

APPLICATION

PERCOLATION TESTING

A 517904

F _____

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

DISTRICT _____

DATE 9/5/02

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.

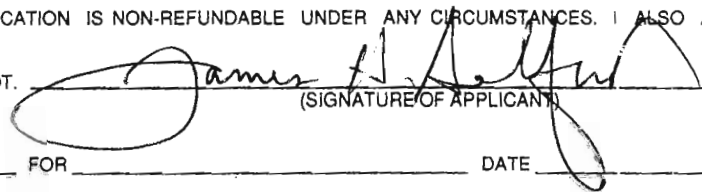
PROPERTY OWNER DORSEY MILL L.L.C.
ADDRESS 14045 GARET DRIVE PHONE: 410-531-8950
GLENWOOD, MD 21738 PHONE FAX: 410-531-8959

AGENT OR PROSPECTIVE BUYER _____
ADDRESS _____ PHONE _____

PROPERTY LOCATION:
SUBDIVISION DORSEY MILL ROAD LOT NO. _____
ROAD AND DESCRIPTION 14445 DORSEY MILL RD, GLENWOOD, MD 21737

TAX MAP 21 PARCEL # 227
SIZE OF LOT 53.87 AC. TYPE BLDG. SINGLE FAMILY DWELLING
(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.


(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

517904

NOT TO SCALE

COUNTY #

SOIL PROFILE

3531A

0'
org-brn silt lm

2'
org-brn silty clay lm

5'
tan-org brn powdery fine sandy lm
No obvious redox features
15'

3533A

SEE

3531A

no obvious signs of redox features
15'

3532A

SEE

3531A except

HIGH % Rock >50%
HARD 12'

SOIL PROFILE

0'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
12/9/02	3531A	15'V	(VISUAL	OK	SEE SOIL PRF)	NA	OK	OK
	3533A	15'V	("	"	" " "	NA	OK	OK
	3532A	12'V	(HIGH	% OF	ROCK FRAGS)	NA	FAILS	FAILS

REMARKS Site Data, previous MW data & landscape position, indicate treatment zone OK w/resp to water table -SRK/RSP-12/20/02.

TYPE OF SOIL Manor

TESTED BY SRK Donnie Simpson = Backhoe ALSO PRESENT Bob Sheesley 12/9/02
Jim Selfridge

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 2-7min TRENCH WIDTH 3

INLET DEPTH 3 MAXIMUM BOTTOM DEPTH 5 SQ. FT./BEDROOM 180

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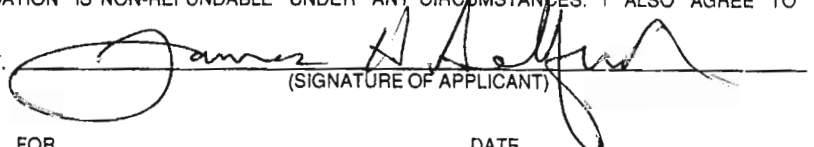
PROPERTY OWNER DORSEY MILL L.L.C.
ADDRESS 14045 GARET DRIVE PHONE 410-531-8950
GLENWOOD, MD 21738 FAX 410-531-4939

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THIS IS NOT A PERMIT

517904

NOT TO SCALE

COUNTY #

SOIL PROFILE

3534

dark-brn heavy/dense clay 1m to 1m

heavily mottled w/ redox features (gray/org) throughout profile sandy 1m

WATER

3535

brn 1m to hvv clay 1m

brn sandy 1m

red-rusty orange mottles redox - 14'

