



APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____

AP 530998

AGENCY REVIEW: _____

DATE 5-13-09

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) David A. Bandel, Amy G. Bandel

DAYTIME PHONE 410-608-6271 CELL 410-608-6271 FAX _____

MAILING ADDRESS 14565 Mustang Path Glenwood MD 21738
STREET CITY/TOWN STATE ZIP

APPLICANT - Same -

DAYTIME PHONE _____ CELL _____ FAX _____

MAILING ADDRESS _____
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME Glenwood Estates section 1 LOT NO. 36

PROPERTY ADDRESS 14565 Mustang Path Glenwood
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.

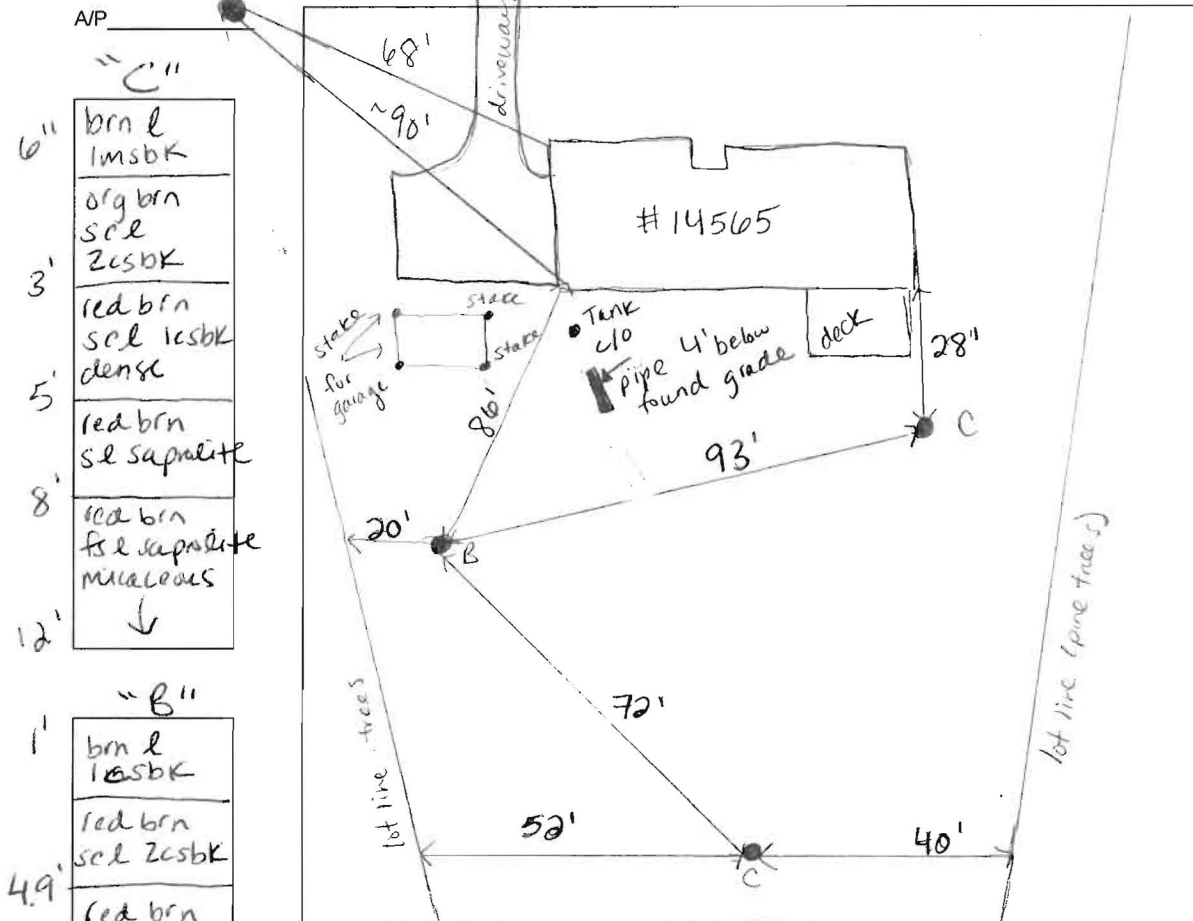
TEST RESULTS WILL BE MAILED TO APPLICANT.

