STATE OF VERMONT
AGENCY OF TRANSPORTATION

DRAINAGE DETAIL SHEET # 4

LAYOUT CODE (#)	STATION	STATION	POS.	ASKEW NO. DEG.	INLET/OUTLET TYPE INLET	INLET/OUTLET TYPE OUTLET	DITCH IN	DITCH OUT	PIPE ARCH SPAN IN	PIPE ARCH RISE IN	PIPE ARCH L FT	PIPE D IN	PIPE L FT	ALLOWABLE OPTIONS PCCSP TH	ALLOWABLE OPTIONS SPECIAL PROVISION (TRENCHLESSS PIPE)	ALLOWABLE OPTIONS CPEP SL	ALLOWABLE OPTIONS PVC	PIPE ELBOW NO. DEG.	ES EA	DMH EA	CB EA	DI EA	PRCCDI	DEPTH DI / DMH FT	SPECIAL PROVISION (FLOWABLE FILL) CY	REINF STEEL LBS	GRATE TYPE	CHAN ELEV EA	CRM CY	TRENCH EXCAVATION EARTH CY	TRENCH EXCAVATION ROCK CY	COMM EXC CY	UNC CHAN EXC CY	STRUCT EXCAV CY	GRAN BKFILL STRUCT CY	GRAN BORR CY	EROS MATT SY	STONE FILL CY	STONE FILL TYPE	MARKER POSTS LT EA	MARKER POSTS RT EA	REMARKS
R1	112+22	113+00	LT																						~~5.0~~ 0					~~2.9~~ ~~10~~	~~3.3~~ 3.0											~~PLUG & ABANDON EXIST 18" ACCGMP. FILL WITH SPECIAL PROVISION (FLOWABLE FILL). REMOVE EXIST DI.~~ REMOVED PIPE, NO FLOWABLE FILL USED.
R2	113+00	113+67	LT																										~~7.4~~ ~~9~~												REMOVE 65 LF EXIST 18" ACCGMP.
R3	111+64	113+00	RT																						~~15.1~~ 0					6.7												PLUG & ABANDON EXIST 24" RCP. FILL WITH SPECIAL PROVISION (FLOWABLE FILL).
R4	113+00	116+80	RT																										55.9	~~81~~												REMOVE 378 LF EXIST 24" RCP.
R5	115+84	116+90	LT																										0	~~9~~	~~3.6~~	0										~~REMOVE 103 LF EXIST 24" RCP.~~ REMOVE EXIST DI.
R6	120+75	120+93	LT																										0	~~15~~	~~3.1~~	0										R5 WAS NOT PAID DIRECTLY, IT WAS REMOVED DURING EXCAVATION FOR DRAIN RUNS #13&15 ~~REMOVE 15 LF EXIST 6" PIPE / REMOVE EXIST DI.~~
R7	116+90	116+97	LT																										0	~~3~~	~~3.7~~	0										PIPE REMOVED DURING TRENCHING FOR DRAINAGE RUN #29, EXISTING DI DID NOT EXIST. REMOVE 4 LF EXIST 12" RCP. REMOVE EXIST DMH.
R8	116+97	117+91	LT																										6	~~15~~	~~3.1~~	0										REMOVE 90 LF EXIST 12" RCP. REMOVE EXIST DI.
R9	116+80	117+23	RT																										0	~~3~~												REMOVE 40 LF EXIST 24" RCP.
R10	117+23	117+87	RT																										40.7	~~9~~	2.37											REMOVE 61 LF EXIST 24" RCP.
R11	117+63	117+87	RT																										0.1	~~7~~												REMOVE 24 LF EXIST DRAIN PIPE.
R12	117+87	118+59	RT																						~~8.0~~ 0					36												~~PLUG & ABANDON EXIST 24" RCP. FILL WITH SPECIAL PROVISION (FLOWABLE FILL).~~ REMOVED PIPE
R13	117+91	118+84	LT																										4.94	~~14~~	~~4.2~~	0										REMOVE 89 LF EXIST 12" RCP. REMOVE EXIST DI.
R14	118+59	119+40	RT																						~~9.0~~ 0					34.5												~~PLUG & ABANDON EXIST 24" RCP. FILL WITH SPECIAL PROVISION (FLOWABLE FILL).~~ REMOVED PIPE
R15	118+84	120+74	LT																										10.39	~~29~~	~~3.6~~	0										REMOVE 187 LF EXIST 12" RCP. REMOVE EXIST DMH.
R16	119+40	120+72	RT																						~~14.9~~ 0					90.52												~~PLUG & ABANDON EXIST 24" RCP. FILL WITH SPECIAL PROVISION (FLOWABLE FILL).~~
R17	120+74	121+03	LT																										0	~~4~~	~~1.7~~ 2.37										REMOVE 30 LF EXIST 12" RCP. REMOVE EXIST DI & DMH.
R18	120+72	121+67	RT																						~~10.6~~ 0					4.74		SEE CARL GLEASON DAILY REPORT 6/5/12										~~PLUG & ABANDON EXIST 24" RCP. FILL WITH SPECIAL PROVISION (FLOWABLE FILL).~~ REMOVED PIPE
