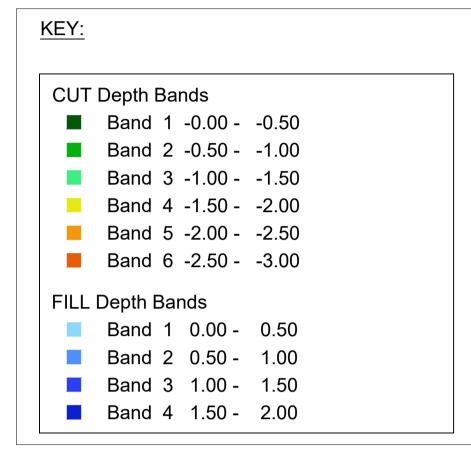
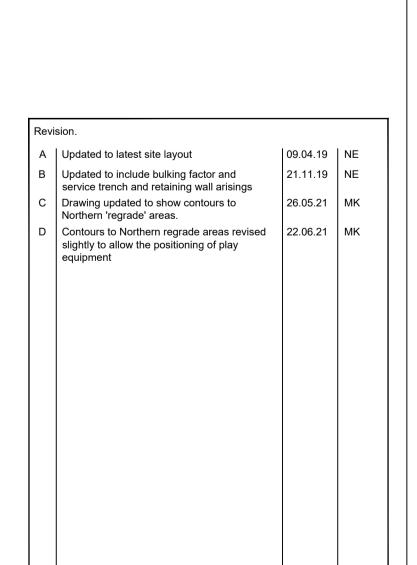


Topsoil to be re-used at 0.3m depth on gardens / landscaped areas = $51,924\text{m}^2 \times 0.3\text{m} = \frac{15,577\text{m}^3}{15,577\text{m}^3}$ Topsoil to be spread over hatched open space area at a depth of 0.3m = $29,120\text{m}^2 \times 0.3\text{m} = \frac{8,736\text{m}^3}{15,5730\text{m}^3}$ Surplus topsoil post development =4,713m³ 9 FORMATION MODEL

The site survey model has been lowered by 300mm to account for the average topsoil strip for the entire site. The proped formation model has been created using the following construction depths below designed levels :-Plot floor slabs detached garage slabs - 300mm drives/gardens/POS - 300mm - 750mm (est. cbr 3%) - 250mm ` footways CUT / FILL EXERCISE Gross volume: Cut 14,372m³ 24,916m³ 10% Bulk 15,809m³ Nett volume: ESTIMATED ARISINGS Trad. foundation arisings (50m³ p/plot) = 214 x 50m³ + 10% = 11,770m³ Apartment trad. foundation arisings (50m³ p/footprint) = 4 x 50m³ + 10% Main drainage arisings + $10\% = 5,062\text{m}^3$ approx Masonry retaining wall arisings + $10\% = 650\text{m}^3$ (estimated) Service trench arisings + $10\% = 1,155\text{m}^3$ Total arisings = $18,857\text{m}^3$ $TOTAL = 9,750m^3 (SURPLUS)$ ALL SURPLUS SUBSOIL TO BE **EVENLY SPREAD ACROSS THE** NORTHERN AREAS MARKED FOR LEVEL RAISING AT A DEPTH OF 0.35m. THESE AREAS ARE TO BE FINISHED OFF WITH 0.3m OF





Proposed Development at Bunny Lane Keyworth Misc Engineering Cut & Fill Sheet 2 SCALE: **22.11.18 1:500 @ A0** DRAWN: **NE** CHECKED:



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