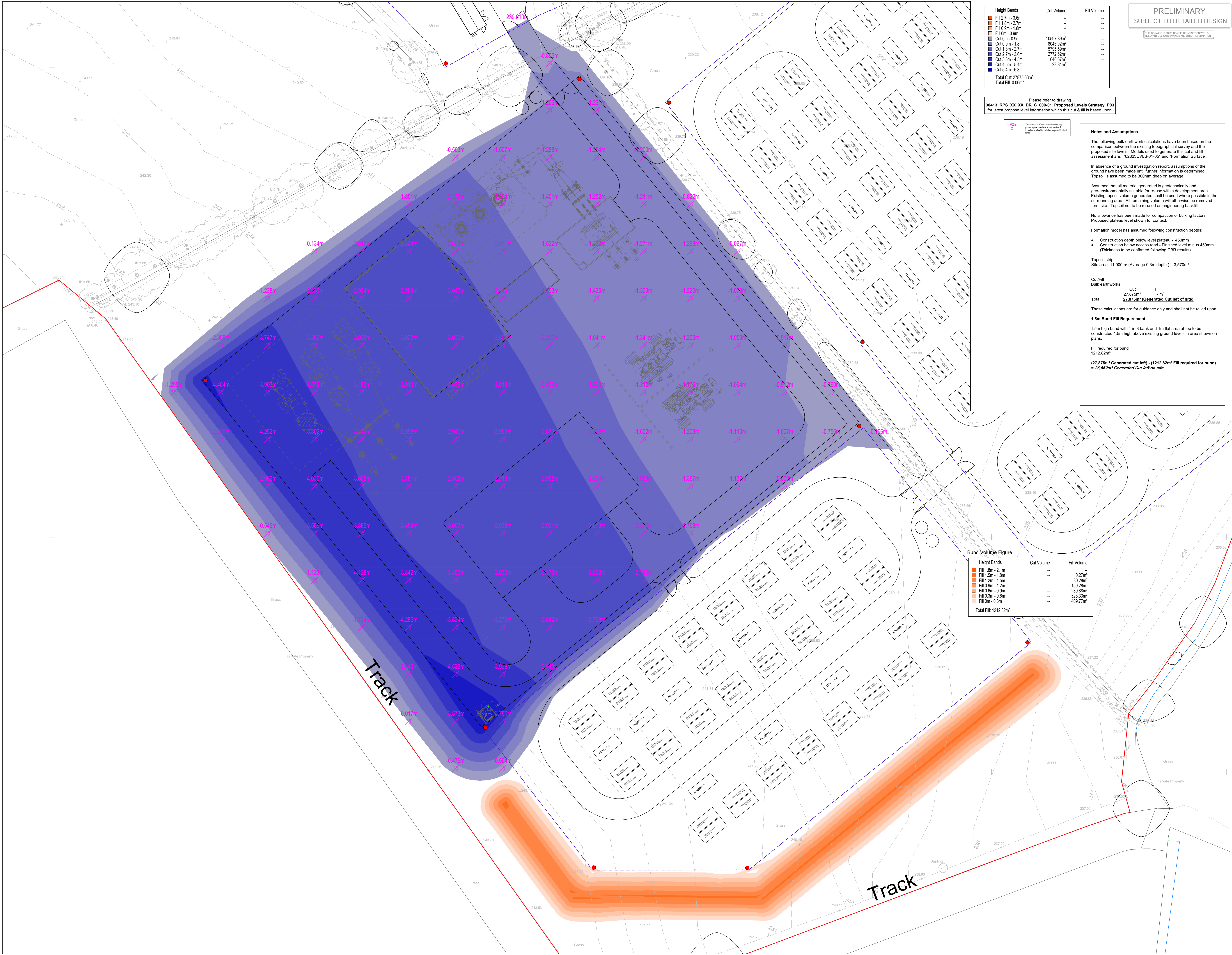


X:\30413\Drawings\30413_RPS_xx_xx_UK_C_500-01_Cut & Fill Strategy.rvt



Height Bands	Cut Volume	Fill Volume
Fill 2.7m - 3.6m	--	--
Fill 1.8m - 2.7m	--	--
Fill 0.9m - 1.8m	--	--
Fill 0m - 0.9m	--	--
Cut 0.9m - 1.8m	10597.89m³	8045.02m³
Cut 1.8m - 2.7m	5795.59m³	2772.62m³
Cut 2.7m - 3.6m	640.67m³	23.94m³
Cut 3.6m - 4.5m	--	--
Cut 4.5m - 5.4m	--	--
Cut 5.4m - 6.3m	--	--
Total Cut: 27875.63m³		
Total Fill: 0.06m³		

Please refer to drawing
30413_RPS_xx_xx_DR_C_600-01_Proposed Levels Strategy_P03
for latest propose level information which this cut & fill is based upon.

