

LOT 25
43374

22

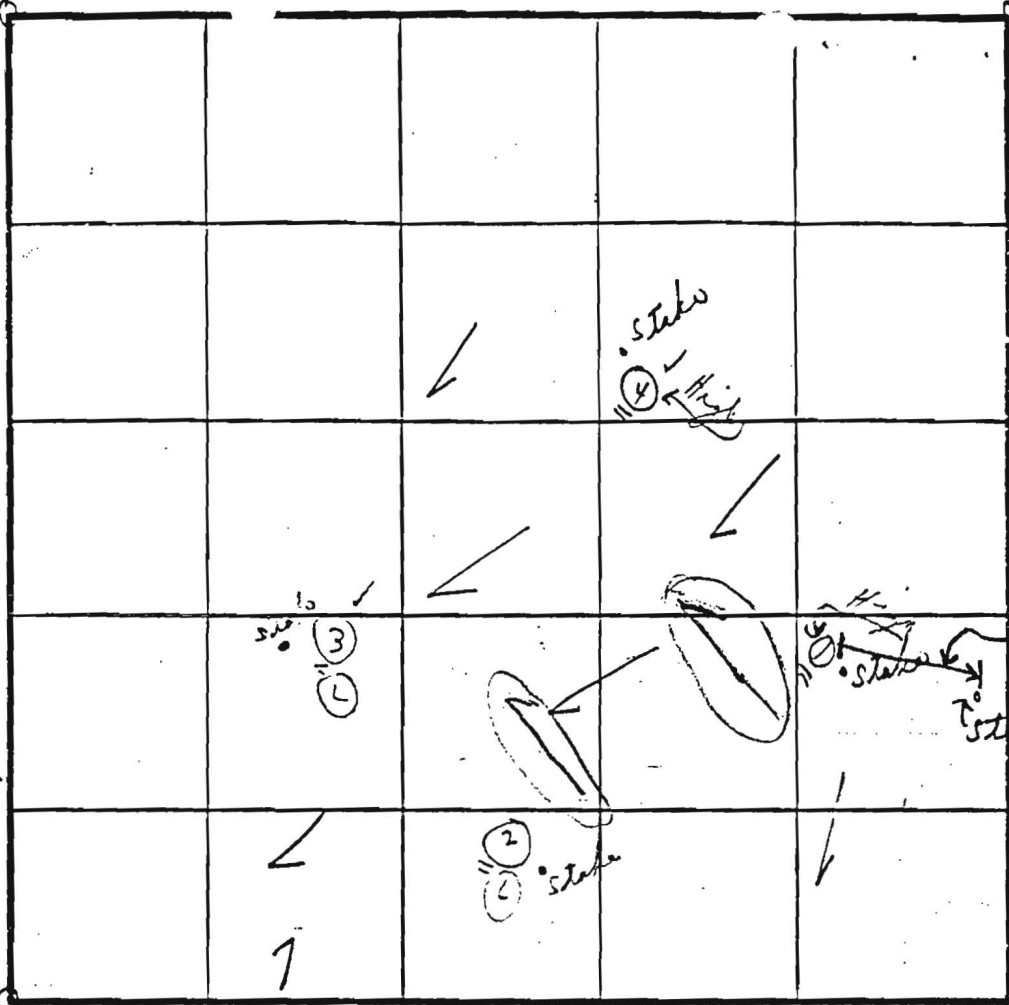
SOIL PROFILE

0' to 3 1/2'

4 1/2' to 12' (4)

Sandy
Loam

SHALLOW ONLY
F = 9 min
Inlet = 4.5 ft
Bottom = 6.5 ft
210 sq ft / bdr



SOIL PROFILE

0' to 4'
Clay

(3)
Light
+ heavy
loam

12 1/2'

32'
stake
on
line

Under 4' (see
below)
20 min at
average

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

HARDY ROAD

SOIL PROFILE

0' to 6 1/2' (1)
12 1/2' SOLID
2' to
Loam
12'
to
12 1/2'
solid

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
1/30/89	H (1A)	4 1/2'	2:33	3:01	1/8" or less	See below	XX
	L (2)	9'	2:32	2:33	2:33	2:36	3 min
	L (2)	4 1/2'	2:37	2:48	2:48	3:08	20 min
	L (3)	11'		Loam	15% ±	small weathered material	
	L (3)	4'	2:39	2:40	2:40	2:43	3 min
	H (4)	12 1/2'					
	H (4)	4 1/2'					
		12'			4 1/2' to 12'	Loam/vernal	
	(1B)	7'	3:06	3:09	3:09	3:20	11 min

SOIL PROFILE

0' to 4'
Clay
(2) 4 1/2'
11'
Loam
85%

EH-12-1079
REMARKS: Recommend 3' wide trenches
Effective area 7' to 9'
TYPE OF SOIL: Light loam in all holes below clay
TESTED BY: C.B.N.
{ Jeff Bellhorn }
Fernandez - Enclosure

LETTER OF TRANSMITTAL

AGENCY CLIENT FILE ACCT. CORR. OTHER

VanMar Associates, Inc.

