



Howard County
Health Department

APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____

AP 533272

AGENCY REVIEW: _____

DATE 6/3/10

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 _____ 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)

Building Permit # B1001282

PROPERTY OWNER(S) Phillip Coaker

DAYTIME PHONE 410 598-6302 CELL _____ FAX _____

MAILING ADDRESS 1121 River RD Sykesville MD
STREET CITY/TOWN STATE ZIP

APPLICANT Hoffeld's Equipment

DAYTIME PHONE 301 490 4298 CELL 410-984-0047 FAX 301 490 5794

MAILING ADDRESS PO Box 579 Annapolis Junction MD 20701
STREET CITY/TOWN STATE ZIP

APPLICANT'S ROLE: DEVELOPER Builder BUYER RELATIVE/FRIEND REALTOR CONSULTANT
Septic Contractor

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME _____ LOT NO. _____

PROPERTY ADDRESS 1121 River RD Sykesville MD
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) 313-1771 FAX (410) 313-2648
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

AP _____

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

REMARKS _____

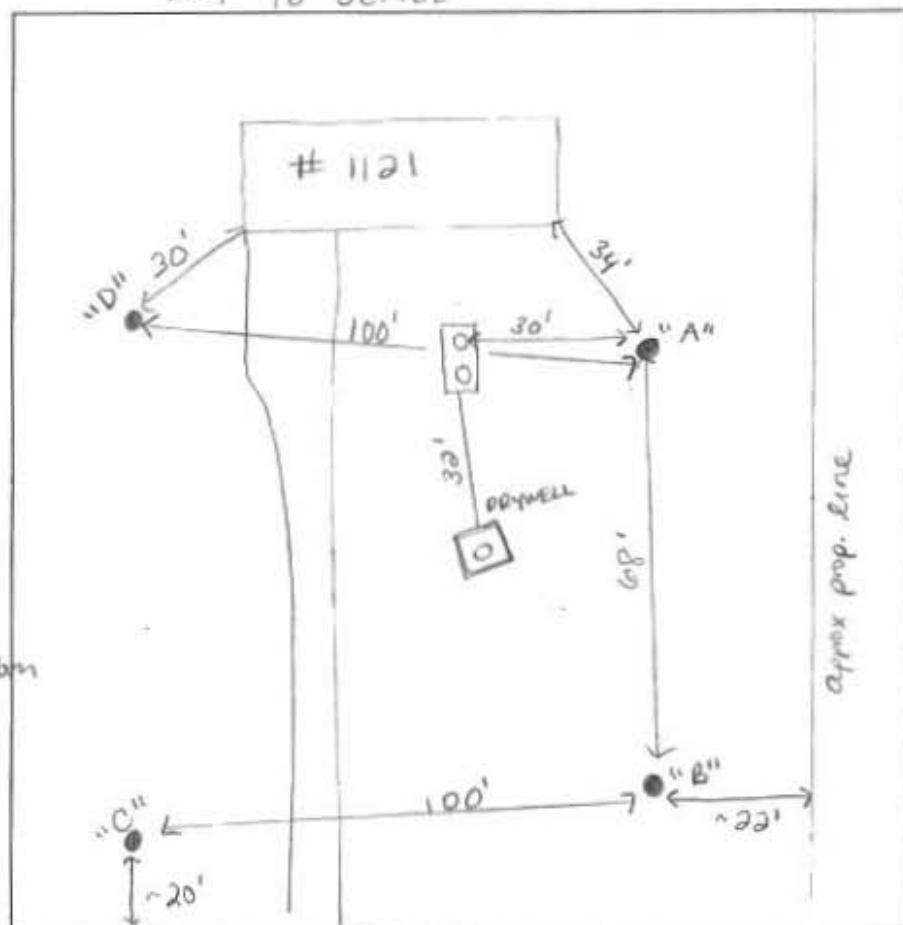
SANITARIAN _____ BACKHOE _____ OTHERS _____

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

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

AP 533275

NOT TO SCALE



[A]
10' not mass
brn grl
2' org brn
day gr scl
4' org red brn
fsl many
mica
red brn
sil
↓
micaceous
sil saprolite
9' 30% rx gr brn
sil 40% rx @
15' eastern

