



ALIGNMENT ROAD 1										
LOCATION	CHAINAGE	EASTING	NORTHINGS	LEVEL	RADIUS	BEARINGS	ANGLE	ARC LENGTH	TANG.	
JPI-1	0.000	345054.419	350843.712	9.983		31.62875				
CP1-1	5.000	345057.581	350841.895	10.033						
CP1-2	10.000	345059.863	350832.226	10.083						
CP1-3	15.000	345062.285	350819.684	10.133						
CP1-4	20.000	345064.907	350803.741	10.183						
CP1-5	25.000	345067.529	350784.968	10.233						
TP1-14	28.688	345068.878	350766.751	10.283						
IP1-1		345072.552	350873.154							
CP1-6	30.000	345073.614	350860.877	10.281						
CP1-7	35.000	345076.323	350870.359	10.239						
TP1-16	38.888	345078.984	350880.112	10.291						
CP1-8	40.000	345079.929	350888.503	10.188						
CP1-9	45.000	345084.168	350880.837	10.138						
CP1-10	50.000	345088.381	350863.175	10.088						
CP1-11	55.000	345092.617	350830.503	10.038						
CP1-12	60.000	345096.848	350797.830	9.988						
TP1-24	62.088	345098.567	350766.732	9.969						
IP1-3		345095.909	350852.115							
CP1-13	65.000	345097.284	350830.897	9.944						
CP1-14	70.000	345099.216	350803.798	9.936						
CP1-15	75.000	345097.300	350785.571	9.981						
TP1-26	78.888	345097.818	350760.254	9.989						
CP1-16	80.000	345097.162	350750.876	10.031						
CP1-17	85.000	345095.960	350736.793	10.081						
CP1-18	90.000	345098.819	350730.915	10.131						
CP1-19	95.000	345097.846	350721.038	10.181						
CP1-20	100.000	345094.476	350719.161	10.231						
CP1-21	105.000	345097.305	350705.284	10.281						
CP1-22	110.000	345093.133	350687.407	10.233						
CP1-23	115.000	345092.962	350687.330	10.183						
CP1-24	120.000	345092.791	350686.853	10.133						
CP1-25	125.000	345094.611	350690.776	10.083						
CP1-26	130.000	345094.448	350693.899	10.038						
CP1-27	135.000	345094.277	350690.022	10.008						
CP1-28	140.000	345097.105	350692.145	10.087						
CP1-29	145.000	345098.934	350698.268	10.117						
CP1-30	150.000	345097.762	350692.391	10.167						
CP1-31	155.000	345095.591	350684.514	10.217						
CP1-32	160.000	345098.420	350690.637	10.267						
CP1-33	165.000	345097.248	350692.760	10.317						
CP1-34	170.000	345094.077	350690.883	10.367						
CP1-35	175.000	345096.906	350684.006	10.417						
CP1-36	180.000	345098.734	350680.129	10.466						
CP1-37	185.000	345097.562	350680.252	10.472						
CP1-38	190.000	345095.391	350693.375	10.423						
CP1-39	195.000	345098.220	350697.498	10.363						
CP1-40	200.000	345097.048	350696.621	10.313						
CP1-41	205.000	345093.877	350690.744	10.263						
CP1-42	210.000	345096.706	350690.867	10.213						
CP1-43	215.000	345098.535	350697.990	10.163						
CP1-44	220.000	345092.363	350697.113	10.114						
CP1-45	225.000	345097.192	350698.236	10.119						
CP1-46	230.000	345098.020	350696.359	10.163						
CP1-47	235.000	345090.849	350690.482	10.203						
CP1-48	240.000	345093.678	350684.605	10.253						
EPI-1	243.800	345095.827	350697.738	10.281						

JUNCTION DETAILS - ROAD 1 - LOWER RD. LH Side										
Curve 1	E	N	Level	Radius						
Centre C1:	345051.353	350847.840	2.000							
Start TP1:	345052.388	350846.116	10.000							
End TP2:	345053.095	350846.792	9.934							

JUNCTION DETAILS - ROAD 1 - LOWER RD. RH Side										
Curve 2	E	N	Level	Radius						
Centre C2:	345059.548	350842.981	2.000							
Start TP3:	345059.535	350841.537	9.964							
End TP4:	345057.845	350844.030	9.935							