Engineers ~ Surveyors ~ Planners
310 South Main Street, P.O.Box 328, Mt. Airy, MD 21771
301-829-2890 301-831-5015 301-695-0600
410-549-2751 (FAX) 301-831-5603

TO: Howard County Department of
Environmental Health
8930 Stanford Boulevard
Columbia, Maryland 21045

Attn: Sarah Collins, L.E.H.S.

DATE: 4/27/17

PROJECT: Woodcamp Farms, Lot 25

VMA#: 675621

COUNTY#:

ENCLOSED:

COPIES	DATE	DESCRIPTION
1	4/21/17	Email from Sarah Collins, L.E.H.S.
3	4/26/17	Percolation Certification Plan Lot 25 Woodcamp Farms

REMARKS: Hi Hank, plan submitted for review and approval. Thank you!

COPIES TO (ADDRESS): John Piorkowski, 587 West Watersville Road, Mt. Airy, Maryland 21771

SUBMITTED BY: dky

g\enr b7 5621 hd perc cert initial submission 4.27.17



Bureau of Environmental Health

8930 Stanford Blvd, Columbia, MD 21045
Main: 410-313-2640 | Fax: 410-313-2648
TDD 410-313-2323 | Toll Free 1-866-313-6300
www.hchealth.org

Maura J. Rossman, M.D., Health Officer

MEMORANDUM

DATE: April 21, 2017
TO: John Piorkowski
FROM: Sarah Collins, L.E.H.S. *SEC*
Howard County Health Department
RE: Woodcamp Farms Lot 25 revised percolation certification plan

The Health Department requires a percolation certification plan for Woodcamp Farms Lot 25 that reflects the new location of the drilled well. The percolation certification must show either a 1,500-ft² well box or two alternate well sites on the property. In addition, the percolation certification must show field-located wells on the lot and within 100' of property lines and must include a statement saying that wells have been field located.

Prior to approval of the well completion report, the Health Department must receive a well exhibit that matches that approved percolation certification.

The future building permit plan and septic plan must match the approved percolation certification.

Feel free to contact me with any questions at 410-313-6287 or SCollins@howardcountymd.gov.

Cc: Vanmar Associates, Ron Thompson (ron@vanmar.com)
File



Bureau of Environmental Health

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www.hchealth.org

Facebook: www.facebook.com/hocohealth

Twitter: HowardCoHealthDep

Dr. Maura J. Rossman, M.D., Health Officer

Memorandum

TO: Vanmar Associates, Inc.
Ron Thomson

FROM: Hank Oswald
Well & Septic Program

RE: Percolation Certification Plan
Woodcamp Farms, Lot 25

DATE: May 1, 2017

The Health Department has reviewed the percolation cert plan and has the following comments.

1. Change note #7 to include the well tag number
2. Delete note # 11. It does not apply.
3. Delete legend symbols that don't apply to plan (i.e. proposed perc test site).
4. Boundary dimensions and sewage disposal area (SDA) does not match signed preliminary plan (See attachment)

Please make the requested changes to the plan. Should you have any questions, please don't hesitate to ask.

Oswald, Hank

From: Oswald, Hank
Sent: Monday, May 01, 2017 9:17 AM
To: ron@vanmar.com
Subject: Perc Cert_Woodcamp Farms_Lot 25
Attachments: WS_HardyRoad_17665.pdf; Memo_Perc Cert Plan_5.1.17.pdf

