



APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____

AP 555347

AGENCY REVIEW: _____

DATE 12/2/14

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 4 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) James Hush

DAYTIME PHONE 404226970 CELL _____ FAX _____

MAILING ADDRESS 6512 Nixsvia Ave Sykesville Md 21784
STREET CITY/TOWN STATE ZIP

APPLICANT Souder Builders Inc

DAYTIME PHONE 3018540166 CELL 3018074480 FAX 3018540221

MAILING ADDRESS 13330 Clarksville Pike P.O. Box 153 Highland Md. 20771
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME Ted Oaks Farm LOT NO. 5

PROPERTY ADDRESS 5453 Harris Farm Rd Clarksville Md 21021
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 28 GRID 20 PARCEL(S) 389 PROPOSED LOT SIZE 3.05 AC

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.

[Signature]
SIGNATURE OF APPLICANT

HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM
7178 COLUMBIA GATEWAY DRIVE COLUMBIA, MARYLAND 21046 (410) 313-2640 FAX (410) 313-2648
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

Souder Inc@verizon.net

HOWARD COUNTY PERC TEST REPORT

A/P# _____

Lot # _____

Hole # 1

Hole # 4

Red Brown
SL
Dense
many
mud

Red Brown
SL
many
mud
Dense
pockets of
mica
at
bottom

5.7

Red Brown
Sh
with pockets
of laminar
sand @
many mica

15.5

Hole # 2

Red Brown
Sh
many
mud
↓

6

Hole # 5

Red Brown
yellow
SL
many
mud

4'

Red Brown
yellow
SL
5-10%
Px

5'

Red Brown
Sh
many mica
10-20%
Px
↓

Red Brown
yellow
SL
10-20%
Px
many
mud

15'

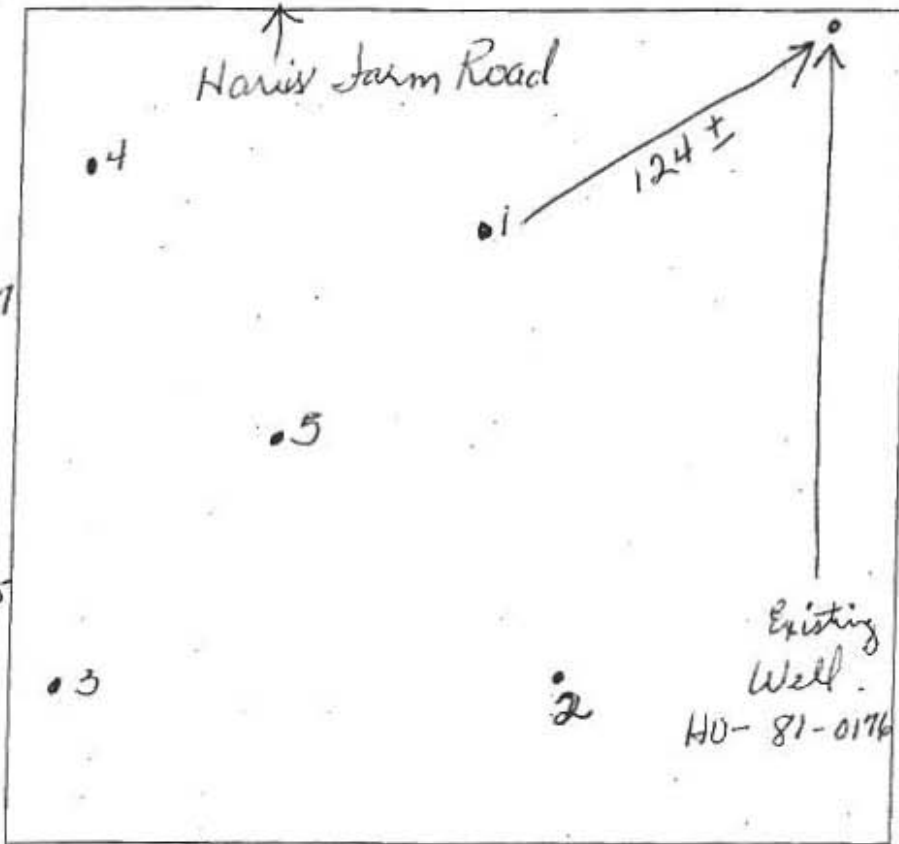
Hole # 3

Red Brown
yellow
SL
many
mud

6'

