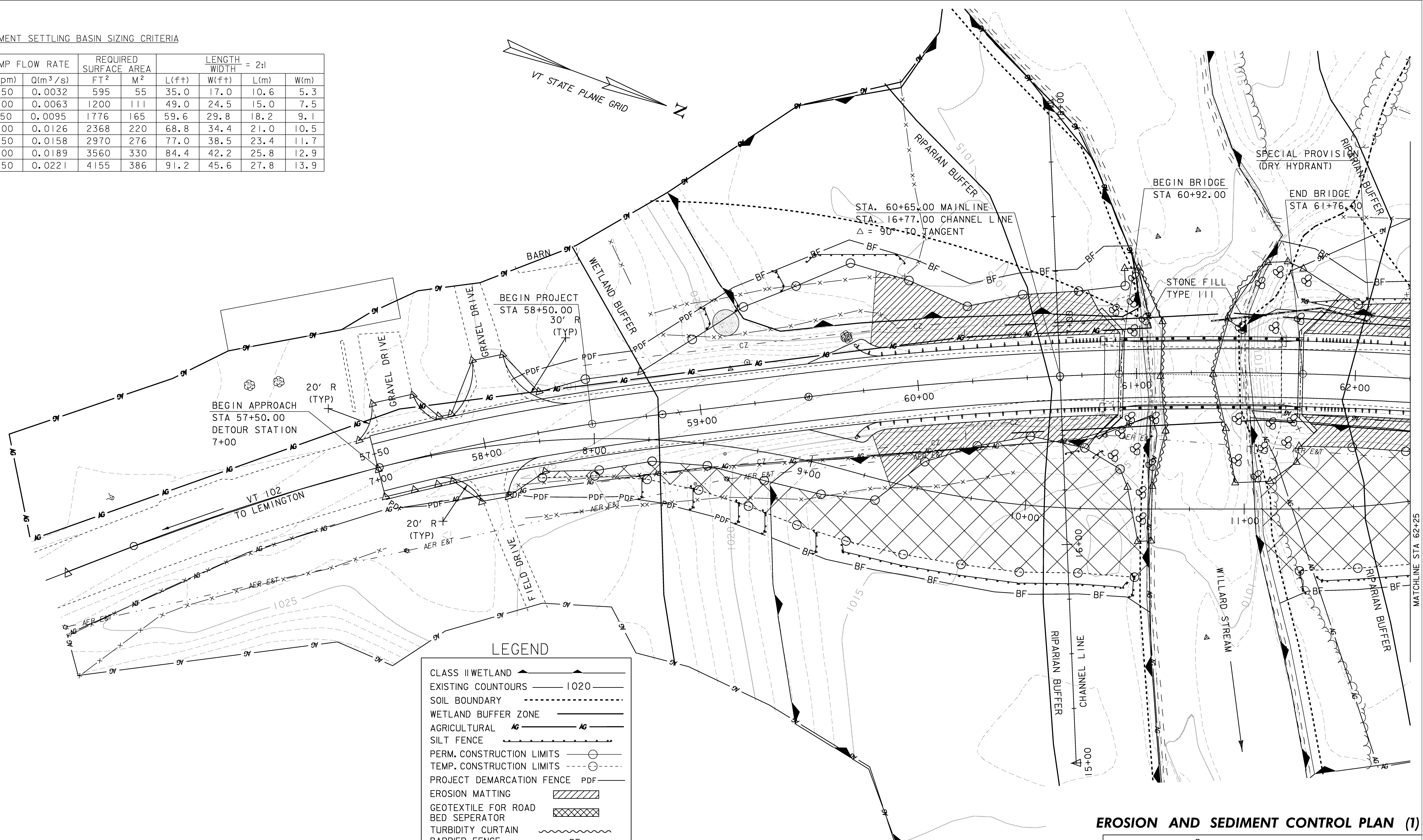


SEDIMENT SETTLING BASIN SIZING CRITERIA

PUMP FLOW RATE		REQUIRED SURFACE AREA		LENGTH = 2:l			
Q(gpm)	Q(m ³ /s)	FT ²	M ²	L(f+)	W(f+)	L(m)	W(m)
50	0.0032	595	55	35.0	17.0	10.6	5.3
100	0.0063	1200	111	49.0	24.5	15.0	7.5
150	0.0095	1776	165	59.6	29.8	18.2	9.1
200	0.0126	2368	220	68.8	34.4	21.0	10.5
250	0.0158	2970	276	77.0	38.5	23.4	11.7
300	0.0189	3560	330	84.4	42.2	25.8	12.9
350	0.0221	4155	386	91.2	45.6	27.8	13.9



LEGEND

CLASS II WETLAND	
EXISTING COUNTOURS	
SOIL BOUNDARY	
WETLAND BUFFER ZONE	
AGRICULTURAL	
SILT FENCE	
PERM. CONSTRUCTION LIMITS	
TEMP. CONSTRUCTION LIMITS	
PROJECT DEMARCATION FENCE	
EROSION MATTING	
GEOTEXTILE FOR ROAD BED SEPERATOR	
TURBIDITY CURTAIN	
BARRIER FENCE	
PROPOSED SEDIMENT DEWATERING LOCATION	

EROSION AND SEDIMENT CONTROL PLAN (1)

PROJECT NAME: Canaan	PLOT DATE: 18-AUG-2008
PROJECT NUMBER: ER ST 0271(16)	DRAWN BY: T. Husk
FILE NAME: Structures\04c098erobdr.d	CHECKED BY: S. SCRIBNER
DESIGNED BY: S. Scribner	SHEET 19 OF 66