

- Add house site 6/11
- Add driveway
- Pebble area

Proposed SDA

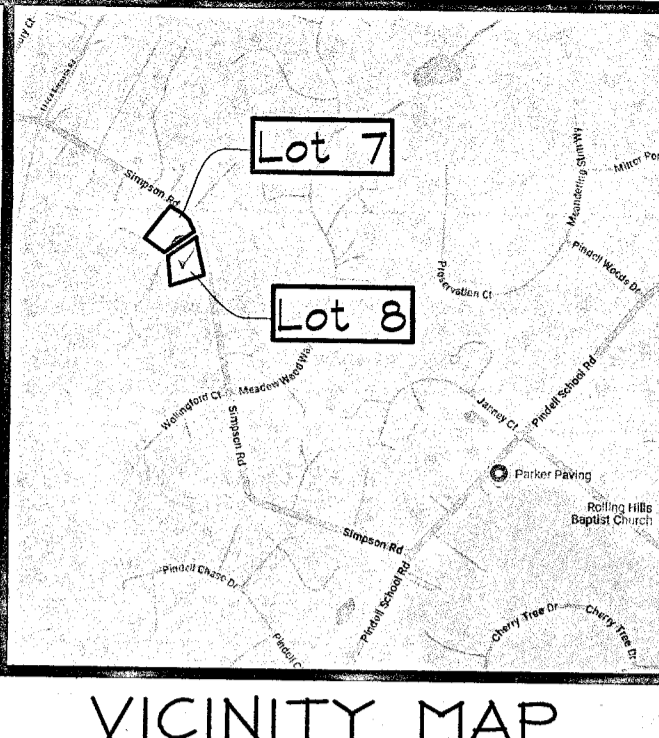
- delete any unused legend symbols
- Change note # 10 to read.

- GENERAL NOTES**
- 1) THIS PROPERTY IS ZONED RR-DEO.
 - 2) THE PROPERTY BOUNDARY SHOWN IS BASED ON EXISTING PLAT OF RECORD.
 - 3) DEED REFERENCE: LIBER 4770 FOLIO 303, PLAT RECORD 14485.
 - 4) THE EXISTING TOPOGRAPHY IS BASED ON FIELD RUN SURVEY CONDUCTED BY JNM ENGINEERING AND HOWARD COUNTY GIS.
 - 5) ANY CHANGE TO THE SEWERAGE DISPOSAL AREA SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
 - 6) SOIL TYPES SHOWN ON THIS PLAN ARE FROM THE USDA WEB SOIL SURVEY.
 - 7) THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
 - 8) ALL EXISTING WELLS AND SEWERAGE DISPOSAL AREAS AND COMPONENTS WITHIN 100- FEET OF THE PROPERTY BOUNDARIES AND ALL EXISTING/PROPOSED WELLS 200' DOWN GRADIENT FROM EXISTING OR PROPOSED SEPTIC SYSTEMS HAVE BEEN SHOWN FROM THE BEST AVAILABLE INFORMATION.
 - 9) ALL BUILDING SITES SHOWN COMPLY WITH MINIMUM BUILDING RESTRICTION REGULATIONS.
 - 10) A VARIANCE FOR AN EXISTING DOWNHILL WELL WAS APPROVED ONXXXX SUBJECT TO THE FOLLOWING CONDITIONS:

LEGEND

	EX. PROP. LINE
	EX. FENCE
	PROP. DRIVEWAY
	APPROVED SEWAGE DISPOSAL AREA
	SOIL BOUNDARY
	EX. 2' CONTOUR
	EX. 10' CONTOUR
	WELL (EX. OR PROP.)
	BUILDING RESTRICTION LINE
	FAILED PERC TEST
	PASSED PERC TEST
	EX STEEP SLOPES

ZONING DATA
 ZONING: RR-DEO
 MIN. LOT AREA = 130,680 SQ FT (3 AC.)
 MIN. LOT WIDTH AT R/W = 200 FT
 MIN. LOT WIDTH AT B.R.L. = 200 FT
 FRONT B.R.L. = 50 FT
 REAR B.R.L. = 30 FT
 SIDE B.R.L. = 10 FT



THIS AREA DESIGNATES A PRIVATE SEWERAGE DISPOSAL AREA OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA IS 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 THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWERAGE DISPOSAL AREA. RECORDATION OF A MODIFIED SEWERAGE DISPOSAL AREA SHALL NOT BE NECESSARY.

