STATE OF VERMONT
AGENCY OF TRANSPORTATION

DRAINAGE DETAIL SHEET

VAOT Metric

DRAINAGE STRUCTURES

DRAINAGE FLAG NO.	STATION km + m	STATION km + m	POS.	ASKEW	INLET/OUTLET TYPE		DITCH		PIPE ARCH			PIPE		ALLOWABLE OPTIONS						PIPE ELBOW	ES	CB	PRCCDI	DEPTH DI	CONC CL B	REINF STEEL	DI GRATE	CHAN ELEV	CRM	TRENCH EXCAVATION		COMM EXC	UNC CHAN EXC	STRUCT EXCAV	GRAN BKFILL STRUCT	GRAN BORR	EROS MATT	STONE FILL		MARKER POSTS		REMARKS
					INLET	OUTLET	IN	OUT	SPAN mm	RISE mm	L m	D mm	L m	PCCSP mm	CAAP mm	RCP CL	CSP mm	CPEP SL	PCCSP PI mm	NO. DEG	EA	EA		mm	m^3	kg	TYPE	EA	m^3	EARTH m^3	ROCK m^3	m^3	m^3	m^3	m^3	m^3	m^2	m^3	TYPE	LT ea	RT ea	
1	20+011.8	20+006.2	LT/RT																																					REMOVE SECTION OF EXISTING 310mm PIPE (PAY FOR REMOVAL UNDER TRENCH EXCAVATION OF NEW PIPE)
2	20+025.4		LT																										2											REMOVE EXISTING RCDI
3	20+006.4	20+025.3	RT																										6											REMOVE EXISTING 310mm PIPE
4	30+006.5		LT																																					REMOVE EXISTING RCDI (PAY FOR REMOVAL UNDER TRENCH EXCAVATION OF NEW RCDI)
5	30+006.6	30+015.6	LT/RT																																					REMOVE EXISTING 310mm PIPE (PAY FOR REMOVAL UNDER TRENCH EXCAVATION OF NEW PIPE)
6	10+030.0	10+063.6	LT			RCDI																									20						21	1			NEW STONE LINED DITCH
7	20+011.8	20+045.3	LT			RCDI																									20						19	1			NEW STONE LINED DITCH
8	20+011.8		LT				X																	1200	1.75	101	I-D			5											NEW 1200 X 1200 RCDI
9	20+007.6	20+011.7	RT/LT		RCDI	RCDI						450	15.8			111	1.63	X												17											NEW 450mm OPTION PIPE
10	20+007.5		RT																					1950	2.56	139	I-D			5											NEW 1200 X 1200 RCDI
11	20+006.3	20+007.5	RT		RCDI	RCDI						450	4.3			111	1.63	X												4											NEW 450mm OPTION PIPE
12	30+006.1		LT				X																	1650	2.23	122	I-D			1	2										NEW 1200 X 1200 RCDI
13	30+006.2	30+010.9	LT/RT		RCDI	RCDI						450	8.5			111	1.63	X												13											NEW 450mm OPTION PIPE
14	30+011.0		RT																					2250	2.88	156	I-D			6											NEW 1200 X 1200 RCDI
15	30+011.1	30+018.9	RT		RCDI	CHAN		X				450	14.0			111	1.63	X												11										X	NEW 450mm OPTION PIPE - OUTLET INTO WHETSTONE BROOK
16	10+076.0		RT																					2100	2.72	153	I-D			4											NEW 1200 X 1200 RCDI
17	10+076.1	10+095.2	RT		RCDI	CHAN		X				450	17.7			111	1.63	X												25										X	NEW 450mm OPTION PIPE - OUTLET INTO WHETSTONE BROOK
TOTALS												450	60.3			111	1.63	X							12.14	671	5-D			97	4	40				40	1		2	

PROJECT NAME: BRATTLEBORO
PROJECT NUMBER: BRF 2000 (21)S

FILE NAME: 96J228\structures\sJ228dds.I PLOT DATE: 11-JAN-2005
PROJECT MANAGER: R. R. WHITCOMB DRAWN BY:
DESIGNED BY: CHECKED BY:
DRAINAGE DETAIL SHEET R.O.W. SHEET 10A OF 15