[B]
6" gray brn l
org gr
scl 2 msbk
3' org yellow
fsl saprolite
↓
5.5' org brn
micaceous
fsl
20% rx
10' org red brn
ch fsl
13.5'

[C]
1' gray day l
red brn
gr scl
2.5' red brn
sil saprolite
↓
6.5' yellow brn
micaceous
fsl saprolite
11' v fsl
13' saprolite

[D]
gray day
gr l 1'
org/red
brn day
scl msbk 3.5'
red brn
fsl
saprolite 7'
red brn
sil
saprolite 40'
red brn
ch sil 13.5'

RIVER RD

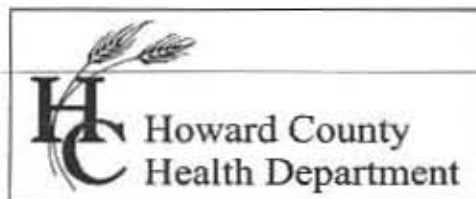
DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
6-28-10	A	6' / 15'	9:27	9:30	9:34	4	P
	B	6.5' / 13.5'	9:41	9:43	9:45	2	P
	C	6.5' / 13'	9:54	9:56	9:59	3	P
	D	6' / 13.5'	10:04	10:06	10:08	2	P

REMARKS holes very consistent

SANITARIAN HS BACKHOE Danny OTHERS Pedro

TEST HOLES USED IN SDA 4 AVG. PERC TIME 2 min SQ. FT/BR

TRENCH WIDTH 2 INLET DEPTH 3 MAX. BOT DEPTH 8 EFFECTIVE SW 2-3'



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

June 30th, 2010

Phil Coomber
1121 River Rd
Sykesville, MD 21784

Re: PERCOLATION TEST RESULTS
1121 River Rd
#A533275

Dear Mr. Coomber,

Percolation testing was conducted at the above referenced property on June 28th, 2010. Test results indicate satisfactory soil conditions for onsite wastewater disposal. There is adequate septic reserve area to support the existing house with the proposed addition. The existing well meets current construction code and the septic tank capacity is sufficient for the proposed increase in living space. Further upgrade to your septic system will not be necessary at this time.

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 an installation.

Further review of this project is contingent upon submission of a Percolation Certification Plan. Following approval of the plan your building permit will be approved. I have enclosed the requirements and some additional materials to assist you. The drawing submitted with your building permit will be suitable to use for preparing the Percolation Certification Plan.