[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

Mustang Path

WELL HO-73-4109



NOT TO SCALE

- 6" "C"
brn l
lmsbk
- 3' org brn
scl
Zcsbk
- 5' red brn
scl lcsbk
dense
- 8' red brn
scl saprolite
- 12' red brn
fs l saprolite
micaceous
↓
- 1' "B"
brn l
lcsbk
- 4.9' red brn
scl Zcsbk
- 7' red brn
scl saprolite
- 12.2' red/yellow
brn fs l
saprolite
common
mica
↓
- 8" "A"
brn l
lmsbk
- 4' red/org
brn scl
Zmsbk
- yellow &
red brn
scl
↓
- 8' fs l &
saprolite
(same as
B+C)
- 12'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
10-8-09	C	5.5' / 12'	9:29	9:44	10:09	25	P
6-8-09	B	6.5' / 12'	9:48	9:59	10:10	17	P
6-8-09	A	5.6' / 12'	10:11	10:28	10:53	25	P

REMARKS well ~15' from lot line
located trenches per as built, found pipe from tank to d-box

SANITARIAN HS BACKHOE _____ OTHERS Jerry, Smokey

TEST HOLES USED IN SDA 3 AVG. PERC TIME 22 SQ. FT/BR _____

TRENCH WIDTH 2' INLET DEPTH 4 MAX. BOT DEPTH 8' EFFECTIVE SW 1.5'-2'



Howard County
Health Department

Bureau of Environmental Health

7178 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

David Bandel
14565 Mustang Path
Glenwood, MD 21738

**Re: PERCOLATION TEST RESULTS
Receipt # - A530998**

Dear Mr. Bandel,

Percolation testing was conducted at your property on June 8th, 2009 in response to a proposed garage and aboveground pool which require revision to the existing septic easement on your lot. Results indicate satisfactory soil conditions for onsite wastewater disposal. A total of 3 test holes were dug to confirm existing conditions. Uniform soils consisting of fine sandy loams and saporlites were identified in all test holes. All test holes had passing perc rates. Field data collected is shown on the Percolation Test Worksheets enclosed with this letter. Acceptable ranges for recommended inlet and trench bottom depth, and usable sidewall have been provided, and may be confirmed at the time of installation.

During an attempt to locate the existing trenches the pipe from the septic tank to the distribution was exposed. The distance to the proposed garage and existing trenches must be at least 20 feet. It was confirmed that the trenches are greater than the required distance given where the outlet pipe from the septic tank was located.

As discussed previously with Sara Sappington, since your existing septic system and easement is within 200 feet uphill of the neighboring well located at 14573 Mustang Path this well was tested for the presence of bacteria. Results of this test came back negative. Therefore, the Health Dept. will not require you to add a pretreatment unit for your septic tank.

Further review of this project is contingent upon submission of a Percolation Certification Plan. I have enclosed the plan requirements and some additional materials to assist you in preparing this plan. The Percolation Certification Plan must be approved prior to building permit approval

If you have any questions regarding this evaluation or requirements for the Percolation Certification Plan please do not hesitate to contact me at (410) 313-6287.

