



APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____

AP 532480

AGENCY REVIEW: _____

DATE 12-14-09

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 UNKNOWN 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) MELISSA J. VAN HISE

DAYTIME PHONE _____ CELL _____ FAX _____

MAILING ADDRESS 13550 TRIADELPHIA MILL ROAD CLARKSVILLE, MD 21029
STREET CITY/TOWN STATE ZIP

APPLICANT BRUCE D. BURTON

DAYTIME PHONE 410.715.1070 CELL 410.274.6568 FAX 410.715.9540

MAILING ADDRESS 9250 BUMSEY ROAD #106 COLUMBIA, MD. 21045
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME THALER ESTATES LOT NO. 1

PROPERTY ADDRESS 13550 TRIADELPHIA MILL ROAD CLARKSVILLE, MD 21029
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 28 GRID 20 PARCEL(S) 64 PROPOSED LOT SIZE 1 ACRE

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.

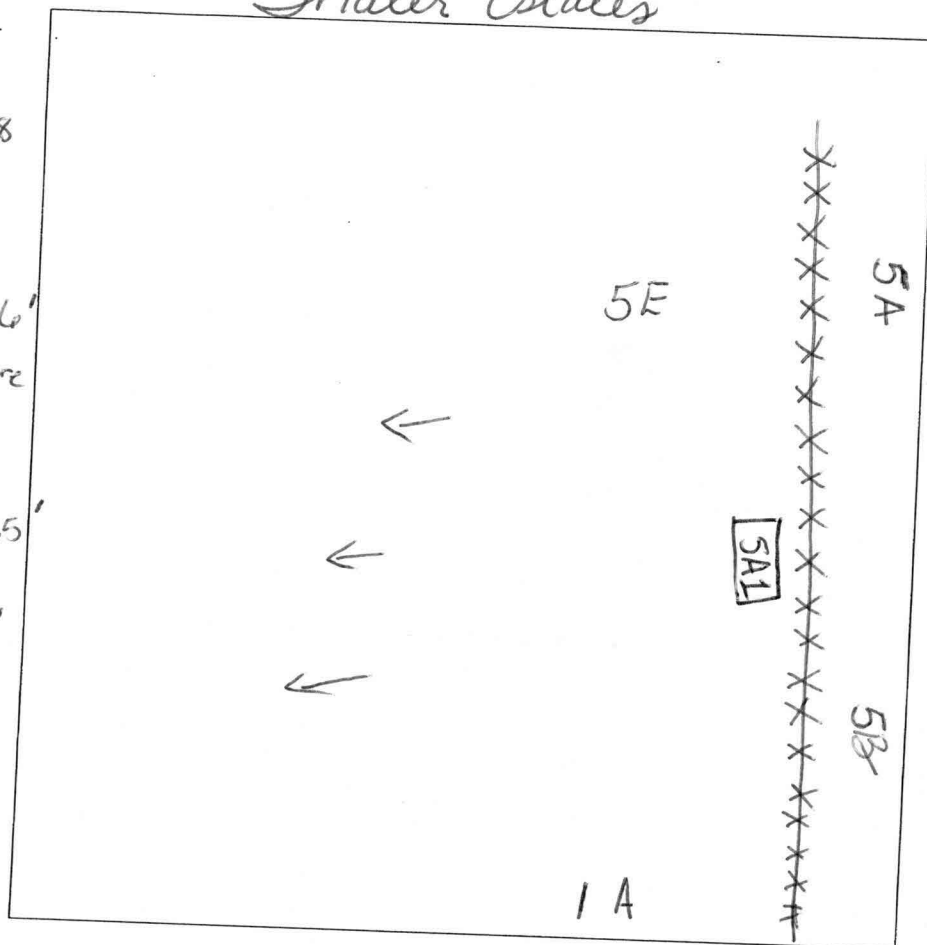
TEST RESULTS WILL BE MAILED TO APPLICANT.

BRUCE D. BURTON
SIGNATURE OF APPLICANT

HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM
1718 COLUMBIA GATEWAY DRIVE COLUMBIA, MARYLAND 21046 (410) 313-1771 FAX (410) 313-2648
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

Thaler Estates

5E
Brown Grey 25% 0.8
RD Brn
fine sh
Much mica
Rd Br Sh
moderate
platy structure
fine sh
↓
Rd Br Fsh 10.5
much mica
H₂O 13
Fe coatings



5A1
Brn grey 25% 0.5
Rd Br Sh
much mica
Rd Br Sh
fine sh
small stones
↓
Rd, Brn, yellow
fine sh
10-20% RY 12

4A
Brn Grey 25% 0.8
Rd Brn
sh (fine)
small stones
↓
Platy structure
Rd Br Sh
↓
Red Br Sh
much mica
10'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
12-16	5E	5/13	10:36	10:41	10:49	8 min	P
12-16	5D		See test 1C			→	P
12-16	1A	6/12	11:21	11:28	11:36	8 min	P
12-16	5A1	5/12	12:17	12:21	12:28	7 min	P
12-16	4A	5/10	1:05	1:07	1:09	2 min	P

