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 mm	CSP mm	CPEP SL mm	PCCSP PI mm	PIPE ELBOW NO. DEG	ES EA	CB EA	PRCDI	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	GEOTEXT. UNDER STONE FILL (649.31)	SOLID ROCK EXCAVATION (203.16)	REMARKS
DN#27	10+865	10+865	6.3 LT 16.3 LT									450'	9.8'	X'									1'				D'			11.7'	ø'				ø'			3.2'	I'			10.8'		NEW 450mm PCCSP Book 2 PAGE 134. INSTALLED ON 8/23/06 + 9/10/07 STW
DN#28	10+870	10+917	17.7 LT 17.0 LT																											2.8'								10.4	I'			30.6'		NEW GRASS LINED SWALE W/ STONE DAMS Book 2 PAGE 138. INSTALLED 9/10/07 STW
DN#29	10+920	10+925	18.2 LT 24.4 LT									600'	8.0'					X'												9.3'	ø'				4.2'			0.4'	I'			ø'		NEW 600mm CPEP Book 2 PAGE 142. INSTALLED 9/10/07 STW
DN#30	12+110	12+110	6.3 RT 6.3 LT	90°								450'	11.8'	X'									1'				D'			ø'	ø'				9.3'										NEW 450mm PCCSP W/ RCDI Book 2A PAGE 10 INSTALLED 11/13/06 P.D.
DN#31	12+110	12+110	6.3 LT 18.3 LT									450'	5.1'	X'									1'				D'			0.7 ø'	ø'				6.5'			0.7'	I'			ø'		NEW 450mm PCCSP W/ RCDI Book 2A PAGE 14 INSTALLED 11/13/06 P.D.
DN#32	12+100	12+150	16.0 LT 15.4 LT																																			2.7'	I'			10.9'		NEW GRASS LINED SWALE W/ STONE DAMS Book 2A PAGE 18 INSTALLED 9/4/07 STW
DN#33	12+148	12+148	18.8 LT 27.6 LT									600'	11.0'					X'												14.1'	ø'				11.6'			ø'	II'					NEW 600mm CPEP Book 2A PAGE 22 INSTALLED 9/4/07 STW
DN#34	12+150	12+160	16.9 RT 19.9 RT																																			26.4'	II'			ø'		NEW STONE FILL, TYPE II DITCH Book 2A PAGE 26 INSTALLED 5/25/07 RJU
DN#35	12+254	12+255	15.6 LT 26.3 LT																											13.6'	ø'				ø'									REMOVE EXISTING 450mm CGMP Book 2A PAGE 30 REMOVED 6/7/07 STW
DN#36	12+285	12+300	15.0 RT 18.0 LT									600'	32.0'					X												18.6'	ø'				3.6'			9.0'	I'			30.0'		NEW 600mm CPEP Book 2A PAGE 34 INSTALLED 9/23/04 CNG
DN#37	12+287	12+301	30.0 LT 30.6 LT																											14.6'	ø'				ø'									REMOVE EXISTING 450 CGMP Book 2A PAGE 38 REMOVED 6/7/07 STW
DN#38	12+668	12+668	6.5 LT 6.0 RT																																									REMOVE EXISTING 450 mm CGMP Book 2A PAGE 42 REMOVED 5/13/07 STW
DN#39	12+668	12+668	11.3 LT 8.0 RT									450	20.1					X'												11.4'	ø'				ø'									NEW 450mm CPEP Book 2A PAGE 46 INSTALLED 5/14/07 STW
	ALBURGH SPRINGS Road TR2																																											
DN#40	0+076	0+070	9.5 LT 12.2 RT									600'	22.0'					X'												17.8'	ø'				ø'			4.8'	I'			16.0'		NEW 600mm CPEP Book 2A PAGE 52 INSTALLED 10/12/06 STW
DN#41	0+076	0+104	9.5 LT 7.0 LT																																			25.7'	I'			84.0'	18.0'	NEW STONE LINED DITCH Book 2A PAGE 56 INSTALLED 10/30/06 STW
DN#42	0+104	0+114	7.5 LT									375'	11.0'					X												1.4'	8.70'				9.0'									NEW 375mm CPEP Book 2A PAGE 60 INSTALLED 10/30/06 STW
DN#43	0+114	0+130	7.0 LT 5.6 LT																																			3.2'	I'				12.4'	NEW STONE LINED DITCH Book 2A PAGE 64 INSTALLED 10/30/06 STW
DN#44	0+132	0+132	5.0 LT/RT																																									REMOVE EXISTING 300mm CMP Book 2A PAGE REMOVED 10/17/06 STW
DN#45	0+076	℄ 1+025	9.5 LT 6.1 RT																																			22.1'	I'			73.5'		NEW STONE LINED DITCH Book 2A PAGE 74 INSTALLED 10/30/06 STW
DN#46	℄ 1+021	℄ 1+024	16.0 RT 13.8 RT																											3.8'														REMOVE EXISTING 300mm CMP Book 2A PAGE 78 REMOVED 10/30/06 STW
DN#47	℄ 1+025	℄ 1+040	6.1 RT 5.8 RT																																			7.4'	I'			24.6'		NEW STONE LINED DITCH Book 2A PAGE 82 INSTALLED 10/31/06 STW
DN#48	℄ 1+122	℄ 1+133	4.6 RT									375'	11.0'					X'												6.8'	ø'				ø'									NEW 375mm CPEP Book 2A PAGE 86 INSTALLED 10/31/06 STW
																																						TYPE I	TYPE II					
TOTALS																							3'							125.4 1266	8.70				44.2'			89.6'	26.4'			280.4 TO BK IC P.124	30.4'	
601.0415	450mm PCCSP													26.7'																														
601.2610	375mm CPEP														22.0'																													
601.2615	450mm CPEP															20.1'																												
601.2620	600mm CPEP																73.0'																											
SHEET 1	TOTALS :													11.4'	25.2'	97.4'	55.5'						2'							286.2	58.85 58.86				39.7			253.0	ø'					
DRAINAGE	TOTALS :													38.1'	47.2'	117.5'	128.5'						5'							412.8	67.55				83.2			342.6 TO BK IC P.106	26.4' TO BK IC P.112					

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: 2 OF 2