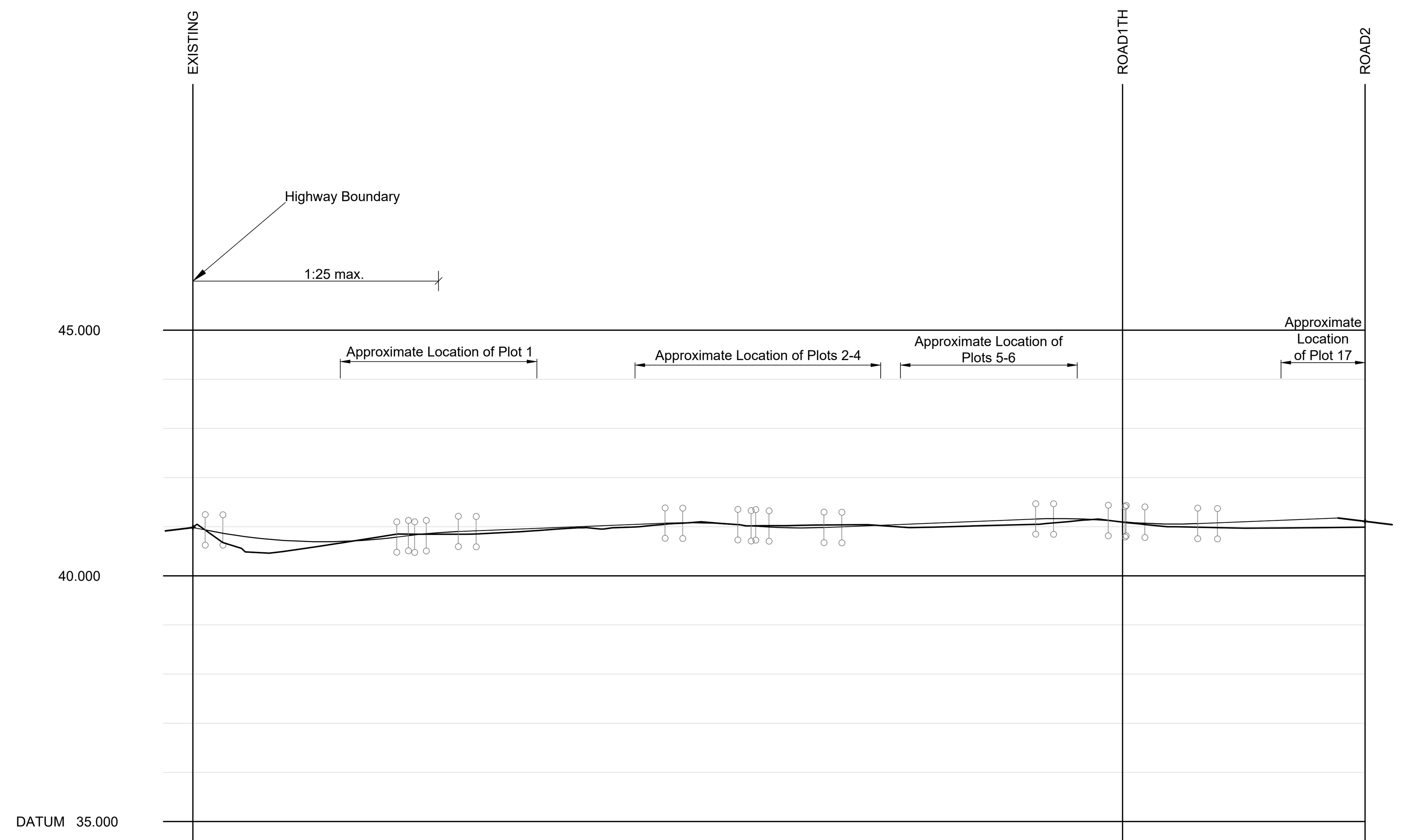
NOTES:

