

EARTHWORKS

1. THIS DRAWING IS FOR INFORMATION PURPOSES ONLY. VOLUMES STATED ARE APPROXIMATE. CONTRACTOR TO CARRY OUT HIS OWN ANALYSIS FOR ACCURACY. ANY ADJUSTMENTS TO FLOOR LEVELS MUST BE CHECKED AGAINST THE PLANNING APPROVAL

2. VOLUMES EXCLUDE BULKING FACTORS AND ASSUME ALL ARISING ARE INERT AND SUITABLE FOR RE-USE AS FILL AND DO NOT NEED MODIFYING OR TREATMENT

3. AREAS:

SITE

BUILDINGS

HARDSTANDING

LANDSCAPING

12,560m²

3,300m²

2,845m²

6,415m²
4. SURFACES MODELLED

BASE SURFACE = EXISTING TOPOGRAPHICAL SURVEY (SITE SURVEYING SERVICES S24208-DR01) LESS 450mm COMPARISON SURFACE = PROPOSED FINISHED LEVELS

COLOURED ELEVATION ISOPACHYTES REPRESENT DIFFERENCE BETWEEN THESE SURFACES

CUT (RED)

FILL (GREEN)

RESULT

12,120m²

11,382m²

738m² TO CUT

5. SITE STRIP

TOPSOIL

5,700m³ PLACED AS ILLUSTRATED

AVG. 450mm THICKNESS OF EXISTING TOPSOIL OBTAINED FROM BOREHOLE LOGS IN SITE INVESTIGATION (E3P, 16-315-R2)

6. EXCAVATIONS:

ATTENUATION FOUNDATIONS

500m³ STOCKPILE FOR FILL

220m³ STOCKPILE FOR FILL

7. IMPORT:

SURFACING

2,700m³ FOR CONSTRUCTION

THIS INCLUDES SURFACE FINISHES, TYPE 1 AND 6F2 LAYERS.

8. SUMMARY:

NET VOLUME

4,158m³ EXCESS SUBSOIL TO STOCKPILE

CONSTRUCTION OF NEW SURFACES ASSUMES A MIN. 5% CBR IS ACHIEVED AT FORMATION.

LEGEND

SITE BOUNDARY

PROPOSED RETAINING WALL

PRoW

TREE ROOT PROTECTION AREA

CUT AND FILL BAND			
Number	Elevation Ranges	Elevation Ranges	Color
1	-5.000	-4.000	
2	-4.000	-3.000	
3	-3.000	-2.000	
4	-2.000	-1.000	
5	-1.000	0.000	
6	0.000	1.000	
7	1.000	2.000	
8	2.000	3.000	
9	3.000	4.000	

Rev.	Date	Description	Technician	Reviewer
P4	15.05.24	PRELIMINARY ISSUE	RM	IG
P3	07.05.24	PRELIMINARY ISSUE	RM	IG
P2	29.04.24	PRELIMINARY ISSUE	RM	IG
P1	22.04.24	PRELIMINARY ISSUE	RM	IG

Project
BOWDEN HEY ROAD
CHAPEL-EN-LE-FRITH

EARTHWORKS CUT AND FILL VOLUMES

Drawing Set	Drawing Status	Scale	Project Number	Drawing Number	Revision
GROUNDWORKS INFORMATION		1:500 @ A1 1:1000 @ A3	24-008-I&L	G00	P4