ALIGNMENT ROAD 2										
LOCATION	CHAINAGE	EASTING	NORTHINGS	LEVEL	RADIUS	BEARINGS	ANGLE	ARC LENGTH	TANG.	
JPI-1	0.000	345086.951	350504.863	9.895		32.21689				
CP1-1	5.000	345087.716	350503.093	9.845						
CP1-2	10.000	345089.382	350493.323	9.805						
CP1-3	15.000	345090.047	350487.053	9.871						
CP1-4	20.000	345090.713	350484.783	9.908						
CP1-5	25.000	345090.379	350484.013	9.910						
CP1-6	30.000	345091.044	350480.244	9.860						
CP1-7	35.000	345093.719	350484.474	9.800						
IP1-2	36.888	345094.281	350486.390	9.800						

JUNCTION DETAILS - ROAD 2 - LOWER RD. LH Side										
Curve 1	E	N	Level	Radius						
Centre C1:	345082.655	350503.751	2.000							
Start TP1:	345081.584	350507.052	9.861							
End TP2:	345084.547	350502.885	9.862							

JUNCTION DETAILS - ROAD 2 - LOWER RD. RH Side										
Curve 2	E	N	Level	Radius						
Centre C2:	345089.574	350492.981	2.000							
Start TP3:	345089.499	350492.865	9.834							
End TP4:	345087.682	350495.477	9.852							

JUNCTION DETAILS - ROAD 2 - ROAD 1. LH Side										
Curve 1	E	N	Level	Radius						
Centre C1:	345096.467	350498.858	2.000							
Start TP1:	345096.344	350498.739	9.827							
End TP2:	345097.346	350492.779	9.880							

JUNCTION DETAILS - ROAD 2 - ROAD 1. RH Side										
Curve 2	E	N	Level	Radius						
Centre C2:	345092.542	350494.995	2.000							
Start TP3:	345092.500	350494.827	9.813							
End TP4:	345091.198	350492.438	9.852							

ALIGNMENT ROAD 3										
LOCATION	CHAINAGE	EASTING	NORTHINGS	LEVEL	RADIUS	BEARINGS	ANGLE	ARC LENGTH	TANG.	
JPI-1	0.000	345092.975	350582.397	9.990		124.45264				
TP1-14	2.000	345094.499	350580.669	9.951		124.45264				
IP1-1		345096.765	350588.424	9.877						
CP1-1	5.000	345097.294	350588.760	10.022						
CP1-2	10.000	345092.111	350580.221	10.072						
TP1-16	10.000	345092.629	350580.326	10.027						
CP1-3	15.000	345097.984	350586.341	10.072						
CP1-4	20.000	345091.853	350581.477	10.122						
CP1-5	25.000	345098.723	350582.812	10.172						
EPI-1	26.004	345097.721	350582.840	10.182						

JUNCTION DETAILS - ROAD 3 - ROAD 1. LH Side										
Curve 1	E	N	Level	Radius						
Centre C1:	345093.129	350580.960	2.000							
Start TP1:	345093.358	350587.658	10.028							
End TP2:	345093.882	350580.952	9.972							

JUNCTION DETAILS - ROAD 3 - ROAD 1. RH Side										
Curve 2	E	N	Level	Radius						
Centre C2:	345097.830	350584.221	10.000							
Start TP3:	345099.612	350583.104	9.867							
End TP4:	345097.682	350585.148	9.923							

ALIGNMENT ROAD 4										
LOCATION	CHAINAGE	EASTING	NORTHINGS	LEVEL	RADIUS	BEARINGS	ANGLE	ARC LENGTH	TANG.	
JPI-1	0.000	345098.750	350587.421	9.990		124.46132				
CP1-1	5.000	345092.872	350584.592	10.071						
CP1-2	10.000	345096.995	350581.753	10.021						
CP1-3	15.000	345091.117	350578.934	9.971						
CP1-4	20.000	345095.240	350576.104	9.921						
EPI-1	21.226	345096.325	350575.303	9.908						

JUNCTION DETAILS - ROAD 4 - ROAD 1 LH Side					
Curve 1	E	N	Level	Radius	
Centre O1:	345811.262	385989.750		6.000	
Start TP1:	345806.314	385993.145	10.181		
End TP2:	345807.867	385984.803	9.956		

JUNCTION DETAILS - ROAD 4 - ROAD 1 RH Side					
Curve 2	E	N	Level	Radius	
Centre O2:	345801.079	385974.907		6.000	
Start TP3:	345796.131	385978.302	10.046		
End TP4:	345804.474	385979.854	9.956		