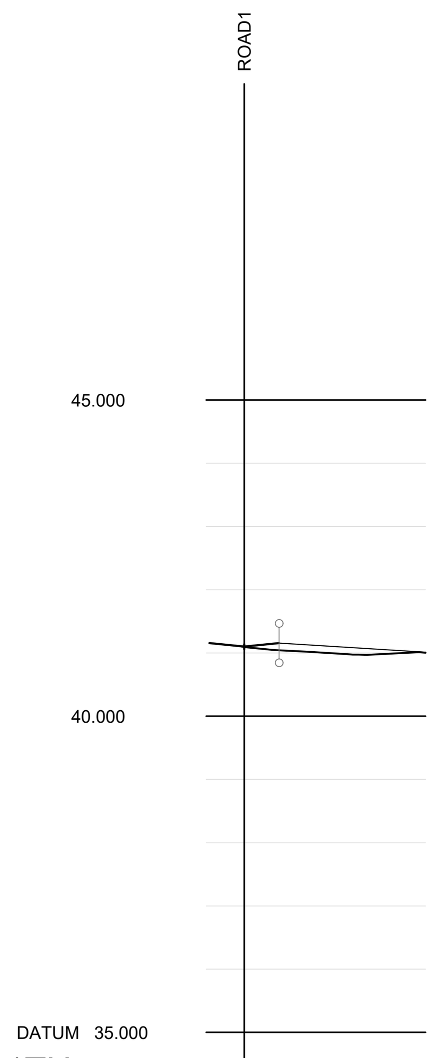
1. This drawing is to be read in conjunction with GHB series 236/2020 drawings and documents and any other relevant project team documents.
2. Preliminary Issue - Any work undertaken before approvals are received (in writing) are at risk of abortive works.

P1. This drawing has been prepared solely for the purpose of obtaining a Planning Consent based on information available and planning requirements at the date of issue only.
P2. This drawing is not to be used for construction or detailed pricing purposes.
P3. G.H.Bullard & Associates LLP have not been instructed to independently assess the suitability of the site for infiltration. All infiltration solutions based purely on a design infiltration rate of 1.9x10-6/ m/s as provided by Thorcross Builders Ltd.



