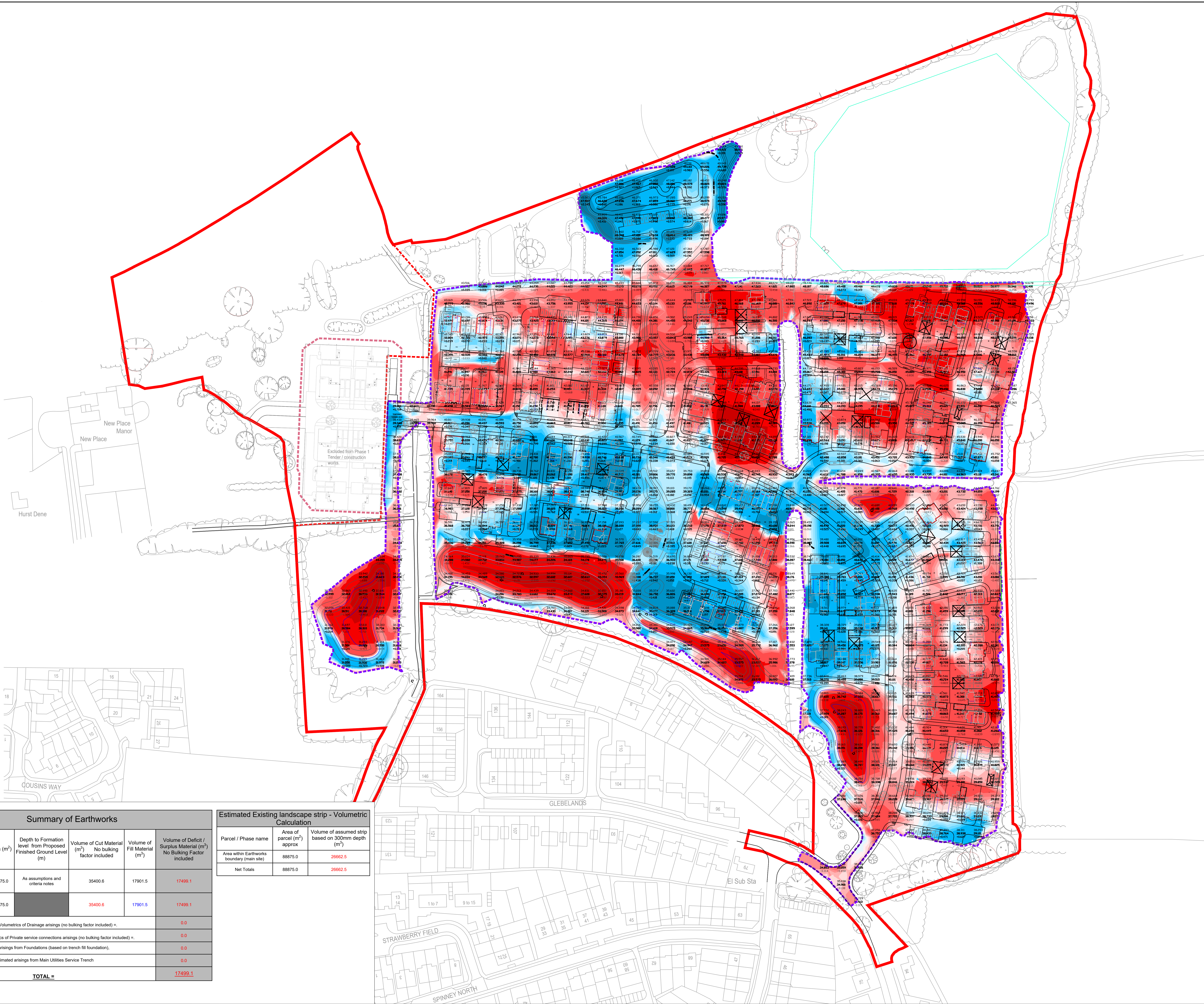
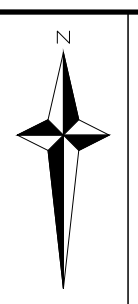




Summary of Earthworks				
Volumetric Group	Area (m ²)	Depth to Formation level from Proposed Finished Ground Level (m)	Volume of Cut Material (m ³) No bulking factor included	Volume of Deficit / Surplus Material (m ³) No Bulking Factor included
Bulk Excavation within Earthworks development boundary (main site)	88875.0	As assumptions and criteria notes	35400.6	17499.1
Net Totals	88875.0		35400.6	17499.1
Estimated Net Volumetrics of Drainage arisings (no bulking factor included) =				0.0
Estimated Net Volumetrics of Private service connections arisings (no bulking factor included) =				0.0
Estimated arisings from Foundations (based on trench fill foundation),				0.0
Estimated arisings from Main Utilities Service Trench				0.0
TOTAL =				17499.1

Estimated Existing landscape strip - Volumetric Calculation		
Parcel / Phase name	Area of parcel (m ²) approx	Volume of assumed strip based on 300mm depth (m ³)
Area within Earthworks boundary (main site)	88875.0	26662.5
Net Totals	88875.0	26662.5

CIVIL / STRUCTURAL DESIGN RISK MANAGEMENT

Abnormal or unusual residual risks associated with the design outcomes shown on this drawing are:-

RSK LDE LTD has followed its Design Risk Management process for Hazard Elimination and Risk reduction in developing the designs shown on this drawing. Abnormal or unusual residual risks may be shown above where it is considered that such risk may not normally be expected by competent persons engaged on work of this nature or type.

