

FIELD TEST RESULTS

NO.	DATE	DEPTH	PERMEABILITY	COMMENTS
1	08/29/21	1.00'	0.000	ORIGINAL PERMEABILITY TESTING
2	08/29/21	2.00'	0.000	ORIGINAL PERMEABILITY TESTING
3	08/29/21	3.00'	0.000	ORIGINAL PERMEABILITY TESTING
4	08/29/21	4.00'	0.000	ORIGINAL PERMEABILITY TESTING
5	08/29/21	5.00'	0.000	ORIGINAL PERMEABILITY TESTING
6	08/29/21	6.00'	0.000	ORIGINAL PERMEABILITY TESTING
7	08/29/21	7.00'	0.000	ORIGINAL PERMEABILITY TESTING
8	08/29/21	8.00'	0.000	ORIGINAL PERMEABILITY TESTING
9	08/29/21	9.00'	0.000	ORIGINAL PERMEABILITY TESTING
10	08/29/21	10.00'	0.000	ORIGINAL PERMEABILITY TESTING

PERCOLATION TESTS

NO.	DATE	DEPTH	PERMEABILITY	COMMENTS
1	08/29/21	1.00'	0.000	ORIGINAL PERMEABILITY TESTING
2	08/29/21	2.00'	0.000	ORIGINAL PERMEABILITY TESTING
3	08/29/21	3.00'	0.000	ORIGINAL PERMEABILITY TESTING
4	08/29/21	4.00'	0.000	ORIGINAL PERMEABILITY TESTING
5	08/29/21	5.00'	0.000	ORIGINAL PERMEABILITY TESTING
6	08/29/21	6.00'	0.000	ORIGINAL PERMEABILITY TESTING
7	08/29/21	7.00'	0.000	ORIGINAL PERMEABILITY TESTING
8	08/29/21	8.00'	0.000	ORIGINAL PERMEABILITY TESTING
9	08/29/21	9.00'	0.000	ORIGINAL PERMEABILITY TESTING
10	08/29/21	10.00'	0.000	ORIGINAL PERMEABILITY TESTING

SOILS LEGEND

Hydrologic Group	Soil Name
A	CHARLTON loam, 2-8% Slopes
B	FLUAGENTS-LODOLVETS complex, frequently flooded
C	SUTTON loam, 3-8% Slopes

