

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

PROPOSED TR-55 CURVE NUMBERS WATERSHED AREA 'A'				
CURVE NUMBER	GROUND COVER	SOIL RATING	CN (SQ. FT.)	CN (ACRES)
98	IMPERVIOUS	N/A	1,013	0.02
74	GRASSED AREA (GOOD)	C	1,257	0.03
70	BRUSH AREA (FAIR)	C	3,399	0.08
TOTAL			5,669	0.13

THE WEIGHTED CURVE NUMBER (CN) VALUE IS: 76

PROPOSED TR-55 CURVE NUMBERS WATERSHED AREA 'C'				
CURVE NUMBER	GROUND COVER	SOIL RATING	CN (SQ. FT.)	CN (ACRES)
98	IMPERVIOUS	N/A	77,113	1.77
96	COMPACT GRAVEL	N/A	4,080	0.09
74	GRASSED AREA (GOOD)	C	22,982	0.53
TOTAL			104,175	2.39

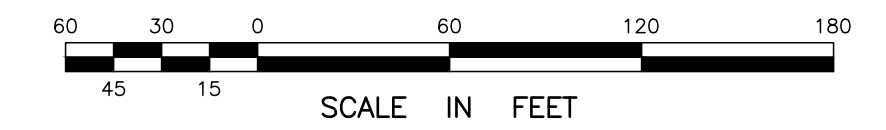
THE WEIGHTED CURVE NUMBER (CN) VALUE IS: 93

PROPOSED TR-55 CURVE NUMBERS WATERSHED AREA 'B'				
CURVE NUMBER	GROUND COVER	SOIL RATING	CN (SQ. FT.)	CN (ACRES)
98	IMPERVIOUS	N/A	4,486	0.10
61	GRASSED AREA (GOOD)	B	2,150	0.05
74	GRASSED AREA (GOOD)	C	14,744	0.34
89	GRASSED AREA (GOOD)	D	984	0.02
55	WOODED AREA (GOOD)	B	247	0.01
70	WOODED AREA (GOOD)	C	30,621	0.70
77	WOODED AREA (GOOD)	D	7,999	0.18
TOTAL			61,231	1.41

THE WEIGHTED CURVE NUMBER (CN) VALUE IS: 74

PROPOSED TR-55 CURVE NUMBERS WATERSHED AREA 'D'				
CURVE NUMBER	GROUND COVER	SOIL RATING	CN (SQ. FT.)	CN (ACRES)
98	IMPERVIOUS	N/A	9,399	0.22
96	COMPACT GRAVEL	N/A	4,248	0.10
61	GRASSED AREA (GOOD)	B	3,634	0.08
74	GRASSED AREA (GOOD)	C	39,020	0.90
89	GRASSED AREA (GOOD)	D	2,745	0.06
55	WOODED AREA (GOOD)	B	5,308	0.12
70	WOODED AREA (GOOD)	C	53,367	1.23
77	WOODED AREA (GOOD)	D	4,961	0.11
TOTAL			122,682	2.82

THE WEIGHTED CURVE NUMBER (CN) VALUE IS: 74



LEGEND

- EXISTING PROPERTY/STREET LINE
- PROPOSED WATERSHED BOUNDARY
- PROPOSED WATERSHED SUBAREA DELINEATION
- PROPOSED Tc FLOW PATH
- NRCS SOIL DELINEATION LINE
- PROPOSED BUILDING
- INLAND WETLAND AREA
- LIGHTLY WOODED AREA
- LAWN AREA
- BRUSH AREA
- COMPACT GRAVEL AREA
- IMPERVIOUS AREA
- APPROX. EXISTING 2' CONTOUR
- EXISTING CONTOUR
- PROPOSED CONTOUR
- NRCS SOIL UNIT NUMBER
- PROPOSED SPOT GRADE
- PERCOLATION TEST LOCATION
- TEST PIT LOCATION



PLAN PREPARED BY:
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THE EMBOSSED SEAL OF
INDIGO LAND DESIGN, LLC
MAY BE AFFIXED HERE FOR THIS
MAP TO BE VALID

#	DATE	BY	DESCRIPTION

PROPOSED 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: MGA, RG
CHECKED BY: JW
DWG. NO.: PDAM-1
SHEET NO.: 2 of 2
JOB. NO.: 2023-1030