

Bureau of Environmental Health

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

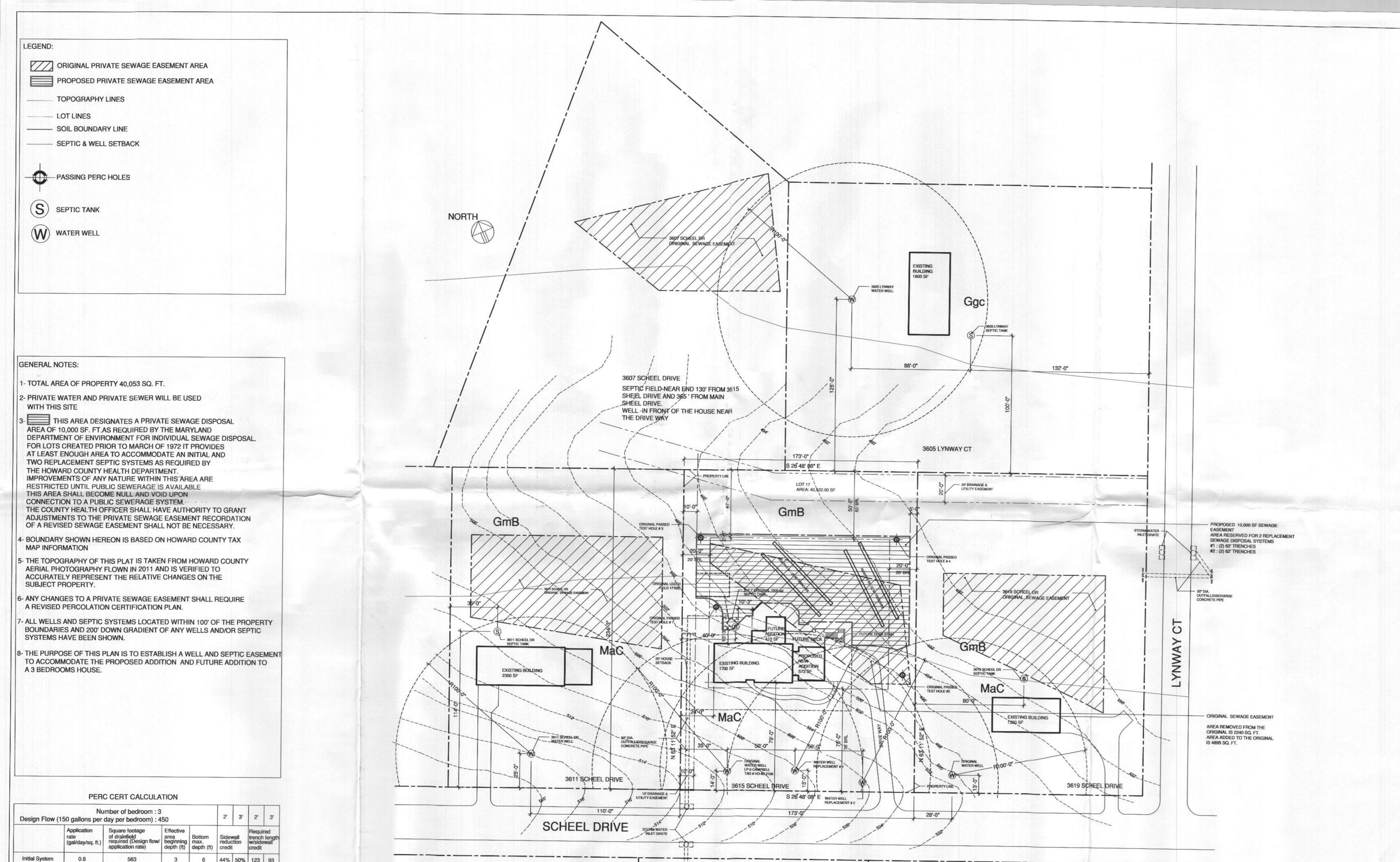
Facebook: www.facebook.com/hocohealth Twitter: HowardCoHealthDep

