

DO NOT SCALE

NOTES

Cut/Fill Depth By Colour Banding			
Number	Minimum Elevation	Maximum Elevation	Colour
1	-12.00	-10.00	Red
2	-10.00	-8.00	Dark Red
3	-8.00	-6.00	Red-Orange
4	-6.00	-4.00	Orange
5	-4.00	-2.00	Light Orange
6	-2.00	0.00	Light Green
7	0.00	2.00	Green
8	2.00	4.00	Dark Green
9	4.00	6.00	Dark Green
10	6.00	8.00	Green
11	8.00	10.00	Light Green
12	10.00	12.00	Light Green

Site Specific
Maximum Cut Depth: -4.93m
Maximum Fill Build-Up: 7.49m

PROPOSED LEVELS

MINE SHAFT LOCATION

Cut/Fill In Brief
CUT: 111607.01 Cu. M.
FILL: 124684.19 Cu. M.
Net Shortfall: 13077.18 Cu. M.

Site Perimeter Has Been Battered To Existing Levels At 1:3.

Gradients And Spot Elevations Displayed Reflect The Proposed Finished Floor Levels.

A 300mm Site Strip Was Calculated And Removed Prior To The Cut/Fill Analysis.

A Site Strip Volume of 27668.33 Cu. M. Has Been Calculated.

Attenuation Volume Has Been Accounted For In The Cut/Fill Analysis.

A 5% Bulking Factor Has Been Accounted For In The Cut/Fill Analysis.

Areas Not Shaded With The Cut/Fill Colour Banding Have Not Been Included In The Cut/Fill Analysis.

The Topography Used In The Cut/Fill Analysis Has Been Generated From 'Greenhatch Group, Topographical Survey, Drawing No. 20379_OGL_Rev_3, Date 05-06.06.14'

Approximate Location Of Existing
Surcharge Stockpile.
Volume: Approx. 10,000 Cu. M.

Stockpile To Be Moved And Reused
For Surcharging Post-Cut/Fill
Earthworks.

Cut/Fill Summary

Name	Cut Factor	Fill Factor	2d Area	Cut	Fill	Net
Cut/Fill Analysis	1.000	1.000	92864.31sq.m	106292.39 Cu. M.	124684.19 Cu. M.	18391.79 Cu. M.<Fill>
Bulking Factor (5%)				5314.62 Cu. M.	0000.00 Cu. M.	5365.41 Cu. M.<Cut>
Total				111607.01 Cu. M.	124684.19 Cu. M.	13077.18 Cu. M.<Fill>

Analysis has been performed using topographical surface generated from 'Greenhatch Group, Topographical Survey, Drawing No. 20379_OGL_Rev_3, Date 05-06.06.14'.

Analysis has incorporated a 300mm site strip, and so site strip volume is not included in the calculation above.

The total site strip volume calculated is 27668.33 Cu. M.

Analysis has included attenuation volume.

Analysis has included a 5% bulking factor.

P07	ARCHITECT LAYOUT ALTERATION.	14.07.20	OLT
P06	UPDATED S278 LAYOUT.	10.07.20	OLT
P05	NOTE ALTERATION.	12.05.20	OLT
P04	APPROXIMATE POSITION OF SURCHARGE STOCKPILE ADDED.	22.04.20	OLT
P03	UPDATED ATTENUATION LAYOUT, TENDER ISSUE.	15.04.20	OLT
P02	ARCHITECT LAYOUT ALTERATION.	29.11.19	OLT
P01	FIRST ISSUE.	10.10.19	OLT
REV	DESCRIPTION	DATE	BY

Project
ROCKINGHAM PHASE 3,
ROCKINGHAM 2&3,
HOTHAM

Drawing Title
PHASE 3 CUT/FILL ANALYSIS

INFORMATION ISSUE

Architect
THE HARRIS PARTNERSHIP



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