STATE OF VERMONT
AGENCY OF TRANSPORTATION

DRAINAGE DETAIL SHEET

STATION	STATION	POS.	PIPE NO.	INLET/OUTLET TYPE		DITCH		PIPE ARCH			PIPE		ALLOWABLE OPTIONS					PIPE ELBOW	ES	CB	DI	STR DEPTH	FLOWABLE FILL	REINF STEEL	CB GRATE	CHAN. ELEV	CRM	TRENCH EXCAVATION		COMM EXC	UNC CHAN EXC	STRUCT EXCAV	GRAN BKFILL STRUCT	GEOTEX TILE	STONE FILL		MARKER POSTS		CLEAN EX. STRUCTURE	ABAND. DRAIN. STR.	DRYWELL	REMARKS
				INLET	OUTLET	IN	OUT	SPAN IN	RISE IN	L FT	D IN	L FT	DI PIPE CL 52 CML	PVC SDR35	RCP CL	CSP TH	CPEP SL	PCCSP PI TH	NO. DEG.	EA	EA	EA	FT	FLOWABLE FILL CY	LBS	TYPE	EA	CY	EARTH CY	ROCK CY	CY	CY	CY	CY	SY	CY	TYPE	LT EA	RT EA	EA	EA	EA	
SYSTEM 100																																									
4+59		LT		CB100A																1		8.75			D HINGED			19													REMOVE EXISTING INLET AND REPLACE WITH NEW CB; CONNECT TO EXISTING OUTLET PIPE
101+33	4+59	LT	100	CB100	CB100A						18	~~126~~ 111		X	III		X			1		~~7.33~~ 7.27			~~D~~ HINGED			~~97~~ 87								1					CB @ INLET; CONNECT TO EXISTING STRUCTURE STRUCTURE @ OUTLET
6+76	4+59	LT	100B	CB100B	CB100A						18	214		X	III		X			1		7.48			~~D~~ HINGED			155													~~CB~~ @ INLET; CONNECT TO EXISTING STRUCTURE @ OUTLET
~~101+56~~	~~101+33~~	LT	101	CB101	CB100						18	~~55~~ 60		X	III		X			1		~~7.12~~ 6.83			~~D~~ HINGED			~~50~~ 53													~~CB~~ @ INLET; CB @ OUTLET
~~101+89~~	~~101+56~~	LT	102	~~CB102~~	CB101						18	~~56~~ 75		X	III		X			1		~~6.67~~ 6.55			D HINGED			~~50~~ 66													5' DIA. CB @ INLET; CB @ OUTLET
~~101+98~~	~~101+89~~	~~RT - LT~~	~~104~~	~~CB104~~	~~CB102~~						18	30		X	III		X			~~1~~	1	~~6.71~~ 5.13			D HINGED			~~33~~ 29													~~CB~~ @ INLET; CB @ OUTLET
101+89	101+98	LT-RT		CB102	CB104																																				
~~102+89~~	101+89	~~LT~~ RT	103	~~CB103~~ CB106	~~CB102~~ CB104						18	~~103~~ 99		X	III		X			1		~~6.42~~ 5.59			~~D~~ HINGED			~~80~~ 75													~~CB~~ @ INLET; CB @ OUTLET
~~102+99~~	~~102+89~~	~~RT - LT~~	106	~~CB106~~ CB103	~~CB103~~ CB106						18	28	X	X	III		X			~~1~~	1	~~5.81~~ 3.5			D HINGED			~~29~~ 27													~~CB~~ @ INLET; CB @ OUTLET
103+36	~~102+89~~ 102+89	~~LT~~ LT-RT	105	CB105	~~CB103~~ CB106						18	~~47~~ 45	X	X	III		X			~~1~~	1	~~5.77~~ 3.5			D HINGED			~~42~~ 38													~~CB~~ @ INLET; CB @ OUTLET
SYSTEM 200																																								
104+45	104+65	RT	200	CB200	CB201						~~15~~ 16	26	X							1		~~5.2~~ 5.34			D HINGED			~~25~~ 26													~~CB~~ @ INLET; CB @ OUTLET
104+65	105+26	RT	201	CB201	CB202						~~15~~ 16	61	X							1		~~5.02~~ 5.16			D HINGED			46													~~CB~~ @ INLET; CB @ OUTLET
104+90	~~105+27~~	~~LT~~	203	CB203	~~CB204~~						18	~~37~~ 43	X							~~1~~	1	~~5.09~~ 3.62			D HINGED			~~33~~ 37													~~CB~~ @ INLET; CB @ OUTLET
~~105+26~~	~~105+27~~	~~RT - LT~~	202	~~CB202~~	~~CB204~~						18	25	X							~~1~~	1	~~5.1~~ 3.66			~~D~~ HINGED			~~26~~ 25													~~CB~~ @ INLET; CB @ OUTLET
~~105+27~~	105+26	LT-RT		CB204	CB202																																				