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

	SEWAGE DISPOSAL S	YSTEM SPECIFICATIONS WORKSHI	EET
Address:	615 Sche	el Prive	
Subdivision:			Lot:
	Application rate: 0.8	Effective area beginning depth: 3	Bottom maximum depth:
1 st Replacement:	Application rate: 0.8	Effective area beginning depth:	Bottom maximum depth:
2 nd Replacement:	Application rate: O.S	Effective area beginning depth: 3	Bottom maximum depth:
Design flow ÷ applicat	lons per day per bedroom ion rate = square footage h required = drainfield squ	of drainfield required are footage x sidewall reduction perc	entage ÷ trench width
Sidewall reduction cre $\frac{W+2}{W+1+2D} \times 100$	_ Percent of length of s	standard trench where W=trench wid ing depth and trench bottom.	th and D= depth between
 All trenches m All trenches m Minimum trenbe necessary f 2D +W up to a Minimum trentrench and 9' f 	t be located to provide room that the equal length unless that the on contour inch spacing: 10' for all trentfor any trench using over 3' maximum spacing of 18'. Inch spacing for trenches without a 3' wide trench (spacing the length is 100'	om for 3 systems in the disposal area is low pressure dosed ches utilizing sidewall reduction cred 5.5' of effective sidewall. In those case ith no sidewall credit (bottom area or ng is measured edge to edge)	es, the spacing formula is
Additional requireme	ents:		
Approved:	'SF	Date:5/24/2	019

SITE INSPECTION SHEET

ADDRESS: 7613		PHONE #:
ADDRESS:	Shal	CONTRACTOR:
		WELL TAG#:
SUBDIVISION:	LOT:	COUNTY #:
PROPOSAL:	, .	
	LOCATION	DIAGRAM
75 30 30 30 30 30 30 30 30 30 30 30 30 30		
	weV	



44% 50% 123 93 0.8 1ST Replacement 563 44% 50% 123 93 2nd Replacement 563 44% 50% 123 93 sidewall reduction credit + (W+2/(W+1+2D)) X 100 Where W is trench width and D is Bottom max depth less Beginning depth

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

Hayman Z. Elashry Hayfram 07-01-2019

PERCOLATION CERTIFICATION PLAN 3615 SCHEEL DRIVE ELLICOTT CITY, MD 21042 - LOT 17 **OWNERS: HAYMAN ELASHRY TEL: 202-492-8548**

1 PERCOLATION CERTIFICATION PLAN

100 SCALE: 1" = 30"

3608 SCHEEL DRIVE

SHEEL DRIVE.

SCHEEL DRIVE

SEPTIC FIELD-NEAR END 110' FROM MAIN

WELL -IN FRONT OF THE HOUSE 50' FROM

3612 SCHEEL DRIVE

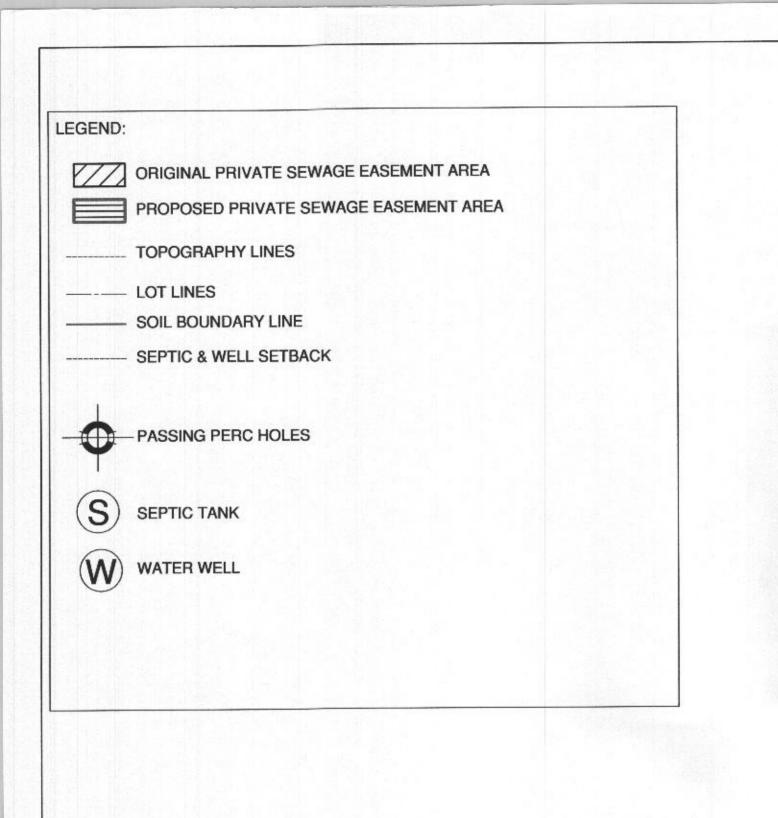
SHEEL DRIVE.