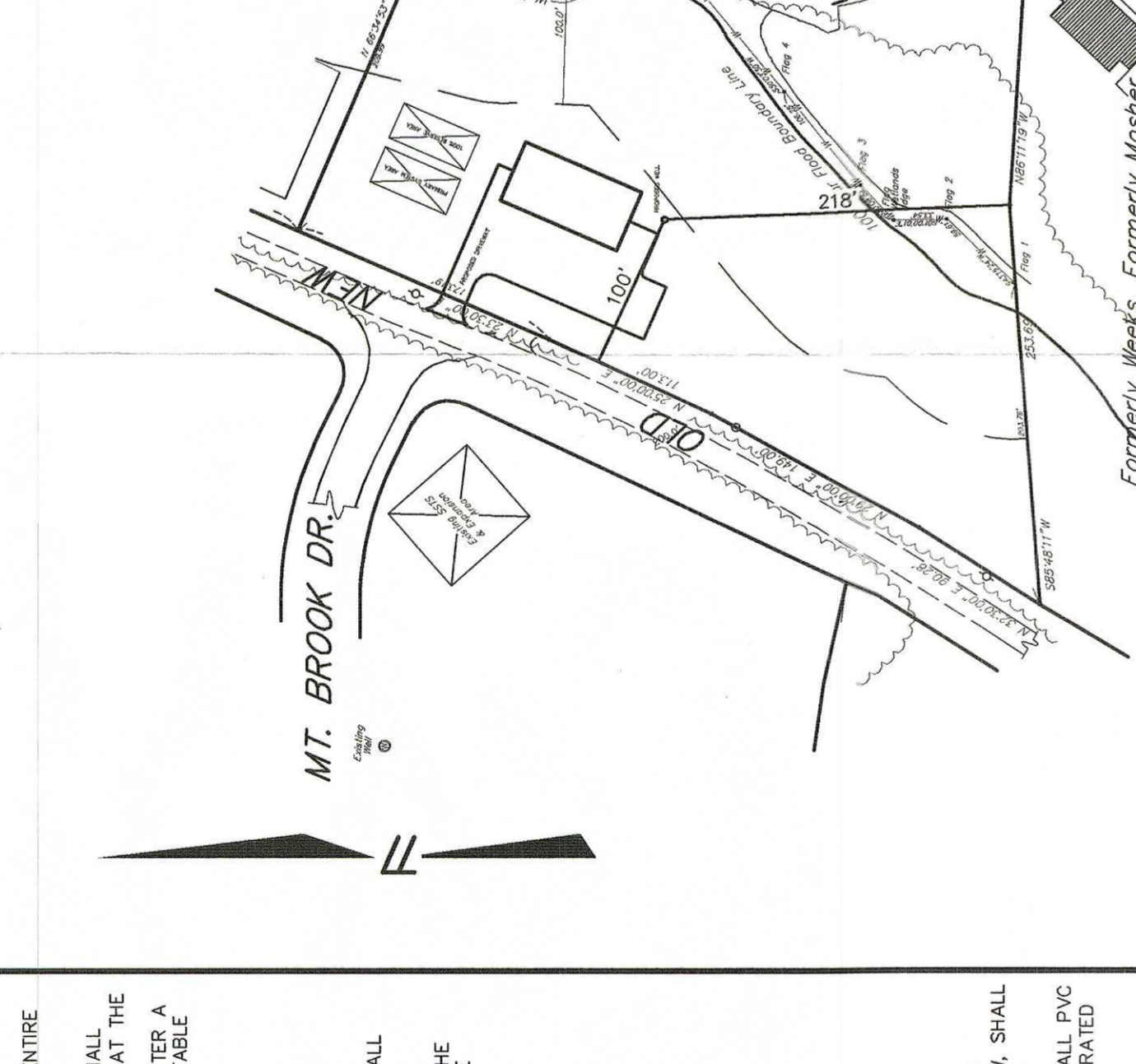
WETLANDS LEGEND

Wetland boundary lines as set forth in the DEC Wetland Determination Form (WDF) dated July 9, 1999.

Wetland boundary lines as set forth in the DEC Wetland Determination Form (WDF) dated July 9, 1999.

COMPOST FILTER SOCK

NO.	DATE	DEPTH	PERMEABILITY	COMMENTS
1	08/29/21	1.00'	0.000	ORIGINAL PERMEABILITY TESTING
2	08/29/21	2.00'	0.000	ORIGINAL PERMEABILITY TESTING
3	08/29/21	3.00'	0.000	ORIGINAL PERMEABILITY TESTING
4	08/29/21	4.00'	0.000	ORIGINAL PERMEABILITY TESTING
5	08/29/21	5.00'	0.000	ORIGINAL PERMEABILITY TESTING
6	08/29/21	6.00'	0.000	ORIGINAL PERMEABILITY TESTING
7	08/29/21	7.00'	0.000	ORIGINAL PERMEABILITY TESTING
8	08/29/21	8.00'	0.000	ORIGINAL PERMEABILITY TESTING
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10	08/29/21	10.00'	0.000	ORIGINAL PERMEABILITY TESTING



PROPOSED SSTS DESIGN

PROPOSED TWO (2) 2-BEDROOM APARTMENTS
 TWO (2) TOTAL APARTMENTS @ 220 GPD/APT
 TOTAL RESIDENTIAL USE DEMAND = 440 GPD
 NO FURTHER REDUCTION FOR ESTABLISHMENTS EQUIPPED WITH WATER-SAVING FLUORING FIXTURES