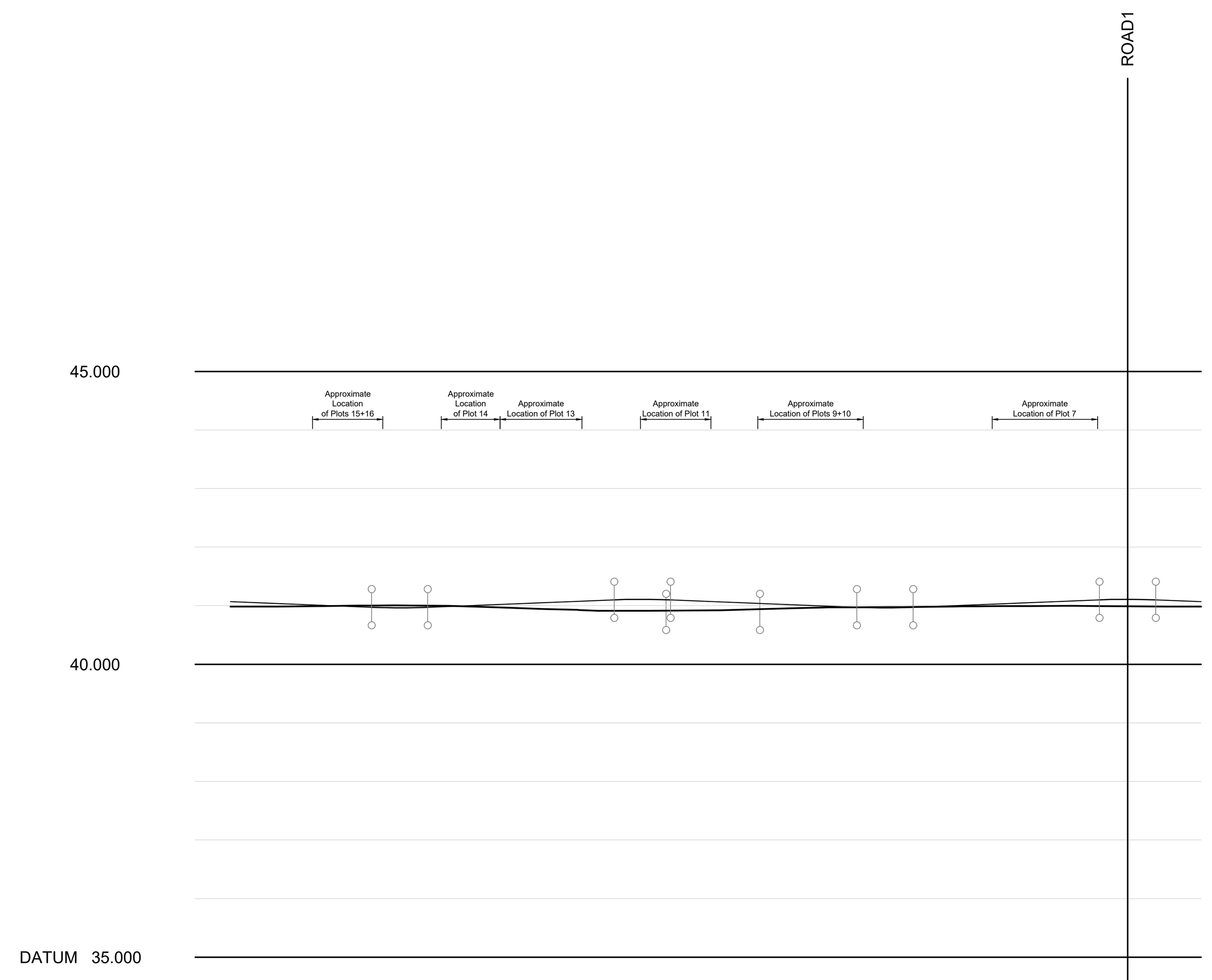
ROAD1

CHAINAGE	0.000, 1.232, 5.000, 8.494, 8.909, 10.000, 10.519, 13.232, 15.000, 18.690, 20.000, 20.732, 21.920, 25.000, 27.005, 30.000, 34.491, 35.000, 40.000, 45.000, 47.709, 48.099, 50.000, 50.454, 55.000, 55.455, 56.817, 60.000, 61.818, 64.218, 65.000, 70.000, 75.000, 80.000, 85.000, 85.763, 86.946, 88.163, 90.000, 93.163, 94.615, 95.000, 97.208, 99.863, 100.000, 102.263, 105.000, 110.000, 112.549, 112.948, 115.000, 119.300
EXISTING GROUND LEVEL	40.990, 40.519, 40.825, 40.863, 40.981, 41.074, 41.021, 41.023, 41.020, 41.121, 40.997, 40.972, 40.991
ALIGNMENT LEVEL	40.984, 40.934, 40.807, 40.712, 40.694, 40.699, 40.771, 40.788, 40.818, 40.879, 40.902, 40.926, 40.966, 41.006, 41.047, 41.071, 41.080, 41.081, 41.046, 41.039, 41.016, 40.980, 40.975, 40.984, 40.991, 41.031, 41.071, 41.111, 41.151, 41.157, 41.166, 41.161, 41.125, 41.096, 41.094, 41.055, 41.055, 41.064, 41.086, 41.126, 41.166, 41.178
VERTICAL ALIGNMENT	G= -4.000% 1: -25.0; KF= 3.0 L= 19.500; G= 2.500% 1: 40.0; L= 5.085 KF= -3.0; G= 0.800% 1: 125.0; L= 7.416 KF= -3.0; G= -1.667% 1: -60.0; KF= 3.0 L= 7.401; G= 0.800% 1: 125.0; L= 7.400 KF= -3.0; G= -1.667% 1: -60.0; KF= 3.0 L= 7.400; G= 0.800% 1: 125.0
HORIZONTAL ALIGNMENT	R= 20.000; R= 45.000; R= 30.000; R= 15.000
LEFT HAND CHANNEL	40.761, 40.754, 40.826, 40.934, 40.981, 41.021, 41.061, 41.102, 41.135, 41.101, 41.035, 41.046, 41.086, 41.126, 41.166, 41.206, 41.216, 41.149, 41.110, 41.141, 41.181, 41.201
RIGHT HAND CHANNEL	40.780, 40.767, 40.761, 40.754, 40.826, 40.934, 40.981, 41.021, 41.061, 41.102, 41.135, 41.101, 41.035, 41.046, 41.086, 41.126, 41.166, 41.206, 41.216, 41.149, 41.110, 41.141, 41.181, 41.201, 41.205
CROSSFALLS	LH=+2.00%; RH=+2.00%



