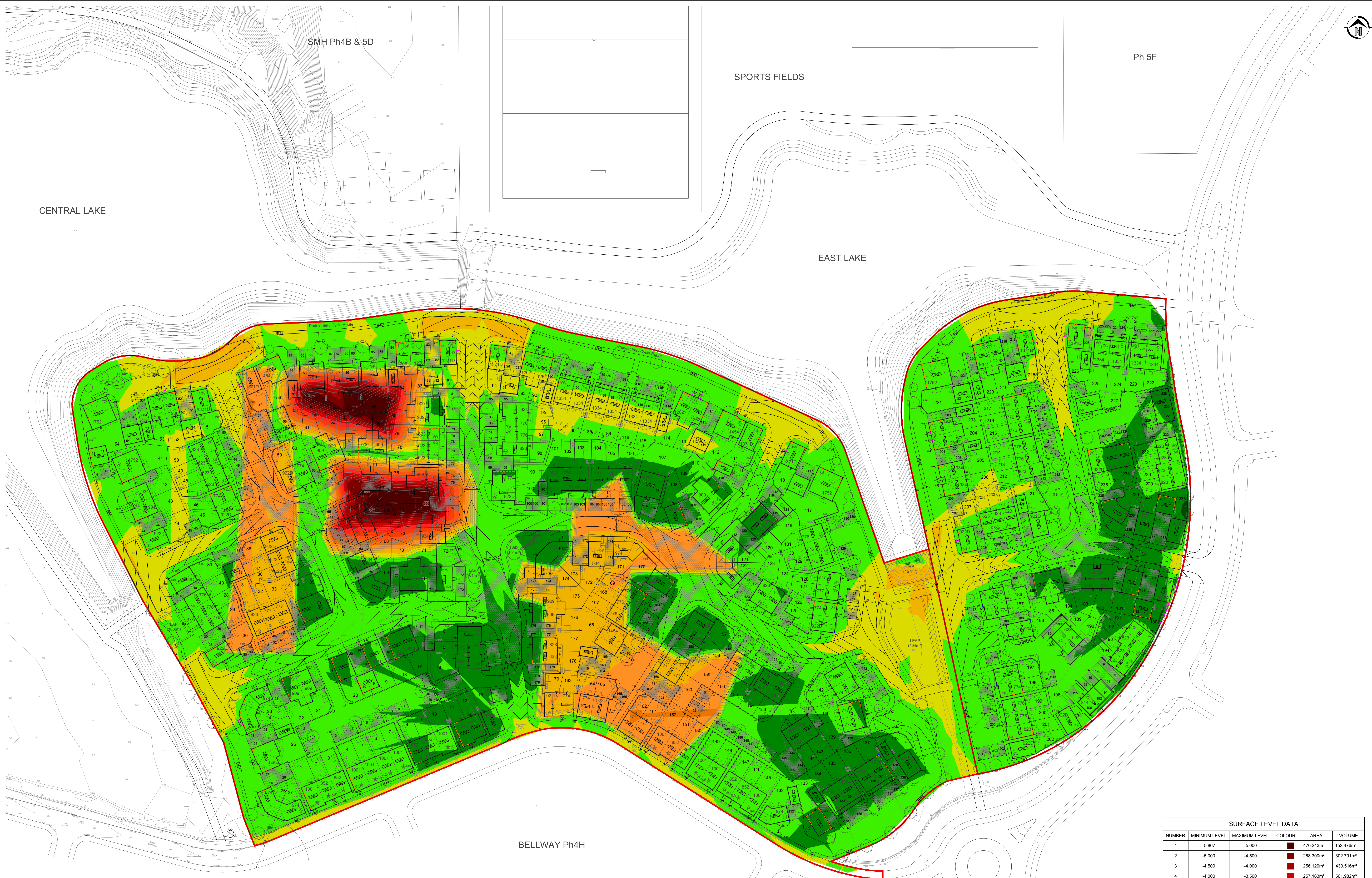




GENERAL NOTES

1. This drawing is to be read in conjunction with and checked against all other drawings, engineering details, specifications and standards, geotechnical or other specialist document provided.
2. Any discrepancies within all relevant drawings are to be reported to Queensland Ltd immediately.
3. All dimensions and quantities are in U.S. / U.O.
4. Do not scale from this drawing - use figure dimensions only.
5. The drawing is schematic for clarity only, positions of pipe runs and manholes may vary on site due to site conditions.
6. Surface water drainage subject to S104 / S48 approval where appropriate with the relevant authority.
7. Foul Drainage subject to S104 approval with relevant water authority.
8. All above ground drainage to be installed in accordance with Part H of building regulations and the DWG's warranty provided.
9. The contractor is at risk if construction is progressed without a signed S104, S105, S275, S288, DWG's agreement being in place with the relevant authorities.

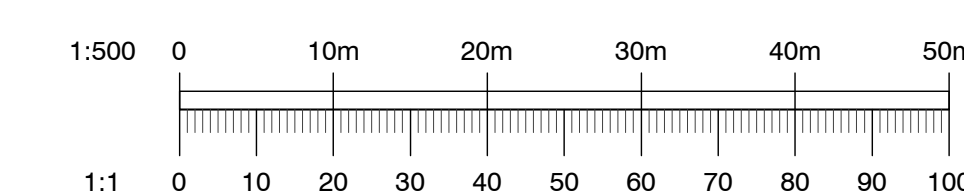
No calculations have been included for any site arising's or bulking factors. Volumetrics have been derived from Existing ground level to Formation level (Instructed construction thickness). The following construction thicknesses have been allowed for:

Plateau Plot Areas	- 300mm
Highways	- 450mm

Full Site Volumetric cut and fill calculations
Existing Ground to **Formation Surface**

17,999m³ <cut export> 14,090m³ (fill import)
Net <cut export> = 3,909m³

SURFACE LEVEL DATA					
NUMBER	MINIMUM LEVEL	MAXIMUM LEVEL	COLOR	AREA	VOLUME
1	-5.867	-5.000		470.243m²	152.476m³
2	-5.000	-4.500		268.300m²	302.791m³
3	-4.500	-4.000		256.120m²	433.516m³
4	-4.000	-3.500		257.163m²	561.982m³
5	-3.500	-3.000		264.822m²	691.426m³
6	-3.000	-2.500		284.453m²	828.652m³
7	-2.500	-2.000		298.667m²	974.555m³
8	-2.000	-1.500		436.989m²	1133.506m³
9	-1.500	-1.000		3407.951m²	2052.699m³
10	-1.000	-0.500		4284.497m²	4118.477m³
11	-0.500	0.000		9182.128m²	6749.395m³
12	0.000	0.500		34494.905m²	13100.006m³
13	0.500	1.000		9281.018m²	889.431m³
14	1.000	1.490		19.059m²	0.743m³



Rev	Date	Description	By	
Dimensions to be verified on site. The drawing should not be scaled. Use figured dimensions only. Any discrepancies should be informed to the Engineer prior to work being put on hand. This drawing is copyright.				
Quadrant Consult Columbus House, Village Way Quadrant Consulting Business Park Cardiff CF11 7NE 020 207 9644 contactus@quadrant.co.uk		 Consulting Civil & Structural Engineers Offices in Cardiff, Gloucester and Llanidloes		
Client				
				
Project				
LLANWERN 4E & 4G				
Title				
FULL SITE VOLUMETRICS				
Drawing Status				
INFORMATION				
Designed by	Drawn by	Checked by	Date	Scale @ A3 size
LF	LF	RWP	MAR '25	1:500
Drawing No				
24519-C-026-0				