PROPOSED SIX (6) BUSINESS EMPLOYEES
 TOTAL WORKING RESIDENTIAL DEMAND = 90 GPD
 ADJUSTED COMMERCIAL DEMAND = 72 GPD

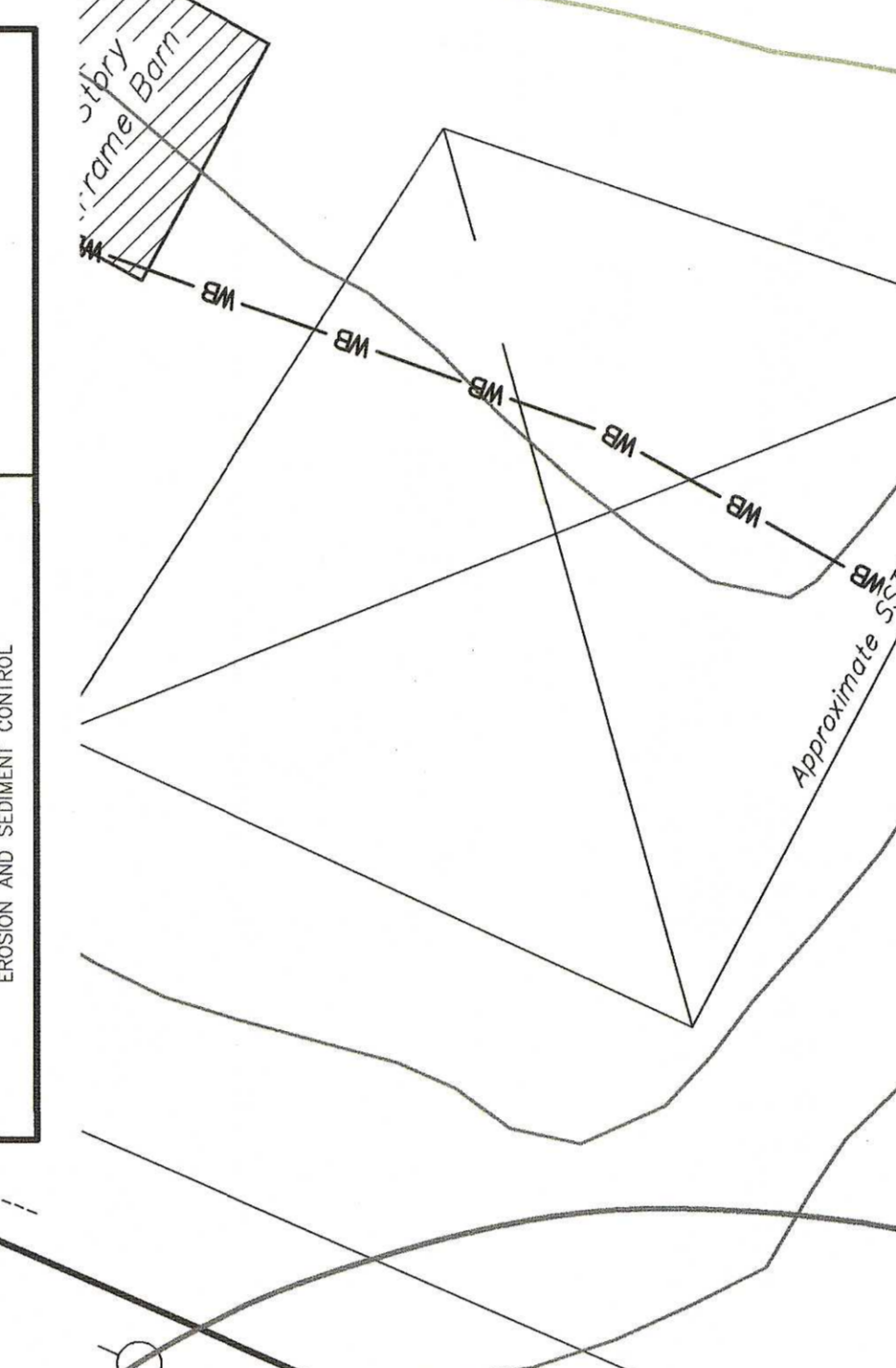
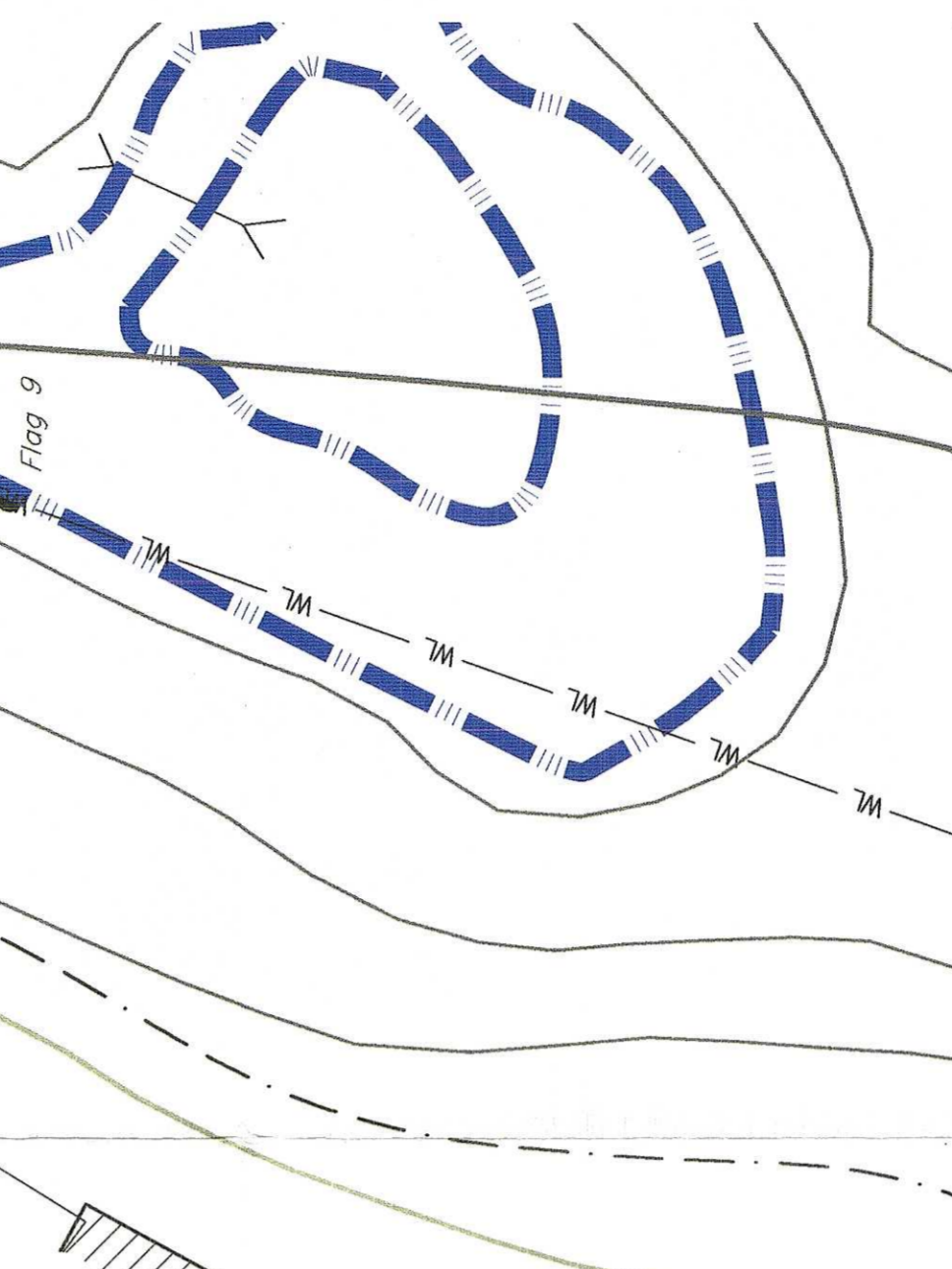
TOTAL HYDRAULIC CAPACITY OF THIS MIXED-USE BUILDING = 512 GPD