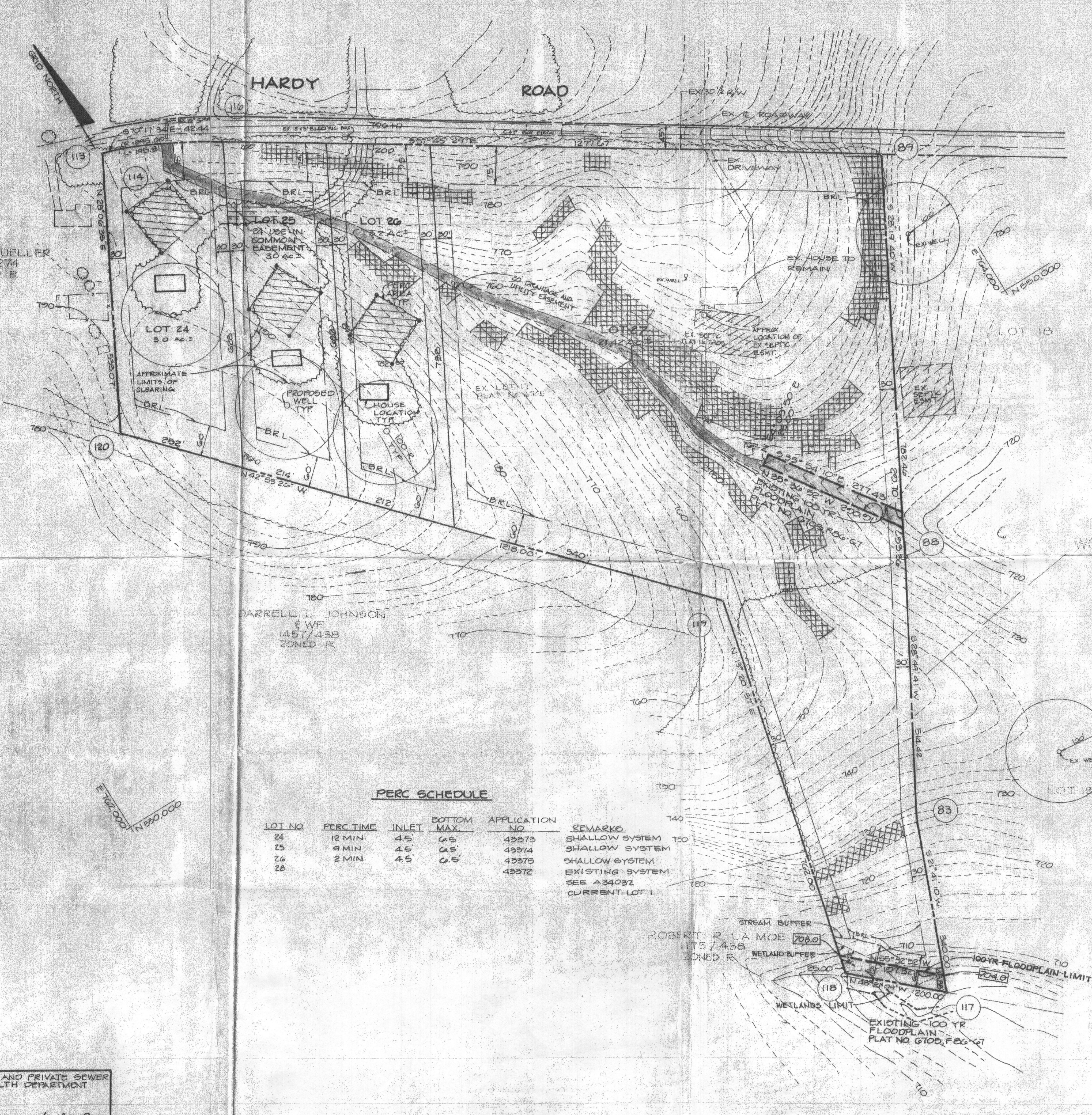
Hi Ron:

Attached, please find a copy of the previously approved preliminary plan and memo for Woodcamp Farms, Lot 25. Should you have any questions, please don't hesitate to ask.

