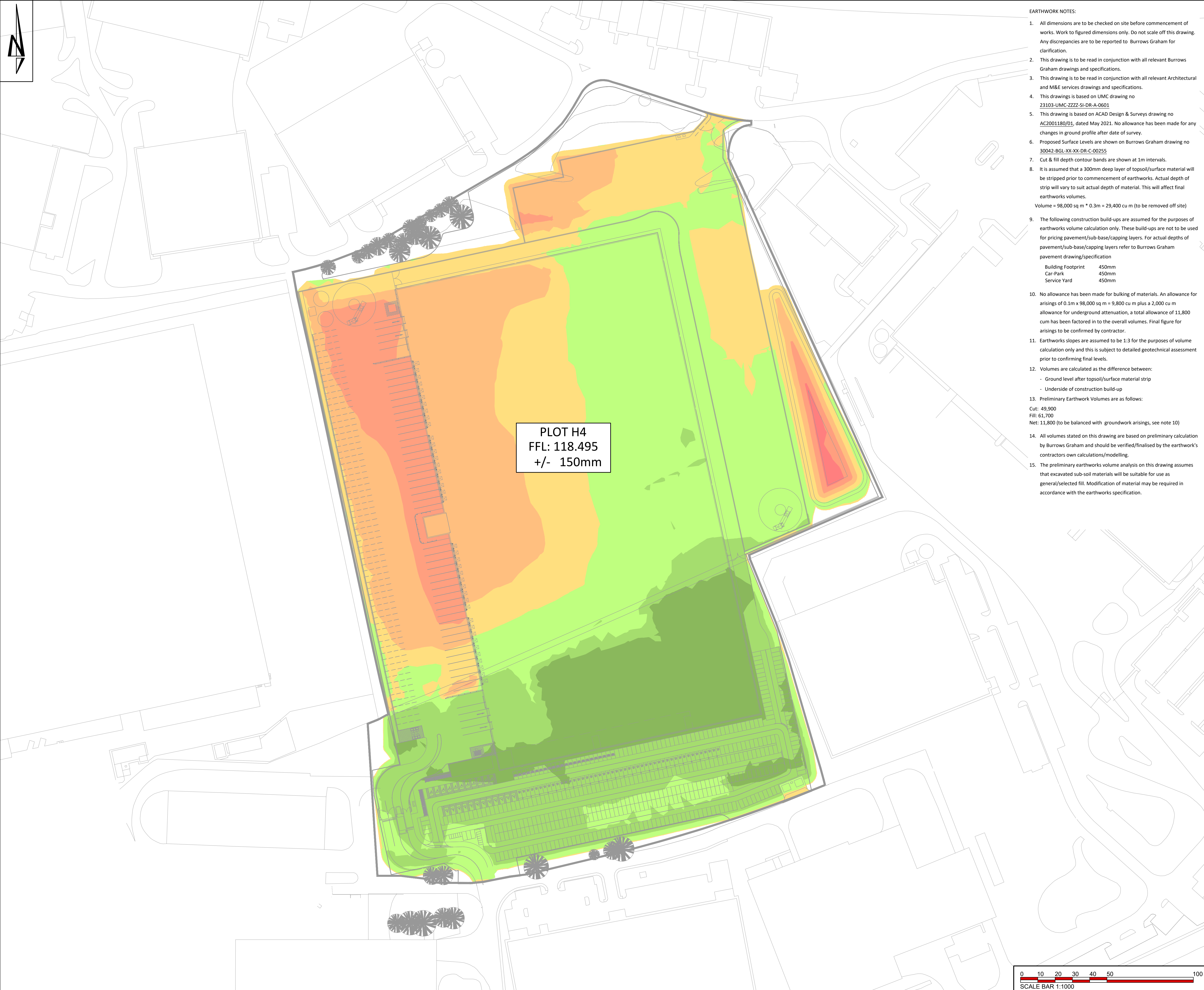




- EARTHWORK NOTES:
1. All dimensions are to be checked on site before commencement of works. Work to figured dimensions only. Do not scale off this drawing. Any discrepancies are to be reported to Burrows Graham for clarification.
 2. This drawing is to be read in conjunction with all relevant Burrows Graham drawings and specifications.
 3. This drawing is to be read in conjunction with all relevant Architectural and M&E services drawings and specifications.
 4. This drawings is based on UMC drawing no **23103-UMC-ZZZZ-SI-DR-A-0601**
 5. This drawing is based on ACAD Design & Surveys drawing no **AC2001180/01**, dated May 2021. No allowance has been made for any changes in ground profile after date of survey.
 6. Proposed Surface Levels are shown on Burrows Graham drawing no **30042-BGL-XX-XX-DR-C-00255**
 7. Cut & fill depth contour bands are shown at 1m intervals.
 8. It is assumed that a 300mm deep layer of topsoil/surface material will be stripped prior to commencement of earthworks. Actual depth of strip will vary to suit actual depth of material. This will affect final earthworks volumes.
Volume = 98,000 sq m * 0.3m = 29,400 cu m (to be removed off site)
 9. The following construction build-ups are assumed for the purposes of earthworks volume calculation only. These build-ups are not to be used for pricing pavement/sub-base/capping layers. For actual depths of pavement/sub-base/capping layers refer to Burrows Graham pavement drawing/specification
Building Footprint 450mm
Car-Park 450mm
Service Yard 450mm
 10. No allowance has been made for bulking of materials. An allowance for arisings of 0.1m x 98,000 sq m = 9,800 cu m plus a 2,000 cu m allowance for underground attenuation, a total allowance of 11,800 cum has been factored in to the overall volumes. Final figure for arisings to be confirmed by contractor.
 11. Earthworks slopes are assumed to be 1:3 for the purposes of volume calculation only and this is subject to detailed geotechnical assessment prior to confirming final levels.
