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		DEPTH DI	CONC 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	CY	LBS	TYPE	EA	CY	EARTH CY	ROCK CY	CY	CY	CY	CY	CY	CY	CY	TYPE	LT EA	RT EA			
12+25.00	12+90.00	LT																											65													1	DRAINAGE DITCH
12+90.00	13+12.28	LT			SF-II	X					15	30	X	X			X											9					8			3	II				2	NEW 15' PIPE TO STONE FILL, TYPE II OUTLET DISSIPATOR
13+93.43	14+22.29	RT		DI	CHANL																							13	3												3	REMOVE EXISTING 12" CSP AND DI
14+98.37		LT			PIPE																	X	6.12			B		12					7								4	NEW PRECAST REINFORCED CONCRETE DROP INLET (4FT DIA.) WITH CAST IRON GRATE WITH FRAME
14+93.92		LT			CSP																							2					2								5	REMOVE EXISTING DROP INLET (CONCRETE BLOCK)
14+18.63	14+93.09	RT/LT		DI	CHANL																							45	3					48							6	REMOVE EXISTING 12" CSP
14+65.61	14+97.46	RT/LT		DI	DI						18	48	X	X			X											5	3				29								7	NEW 18' PIPE
14+64.00		RT		PIPE	PIPE																	X	8.0			E		15	3				7								8	NEW PRECAST REINFORCED CONCRETE DROP INLET (5FT DIA) WITH RECTANGULAR CAST IRON GRATE FRAME FOR TWO 24" SQUARE CAST IRON GRATES
14+18.63	14+93.09	RT/RT		DI	SF-II						18	49	X	X			X											8	2				31			3	II				9	NEW 18' PIPE TO STONE FILL, TYPE II OUTLET DISSIPATOR
								TOTALS			30' 15" PIPE 97' 18 "PIPE											1EA 1EA	4' DIA 5' DIA			3EA		109	79				84	48		6							

PROJECT NAME:	BARRE TOWN
PROJECT NUMBER:	BRF 6100(7)

FILE NAME: s06j002drain.details.dgn	PLOT DATE: 27-SEP-2012
PROJECT LEADER: J. LACROIX	DRAWN BY: J. GRIFFIN
DESIGNED BY: J. GRIFFIN	CHECKED BY: T. FILLBACH
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