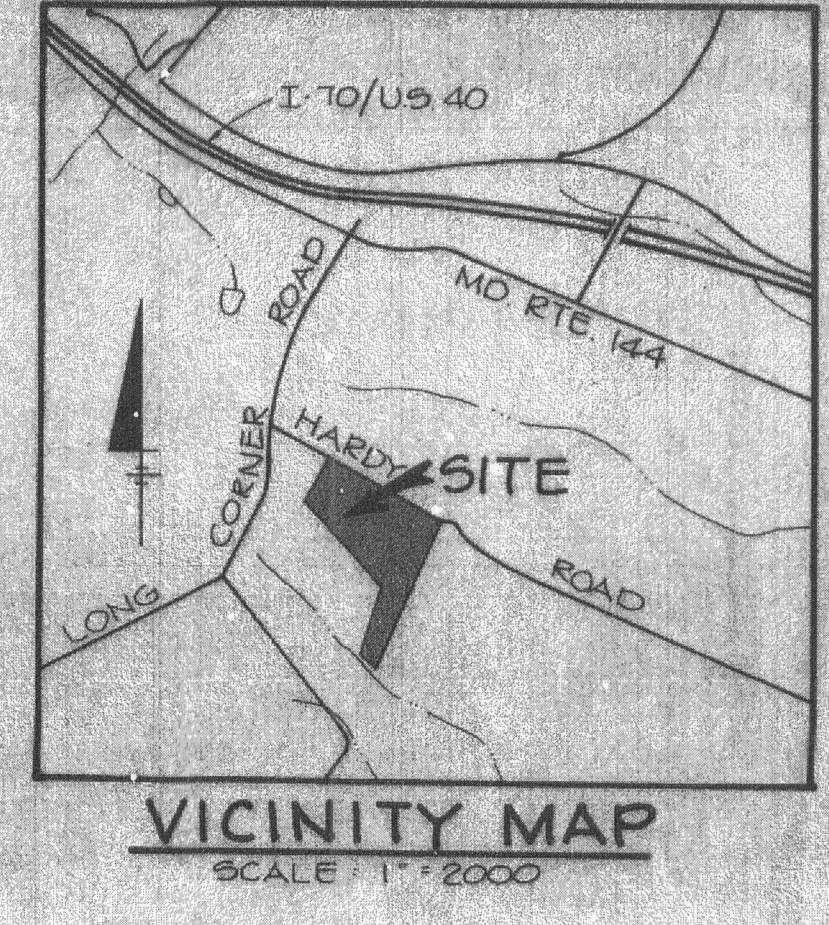
Respectfully,

Hank

Hank Oswald, L.E.H.S.
Howard County Health Department
Bureau of Environmental Health
Well & Septic Program
8930 Stanford Boulevard
Columbia, MD 21045
410.313.1786 (Office)
410.313.2648 (Fax)



COORDINATE LIST		
NO.	NORTH	EAST
85	549211.34	763914.14
86	549602.01	763902.18
89	550350.76	763933.47
113	551132.30	762637.17
114	551117.99	762677.13
116	551032.40	762862.81
117	548895.41	763188.50
118	549028.32	763039.03
119	549769.73	763214.48
120	550662.10	762386.01



MINIMUM LOT SIZE CHART						
LOT NO.	GROSS AREA	PIPESTREAM AREA	REMAINING AREA	100-YR FLOODPLAIN	25% SLOPES	MINIMUM LOT SIZE
24	3.0 Ac ±	—	—	—	—	3.0 Ac ±
29	3.0 Ac ±	—	—	—	—	3.0 Ac ±
28	3.2 Ac ±	—	—	—	—	3.2 Ac ±
27	21.42 Ac ±	—	—	0.95 Ac ±	—	21.09 Ac ±

GENERAL NOTES

- THIS AREA INDICATES APPROVED PERC AREAS AND DESIGNATES A PRIVATE SEWER EASEMENT OF 10,000 SQ. FT. AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH AND MEDICAL HYGIENE FOR INDIVIDUAL SEWERAGE SYSTEMS. ANY VARIANCES IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWER IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWER EASEMENT. RECORDED OF A MODIFIED SEWERAGE EASEMENT PLAT SHALL NOT BE NECESSARY.
- INDICATES SLOPES 15% - 25%.
- EXISTING ZONING - R
- GROSS AREA - 30.62 Ac
- AREA OF PROPOSED LOTS - 30.02 Ac
- AREA OF PROPOSED ROADS - 0.02 Ac
- WATER AND SEWER SHALL BE PRIVATE
- B.R.L. - BUILDING RESTRICTION LINE
- LIMITS OF 100 YR. FLOODPLAIN ARE TAKEN FROM PLAT NO. 6705, F86-67.
- INDICATES FIELD LOCATED PERC HOLES.
- INDICATES 100 YR. FLOODPLAIN
- PRIVATE WATER AND SEWER SYSTEMS WILL BE PROVIDED IN ACCORDANCE WITH THE SPECIFICATIONS OF THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
- NUMBER OF BUILDABLE LOTS - 4
- AREA OF FLOODPLAIN - 0.3 Ac ±
- NET AREA OF SITE - 30.92 Ac ±
- TOPOGRAPHY SHOWN HEREON BASED ON HOWARD COUNTY 200 SCALE TOPO.
- SKETCH PLAN 9-89-02 APPROVED 2/22/89.
- WAIVER, PETITION WP-89-148 WAS APPROVED ON 1/6/92 GRANTING A WAIVER TO SECTION 10, 13, (b)(7)(11) AND 16, 113(b)(9) FOR MAKING ROAD IMPROVEMENTS TO HARDY ROAD.

