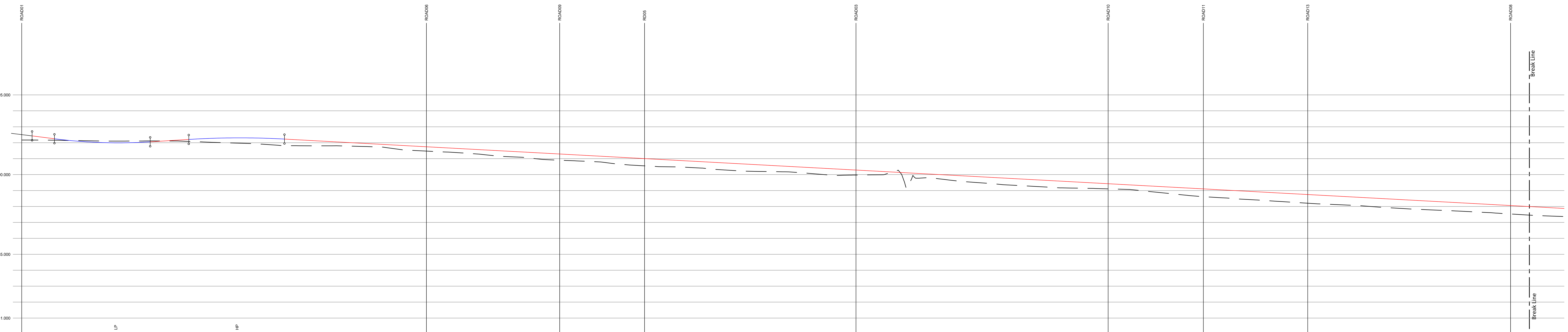
Key

- Vertical straight.
- Vertical curve.
- Existing ground profile.

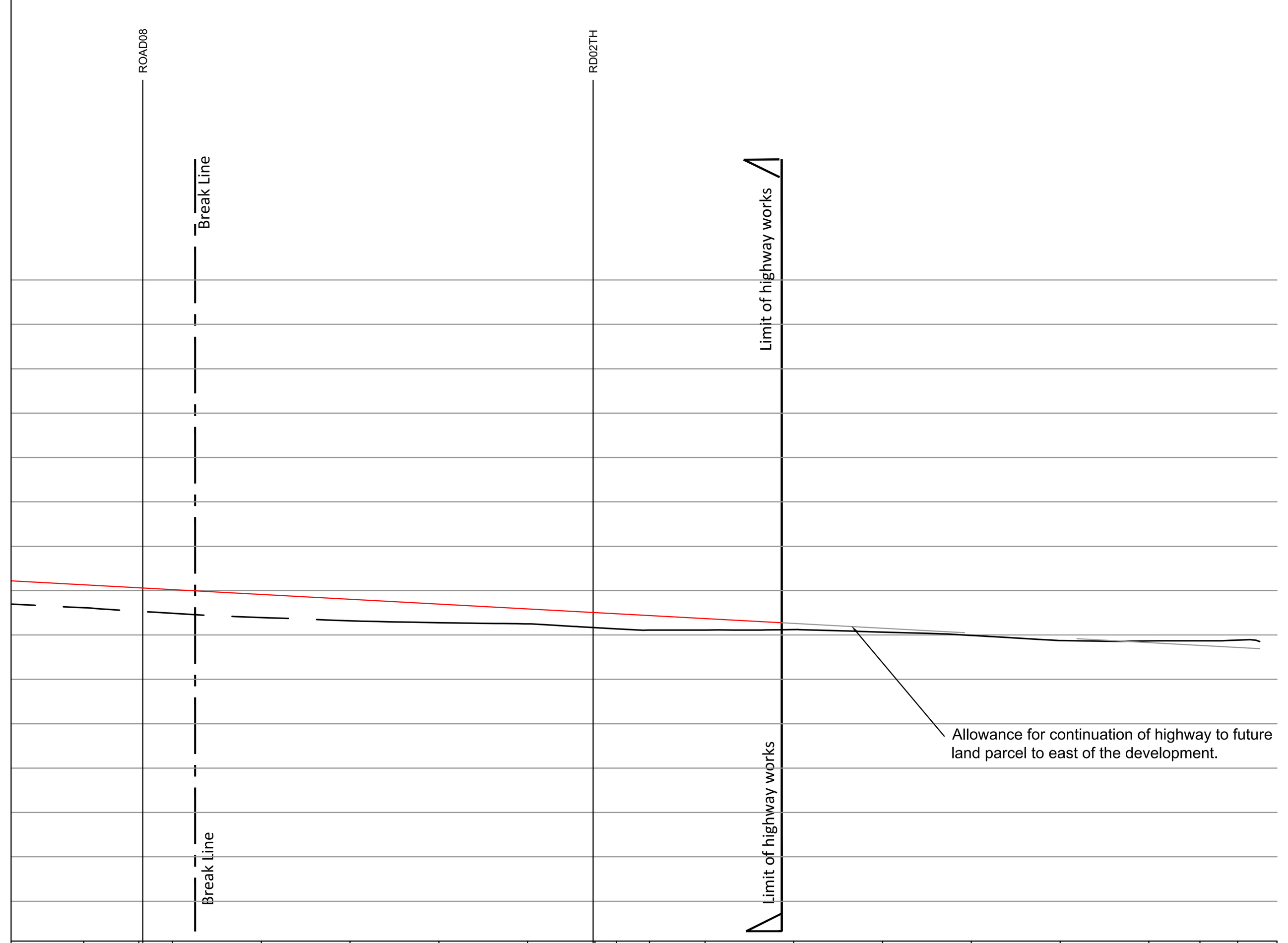
NOTES:

