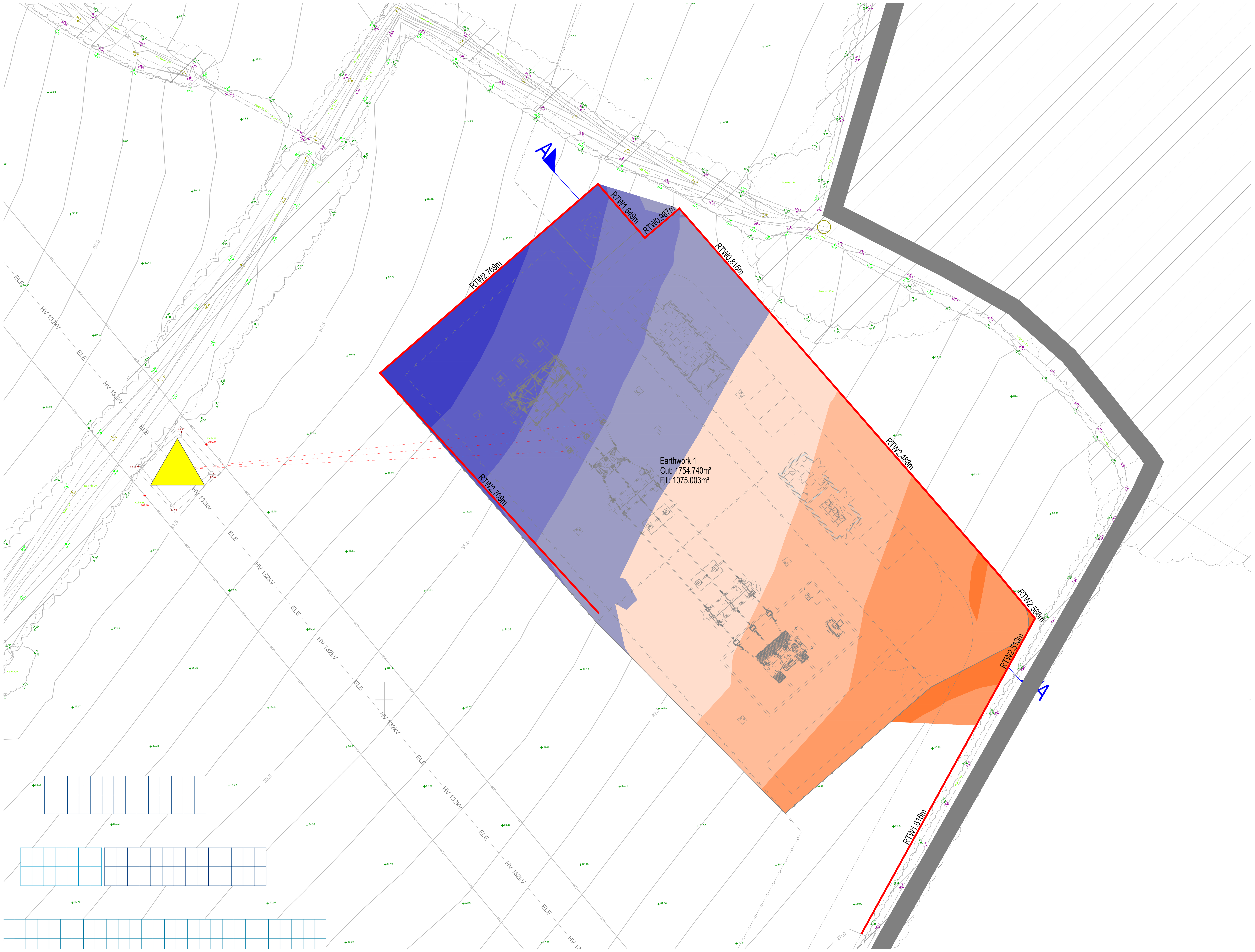


PRELIMINARY
SUBJECT TO DETAILED DESIGN

Cut and Fill assessment based the following assumptions:

- Electric Sub-Station compound to be level
- Construction Depth to be 450mm

Contractors are not to scale from this drawing. All dimensions to be checked on site and any discrepancies, ambiguities and/or omissions between this drawing and information given elsewhere must be reported to this office. If in doubt, ask.