SCHEEL DRIVE

SEPTIC FIELD-NEAR END 110' FROM MAIN

WELL -IN FRONT OF THE HOUSE 50' FROM

approved For Private water and private Sewerage Systems Health Officer, Howard County Health Dept.



GENERAL NOTES:

1- TOTAL AREA OF PROPERTY 40,053 SQ. FT.

2- PRIVATE WATER AND PRIVATE SEWER WILL BE USED WITH THIS SITE

- THIS AREA DESIGNATES A PRIVATE SEWAGE DISPOSAL
 AREA OF 10,000 SF. FT.AS REQUIRED BY THE MARYLAND
 DEPARTMENT OF ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL.
 FOR LOTS CREATED PRIOR TO MARCH OF 1972 IT PROVIDES
 AT LEAST ENOUGH AREA TO ACCOMMODATE AN INITIAL AND
 TWO REPLACEMENT SEPTIC SYSTEMS AS REQUIRED BY
 THE HOWARD COUNTY HEALTH DEPARTMENT.
 IMPROVEMENTS OF ANY NATURE WITHIN THIS AREA ARE
 RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE
 THIS 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.
- 4- BOUNDARY SHOWN HEREON IS BASED ON HOWARD COUNTY TAX MAP INFORMATION
- 5- THE TOPOGRAPHY OF THIS PLAT IS TAKEN FROM HOWARD COUNTY AERIAL PHOTOGRAPHY FLOWN IN 2011 AND IS VERIFIED TO ACCURATELY REPRESENT THE RELATIVE CHANGES ON THE SUBJECT PROPERTY.
- 6- ANY CHANGES TO A PRIVATE SEWAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
- 7- ALL WELLS AND SEPTIC SYSTEMS LOCATED WITHIN 100' OF THE PROPERTY BOUNDARIES AND 200' DOWN GRADIENT OF ANY WELLS AND/OR SEPTIC SYSTEMS HAVE BEEN SHOWN.
- 8- THE PURPOSE OF THIS PLAN IS TO ESTABLISH A WELL AND SEPTIC EASEMENT TO ACCOMMODATE THE PROPOSED ADDITION AND FUTURE ADDITION TO A 3 BEDROOMS HOUSE.

