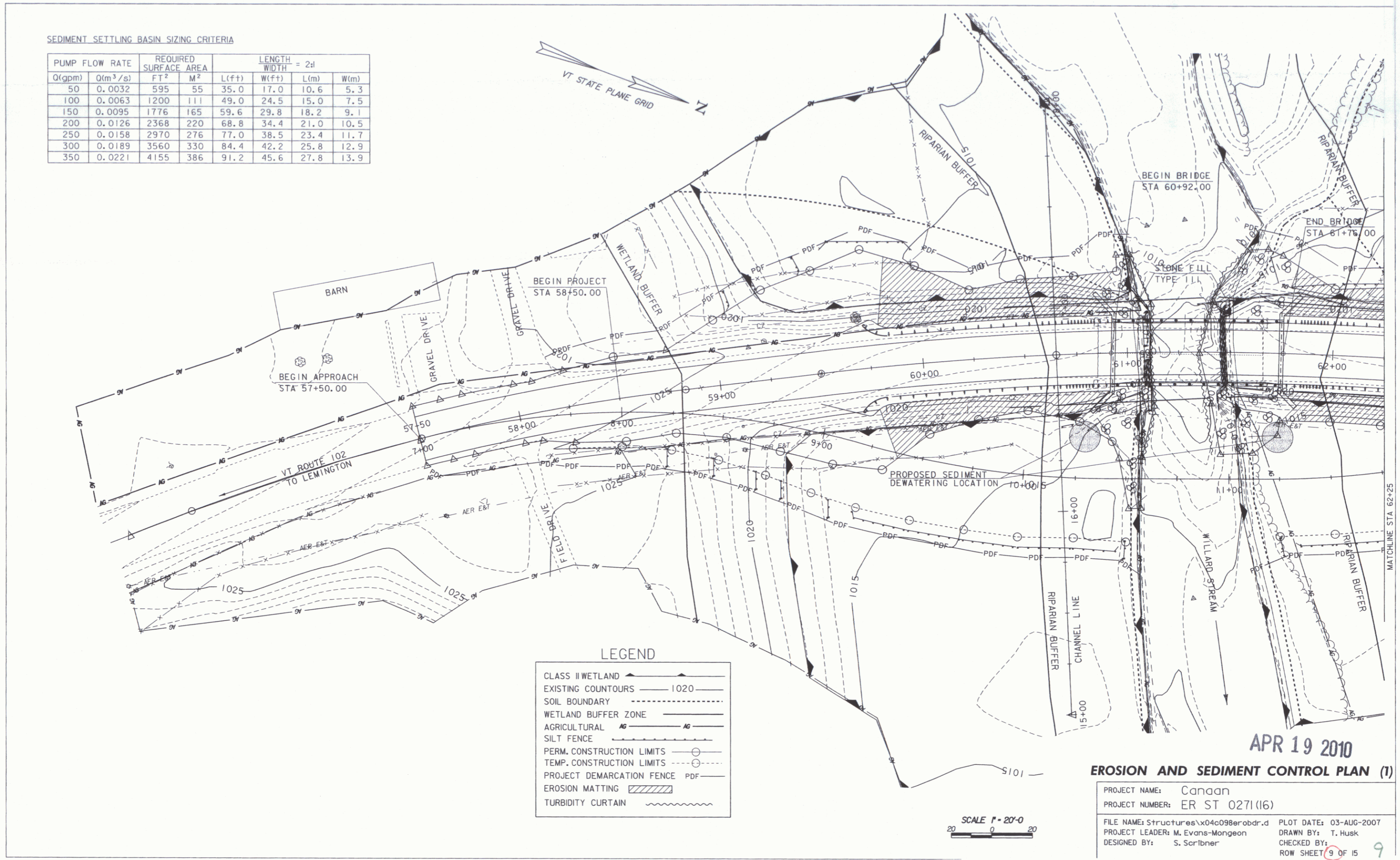


SEDIMENT SETTLING BASIN SIZING CRITERIA

PUMP FLOW RATE	Q(m <sup>3</sup> /s)	REQUIRED SURFACE AREA		LENGTH WIDTH = 2d			
		FT <sup>2</sup>	M <sup>2</sup>	L(ft)	W(ft)	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	(Symbol)
EXISTING CONTOURS	1020
SOIL BOUNDARY	(Symbol)
WETLAND BUFFER ZONE	(Symbol)
AGRICULTURAL	AG
SILT FENCE	(Symbol)
PERM. CONSTRUCTION LIMITS	(Symbol)
TEMP. CONSTRUCTION LIMITS	(Symbol)
PROJECT DEMARCATION FENCE	PDF
EROSION MATTING	(Symbol)
TURBIDITY CURTAIN	(Symbol)

SCALE 1" = 20'-0"

APR 19 2010

**EROSION AND SEDIMENT CONTROL PLAN (1)**

PROJECT NAME: Canaan  
 PROJECT NUMBER: ER ST 0271(16)  
 FILE NAME: Structures\X04c098erobdr.d PLOT DATE: 03-AUG-2007  
 PROJECT LEADER: M. Evans-Mongeon DRAWN BY: T. Husk  
 DESIGNED BY: S. Scribner CHECKED BY:  
 ROW SHEET 9 OF 15