

VOLUME CALCULATIONS

Date: April 9, 2025_

Job No.: 22-243

Project Location

Definitive Subdivision / Major Residential Development
 'Gratuity Brook Farm Estates', Groton, MA 01450

Re: Earthwork Volume Report

Notes

- Volumes calculated for earthwork dated April 9, 2025.
- Majority of the disturbed area on site to be filled.

Figure 1 – Total Volume

VOLUMES

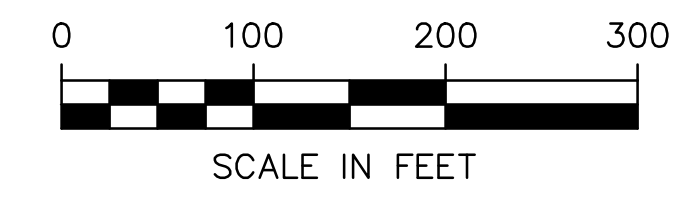
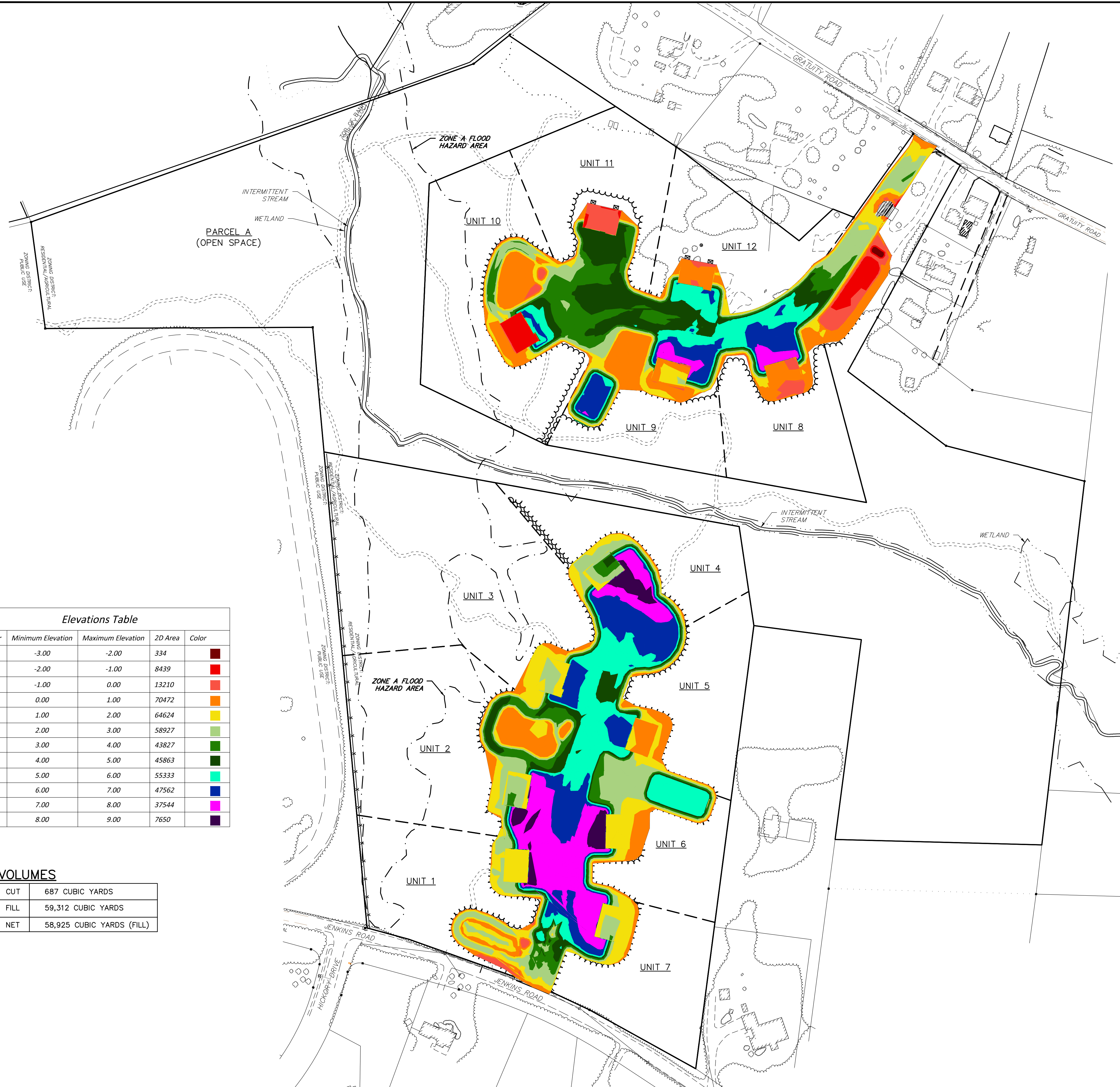
CUT	687 CUBIC YARDS
FILL	59,312 CUBIC YARDS
NET	58,925 CUBIC YARDS (FILL)

Figure 2 – Elevation Summary

<i>Elevations Table</i>			
<i>Number</i>	<i>Minimum Elevation</i>	<i>Maximum Elevation</i>	<i>2D Area</i>
1	-3.00	-2.00	334
2	-2.00	-1.00	8439
3	-1.00	0.00	13210
4	0.00	1.00	70472
5	1.00	2.00	64624
6	2.00	3.00	58927
7	3.00	4.00	43827
8	4.00	5.00	45863
9	5.00	6.00	55333
10	6.00	7.00	47562
11	7.00	8.00	37544
12	8.00	9.00	7650

Number	Minimum Elevation	Maximum Elevation	2D Area	Color
1	-3.00	-2.00	334	Dark Red
2	-2.00	-1.00	8439	Red
3	-1.00	0.00	13210	Light Red
4	0.00	1.00	70472	Orange
5	1.00	2.00	64624	Yellow
6	2.00	3.00	58927	Light Green
7	3.00	4.00	43827	Green
8	4.00	5.00	45863	Dark Green
9	5.00	6.00	55333	Cyan
10	6.00	7.00	47562	Blue
11	7.00	8.00	37544	Magenta
12	8.00	9.00	7650	Dark Purple

CUT	687 CUBIC YARDS
FILL	59,312 CUBIC YARDS
NET	58,925 CUBIC YARDS (FILL)



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**GRATUITY BROOK FARM ESTATES
 OVERALL SITE LAYOUT**
 63 GRATUITY ROAD
 GROTON, MA

SCALE: 1" = 100'
 AUGUST 12, 2024

PREPARED FOR:
 ROUTHIER & ROPER
 GRATUITY ROAD, LLC
 256 ATER ROAD,
 LITTLETON, MA 01460

DESIGN	MJS	DRAFT	MJS	CHECK	MAW
JOB NO.	22-243	DWG. NO.	11142	SHEET	C-12
DATE	4/9/25	REVISION	SITE LAYOUT	BY	MJS