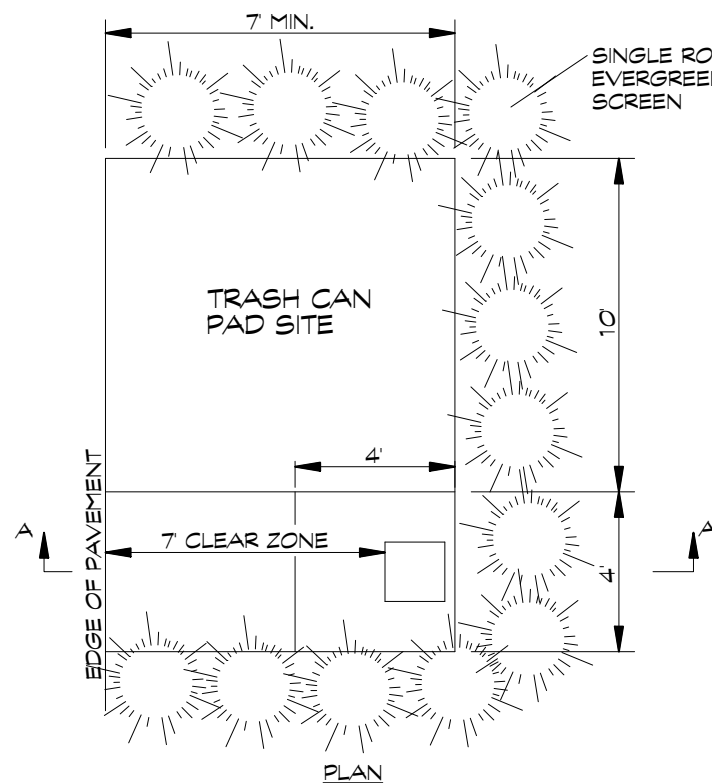




Test #	Test Type	Percolation Rate		Percolation Rate		Comments	Date	Test #	San.
1	DT	28 min. at	2 ft.	5 min. at	5 ft.	>2min at 9ft	08/21/25	1	RA
2	OH					>50% rock @ 5 feet	08/21/25	2	RA
3	DT	3 min. at	2 ft.	6 min. at	5 ft.	>2min at 9ft	08/21/25	3	RA
4	DT	3 min. at	2 ft.	28 min. at	9 ft.	>2min at 13ft	08/21/25	4	RA
5	DNE					Did not excavate	08/21/25	5	RA
6	DNE					Did not excavate	08/21/25	6	RA
7	DT	5 min. at	2 ft.	16 min. at	7 ft.	>2min at 11ft	08/21/25	7	RA
8	TZ					>2min at 11ft	08/21/25	8	RA
9	OH					Water at 12ft	08/21/25	9	RA
10	TZ					>2min at 10ft	08/21/25	10	AA
11	DT	4 min. at	2 ft.	3 min. at	5 ft.	>2min at 9ft	08/21/25	11	AA
12	OH					Suitable soil to 8ft	08/21/25	12	AA
13	DT	3 min. at	2 ft.	10 min. at	6 ft.	>2min at 10ft	08/21/25	13	AA
14	TZ					>2min at 10ft	08/21/25	14	AA
14	TF	12 min. at	2 ft.			Tile Field test	12/02/25	14	AA, NPD
15	DT	4 min. at	4 ft.	3 min. at	6 ft.	>2min at 10ft	08/21/25	15	AA
16	DT	3 min. at	3 ft.	2 min. at	8 ft.	>2min at 12ft	08/21/25	16	AA
17	TZ					>2min at 10ft	08/21/25	17	AA
18	DT	5 min. at	3 ft.	2 min. at	8 ft.	>2min at 12ft	08/21/25	18	AA
19	TZ					>2min at 13ft	08/21/25	19	AA
20	DT	3 min. at	3 ft.	3 min. at	9 ft.	>2min at 13ft	08/21/25	20	AA
21	DT	6 min. at	3 ft.	13 min. at	9 ft.	>2min at 13ft	08/21/25	21	AA
22	DT	3 min. at	2 ft.	6 min. at	9 ft.	>2min at 13ft	08/21/25	22	AA
23	DT	3 min. at	2 ft.	4 min. at	9 ft.	>2min at 13ft	08/21/25	23	RA
24	TZ					>2min at 13ft	08/21/25	24	RA
25	DT	2 min. at	2 ft.	5 min. at	7 ft.	>2min at 11ft	08/21/25	25	RA
26	TZ					>2min at 13ft	08/21/25	26	RA
27	DT	2 min. at	2 ft.	8 min. at	9 ft.	>2min at 13ft	08/21/25	27	RA
28	TZ					>2min at 9ft	08/21/25	28	RA
29	DT	4 min. at	2 ft.	2 min. at	5 ft.	>2min at 9ft	08/21/25	29	AA
30	DT	3 min. at	2 ft.	2 min. at	5 ft.	>2min at 9ft	08/21/25	30	AA
29	TF	5 min. at	2 ft.			Tile Field test	12/02/25	29	AA, NPD
30	TF	5 min. at	2 ft.			Tile Field test	12/02/25	30	AA, NPD
31	TF	5 min. at	2 ft.			Tile Field test	12/02/25	31	AA, NPD
32	TF	12 min. at	2 ft.			Tile Field test	12/02/25	32	AA, NPD
33	DT	6 min. at	4 ft.	6 min. at	6 ft.	>2min at 10ft	12/02/25	33	AA, NPD
34	DT	2 min. at	2 ft.	3 min. at	5 ft.	>2 min at 9ft	12/02/25	34	AA, NPD

