STATE OF VERMONT
AGENCY OF TRANSPORTATION

DRAINAGE DETAIL SHEET

STATION	STATION	POS.	ASKEW	INLET/OUTLET TYPE		DITCH		PIPE ARCH			PIPE		ALLOWABLE OPTIONS						PIPE ELBOW	ES	CB	PRCCD	DEPTH DI	HPC CLASS 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
			NO. DEG.	INLET	OUTLET	IN	OUT	SPAN IN	RISE IN	L FT	D IN	L FT	PCCSP TH	CAAP TH	RCP CL	CSP TH	CPEP SL	PCCSP PI TH	NO. DEG.	EA	EA		FT	B CY	LBS	TYPE	EA	CY	EARTH CY	ROCK CY	CY	CY	CY	CY	CY	SY	CY	TYPE	LT EA	RT EA			
	SL TH 25																																									
ML 8+75.0	1+68.6	LT																																			190.0	I					STONE LNED DITCH
ML 9+70.2	ML 9+84.2	LT/RT																																									REMOVE 18" CMP IN 18" ACCGMP OUT
ML 10+50.8	ML 11+50.0	RT																																									CONSTRUCT SPECIAL DITCH
ML 11+25.0	ML 11+58.5	RT									18	32	X	X			X						4'-0"	2.45	203	E			9.8														4' X 4' RCDI @ INLET
SL TH 26	SL TH 26																																									
7+22.2	7+23.0	LT/RT																																									REMOVE 15" CMP
SL TH 25	SL TH 25																																									
1+64.4	1+68.2	RT/LT																																									REMOVE 36" ACCGMP
SL TH 26	SL TH 26																																									
7+23.2	8+55.0	RT																																			54.0	I					STONE LNED DITCH
SL TH 25	SL TH 25																																									
2+14.5	2+75.0	LT																																			46.0	I					STONE LNED DITCH
SL TH 26	SL TH 26																																									
7+24.1	7+28.7	LT/RT									18	48	X	X			X																											
SL TH 26	SL TH 26																																									
7+19.0	8+55.0	LT																																			54.0	I					STONE LNED DITCH
SL TH 25	SL TH 25																																									
1+67.6	1+68.6	LT/RT									42	34	X	X									7'-0"	4.83	438	E			68.6														4' X 6' RCDI @ OUTLET
																					HEADWALL		15.65	2255								71.5	51.6							CONCRETE HEADWALL @ INLET
SL TH 25	SL TH 25																																									
1+68.6	1+69.0	RT									42	26	X	X									6'-6"	4.2	363	B			4.0														4' X 6' RCDI @ OUTLET INCORPORATE EXISTING STONE BOX INTO NEW RCDI
TOTALS											18"	80 LF	X	X			X																									
											42"	60 LF	X	X									27.13	3259	1-B				82.6				71.5	51.6			344	I			
																									2-E																
ROUNDING																							.87	1					7.4				8.5	8.4			6				
																							28 CY	3260 LBS					90 CY				80 CY	60 CY			350 CY				

PROJECT NAME:	POWNAL
PROJECT NUMBER:	BRZ 1441(19) C/2

FILE NAME:	87e045/se045drn.dgn	PLOT DATE:	2/8/2008
PROJECT LEADER:	R.WHITCOMB	DRAWN BY:	C.MOONEY
DESIGNED BY:	C.CARLSON	CHECKED BY:	L. BULLOCK
DRAINAGE DETAIL SHEET #1		SHEET	18B OF 108