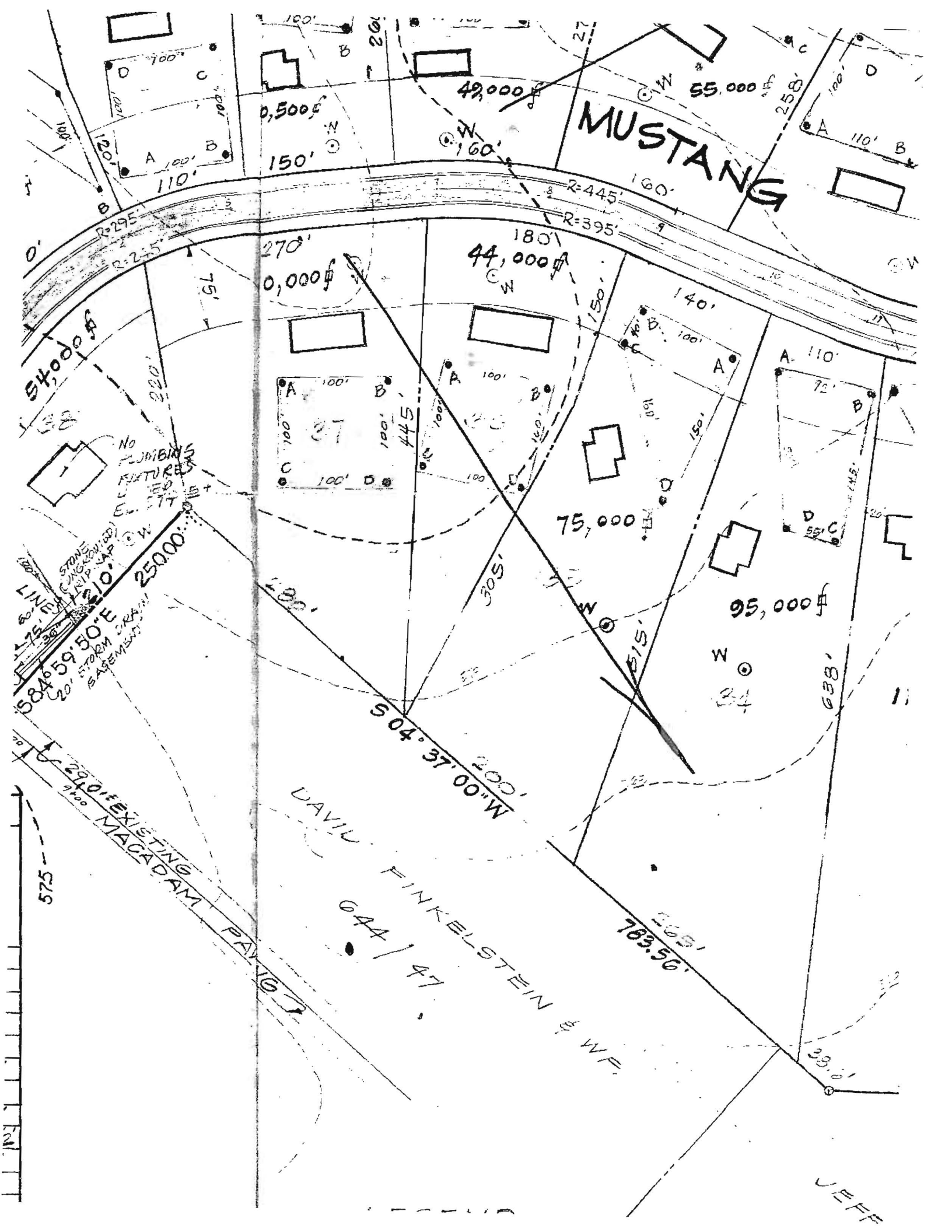
Sincerely,

Heidi Scott
Development Coordination Section
Well & Septic Program

Enclosures

Cc:

File



MUSTANG

0,500^{sq} ft

49,000^{sq} ft

55,000^{sq} ft

150'

160'

258'

110'

110'

270'

44,000^{sq} ft

180'

160'

75'

54,000^{sq} ft

140'

No PLUMBING FEATURES

37

44.5'

75,000^{sq} ft

110'

95,000^{sq} ft

STONE CONCRETE CURB CAP
LINE
584659.50' E
20' STRIP DRAM SAGEMSA

250,000^{sq} ft

504° 37' 00" W
200'