~~105+27~~	106+27	~~LT~~	204	~~CB204~~	~~CB205~~						18	~~100~~ 102	X							1		~~5.2~~ 5.24			~~D~~ HINGED			~~74~~ 90													8' DIA. CB @ INLET; CB @ OUTLET
105+26		RT		CB202	CB206																																				
106+27		~~RT - LT~~	206	~~CB206~~	~~CB205~~						18	25	X							~~1~~	1	~~4.84~~ 3.31			~~D~~ HINGED			~~25~~ 22													~~CB~~ @ INLET; CB @ OUTLET
		LT-RT		CB205	CB206																																				
106+27	~~106+92~~	~~LT~~	205	~~CB205~~	~~CB207~~						18	~~65~~ 100	X							1		~~4.97~~ 4.9			~~D~~ HINGED			~~51~~ 74													~~CB~~ @ INLET; CB @ OUTLET
	107+27	RT		CB206	CB208																																				
106+92	107+27	LT - RT	207	CB207	CB208						18	43	X							~~1~~	1	~~5.47~~ 3.5			~~D~~ HINGED			~~38~~ 37													~~CB~~ @ INLET; CB @ OUTLET
107+27		RT		CB208																1		5.95			D HINGED			~~12~~ 29													8' DIA. CB @ INLET; TIE INTO EXISTING OUTLET PIPE
107+58	107+27	LT - RT	208	CB209	CB208						18	40	X							~~1~~	1	~~6.1~~ 3.39			D HINGED			~~38~~ 35													CB @ INLET; CB @ OUTLET
~~108+05~~	~~108+10~~	~~RT - LT~~	210	~~CB211~~	~~CB210~~						~~15~~ 16	26	X	X	III		X			~~1~~	1	~~5.8~~ 4.74			D HINGED			~~27~~ 25													~~CB~~ @ INLET; CB @ OUTLET
108+10	108+05	LT-RT		CB210	CB211																																				
~~108+10~~	~~107+58~~	~~LT~~	209	~~CB210~~	~~CB209~~						15	~~51~~ 78		X	III		X			1		~~6.26~~ 5			~~D~~ HINGED			~~46~~ 63													~~CB~~ @ INLET; CB @ OUTLET
108+05	107+27	RT		CB211	CB208																								60												
CULVERTS																																								
32+75		RT	CV1	ES	STONE						12	22		X	III		X		2								13							3	1	I	2			CONST. CULVERT BETWEEN GRASS CHANNEL AND GRASS CHANNEL; CONST. ES @ CULVERT INLET; CONST. STONE PAD @ OUTLET
32+75	33+15	RT		ES	IA2																								6					20	6	I				CONST. GRASS CHANNEL BETWEEN CV1 AND STILLING BASIN INTO INFILTRATION AREA #2
111+54		LT	CV2	ES	STONE						12	25		X	III		X		2								20							20	6	I	2			CONST. CULVERT BETWEEN GRASS CHANNEL AND INFLTRATION AREA #3; CONST. ES @ CULVERT INLET; CONST. STILLING BASIN @ CULVERT OUTLET
118+67		LT	CV3	ES	STONE						12	25		X	III		X		2								20							20	6	I	2			CONST. CULVERT BETWEEN GRASS CHANNEL AND INFLTRATION AREA #4; CONST. ES @ CULVERT INLET; CONST. STILLING BASIN @ CULVERT OUTLET
123+14		LT	CV4	ES	STONE						12	26		X	III		X		2								20							20	6	I	2			CONST. CULVERT BETWEEN GRASS CHANNEL AND INFLTRATION AREA #5; CONST. ES @ CULVERT INLET; CONST. STILLING BASIN @ CULVERT OUTLET
DRYWELLS																																								
106+68		LT		DW1																									9											1	INSTALL NEW DRYWELL

RECORD DRAWING
DATE: DECEMBER 21, 2012

NOTE:
SEE THIS PLAN SET AND FINAL PAYMENT REQUEST FOR FINAL QUANTITIES.

REVISION	BY	DATE
1 ADDENDUM – 1	JBL	01/24/11
2 DRAINAGE REV.	JBL	04/22/11

Stantec

PROJECT NAME: COLCHESTER CAMPUS CONNECTOR
PROJECT NUMBER: TCSP TCSE (007)

FILE NAME: ...\plotfiles\022-024_dds.ptf
PROJECT LEADER: JBL
DESIGNED BY: TFD
DRAINAGE DETAIL SHEET DDS-1

PLOT DATE: 4/22/2011
DRAWN BY: TFD
CHECKED BY: GGG
SHEET 22 OF 153