Red Brown
yellow
SL
5-10%
Px
↓

15'

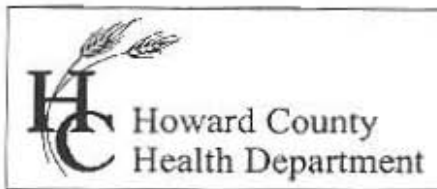


DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	PIF/H
3-12-15	1	6.4 15.4	10:55	11:05	11:15	10 min	P
3-12-15	2	5/15	11:17	11:20	11:36	10 min	P
3-12-15	3	7.5/15	11:32	11:38	11:45	7 min	P
3-12-15	4	15	10:44	10:54	11:15	2 min	P
3-12-15	5	4/15	11:46	12:07	12:23	16 min	P

REMARKS

SANITARIAN Deunard BACKHOE Smiley (Toggles)
 OTHERS _____ SQ. FT/BR Septic
 TEST HOLES USED IN SDA _____ AVG PERC TIME _____
 TRENCH WIDTH _____ INLET DEPTH _____
 MAX BOT DEPTH _____ EFFECTIVE SDW _____

Hole # _____



Bureau of Environmental Health
8930 Stanford Drive Columbia, MD 21045
(410) 313-2640 Fax (410) 313-2648
TDD (410) 313-2323 Toll Free 1-866-313-6300
Website: www.hchealth.org

Maura J. Rossman, M.D., Acting Health Officer

Date: March 17, 2015

To: Souder Builders, Inc.
C/o Donald Souder
13330 Clarksville Pike
Highland, Maryland 20777

RE: **Percolation Testing Report**
5453 Harris Farm Road
Tax Map 30, Parcel 227


Mr. Souder,

Percolation testing was conducted on the referenced property and completed on March 12, 2015. The purpose for conducting these percolation tests was for an anticipated establishment of a sewage disposal area for one lot.

A total of (5) five test holes were evaluated and twenty were found to be satisfactory with moderate percolation. Acceptable ranges for recommended inlet and trench bottom depth, and usable sidewall are indicated, and may be confirmed at the time of installation for the five (5) percolation test holes which were satisfactory. Field data collected is shown on the Percolation Test Worksheet enclosed with this letter.

All percolation tests conducted were standard tests, measuring rate of fall for a pre-wet period followed by measurement and recordation of the time required for the water level to drop 1 inch. Areas that may be included in a septic reserve are represented by test locations having satisfactory soil conditions. The area of the septic reserve must be at least 10,000 square feet, though Howard County Code [3.805.A.2.X] requires that the area be large enough to accommodate an initial drain field and two repair drain fields for the planned residence. The existing house on lot #1 must upgrade the existing septic system. The well on Lot # 1 must also be abandoned and new wells drilled on all lots before building permit approval.

The next step in this process is to submit a Percolation Certification Plan to confirm the design of the septic reserve area for this lot. If you have any questions regarding this evaluation or requirements for the Percolation Certification Plan, please contact me at the above address or by telephone at (410) 313-2775.

Respectfully,

Dana Bernard, REHS/RS
Environmental Specialist II
Well and Septic Program

Enclosures (2)

Cc: File

APPLICATION

A 24849

SEWAGE DISPOSAL TESTING

P _____

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

3 B.R. | 4 B.R. DISTRICT 5th
100 gal. sept. tank | 1250 gal. sept. tank

P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 465-5000, EXT. 356

DATE 11/30/76

Drywell and trench system to have 145 sq. ft. effective sidewall absorption area per bedroom to be in below the frost 4 ft. of non-flows soil. Maximum depth permitted for drywell or trench is 10 ft. below original grade. Place the drywell 150 ft. from the front (315.75 ft. long) property line and 90 ft. from the right (683.12 ft. long) side line, as seen when facing the property from the 100 ft. wide common right of way off Ten Oaks Road. Start the trench after a 5 foot earth buffer into the drywell and proceed to dig it on bed ground the necessary distance.

NOTE: Call for inspection of trench before gravel is installed.