3536

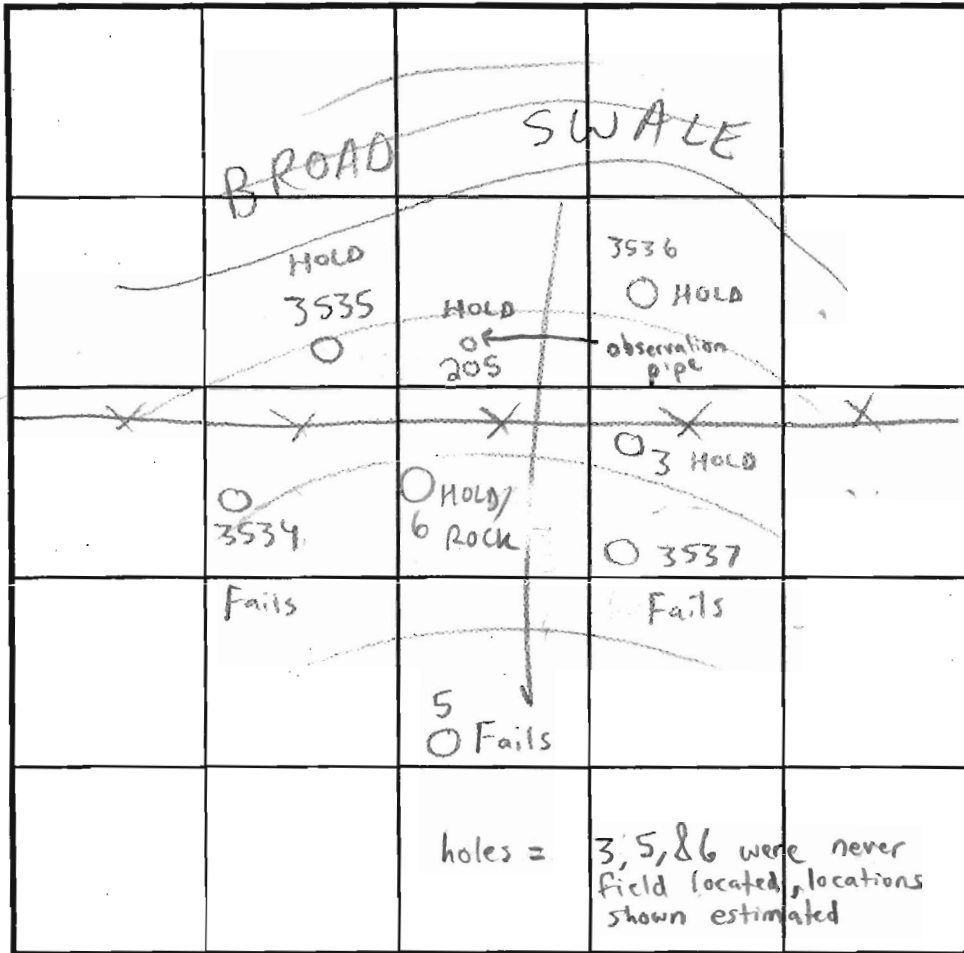
brn silt 1m

tan silty clay 1m

tan-brn powdery fine sandy 1m

faint redox?

13'



SOIL PROFILE

3537

SEE

3534

WATER

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
12/3/02	3534 ⁺	14'V	(INSUFFICIENT DEPTH TO WATER TABLE)		GIVEN DEEP HVV CLAY LAYER, ALSO POOR LANDSCAPE POS)		NA	Fails
	3535 ⁺	6' T / 14' V	2:17 pm	2:40 pm	peg pulled at 2:40 pm		NA	HOLD ⁺ TRUE WET SEASON
	3536 ⁺	5'7" / 13' V	2:42 pm	2:47 pm	2:47 pm	2:49 pm	2 min	HOLD ⁺
	3537 ⁺	13' V	(SEE 3534 ABOVE)				NA	Fails
10/28/98	205 ⁺	4' T / 18'6" V	(PREVIOUSLY EVAL. BY RJP)				14 min	HOLD ⁺
3/16/98	6	12' V	"	"	"	"	NA	HOLD ⁺
	3	12'6" V	"	"	"	"	NA	HOLD ⁻
	5	7' V	"	"	"	"	NA	Fails

REMARKS ⁺ Holes not eval. in wet season, Poor landscape position

TYPE OF SOIL Manor (Any SDA on this Lot needs wet season evaluation)

