STATE OF VERMONT
AGENCY OF TRANSPORTATION

DRAINAGE DETAIL SHEET 2

STATION	STATION	POS.	PIPE NUMBER	INLET/OUTLET TYPE		DITCH		PIPE ARCH			PIPE		ALLOWABLE OPTIONS						PIPE ELBOW	ES	CB	SP	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		CONCRETE MH W/ CI COVER		REMARKS
				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	EA	FT	CY	LBS	TYPE	EA	CY	EARTH CY	ROCK CY	CY	CY	CY	CY	CY	SY	CY	TYPE	LT EA	RT EA	EA		
ALTERNATE 'B' AND 'C'																																												
PARKING LOT																																												
22+03		RT		SP 2																		1							30														SP - SPECIAL PROVISION (PRECAST CONCRETE
22+36		RT		SP 1																		1							32														RETENTION STRUCTURE)
ACCESS RD																																												
0+21	0+41	RT - LT	5	ES	ES						12	78					78			2									38								0.6	I	1	1			
0+53	1+00	LT-RT	4	CB 3	ES						18	69					69			1	1								65								0.6	I	1				
1+00	1+35	RT-LT	3	CB 2	CB 3						18	45					45				1								57														
1+35	1+82	LT	2	SP 3	CB 2						18	55					55					1							88														
1+82	2+94	LT	1	CB 1	SP 3						18	115					115				1								138														
BUS LOOP																																												
11+03	11+79	RT	6	CB 4	DI 1						18	95					95				1								74														
10+56	10+85	LT - RT	9	CB 5	ES						18	72					72			1	1								61								0.6	I	1				
10+85	11+02	RT	7	DI 1	CB 5						18	29					29						4.5	2.3	200	1-A			19														
10+86	11+35	RT	8	DI 2	CB 5						12	49					49						4	2.1	193	1-A			31														
11+47	12+52	LT - RT	10	MH	ES						18	130					130			1									91								0.6	I					
12+91	12+95	LT-RT	11	DI 3	DI 4						18	40					40						4.5	2.3	200	1-A			28	3.6													
12+95	13+03	RT	12	DI 4	ES						18	78					78			1			4.8	2.6	231	1-A			48								0.3	I					
SUBTOTAL ALTERNATE 'B' AND 'C'																	127	(12")		2	5	3		9.3	824	4-A			800	3.6							2.7	I	3	1			
																	728	(18")		4																							
~~**SUBTOTAL ALTERNATE 'A'**~~																	~~127~~	~~(12")~~		~~2~~	~~6~~			~~9.3~~	~~824~~	~~4-A~~			~~806~~	~~3.4~~							~~2.7~~	~~I~~	~~3~~	~~1~~	~~1~~		
																	~~783~~	~~(18")~~		~~4~~																							
SUBTOTAL COMMON ITEMS																								~~0.5~~					~~465~~	~~3.6~~			~~3~~	~~3~~			~~378~~	~~I~~					
																																					~~82~~	~~II~~					
~~**ROUNDING ALTERNATE 'A'**~~																	~~-~~			~~-~~	~~-~~			~~-~~	~~-~~	~~-~~			~~-~~	~~-~~			~~-~~	~~-~~			~~9~~	~~I~~	~~-~~	~~-~~	~~-~~		
																	~~-~~			~~-~~																	~~8~~	~~II~~					
~~**TOTAL ALTERNATE 'A'**~~																	~~127~~	~~(12")~~		~~2~~	~~6~~			~~9.8~~	~~824~~	~~4-A~~			~~1271~~	~~7~~			~~3~~	~~3~~			~~390~~	~~I~~	~~3~~	~~1~~	~~1~~		
																	~~783~~	~~(18")~~		~~4~~																	~~90~~	~~II~~					
SUBTOTAL ALTERNATE 'B' AND 'C'																	127	(12")		2	5			9.3	824	4-A			800	3.4							2.7	I	3	1	1		
																	728	(18")		4																							
SUBTOTAL COMMON ITEMS																								0.5					465	3.6			3	3			378	I					
																																					82	II					
ROUNDING ALTERNATE 'B' AND 'C'																	-			-	-			-	-	-			-	-			-	-			9	I	-	-	-		
																	-			-																	8	II					
TOTAL ALTERNATE 'B' AND 'C'																	127	(12")		2	5	3		9.8	824	4-A			1267	7			3	3			390	I	3	1	1		
																	728	(18")		4																	90	II					

Stantec

PROJECT NAME: RANDOLPH
PROJECT NUMBER: CMG PARK(2I)S

FILE NAME: ...\05_zk000Drainage Detail.ptf PLOT DATE: 8/3/2007
PROJECT LEADER: WLD DRAWN BY: STANTEC
DESIGNED BY: STANTEC CHECKED BY: GAS
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