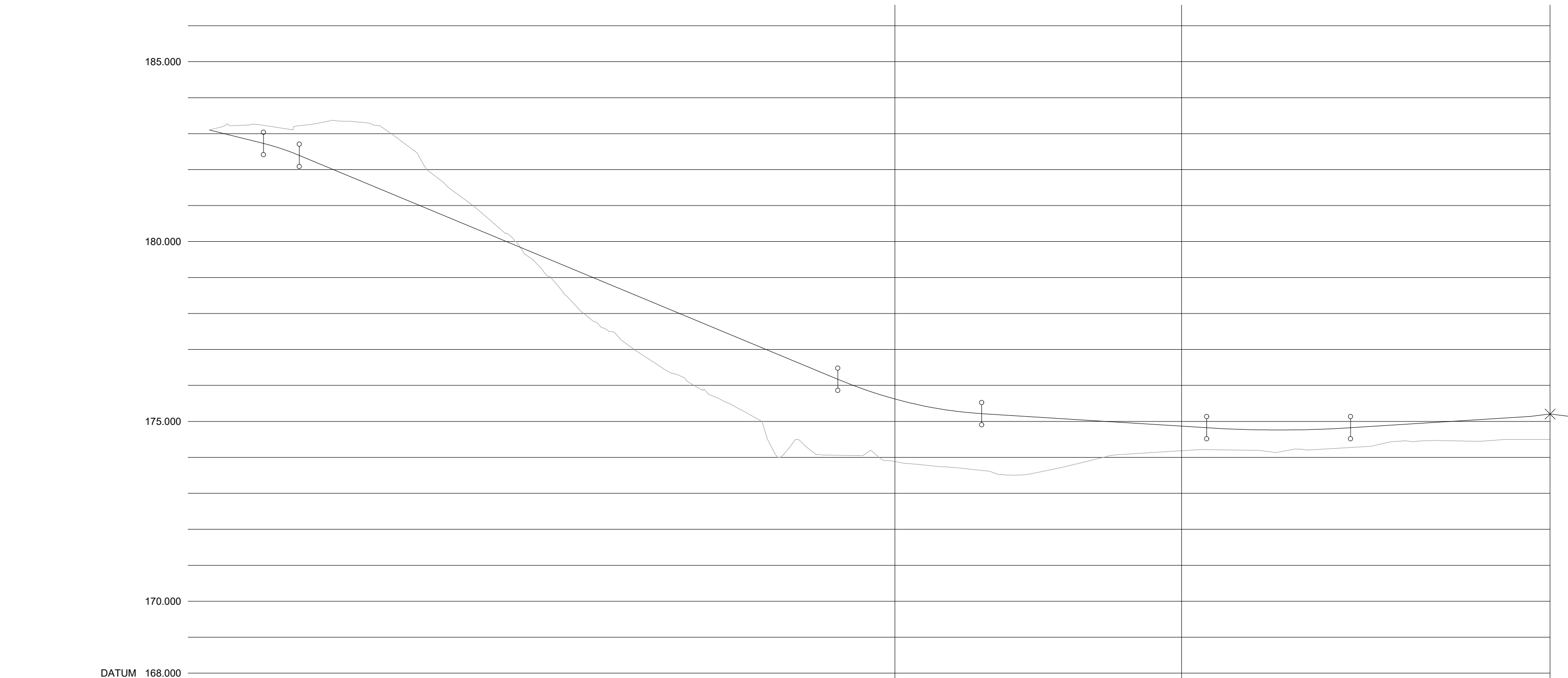
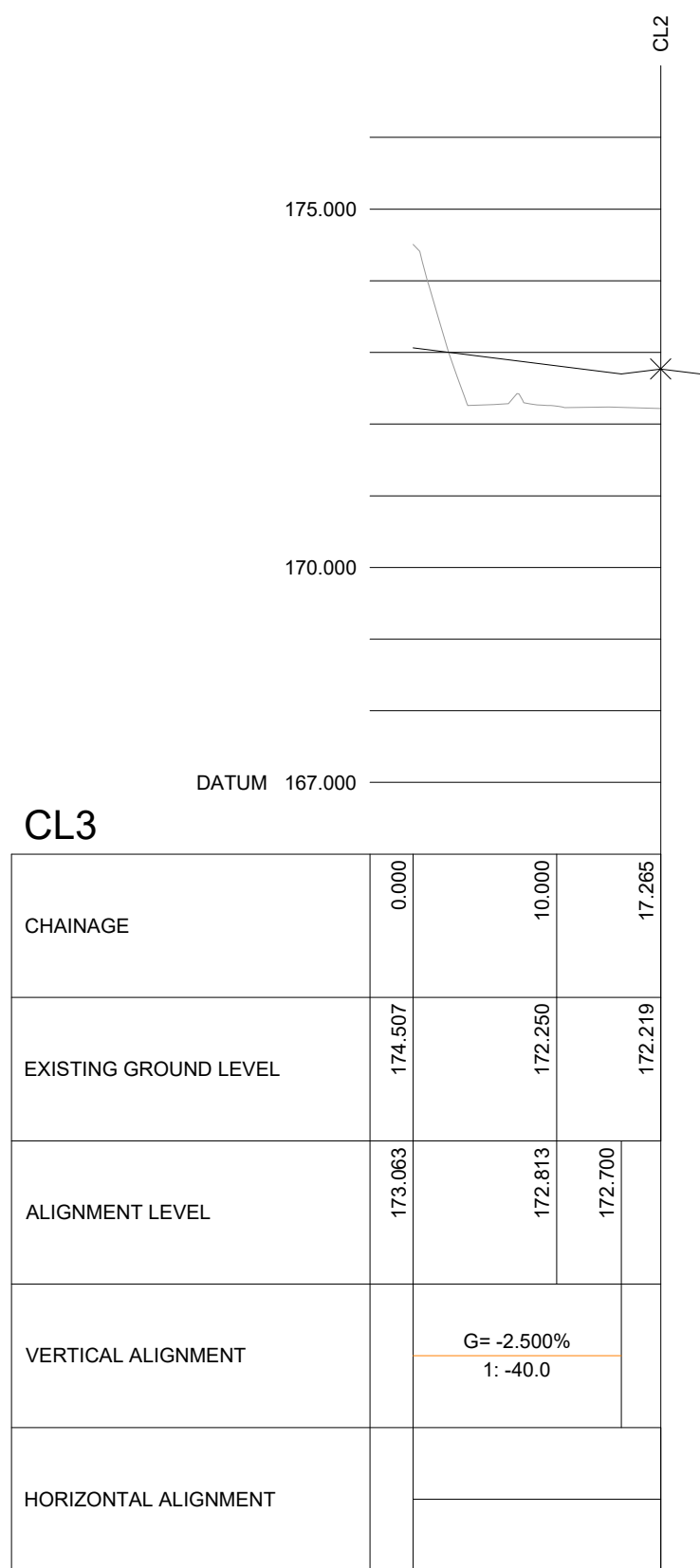


Notes:

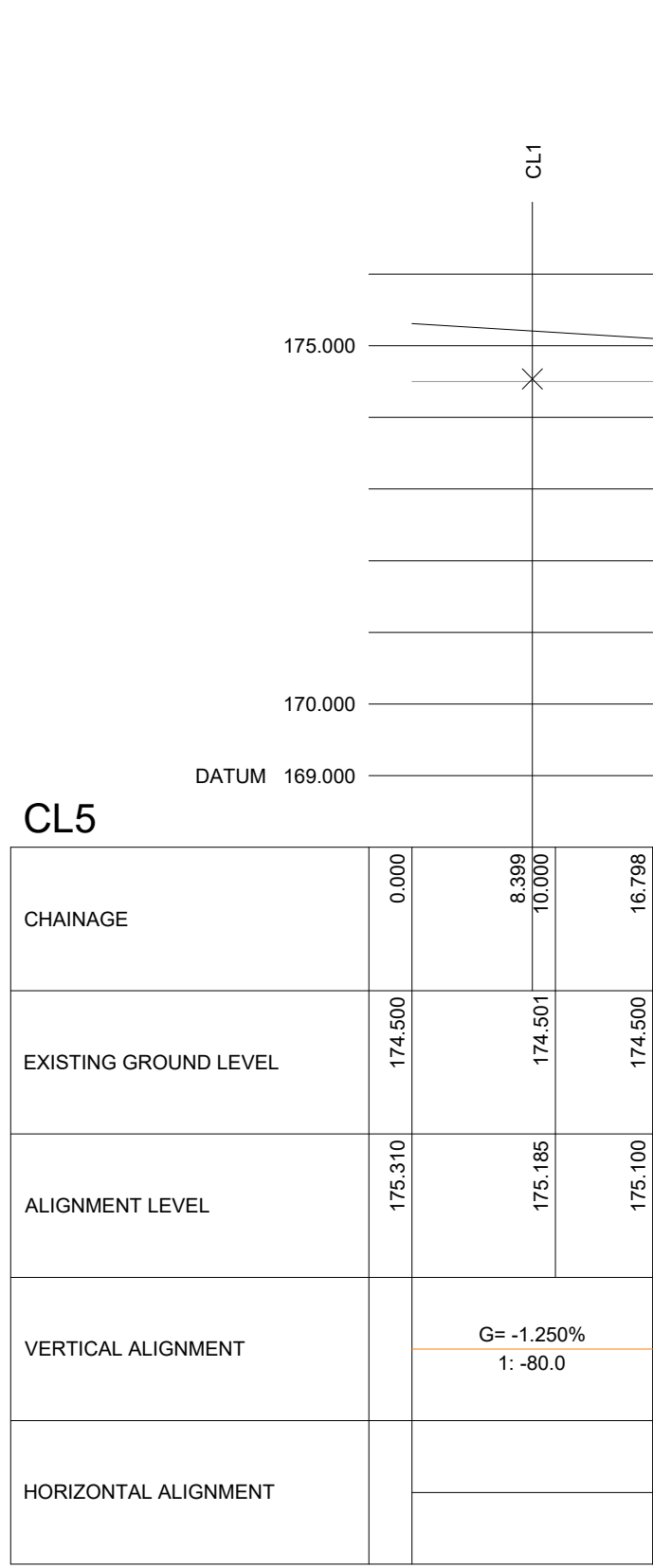
1. This drawing is to be read in conjunction with all relevant architect's and engineer's drawings.
2. It is assumed that all works will be carried out by a competent contractor working, where appropriate, to an approved method statement.



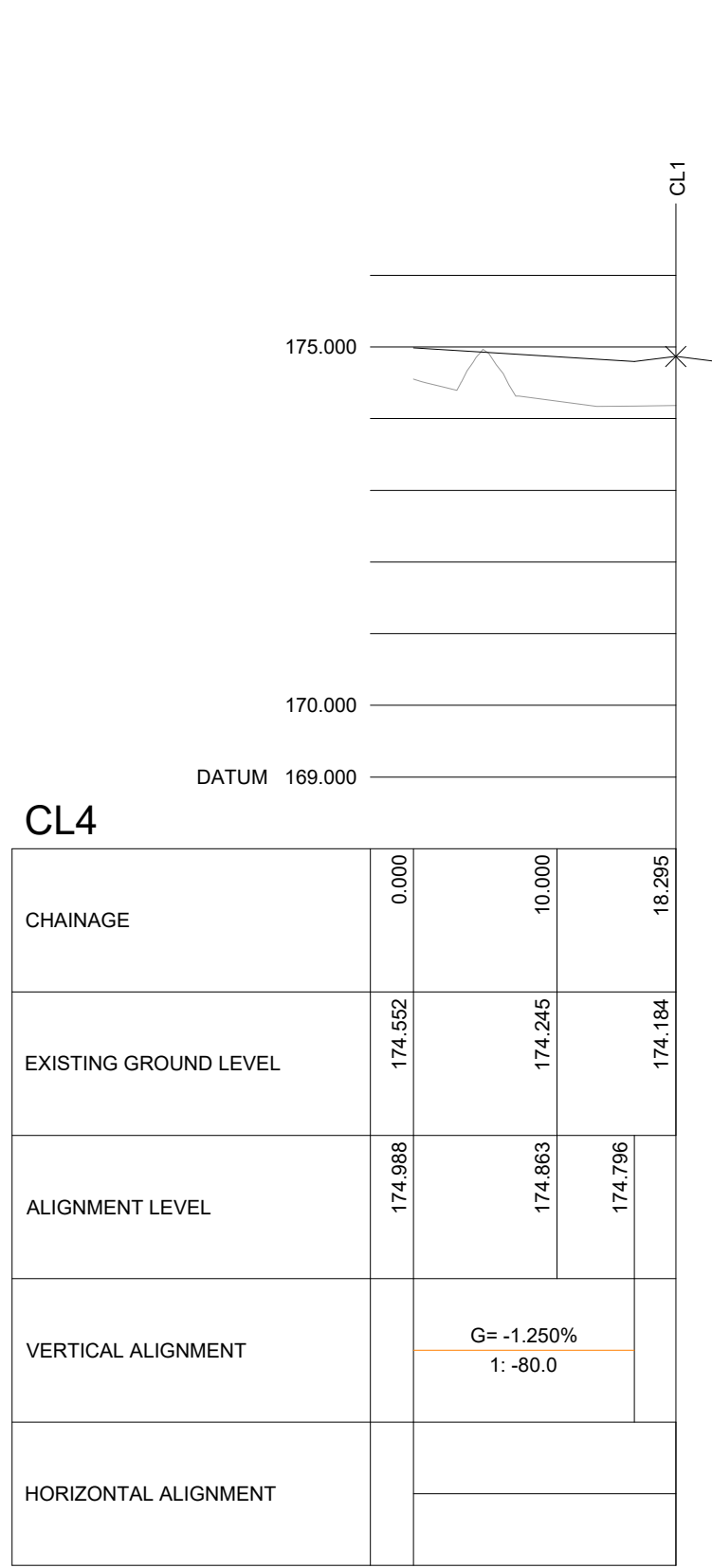
CL1																																																															