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 Allan Weintraub

ADDRESS @Richard Hollowell
Highland, Md. 20777 PHONE 286-2988

PROPERTY LOCATION:

SUBDIVISION --- LOT NO. Parcel 5

ROAD AND DESCRIPTION Private lane off N/W corner of Ten Oaks Rd
and Highland Rd - 1 mi. S. of Dayton

SIZE OF LOT Parcel 5, 3.025 ac, rec661/235 on 11/21/73 TYPE BLDG. 4 bedrm single family dwg.
NUMBER OF BEDROOMS _____

IF NOT SINGLE RESIDENCE DESCRIBE _____

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE.

SIGNATURE OF APPLICANT Richard Hollowell

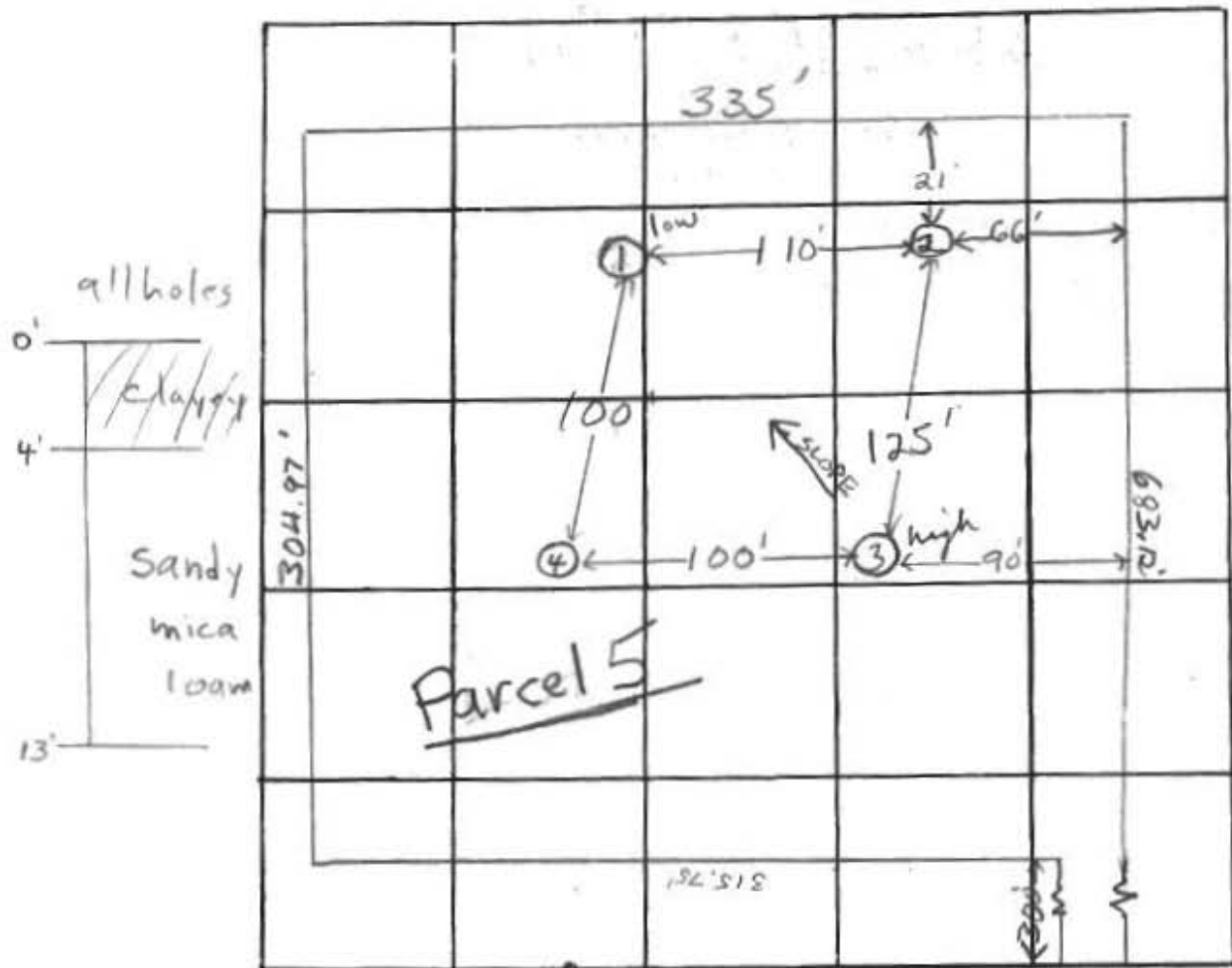
APPROVED BY Frank Skinner FOR Drywell & trench DATE 2/7/78
(KIND OF SYSTEM)

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

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 5/27/77 Hold for signed boundary plat
perc. O.K. F.S.