R19	121+03	121+70	LT																												26												REMOVE 63 LF EXIST 12" RCP.
R20	121+67	123+08	RT																						~~15.9~~ 0					0	~~3~~												PLUG & ABANDON EXIST 24" RCP. FILL WITH SPECIAL PROVISION (FLOWABLE FILL). REMOVE EXIST DI.
R21	SL 40+31	122+95	RT-LT																										57.08	~~2~~	~~2.5~~	0										REMOVE 17 LF EXIST 8" VCT. REMOVE EXIST DMH.
R22	SL 40+64	SL 40+31	RT																										0	~~4~~	1.18					SEE DAILY REPORT 6/14/12					REMOVE 29 LF EXIST 8" VCT.
R23	122+95	125+24	LT																										0	~~6~~												REMOVE 224 LF EXIST 8" RCP. REMOVE EXIST DMH.
R24	125+24	125+24	LT																										0	~~10~~	~~3.1~~ 8.3					SEE DUFRESNE GROUP REPORT 5/9/12					REMOVE 2 LF EXIST 6" VCT. REMOVE EXIST DMH.
R25	125+24	SL 60+38	LT																						~~1.3~~ 0					4.7						SEE DUFRESNE GROUP REPORT 5/30/12					~~PLUG & ABANDON EXIST 6" VCT. FILL WITH SPECIAL PROVISION (FLOWABLE FILL).~~ WAS REMOVED
R26	125+24	125+33	LT-RT																										0	~~4~~	~~3.8~~ 0					SEE DUFRESNE GROUP REPORT 5/17/12					REMOVE 43 LF EXIST 6" VCT.
R27	127+89	128+86	RT																										0	~~6~~	2.0					SEE DUFRESNE GROUP REPORT 6/11/12					REMOVE 20 LF EXIST 8" VCT. REMOVE EXIST DI.
R28	SL 70+26	128+89	LT																										0	~~36~~	~~2.5~~ 0					SEE DUFRESNE GROUP REPORT 5/30/12					REMOVE 20 LF EXIST 8" VCT. REMOVE EXIST DMH.
R29	SL 70+35	SL 70+26	LT																										0	~~7~~	~~4.5~~ 4.7					SEE DUFRESNE GROUP REPORT 5/22/12					REMOVE 6 LF EXIST 8" VCT.
R30	128+86	130+09	RT																										0	~~1~~												REMOVE 120 LF EXIST 8" VCT. REMOVE EXIST DI.
R31	130+09	130+27	RT																										48.5	~~60~~	~~2.0~~ 2.37											REMOVE 16 LF EXIST 6" PVC. REMOVE EXIST DMH.
R32	130+27		RT																												5.0		SEE DUFRESNE GROUP REPORT 6/13/12										REMOVE EXIST DMH.
R33	130+11	130+48	LT-RT																										0	~~8~~	2.37											REMOVE 36 LF EXIST 12" VCT. REMOVE EXIST DMH. REMOVE EXIST. BYPASS GATE
R34	130+31	130+54	LT																										0	~~4~~	~~4.5~~ 7.4											REMOVE 23 LF EXIST 12" VCT. REMOVE EXIST DI.
R35	130+56	131+04	LT																										0	~~10~~												REMOVE 46 LF EXIST 10" VCT. REMOVE EXIST DMH.
R36	131+04	132+30	LT																										0	~~6~~	~~3.8~~ 0											REMOVE 122 LF EXIST 10" VCT. REMOVE EXIST DI.
R37	130+77	SL 80+88	RT-LT																						~~2.7~~ 0					0	~~4~~	~~3.0~~ 0											REMOVE 13 LF EXIST 12" VCT. REMOVE EXIST DMH & DI.
R38	130+77	130+93	RT																										0	~~8~~	~~2.5~~ 0											REMOVE 56 LF EXIST 12" VCT.
R39	130+93	131+52	RT																										0	~~10~~	~~1.8~~ 0											REMOVE 95 LF EXIST 18" RCP. REMOVE EXIST DMH.
R40	131+52	132+50	RT																										0	~~2~~	~~3.8~~ 0											REMOVE 12 LF EXIST 10" VCT. REMOVE EXIST DMH.
R41	132+30	132+45	LT																																							
																									~~62.5~~ 0					~~415~~ 441.28	~~67.3~~ 76.5										

DRAINAGE DETAIL SHEET #4 SUBTOTAL:

VHB Vanasse Hangen Brustlin, Inc.

PROJECT NAME: **BARRE CITY**
PROJECT NUMBER: **FEGC F 026-1(34) C/2**

FILE NAME: z85b010dds.xls
PROJECT LEADER: G. BAKOS
DESIGNED BY: D. PECK
DRAINAGE DETAIL SHEET #4

PLOT DATE: **3/21/2011**
DRAWN BY: D. PECK
CHECKED BY:
SHEET **22** OF **339**