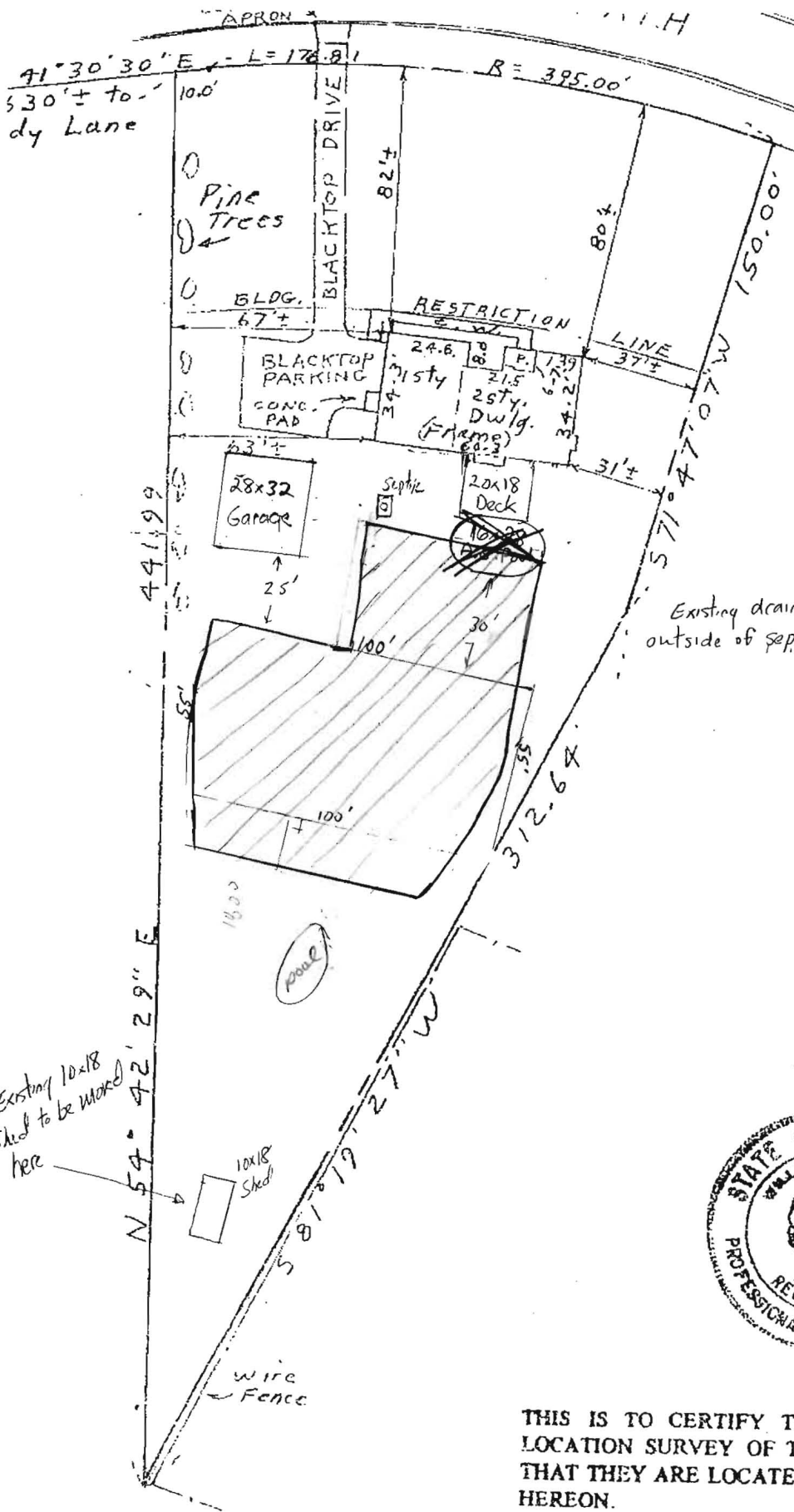
DAVID FINKELSTEIN & W.F.

644 | 47

569.5'
783.56'

JEFF

575



14565 Mustang Path
 Glenwood MD 21738
 Glenwood Estates
 Section 1
 Liber 1090 Folio 365
 Lot 36 Plat 3496
 District 4

David A. Bandel (owner)
 (410) 608-6271 cell.
 (410) 442-1893 H.
 13 May, 2009



THIS IS TO CERTIFY THAT WE HAVE MADE A
 LOCATION SURVEY OF THE IMPROVEMENTS, AND
 THAT THEY ARE LOCATED ON THE LOT AS SHOWN
 HEREON.

Signed This 23th day OCTOBER 1986

William E. Doyle

NOTE: This plat cannot be used to establish
 property lines or corners.