THIS IS NOT A PERMIT



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

100' R/W for main lanes

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
5/27/77	1 low	4'	10:45	10:50	10:50	11:02	12min	
	1A	11 1/2'	10:45	10:48	10:48	10:54	6min	
	2	5'	10:48	10:58	10:58	11:14	16min	
	2A	12 1/2'	10:48	10:52	10:52	10:59	7min	
	3 high	5'	10:50	10:53	10:53	11:00	7min	
	3A	13'	10:50	10:59	10:59	11:12	13min	
	4	11'	Clayey to ~4' mica sand loam below					

REMARKS ~6' deep from (3) → (1)

TYPE OF SOIL clayey to ~3' → 4'; sandy mica loam below

TESTED BY F.S.

ALSO PRESENT: Hollowell & Fyock's crew

Bernard, Dana

From: Bernard, Dana
Sent: Wednesday, December 10, 2014 4:08 PM
To: 'Souderinc@verizon.net'
Subject: 6453 Harris Farm Lane
Attachments: perctestandplanreqs[1].pdf

Mr. Saunders,

Per our conversation, I have attached the Percolation Certification requirements for developing lots. If you have any additional questions just send me an e-mail and I will get back to you as soon as possible.

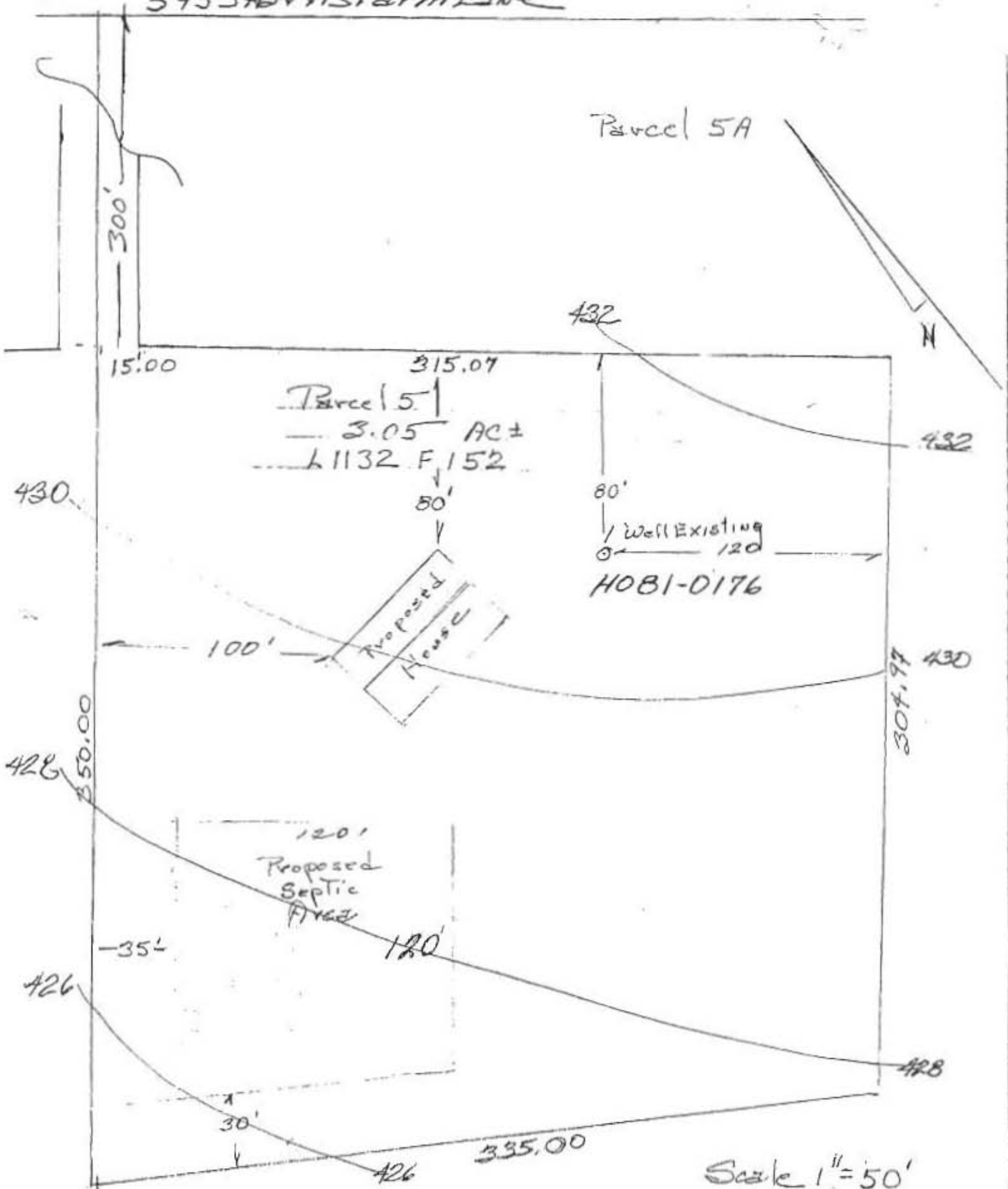
Thank you & Have a*~*)