TESTED BY SRK Donnie Simpson = Backhoe ALSO PRESENT Jim Seltridge - 12/3/02 Bob Sheesley - 12/3/02 (Hattfields)

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____

517904
COUNTY #

NOT TO SCALE

SOIL PROFILE
3530

0' org-brn silty clay lm
4' tan-brn powdery sandy lm (fine) no obvious signs of redox features
14'6"

3531

2' org-brn silt lm 20% Rock
4' org-brn sandy clay lm
tan-brn/ org powdery fine sandy lm no obvious signs of redox features
14'6"

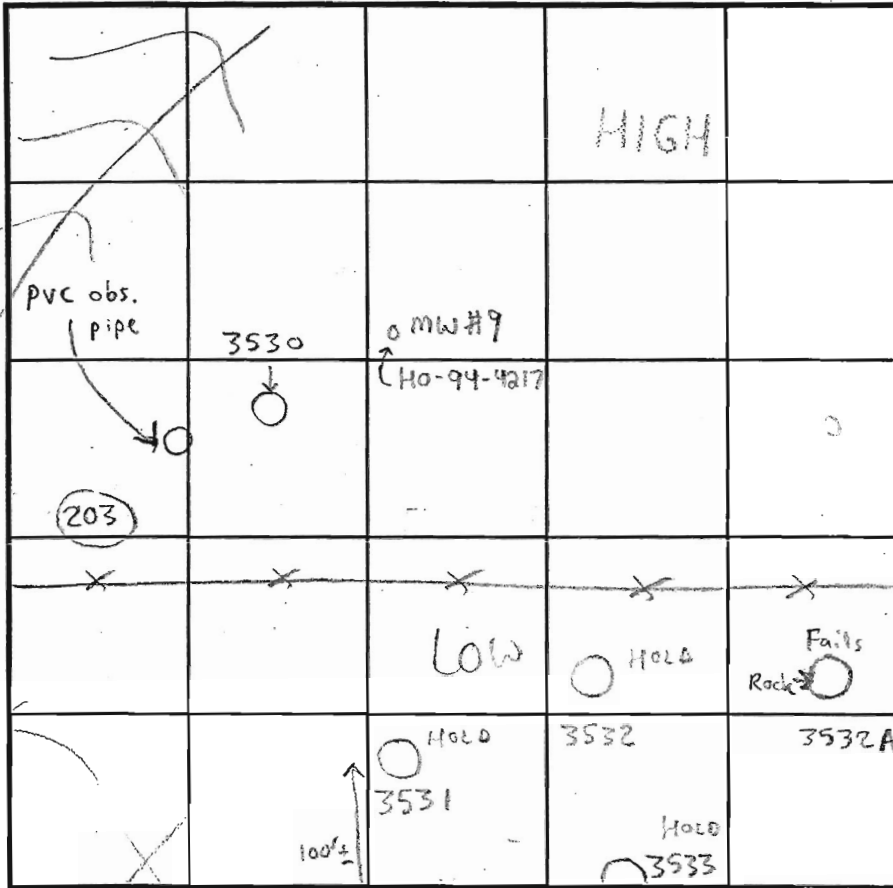
3532

2' brn silt lm
4' org-brn sandy clay lm
tan-brn powdery fine sandy lm

faint grey mottles in parent material depth unknown
15'

SOIL PROFILE
3533

0' brown silt lm
2' org-brn silty clay lm
4' tan-brn powdery sandy lm (fine) no obvious signs of redox features
14'8"



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
12/3/02	3530	5' T / 14'6" V	11:56 am	12:06 pm	12:06 pm	12:10 pm	4 min	OK
	3531	6' T / 14'6" V	10:31 am	10:37 am	10:37 am	10:41 am	4 min	OK
		(WILL PROBABLY PERC HIGHER)						
	3532	5'9" T / 15' V	10:44 am	11:00 am	11:00 am	11:13 am	13 min	OK
	3533	5' T / 14'8" V	11:24 am	11:30 am	11:30 am	11:40 am	10 min	OK
10/28/98	203	4' T / 18' V	(PREVIOUSLY EVAL. BY RON)				8 min	HOLD/RE-EVAL. (GKSRK)
			PINKLE Y - Potential					