PERC SCHEDULE

LOT NO.	PERC TIME	INLET	BOTTOM MAX.	APPLICATION NO.	REMARKS
24	12 MIN.	4.5'	6.5'	43373	SHALLOW SYSTEM
25	9 MIN.	4.5'	6.5'	43374	SHALLOW SYSTEM
26	2 MIN.	4.5'	6.5'	43375	SHALLOW SYSTEM
28				43372	EXISTING SYSTEM SEE A34032 CURRENT LOT 1

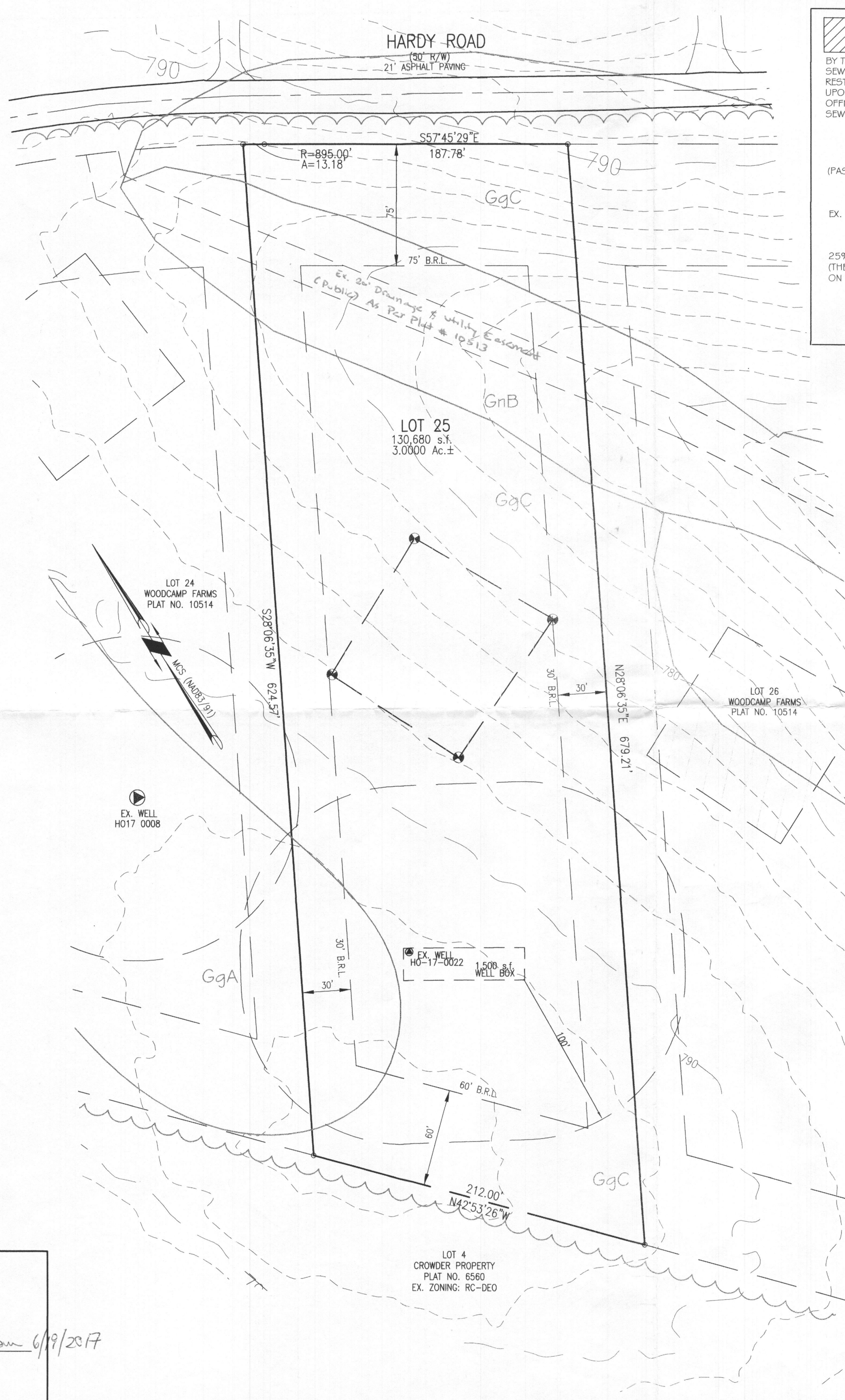
APPROVED FOR PRIVATE WATER AND PRIVATE SEWER SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
 Joseph P. ... 4-20-92
 COUNTY HEALTH DEPARTMENT # DATE

NO.	DATE	REVISION

TSA GROUP INC.
 planning • architecture • engineering
 8480 Baltimore National Pike • Ellicott City, Maryland 21043 • (301) 465-6105

Signed: *[Signature]*
 File Copy

OWNER RICHARD HOUGH 17655 HARDY ROAD MT. AIRY, MARYLAND 21171	PROJECT WOODCAMP FARMS LOTS 24 THRU 27 A RESUBDIVISION OF LOT 17
DEVELOPER RICHARD HOUGH 17655 HARDY ROAD MT. AIRY, MARYLAND 21171	LOCATION TAX MAP NO. 6, PARCEL NO. 485 4TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
DES. R.M.F.	DRN. O.V.P.
DATE FEB 6, 1992 MARCH 29, 1992	TITLE PRELIMINARY PLAN S89-02 WP-89-148 F86-67 F79-106 DATE FEB 6, 1992 MARCH 29, 1992 PROJECT NO. 0146 DRAWING 1 OF 1

