

NOTES:

TOPSOIL
Average topsoil depth taken from Window Samples = 0.3m Topsoil to be stripped from site for screening = 96,754m² x 0.3m =

Topsoil to be re-used at 0.3m depth on gardens / landscaped areas = 51,924m² x 0.3m = 15,577m³ Topsoil to be spread over hatched open space area at a depth of $0.3m = 29,120m^2 \times 0.3m = 8,736m^3$

Surplus topsoil post development = $\frac{4,713\text{m}^3}{}$

FORMATION MODEL

The site survey model has been lowered by 300mm to account for the average topsoil strip for the entire site. The proposed formation model has been created using the following construction depths below

Plot floor slabs detached garage slabs - 300mm drives/gardens/POS - 300mm - 750mm (est. cbr 3%) footways

CUT / FILL EXERCISE

Gross volume: Cut 14,372m³ 24,916m³ 10% Bulk 15,809m³

Trad. foundation arisings (50m³ p/plot) = 214 x 50m³ + 10% = 11,770m³

Apartment trad. foundation arisings (50m³ p/footprint) = 4 x 50m³ + 10% = 220m³

Main drainage arisings + 10% = 5,062m³ approx
Masonry retaining wall arisings + 10% = 650m³ (estimated)
Service trench arisings + 10% = 1,155m³
Total arisings = 18,857m³

 $TOTAL = 9,750m^3 (SURPLUS)$

ALL SURPLUS SUBSOIL TO BE SPREAD OVER HATCHED AREAS IN ADJOINING FIELDS WITHIN BLOOR'S OWNERSHIP AT A DEPTH OF 0.35M. SURPLUS TOPSOIL TO BE SPREAD OVER THE TOP AT A DEPTH OF 0.3M. SEE DRAWING MI127-EN-132

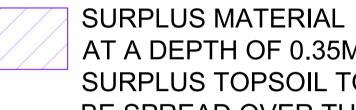
KEY:

CUT Depth Bands

- Band 1 -0.00 -0.50
- Band 2 -0.50 -1.00
 - Band 3 -1.00 -1.50 Band 4 -1.50 - -2.00
- Band 5 -2.00 -2.50
- Band 6 -2.50 -3.00 FILL Depth Bands

Band 1 0.00 - 0.50

- Band 2 0.50 1.00
- Band 3 1.00 1.50
- Band 4 1.50 2.00



AT A DEPTH OF 0.35M. SURPLUS TOPSOIL TO BE SPREAD OVER THE TOP AT A DEPTH OF 0.3M

A Updated to suit latest layout 09.04.19 | NE B Updated to include bulking factor and service trench and retaining wall arisings

Proposed Development at Bunny Lane Keyworth

Misc Engineering Cut & Fill Sheet 1 SCALE**09.04.19** 1:500 @ A0

BLOOR HOMES[®]

MI127-EN-130B

DRAWN: **NE** CHECKED: