



APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) 6/23/04 TEST TIME 9:00 AP # 520409

AGENCY REVIEW: _____ DATE 6/9/2004

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 6 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) BRUCE + MADELINE BATES

DAYTIME PHONE 301 617 0164 CELL _____ FAX 301 617 0420

MAILING ADDRESS 8516 EDENTON CT. FULTON MD 20759
STREET CITY/TOWN STATE ZIP

APPLICANT BRUCE BATES

DAYTIME PHONE 301 617 0164 CELL _____ FAX 301 617 0420

MAILING ADDRESS 8516 EDENTON CT. FULTON MD 20759
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME _____ LOT NO. _____

PROPERTY ADDRESS 13060 WAINWRIGHT RD. HIGHLAND MD 20777
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 40 GRID 8 PARCEL(S) 502 PROPOSED LOT SIZE 6 ACRES

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.

Bruce Bates
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 A

orange brown micaceous rootbed SCL

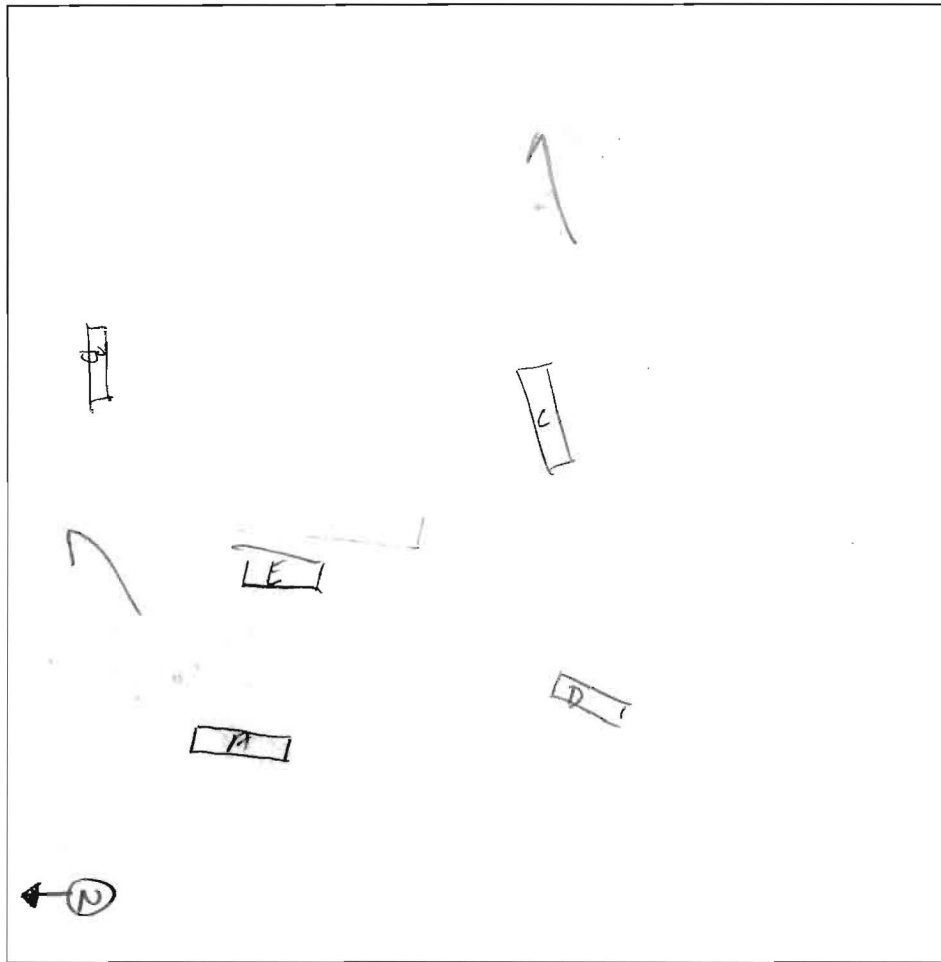
2

red brown micaceous SL

6

orange brown micaceous SL w/10-15% weak sep

11



E

orange brown SCL

1

brown micaceous SL w/25-30% coarse cherty frags

8

brown micaceous SL w/10-15% coarse cherty frags

10

hard bottom

D

rootbed brown SCL

2

orange brown micaceous SL w/10-15% weak saprolite

13

B

Brown SCL

2

brown SL w/10-15% coarse frags

6

brown SL w/10-15% coarse frags

10

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
6/23/04	A	4 11	9:52	9:54	9:56	2	P
6/23/04	D	4 1/2 13	10:06	10:09	10:15	6	P
6/23/04	C	3 1/2 11	10:21	10:24	10:30	6	P
6/23/04	E	6 9	10:36	10:38	10:42	4	P
6/23/04	B	4 16	10:55	10:56	10:58	2	P

C

rootbed micaceous brown SCL

2

brown micaceous SL w/10-15% weak sep

6

brown micaceous SL w/25-30% slaty mica schist frags

9

brown micaceous SL

11

REMARKS Hard bottom in middle hole.

SANITARIAN J. Boeris BACKHOE Mr. Butes OTHERS Mr. Bates & son

TEST HOLES USED IN SDA A 4 AVG. PERC TIME 4 SQ. FT/BR 180

TRENCH WIDTH 3 INLET DEPTH 73 MAX. BOT DEPTH 46 EFFECTIVE SW 23

5/18/99
10:00

APPLICATION

PERCOLATION TESTING

A 511456

P _____

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

DISTRICT _____

DATE 3/10/99

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 MR. HARRY WAINWRIGHT

ADDRESS P.O. BOX 125, HIGHLAND, MD 20777 PHONE (301)-924-2145

AGENT OR PROSPECTIVE BUYER KIM POWELL (301) 924-2145

ADDRESS P.O. BOX 125, HIGHLAND, MD 20777 PHONE _____

PROPERTY LOCATION:

SUBDIVISION WAINWRIGHT PROPERTY LOT NO. 6

ROAD AND DESCRIPTION WAINWRIGHT ROAD, OFF OF RT. 108 NEAR Ho. Co. /
MONTGOMERY CO. LINE

TAX MAP 40 PARCEL # 502

SIZE OF LOT 3.61 (EXISTING) TO BE ENLARGED 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. Kimberly Powell
(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 _____

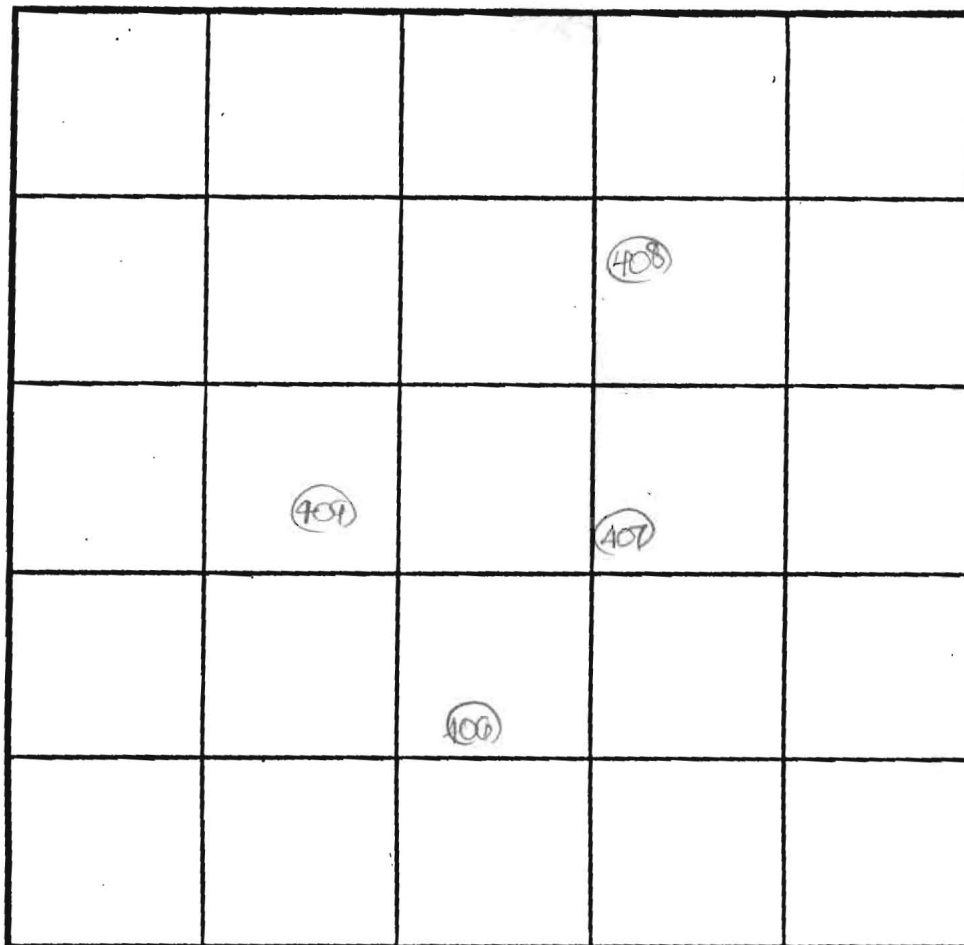
SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

COUNTY #

SOIL PROFILE

406
 0' topsoil
 3' org brn
 cl Lm
 3' pale
 red
 brn
 Si Lm
 w/mica
 flecs
 30% sapr
 sh
 0'8" Refusal



SOIL PROFILE

408
 0' topsoil
 1' red brn
 cl Lm
 3' pale red
 brn
 Si Lm
 w/mica
 flecs
 30% sapr
 sh
 11.5'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5-18-99	406	3.0'S	10:28	10:29	10:29	10:30	2
		10'8" D	Visual	- See	profile		OK
	409	3.5'S	10:33	10:35	10:35	10:36	2
		11.5' D	Visual	- See	profile		OK
	407	11.5' D	Visual	- See	profile		OK
	408	3.5'S	10:43	10:45	10:45	10:47	3
		11.5' D	Visual	- See	profile		OK

REMARKS holes tested as staked - SHALLOW SYSTEM ONLY -

TYPE OF SOIL _____

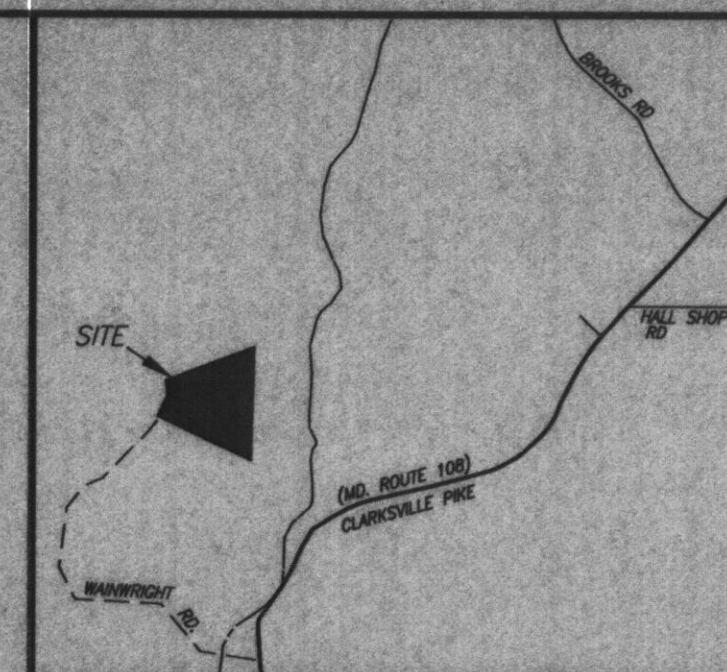
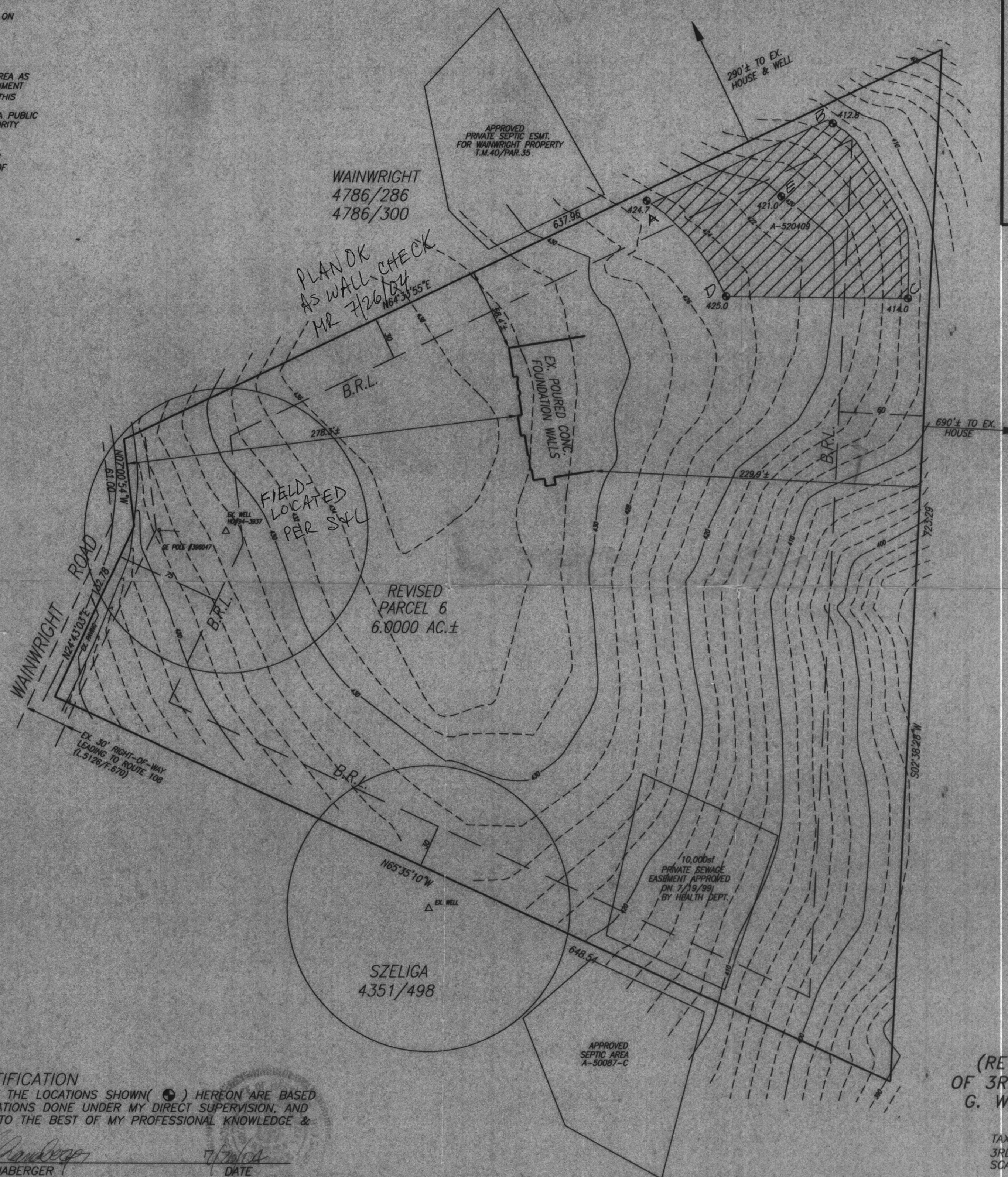
TESTED BY D. See ALSO PRESENT D. KettnermanTRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 2 TRENCH WIDTH 3INLET DEPTH 2.5 MAXIMUM BOTTOM DEPTH 4.5 SQ. FT./BEDROOM 180

409
 0' topsoil
 1' org red
 brn
 cl Lm
 3' pale
 red
 brn
 Si Lm
 w/mica
 flecs
 20% sapr
 sh
 11.5'

407
 0' topsoil
 1' org brn
 cl Lm
 3' pale org
 tan
 Si Lm
 w/mica
 flecs
 15% sapr
 sh
 11.5'

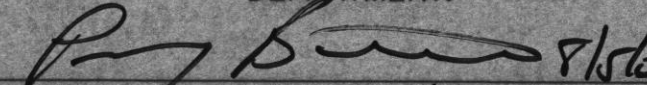
NOTES:

1. TOPOGRAPHY SHOWN HEREON WAS FIELD-RUN BY SHANABERGER & LANE ON MARCH 29, 2003.
2. B.R.L. DESIGNATES BUILDING RESTRICTION LINE
3.  THIS AREA DESIGNATES A PROPOSED PRIVATE SEWAGE RESERVE AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. THIS RESERVE AREA SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS INTO THE PRIVATE SEWAGE RESERVE AREA.
4. THE LOT SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.



VICINITY MAP
SCALE: 1"=2000'

APPROVED: FOR PRIVATE WATER &
PRIVATE SEWAGE SYSTEMS.
HOWARD COUNTY HEALTH
DEPARTMENT.


COUNTY HEALTH OFFICER JAB DATE

PERC CERTIFICATION

I CERTIFY THAT THE LOCATIONS SHOWN (●) HEREON ARE BASED ON FIELD-LOCATIONS DONE UNDER MY DIRECT SUPERVISION, AND ARE CORRECT TO THE BEST OF MY PROFESSIONAL KNOWLEDGE &


G. SCOTT SHANABARGER


DATE

SHANABERGER & LANE
8726 TOWN & COUNTRY BLVD.
SUITE 201
ELLICOTT CITY, MD. 21043
PHONE: 410-461-9563
FAX: 410-461-9693

FIELD-LOCATED
PERC TEST PLAT
REVISED PARCEL 6
(REVISED 1ST REMAINDER
OF 3RD PARCEL OF THE SARAH
G. WAINWRIGHT ESTATE)
L.5126/F.670

TAX MAP 40 GRID 8 PARCEL 502
3RD ELECTION DIST. HOWARD CO., MD.
SCALE: 1"=50' JULY 19, 2004

A-520409

NOTES:

- SUBJECT PROPERTY ZONED: RR-DEO
-  THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF 10,000 S.F. AS REQUIRED BY THE MD STATE DEPT. OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED. THIS EASEMENT SHALL BECOME NULL & VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A MODIFIED SEWAGE EASEMENT PLAT SHALL NOT BE NECESSARY.
- THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP & LOT AREA AS REQUIRED BY THE MD. STATE DEPT. OF THE ENVIRONMENT.
- BRL DESIGNATES BUILDING RESTRICTION LINE.
 -  DESIGNATES PROPOSED HOUSE.
 -  DESIGNATES SUCCESSFUL PERC TEST
 -  DESIGNATES FAILED PERC TEST
 -  DESIGNATES EXISTING WELL
 -  DESIGNATES PROPOSED WELL
 -  DESIGNATES EXISTING SEPTIC SYSTEM CLEANOUT
- ELEVATIONS SHOWN HEREON ARE FIELD RUN, ARE BASED ON HOWARD COUNTY CONTROL STATION # 2235004 AND DO NOT SEEM TO AGREE WITH HOWARD COUNTY 200' SCALE AERIAL PHOTOGRAMMETRY.
- ALL VISIBLE WELLS & SEPTIC SYSTEMS WITHIN 100 FEET OF PROPERTY HAVE BEEN SHOWN HEREON.

APPROVED: FOR PRIVATE WATER & PRIVATE SEWAGE SYSTEMS.

John B. Williams 11-28-99
COUNTY HEALTH OFFICER DATE



G. Scott Shanaberger
G. SCOTT SHANABERGER DATE
PROF. LAND SURVEYOR #10843

SHANABERGER & LANE

8736 TOWN & COUNTRY BLVD
SUITE 104
ELLSWORTH CITY, MD 21113
(410) 461-0565

FIELD LOCATED PERC TEST PLAT

- REVISED 3RD PARCEL, MARY ANN NORRIS PROPERTY
- REVISED 2ND REMAINDER OF 3RD PARCEL, SARAH G. WAINWRIGHT ESTATE
- REVISED 2ND REMAINDER OF 2ND PARCEL, SARAH G. WAINWRIGHT ESTATE
- REVISED 1ST PARCEL, SARAH G. WAINWRIGHT ESTATE
- REVISED 1ST REMAINDER OF 2ND PARCEL, SARAH G. WAINWRIGHT ESTATE
- REVISED 2ND PARCEL, MARY ANN NORRIS PROPERTY

SCALE: 1"=200' DATE: SEPTEMBER 28, 1994
REV. OCTOBER 31, 1994



OF DISTURBANCE
FENCE
POSED SPOT ELEVATION

TES A PROPOSED PRIVATE SEWAGE RESERVE AREA AS
MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT
DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS
ITIL PUBLIC SEWAGE IS AVAILABLE. THIS
COME NULL AND VOID UPON CONNECTION TO A PUBLIC
JNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY
NTO THE PRIVATE SEWAGE RESERVE AREA.

27,413 SF±
BASEMENT IS AVAILABLE.

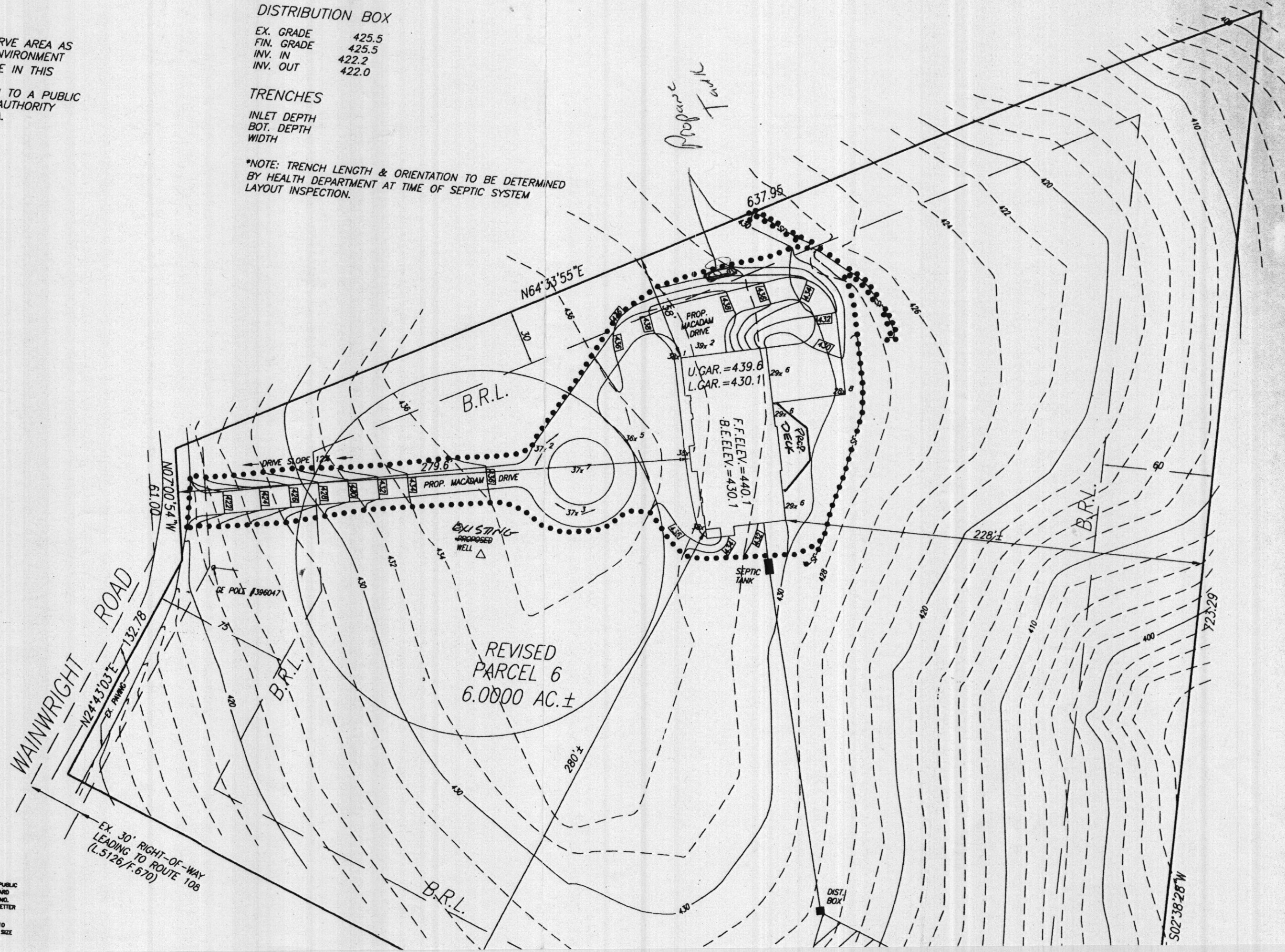
INV. GRADE 430.8
INV. IN 427.2
INV. OUT 426.9

DISTRIBUTION BOX
EX. GRADE 425.5
FIN. GRADE 425.5
INV. IN 422.2
INV. OUT 422.0

TRENCHES
INLET DEPTH
BOT. DEPTH
WIDTH

*NOTE: TRENCH LENGTH & ORIENTATION TO BE DETERMINED
BY HEALTH DEPARTMENT AT TIME OF SEPTIC SYSTEM
LAYOUT INSPECTION.