CHAINAGE	0.000			7.515	10.000	12.485		20.000				30.000		36.108		40.000				50.000		60.000	61.828		70.000				80.000		87.586	90.000	100.000	105.000	107.586	110.000			120.000	122.616		130.000		135.152	138.640	140.000	145.000	148.640	150.000	155.000	158.640	160.000	160.599	166.589									
EXISTING GROUND LEVEL	183.102			183.154				183.333				182.060			180.425					178.386			178.855			175.704				174.087			173.776			173.525			173.791			174.120			174.212		174.186			174.291			174.467			174.500		174.501					
ALIGNMENT LEVEL	183.102			182.726	182.562	182.396		181.771				180.940			180.108				179.277			178.446			177.614				176.783			176.171	175.964	175.639	175.403	175.254	175.215	175.182			175.057			174.932			174.824	174.808	174.770	174.762	174.753	174.787			174.824	174.841			174.966			175.091	175.136
VERTICAL ALIGNMENT	G= -5.000%		L= 4.970		G= -8.313%										KF= 2.83156										G= -1.250%										KF= 8.0										G= 1.250%																		
	1: -20.0		KF= -1.50		1: -12.0										L= 20.000										1: -80.0										L= 20.000										1: 80.0																		
HORIZONTAL ALIGNMENT											R= 25.000										R= 20.000																				R= 20.000																						



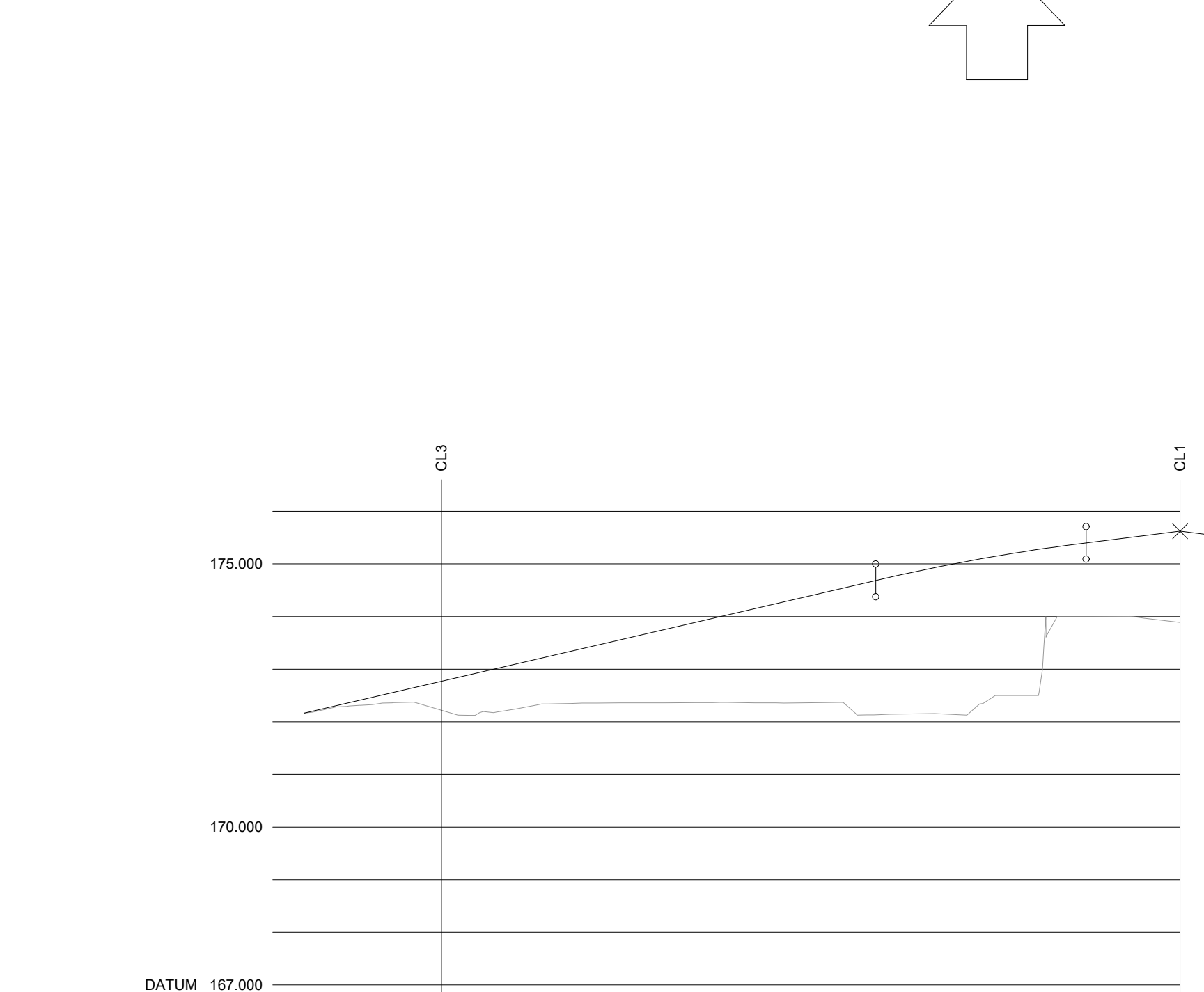
CHAINAGE	0.000	10.000	17.285
EXISTING GROUND LEVEL	174.507	172.250	172.219
ALIGNMENT LEVEL	173.883	172.813	172.700
VERTICAL ALIGNMENT	G= -2.500% 1: -40.0		
HORIZONTAL ALIGNMENT			



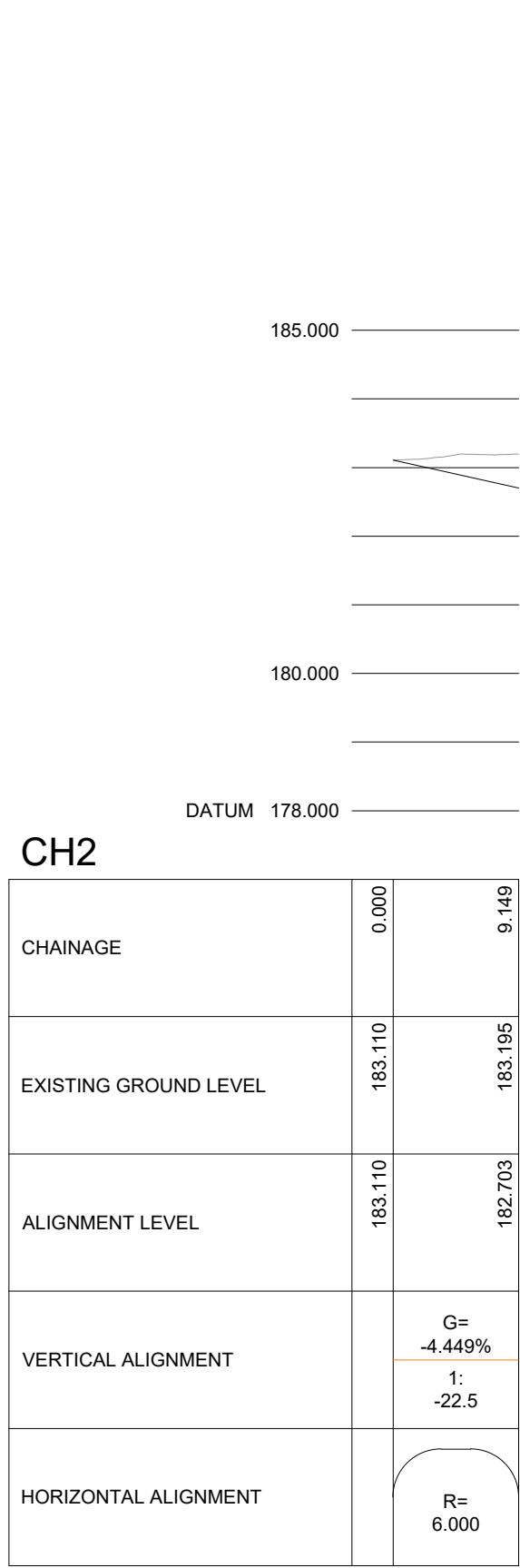
CHAINAGE	0.000	8.399	10.000	16.798
EXISTING GROUND LEVEL	174.500	174.501		174.500
ALIGNMENT LEVEL	175.310	175.185		175.100
VERTICAL ALIGNMENT	G= -1.250% 1: -80.0			