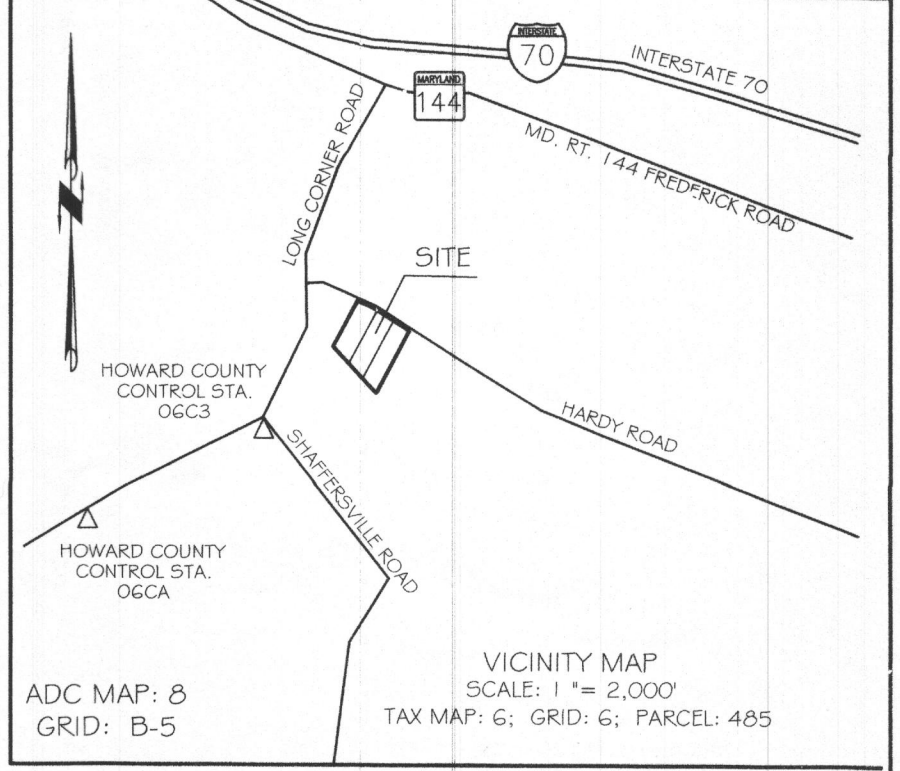


THIS AREA DESIGNATES A 10,000 SQUARE FOOT PRIVATE SEWAGE DISPOSAL AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED. THIS SEWAGE DISPOSAL AREA SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE DISPOSAL AREA.

(PASSED) PERCOLATION TEST SITE:

EX. WELL SITE:

25% OR GREATER SLOPES (THERE ARE NO 25% SLOPES ON THE SUBJECT PROPERTY)



- GENERAL NOTES:
- OWNER: RICHARD M. & BARBARA A. HOUGH
DEED REFERENCE: LIBER 908 AT FOLIO 275
DATE: OCTOBER 16, 1978
GRANTOR: RICHARD M. & BARBARA A. HOUGH
 - TAX MAP: 6 GRID: 06 PARCEL: 485
 - NEAREST POTABLE WATER SUPPLY: MT. AIRY DISTANCE: 2 MILES ±
 - TOPOGRAPHY & PLANIMETRIC FEATURES SHOWN HEREON TAKEN FROM COPYRIGHTED GIS DATA FROM HOWARD COUNTY, SUPPLEMENTED WITH FIELD LOCATIONS BY VANMAR ASSOCIATES, INC. CONTOUR INTERVAL 15 2 FEET. VERTICAL DATUM IS NAVD83.
 - THE BASIS OF BEARINGS FOR THIS PLAN IS THE MARYLAND COORDINATE SYSTEM (NAD83/91) PER HOWARD COUNTY SURVEY CONTROL STATIONS SHOWN BELOW.
DISTANCES SHOWN HEREON ARE GROUND DISTANCES.
STA. 06C3 N. 610,673.221 E. 1,273,997.317(SFT.)
STA. 06CA N. 610,135.486 E. 1,272,833.844(SFT.)
 - THERE ARE NO WELLS OR SEPTIC SYSTEMS WITHIN 100' OF THE PROPERTY BOUNDARY UNLESS OTHERWISE SHOWN HEREON.
 - THE EXISTING WELL (HO-17-0022) SHOWN ON THIS PLAN HAS BEEN FIELD LOCATED BY VANMAR ASSOCIATES AND ACCURATELY SHOWN.
 - SOIL TYPE: GLENELG LOAM (GGB) HOWARD COUNTY SOILS MAP 7
 - ZONING DISTRICT: RC-DEO
 - THE LOT SHOWN HEREON COMPLYS WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREAS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT.
 - ANY CHANGES TO A PRIVATE SEPTIC AREA WILL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.