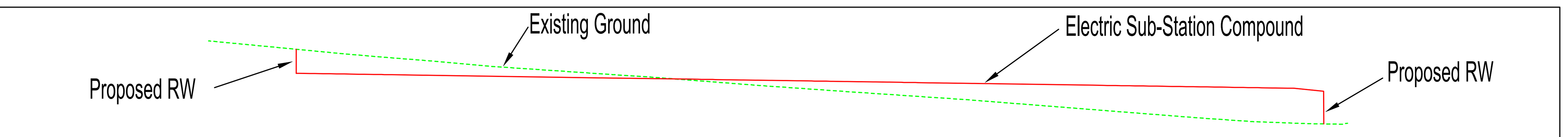
Cut and Fill

Height Bands	Cut Volume	Fill Volume
Fill 2.8m - 3.5m	--	--
Fill 2.1m - 2.8m	--	$6.84m^3$
Fill 1.4m - 2.1m	--	$162.98m^3$
Fill 0.7m - 1.4m	--	$469.31m^3$
Fill 0m - 0.7m	--	$813.47m^3$
Cut 0m - 0.7m	$648.69m^3$	--
Cut 0.7m - 1.4m	$371.93m^3$	--
Cut 1.4m - 2.1m	$164.80m^3$	--
Cut 2.1m - 2.8m	$31.08m^3$	--
Cut 2.8m - 3.5m	$0.04m^3$	--
Cut 3.5m - 4.2m	--	--

Total Cut: $1216.54m^3$
Total Fill: $1452.60m^3$

A-A

Vertical Exaggeration: 1
Datum: 79.000M AOD



EXISTING CHAINAGE (m)	EXISTING LEVELS (m)
0.000	86.171
1.786	86.000
3.657	85.820
6.984	85.500
9.518	85.256
12.140	85.028
15.633	84.754
18.427	84.500
19.945	84.362
23.216	84.141
25.275	84.000
28.498	83.779
31.141	83.608
32.536	83.500
38.895	83.004
45.665	82.527
48.147	82.361
50.685	82.189
53.469	82.000
56.692	81.747
59.815	81.500
62.156	81.315
64.828	81.104
66.148	81.000
69.910	80.703
72.849	80.500
77.781	80.288
78.898	80.274
80.139	80.250

EARTHWORK LEVELS (m): 83.872, 83.852, 83.829, 83.805, 83.785, 83.737, 83.549, 83.518, 83.488, 83.458, 83.428, 83.398, 83.367, 83.337, 83.307, 83.287, 83.257, 83.227, 83.197, 83.166, 83.136, 83.022, 82.998, 82.977, 82.954, 82.930, 82.908, 82.886, 82.862, 82.843, 82.815

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Notes

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

For guidance only. Do not scale off this drawing

Rev	Description	By	Ckd	Date
P03	Update to suit reverted layout and bat buffer of 10m from hedges	KK		06:06:25
P02	Compound layout amended - cut & fill and cross section updated to suit	KK		15:05:25
P01	First Issue	KK		04:02:25

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Client: Qualitas Energy

Project: Heolddu Solar

Title: Electric Sub-Station Cut and Fill Assessment

RPS Project Number	Scale @ A1	Date Created
794-PLN-NDIP-00319	1:250	04.02.2025

Task Team Manager	Information Author	Task Information Manager
KKelsall	KKelsall	-

Status: S2

Document Number: 00319-RPS-xx-xx-DR-C-500-01 — Revision: P03

Project Code - Originator - Functional - Spatial - Type - Discipline - Number

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