REMARKS Site Data, previous Monitoring Well Data, & landscape position, indicate treatment zone
TYPE OF SOIL Manor + could be lithochromatic
TESTED BY SRK Donnie Simpson = Backhoe ALSO PRESENT Bob Sheelsby - 12/3/02 RIP (Hatfields) Jim Selfridge - 12/3/02
TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 2-7 min TRENCH WIDTH 3' 12/20/02
INLET DEPTH 3 MAXIMUM BOTTOM DEPTH 5 SQ. FT./BEDROOM 180
SHALLOW SYSTEM ONLY!

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James H. Helford
(SIGNATURE OF APPLICANT)

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THIS IS NOT A PERMIT



Bureau of Environmental Health
7178 Columbia Gateway Drive, Columbia, MD 21046-2147
(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

1/21/2011

TO: Joey Ecker
Fisher, Collins & Carter, Inc.

FROM: Robert Bricker, R.S.
Environmental Sanitarian Supervisor
Well and Septic Program

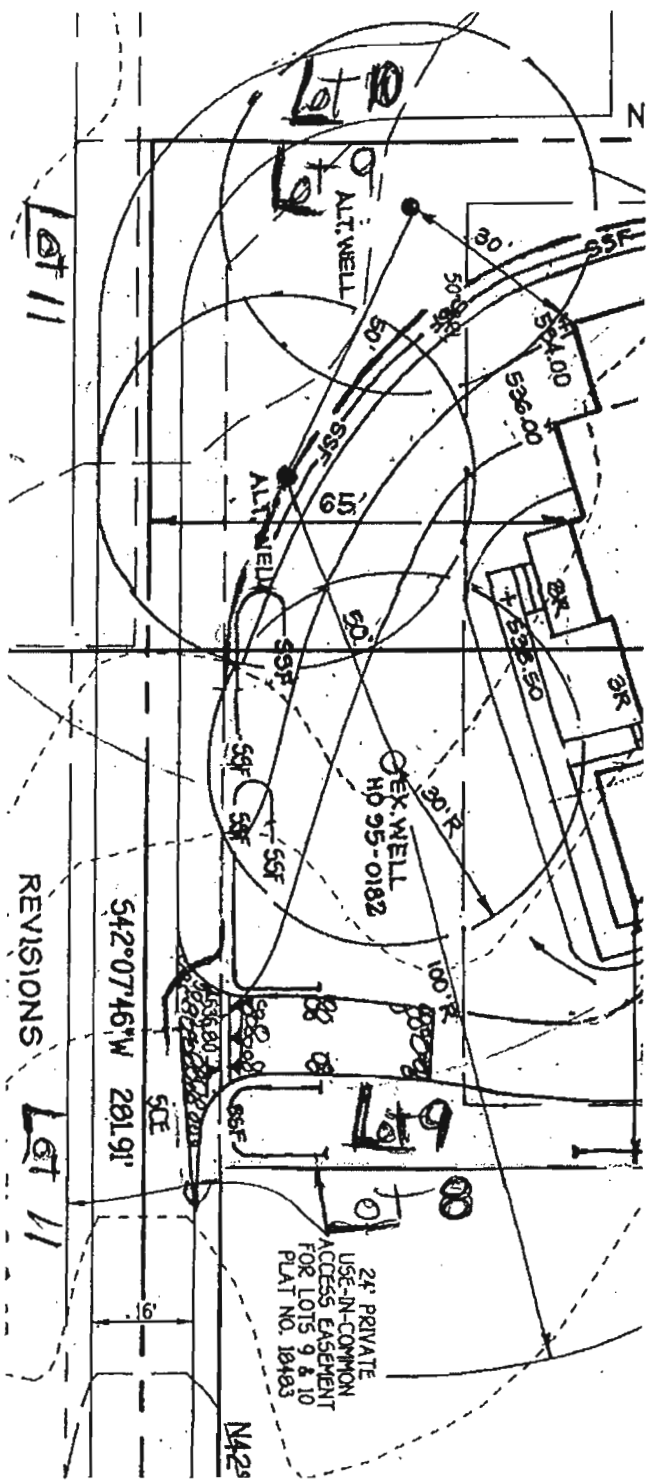
RE: REVISED Plot Plan for 3927 Clarks Meadow Drive (Lot 11); Building Permit
Application B10003995

