

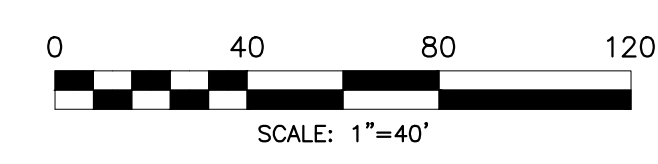
	IMPERVIOUS AREA AREA = 9,700 SF		BIOSWALE AREA AREA = 700 SF
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STORAGE VOLUME CALCULATIONS

IMPERVIOUS AREA	= 9,700 SF
RUNOFF COEFFICIENT	= 0.98 (ASPHALT)
WATER QUALITY VOLUME	= 1.2 INCHES
REQUIRED STORAGE VOLUME	= 9,700 SF X 0.1 FEET X 0.98
	= 950.6 CF REQUIRED

PROPOSED BIOSWALE AREA

AREA	= 700 SF
PONDING DEPTH	= 18 INCHES
BIOSWALE VOLUME	= 1,050 CF PROVIDED



DATE	BY	DESCRIPTION	APPRVD
REVISIONS			
INCORPORATED VILLAGE OF NORTH HAVEN 335 FERRY ROAD SAG HARBOR, N.Y. 11963			
WATER QUALITY IMPROVEMENT PROJECT BARCLAY DRIVE & SUNSET BEACH ROAD, VILLAGE OF NORTH HAVEN			
RYDER'S POND			
		THE RAYNOR GROUP, P.E. & L.S. PLLC SURVEYORS CIVIL ENGINEERS SITE PLANNERS DEERFIELD GREEN P.O. BOX 720 WATERMILL, NY 11976 (631)726-7600	
DESIGNED BY: VAG	SCALE: 1" = 40'	DWG. NO.	
DRAWN BY: RCW	DATE: 03/08/2024	SK-1	
APPROVED BY: VAG	FILE NO.: 3700.02		

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