STATE OF VERMONT
AGENCY OF TRANSPORTATION

DRAINAGE DETAIL SHEET #1

LAYOUT CODE (#)	STATION	STATION	POS.	ASKEW	INLET/OUTLET TYPE		DITCH		PIPE ARCH			PIPE		ALLOWABLE OPTIONS						PIPE ELBOW	ES	DMH	CB	DI	PRCCDI	DEPTH DI / DMH	CONC CLASS B	REINF STEEL	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	RISE	L	D	L	PCCSP	CAAP	RCP	CSP	CPEP	PVC												EARTH	ROCK											
				NO. DEG.					IN	IN	FT	IN	FT	TH	TH	CL	TH	SL		NO. DEG.	EA	EA	EA	EA		FT	CY	LBS	TYPE	EA	CY	CY	CY	CY	CY	CY	CY	SY	CY	TYPE	EA	EA	
1	138+45	138+45	RT		RCDI	OUTFALL						18	17	X	X	X		X			1			1		6			E			5.8	2.2			8.5							1	NEW 18" PIPE WITH RCDI. CONSTRUCT END SECTION AT OUTLET.
2	140+20	140+10	LT		RCDI	RCDI						18	6	X	X	X		X						1		6			E			1.5	1.5			8.1								NEW 18" PIPE WITH RCDI.
3	140+10	140+10	LT		RCDI	OUTFALL						18	17	X	X	X		X			1			1		7			E			4.3	1.9			8.1							1	NEW 18" PIPE WITH RCDI. CONSTRUCT END SECTION AT OUTLET.
4	139+98	140+28	RT			OUTFALL																																	12	II			CONSTRUCT STONE FILL, TYPE II DITCH.
5	140+20	143+50	LT			RCDI						6	333						X													46.3	7.0											NEW 6" UNDERDRAIN. CONSTRUCT FLUSHING BASIN AT INLET.
												18	40	X	X	X		X			2			3								11.6	5.6			24.7							2	
												6	333						X													46.3	7.0											
																													3														TYPE E GRATE
TOTALS																					2			3					3				57.9	12.6			24.7							3	

PROJECT	MIDDLBBURY
PROJECT	RS 0174(8)
FILE	z78f217_DDS.xls
PROJECT	M.A. COLGAN
DESIGNED BY:	D.M. PECK
DRAINAGE DETAIL SHEET	
PLOT	8/16/2013
DRAWN	C.L. CILLEY
CHECKED	J.A. WHITMORE
SHEET	30 OF 104

VHB Vanasse Hangen Brustlin, Inc.

VHB 57438