The revised Plot Plan submitted for *3927 Clarks Meadow Drive* (Clarks Meadow, Lot 11) still cannot be approved.

1. The wellbox on the subject property is still not 15 feet from the front boundary. The labeled distance is not correct.
The well box must be the same dimensions and in the same location as presented on the signed Percolation Certification Plan. (See attached graphic)
2. The three discrete well locations shown on Lot 10 are inappropriate. By appearance of their configuration and the well tag number, they are the well locations for Lot 9.
3. On Lot 9, there is no wellbox. As a result of a Perc Cert revision (4/1/2008), there are three discrete well locations on Lot 9. These three locations must be shown with the respective 100-foot radii.
4. The representation of the wellbox on Lot 10 is accurate; the well box is ~17.6' X 85', and is 10' from the side line, 10' from the front line and 30' from the lot boundary with Lot 9. Show the 'certified' location of the existing well on Lot 10 as it was depicted on the Plot Plan for that property.

You may contact me at the Bureau of Environmental Health, 410-313-2691 if you have questions about these contents.

RB
Copy: Carl Cunzeman, Douglas Homes, Inc.
file



Lot 9
Well locations
Percepcion
Percepcion
Percepcion

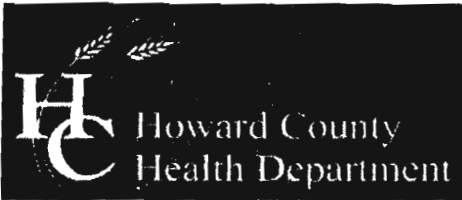
REVISIONS

S42°07'46"W 281.91'

Lot 11

24' PRIVATE
USE-IN-COMMON
ACCESS EASEMENT
FOR LOTS 9 & 10
PLAT NO. 18483

N42°



Bureau of Environmental Health
7178 Columbia Gateway Drive, Columbia, MD 21046-2147
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Peter L. Beilenson, M.D., M.P.H., Health Officer

1/19/2011

TO: Joey Ecker
Fisher, Collins & Carter, Inc.

FROM: Robert Bricker, R.S.
Environmental Sanitarian Supervisor
Well and Septic Program

