

Key:

ALIGNMENT CL1									
LOCATION	CHANGING	EASTING	NORTHING	LEVEL	RADIUS	BEARING	ANGLE	ARC LENGTH	TANL
SPCL1-1	0.000	980.288	5114.880	102.775					
CPCL1-1	10.000	989.285	5118.926	102.463		64.11043			
CPCL1-2	20.000	988.281	5123.262	102.150					
CPCL1-3	30.000	977.277	5127.599	101.838					
CPCL1-4	40.000	986.274	5132.025	101.525					
CPCL1-5	50.000	965.270	5136.362	101.212					
TPCL1-1a	55.999	1000.386	5138.972	100.903	12.000	64.11043	80.00000	18.850	12.000
IPCL1-1	101.1382	5144.211							
CPCL1-6	60.000	1004.497	5140.102	100.504					
CPCL1-7	70.000	1013.760	5137.779	100.219					
TPCL1-1b	74.799	1016.621	5133.416	99.897		154.11043			
CPCL1-8	80.000	1018.910	5128.700	99.543					
CPCL1-9	90.000	1023.276	5119.704	98.868					
CPCL1-10	100.000	1027.643	5110.707	98.345					
CPCL1-11	110.000	1032.009	5101.711	97.906					
CPCL1-12	120.000	1036.375	5092.715	97.466					
CPCL1-13	130.000	1040.742	5083.718	97.026					
CPCL1-14	140.000	1045.108	5074.722	96.586					
CPCL1-15	150.000	1049.475	5065.726	96.146					
TPCL1-2a	154.285	1051.345	5061.671	95.719	12.000	154.11043	90.00000	18.850	12.000
IPCL1-2	156.566	1056.586	5051.075						
CPCL1-16	160.000	1054.949	5057.505	97.445					
CPCL1-17	170.000	1064.415	5055.538	97.369					
TPCL1-2b	173.134	1067.381	5056.315	97.370		64.11043			
CPCL1-18	180.000	1073.557	5059.313	97.418					
CPCL1-19	190.000	1082.554	5063.079	97.538					
CPCL1-20	200.000	1091.550	5066.846	97.503					
CPCL1-21	210.000	1100.547	5072.412	97.243					
CPCL1-22	220.000	1109.543	5076.778	96.910					
TPCL1-3a	220.199	1109.722	5076.865	96.903	12.000	64.11043	30.93750	6.480	3.321
IPCL1-3	220.199	1112.716	5078.315						
TPCL1-3b	226.679	1116.018	5078.523	96.688					
CPCL1-23	230.000	1119.328	5077.731	96.577					
CPCL1-24	240.000	1128.287	5076.881	96.244					
CPCL1-25	250.000	1136.249	5075.971	95.911					
CPCL1-26	260.000	1144.210	5075.091	95.578					
CPCL1-27	270.000	1152.171	5074.211	95.245					
EPCL1-1	274.700	1163.883	5073.738	95.089		95.04793			

ALIGNMENT CL2									
LOCATION	CHANGING	EASTING	NORTHING	LEVEL	RADIUS	BEARING	ANGLE	ARC LENGTH	TANL
JPCCL1-1	0.000	1036.667	5093.370	-99.900		244.11043			
CPCL1-1	10.000	1027.061	5089.004	98.248					
CPCL1-2	20.000	1016.965	5084.637	98.746					
CPCL1-3	30.000	1009.068	5080.271	99.243					
CPCL1-4	40.000	1000.072	5075.905	99.740					
CPCL1-5	50.000	991.076	5071.538	100.237					
JPCCL1-2	54.830	986.730	5069.429	-99.900		244.11043			

ALIGNMENT CL3									
LOCATION	CHANGING	EASTING	NORTHING	LEVEL	RADIUS	BEARING	ANGLE	ARC LENGTH	TANL
SPCL1-1	0.000	980.944	5081.349	100.585		154.11043			
CPCL1-1	10.000	985.311	5072.353	100.335					
CPCL1-2	20.000	989.677	5063.356	100.085					
EPCL1-1	25.500	992.515	5057.589	99.822		154.11043			

ALIGNMENT CL4									
LOCATION	CHANGING	EASTING	NORTHING	LEVEL	RADIUS	BEARING	ANGLE	ARC LENGTH	TANL
CPCL1-1	0.000	1029.310	5107.273	-99.900		64.11043			
CPCL1-1	10.000	1038.306	5111.639	98.375					
CPCL1-2	20.000	1047.303	5116.005	98.493					
CPCL1-3	30.000	1056.299	5120.372	98.611					
CPCL1-4	40.000	1065.295	5124.738	98.729					
CPCL1-5	50.000	1074.292	5129.104	98.847					
CPCL1-6	60.000	1083.288	5133.471	-99.900		64.11043			
JPCCL1-2	62.400	1085.447	5134.519	-99.900					