-1.00m
X This shows the difference between existing ground top survey level of spot located & proposed level (0.00m above proposed level)

PRELIMINARY SUBJECT TO DETAILED DESIGN

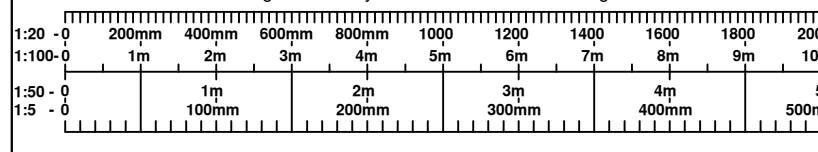
THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL
RELEVANT DESIGN DRAWINGS AND OTHER INFORMATION

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Notes

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- If received electronically it is the recipient's responsibility to print to correct scale. Only written dimensions should be used.
- This drawing should be read in conjunction with all other relevant drawings and specifications.

For guidance only. Do not scale off this drawing



Safety, Health & Environment Information

In addition to the hazards / risks normally associated with the types of work detailed on this drawing take note below. It is assumed that all works on this drawing will be carried out by a competent contractor working, where appropriate, to an appropriate method statement.

Construction risks	Maintenance/Cleaning risks	Demolition/Adaption risks

Notes and Assumptions

The following bulk earthwork calculations have been based on the comparison between the existing topographical survey and the proposed site levels. Models used to generate this cut and fill assessment are: "62823CVLS-01-05" and "Formation Surface".

In absence of a ground investigation report, assumptions of the ground have been made until further information is determined. Topsoil is assumed to be 300mm deep on average.

Assumed that all material generated is geotechnically and geo-environmentally suitable for re-use within development area. Existing topsoil volume generated shall be used where possible in the surrounding area. All remaining volume will otherwise be removed from site. Topsoil not to be re-used as engineering backfill.

No allowance has been made for compaction or bulking factors. Proposed plateau level shown for context.

Formation model has assumed following construction depths:

- Construction depth below level plateau - 450mm
- Construction below access road - Finished level minus 450mm (Thickness to be confirmed following CBR results)

Topsoil strip:
Site area 11,900m² (Average 0.3m depth) = 3,570m³

Cut/Fill
Bulk earthworks

Cut	Fill
27,875m³	- m³
Total :	27,875m³ (Generated Cut left of site)

These calculations are for guidance only and shall not be relied upon.

1.5m Bund Fill Requirement

1.5m high bund with 1 in 3 bank and 1m flat area at top to be constructed 1.5m high above existing ground levels in area shown on plans.

Fill required for bund

1212.82m³

(27,875m³ Generated cut left) - (1212.82m³ Fill required for bund)
= 26,662m³ Generated Cut left on site

Bund Volume Figure

Height Bands	Cut Volume	Fill Volume
Fill 1.8m - 2.1m	--	0.27m³
Fill 1.5m - 1.8m	--	80.28m³
Fill 1.2m - 1.5m	--	159.28m³
Fill 0.9m - 1.2m	--	239.58m³
Fill 0.6m - 0.9m	--	343.35m³
Fill 0.3m - 0.6m	--	409.77m³
Fill 0m - 0.3m	--	--
Total Fill: 1212.82m³		

PD2	Plateau level lowered by 1m to 239m as per client request. Cut & fill figures have been updated accordingly	TG	KK	16/05/25
PV1	First issue	TG	AG	15/03/24
Rev	Description	By	Cut	Date



A TETRA TECH COMPANY
4th Floor, 1 Newhall Street, Birmingham,
West Midlands B3 3NH
T: +44 121 622 9520 E: rps@rpsgroup.com

Client ENSO Energy

Project Greenfields Farm (Cellarhead)

Title Cut & Fill Strategy

Status	Scale	Date Created
Preliminary	1:250 @A0	15.03.24
Task Team Manager	Information Author	Task Information Manager
AG	TG	X
Document Number		
30413-RPS-xx-xx-DR-C-500-01		
Project Code - Originator - Zone - Level - Type - Role - Drawing Number		
RPS Project Number	Subsidiary	Revision
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