

Road 1

Vertical Exaggeration: 5
Datum: 156.000M AOD

CHAINAGE ON CENTRELINE (m)	0.00		7.56	10.00	20.00	30.00	36.57	40.00	50.00	60.00	63.98	70.00	80.00	82.81	90.00	93.42	100.00	103.62	110.00	12.713	130.00	133.207	140.00	150.00	160.00	170.00	180.00	191.554	200.00	202.20	213.896	220.00	230.00	238.015		
LEVELS ON CENTRELINE OF CARRIAGEWAY (m)	164.149		164.400	164.416	164.465	164.554	164.600	164.588	164.551	164.515	164.500	164.541	164.076	164.000	163.760	163.422	163.300	163.623	162.913	162.200	162.056	162.000	162.047	162.115	162.194	162.263	162.321	162.400	162.450	162.500	162.500	162.500	162.500	162.500		
VERTICAL DESIGN ON CARRIAGEWAY CENTRELINE	GRADIENT 3.2% L = 7.756m		GRADIENT 0.7% (1 in 144) LENGTH = 28.821m		GRADIENT -0.4% (-1 in 274) LENGTH = 27.421m		GRADIENT -2.6% (-1 in 38) LENGTH = 18.873m		GRADIENT -3.4% (-1 in 30) LENGTH = 20.761m		GRADIENT -6.1% (-1 in 16) LENGTH = 18.081m		GRADIENT -1.7% L = 11.494m		GRADIENT 0.7% (1 in 146) LENGTH = 58.347m		GRADIENT 0.6% (1 in 167) LENGTH = 16.726m		G = Flat		GRADIENT Flat LENGTH = 23.496m															
HORIZONTAL DESIGN ON CARRIAGEWAY CENTRELINE			STRAIGHT LENGTH = 42.352m		CURVE R = 57.750 L = 22.135		L = 4.02m		CURVE R = 38.750 L = 39.114		L = 5.54m		CURVE R = 12.750 L = 20.028		STRAIGHT LENGTH = 74.537m																					
EXISTING LEVELS (m)	163.995		164.041	164.296	164.483	164.531	164.591	164.612	164.614	164.442	164.300	164.018	163.910	163.592	163.088	162.985	162.586	162.028	161.560	161.867	161.914	161.970	162.032	162.119	162.222	162.265	162.298	162.290	162.340	162.344	162.383	162.387	162.281	162.178		

ROAD 1 - LONGITUDINAL SECTION (CHAINAGE 0.00m TO END)