NO. 10 64 1-1/2



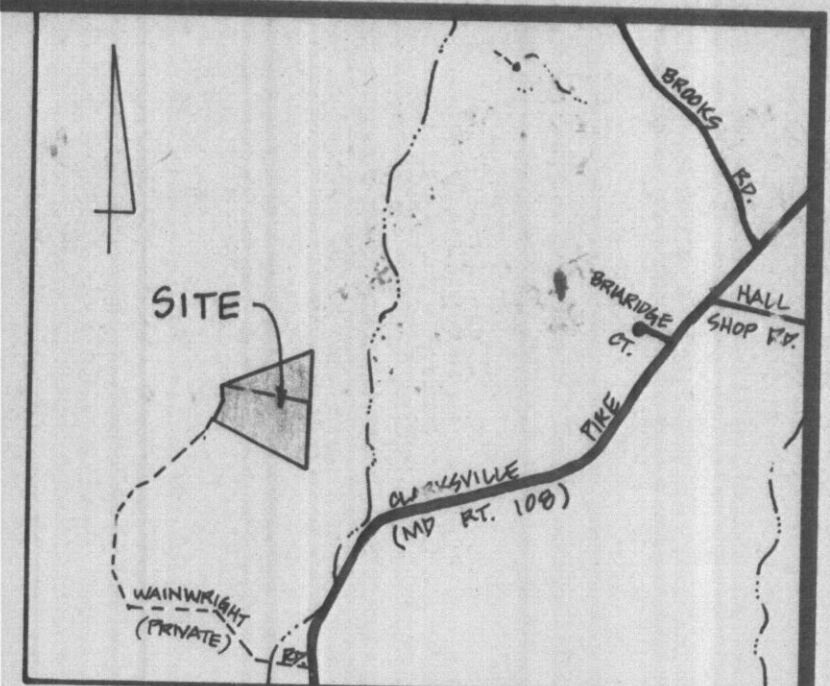
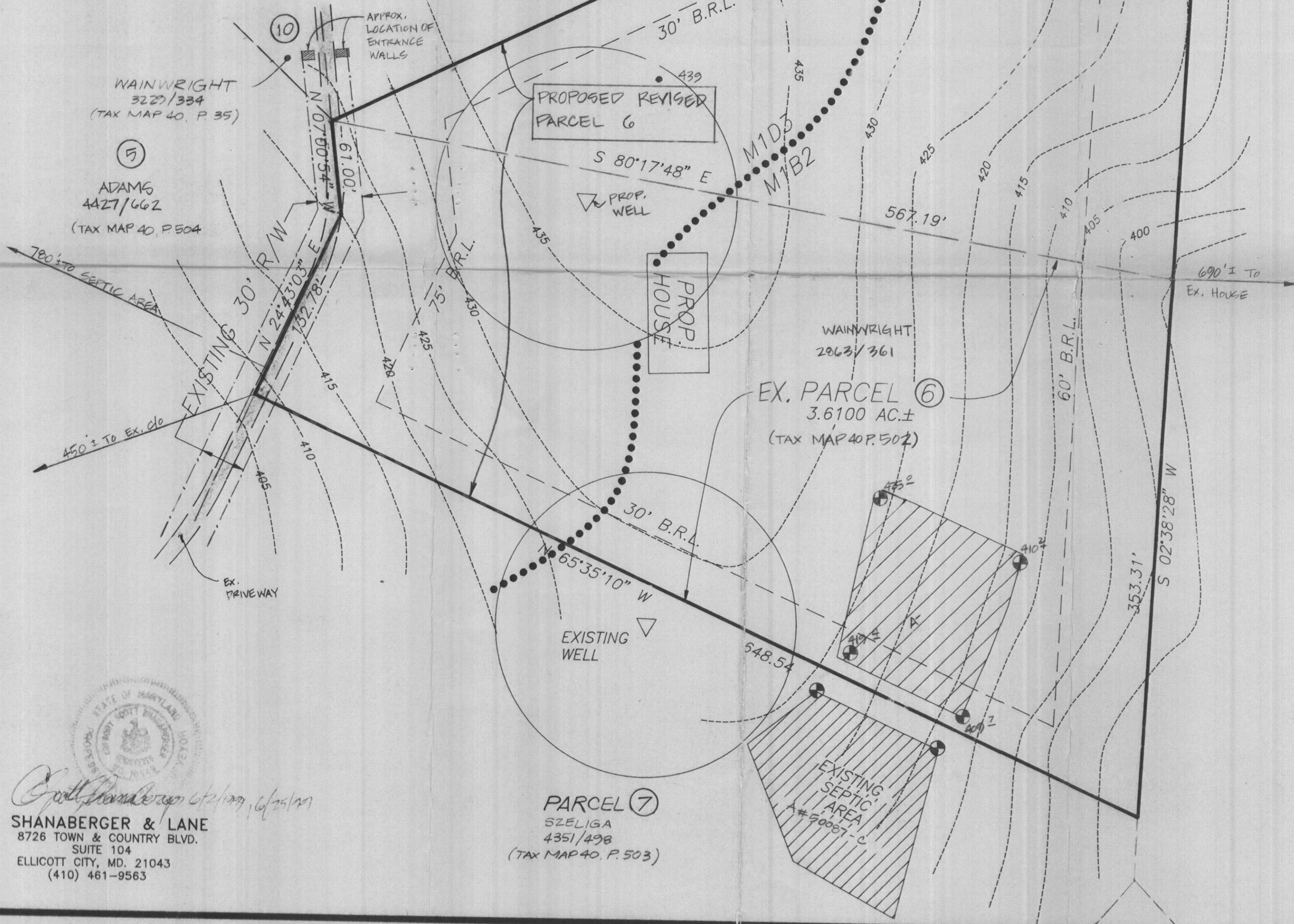
ENTRANCE
RD DETAIL
S.)

