

ELEMENT	POINT TYPE	STATION	ELEVATION	LENGTH	ENTRANCE GRADE	EXIT GRADE	K	MIDDLE ORDINATE	SSD/HSD
SYMMETRICAL PARABOLA	PVRC	54+20.00	853.96	250	-0.71%	-3.38%	93.6496	-0.8342	
		54+50.00	853.70						
		55+00.00	853.06						
	PVI	55+45.00	853.08						
		55+50.00	852.14						
		56+00.00	850.96						
		56+50.00	849.51						
LINEAR	PVT	56+70.00	848.86	9.781	-3.38%				
	PVC	56+79.78	848.53						
SYMMETRICAL PARABOLA	PVC	56+79.78	848.53	130	-3.38%	-2.34%	125.6991	0.1681	
		57+00.00	847.86						
	PVI	57+44.78	846.33						
		57+50.00	846.35						
LINEAR		58+00.00	845.04	224.219	-2.34%				
	PVT	58+09.78	844.81						
		58+09.78	844.81						
		58+50.00	843.87						
		59+00.00	842.70						
SYMMETRICAL PARABOLA		59+50.00	841.53	530	-2.34%	-8.76%	82.6408	-4.2488	
		60+00.00	840.35						
	PVC	60+34.00	839.56						
		60+34.00	839.56						
		60+50.00	839.17						
		61+00.00	837.75						
		61+50.00	836.03						
		62+00.00	834.00						
		62+50.00	831.68						
	PVI	62+99.00	833.35						
		63+00.00	829.05						
		63+50.00	826.11						
		64+00.00	822.88						
	64+50.00	819.34							
	65+00.00	815.50							
	65+50.00	811.36							
LINEAR	PVT	65+64.00	810.15	11	-8.76%				
	PVC	65+75.00	809.18						
SYMMETRICAL PARABOLA	PVC	65+75.00	809.18	480	-8.76%	-0.27%	56.5707	5.091	
		66+00.00	807.05						
		66+50.00	803.11						
		67+00.00	799.62						
		67+50.00	796.57						
		68+00.00	793.96						
	PVI	68+15.00	788.17						
		68+50.00	791.79						
		69+00.00	790.06						
		69+50.00	788.78						
		70+00.00	787.94						
	70+50.00	787.54							
LINEAR	PVT	70+55.00	787.52	147.5837	-0.27%				
		70+55.00	787.52						
		71+00.00	787.40						
	PVC	72+02.58	787.12						

ELEMENT	POINT TYPE	STATION	ELEVATION	LENGTH	ENTRANCE GRADE	EXIT GRADE	K	MIDDLE ORDINATE	SSD/HSD
SYMMETRICAL PARABOLA	PVC	72+02.58	787.12	470	-0.27%	-8.37%	58.0677	-4.7552	
		72+50.00	786.80						
		73+00.00	786.04						
		73+50.00	784.85						
		74+00.00	783.23						
	PVI	74+37.58	786.48						
		74+50.00	781.18						
		75+00.00	778.70						
		75+50.00	775.79						
		76+00.00	772.44						
		76+50.00	768.67						
LINEAR	PVT	76+72.58	766.83	70.2148	-8.37%				
	PVC	77+42.80	760.95						
SYMMETRICAL PARABOLA	PVC	77+42.80	760.95	150	-8.37%	-7.00%	110.0374	0.2556	
		77+50.00	760.35						
		78+00.00	756.32						
	PVI	78+17.80	754.68						
		78+50.00	752.51						
LINEAR	PVT	78+92.80	749.43	354.2015	-7.00%				
		78+92.80	749.43						
		79+00.00	748.92						
		79+50.00	745.42						
		80+00.00	741.92						
		80+50.00	738.42						
		81+00.00	734.92						
		81+50.00	731.42						
		82+00.00	727.92						
		82+47.00	724.63						
SYMMETRICAL PARABOLA	PVC	82+47.00	724.63	380	-7.00%	-2.73%	88.9387	2.0295	
		82+50.00	724.42						
		83+00.00	721.07						
		83+50.00	718.01						
		84+00.00	715.23						
	PVI	84+37.00	711.32						
		84+50.00	712.73						
		85+00.00	710.51						
		85+50.00	708.57						
		86+00.00	706.92						
LINEAR	PVT	86+27.00	706.14	102.1429	-2.73%				
		86+27.00	706.14						
	PVC	87+29.14	703.35						
SYMMETRICAL PARABOLA	PVC	87+29.14	703.35	160	-2.73%	-0.67%	77.712	0.4118	
		87+50.00	702.81						
		88+00.00	701.74						
	PVI	88+09.14	701.17						
		88+50.00	700.99						
	88+89.14	700.63							



VERTICAL ALIGNMENT TABLE SHEET #3

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

FILE NAME: p01c052.dgn
PROJECT LEADER: JLL
DESIGNED BY: STANTEC
IPARM FILE: p01c052vats03.i

PLOT DATE: 18-MAY-2012
DRAWN BY: STANTEC
CHECKED BY: STANTEC
SHEET 47 OF 107