STATE OF VERMONT
AGENCY OF TRANSPORTATION

DRAINAGE DETAIL SHEET

STATION	STATION	POS.	PIPE NUMBER	INLET/OUTLET TYPE		DITCH		PIPE ARCH			PIPE		ALLOWABLE OPTIONS						PIPE ELBOW	ES	CB	DI	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
				INLET	OUTLET	IN	OUT	SPAN	RISE	L	D	L	PCCSP	CAAP	RCP	CSP	CPEP	PCCSP PI	ELBOW										EARTH	ROCK									LT	RT			
								IN	IN	FT	IN	FT	TH	TH	CL	TH	SL	TH	NO. DEG.	EA	EA	EA	FT	CY	LBS	TYPE	EA	CY	CY	CY	CY	CY	CY	CY	SY	CY	TYPE	EA	EA			
97+02	40+66	LT-RT	1	CB-1	CB-3						18	62			X		X				1					D			85.8					28.0									
40+66	40+66	RT	2	HW-2	CB-3						24	12			X		X							2.85	516				15.3					2.7						1			CONSTRUCT HEADWALL AT INLET
40+66	40+66	RT-LT	3	CB-3	CB-4						36	53			X		X				1					D			96.3					17.9									
40+66	40+81	LT	4	CB-4	PAD						36	47					X				1					D			33.1					24.2			22.2	II	1				CONSTRUCT STONE FILL, TYPE II AT OUTLET
40+66	95+66	LT	DP	CB-4	CB-5						18	71					X				--					--			17.3					21.1									DIVERSION PIPE, SEE DRAINAGE NOTES FOR INVERTS
95+66	95+32	LT	5	CB-5	CB-6						24	36			X		X				1					D			46.1					14.5									
95+32	95+26	LT	6	CB-6	PAD						24	28			X		X				1					D			31.9					6.9			1.3	II	1				CONSTRUCT STONE FILL, TYPE II AT OUTLET
94+47	94+47	LT-RT	7	CB-7	PAD						30	70			X		X				1					A			117.0					27.1			13.0	II	1	1			CONSTRUCT STONE FILL, TYPE II AT OUTLET
95+55	95+53	LT-RT	8	HW-8	SLOPE						42	133			X		X							8.20	990				628.6					56.0			10.9	II	1	1			CONSTRUCT HEADWALL AT INLET CONSTRUCT STONE FILL, TYPE II AT OUTLET
95+31	95+70	RT	9	CB-9	CB-12						18	40			X		X				1					D			28.0					14.0									
62+90	63+13	LT	10	CB-10	CB-11						18	29			X		X				1					D			29.0					12.5									
63+13	95+70	LT-RT	11	CB-11	CB-12						18	33			X		X				1					D			34.6					22.1									
95+70	95+57	RT	12	CB-12	SLOPE						18	34					X				1					D			64.8					9.2						1			OUTLET ONTO STONE PAD, TYPE II (SEE P8)
97+31	97+02	RT	13	CB-13	CB-14						18	41			X		X				1					A			47.8					14.2									
97+02	62+95	RT	14	CB-14	CB-15						18	37			X		X				1					D			60.1					14.7									
62+95	62+51	RT	15	CB-15	CB-17						18	45			X		X				1					D			48.6					16.4									
62+23	62+51	RT	16	CB-16	CB-17						18	29			X		X				1					D			33.7					11.2									
62+51	62+61	RT-LT	17	CB-17	PAD						18	71			X		X				1					D			120.0					15.0			1.3	II	1				CONSTRUCT STONE FILL, TYPE II AT OUTLET
62+21	61+70	RT	18	CB-18	SWALE						15	50			X		X				1					A			38.2					19.2						1			OUTLET INTO ROADSIDE SWALE
61+42	--	LT	20	CB-20	--						--	--			--		--				1					D																	REMOVE EXISTING DRAINAGE STRUCTURE, CONNECT TO EXISTING PIPE
42+28	41+26	LT	21	DI-21	MH-23						15	99			X		X					1				A			137.8					40.0									
41+29	41+26	RT-LT	22	DI-22	MH-23						24	42			X		X					1				A			51.7					16.8									
41+26	41+29	LT	23	CB-23	PAD						24	77					X				1					MH			18.3					18.1									CONSTRUCT MANHOLE WITH CAST IRON COVER
																SUBTOTALS =			CB	17	2		11	1506				1784					422			48.7		5	5			
																ROUNDINGS =			MH	1			*	14				*					8			1.3						
																TOTALS =							*	1520				*					430			50						

PROJECT NAME: HYDE PARK
PROJECT NUMBER: HES 030-2(23)

FILE NAME: t08bl26frm.dgn
PROJECT LEADER: JLS
DESIGNED BY: MBL
DRAINAGE SUMMARY SHEET

PLOT DATE: 08-DEC-2010
DRAWN BY: MBL
CHECKED BY: JAD
SHEET 10 OF 100