PURPOSE STATEMENT
 The purpose of this percolation certification plan is to adjust the area of the SDA and add a well box to accommodate future well sites.

SOILS DATA TABLE

SYMBOL	SOIL	HYDRIC	K-FACTOR	ERODIBLE	WET SEASON
GhB	Glenelg urban land comp., 0%-8%	NO	0.37	NO	NO
GsB	Glenelg Loam, 3%-8% Slopes	NO	0.24	NO	NO

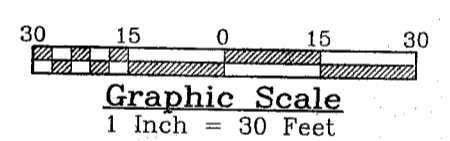
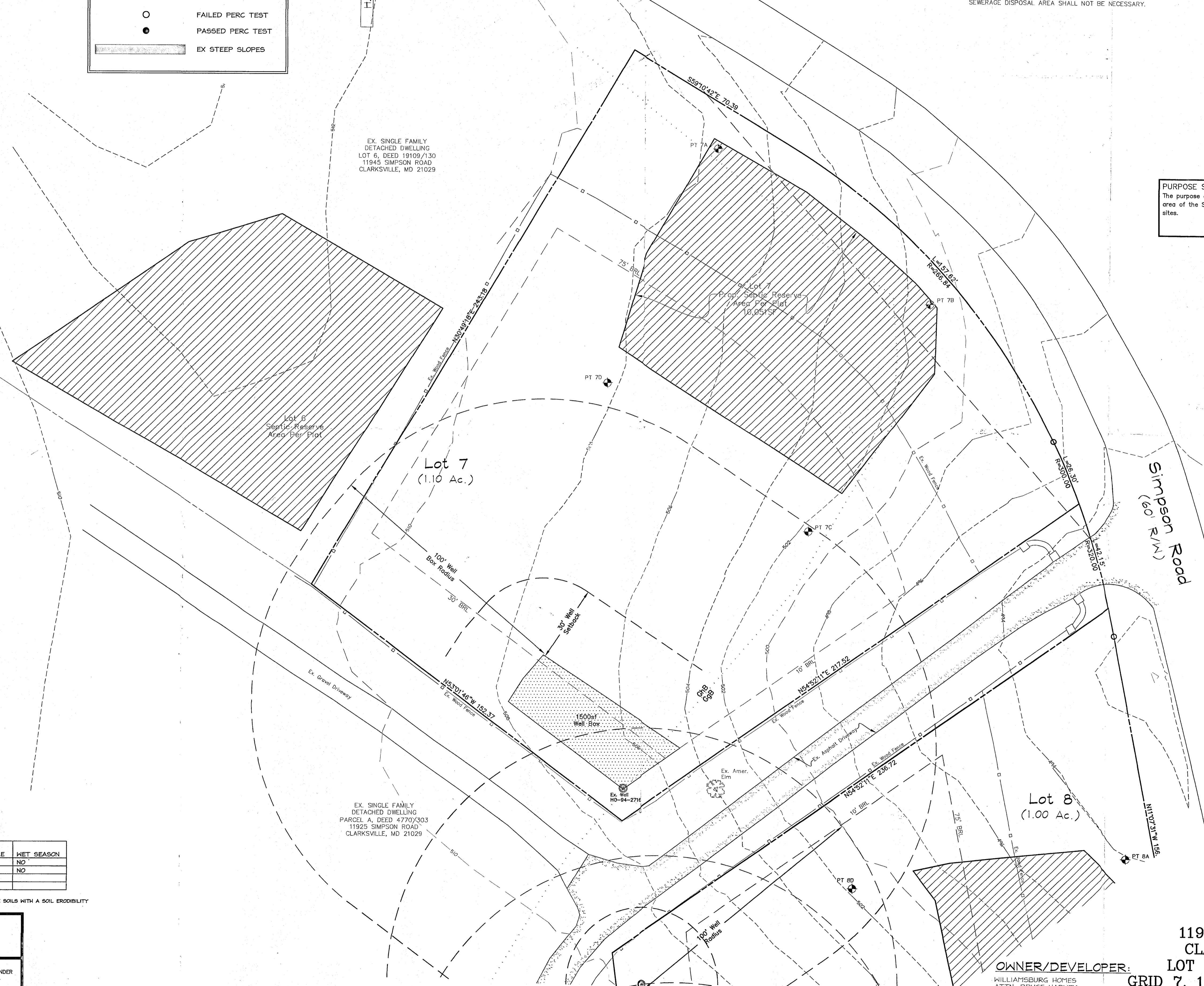
SOILS INFORMATION TAKEN FROM USDA WEB SOIL SURVEY WEBSITE
 NOTE: HIGHLY ERODIBLE SOILS ARE THOSE SOILS WITH A SLOPE GREATER THAN 1% OR THOSE SOILS WITH A SOIL ERODIBILITY FACTOR "K" GREATER THAN 0.35 WITH A SLOPE GREATER THAN 5 PERCENT.

