

NEW DRAINAGE PIPES		
PIPE #	LOCATION	COMMENTS
500	NB 6+425.2 RT - NB 6+440.0	600 X 40.2 m PIPE OPTION 2. CONST. END SECTION AND STONE FILL TYPE II AT OUTLET (SEE SWM-3 FOR DETAILS)
500A	NB 6+440.0 RT	750 X 1.95 m RISER PIPE OPTION 2. CONST. RISER BASE + CONST. ANTI-VORTEX DEVICE (SEE SWM-3 FOR DETAILS)
503	NB 6+485.0 - NB 6+595.0 RT	900 X 110.4 ^{81.0} m PIPE OPTION 2 CONST STONE FILL TYPE I OUTLET PROTECTION

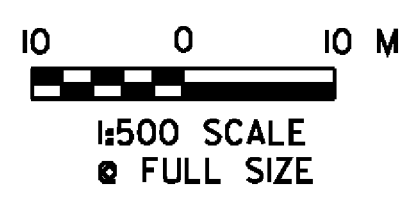
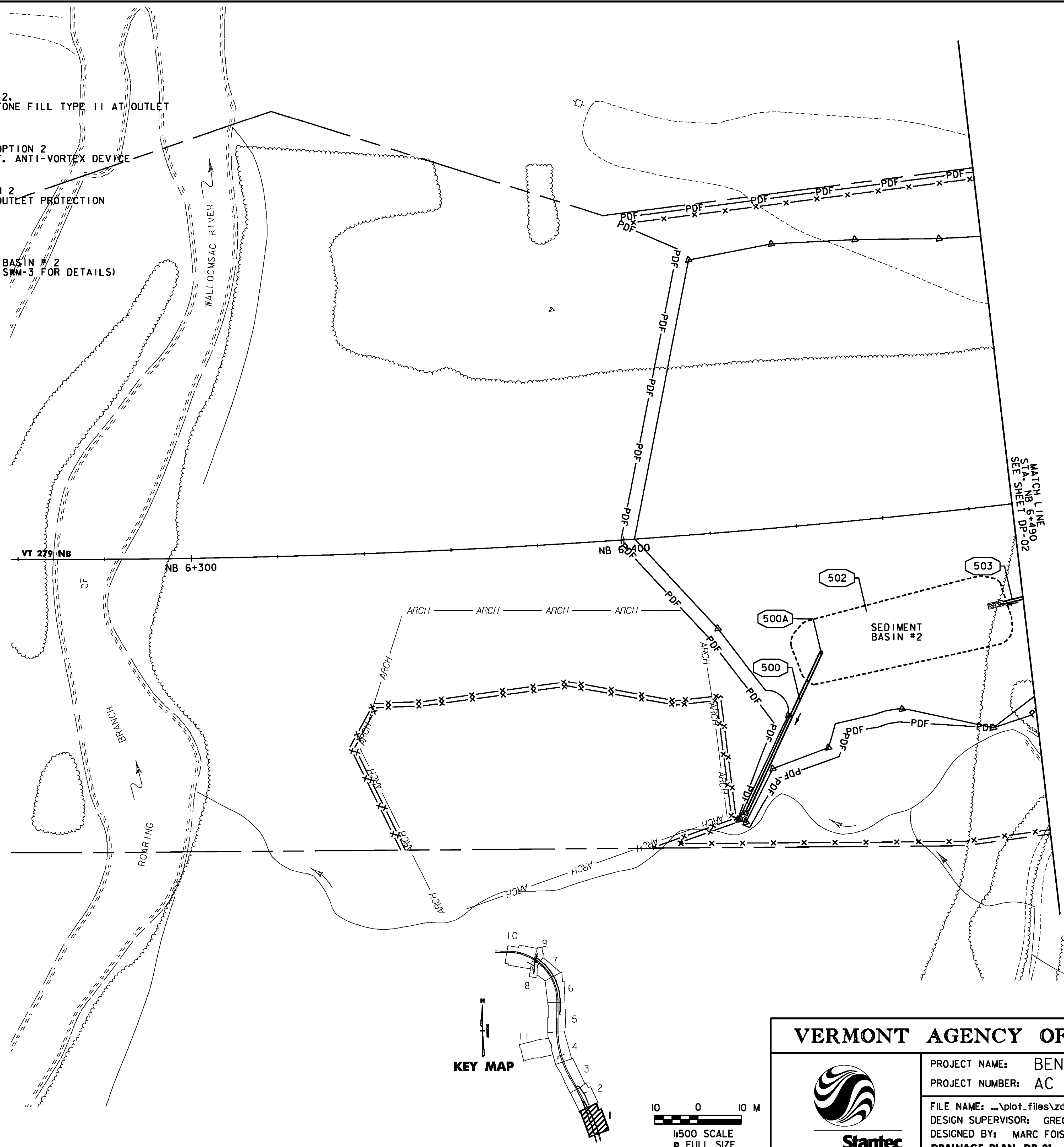
STORMWATER MANAGEMENT		
STRUCTURE #	LOCATION	COMMENTS
502	NB 6+436.3 - NB 6+485.0 RT	CONST. SEDIMENTATION BASIN # 2 (SEE SHEET SWM-2 AND SWM-3 FOR DETAILS)

NOTES:

1. SEE STORMWATER MANAGEMENT DETAILS SWM-5 FOR DIMENSIONS AND CONSTRUCTION DETAILS OF STONE OUTLET PROTECTION.
2. SEE STORMWATER MANAGEMENT DETAILS SHEETS 2 AND 3 FOR SEDIMENTATION BASIN CONSTRUCTION DETAILS
3. SEDIMENT BASIN # 2 TO REMAIN IN PLACE AFTER COMPLETION OF THIS PROJECT.

PROPOSED STORMDRAIN PIPES WHICH CROSS MATCHLINES ARE NOTED AND IDENTIFIED WITH A PIPE NUMBER AND LEADER ON THE FIRST SHEET WHERE THE PIPE OCCURS. FOR UNDERDRAIN, THE FLUSHING BASIN OR CLEAN-OUT PORTION OF THE NOTE OCCURS ON THE APPROPRIATE SHEET. FOR CLARITY ON SUBSEQUENT SHEETS, THE PIPE IS IDENTIFIED WITH THE PIPE NUMBER AND LEADER, BUT THE PIPE NOTE IS NOT REPEATED.

LEGEND	
	STORM DRAIN (SHOWING DIRECTION OF FLOW)
	UNDERDRAIN (SHOWING DIRECTION OF FLOW)
	DROP INLET (1200 x 1200)
	DROP INLET (1200 x 1800)
	PRECAST REINFORCED CONCRETE DROP INLET
	CATCH BASIN
	UNDERDRAIN FLUSHING BASIN (SEE VTRANS STANDARD D-30)
	STORM DRAIN WITH HEADWALL
	STORM DRAIN WITH END SECTION
	PERMANENT STONE CHECK DAM, TYPE I



VERMONT AGENCY OF TRANSPORTATION			
	PROJECT NAME: BENNINGTON		
	PROJECT NUMBER: AC NH 019-1(52)		
	FILE NAME: ...\\plot-files\zd307c2dp01.prf	PLOT DATE: 5/16/2011	
	DESIGN SUPERVISOR: GREG EDWARDS	DRAWN BY: STANTEC	
	DESIGNED BY: MARC FOISY	CHECKED BY: GARY SANTY	
	DRAINAGE PLAN DP-01	SHEET 81 OF 267	

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