NOTE:
IF GRAVITY FLOW TO THE SEWAGE DISPOSAL AREA
CANNOT BE ENSURED, A PUMPED SEWAGE DISPOSAL
SYSTEM WILL BE REQUIRED.

NOTE:
FOR CONSTRUCTION OF A DWELLING (OR OTHER FACILITIES) EXCEEDING A FOUR BEDROOM HOUSE SIZE (800 GPD) IT MUST BE DEMONSTRATED THAT THERE IS ADEQUATE AREA FOR AN INITIAL SEPTIC SYSTEM AND TWO REPLACEMENT SEPTIC SYSTEMS IN ACCORDANCE WITH COMAR 26.04.02.04F (EFFECTIVE 11/18/85)

NOTE:

A PERCOLATION TEST IS ONLY ONE OF THE CRITERIA USED IN CONSIDERING A LOT FOR INSTALLATION OF A SEPTIC SYSTEM. ADDITIONAL TESTING CAN BE REQUIRED AND MAY BE SUBJECT TO SCHEDULING DURING THE WET WEATHER PERIOD. THE ENTIRE LOT IS EVALUATED WHEN APPLICATION FOR A SEPTIC PERMIT IS MADE. ADJOINING PROPERTY HISTORY, PERCOLATION TEST METHODOLOGY, ADJOINING WELLS AND SEPTIC SYSTEMS, PROPOSED NUMBER OF BEDROOMS, HISTORY OF EXISTING SEPTIC SYSTEMS AND WELLS, DESIGN, SIZE, AND LOCATION OF THE PROPOSED SEPTIC SYSTEM, AND THE IMMEDIATE AREA ARE THEN USED TO DETERMINE IF THE LOT IS SUITABLE FOR THE UNDERGROUND DISPOSAL OF SEWAGE. ISSUANCE OF A SEPTIC SYSTEM PERMIT CONSTITUTES LOT APPROVAL BY THE HEALTH DEPARTMENT.

SHEET LIST TABLE	
SHEET NUMBER	SHEET TITLE
0100	CONCEPT PLAN
0600	SEDIMENT CONTROL PLAN
0700	SEDIMENT CONTROL NOTES & DETAILS
0800	GRADING PLAN
0900	STORMWATER MANAGEMENT PLAN
1000	STORM WATER MANAGEMENT NOTES & DETAILS
1400	FOREST STAND DELINEATION & FOREST CONSERVATION PLAN
1401	FOREST STAND DELINEATION NOTES & DETAILS
1700	USE IN COMMON DRIVEWAY PROFILES & DETAILS