 12. Volumes are calculated as the difference between:
 - Ground level after topsoil/surface material strip
 - Underside of construction build-up
 13. Preliminary Earthwork Volumes are as follows:
Cut: 49,900
Fill: 61,700
Net: 11,800 (to be balanced with groundwork arisings, see note 10)
 14. All volumes stated on this drawing are based on preliminary calculation by Burrows Graham and should be verified/finalised by the earthwork's contractors own calculations/modelling.
 15. The preliminary earthworks volume analysis on this drawing assumes that excavated sub-soil materials will be suitable for use as general/selected fill. Modification of material may be required in accordance with the earthworks specification.

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SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

IN ADDITION TO THE HAZARDS/RISKS NORMALLY ASSOCIATED WITH THE TYPES OF WORK DETAILED ON THIS DRAWING, NOTE THE FOLLOWING

CONSTRUCTION

MAINTENANCE

DEMOLITION

IT IS ASSUMED THAT ALL WORKS WILL BE CARRIED OUT BY A COMPETENT CONTRACTOR WORKING, WHERE APPROPRIATE, TO AN APPROVED METHOD STATEMENT

CUT AND FILL DEPTHS			
NUMBER	MINIMUM LEVEL	MAXIMUM LEVEL	COLOUR
1	-4.00	-3.00	Red
2	-3.00	-2.00	Orange
3	-2.00	-1.00	Yellow
4	-1.00	0.00	Light Green
5	0.00	1.00	Green
6	1.00	2.00	Dark Green
7	2.00	3.00	Very Dark Green

P02	27.05.2025	BP	Update to latest layout	JW
P01	01.05.2025	BP	Preliminary Issue	JW
REV	DATE	BY	DESCRIPTION	CHKD

Burrows Graham

North Office:
5 Ambassador Place, Stockport Road,
Altrincham WA15 8DB
Tel: +44 (0)161 804 8046

South Office:
Buckland House, Dower Mews,
High Street, Berrhamsted HP4 2BL
Tel: +44 (0)161 804 8046

CLIENT

PROJECT

HEYWOOD

DRAWING TITLE

PLOT H4
EARTHWORK VOLUMES

BGL PROJECT NUMBER 30042	DRAWING STATUS PRELIMINARY	OFFICE NORTH
SCALE @ A1 1:1000	DATE 01.05.2025	DRAWN BY BP
DRAWING No 30042-BGL-XX-XX-DR-C-00256		CHECKED BY JW
REV		P02