



- General:
1. This drawing is to be read in conjunction with all relevant Architects, Engineers and Specialists drawings and specifications.
 2. All dimensions in millimetres unless noted otherwise. All levels in metres unless noted otherwise.
 3. The contractor is to check and verify all dimensions and levels before commencing work.
 4. Any discrepancies noted on site are to be reported to the Engineer immediately.
 5. Background plan based on topographic survey data created by others and supplied for the purpose of carrying out engineering works. We cannot be held responsible for the content, completeness and accuracy provided to us by others. Topographical survey taken from Greenhatch plan reference:
 - 37828_T (8/9/20).
 6. Architectural layout taken from CBRE plan reference:
 - 2136 - PL001 - REV F (DEC 2020).

NO PART OF THIS DOCUMENT MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR STORED IN ANY RETRIEVAL SYSTEM OF ANY NATURE WITHOUT THE WRITTEN PERMISSION OF THE BAYNHAM MEIKLE PARTNERSHIP LIMITED AS COPYRIGHT HOLDER EXCEPT AS AGREED FOR USE ON THE PROJECT FOR WHICH THE DOCUMENT WAS ORIGINALLY ISSUED.

CUT / FILL ANALYSIS
 USING AVAILABLE TOPOGRAPHICAL SURVEY INFORMATION FROM GREENHATCH
 REF: 37828_T (8/9/20).
 THIS EARTHWORKS STRATEGY HAS BEEN COMPILED WITH THE FOLLOWING PARAMETERS / ASSUMPTIONS:

1. NO SITE STRIP OF EXISTING SOFT LANDSCAPING HAS BEEN ASSUMED.
2. NO BULKING FACTORS HAVE BEEN TAKEN INTO ACCOUNT.

THE FOLLOWING CONSTRUCTION MAKE UPS HAVE BEEN ASSUMED. A CBR OF 6% HAS BEEN USED ON THE ASSUMPTION THAT ANY SOFT MATERIAL IS REMOVED, PROOF ROLLED AND TESTED.

- | | |
|---------------------------------|-----------------------------|
| PERMEABLE AISLES - 680mm | PARKING BAYS - 575mm |
| - 80mm BLOCKS | - 40mm SURFACE COURSE |
| - 50mm SHARP SAND | - 60mm BINDER COURSE |
| - 100mm ROAD BASE | - 75mm ROAD BASE |
| - 450mm TYPE 3 STONE | - 150mm DOT TYPE 1 SUB-BASE |
| - GEOGRID | - 250mm 6F2 CAPPING |
| | - GEOGRID |

THE TABLE BELOW GIVES CUT / FILL VOLUMES TAKING INTO ACCOUNT THE FACTORS MENTIONED ABOVE WHEN COMPARING THE EXISTING SITE AND PROPOSED SITE AT FORMATION LEVEL:

REFERENCE	CUT	FILL
CUT FROM PROPOSED FORMATION LEVEL TO SURVEY FORMATION	10,665m ³	
FILL TO PROPOSED FORMATION LEVEL FROM SURVEY FORMATION		1,178m ³
DRAINAGE ARISINGS (ASSUMED)	100m ³	
SUB-TOTALS	10,765m³	1,178m³
NET	9,587m³	

— -0.300 CUT CONTOUR
— 0.300 FILL CONTOUR

FOR INFORMATION

Rev	Date	Description	By	Chkd By
A	17/12/2020	UPDATED TO SUIT LATEST LAYOUT.	JH	GL
-	25/09/2020	First Issue	JH	GL

Revision Schedule

Project Title
**ADDITIONAL CAR PARKING
 PROLOGIS PARK – BIRMINGHAM INTERCHANGE**

Drawing Title
BULK EARTHWORKS PLAN

Drawn by JH	Checked by GL	Project Engineer GL
Date SEPT 20	Scale 1:500	Project No 12992
	Drawing No 103	Rev A

BAYNHAM MEIKLE
 Consulting Structural & Civil Engineers

8 Meadow Road, Edgbaston, Birmingham B17 8BU
 Tel: 0121 434 4100 Fax: 0121 434 4073 Email: admin@bm-p.co.uk