1A
Brn Grey 25% 0.5
Rd Brn
Sh
much mica
↓
Heavy Sh
much mica
small stones
↓
Rd Brn yellow
fine sh
small RY
↓

REMARKS

SANITARIAN RB, DB, HS BACKHOE OTHERS Zach

TEST HOLES USED IN SDA

TRENCH WIDTH INLET DEPTH MAX. BOT DEPTH EFFECTIVE SW

AVG. PERC TIME SQ. FT/BR

13551

A/P

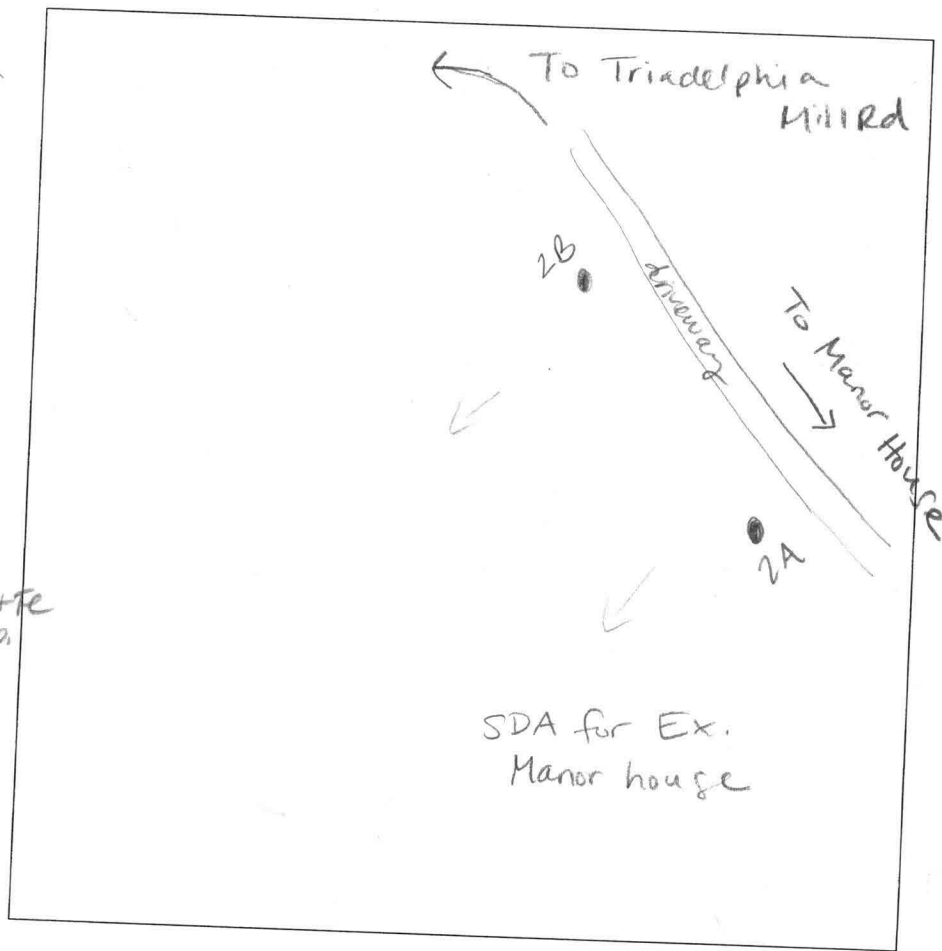
2A

8" brn l
reddish
brn scl
2msbk
few mica
4' brn sl
6' brn sl
saprolite
9' brn fl
20% quartz
11' dk brn es
saprolite
13' white dep.
moist

2B

6" brn l sbk
reddish
brn scl
common mica
2fsbk
4.5' reddish
brn sl
common mica
6' brn fl
micaceous
8' brn sl
30% quartz
saprolite
11' black es
1C

brn l
15% quartz
lg boulders
2' org brn
gl scl
3' reddish
brn sl
micaceous
saprolite
platy
mica schist
1' st fl
micaceous
12.5' bottom



5A

brn l
brn scl
1c sbk
brn sl
many mica
saprolite
brn fl
saprolite
platy mica
schist
saprolite
brn l