1. Topographical survey provided by Cala Homes (Dando survey ltd, Feb 2023).
2. Do not scale from this drawing.
3. All dimensions in metres unless otherwise indicated.
4. This drawing shall be read in conjunction with all current Hydrock consultants drawings.

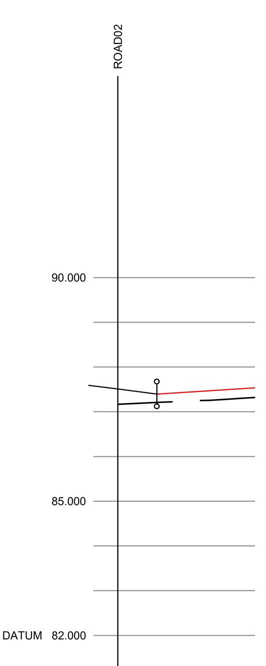


ROAD02

CHAINAGE	0.000, 3.251, [illegible], 15.000, 20.000, 25.000, [illegible], 35.000, [illegible], 50.000, 52.354, 55.000, 60.000, 65.000, 68.410, 70.000, 75.000, 80.000, 82.354, 90.000, 100.000, 110.000, 120.000, 126.841, 130.000, 140.000, 150.000, 160.000, 168.605, 170.000, 180.000, 183.006, 190.000, 195.209, 200.000, 208.191, 210.000, 220.000, 230.000, 240.000, 250.000, 260.000, 261.486, 270.000, 280.000, 282.733, [illegible], 300.000, 310.000, 320.000, 330.000, [illegible], 350.000, 353.050, 360.000, [illegible], 380.000, 390.000, 400.000, 403.059, 410.000, 420.000, 430.000, 440.000, 450.000, 460.000, [illegible], 470.000, 480.000
EXISTING GROUND LEVEL	92.171, 92.157, 92.125, 92.103, 92.113, 92.100, 92.023, 91.960, 91.843, 91.808, 91.801, 91.746, 91.544, 91.443, 91.331, 91.148, 91.020, 90.892, 90.807, 90.610, 90.498, 90.441, 90.293, 90.201, 90.173, 90.026, 89.970, 89.992, 89.799, 89.676, 89.494, 89.341, 89.231, 89.153, 89.109, 89.009, 88.808, 88.619, 88.503, 88.369, 88.245, 88.135, 88.042, 87.905, 87.800, 87.714, 87.614, 87.488, 87.394
ALIGNMENT LEVEL	92.426, [illegible], 92.142, 92.060, 92.011, [illegible], 92.006, [illegible], 92.176, 92.205, 92.236, 92.278, 92.301, 92.306, 92.305, 92.289, 92.253, 92.230, 92.147, 92.039, 91.930, 91.821, 91.713, 91.604, 91.496, 91.387, 91.279, 91.170, 91.062, 90.953, 90.844, 90.736, 90.627, 90.519, 90.410, 90.302, 90.193, 90.085, 89.976, 89.868, 89.759, 89.650, 89.542, 89.433, 89.325, 89.216, 89.108, 88.999, 88.891, 88.782, 88.673, 88.565, 88.456, 88.348, 88.239, 88.131, 88.022, 87.914
VERTICAL ALIGNMENT	G= -2.540% 1: -39.4; KF= 7.91625 L= 30.000; G= 1.250% 1: 80.0; L= 30.000 KF= -12.84518; G= -1.086% 1: -92.1
HORIZONTAL ALIGNMENT	R= 100.000; R= 100.000; R= 100.000