ROAD1TH

CHAINAGE	0.000, 2.750, 4.801, 5.000, 8.527, 10.000, 10.086, 14.322
EXISTING GROUND LEVEL	41.094, 40.974, 41.003
ALIGNMENT LEVEL	41.155, 41.127, 41.065, 41.011
VERTICAL ALIGNMENT	G= -1.250% 1: -80.0
HORIZONTAL ALIGNMENT	R= 30.000
LEFT HAND CHANNEL	41.137, 41.120, 41.066
RIGHT HAND CHANNEL	41.138, 41.137, 41.120, 41.066
CROSSFALLS	LH=+2.00%; RH=+2.00%



ROAD2

CHAINAGE	0.000, 5.000, 10.000, 12.035, 14.435, 15.000, 16.835, 20.000, 23.932, 25.000, 30.000, 32.743, 35.000, 35.143, 37.543, 40.000, 41.417, 45.000, 50.000, 53.451, 55.000, 55.851, 58.251, 60.000, 65.000, 65.348, 70.000, 74.159, 75.000, 76.559, 78.959, 80.000, 82.833
EXISTING GROUND LEVEL	40.984, 40.998, 40.989, 40.925, 40.920, 40.967, 40.984, 40.995, 40.986, 40.984
ALIGNMENT LEVEL	41.069, 41.029, 40.989, 40.973, 40.963, 40.964, 40.973, 40.998, 41.038, 41.078, 41.100, 41.110, 41.110, 41.100, 41.080, 41.040, 41.000, 40.973, 40.964, 40.963, 40.973, 40.987, 41.027, 41.067, 41.100, 41.106, 41.110, 41.100, 41.092, 41.069
VERTICAL ALIGNMENT	G= -0.800% 1: -125.0; KF= 3.0 L= 4.800; G= 0.800% 1: 125.0; L= 4.800 KF= -3.0; G= -0.800% 1: -125.0; KF= 3.0 L= 4.800; G= 0.800% 1: 125.0; L= 4.800 KF= -3.0; G= -0.800% 1: -125.0
HORIZONTAL ALIGNMENT	R= 17.750; R= 9.750; R= 17.750; R= 9.750
LEFT HAND CHANNEL	41.000, 40.960, 40.920, 40.895, 40.929, 40.969, 41.009, 41.041, 41.012, 40.972, 40.932, 40.896, 40.918, 40.958, 40.998, 41.037, 41.023, 41.000
RIGHT HAND CHANNEL	41.138, 41.098, 41.058, 41.033, 41.067, 41.107, 41.147, 41.178, 41.149, 41.109, 41.069, 41.033, 41.056, 41.096, 41.136, 41.174, 41.161, 41.138
CROSSFALLS	RH=+2.50%; LH=-2.50%

Revision	Date	Description
P2		

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Partnership No. OC383830, Registered in England and Wales

Client: THORCROSS BUILDERS LTD.

Project: OAKLEIGH, CAPEL ROAD, BENTLEY

Drawing Title: PROPOSED HIGHWAY ALIGNMENT LONGITUDINAL SECTIONS

Scale: 1:500 @ A1

Date: FEB 2021 | Drawn: JWT | Checked: JAH

DWG Reference: 236-2020.DWG

Status: FOR INFORMATION

Drawing Number: 236/2020/13 | Revision: P1

P# = Preliminary, C# = Construction, AB# = As Built