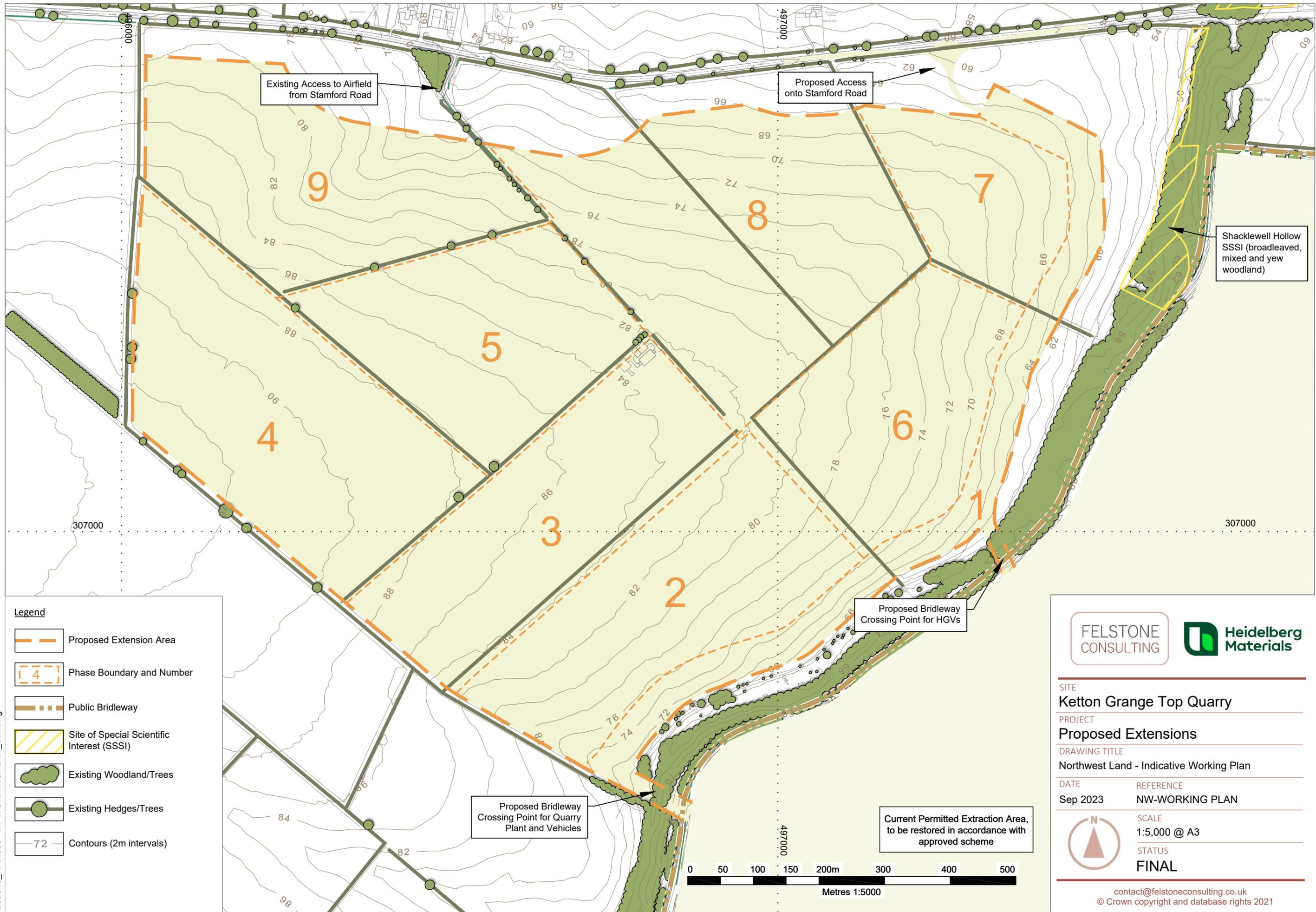


230915_HAN006-NW-WORKINGPLAN_SM.dwg



Legend

- Proposed Extension Area
- Phase Boundary and Number
- Public Bridleway
- Site of Special Scientific Interest (SSSI)
- Existing Woodland/Trees
- Existing Hedges/Trees
- Contours (2m intervals)



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SITE	
Ketton Grange Top Quarry	
PROJECT	
Proposed Extensions	
DRAWING TITLE	
Northwest Land - Indicative Working Plan	
DATE	REFERENCE
Sep 2023	NW-WORKING PLAN
SCALE	STATUS
1:5,000 @ A3	FINAL