(.:. (.:. * Wonderful Day!

Dana Bernard, REHS/RS
Environmental Specialist II
Bureau of Environmental Health
Well and Septic Program
Phone (410) 313-2775
E-mail: DBernard@howardcountymd.gov

Ten Oaks Farms
5453 Harris Farm Lane

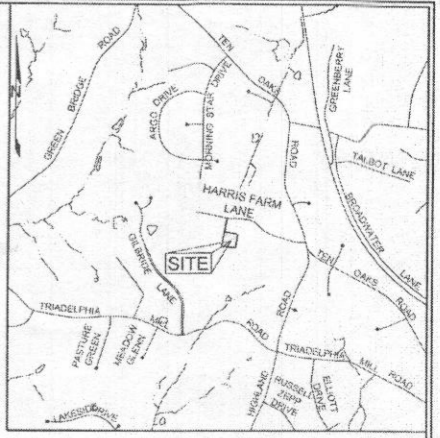
→ To Ten Oaks Rd





LEGEND

- EXISTING CONTOUR
- EXISTING TREELINE
- PERCOLATION TEST HOLE STANDARD, PASSED
- EXISTING WELL LOCATION
- PROPOSED REPLACEMENT WELL LOCATION
- SOIL BOUNDARY



VICINITY MAP
SCALE: 1"=200'

SOILS LEGEND			
SYMBOL	NAME / DESCRIPTION	GR/CLP	Kc FACTOR
GgA	GLENELO CLAY TO 3 PERCENT SLOPES	B	0.75
GgB	GLENELO CLAY TO 9 PERCENT SLOPES	B	0.75

NOTES:
 1) SOIL INFORMATION HAS BEEN TAKEN FROM THE UNITED STATES DEPARTMENT OF AGRICULTURE, NATURAL RESOURCES CONSERVATION SERVICE, WEB SOIL SURVEY
 2) HIGHLY FRODIBLE SOILS ARE THOSE SOILS WITH A SOIL SLOPE GREATER THAN 15 PERCENT OR THOSE SOILS WITH A SOIL PROBABILITY FACTOR 'K' GREATER THAN 0.35 AND WITH A SOIL SLOPE GREATER THAN 5 PERCENT

