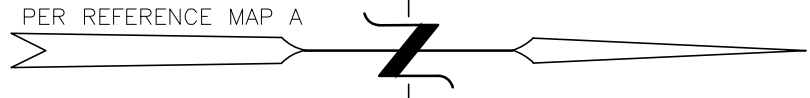


SOILS LEGEND		
UNIT NUMBER	SOIL TYPE	NRCS HYDROLOGIC SOIL GROUP
51B	SUTTON FINE SANDY LOAM, 0-8% SLOPES, VERY STONY	B/D
60B	CANTON & CHARLTON FINE SANDY LOAMS, 3-8% SLOPES	B
61B	CANTON & CHARLTON FINE SANDY LOAMS, 0-8% SLOPES, VERY STONY	B
61C	CANTON & CHARLTON FINE SANDY LOAMS, 8-15% SLOPES, VERY STONY	B
84B	PAXTON AND MONTAUK FINE SANDY LOAMS, 3-8% SLOPES	B
84C	PAXTON AND MONTAUK FINE SANDY LOAMS, 8-15% SLOPES	B



PROPOSED TR-55 CURVE NUMBERS WATERSHED AREA 1A				
CURVE NUMBER	GROUND COVER	SOIL RATING	CN (SQ. FT.)	CN (ACRES)
98	IMPERVIOUS	N/A	52,153	1.20
61	LAWN (GOOD)	B	99,907	2.29
74	LAWN (GOOD)	C	46,310	1.06
80	LAWN (GOOD)	D	272	0.01
58	MEADOW (GOOD)	B	14,238	0.33
48	BRUSH (GOOD)	B	10,209	0.23
65	BRUSH (GOOD)	C	1,216	0.03
55	WOODS (GOOD)	B	186,640	4.28
70	WOODS (GOOD)	C	104,996	2.41
77	WOODS (GOOD)	D	2,526	0.06
TOTAL			518,467	11.90

THE WEIGHTED CURVE NUMBER (CN) VALUE IS: 65

PROPOSED TR-55 CURVE NUMBERS WATERSHED AREA 1B				
CURVE NUMBER	GROUND COVER	SOIL RATING	CN (SQ. FT.)	CN (ACRES)
98	IMPERVIOUS	N/A	14,702	0.34
61	LAWN (GOOD)	B	18,555	0.43
74	LAWN (GOOD)	C	1,662	0.04
58	MEADOW (GOOD)	B	6,982	0.16
48	BRUSH (GOOD)	B	7,053	0.16
65	BRUSH (GOOD)	C	507	0.01
55	WOODS (GOOD)	B	916	0.02
TOTAL			50,377	1.16

THE WEIGHTED CURVE NUMBER (CN) VALUE IS: 70

PROPOSED TR-55 CURVE NUMBERS WATERSHED AREA 1C				
CURVE NUMBER	GROUND COVER	SOIL RATING	CN (SQ. FT.)	CN (ACRES)
98	IMPERVIOUS	N/A	44,983	1.03
61	LAWN (GOOD)	B	59,261	1.36
58	MEADOW (GOOD)	B	16,177	0.37
48	BRUSH (GOOD)	B	6,753	0.16
55	WOODS (GOOD)	B	12,451	0.29
TOTAL			139,625	3.21

THE WEIGHTED CURVE NUMBER (CN) VALUE IS: 71

PROPOSED TR-55 CURVE NUMBERS WATERSHED AREA 2				
CURVE NUMBER	GROUND COVER	SOIL RATING	CN (SQ. FT.)	CN (ACRES)
61	LAWN (GOOD)	B	10,523	0.24
TOTAL			10,523	0.24

THE WEIGHTED CURVE NUMBER (CN) VALUE IS: 61

PLAN PREPARED BY:
INDIGO LAND DESIGN, LLC
JOSEPH WREN, P.E.
CT REG. NO. 21090
100 ELLA STREET, 2ND FLOOR
OF SANBURY, CT 06487
PHONE: (860) 388-9343
WEB: INDIGO-LAND.COM

NOT FOR
CONSTRUCTION
UNTIL THIS NOTE
IS REMOVED

#	DATE	DESCRIPTION	BY

WATERSHED MAPPING (PROPOSED)
PREPARED FOR 1721, LLC
430 MOHEGAN AVENUE PARKWAY & 23B OLD NORWICH ROAD
TAX MAP 76 LOTS 10164 & 5600
WATERFORD, CONNECTICUT

DATE:
MAY 21, 2024
SCALE:
1"=50'
DRAWN BY:
CO, MA, RG, RM
CHECKED BY:
JW
DWG. NO.:
WM-2
SHEET NO.:
2 of 2
JOB. NO.:
2023-922