



DO NOT SCALE

NOTES

Number	Minimum Elevation	Maximum Elevation	Colour
1	-12.00	-10.00	
2	-10.00	-8.00	
3	-8.00	-6.00	
4	-6.00	-4.00	
5	-4.00	-2.00	
6	-2.00	0.00	
7	0.00	2.00	
8	2.00	4.00	
9	4.00	6.00	
10	6.00	8.00	
11	8.00	10.00	
12	10.00	12.00	

Site Specific

Maximum Cut Depth: 7.63m

Maximum Fill Build-Up: 8.32m

PROPOSED LEVELS

Cut/Fill In Brief

Cut: 328371.11 Cu. M.

Fill: 337108.02 Cu. M.

Net Shortfall: 8736.91 Cu. M.

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

A 1:4 Batter Between Proposed Plateaus Has Been Shown To Account For A Break In Slope In A 1:3 Batter.

This Is A Site-Wide Cut/Fill Analysis And Should Not Be Relied Upon For Final Design. Further Detailed Design Is Required.

Levels Have Been Produced To Tie Into Proposed Link Road Alignment Option 2E.

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 72008.98 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 Combining 'Greenhatch Group, Topographical Survey, Drawing No. 20379_OGL_Rev_3, Date 05-06.14'

P05	ARCHITECT LAYOUT ALTERATION.	29.11.2019	OLT
P04	LAYOUT ALTERATION IN LINE WITH HARRIS/PORT COMMENTS	25.11.19	OLT
P03	PROPOSED LEVELS ALTERATION IN LINE WITH LINK ROAD ADJUSTMENTS	07.11.2019	OLT
P02	ALTERATIONS TO LEVELS IN LINE WITH ARCHITECTS COMMENTS	26.09.2019	OLT
P01	FIRST ISSUE	09.09.2019	OLT

REV	DESCRIPTION	DATE	BY

Project

ROCKINGHAM PHASE 2A & 2B, ROCKINGHAM 2&3, HOYLAND

Drawing Title

CUT/FILL ANALYSIS

INFORMATION ISSUE

Architect

THE HARRIS PARTNERSHIP

JPG

www.jpg.group

Leeds London Birmingham 0113 263 1155

JPG Project Ref	Scale of A0	Date	Checked	Drawn
4652-2	1:1000	SEP19		OLT

4652-2 - JPG - SW - 00 - DR - C - 1201 S2 POS

Cut/Fill Summary

Name	Cut Factor	Fill Factor	2d Area	Cut	Fill	Net
Cut/Fill Analysis	1.000	1.000	240029.93sq.m	303210.58 Cu. M.	337108.02 Cu. M.	33897.44 Cu. M.<Fill>
Attenuation				10000.00 Cu. M.	0000.00 Cu. M.	10000.00 Cu. M.<Cut>
Bulking Factor (5%)				15160.53 Cu. M.	0000.00 Cu. M.	15160.53 Cu. M.<Cut>
Total				328371.11 Cu. M.	337108.02 Cu. M.	8736.91 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 72008.98Cu. M.

Analysis has included attenuation volume.

Analysis has included a 5% bulking factor.