HORIZONTAL ALIGNMENT				



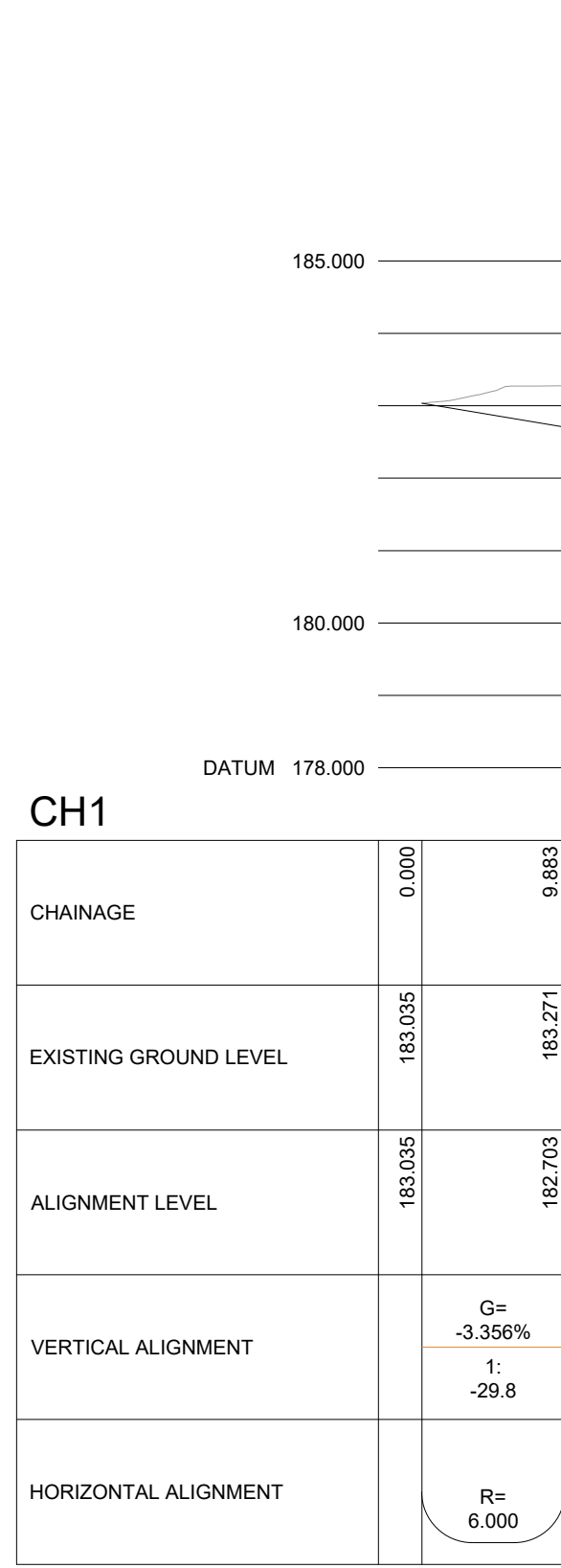
CHAINAGE	0.000	10.000	18.295
EXISTING GROUND LEVEL	174.532	174.245	174.184
ALIGNMENT LEVEL	174.988	174.863	174.796
VERTICAL ALIGNMENT	G= -1.250% 1: -80.0		
HORIZONTAL ALIGNMENT			



CL2																
CHAINAGE	0.000		10.000	13.027	20.000	30.000	40.000	50.000	54.822	60.000	63.881	65.000	70.000	74.822	80.000	83.180
EXISTING GROUND LEVEL	172.164	172.370	172.242	172.359	172.367	172.367	172.367	172.367	172.157	172.846	173.964	173.888				
