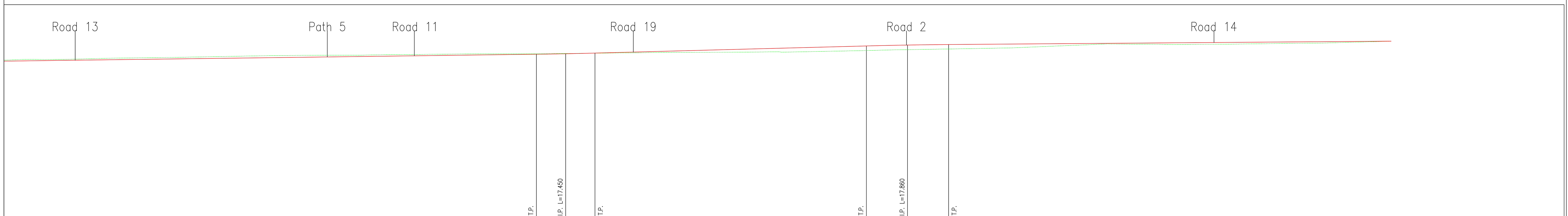


Datum: 10.000M AOD

CHAINAGE ON CENTRELINE (m)	0.000	10.000	20.000	30.000	40.000	50.000	60.000	70.000	80.000	90.000	100.000	110.000
LEVELS ON CENTRELINE OF CARRIAGEWAY (m)	17.109	16.985	16.959	17.044	17.119	17.184	17.249	17.314	17.379	17.446	17.570	17.702
LEVELS ON LEFT HAND CHANNEL (m)	17.169	17.084	17.060	17.105	17.179	17.244	17.309	17.374	17.439	17.507	17.630	17.762
LEVELS ON RIGHT HAND CHANNEL (m)	17.049	16.912	16.898	16.983	17.058	17.123	17.188	17.253	17.318	17.386	17.510	17.641
EXISTING LEVELS (m)	16.794	16.933	16.981	17.049	17.168	17.256	17.332	17.388	17.437	17.461	17.516	17.544

VERTICAL DESIGN ON CARRIAGEWAY CENTRELINE						
GRADIENT −1.315% L = 6.544m	SAG CURVE K = 8.000 L = 18.708	GRADIENT 1.024% L = 5.757m	HOG K = 8.000	GRADIENT 0.651% (1 in 153.574) LENGTH = 54.200m	SAG CURVE K = 8.000 L = 5.333	GRADIENT 1.318% (1 in 75.883) LENGTH = 24.703m



CHAINAGE	50.000	60.000	70.000	80.000	90.000	100.000	110.000	120.000	130.000	140.000	150.000	160.000	165.734	171.727
CENTRELINE	17.184	17.249	17.314	17.379	17.446	17.570	17.702	17.832	17.891	17.929	17.967	18.005	18.027	18.057
LEFT HAND CHANNEL	17.244	17.309	17.374	17.439	17.507	17.630	17.762	17.892	17.951	18.039	18.077	18.065		
RIGHT HAND CHANNEL	17.123	17.188	17.253	17.318	17.386	17.510	17.641	17.771	17.830	17.868	17.906	17.794		
EXISTING	17.256	17.332	17.388	17.437	17.461	17.516	17.544	17.624	17.710	17.900	17.888	17.947	18.022	

VERTICAL DESIGN				
GRADIENT 0.651% (1 in 153.574) LENGTH = 54.200m	SAG CURVE K = 8.000 L = 5.333	GRADIENT 1.318% (1 in 75.883) LENGTH = 24.703m	HOG CURVE K = 8.000 L = 7.484	GRADIENT 0.382% (1 in 261.528) LENGTH = 40.022m

1:200 0m 10m

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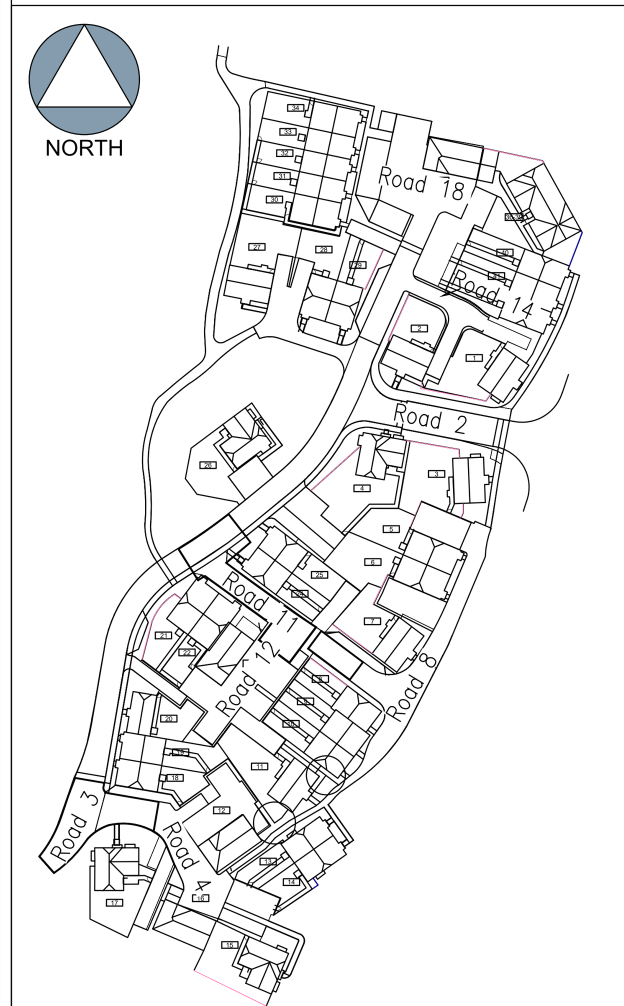
NOTES

1. SECTIONS HAVE A VERTICAL EXAGGERATION OF 2

LEGEND

PROPOSED VERTICAL ALIGNMENT

EXISTING GROUND LEVEL



KEY PLAN (NTS)

FOR CONSTRUCTION

Rev	Description	Date	By	Chkd
A	DRAWING STATUS UPDATED TO FOR CONSTRUCTION	31.08.21	RD	RW

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Client: HAMPSHIRE HOMES

Project Name: FONTWELL AVENUE, EASTERGATE

Title: ROAD LONGITUDINAL ALIGNMENT SHEET 1 OF 4

Project Phase: CONSTRUCTION

Checked By	Checked Date	Drawn By	Drawn Date
RW	11.05.21	RD	11.05.21

Client Drawing No.: -

Scale: 1:200 (AT A1 SIZE)

PBA Drawing No.: 108.5009.707

Revision: A

ARUN DISTRICT COUNCIL BN/1/22/DOC