

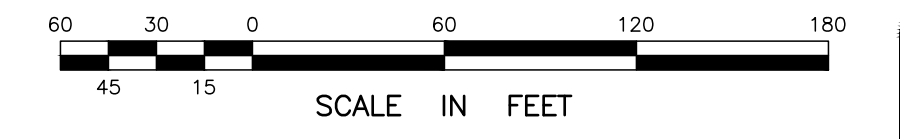
SOILS LEGEND		
UNIT NUMBER	SOIL TYPE	NRCS HYDROLOGIC SOIL GROUP
17	TIMAKWA AND NATCHAUG SOILS, 0-3% SLOPES	B/D
29A	AGAWAM FINE SANDY LOAM, 0-3% SLOPES	B
47C	WOODBIDGE FINE SANDY LOAM, 3-15% SLOPES, EXTREMELY STONY	C/D
84B	PAXTON AND MONTAUK FINE SANDY LOAMS, 3-8% SLOPES	C
85B	PAXTON AND MONTAUK FINE 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
		TOTAL	5,710	0.13

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



- ### 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
 - NRCS SOIL UNIT NUMBER
 - PERCOLATION TEST LOCATION
 - TEST PIT LOCATION



PLAN PREPARED BY:
INDIGO LAND DESIGN, LLC
JOSEPH WREN, P.E.
CT REG. NO. 21090
010 SAYBROOK, 2ND FLOOR
OLD SAYBROOK, CT 06473
PHONE: (860) 388-9343
WEB: INDIGO-LAND.COM

THE EMBOSSED SEAL OF
REGISTERED PROFESSIONAL ENGINEER
AFFIXED HERE FOR THIS
MAP TO BE VALID

#	DATE	DESCRIPTION	BY

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