

ELEMENT	POINT TYPE	STATION	ELEVATION	LENGTH	ENTRANCE GRADE	EXIT GRADE	K	MIDDLE ORDINATE	SSD/HSD
SYMMETRICAL PARABOLA	PVC	116+18.54	687.70	280	-0.99%	1.45%	114.671	0.8546	
		116+50.00	687.44						
		117+00.00	687.19						
	VLOW	117+31.93	687.14						
		117+50.00	687.16						
	PVI	117+58.54	686.32						
		118+00.00	687.35						
	PVT	118+98.54	688.35						
LINEAR	PVT	118+98.54	688.35	101.4591	1.45%				
		119+00.00	688.38						
		119+50.00	689.10						
LINEAR	PVI	120+00.00	689.83	50.0002	0.64%				
		120+00.00	689.83						
	PVI	120+50.00	690.15						
LINEAR	PVI	120+50.00	690.15	49.9804	-1.17%				
		120+50.00	690.15						
	PVI	120+99.98	689.56						
LINEAR	PVI	120+99.98	689.56	10.5422	-3.52%				
		121+00.00	689.56						
	PVC	121+10.52	689.19						
SYMMETRICAL PARABOLA	PVC	121+10.52	689.19	110	-3.52%	-0.32%	34.3362	0.4405	
		121+50.00	688.03						
	PVI	121+65.52	687.26						
	PVT	122+20.52	687.08						
LINEAR	PVT	122+20.52	687.08	219.4774	-0.32%				
		122+50.00	686.99						
		123+00.00	686.83						
		123+50.00	686.67						
		124+00.00	686.51						
	PVC	124+40.00	686.39						
	PVC	124+40.00	686.39						
SYMMETRICAL PARABOLA		124+50.00	686.36	140	-0.32%	1.57%	74.3061	0.3297	
	VLOW	124+63.52	686.35						
		125+00.00	686.44						
	PVI	125+10.00	686.17						
		125+50.00	686.85						
LINEAR	PVT	125+80.00	687.26	26.4521	1.57%				
		125+80.00	687.26						
	PVC	126+06.45	687.68						
SYMMETRICAL PARABOLA	PVC	126+06.45	687.68	10	1.57%	-1.35%	3.4332	-0.0364	375.4981
	PVI	126+11.45	687.76						
	PVT	126+16.45	687.69						
LINEAR	PVT	126+16.45	687.69	98.5479	-1.35%				
		126+50.00	687.24						
		127+00.00	686.57						
	PVC	127+15.00	686.36						

ELEMENT	POINT TYPE	STATION	ELEVATION	LENGTH	ENTRANCE GRADE	EXIT GRADE	K	MIDDLE ORDINATE	SSD/HSD
SYMMETRICAL PARABOLA	PVC	127+15.00	686.36	450	-1.35%	1.42%	162.781	1.555	
		127+50.00	685.93						
		128+00.00	685.44						
		128+50.00	685.11						
		129+00.00	684.93						
	VLOW	129+33.96	684.89						
	PVI	129+40.00	683.34						
		129+50.00	684.90						
		130+00.00	685.02						
		130+50.00	685.30						
		131+00.00	685.74						
	PVT	131+50.00	686.32						
LINEAR	PVT	131+65.00	686.53	54.7687	1.42%				
		132+00.00	687.03						
	PVC	132+19.77	687.31						
SYMMETRICAL PARABOLA		132+19.77	687.31	110	1.42%	0.83%	187.96	-0.0805	
		132+50.00	687.71						
	PVI	132+74.77	688.09						
	PVT	133+00.00	688.28						
LINEAR	PVT	133+29.77	688.55	70.2313	0.83%				
		133+29.77	688.55						
	PVC	133+50.00	688.72						
SYMMETRICAL PARABOLA	PVC	134+00.00	689.13	100	0.83%	1.55%	140.58	0.0889	
		134+00.00	689.13						
		134+16.00							
		0+00.00							
		0+00.00	689.28						
	PVI	0+34.00	689.55						
		0+50.00	689.84						
LINEAR	PVT	0+84.00	690.32	125	1.55%				
		0+84.00	690.32						
		1+00.00	690.57						
		1+50.00	691.34						
LINEAR		2+00.00	692.12	53.3595	1.48%				
	PVI	2+09.00	692.25						
		2+09.00	692.25						
		2+50.00	692.86						
	PVC	2+62.36	693.04						
SYMMETRICAL PARABOLA	PVC	2+62.36	693.04	60	1.48%	0.52%	62.8397	-0.0716	
		2+92.36	693.48						
		3+00.00	693.48						
	PVT	3+22.36	693.64						
LINEAR	PVT	3+22.36	693.64	36.6405	0.52%				
		3+50.00	693.78						
	POE	3+59.00	693.83						



**VERTICAL
ALIGNMENT
TABLE SHEET
#5**

PROJECT NAME: COVENTRY-NEWPORT CITY
PROJECT NUMBER: STP 2308(I)

FILE NAME: p01c052.dgn
PROJECT LEADER: JLL
DESIGNED BY: STANTEC
IPARM FILE: p01c052vats05.i

PLOT DATE: 18-MAY-2012
DRAWN BY: STANTEC
CHECKED BY: STANTEC
SHEET 49 OF 107