

LEGEND

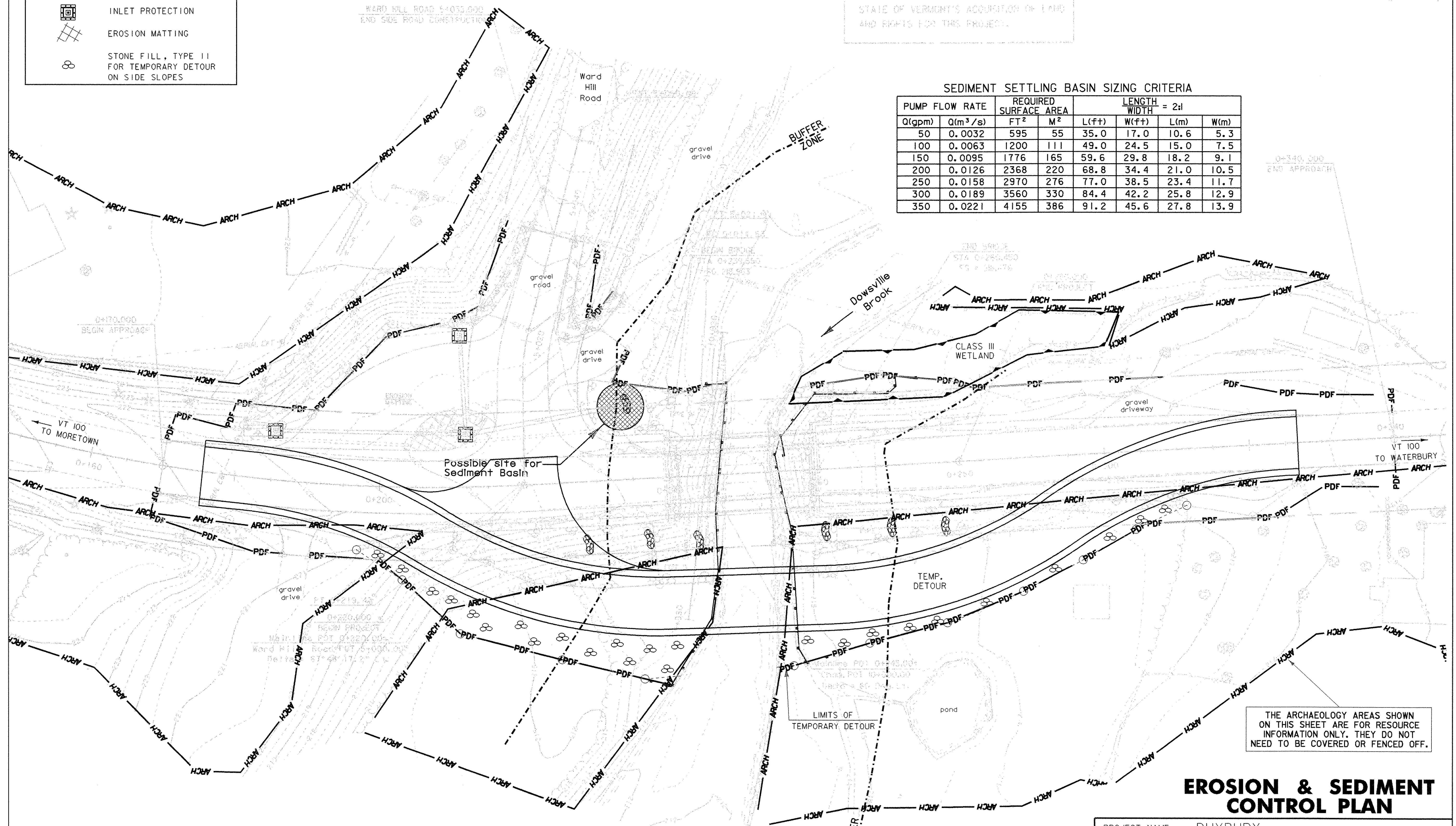
- SILT FENCE
- PROJECT BOUNDARY DEMARCATION FENCE (SNOW FENCE (MOD. -PDF))
- STONE CHECK DAM
- INLET PROTECTION
- EROSION MATTING
- STONE FILL, TYPE II FOR TEMPORARY DETOUR ON SIDE SLOPES

LINE SHOWN ON THIS PLAN AN EXISTING PROPERTY LINES (PA) ARE BELIEVED TO BE ACCURATE BUT SHOULD NOT BE RELIED UPON FOR PURPOSES UNRELATED TO THE STATE OF VERMONT'S ACQUISITION OF LAND AND RIGHTS FOR THIS PROJECT.

VT STATE PLAIN GRID

SEDIMENT SETTLING BASIN SIZING CRITERIA

PUMP FLOW RATE Q(gpm)	Q(m ³ /s)	REQUIRED SURFACE AREA		LENGTH = 2d			
		FT ²	M ²	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

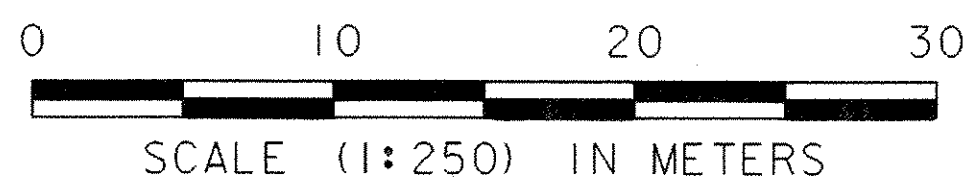


THE ARCHAEOLOGY AREAS SHOWN ON THIS SHEET ARE FOR RESOURCE INFORMATION ONLY. THEY DO NOT NEED TO BE COVERED OR FENCED OFF.

IMPACTS WITHIN THE BUFFER ZONE SHALL BE MINIMIZED.

EROSION & SEDIMENT CONTROL PLAN

DATUM
 VERTICAL NAVD88
 HORIZONTAL NAD 83 (1992)



PROJECT NAME: DUXBURY
 PROJECT NUMBER: STP 013-4(24)
 FILE NAME: /str5/86e059/se059ec.dgn PLOT DATE: 20-OCT-2005
 PROJECT LEADER: C. KELLER DRAWN BY: J. GILMORE
 DESIGNED BY: B. NYQUIST CHECKED BY: T. SUMNER
 se059ec4.i SHEET 22 OF 62