STATE OF VERMONT
AGENCY OF TRANSPORTATION

FINAL

DRAINAGE ~~DETAIL~~ SUMMARY SHEET

Metric

DRAINAGE STRUCTURES

	STATION km + m	STATION km + m	POS.	ASKEW	INLET/OUTLET TYPE: INLET	INLET/OUTLET TYPE: OUTLET	DITCH: IN	DITCH: OUT	PIPE ARCH: SPAN mm	PIPE ARCH: RISE mm	PIPE ARCH: L m	PIPE: D mm	PIPE: L m	ALLOWABLE OPTIONS: PCCSP mm	CAAP mm	RCP CL	CSP mm	CREP SL mm	PCCSP PI mm	PIPE ELBOW NO. DEG	ES EA	CB EA	PRCD I (604.30)	DEPTH DI mm	CONC CL B m³	REINF STEEL kg	DI GRATE TYPE	CHAN ELEV EA	CRM m³	TRENCH EXCAVATION (204.20): EARTH m³	TRENCH EXCAVATION (204.21): ROCK m³	COMM EXC m³	UNC CHAN EXC m³	STRUCT EXCAV m³	GRAN BKFILL STRUCT (204.30) m³	GRAN BORR m³	EROS MATT m³	STONE FILL (613.10/613.11): m³	STONE FILL: TYPE	MARKER POSTS (619.17): LT ea	MARKER POSTS: RT ea	GEOT. UNDER SF (649.31) m²	SOLID ROCK EXCAVATION (203.16)	REMARKS
DN#1	10+248	10+248	8.4m LT 12.6m RT	90°								600	21.8					X					1				A			16.6	Ø				Ø			0.97	I			4.2		DRAINAGE BOOK 2 PAGE 10. DRAINAGE NOTE 1 INSTALLED 10/4/06 STW
DN#2	10+292	10+294	9.0 LT 3.0 RT																											9.0	1.63				Ø										REMOVE EXISTING 450mm CREP & DI DRAINAGE BOOK 2 PAGE 14 REMOVED 10/4/06 STW
DN#3	10+260	10+264	10.0 LT 10.0 LT																																										
DN#4	10+322	10+322	18.3 LT 1.0 LT																																										REMOVE EXISTING 300mm RCP BOOK 2 PAGE 18 REMOVED 10/5/06 STW
DN#5	10+333	10+337	10.4 LT 10.3 LT									375	13.0					X												14.0	1.63				Ø										REMOVE EXISTING 450mm x 18 CREP W/ DI BOOK 2 PAGE 22 REMOVED 10/5/06 STW
DN#6	10+353	10+368	10.9 LT 10.3 LT									450	15.0					X												9.3	Ø				Ø										NEW 375mm x 13 CREP BOOK 2 PAGE 26 INSTALLED 10/5/06 STW
DN#7	10+363	10+378	27.0 LT 23.0 LT																											12.8	Ø				Ø										NEW 450mm x 15 CREP BOOK 2 PAGE 34 INSTALLED 10/6/06 STW
DN#8	℄ 1+140	℄ 10+379	℄ 5.0 RT ⌀ 10.3 LT																											23.9	2.45				Ø										REMOVE EXISTING 450mm x 17 RCP BOOK 2 PAGE 38 REMOVED 10/6/06 STW
DN#9	10+378	10+378	23.0 LT 9.0 LT																																			12.8	I			42.8		NEW STONE LINED DITCH BOOK 2 PAGE 46 INSTALLED 10/12/06 STW
DN#10	10+378	10+468	10.3 LT 15.0 LT																											7.5	1.45				Ø										REMOVE EXISTING 450mm x 14.0 RCP BOOK 2 PAGE 50 REMOVED 10/6/06 STW
DN#11	10+474	10+474	27.2 LT 11.4 LT																																			81.0	I			270.0		NEW STONE LINED DITCH BOOK 2 PAGE 54 INSTALLED 10/12/06 STW
DN#12	ALBURGH SPRINGS 0+013	0+040	13.5 LT 11.3 LT																											30.8	Ø				Ø										REMOVE EXISTING CREP BOOK 2 PAGE 58 REMOVED 10/13/06 STW
DN#13	⌀ 10+468	10+468	16.1 LT 17.6 RT									600	33.7					X																				24.3	I			81.0		NEW STONE LINED DITCH BOOK 2 PAGE 62 INSTALLED 10/12/06 STW