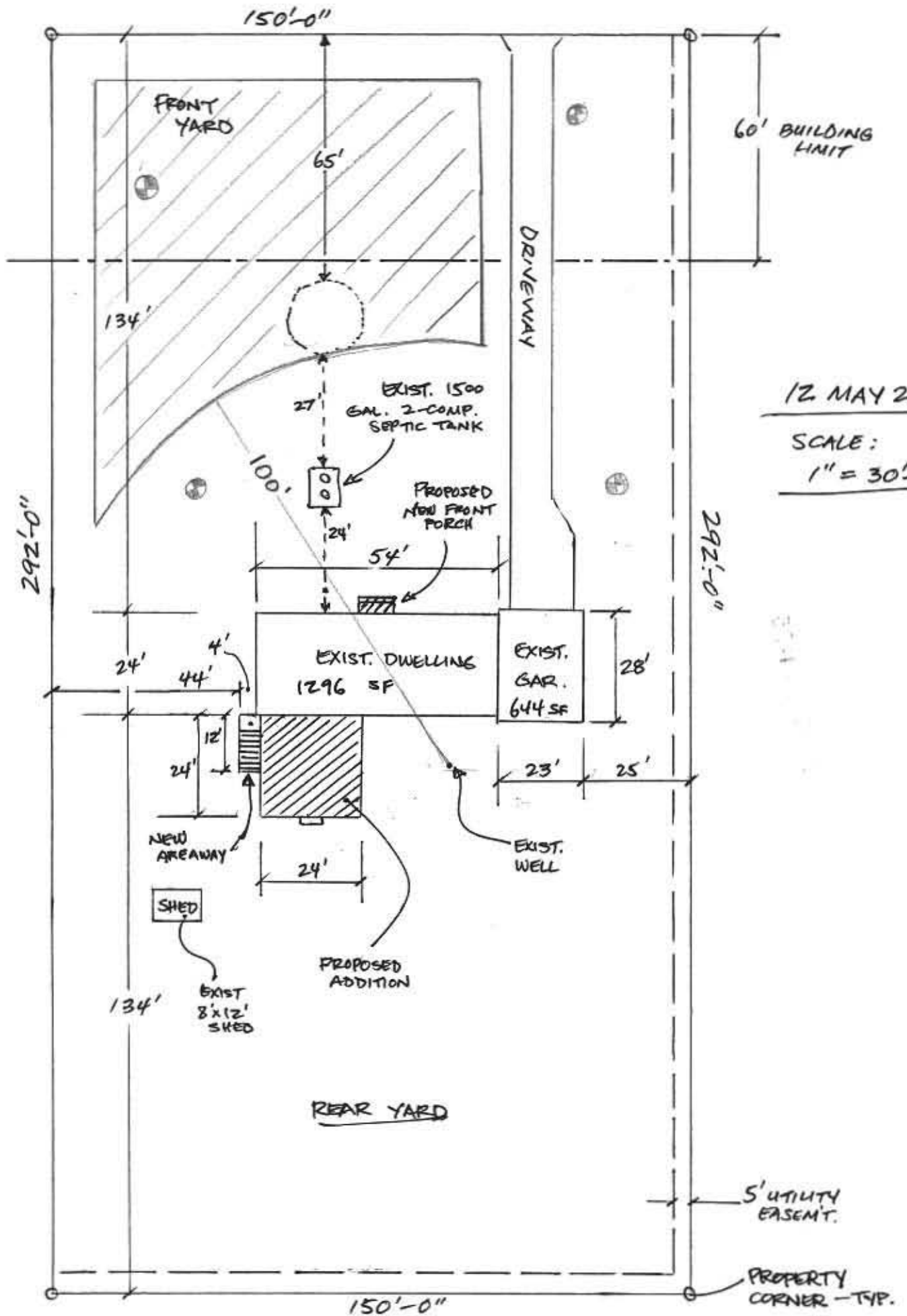
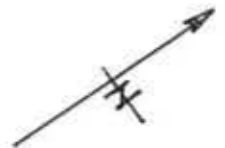
If you have any further questions or would like to set up an appointment regarding this evaluation or requirements for the Percolation Certification Plan, please contact me at (410) 313-6287.