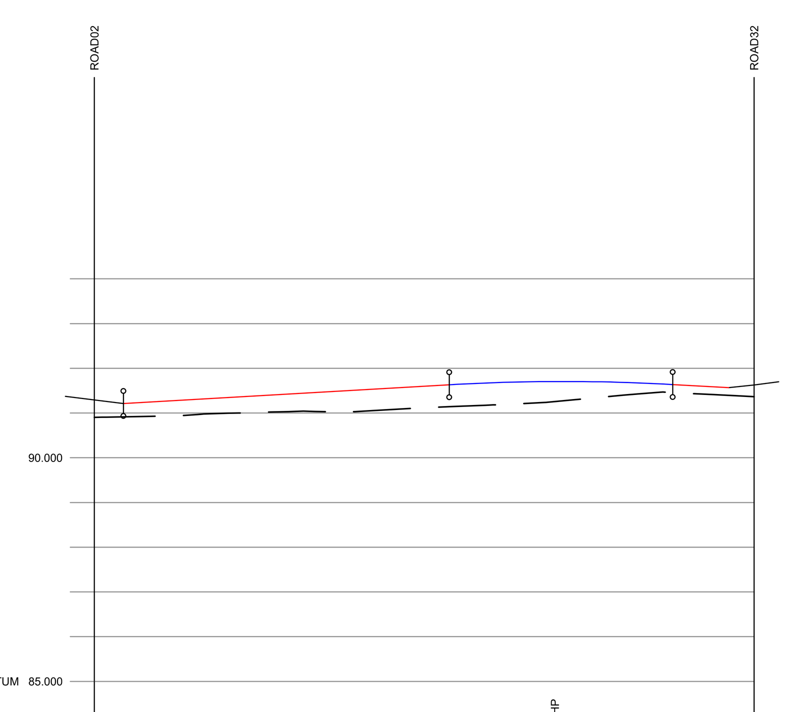


CHAINAGE	460.000, [illegible], 470.000, 480.000, 490.000, 500.000, 510.000, [illegible], 520.000, 523.727, 530.000, 540.000, 550.000, 560.000, 570.000, 580.000, 585.764, 590.000, 594.436
EXISTING GROUND LEVEL	87.614, 87.488, 87.394, 87.319, 87.276, 87.251, 87.140, 87.112, 87.121, 87.067, 86.992, 86.874, 86.868, 86.855
ALIGNMENT LEVEL	88.131, 88.022, 87.914, 87.805, 87.697, 87.588, 87.479, 87.371, 87.262, 87.154, 87.045, 86.937, 86.828, 86.720, 86.693
VERTICAL ALIGNMENT	
HORIZONTAL ALIGNMENT	R= 53.250; R= 59.525



RD02TH

CHAINAGE	0.000, 4.352, 10.000, 15.254
EXISTING GROUND LEVEL	87.168, 87.255, 87.320
ALIGNMENT LEVEL	87.397, 87.468, 87.534
VERTICAL ALIGNMENT	G= 1.250% 1: 80.0
HORIZONTAL ALIGNMENT	



ROAD09

CHAINAGE	0.000, 3.251, 10.000, 20.000, 30.000, [illegible], 45.000, 50.000, 52.412, 55.000, 60.000, 64.697, 70.000, 73.792
EXISTING GROUND LEVEL	90.903, 90.945, 91.023, 91.042, 91.143, 91.234, 91.415, 91.404, 91.364
ALIGNMENT LEVEL	91.213, 91.291, 91.406, 91.521, [illegible], 91.681, 91.703, 91.706, 91.703, 91.680, 91.637, 91.578, [illegible]
VERTICAL ALIGNMENT	G= 1.150% 1: 87.0; L= 25.000 KF= -11.05639; G= -1.111% 1: -90.0
HORIZONTAL ALIGNMENT	

REVISIONS

Rev	Date	Description	By	Ckd	App
P04	11/06/24	RD09 levels revised.	RAP	RJP	RJP
P03	20/05/24	Updated to suit amended site layout.	RAP	RJP	RJP
P02	19/01/24	Updated to suit amended site layout.	BT	RA	-
P01	31/05/23	First Issue.	JL	BT	BT

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CLIENT
CALA HOMES COTSWOLDS LTD

PROJECT
HIMLEY VILLAGE, BICESTER

TITLE
HIGHWAY LONGITUDINAL SECTIONS
SHEET 2 OF 3

HYDROCK PROJECT NO.	SCALE @ A0
C-27141-C	1:100V 1:500H

STATUS DESCRIPTION	STATUS
INFORMATION	S2

DRAWING NO. (PROJECT CODE-ORGINATOR-ZONE-LEVEL-TYPE-ROLE-NUMBER)	REVISION
27141-HYD-XX-XX-DR-C-2101	P04