PROFESSIONAL CERTIFICATION

I hereby certify all wells shown have been field located and there are no other wells or septic systems within 100 feet of the property boundary unless otherwise shown hereon.

Ronald E. Thompson 6/5/2017
For VanMar Associates, Inc. Date
Ronald E. Thompson, PE

OWNERS:
RICHARD M. & BARBARA A. HOUGH
17655 HARDY ROAD
MOUNT AIRY, MD. 21771
(301) 829-0904

DEVELOPER:
JOHN PIORKOWSKI
587 WEST WATERSVILLE ROAD
MOUNT AIRY, MD. 21771
433-956-6851

PROFESSIONAL CERTIFICATION

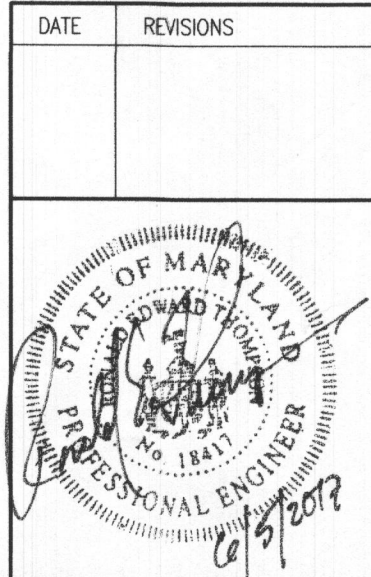
I hereby certify that this document was prepared by me or under my responsible charge, and that I am a duly licensed Professional Land Surveyor under the laws of the State of Maryland, License No. 21266, Expiration Date 09/18/17, in accordance with COMAR 09.13.06.12.

Ronald E. Thompson 6/5/2017
For VanMar Associates, Inc. Date
Ronald E. Thompson, PE

APPROVED:
FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS.

HOWARD COUNTY HEALTH DEPARTMENT

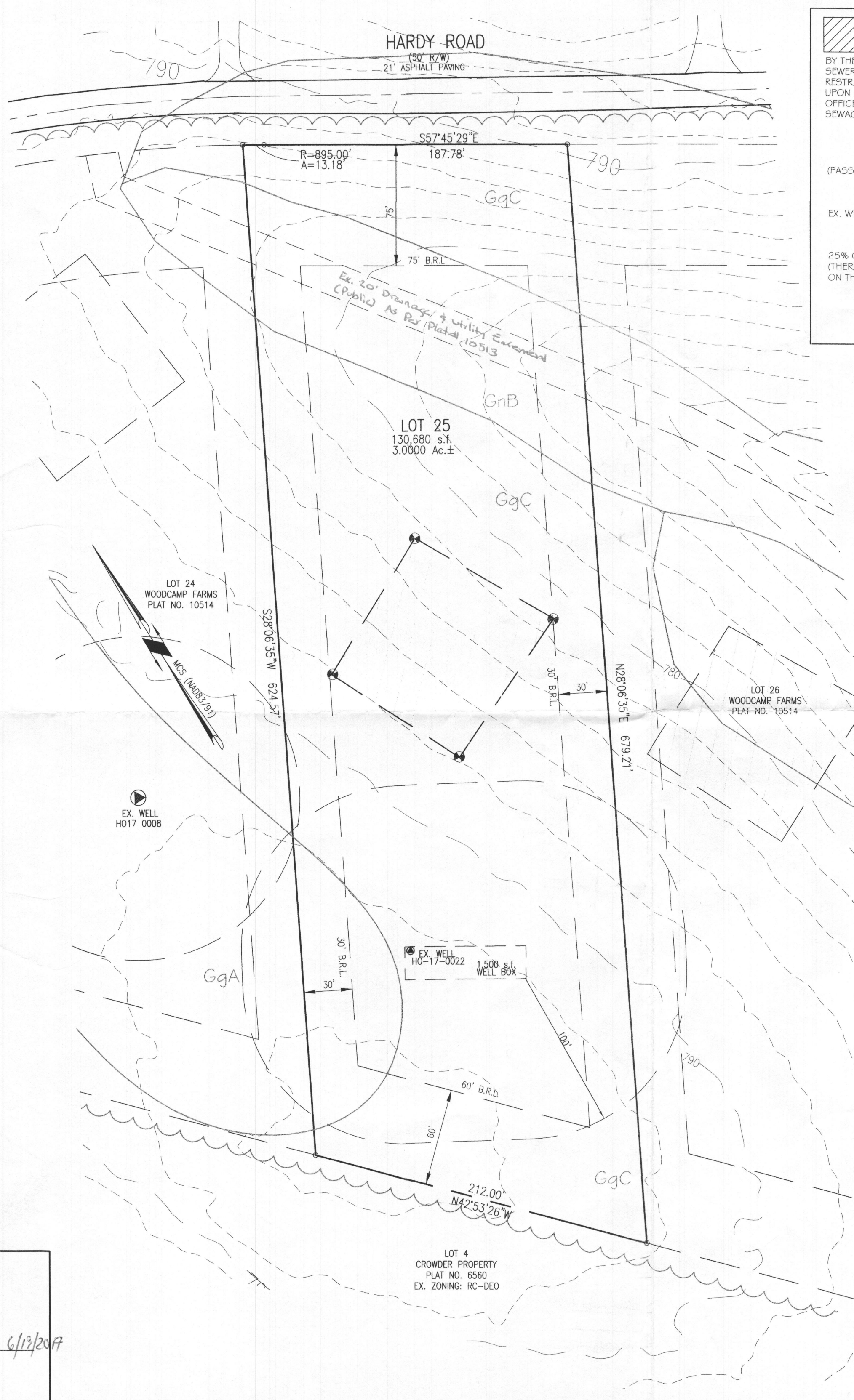
Maureen Rossman 6/19/2017
HOWARD COUNTY HEALTH OFFICER DATE