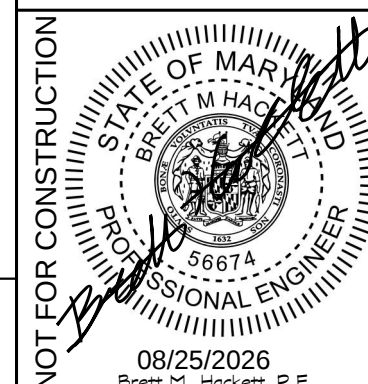
OWNER/DEVELOPER

OBRECHT LLC
2847 LITTLESTOWN PIKE
WESTMINSTER MD 21158
410-984-2643

CONCEPT PLAN

LLANFAIR SUBDIVISION

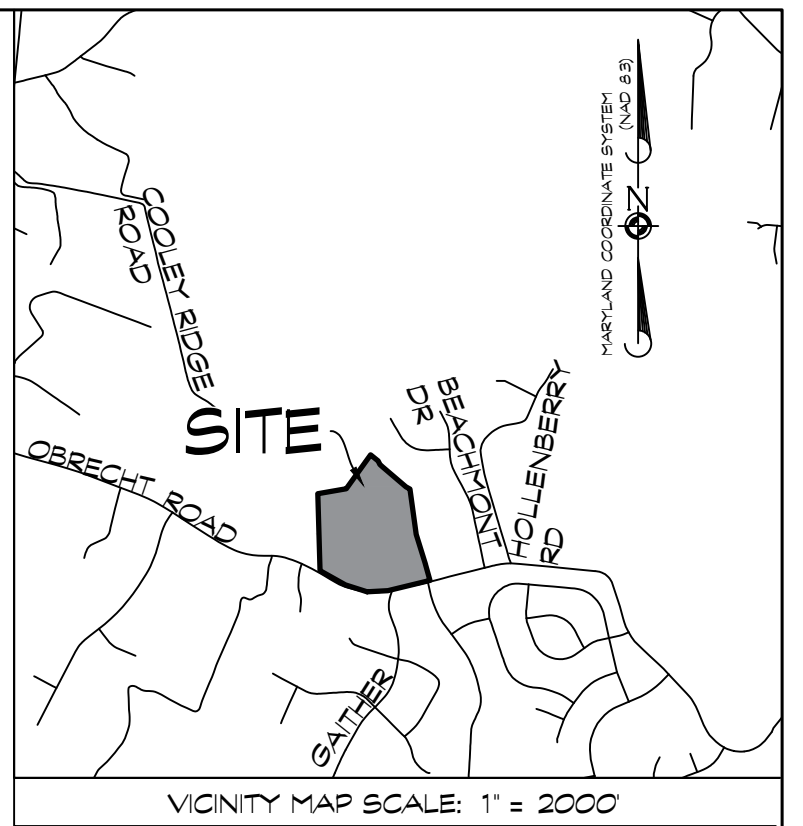
SECTION THREE
OBRECHT ROAD, SYKESVILLE, MD 21784
TAX MAP: 78 * BLOCK: 2 * PARCEL: 16
14th ELECTION DISTRICT * CARROLL COUNTY, MD



439 East Main Street Westminster, MD 21157-5539
(410) 848-1790 FAX (410) 848-1791

PROFESSIONAL CERTIFICATION: I HEREBY CERTIFY THAT THIS DOCUMENT WAS PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NO. 56674, EXPIRATION DATE: DECEMBER 8, 2027

Date	Revisions	Drawn By: JLS
		Design By: LDA/JS
		Reviewed By: BH
		Date: AUGUST, 2026
		Scale: 1"=100
		Job No.: 2025018
		Sheet: 0100



DATA TABULATIONS

1. ZONING DISTRICT(S):
R-20,000; 0.9, 1099± ACS
CONSERVATION: 16, 572± ACS
2. SOIL CLASSIFICATION: NRCS SOIL DATA
3. NUMBER OF BUILDING SITES: 8
4. TOTAL AREA OF LOTS: 25, 682± ACS±
5. TOTAL AREA: 25, 682± ACS±
6. BREAKDOWN OF DWELLING UNITS BY TYPE: 8 - SINGLE FAMILY

GENERAL NOTES

1. CURRENT TITLE REFERENCE
OWNER: OBCHREK LLC
DEED REFERENCE: LIBER 11420, FOLIO 146
DATE: FEBRUARY 14, 2025
GRANTOR: ALLEN MERRILL SUMEY, TRUSTEE
2. THE BOUNDARY SHOWN HEREON IS BASED ON DEED INFORMATION
AND CARROLL COUNTY RECORDS.
3. THE TOPOGRAPHY SHOWN HEREON IS BASED ON TOPOGRAPHY
DATA, PROVIDED BY CARROLL COUNTY.
4. THE NEAREST POTABLE WATER SUPPLY IS EXISTING AT SITE.
THE NEAREST EXISTING FIRE HYDRANT USED FOR FIRE PROTECTION
IS ACROSS THE STREET AT THE HARLAN / OBCHREK INTERSECTION.
M.B.L. DENOTES MINIMUM BUILDING LINE.
5. THERE ARE NO EASEMENTS SHOWN WITHIN 100' OF THE
PROPERTY BOUNDARY UNLESS OTHERWISE SHOWN HEREON.
6. THIS PLAN IS A BENEFIT TO THE CUSTOMER ONLY INsofar AS IS
REQUIRED BY CARROLL COUNTY FOR THE PURPOSE OF LOT
APPROVAL. IT IS NOT TO BE RELIED UPON FOR THE ESTABLISHMENT
OF BOUNDARY, EASEMENT, OR RIGHT-OF-WAY LINES FOR ANY
REASON SUCH AS THE LOCATION OF FENCES, GARAGES, BUILDINGS,
OR OTHER EXISTING OR FUTURE IMPROVEMENTS.
7. THE SITE IS NOT TO BE USED FOR ANY WATERBODIES.
8. THE AFFORESTATION REQUIREMENT FOR THIS PROJECT WILL BE
SATISFIED BY THE CREATION OF A FOREST CONSERVATION EASEMENT
AROUND EXISTING ONSITE WOODS.