SCALE 50 ft. - 1 inch
 No. 47-1582

Prepared by: David A. Bandel (Owner)
 14565 Mustang Path
 Glenwood, MD 21738
 (410) 442-1893

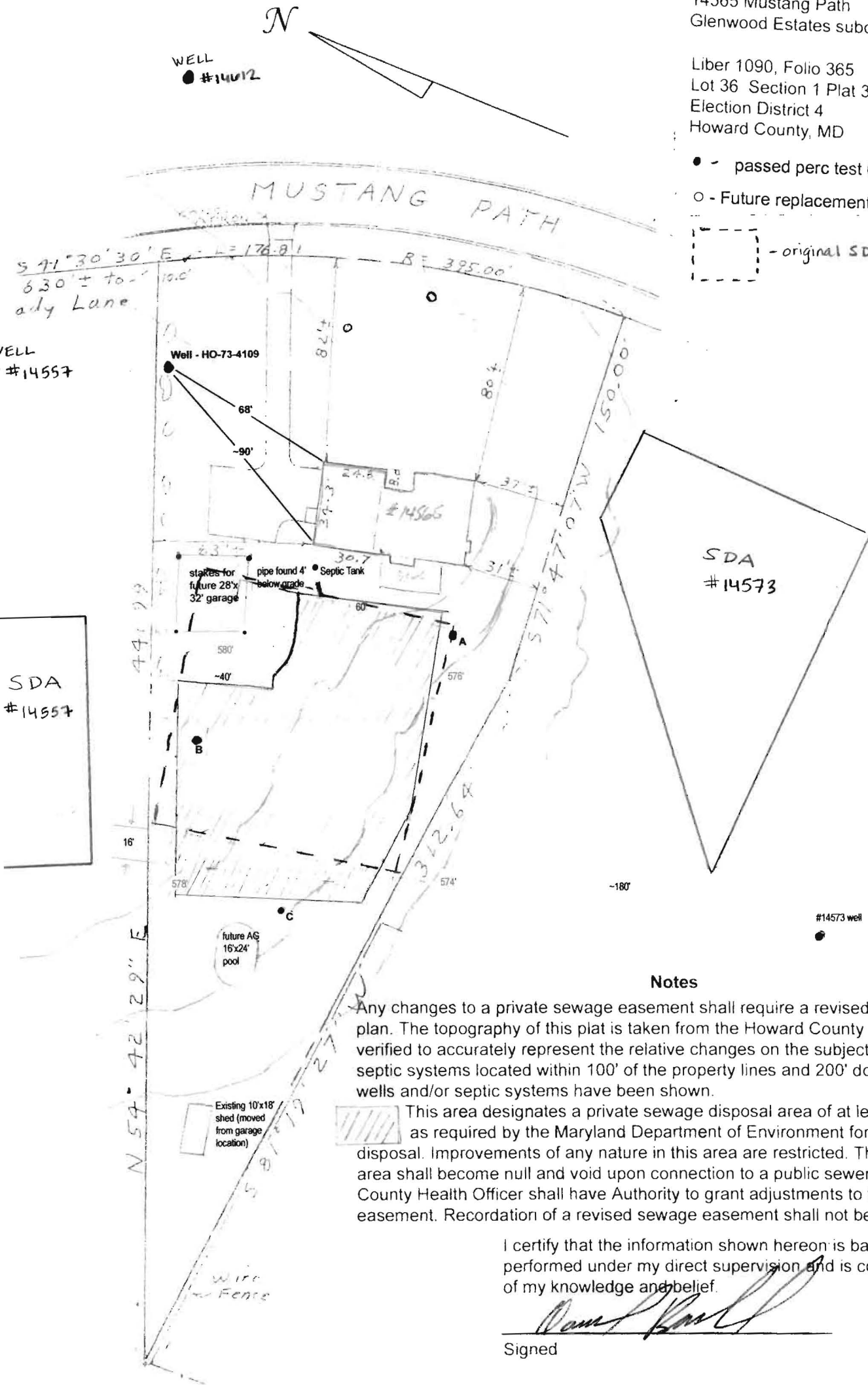
Percolation Certification Plan

Location Survey
 14565 Mustang Path
 Glenwood Estates subdivision

Liber 1090, Folio 365
 Lot 36 Section 1 Plat 3496
 Election District 4
 Howard County, MD

- - passed perc test 6-8-09
- - Future replacement well sites

⬜ - original SDA



Notes

Any changes to a private sewage easement shall require a revised percolation certification plan. The topography of this plat is taken from the Howard County GIS System and is verified to accurately represent the relative changes on the subject property. All wells and septic systems located within 100' of the property lines and 200' down gradient of any wells and/or septic systems have been shown.

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

I certify that the information shown hereon is based on field work performed under my direct supervision and is correct to the best of my knowledge and belief.

