

**APPROXIMATE CUT AND FILL VOLUMETRICS**

An allowance of a 300mm deep soft strip has been made across the site for the areas shown. Refer to ENZYGO report GRM.1027.041.GER.001.B for material description.

Cut & Fill volumes have been based on the following construction depths:

- Dwellings: 525mm inc under floor void
- Roads: 640mm
- Car Parks: 640mm
- Landscaped Areas: 150mm

Total estimated volume from Soft Strip = 24,000m<sup>3</sup> Unbulked

This material may be used as fill within landscaped areas subject to confirmation from geotechnical engineers.

It should be noted that combraash arisings have been reported as being unsuitable as engineering fill.

Earthworks model has been based on an interpreted topographical survey, with existing bunds removed. Full resurvey of site post bund removal is required to verify design.

No allowance of arisings from drainage runs or services has been made in volumes quoted.

Estimated volume of arisings from domestic soakaways: 4200m<sup>3</sup>

Estimated volume of arisings from strip foundations: 3500m<sup>3</sup>

Estimated volume of arisings from rainwater harvesters: 600m<sup>3</sup>

Note: volume of fill quoted below applies to landscaped areas.

\*The above is based on design calculations and does not take into account working space and temporary works

**WHOLE SITE VS SITE SURVEY**

Prismoidal Volume Calculations

Summary of Total Volumes of Cut/Fill:

PGM1 (Existing) model: X:\01 REUBY & STAGG PROJECTS\10346 BICESTER\10346 DRAI	PGM2 surface relative to PGM1 surface	PGM2 surface relative to PGM1 surface
PGM2 (Proposed) model: X:\01 REUBY & STAGG PROJECTS\10346 BICESTER\10346 DRAI	Cut	Fill
	Gross: 6451.2	25539.6
	Nett: 19088.4	



CUT Depth Bands	FILL Depth Bands
Band 1	Band 1
Band 2	Band 2
Band 3	Band 3
Band 4	Band 4
Band 5	Band 5
Band 6	Band 6
Band 7	Band 7
Band 8	Band 8
Band 9	Band 9
Band 10	Band 10

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