General Notes:

- Criteria for formation depths below finished levels for Roads, Buildings, and Landscape areas, are as agreed with the Client, and as noted in Criteria / Assumptions notes.
- Volumes given do not take into account the suitability of materials, to be re-used in any particular area. Consideration will need to be given to the engineering properties to ensure suitability.
- Site layout taken from Geoff Perry Associates Drawing Layout Rev E dated June 2025.
- The volumetric calculations are based on Finished ground levels indicated on 890815-RSK-ZZ-XX-DR-C-8201 & 8202.dwg - Rev P03
- The volumetric exercise should only be taken as an estimation. As works progress on site, reassessment of volumes should be carried out. This should take into account, the suitability for re-use of each class of material based on its engineering properties and end location.
- A logistics plan should be developed to manage the stock piling and reuse of materials to ensure suitable material is available when required and surplus material is removed.
- No calculation has been assumed for arisings resulting from foundations, private and public drainage, services, utility trenches, tree pits, etc.

Criteria / Assumptions

Topographical survey minus a site wide strip of 300mm.

Formation Levels have been taken as

- 600mm below finished levels in the Public open space areas.
- 600mm below finished levels in Garden/Private landscape areas.
- 600mm below finished levels in private paths areas.
- 600mm below finished levels in public footpaths areas.
- 600mm below finished levels in parking courts.
- 600mm below finished levels in roads.
- 600mm below house finished floor levels.
- 600mm below house finished permeable areas.

Exclusions

Not account for arisings from foundations, services, drainage, tree pits, etc have been accounted for in these calculations.

THE FORMATION LEVELS SHOWN ON THIS DRAWING ARE BASED ON THE FINISHED LEVELS DRAWING MINUS THE CONSTRUCTION THICKNESS NOTED IN THE ABOVE ASSUMPTIONS

Legend

--- Extent of earthworks calculation boundary

34.850 Existing Topographical Level

35.250 Proposed Finished Level

0.400 difference between the above levels

Isopachyte banding levels base on topographical level, minus 300mm and formation levels

CUT Depth Bands

Band 1 -0.00 - -0.10

Band 2 -0.10 - -0.20

Band 3 -0.20 - -0.30

Band 4 -0.30 - -0.40

Band 5 -0.40 - -0.50

Band 6 -0.50 - -1.00

Band 7 -1.00 - -2.00

Band 8 -2.00 - -5.00

Band 9 -5.00 - 10.00

Band 10 -10.00 -

FILL Depth Bands

Band 1 0.00 - 0.10

Band 2 0.10 - 0.20

Band 3 0.20 - 0.30

Band 4 0.30 - 0.40

Band 5 0.40 - 0.50

Band 6 0.50 - 1.00

Band 7 1.00 - 2.00

Band 8 2.00 - 5.00

Band 9 5.00 - 10.00

Band 10 10.00 -

P03	04.07.2025	Issued for PLANNING RESUBMISSION	JON	GXA	AM
P02	25.10.24	Issued for PLANNING RESUBMISSION	SH	GXA	AM
P01	25.10.24	For Planning	SH	GXA	AM
Rev.	Date	Amendment	Drawn	Chkd	Appt.

LDE

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Client

BARRATT DAVID WILSON
(SOUTHERN COUNTIES)

Project Title

NEW PLACE FARM, PULBOROUGH,
WEST SUSSEX

Status

PLANNING

Drawing Title

PRELIMINARY STRATEGIC
EARTHWORKS
CUT AND FILL AREAS

Drawn	Date	Checked	Date	Approved	Date
SH	25.10.24	GXA	25.10.24	AM	25.10.24

Scale	Orig Size	Dimensions
1:500	A0	m

Project No.

890815

Drawing No.

890815-RSK-ZZ-XX-DR-C-8201 Earthworks and elements per MASTER.dwg

Drawing File

890815-RSK-ZZ-XX-DR-C-8201 Earthworks and elements per MASTER.dwg

890815	RSK	ZZ	XX	DR	C	8210	P03
Project	Org	Vol/Sp	Lin/Loc	Type	Risk	Clav No.	Rev

Scale 1:500

0 5 10 15 20 25m