

LEGEND

- Existing profile to be excavated
- Final quarry profile
- Restoration profile
- Existing ground
- Restoration backfill

CLIENT



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PROJECT

Whitehill Quarry, Burford
Proposed extension

TITLE

Illustrative Cross Sections

SCALE

1:200 @A1
1:400 @A3

DRAWN BY

KH/KB

DATE

Aug 2022

DRAWING NUMBER

W8_LAN_019

REV

Landscape

The boundary of the Cotswolds Area of Outstanding Natural Beauty (AONB) runs along the A40 just north of the existing quarry and it is important to ensure the setting of the AONB is protected. A full visual and landscape assessment has been undertaken looking at the site from around various viewpoints to understand how working the extension could impact the landscape and what you would see. The views of the extension area are limited and the proposals would include screening bunds and hedge planting along the site boundaries. The site restoration will change the shape of the land but it will return largely to an agricultural use as at present but enhanced with planting creating new wildlife habitats.



Water

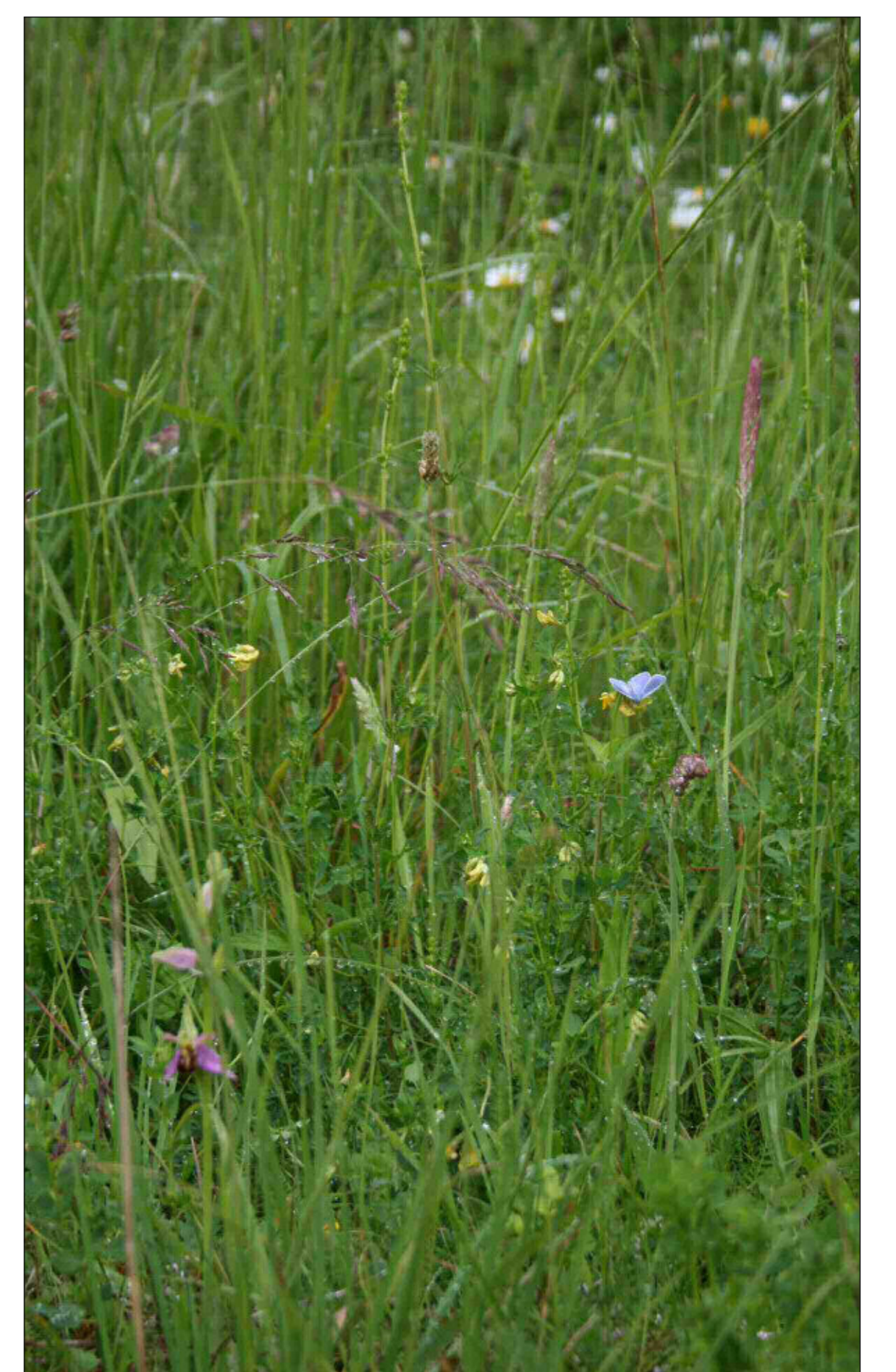
There aren't any surface water features across the extension area and it is in the lowest area of flood risk but there could be the potential to encounter groundwater as the ground is lowered with the quarry operations and we need to ensure we don't cause flooding problems off site. So we've been monitoring groundwater, looking at the various water features in the area and undertaking modelling using geological information all to understand any potential impacts of groundwater. The proposals will ensure the site is managed with suitable drainage arrangements both during working and once the site is restored to avoid any impact on water quality or problems with drainage or flooding. The restoration will see the quarry floor raised to ensure it will stay dry with a pond created to assist with drainage.