Sincerely,

Heidi Scott, R.S.
Well & Septic Program
Development Coordination Section

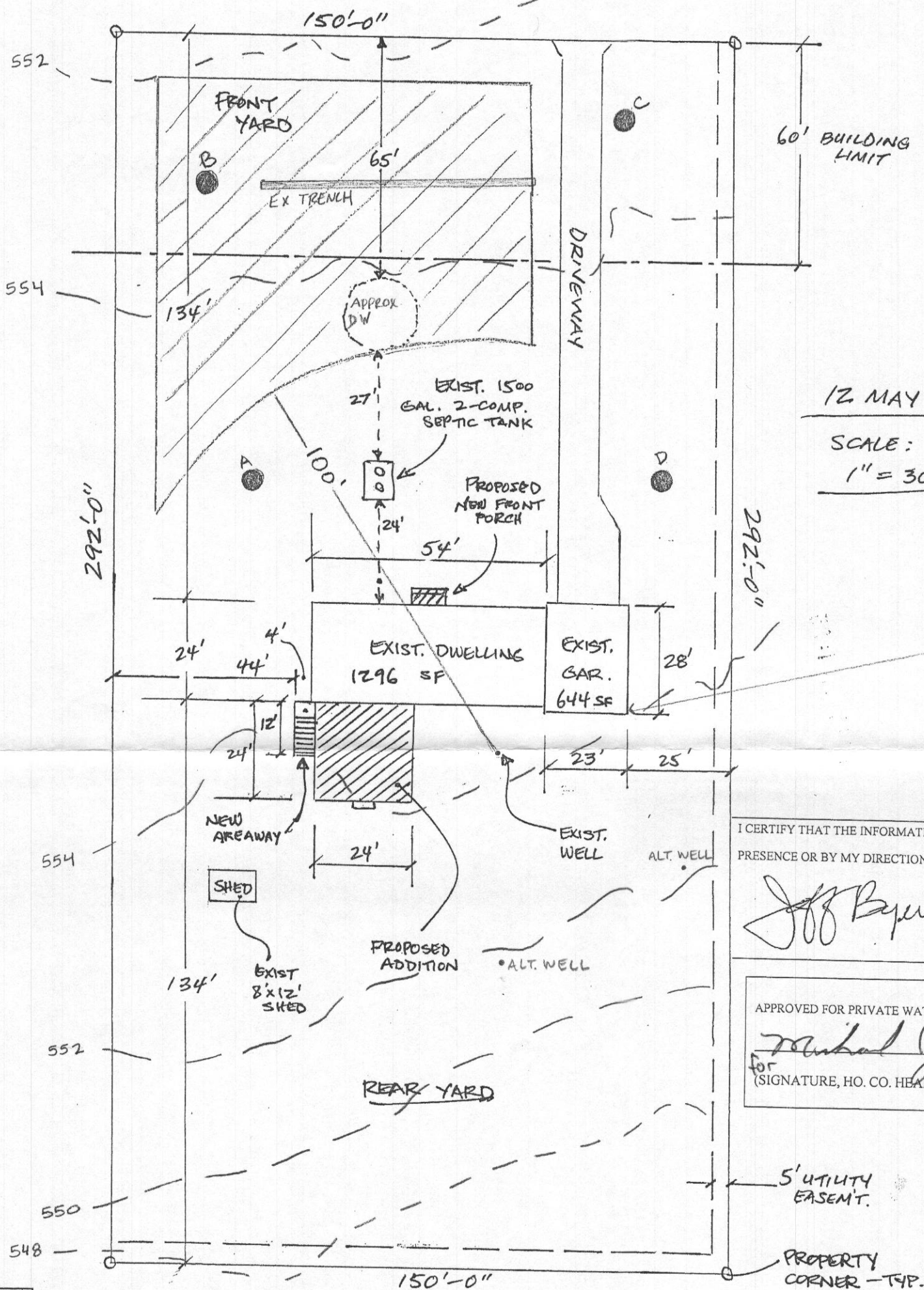
Cc:
File

LOT # 5 S1 - RIVER PARK ESTATES
1121 RIVER RD. BYKESVILLE, MD.
1.00 AC



LOT # 5 S1 - RIVER PARK ESTATES
1121 RIVER RD. BYKESVILLE, MD.
1.00 AC

BS-111NA S-1A 005



12 MAY 2010

SCALE:
1" = 30'-0"

I CERTIFY THAT THE INFORMATION SHOWN HEREON IS BASED ON WORK PERFORMED IN MY PRESENCE OR BY MY DIRECTION AND IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF

Jeff Byrley 8/2/10

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS.

Michael J. Davis 8/9/10
for (SIGNATURE, HO. CO. HEALTH OFFICER) (DATE)

5' UTILITY EASEMENT
PROPERTY CORNER - TYP.

PASSED PERC
6-2010

THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT AS REQUIRED BY THE MARYLAND DEPARTMENT OF ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS EASEMENT ARE RESTRICTED. THIS EASEMENT 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.

ANY CHANGES TO A PRIVATE SEWAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.

THE TOPOGRAPHY OF THIS PLAT IS FROM HOWARD COUNTY GIS DATA

ALL WELLS WITHIN 100' OF THE PROPERTY'S BOUNDARIES AND 200' DOWNGRADEMENT OF ANY WELLS OR SEPTIC SYSTEMS HAVE BEEN SHOWN

SOILS INFORMATION TAKEN FROM HOWARD COUNTY DATA BASED ON THE 2003 HOWARD COUNTY SOIL SURVEY WITHIN THE PROPERTY INCLUDE: GGB

THIS PLAN IS IN SUPPORT OF A BUILDING PERMIT FOR A 2 STORY ADDITION AS SHOWN ON THIS THERE WILL BE NO ADDITIONAL BEDROOMS IN THE COMPLETED STRUCTURE.