

DRAINAGE DETAIL SHEET 1

STATION	STATION	POS.	PIPE NUMBER	INLET/OUTLET TYPE		DITCH		PIPE ARCH			ALLOWABLE OPTIONS					PIPE ELBOW NO. DEG	ES EA	CB EA	SP EA	DEPTH DI FT	CONC CLASS B CY	REINF STEEL LBS	DI GRATE TYPE	CHAN ELEV EA	CRM CY	TRENCH EXCAVATION		COMM EXC CY	UNC CHAN EXC CY	STRUCT EXCAV CY	GRAN BK FILL STRUCT CY	GRAN BORR CY	EROS MATT SY	STONE FILL		MARKER POSTS		CONCRETE MH W/ CI COVER EA	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	EARTH CY	ROCK CY	CY			CY	EA	EA													
COMMON ITEMS																												"COMMON ITEMS" REFER TO ITEMS COMMON TO ALL ALTERNATES																											
VT ROUTE 66																																																							
51+56	51+57	LT																	0.5					2	3.4												REMOVE SOUTHERLY CATCH BASIN AND PLUG PIPE; PLUG INLET AT NORTHERLY CATCH BASIN																		
FOREBAY SPILLWAY																																																							
10+53	10+92	LT																						34																															
12+57	12+88	LT																					24			3	3									1		ITEM 604.11 - CONCRETE MANHOLE WITH CAST IRON COVER IS 6' DIAMETER.																	
SWALES, OUTLET PADS, AND CHANNELS																																																							
ACCESS ROAD																																																							
0+25	3+48	RT																						99																															
0+21	0+41	LT	6/5																				0.6																																
1+00		RT	5/4																				0.6																																
1+30	1+86	LT																					25																																
1+86	3+49	LT																					63																																
BUS LOOP																																																							
10+53	10+92	LT																					36																																
10+85		RT	9																				0.6																																
12+57	12+88	LT																					39																																
11+83	12+93	RT																					34																																
12+52		RT	10																				0.6																																
13+03		RT	12																				0.3																																
PARKING LOT																																																							
21+16	23+31	RT																					49																																
EXISTING GRASS SWALE																																																							
																							57																																
SUBTOTAL COMMON ITEMS																												0.5 465 3.4 3 3 378 82 1																											
ALTERNATE 'A'																																																							
PARKING LOT																																																							
21+81	23+35	LT	2	CB 2	CB 3				18	150														165																															
ACCESS RD																																																							
0+21	0+41	RT-LT	6	ES	ES				12	78													78																																
0+53	1+00	LT-RT	5	CB 5	ES				18	69													69																																
1+00	1+35	RT-LT	4	CB 4	CB 5				18	45													45																																
1+35	1+82	LT	3	CB 3	CB 4				18	55													55																																
1+82	2+94	LT	1	CB 1	CB 3				18	115													115																																
BUS LOOP																																																							
10+56	10+85	LT-RT	9	CB 6	ES				18	72													72																																
10+85	11+02	RT	7	D11	CB 6				18	29													29																																
10+86	11+35	RT	8	D12	CB 6				12	49													49																																
11+47	12+52	LT-RT	10	MH	ES				18	130													130																																
12+91	12+95	LT-RT	11	D13	D14				18	40													40																																
12+95	13+03	RT	12	D14	ES				18	78													78																																
SUBTOTAL ALTERNATE 'A'																												127 (12") 2 6 9.3 824 4-A 806 3.6 2.7 3 1																											



PROJECT NAME: RANDOLPH
 PROJECT NUMBER: CMG PARK(2)S
 FILE NAME: ...05_zk000Drainage Detail.pjf PLOT DATE: 8/3/2007
 PROJECT LEADER: WLD DRAWN BY: STANTEC
 DESIGNED BY: STANTEC CHECKED BY: GAS
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