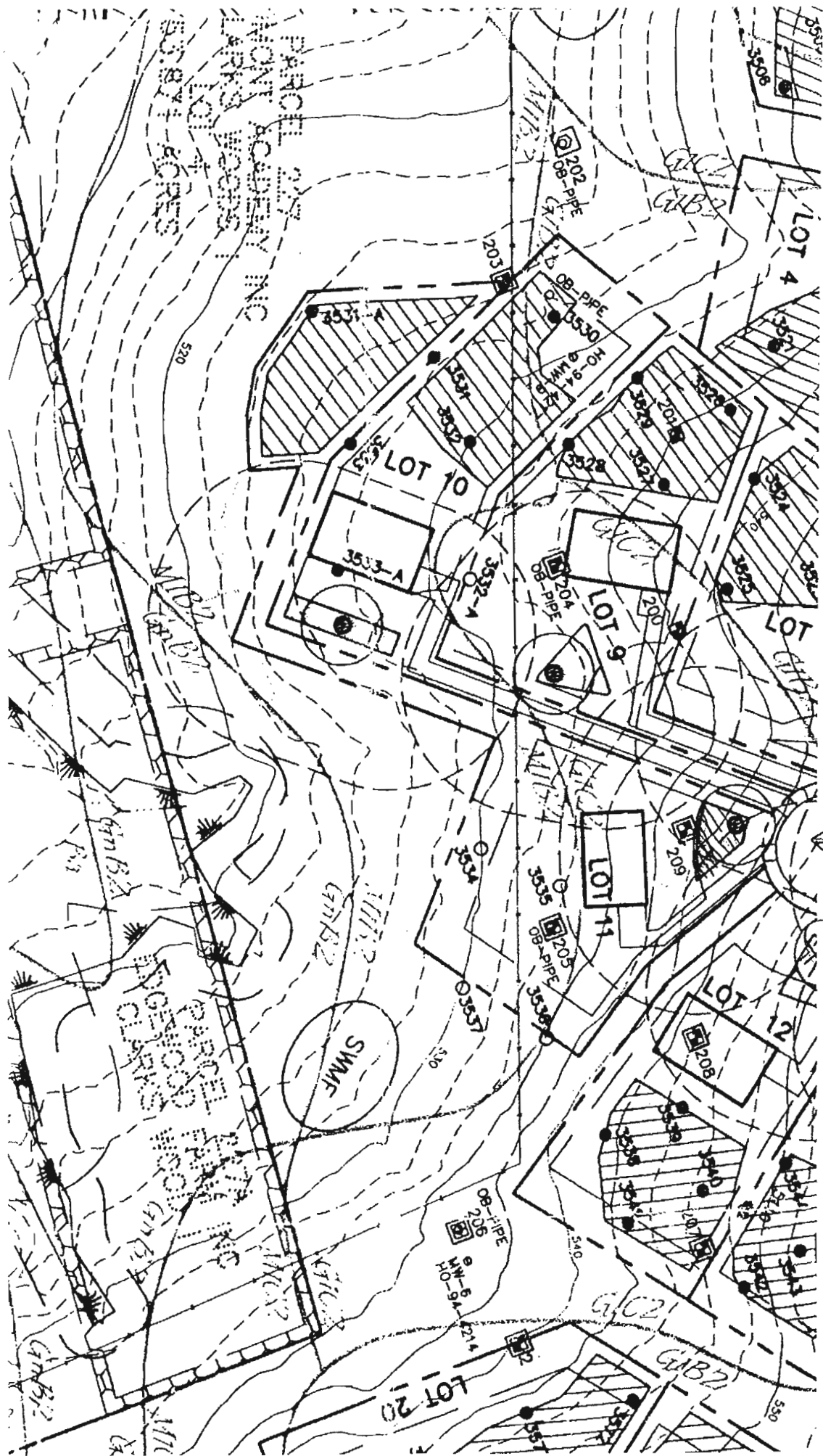
RE: REVISED Plot Plan for 3927 Clarks Meadow Drive (Lot 11); Building Permit
Application B10003993

The revised Plot Plan submitted for *3927 Clarks Meadow Drive* (Clarks Meadow, Lot 11) cannot be approved at this time. See Items 1 and 2 below. Also Items 3, 4 and 5 remain.