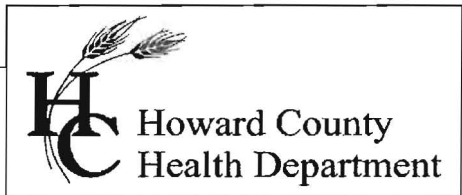
David A. Bandel
 Signed

10 July, 2009
 Date

ALE 50 ft. - 1 inch

e No. 47-1582

"Approved for Private Water and Private Sewer Systems"
B. W. Dwyer for Peter Beilensen
 Health Officer, Howard County Health Dept. *HS* 8/12/2009
 Date



Bureau of Environmental Health

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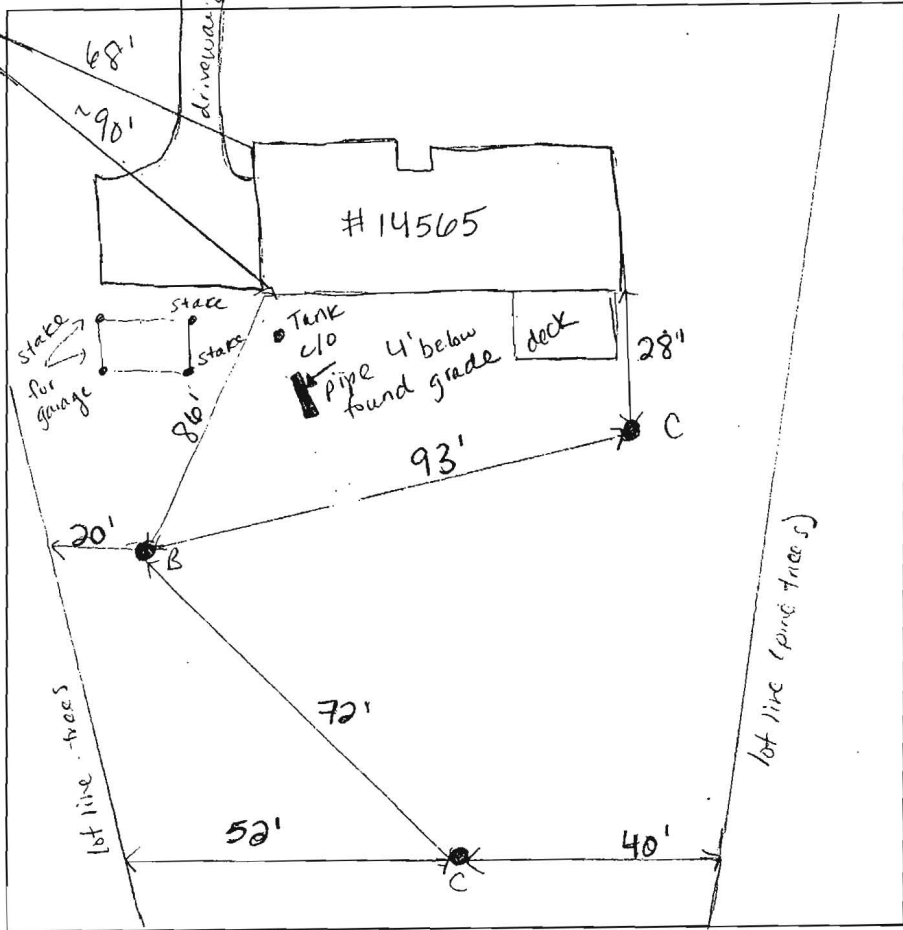
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File

Mustang Path

WELL HO-73-4109



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 TEST HOLES USED IN SDA 3 AVG. PERC TIME 22 SQ. FT/BR _____
 TRENCH WIDTH 2' INLET DEPTH 4 MAX. BOT DEPTH 8' EFFECTIVE SW 1-5'-2'

6" "C"
 brn & lmsbk
 3' org brn scl 2csbk
 5' red brn scl 1csbk dense
 8' red brn sl saprolite
 12' red brn fs & saprolite micaceous
 ↓

1' "B"
 brn & lmsbk
 4.9' red brn scl 2csbk
 7' red brn sl saprolite
 12.2' red/yellow brn fs & saprolite common mica
 ↓

8" "A"
 brn & lmsbk
 4' red/org brn scl 2msbk
 yellow & red brn scl
 ↓
 8' fs & saprolite (same as B+C)
 12'