3A

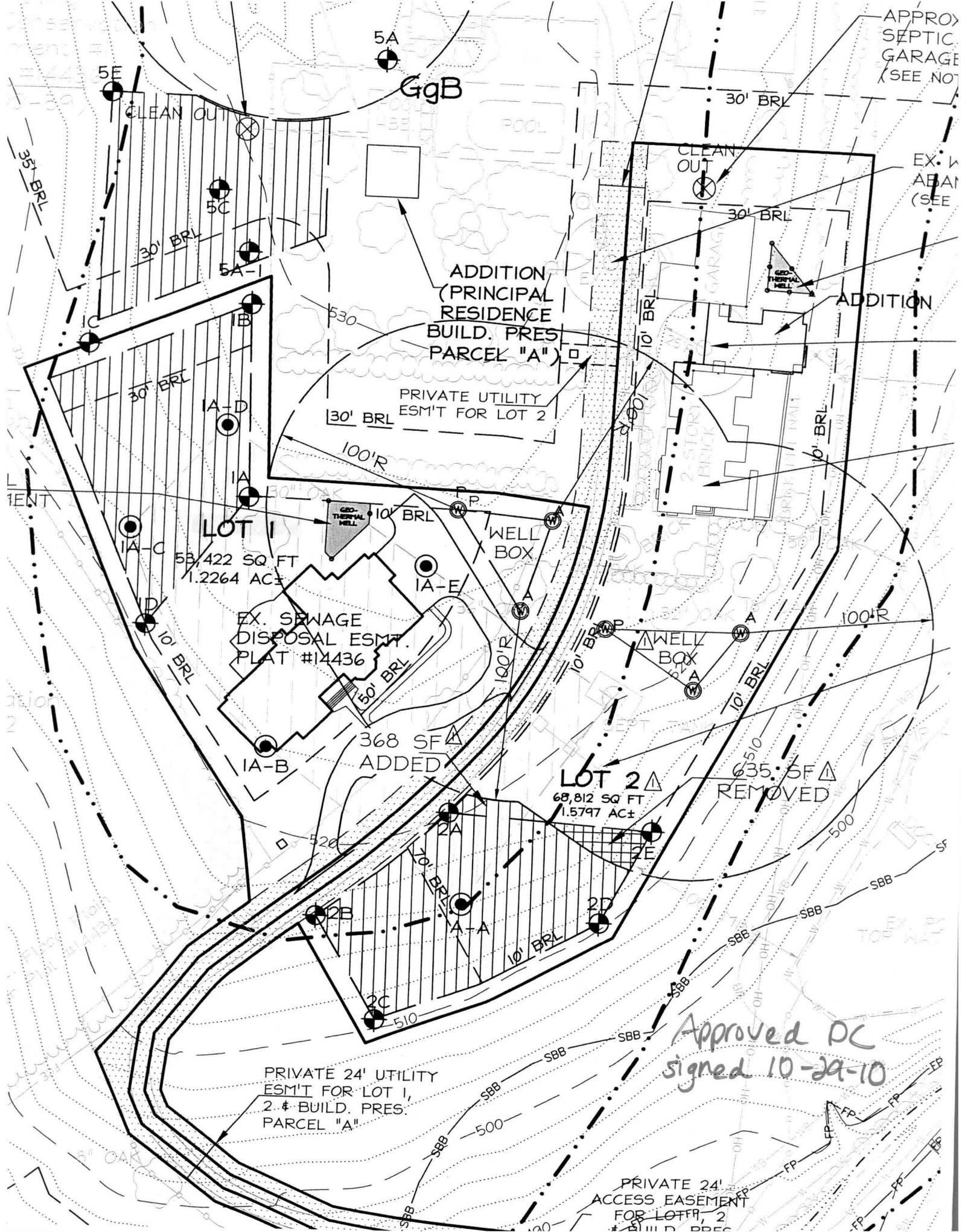
brn l
brn scl
brn sl
common mica
micaceous
brn fl
black es
platy mica
schist

3B 14B
dk brn l
brn
brn scl
15% chert
1msbk
brn
micaceous
sl
dk brn
micaceous
fl saprolite
(similar to 3A+4A)
platy mica
schist
8' bottom

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
12-16-09	2A	5.5' / 13'	10:07	10:10	10:14	4	P
	2B	5.6' / 13'	10:16	10:18	10:20	2	P
	1C	5' / 12.5'	10:52	10:57	11:01	4	P
	5A	5.5' / 12'	12:02	12:10	12:18	8	P
	3A	6' / 12'	12:45	12:46	12:48	2	P

REMARKS 3A & 3B/4B on separate lot
"1C" dug down 1C & 5D "5A" closest to pool house
SANITARIAN HS/DB/RB BACKHOE Chuck OTHERS Zac but not dug on
TEST HOLES USED IN SDA Bruce stake
TRENCH WIDTH _____ INLET DEPTH _____ AVG. PERC TIME _____ SQ. FT/BR
MAX. BOT DEPTH _____ EFFECTIVE SW _____

See other sheet for LOT 5 diagram (1C & 5A)



GgB

ADDITION
(PRINCIPAL
RESIDENCE
BUILD. PRES
PARCEL "A")

PRIVATE UTILITY
ESM'T FOR LOT 2

LOT 1

53,422 SQ FT
1.2264 AC±

EX. SEWAGE
DISPOSAL ESM'T
PLAT #14436

368 SFA
ADDED

LOT 2

68,812 SQ FT
1.5797 AC±

635 SFA
REMOVED

PRIVATE 24' UTILITY
ESM'T FOR LOT 1,
2 & BUILD. PRES.
PARCEL "A"

PRIVATE 24'
ACCESS EASEMENT
FOR LOT 1, 2
& BUILD. PRES.

Approved DC
signed 10-29-10