SOIL PERCOLATION RATE = 1.7 MIN/IN
 REQUIRED SWAGE ABSORPTION AREA = 512 SF
 REQUIRED LENGTH OF 2' WIDE TRENCH = 256 LF
 PROVIDE FIVE (5) LATERALS, 52'-0" LF EACH
 260 LF OF TRENCHES WILL BE INSTALLED

PROPOSED HYDRAULIC CAPACITY OF INSTALLED TRENCHES = 512 GPD
 SEPTIC TANK CAPACITY = 1.5 * DAILY DESIGN FLOW
 TOTAL HYDRAULIC CAPACITY REQUIRED = 1.5 * 512 = 768 GALLONS REQUIRED
 INSTALL ONE (1) 1000 GALLON HEAVY-DUTY SEPTIC TANK WITH 1000 GPD CAPACITY FOR PLACEMENT WITHIN 100' OF TRAFFIC LOADS

REVISIONS

DATE	DESCRIPTION
08/29/21	ORIGINAL PERMITS
08/29/21	PERMIT RENEWAL
08/29/21	PERMIT RENEWAL FOR COMMERCIAL/MIXED USE
08/29/21	PCMH COMMENTS DATED 08/28/22



SEPTIC TANK DIMENSIONS

NOMINAL SIZE	A	B	C	D	E	F	G	H	J	K	L
1000 GAL	58	102	71	56	48	9	3	9	4	8	18