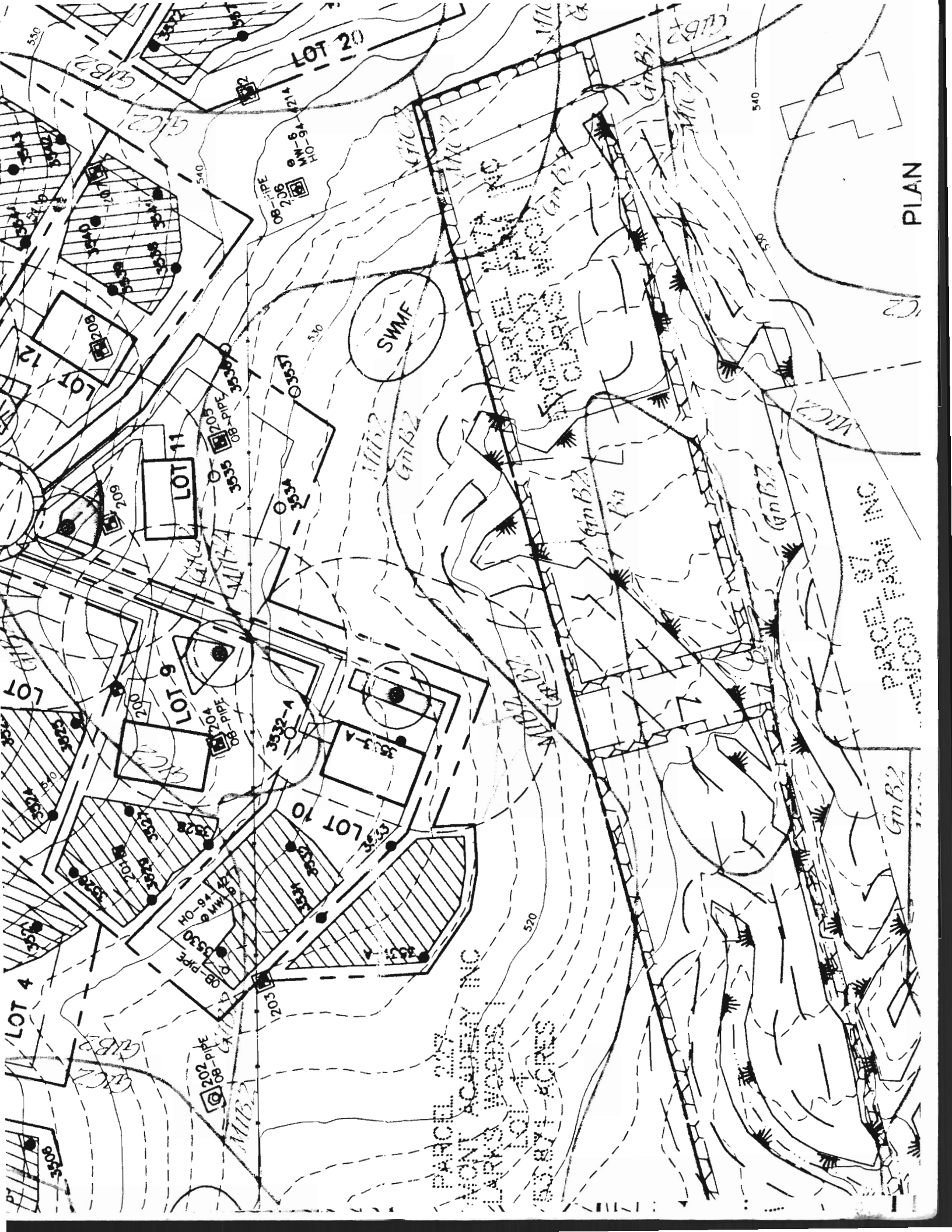
1. The wellbox on the subject property is presented with the proper dimensions, however it does not meet the required 15-foot setback from the public right-of-way (i.e. must be 15 feet from the cul-de-sac boundary). The well box must be placed as presented on the signed Percolation Certification Plan.
2. As the proposed residence must be at least 30 feet from the wellbox, the location of the proposed residence will have to be further from the front of the lot.
3. The septic tank and pump tank shown to service the proposed residence on Lot 11 are both within 100 feet of the well on Lot 9. **THE WELL AND WELLBOX ON LOT 9 MUST BE SHOWN ON THE PLOT PLAN FOR LOT 11, and include the 100-foot elliptical radius.**
4. Also on the Plot Plan for Lot 11, show the well and wellbox locations for Lot 10 along with the 100-foot elliptical radius.
5. The Sewer Out location for the proposed residence (3927 Clarks Meadow Drive) must be redesigned as the tanks will be relocated to the south side of the residence.

You may contact me at the Bureau of Environmental Health, 410-313-2691 if you have questions about these contents.

RB
Copy: Carl Cunzeman, Douglas Homes, Inc.
.jlc



Lot 11 Bellport
 Clark's Meadow Subdivision Parcels



PLAN

