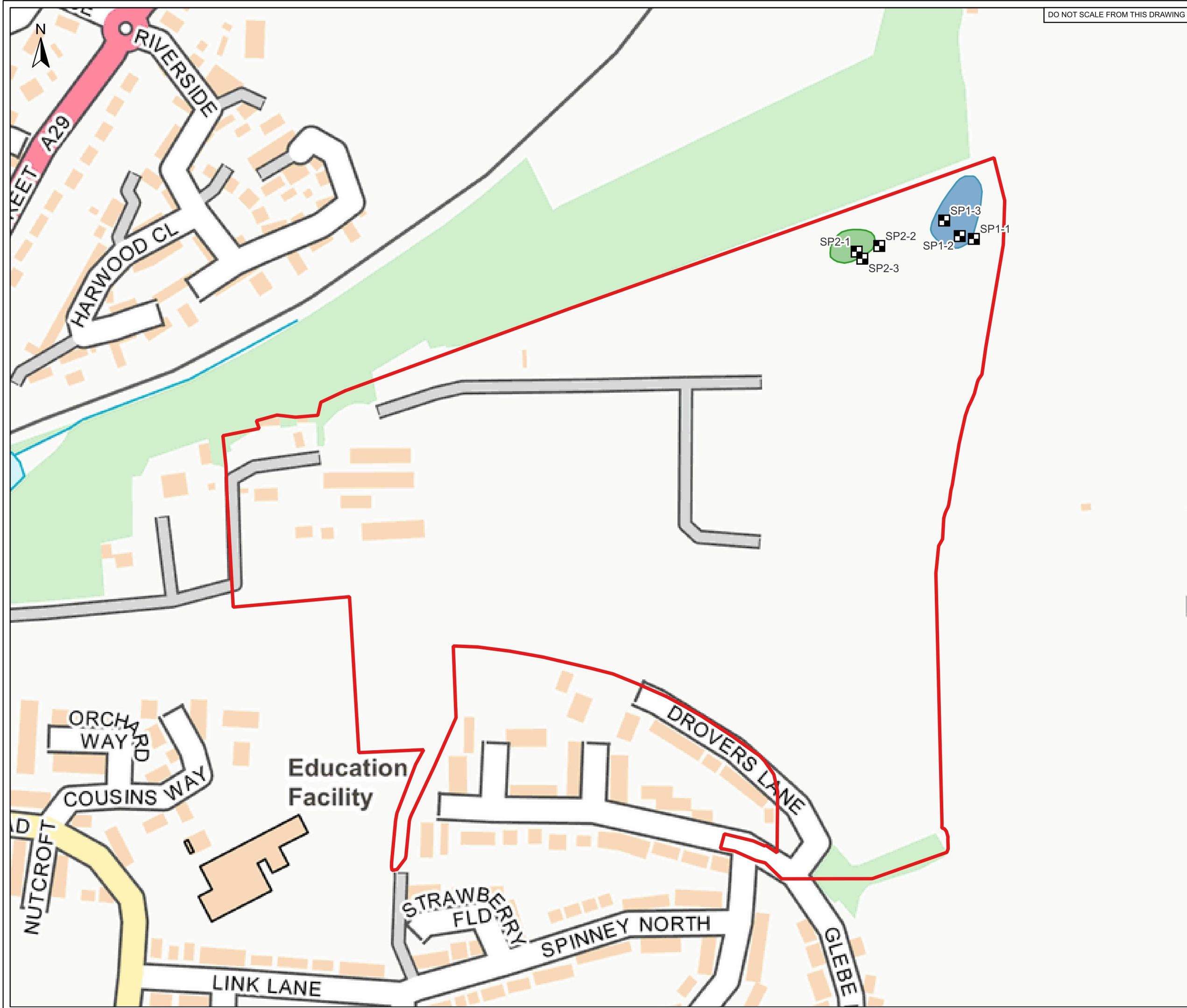




LEGEND

Site Boundary

Hand Excavated Trial Pit Location

Stockpiles

SP1

SP2

Notes:
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leap
environmental

part of **RSK** Geosciences

1 Forest Park Way, Pease Pottage,
West Sussex, RH11 9ZG

Client

BDW Trading Ltd

Project Name

New Place Farm – Waste Classification Report

Description

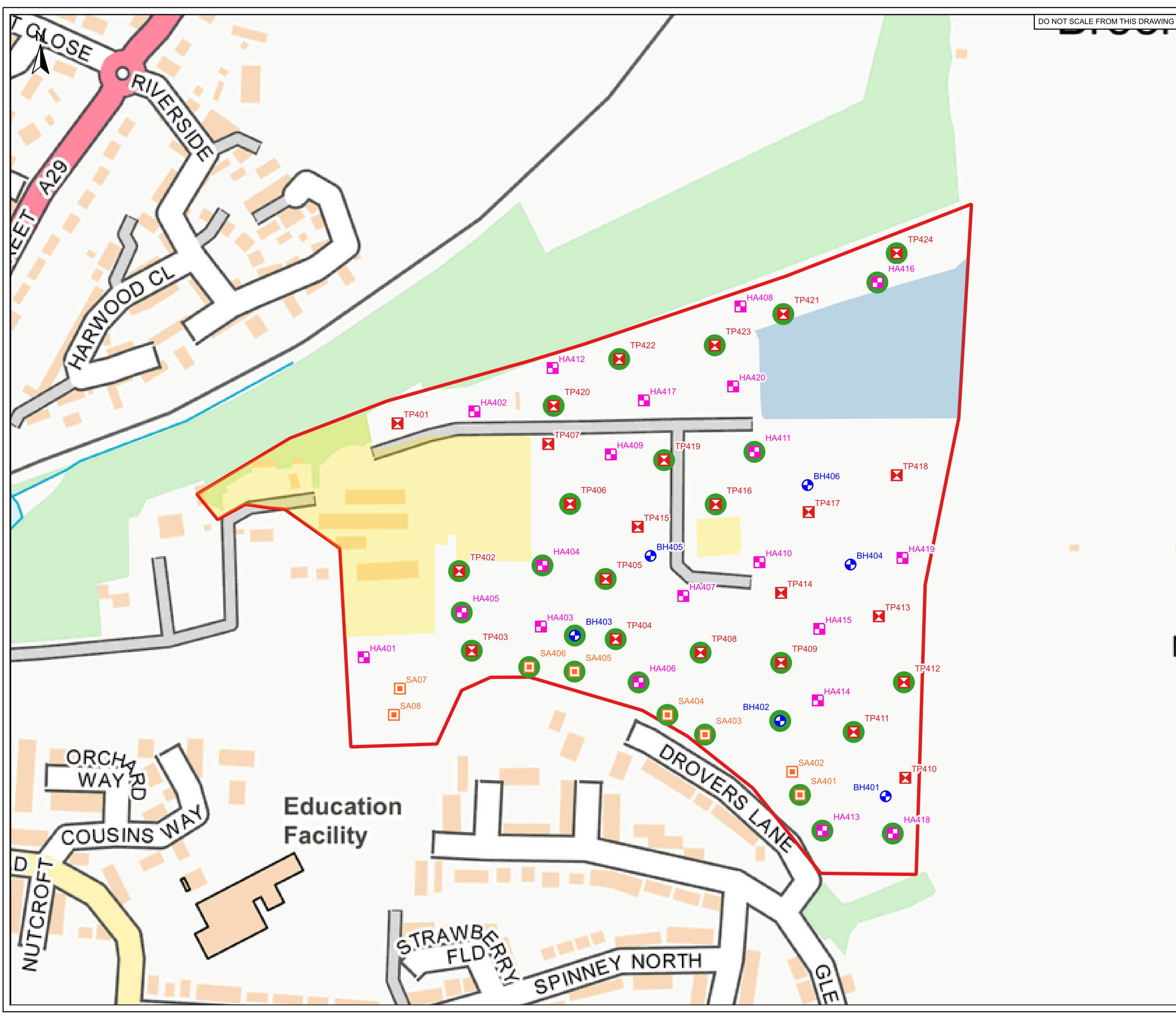
Stockpile Location Plan

File name

3750966-LW-222-XX-D-G-22204-C01

020406080100 m





LEGEND

- Site Boundary
- Inaccessible Due to Buildings, Woodland or Surface Water
- Ecology Translocation Zone
- Topsoil Identified

Site Investigation Locations

- Rotary Borehole
- BRE365 Soakage Pit
- Trial Pit
- Hand Dug Trial Pit

Notes:

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C01	06.10.25	First Issue	RT	RM	RM
Rev	Date	Amendment	Drawn	Chkd	Appd

part of **RSK** Geosciences

1 Forest Park Way, Pease Pottage,
West Sussex, RH11 9ZG

Client

BDW Trading Limited

Project Name

New Place Farm

Description

Topsoil Location Plan

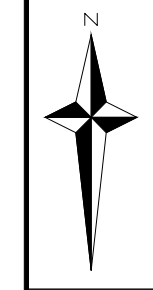
Project ID	Drawing no.	Revision
3750966	11303	C01