ALIGNMENT LEVEL	172.164	172.628	173.093	173.558	174.023	174.487	174.951	174.934	175.123	175.284	175.401	175.846	176.310	176.388		
VERTICAL ALIGNMENT	G= 4.647% 1: 21.5									L= 20.000 KF= -9.31476			G= 2.500% 1: 40.0			
HORIZONTAL ALIGNMENT											R= 15.000					



CHAINAGE	0.000	9.149
EXISTING GROUND LEVEL	183.110	183.195
ALIGNMENT LEVEL	183.110	182.703
VERTICAL ALIGNMENT	G= -4.449% 1: -22.5	
HORIZONTAL ALIGNMENT	R= 6.000	



CHAINAGE	0.000	9.883
EXISTING GROUND LEVEL	183.035	183.271
ALIGNMENT LEVEL	183.035	182.703
VERTICAL ALIGNMENT	G= -3.356% 1: -29.8	
HORIZONTAL ALIGNMENT	R= 6.000	

No.	Revision	Date	Dwn
Status PRELIMINARY			
TOPPING ENGINEERS CONSULTING CIVIL & STRUCTURAL ENGINEERS Aire House, 12 Victoria Avenue Harrogate, HG1 1ED t: 01423 522 293 w: www.topping-engineers.com e: info@topping-engineers.com			
Client SIGNATURE HOMES			
Project NEW MILL ROAD HOLMFIRTH			
Drawing title S38 VERTICAL ALIGNMENT			
Drawn RT	Chkd AD	Date Mar 2020	Scale As Shown @ A1
Contract No. 19539	Drig No. DR-C-0134	Revision	P1