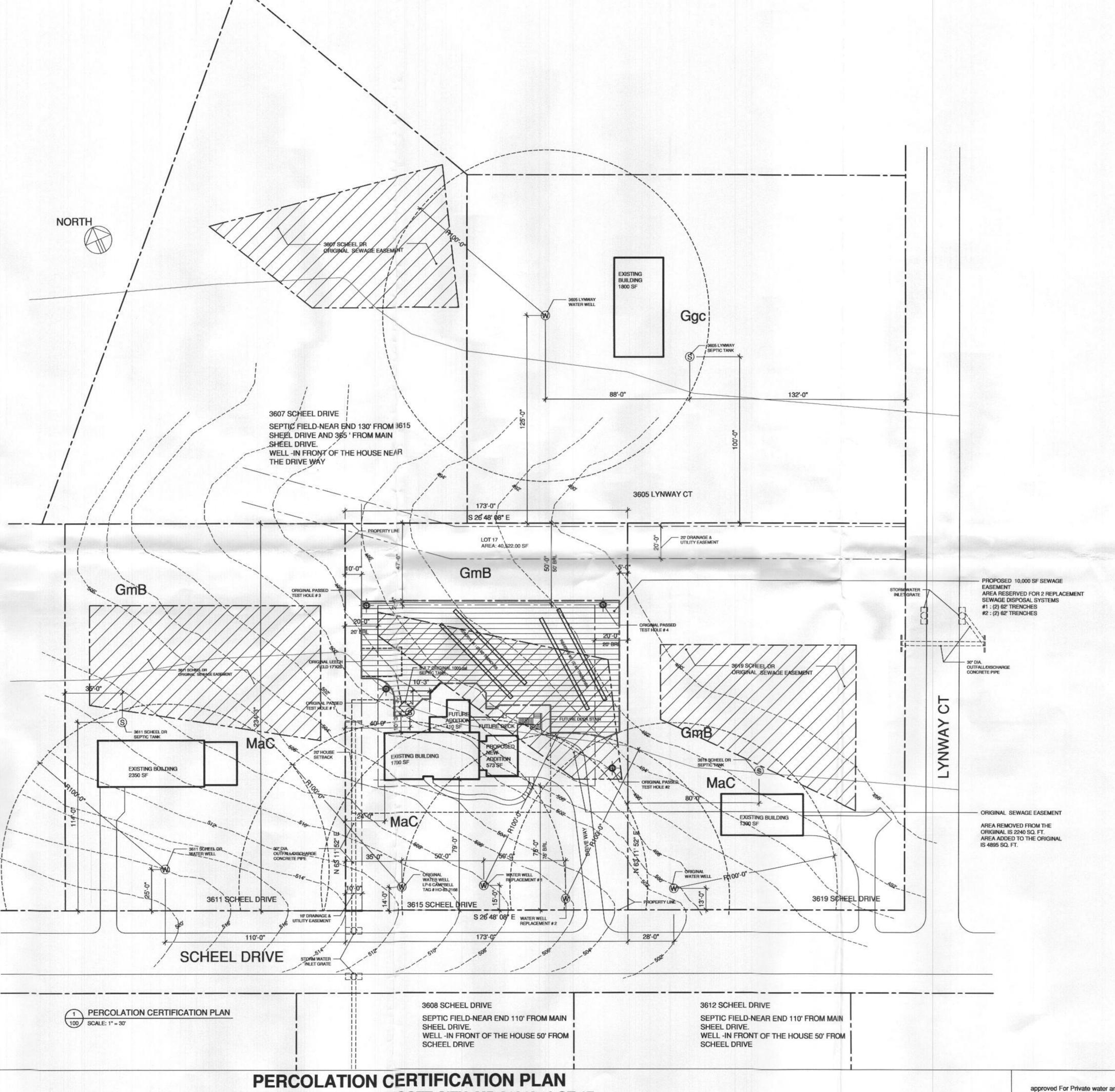
PERC CERT CALCULATION

Number of bedroom : 3 Design Flow (150 gallons per day per bedroom) : 450					2'	3'	2'	3'
	Application rate (gal/day/sq. ft.)	Square footage of drainfield required (Design flow/ application rate)	Effective area beginning depth (ft)	Bottom max. depth (ft)	Sidewall reduction credit		Required trench length w/sidewall credit	
Initial System	0.8	563	3	6	44%	50%	123	93
1ST Replacement	0.8	563	3	6	44%	50%	123	93
2nd Replacement	0.8	563	3	6	44%	50%	123	93

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Hayman Z. Elashry

O7-01-2019



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Health Officer, Howard County Health Dept.