Wildlife

Various field surveys have been undertaken to find out what wildlife is using the extension field and the nature of any habitats there. The ecological work has also looked beyond the site in assessing potential impacts for wildlife.

As an agricultural field with little natural vegetation we've found limited interest. The restoration scheme has been designed to create new habitats to enhance biodiversity and give meaningful biodiversity gain.



Traffic

Traffic from the extension will continue to use the existing quarry access directly onto the A40 and no other access to the site will be used for quarry traffic. The extension proposals will see a continuation of the same traffic as at present with a slight increase for the restoration works. The assessments of traffic have confirmed the suitability of the access and the capacity of the highway network at the quarry entrance. No recorded road accidents have occurred along the A40 in the vicinity of the quarry access. As per the current arrangements traffic from the quarry will not travel through Burford unless necessary to make a delivery there.



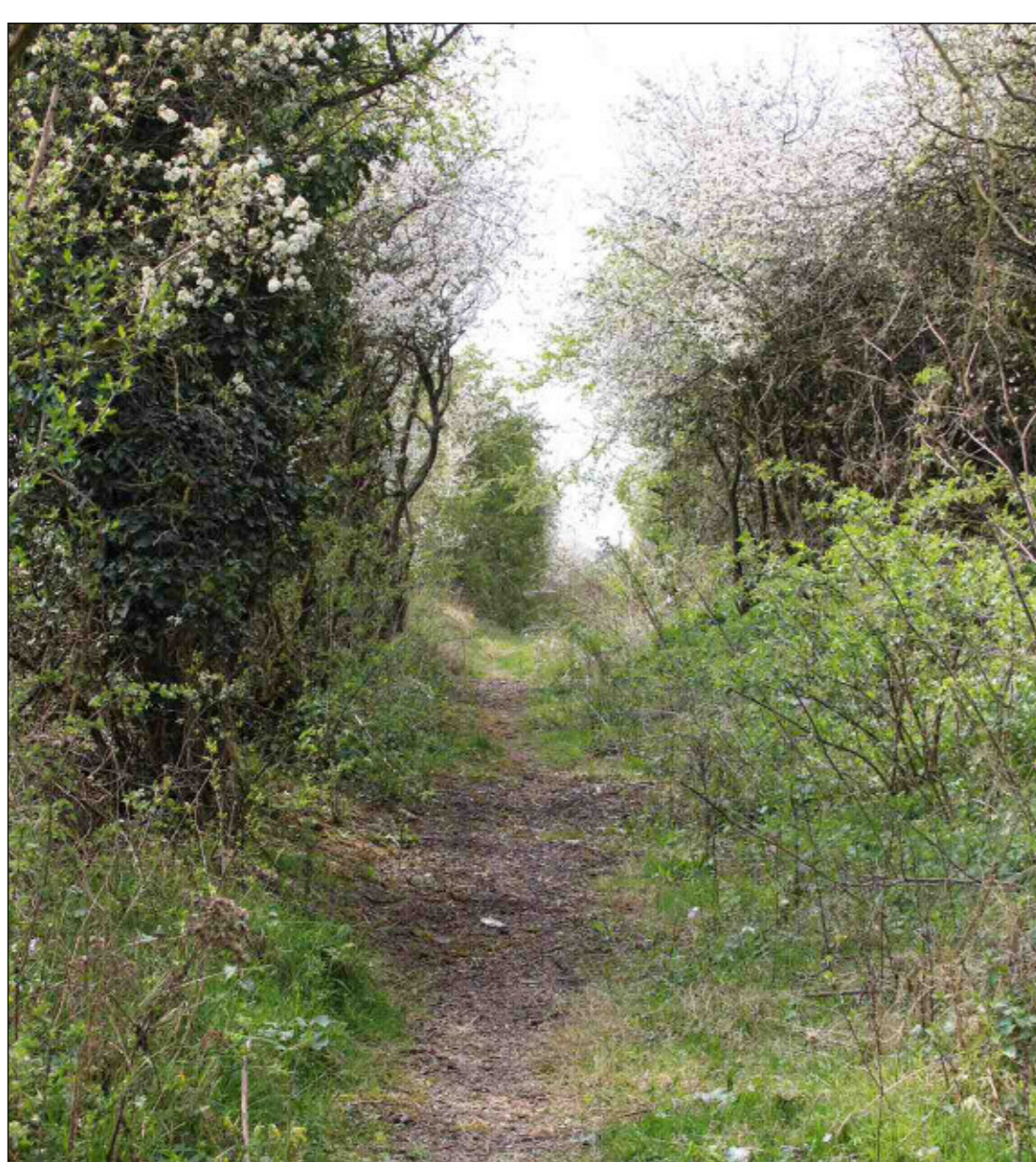
Noise and Dust

Noise and dust surveys have taken place to establish what the background levels in the surrounding area are. Assessments have then been made to estimate noise and dust impacts including noise modelling. The assessments did not find any significant adverse impacts from noise and dust. A variety of measures will be employed to mitigate any impacts which will include good housekeeping management of the site operations and a screening bund around the edge of the extension area.



Archaeology