GENERAL NOTES

1. SUBJECT PROPERTY ZONED RR-600 PER 06082018 COMPREHENSIVE ZONING PLAN
2. TOTAL AREA OF PROPERTY = 2.5973 AC ±
3. PRIVATE WATER AND PRIVATE SEWER SHALL BE USED WITHIN THIS SITE
4. ZZZ THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF AT LEAST 10,000 SF AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL (COMAR 26.04.03). IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE 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 ADJUSTMENTS TO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY
5. THE BOUNDARY SHOWN HEREON IS BASED ON A FIELD RUN BOUNDARY SURVEY PREPARED BY SHANBERGER & LANE IN AUGUST, 2015
6. THE TOPOGRAPHY SHOWN ON SITE WAS FIELD RUN BY SHANBERGER & LANE, IN JUNE 2015 AND ACCURATELY REPRESENTS THE RELATIVE CHANGES ON THE SUBJECT PROPERTY. THE EXISTING TOPOGRAPHY SHOWN OUTSIDE THE SITE IS BASED ON HOWARD COUNTY AERIAL TOPOGRAPHY FROM 2004. ALL CONTOURS SHOWN ARE AT TWO-FOOT CONTOUR INTERVALS
7. PROPERTY ADDRESS: 5453 HARRIS FARM LANE, CLARKSVILLE, MARYLAND 21031
8. RECORDERS: LIBER 14938, FOLIO 278
9. THERE ARE NO EXISTING STRUCTURES ON THE PROPERTY
10. THE LOT SHOWN HEREON COMPIES WITH THE MINIMUM "OWNER'SHIP" WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT
11. ALL OFF-SITE EXISTING WELLS, SEPTIC SYSTEMS AND SEWAGE DISPOSAL EASEMENTS WITHIN 100 FEET OF THE PROPERTY BOUNDARIES AND 200' DOWN GRADIENT OF ANY WELLS AND/OR SEPTIC SYSTEMS ARE SHOWN AND WERE ESTIMATED PER HOWARD COUNTY HEALTH DEPARTMENT RECORDS
12. EXISTING WELL ON-SITE (HO-01-0178) HAS BEEN FIELD LOCATED
13. ANY CHANGES TO A PRIVATE SEWAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN
14. THE PURPOSE OF THIS PLAN IS TO FORMALLY ESTABLISH AN APPROVED SEPTIC EASEMENT ON THE PROPERTY IN ACCORDANCE WITH HOWARD COUNTY CODE

PLAN VIEW
SCALE 1"=50'

OWNER/DEVELOPER

VALERIE J. NICHOLS
 5453 HARRIS FARM LANE,
 CLARKSVILLE, MARYLAND 21029

PERCOLATION CERTIFICATION PLAN

HARRIS FARM
 5453 HARRIS FARM LANE

TAX MAP 28, GRID 20
 5TH ELECTION DISTRICT

PARCEL 389
 HOWARD COUNTY, MARYLAND



11130 Dorchester Court, Suite 250
 Manassasville, VA 20108-2104
 Phone: 433.224.5676
 Fax: 410.076.2022
 Email: info@sillengineering.com
 Civil Engineering for Land Development

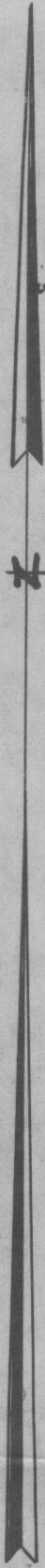
DESIGN BY: MS
 DRAWN BY: AEA
 CHECKED BY: HS
 SCALE: AS SHOWN
 DATE: AUGUST 17, 2015
 PROJECT #: 15-029
 SHEET # 1 of 1

PROFESSIONAL CERTIFICATION: I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A D.E.L. LICENSED PROFESSIONAL ENGINEER IN THE STATE OF MARYLAND. LICENSE NO. 20083. EXPIRES 12/31/2017.