PERCOLATION CERTIFICATION PLAN
LOT 25
WOODCAMP FARMS
PLAT NO. 23676

TAX MAP: 6 ELECTION DISTRICT: No. 4 SCALE: 1" = 50'
GRID NO: 6 HOWARD COUNTY, MARYLAND DATE: APRIL, 2017
P/O PARCEL NO: 485 EX. ZONING: R SHEET 1 OF 1

VANMAR ASSOCIATES, INC.
Engineers Surveyors Planners
310 South Main Street Mount Airy, Maryland 21771
(301) 829-2890 (301) 831-5015 (410) 549-2751
Fax (301) 831-5603 ©Copyright, Latest Date Shown

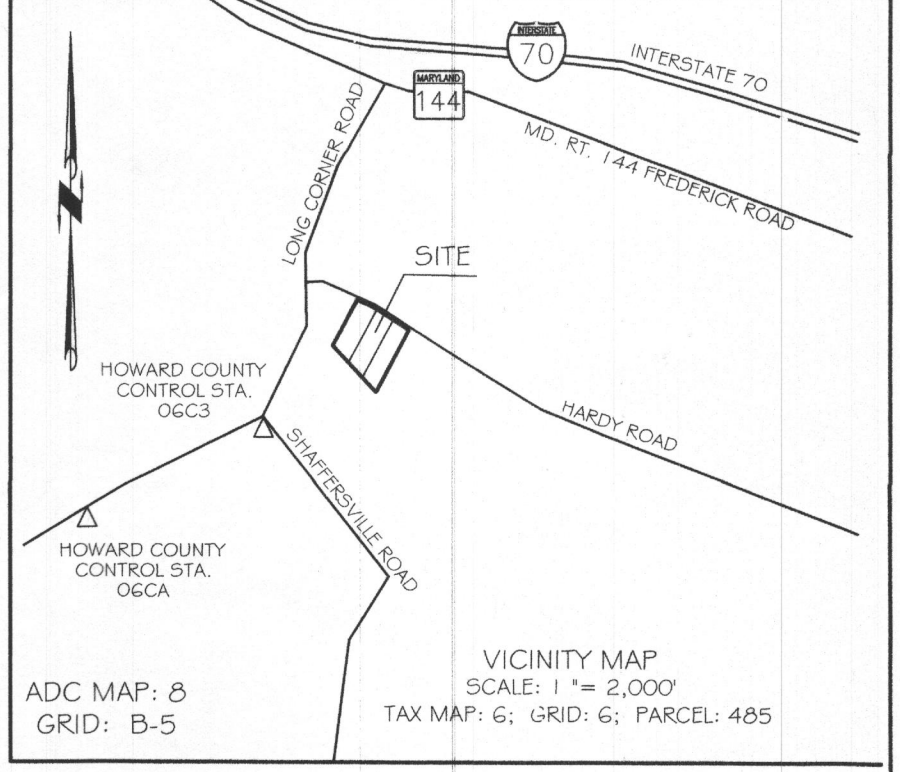


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Date: 6/5/2017

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DATE	REVISIONS

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APPROVED:
FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS.
HOWARD COUNTY HEALTH DEPARTMENT

HOWARD COUNTY HEALTH OFFICER DATE: 6/12/2017
H.O. Roseman