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS

COUNTY HEALTH OFFICER: _____ DATE: _____

PERCOLATION CERTIFICATION:
 I CERTIFY THAT THE LOCATIONS SHOWN HEREON ARE BASED ON FIELD LOCATIONS DONE UNDER MY DIRECT SUPERVISION, AND ARE CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

JAMES W. WITMER
 PROFESSIONAL LAND SURVEYOR, MD REG. NO. 21931 DATE: _____



Percolation Test Results

Test Site	Hole Depth	Test Depth (ft)	Rate (min./Inch)	Results (Pass/Fail)
7A	13'	3.5'	2	PASS
7B	13'	4.5'	20	PASS
7C	13'	4.0'	2	PASS
7D	13'	5.0'	VISUAL	PASS

OWNER/DEVELOPER:
 WILLIAMSBURG HOMES
 ATTN: BRUCE HARVEY
 5485 HARPERS FARM ROAD
 COLLETTA, MD 21044
 410-997-8800

11935 SW SIMPSON ROAD
 CLARKSVILLE, MD 21029
 LOT 7, PLAT 14485, MAP 41
 GRID 7, 1.12 ACRES, ACCT#05-434351
 REVISED PERCOLATION
 CERTIFICATION PLAN

DATE	REVISION	BY
22-0812	03/23	JWW

11935 SW SIMPSON ROAD
 TAX MAP 41, LOT 7, PLAT 14485, 1.12 ACRES
 ELECT. DIST. 5, HOWARD COUNTY, MARYLAND
 REVISED PERC. CERT. PLAN

JNM ENGINEERING, LLC
 CIVIL ENGINEERING, SURVEYING, LAND PLANNING,
 ENVIRONMENTAL, ARBORICULTURE, LEED PROFESSIONALS
 1105 LEAFY HOLLOW CIRCLE, MOUNT AIRY, MD 21771
 (301) 514-2808, JNMEENGINEERINGLLC.COM

Oswald Jr, Woodin

From: Oswald Jr, Woodin
Sent: Monday, July 1, 2024 2:03 PM
To: 'Jim Witmer'
Subject: Perc Cert Plan_11935 SW Simpson Road

Hi Jim,

The variance request for 11935 SW Simpson Road has been approved. Please Make the following changes to the plan:

1. Change note #10 to read, The Maryland Department of the Environment has reviewed the existing well and proposed well box and existing sewage disposal area locations as shown on this plan as recommended by the Howard County Health Department, and has granted a variance to allow the existing well and well box on 11935 Simpson Road to be downgradient of the sewage disposal area on 11945 Simpson Road, pursuant to the following conditions:
 - a. Future well must be steel cased 50 feet in depth or 10 feet into competent bedrock, whichever is greater.
2. Add address labels to each lot.
3. The scale is 1:20, but it reads 1:30 on the plan in two locations.
4. Lot 8 reads Septic Reserve Area. Change to read Sewage Disposal Area.
5. Lot 7 reads Sewage Disposal Area. Change to read Proposed Sewage Disposal Area.
6. Make purpose statement more specific. You could add, "for the development of a single family dwelling".
7. Add note, An approved Onsite Sewage Disposal System Plan will be required prior to building permit approval.
8. Legend symbol for passed perc test does not match symbol on plan.
9. Add legend symbol for well box
10. Perc test results chart is inaccurate. 7A was a visual and 7D was not
11. Sign, date and stamp plan.

Should you have any questions, please don't hesitate to ask.

Regards,

Hank

Hank Oswald
Licensed Environmental Health Specialist
Bureau of Environmental Health
Howard County Health Department
8930 Stanford Blvd. Columbia, MD 21045
(410) 313 - 1786
www.hchealth.org

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