SCALE H 1:500, V 1:100: 156.00m AOD

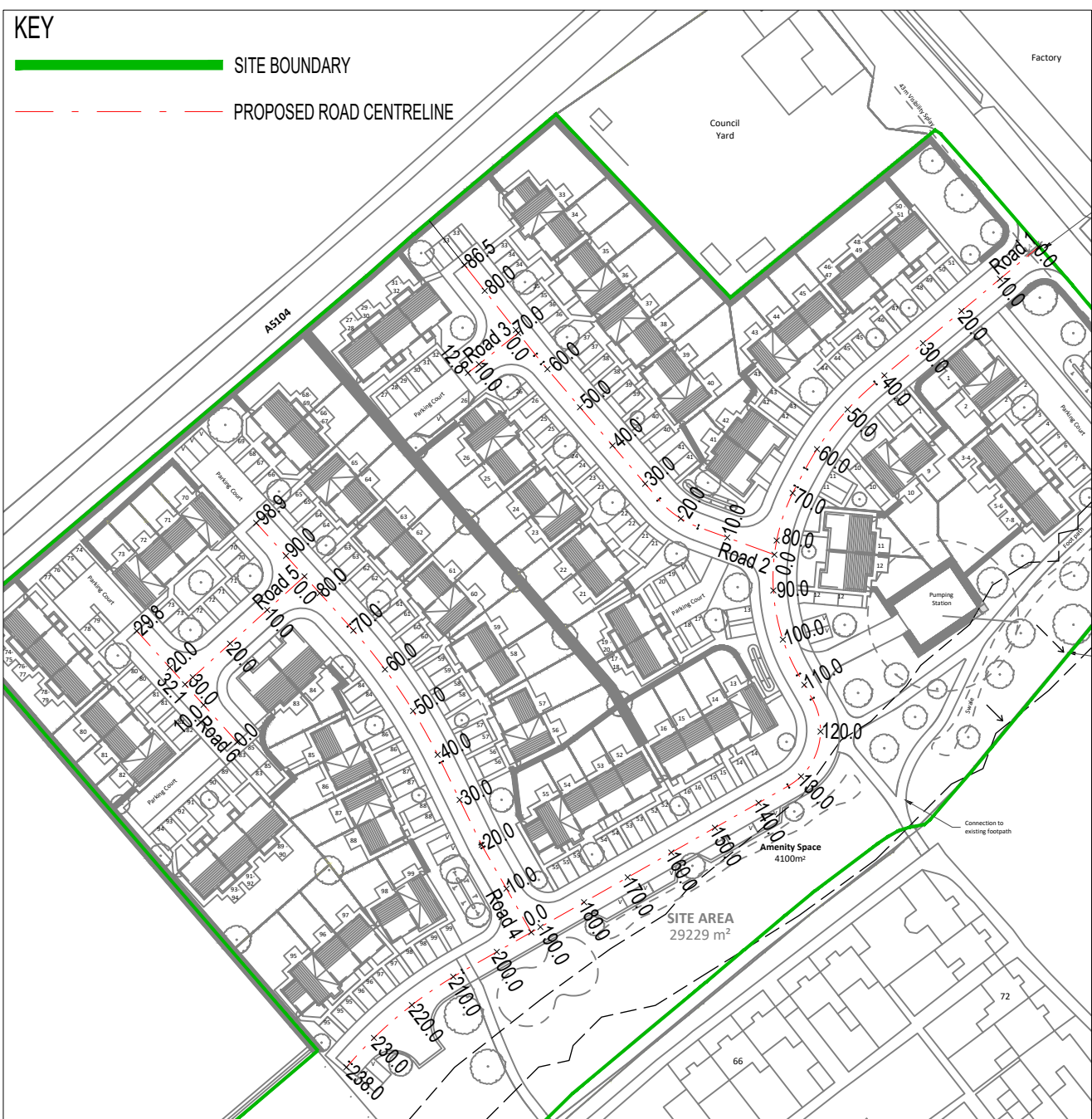
Road 2

Vertical Exaggeration: 5
Datum: 158.000M AOD

CHAINAGE ON CENTRELINE (m)	0.00		10.00	19.951	30.00	37.280	40.00	50.00	55.450	60.00	67.148	68.311	80.00	86.520
LEVELS ON CENTRELINE OF CARRIAGEWAY (m)	164.000		164.550	165.000	165.556	166.000	166.150	166.700	167.000	167.148	167.450	167.550	167.550	167.545
VERTICAL DESIGN ON CARRIAGEWAY CENTRELINE	GRADIENT 5.1% (1 in 20) LENGTH = 19.691m		GRADIENT 5.7% (1 in 18) LENGTH = 17.589m		GRADIENT 5.5% (1 in 18) LENGTH = 18.170m		GRADIENT 3.2% (1 in 31) LENGTH = 13.861m		GRADIENT 0.6% (1 in 161) LENGTH = 17.209m					
HORIZONTAL DESIGN ON CARRIAGEWAY CENTRELINE	STRAIGHT LENGTH = 16.198m		CURVE R = 18.750 L = 9.663		STRAIGHT LENGTH = 35.742m		R = 57.75		STRAIGHT LENGTH = 22.781m					
EXISTING LEVELS (m)	163.910		164.469	165.100	165.817	166.248	166.597	166.906	167.132	167.258	167.440	167.630	167.630	167.538

ROAD 2 - LONGITUDINAL SECTION (CHAINAGE 0.00m TO END)

SCALE H 1:500, V 1:100: 158.00m AOD



SITE PLAN
1:1250

NOTES

- ALL DIMENSIONS IN MILLIMETRES AND ALL LEVELS IN METRES ABOVE ORDNANCE DATUM UNLESS SHOWN OTHERWISE.
- THIS DESIGN IS PROPOSED ON THE BASIS OF CLIENT BRIEF, SPECIFICATIONS, BEST PRACTICE AND RISK REDUCTION / ELIMINATION. THE DESIGNER MUST BE CONSULTED ON ANY PROPOSED CHANGES, BEFORE THEY ARE CONSIDERED FOR IMPLEMENTATION.
- THE INDICATED ROAD PROFILE IS BASED ON THE ARCHITECTS PROPOSED LEVELS AND IS SUBJECT TO REVIEW TO OBTAIN APPROPRIATE SURFACE PROFILES TO ENSURE ADEQUATE DRAINAGE.

KEY

- PROPOSED ROAD PROFILE
- EXISTING GROUND LEVEL

SITE LOCATION

GRID REFERENCE: 307258, 344696
SITE ADDRESS: CLAWDD PONCEN,
CORWEN,
DENBIGHSHIRE
LL21 9YB

CAUTION: THE MANAGEMENT AND DESIGN OF ANY AND ALL TEMPORARY WORKS REQUIRED TO EXECUTE THIS DESIGN ARE THE RESPONSIBILITY OF THE CONTRACTOR.

P01	13/10/25	FIRST ISSUE	AV	AC	NJ
REV	DATE	DESCRIPTION	ORG	CHK	APP

CLIENT

Williams
Homes (Bala) Ltd

PRINCIPAL DESIGNER

AINSLEY GOMMON ARCHITECTS

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SCHEME

CLAWDD PONCEN,
CORWEN

TITLE

OUTLINE HIGHWAY
VERTICAL ALIGNMENTS SHEET 1 OF 2

ORIGINATOR A. VALE	CHECKER A. CALDWELL	APPROVER N. JONES
STATUS PRELIMINARY		
SCALE / SHEET SIZE AS SHOWN / A1		REV P01
DRAWING NUMBER 16722-2210		