

SOILS LEGEND		
UNIT NUMBER	SOIL TYPE	NRCS HYDROLOGIC SOIL GROUP
17	TIMAKWA AND NATCHAUG SOILS, 0-3% SLOPES	B/D
29A	AGAWAM FINE SANDY LOAM, 0-3% SLOPES	B
47C	WOODBIDGE FINE SANDY LOAM, 3-15% SLOPES, EXTREMELY STONY	C/D
84B	PAXTON AND MONTAUK FINE SANDY LOAMS, 3-8% SLOPES	C
85B	PAXTON AND MONTAUK FINE SANDY LOAMS, 3-8% SLOPES	C
305	UDORTHENTS-PITS COMPLEX, GRAVELLY	C

EXISTING TR-55 CURVE NUMBERS WATERSHED AREA 'A'				
CURVE NUMBER	GROUND COVER	SOIL RATING	CN (SQ. FT.)	CN (ACRES)
98	IMPERVIOUS	N/A	746	0.02
74	GRASSED AREA (GOOD)	C	1,524	0.03
70	WOODED AREA (GOOD)	C	3,440	0.08
THE WEIGHTED CURVE NUMBER (CN) VALUE IS:		75		

EXISTING TR-55 CURVE NUMBERS WATERSHED AREA 'B'				
CURVE NUMBER	GROUND COVER	SOIL RATING	CN (SQ. FT.)	CN (ACRES)
98	IMPERVIOUS	N/A	9,522	0.22
61	GRASSED AREA (GOOD)	B	3,407	0.08
74	GRASSED AREA (GOOD)	C	3,027	0.07
55	WOODS (GOOD)	B	9,772	0.22
70	WOODS (GOOD)	C	245,945	5.65
77	WOODS (GOOD)	D	16,374	0.38
TOTAL			288,047	6.61
THE WEIGHTED CURVE NUMBER (CN) VALUE IS:		71		

60 30 0 60 120 180  
45 15  
SCALE IN FEET

**LEGEND**

- EXISTING PROPERTY/STREET LINE
- EXISTING WATERSHED BOUNDARY
- EXISTING Tc FLOW PATH
- NRCS SOIL DELINEATION LINE
- EXISTING DRAINAGE LINE
- EXISTING BUILDING TO REMAIN
- PROPOSED BUILDING
- INLAND WETLAND AREA
- LIGHTLY WOODED AREA
- LAWN AREA
- IMPERVIOUS AREA
- APPROX. EXISTING 2' CONTOUR
- EXISTING CONTOUR
- 29A NRCS SOIL UNIT NUMBER
- P1A PERCOLATION TEST LOCATION
- IP101 TEST PIT LOCATION



PLANT PREPARED BY:  
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THE EMBOSSED SEAL OF  
THE REGISTERED PROFESSIONAL ENGINEER  
MUST BE AFFIXED HERE FOR THIS  
MAP TO BE VALID

#	DATE	DESCRIPTION	BY
1	5/14/2024	REVISIONS PER TOWN ENGINEER'S COMMENTS, MISC.	MEGA

**EXISTING DRAINAGE AREA MAP**  
PREPARED FOR ORTHO SAYBROOK, LLC  
52 SPENCER PLAIN ROAD (CT ROUTE 166)  
(MAP 25 LOT 27)  
OLD SAYBROOK, CONNECTICUT

DATE:	APRIL 4, 2024
SCALE:	1"=60'
DRAWN BY:	MEGA, RG
CHECKED BY:	JW
DWG. NO.:	EDAM-1
SHEET NO.:	1 of 2
JOB NO.:	2023-1030