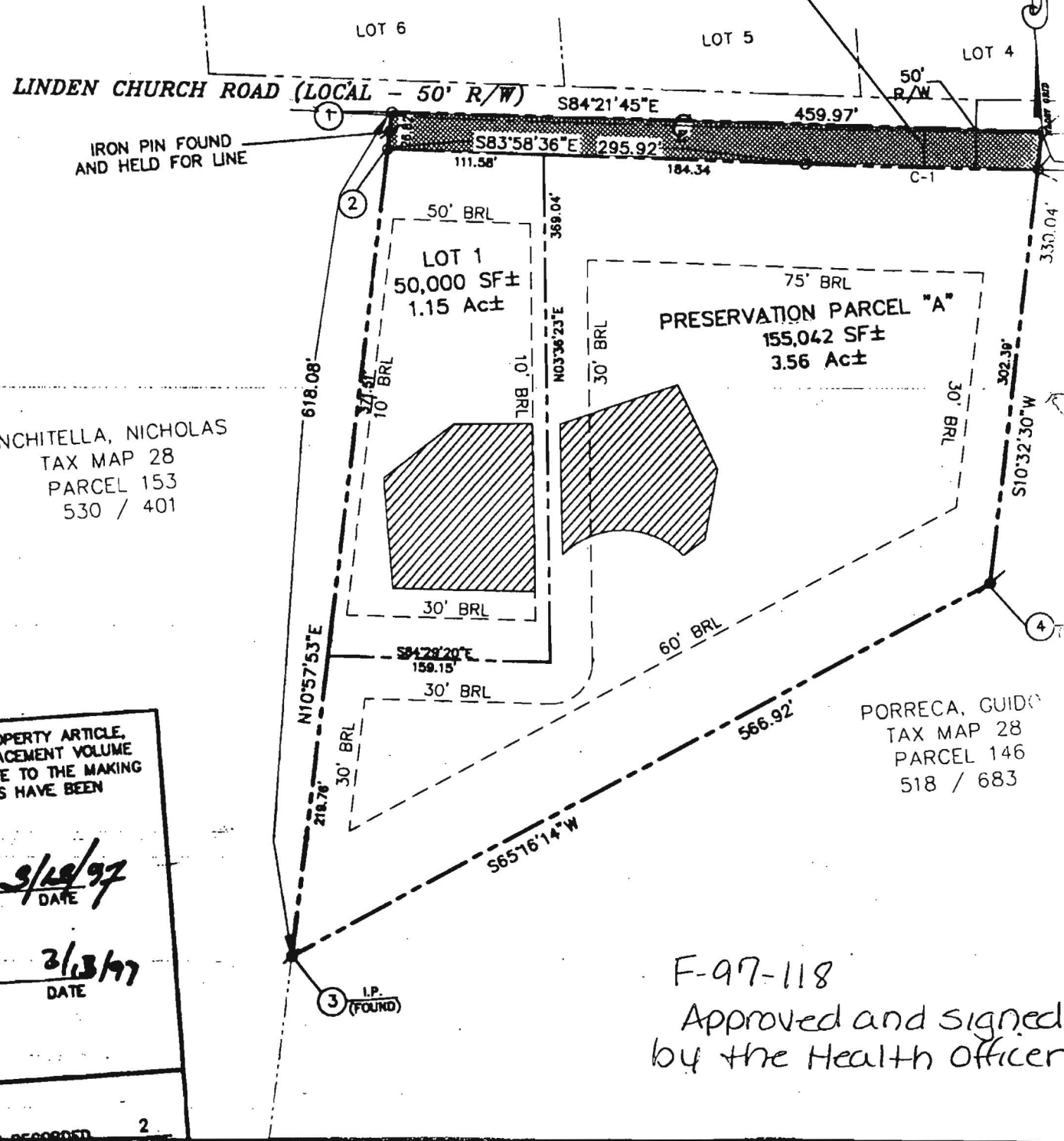
6824
 5.6167
 4.1350
 9.0646
 4.3721
 39.4277

E 809800
 N 508800

CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C-1	5955.00'	164.21'	82.10'	164.19'	S84°46'06"E	01°34'47"

TWELVE HILLS SUBDIVISION
 SECTION ONE
 LOTS 1 THRU 6
 PLAT #7391

LAND DEDICATED TO HOWARD COUNTY,
 MARYLAND, FOR THE PURPOSE OF
 A PUBLIC ROAD (WIDTH VARIES)
 AREA = 0.29 Ac±



TRANCHITELLA, NICHOLAS
 TAX MAP 28
 PARCEL 153
 530 / 401

PORRECA, GUIDO
 TAX MAP 28
 PARCEL 146
 518 / 683

THE REAL PROPERTY ARTICLE,
 1988 REPLACEMENT VOLUME
 THEY RELATE TO THE MAKING
 OF MARKERS HAVE BEEN

DATE 3/12/97

DATE 3/13/97

I.P. (FOUND)

2

F-97-118
 Approved and signed
 by the Health Officer

PERC CERT SIGNED
12/4/98

NDEN

CHURCH

ROAD

Fd. 3/4" Iron Pipe

13.98' 26.51'

S83°58'36"E

295.91'

111.58'

184.33

100'

W

75' BRL

525

LOT 1

1.15 Ac ±

75' BFL

520

618.08'

329.19'

10' BRL

ChB2 (B)

ChC2 (B)

10' BRL

N03°36'23"E

369.04'

0' BRL

tap 16
PASS
521.84

tap 12
PASS
513.58

tap 15
PASS
518.12

tap 11
PASS
510.98

tap 13
PASS
511.50

30' BRL

0°57'53"E

S84°29'20"E

159.15'

PRESERV
PARCEL
3.71 Ac

(1 OF 1)

July 26, 2007

Bureau of Environmental health
7176 Columbia Gateway Drive
Columbia, Maryland 21046

RE: B07000236 RE A #526714

To Whom It May Concern:

I Glenn L. Nicastro, certify that the work perform under my direct supervision, and is correct, the best of my knowledge and belief.

Sincerely,



Glenn L. Nicastro.