



# BONNINGTON MAINS QUARRY

# THE DEVELOPMENT PROPOSALS

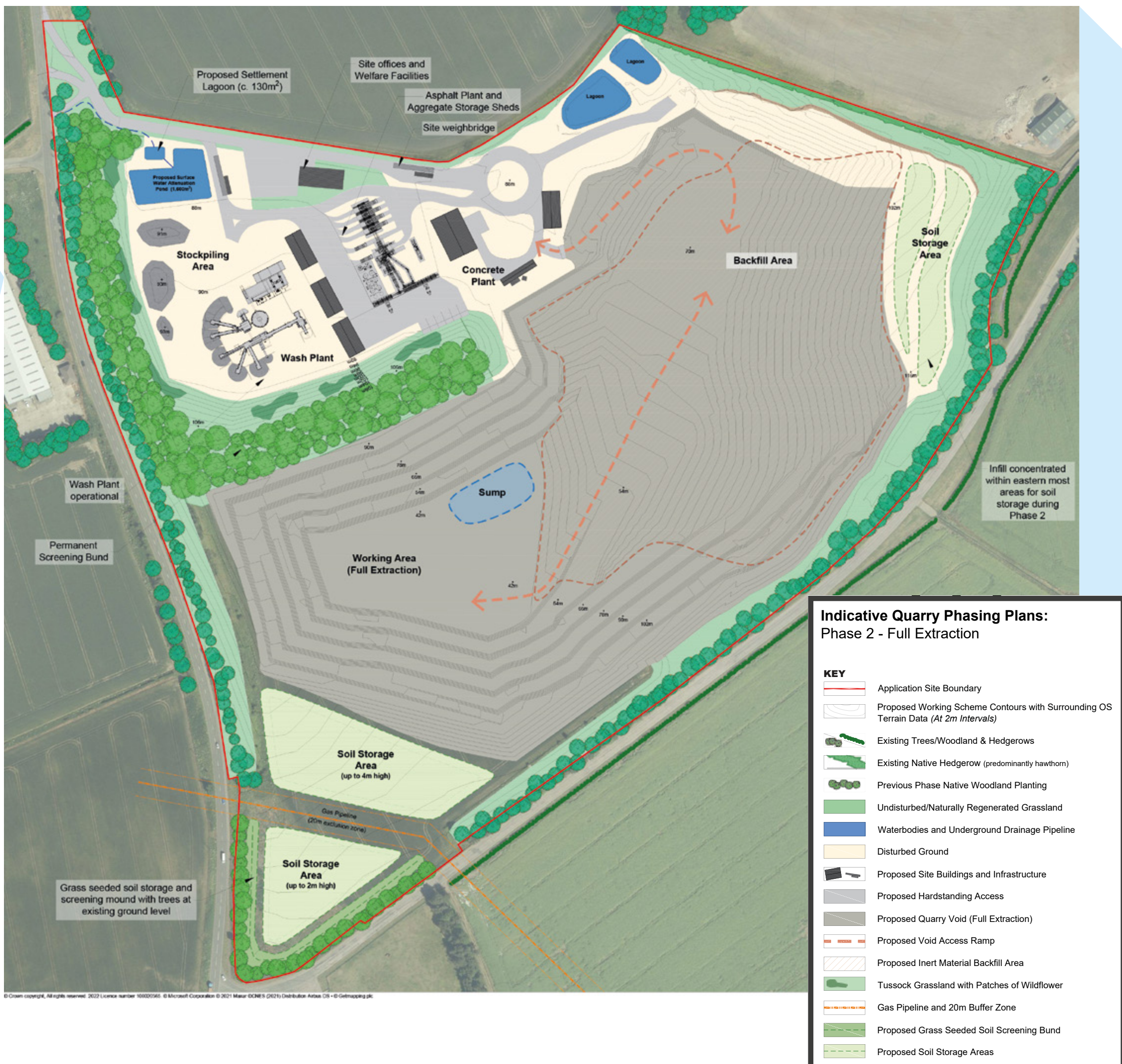
## INTRODUCTION

Breedon intend to make a planning application to The City of Edinburgh Council for the following development;

- **Western extension of quarrying operations into the southern portion of the adjoining field.**
- **Construction of a Materials Recycling Plant, designed to recycle construction and demolition waste into recycled aggregates.**
- **Progressive infilling of the quarry void with residual material generated by the Materials Recycling Plant.**
- **Restoration of the quarry void to agricultural grassland, woodland and wetland.**

## WESTERN QUARRY EXTENSION

In order to maintain production of building products at Bonnington Mains Quarry, it is proposed to extend the quarry in a south-westerly direction, into the southern portion of the adjoining field.



The proposed extension to Bonnington Mains Quarry would be operated as a continuation of the current permitted operations, using the conventional quarrying techniques currently employed at the Site, and would be sufficient to maintain production from the quarry for 11 to 15 years, depending on demand.



## MATERIALS RECYCLING PLANT

It is proposed to install a Materials Recycling Plant within the yard located in the northwest area of the site. The Materials Recycling Plant would wash and screen imported inert construction and demolition waste and soils in order to create recycled aggregates such as sand and gravel.

Fine silt / clay material would be separated from the recycled aggregates as a wet slurry. These fines would be fed through a filter press which separates the fines from the water and creates a dry 'filter cake', a clay/silt by-product. The dry 'filter cake' would be used to infill the quarry void and restore the site.

The Materials Recycling Plant would be constructed towards the end of Phase 1 / early Phase 2, once the quarry void is further developed to allow sufficient space for mineral extraction, recycling and infilling to take place.