DN#14	ALBURGH SPRINGS 0+016	0+027	11.0 LT 20.0 RT	70.5° RT								450	34.0					X												10.5	Ø				Ø			3.6	I			Ø		NEW 600mm x 34m CREP BOOK 2 PAGE 66 COMPLETED INSTALL 10/10/06 STW
DN#15	⌀ 10+516	10+518	7.8 LT 29.0 LT																											58.9	Ø				Ø										NEW 450mm x 33m CREP BOOK 2 PAGE 70 INSTALLED 10/13/06 STW
DN#16	10+570	10+590	13.4 RT 12.2 RT																											18.1	Ø				Ø										REMOVE EXISTING 450mm CREP BOOK 2 PAGE 74 REMOVED ON 10/19/06 STW
DN#17	10+590	10+640	12.7 RT 13.5 RT																																			10.8	I			36.0		NEW STONE LINED DITCH BOOK 2 PAGE 78 INSTALLED 9/21/04 CWG
DN#18	10+688	10+688	20.0 LT 7.5 LT																																			116.5	I			436.0		NEW STONE LINED DITCH BOOK 2 PAGE 82 INSTALLED 9/21/04 CWG
DN#19	10+688	10+688	20.0 LT 11.3 LT																											5.3	0.70				Ø										REMOVE EXISTING 300mm RCP + HEADWALL BOOK 2 PAGE 90 REMOVED 7/5/07 STW
DN#20	10+753	10+772	13.1 LT 14.6 LT									450	20.0					X																				Ø	I					NEW STONE LINED DITCH BOOK 2 PAGE 94 ELIMINATED 7/5/07 STW
DN#21	10+756	10+770	12.5 RT									375	12.5					X												27.2	12.0				25.2			2.4	I			8.0		NEW 450mm CREP BOOK 2 PAGE 102 INSTALLED 9-14-07 JPD/STW
DN#22	10+800	10+800	12.6 RT 15.8 LT									450	28.4					X												Ø	40.0				3.0	JPD 12-13-07								NEW 375mm CREP BOOK 2 PAGE 106 INSTALLED 9/22/04 CWG
DN#23	10+844	10+844	11.0 LT 25.0 LT																											23.1	Ø				Ø			0.6	I			2.6		NEW 450mm CREP BOOK 2 PAGE 114 COMPLETED 9-11-07 STW
DN#24	10+848	10+857	8.0 RT 15.0 RT																											7.1	Ø				Ø										REMOVE EXISTING 300mm RCP + HEADWALL BOOK 2 PAGE 118 REMOVED 9-10-07 CRUMBLED. NO SOLID ROCK. STW
DN#25	10+860	10+870	19.3 LT 17.7 LT																											12.1	Ø				Ø										REMOVE EXISTING 300mm CMP BOOK 2 PAGE 122 REMOVED DURING 2005 SEASON
																																													NEW GRASS LINED SWALE INSTALLED 9-10-07 STW
DN#26	10+865	10+865	8.2 LT 8.3 RT	90°								450	11.4	X									1				D			Ø	Ø				10.8			Ø				Ø		NEW 450mm PCCSP W/RGII BOOK 2 PAGE 130 INSTALLED 8-22-06 STW
TOTALS																							2							286.2	59.86				39.0			253.0	I			879.6	Ø	
601.0415	450mm PCCSP													11.4																						JPD 12-13-07							TO BHIC 8.124		
601.2610	375mm CREP														25.2																														
601.2615	450mm CREP															97.4																													
601.2620	600mm CREP																55.5																												

PROJECT NAME : MISSISQUOI BAY
ALBURGH - SWANTON

PROJECT NO. : BRF 036-1(1)

DESIGN FILE NAME:
IPARM FILE NAME:
SURVEYED BY:
SQUAD LEADER:

PLOT DATE: 04-FEB-2005
SURVEY DATE:
DRAWN BY:
SHEET: 1 OF 2