ALIGNMENT CL5									
LOCATION	CHANGING	EASTING	NORTHING	LEVEL	RADIUS	BEARING	ANGLE	ARC LENGTH	TANL
JPCCL1-1	0.000	1112.929	5077.896	-99.900		334.11043			
CPCL1-1	10.000	1108.562	5086.893	97.119					
CPCL1-2	20.000	1104.196	5096.889	97.452					
CPCL1-3	30.000	1099.830	5104.885	97.786					
CPCL1-4	40.000	1095.463	5113.882	98.119					
CPCL1-5	50.000	1091.097	5122.879	98.452					
CPCL1-6	60.000	1086.731	5131.875	98.785					
CPCL1-7	70.000	1082.364	5140.871	99.119					
CPCL1-8	80.000	1077.998	5149.867	99.452					
TPCL1-1a	80.210	1077.906	5150.056	99.459					
IPCL1-1	80.210	1077.803	5150.145		1.000	334.11043	11.27572	0.197	0.089
TPCL1-1b	80.407	1077.803	5150.224	99.466					
TPCL1-2a	84.531	1075.312	5153.510	99.603					
IPCL1-2	84.728	1075.252	5153.589		1.000	334.11043	11.27572	0.197	0.089
TPCL1-2b	84.728	1075.209	5153.678	99.610					
CPCL1-9	90.000	1072.907	5158.421	99.765					
CPCL1-10	100.000	1068.541	5167.417	100.119					
CPCL1-11	110.000	1064.174	5176.414	100.452					
EPCL1-1	118.824	1060.540	5183.902	-99.900		334.11043			

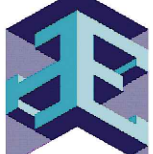
ALIGNMENT CL6									
LOCATION	CHANGING	EASTING	NORTHING	LEVEL	RADIUS	BEARING	ANGLE	ARC LENGTH	TANL
JPCCL1-1	0.000	1067.447	5169.671	-99.900		64.11043			
CPCL1-1	10.000	1076.443	5174.037	100.477					
EPCL1-1	13.883	1079.945	5175.737	100.672		64.11043			

ALIGNMENT CL7									
LOCATION	CHANGING	EASTING	NORTHING	LEVEL	RADIUS	BEARING	ANGLE	ARC LENGTH	TANL
JPCCL1-1	0.000	1091.589	5121.906	-99.900		64.10874			
CPCL1-1	10.000	1100.565	5126.272	98.254					
CPCL1-2	20.000	1109.561	5130.638	98.129					
CPCL1-3	30.000	1118.558	5135.006	98.004					
CPCL1-4	40.000	1127.554	5139.372	97.879					
TPCL1-1a	47.896	1134.517	5142.781	97.781	1.000	64.10874	45.00168	0.785	0.414
IPCL1-1	47.896	1134.949	5142.962						
TPCL1-1b	48.592	1135.341	5142.826	97.770		106.11043			
CPCL1-5	50.000	1136.671	5142.865	97.745					
TPCL1-2a	54.991	1141.387	5140.731	97.662	1.000	106.11043	45.00000	0.785	0.414
IPCL1-2	55.777	1141.779	5140.596						
TPCL1-2b	55.777	1141.969	5140.223	97.646		154.11043			
CPCL1-6	60.000	1143.004	5136.423	97.552					
CPCL1-7	70.000	1148.710	5127.427	97.273					
TPCL1-3a	72.968	1149.422	5124.847	97.167	1.000	154.11043	30.98373	0.541	0.277
IPCL1-3	73.408	1149.543	5124.598						
TPCL1-3b	73.408	1149.519	5124.322	97.170					
CPCL1-8	80.000	1148.933	5117.756	96.973					
CPCL1-9	90.000	1148.046	5107.796	96.673					
CPCL1-10	100.000	1147.158	5097.835	96.373					
CPCL1-11	110.000	1146.270	5087.875	96.073					
CPCL1-12	120.000	1145.382	5077.914	-99.900		185.09416			
EPCL1-2	124.475	1145.362	5076.449	-99.900					

P2	LAYOUT AMENDED	06.09.22	RT
P1	FIRST ISSUE	28.09.21	RT

No.	Revision	Date	Drwn
-----	----------	------	------

Status PRELIMINARY



**TOPPING
ENGINEERS**
CONSULTING CIVIL &
STRUCTURAL ENGINEERS

Windsor House, Cornwall Road
Harrogate, HG1 2PW
t: 01423 522 293
w: www.topping-engineers.com
e: info@topping-engineers.com

Client
NETHERTON BUILDING AND CONSTRUCTION LTD

Project
WAKEFIELD ROAD
MAPPLEWELL

Drawing title
Horizontal Alignments

Drawn	RT	Chkd	AD	Date	SEPT 21	Scale	1/500
Contract No.	21524-DR-C	Drg No.	0110	Revision	P2		