The main feature of interest is the line of a Roman road along the eastern boundary of the extension field. The field has been subject to geophysical investigation and 61 shallow trenches were dug to investigate features of potential interest. Two trenches found some evidence of possible prehistoric activity, possibly a ring ditch and bronze age barrow. These areas would be the subject to full archaeological dig and recording of the findings when the site's soils were removed.



Rights of Way

A public bridleway runs along the eastern boundary of Whitehill Quarry which is currently in a poor condition but Smiths are working with Oxfordshire's Rights of Way Team to improve this. The Bridleway crosses between the existing quarry and proposed extension area so we are proposing a diversion around the eastern side of the extension field which will be screened by a landscaped bund. We are also proposing a permissive footpath route arrangement along the original Bridleway route which will allow pedestrian use during operations. At the end of workings the Bridleway will revert to its original route.

Members of the team working on the proposal are available today to talk to and answer any questions that you may have.

We want and welcome your feedback on our proposal and you can do this by either:

Completing a feedback form today and place it in the box provided

or

**Visiting the exhibition online at
www.smithsbletchington.co.uk/planning-applications-whitehill
where you can also leave your comments.**

Next Steps

We will consider all the comments we receive and they will help to shape our final planning application to Oxfordshire County Council which we hope to submit in the Autumn.

When the planning application is submitted the Council will consult extensively with many statutory and non-statutory stakeholders. They will also publicise the application and invite public comments. They will consider all the comments they receive from consultees and the public when they make their decision on the application.

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