File name

3750966-LW-113-XX-D-G-11303-C01

Dimensions	Scale	Size
m	1:2,500	A3

0 20 40 60 80 100 m



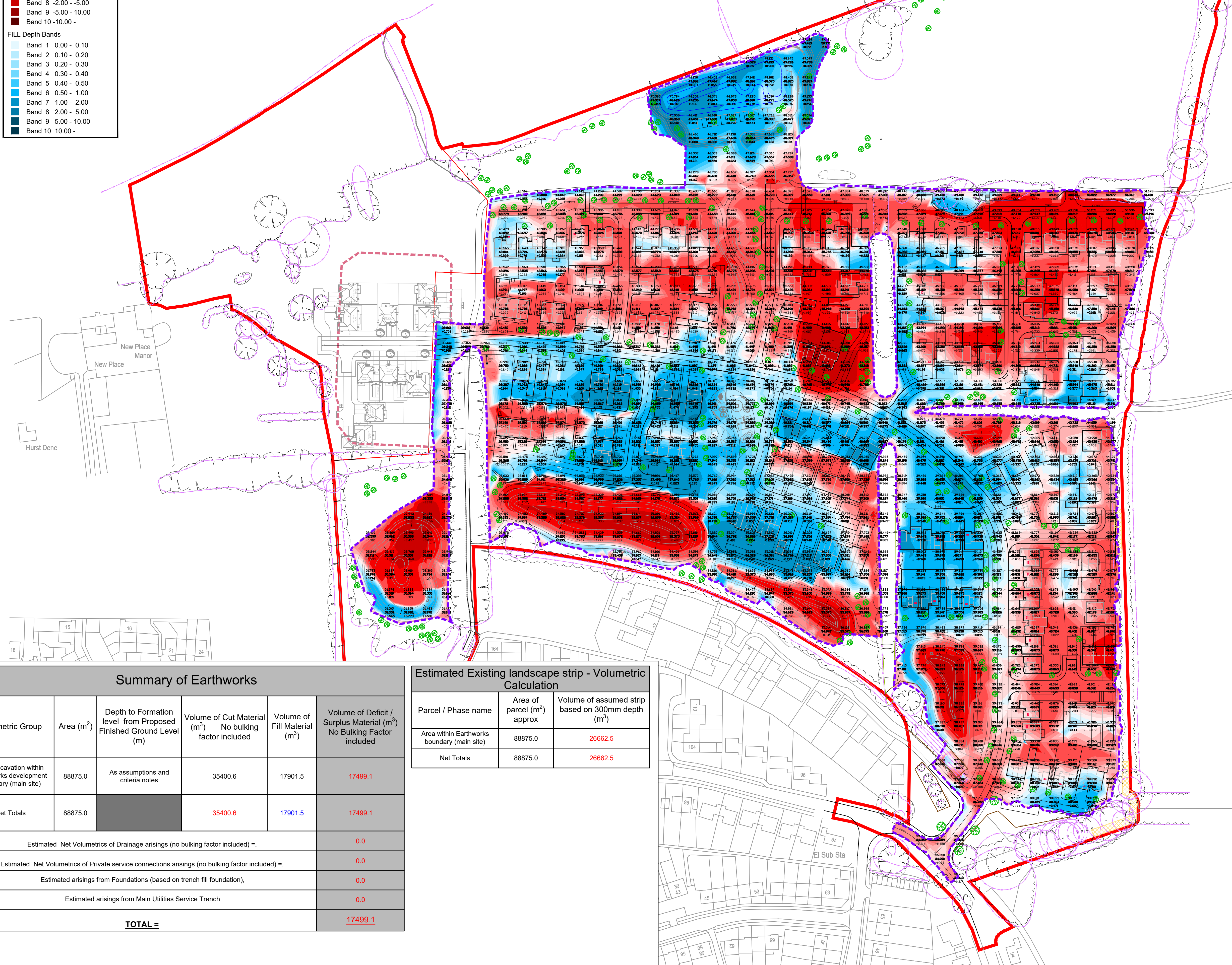
Isopachyte banding levels
base on topographical level, minus
300mm and formation levels

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 -



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.
- The volumetric calculations are based on Finished ground levels minus the depth to formation.
- An average site strip has been assumed (300mm) and removed prior to calculation of earthworks volumetric.
- 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 area.

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 (main site)
- Extent of compound site
- 134.850 Site strip level (Topo - 300mm)
- + 135.250 formation level (fgl - 600mm)
- 0.400 difference between the above levels

T04	05.09.2025	Issued for TENDER - Layout updated	GXA	RD	APT
T03	01.07.2025	Revised to suit latest levels and layout	JON	RD	APT
T02	29.01.2025	Revised to suit latest levels, volumetric calculations table adjusted.	JON	RD	APT
T01	10.01.2025	Issued for TENDER	JON	RD	APT
Rev.	Date	Amendment	Drawn	Chkd.	Appd.



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NEW PLACE FARM
PULBOROUGH
WEST SUSSEX

Status **TENDER**

Drawing Title **EARTHWORKS ASSESSMENT**

Drawn	Date	Checked	Date	Approved	Date
JON	Dec 24	GXA	Dec 24	RD	Dec 24
Scale	1:1,000	Orig Size	A1	Dimensions	m
Project No.	H9376 (890815)	Drawing File	H9376-RSK-ZZ-JX-DR-CE-361051 Earthworks Assessment.dwg		
Drawing No.	H9376	Rev.	T04		
Project	Orig	Vol/Sys	Lev/Loc	Type	Role
					Draw No.
Scale 0 10 20 30 40 50m					

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 Fill Material (m ³)	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	17901.5	17499.1
Net Totals	88875.0		35400.6	17901.5	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