

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	4,656	0.11
TOTAL			5,669	0.13

THE WEIGHTED CURVE NUMBER (CN) VALUE IS: 78

PROPOSED TR-55 CURVE NUMBERS WATERSHED AREA 'B'				
CURVE NUMBER	GROUND COVER	SOIL RATING	CN (SQ. FT.)	CN (ACRES)
98	IMPERVIOUS	N/A	4,461	0.10
61	GRASSED AREA (GOOD)	B	1,554	0.04
74	GRASSED AREA (GOOD)	C	11,849	0.27
89	GRASSED AREA (GOOD)	D	2,050	0.05
70	WOODED AREA (GOOD)	C	32,851	0.75
77	WOODED AREA (GOOD)	D	8,053	0.18
TOTAL			60,818	1.40

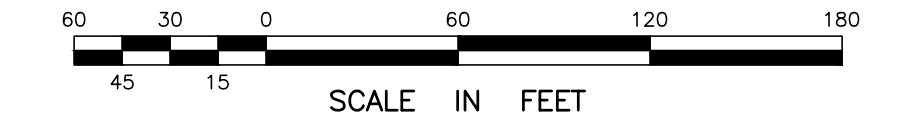
THE WEIGHTED CURVE NUMBER (CN) VALUE IS: 74

PROPOSED TR-55 CURVE NUMBERS WATERSHED AREA 'C'				
CURVE NUMBER	GROUND COVER	SOIL RATING	CN (SQ. FT.)	CN (ACRES)
98	IMPERVIOUS	N/A	78,702	1.81
96	COMPACT GRAVEL	N/A	4,150	0.10
74	GRASSED AREA (GOOD)	C	26,716	0.61
TOTAL			109,568	2.52

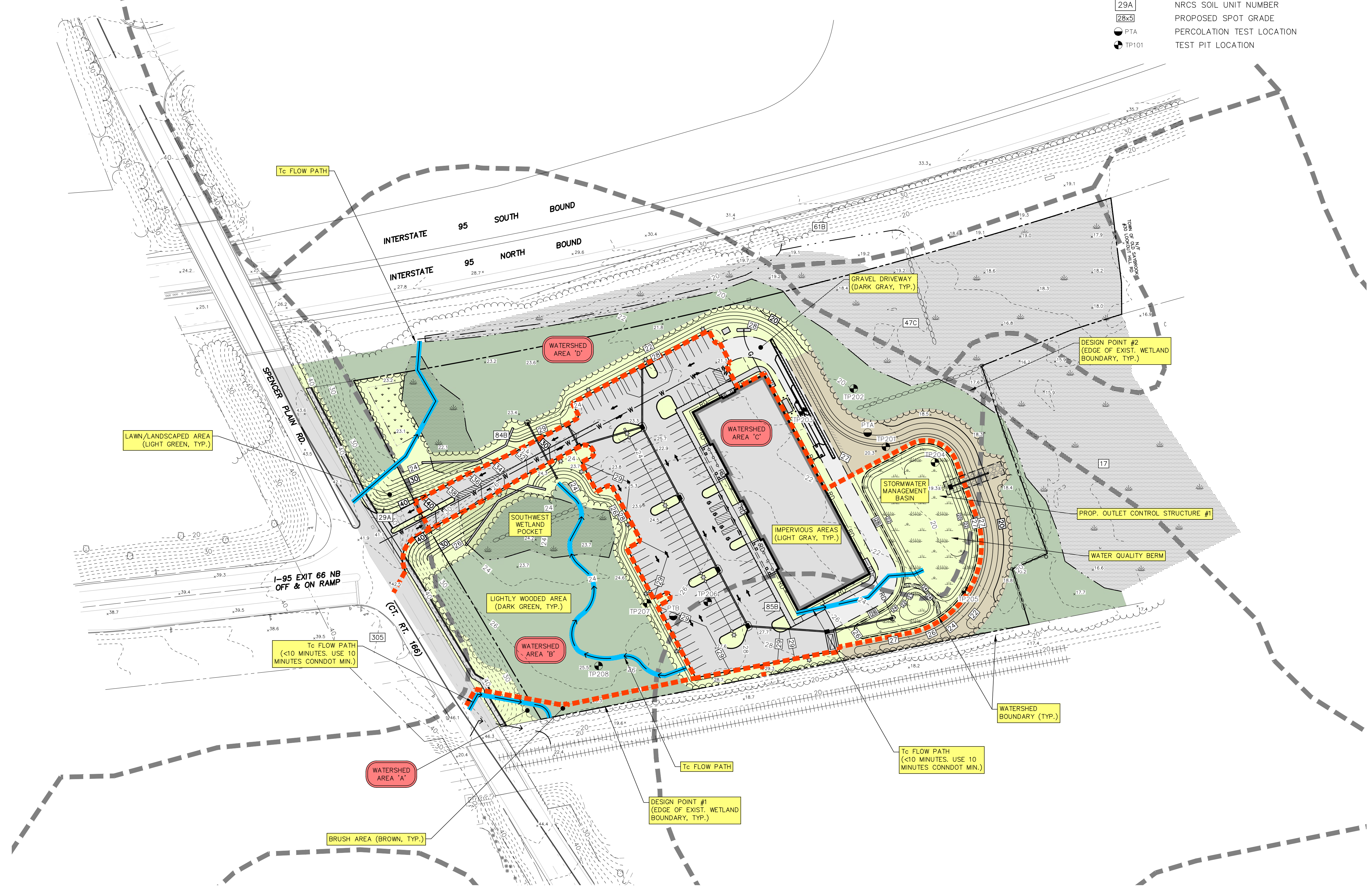
THE WEIGHTED CURVE NUMBER (CN) VALUE IS: 92

PROPOSED TR-55 CURVE NUMBERS WATERSHED AREA 'D'				
CURVE NUMBER	GROUND COVER	SOIL RATING	CN (SQ. FT.)	CN (ACRES)
98	IMPERVIOUS	N/A	9,466	0.22
96	COMPACT GRAVEL	N/A	4,178	0.10
61	GRASSED AREA (GOOD)	B	3,679	0.08
74	GRASSED AREA (GOOD)	C	17,677	0.41
89	GRASSED AREA (GOOD)	D	3,174	0.07
55	WOODED AREA (GOOD)	B	5,308	0.12
70	WOODED AREA (GOOD)	C	49,011	1.13
77	WOODED AREA (GOOD)	D	4,986	0.11
70	BRUSH AREA (FAIR)	C	20,223	0.46
TOTAL			117,702	2.70

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
THE REGISTERED PROFESSIONAL ENGINEER
MUST BE AFFIXED HERE FOR THIS
MAP TO BE VALID

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

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