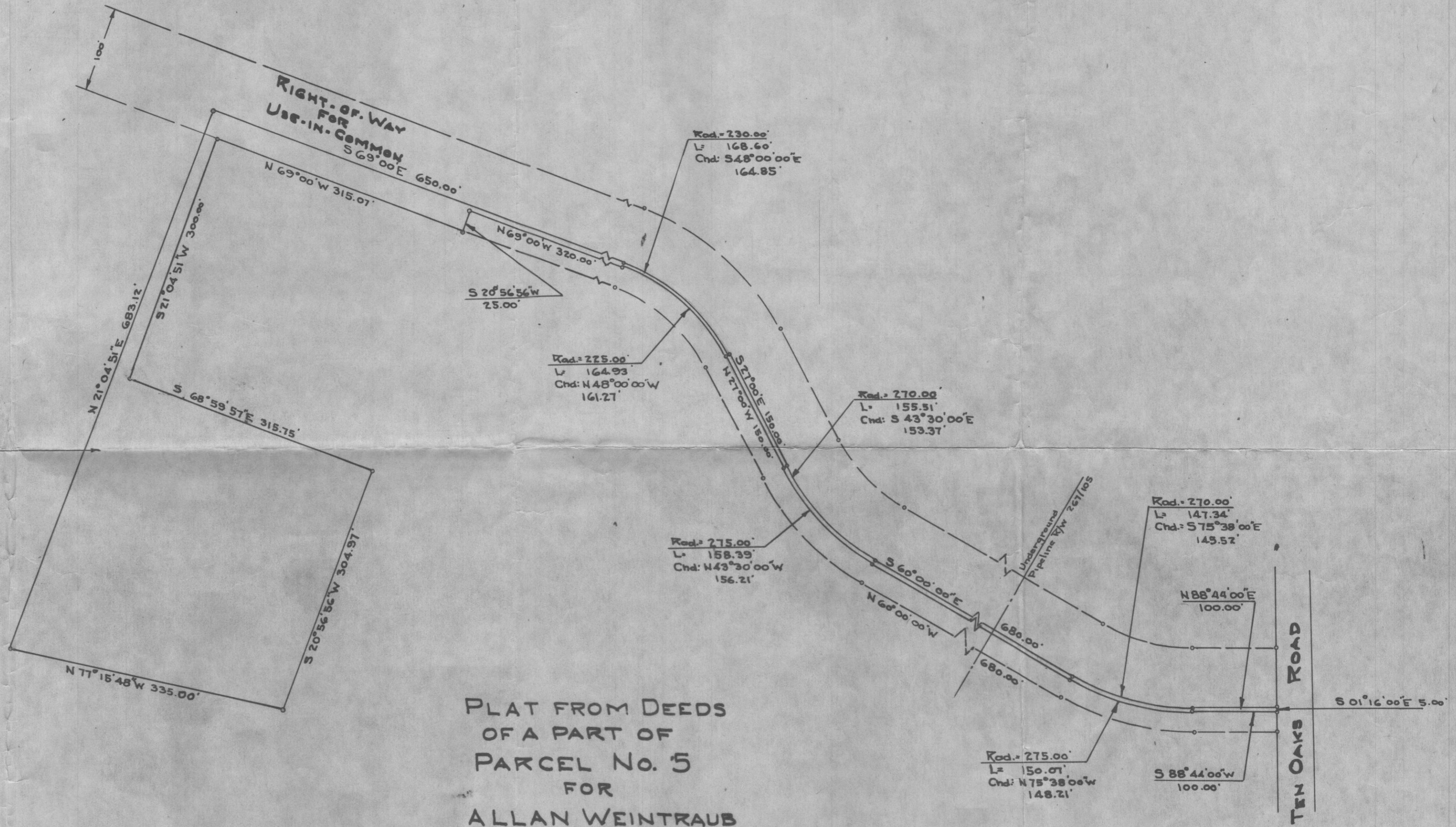
APPROVED: FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS IN ACCORDANCE WITH THE MASTER PLAN OF HOWARD COUNTY
 [Signature]
 COUNTY HEALTH OFFICER
 HOWARD COUNTY HEALTH DEPARTMENT

I CERTIFY THAT THE INFORMATION SHOWN HEREON IS BASED ON FIELD WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION AND IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.
 [Signature]
 PAUL M. SILL, P.E., L.E.C.E.P.
 LICENSED PROFESSIONAL ENGINEER #20028

PERCOLATION TEST ELEVATIONS	
TEST NUMBER	ELEVATION
1	568.3'
2	570.2'
3	564.9'
4	564.3'
5	567.1'



PART OF
PARCEL No. 5
3.023 ACRES



PLAT FROM DEEDS
OF A PART OF
PARCEL No. 5
FOR
ALLAN WEINTRAUB
FIFTH ELECTION DIST, HOWARD COUNTY
CLARKSVILLE, MARYLAND.
SCALE: 1 IN. = 100 FT. Nov. 8, 1976



Robert C. Rose

Note: The lot shown hereon complies with the minimum ownership and lot area as required by the Maryland Dept. of Health & Mental Hygiene.

Approved: Private Water & Private Sewer
Josiah Byluno 6-6-71
 Howard County Health Officer Date

375
320
164
100
145
680
158
153
10

658