RIGHT OF WAY LINE
D SHOULDER
DITCH FLOW LINE
STANDARD FLARE
END SECTION (TYP.)
ROADWAY SHOULDER

- NOTES:
1. DRIVEWAY MUST BE PAVED FROM EDGE OF PUBLIC ROAD TO RIGHT OF WAY LINE USING STANDARD PAVING SECTION P-1 AS SHOWN ON STD. NO. OR ALTERNATE SECTION EQUAL TO OR BETTER THAN P-1, AS APPROVED BY D.P.W.
 2. DRAINAGE CULVERT SHALL BE SIZED FOR A 10 YEAR FREQUENCY STORM AND THE MINIMUM SIZE SHALL BE 12" DIA. ROUND OR 14"x8" ARCH PIPE IF LARGER PIPE IS REQUIRED, DITCH INVERT SHALL BE LOWERED TO PREVENT LIL.

NOTES:

1. THE SUBJECT PROPERTY IS ZONED RR-DEO
2. THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH & LOT AREA AS REQUIRED BY THE MD. STATE DEPT. OF THE ENVIRONMENT.
3.  THIS AREA DESIGNATES A PROPOSED PRIVATE SEWAGE ESMT. AS REQUIRED BY THE MD. STATE DEPT. OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. THIS ESMT. SHALL BECOME NULL & VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWAGE ESMT. RECORDATION OF A MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY. THERE IS A 10,000 SF. MINIMUM RESTRICTION ON THE SEWAGE EASEMENT.
4. THE TOPOGRAPHY SHOWN HEREON IS TAKEN FROM HOWARD COUNTY 1"=200 SCALE AERIAL PHOTOGRAMMETRY AND SHOULD BE FIELD VERIFIED.
5. B.R.L. DESIGNATES BUILDING RESTRICTION LINE
6. ALL VISIBLE WELLS & SEPTIC SYSTEMS WITHIN 100' OF THE PROPERTY BOUNDARY HAVE BEEN SHOWN HEREON.
7.  DESIGNATES SUCCESSFUL PERC TEST LOCATION WITH FIELD RUN ELEVATION



VICINITY MAP
SCALE 1"=1200'

(TAX MAP P. 40)
WIESINGER
3778/20

APPROVED: FOR PRIVATE WATER & PRIVATE SEWAGE SYSTEMS, PARCEL 6 AND PARCEL 9 - HOWARD COUNTY HEALTH DEPT.

Dina M. Heston 7/19/99
COUNTY HEALTH OFFICER DATE

FIELD-LOCATED
PERC TEST PLAT
REVISED PARCEL 6 & REVISED PARCEL 9
REVISED FIRST REMAINDER
OF THIRD PARCEL OF THE
SARAH G. WAINWRIGHT ESTATE
TAX MAP 40 BLOCK 9
PARCELS 502 & 235
5TH ELECTION DISTRICT, HOWARD COUNTY, MD
SCALE: 1"=50'
FEBRUARY 26, 1999
REVISED 6/9/99
REVISED 6/25/99