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230915_HAN006-NW-YR1_SM.dwg



Legend

- Proposed Extension Area
- Mineral Extraction Area
- Public Bridleway
- Proposed Permissive Bridleway
- Site of Special Scientific Interest (SSSI)
- Existing Woodland/Trees
- Existing Hedges/Trees
- Proposed Woodland, Tree and Shrub Planting
- Contours (2m intervals)
- Security Gatehouse and Access Road
- Temporary Bridleway Diversion Route
- Proposed Hedges/Trees
- Proposed Landscape Buffer - Grassland / Natural Regeneration / Mixed Scrub Habitats

FELSTONE CONSULTING **Heidelberg Materials**

SITE
Ketton Grange Top Quarry

PROJECT
Proposed Extensions

DRAWING TITLE
Northwest Land - Year 1

DATE Sep 2023 **REFERENCE** NW-YR1

SCALE 1:5,000 @ A3

STATUS FINAL



230915_HAN006-NM-YR5_SM.dwg



- Legend**
- Proposed Extension Area
 - Mineral Extraction Area
 - Soil Storage Area - From Phase 2
 - Public Bridleway
 - Proposed Permissive Bridleway
 - Site of Special Scientific Interest (SSSI)
 - Existing Woodland/Trees
 - Existing Hedges/Trees
 - Proposed Woodland, Tree and Shrub Planting
 - Security Gatehouse and Access Road
 - Direction of Soil / Overburden Movement
 - Area of Progressive Restoration
 - Contours (2m intervals)
 - Proposed Hedges/Trees
 - Proposed Landscape Buffer - Grassland / Natural Regeneration / Mixed Scrub Habitats



SITE	
Ketton Grange Top Quarry	
PROJECT	
Proposed Extensions	
DRAWING TITLE	
Northwest Land - Year 5	
DATE	REFERENCE
Sep 2023	NW-YR5
SCALE	STATUS
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Additional planting on soil bunds

New roundabout with landscaping, planting and security gatehouse, etc

Mineral extraction underway in Phase 4

Soils from stripping part of Phase 4 (c50,000m³) to be placed onto worked out quarry floor (after ripping of limestone substrate) and grass seeded as part of final restoration.

Standoffs to Shacklewell Hollow SSSI (broadleaved, mixed and yew woodland)

Proposed Bridleway Crossing Point for HGVs

Progressive restoration of faces and benches along western boundary, to include limestone scree piles and placed soil slopes to support vegetative growth

Landscape buffer along eastern boundary to include tree and shrub planting, grassland and natural regeneration of mixed scrub

- Legend**
- Proposed Extension Area
 - Mineral Extraction Area / Haul Routes
 - Soil Storage Area
 - Public Bridleway
 - Proposed Permissive Bridleway
 - Site of Special Scientific Interest (SSSI)
 - Existing Woodland/Trees
 - Existing Hedges/Trees
 - Proposed Woodland, Tree and Shrub Planting
 - Security Gatehouse and Access Road
 - Direction of Soil / Overburden Movement
 - Restored Land (Agriculture)
 - Area of Progressive Restoration
 - Contours (2m intervals)
 - Proposed Hedges/Trees
 - Proposed Landscape Buffer - Grassland / Natural Regeneration / Mixed Scrub Habitats



SITE
Ketton Grange Top Quarry

PROJECT
Proposed Extensions

DRAWING TITLE
Northwest Land - Year 10

DATE Sep 2023 **REFERENCE** NW-YR10

SCALE
1:5,000 @ A3

STATUS
FINAL

Current Permitted Extraction Area, to be restored in accordance with approved scheme



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Soils from stripping Phase 5 (c36,000m³) to be placed onto placed onto worked out quarry floor (after ripping of limestone substrate) and grass seeded as part of final restoration.

Additional planting on soil bunds and extended buffer

Mineral extraction underway in Phase 5

New roundabout with landscaping, planting and security gatehouse, etc

Standoffs to Shacklewell Hollow SSSI (broadleaved, mixed and yew woodland)

Progressive restoration of faces and benches along western boundary, to include limestone scree piles and placed soil slopes to support vegetative growth

Proposed Bridleway Crossing Point for HGVs

Landscape buffer along eastern boundary to include tree and shrub planting, grassland and natural regeneration of mixed scrub

Hedgerows to be planted on restored agricultural land

Proposed Bridleway Crossing Point for Quarry Plant and Vehicles

Current Permitted Extraction Area, to be restored in accordance with approved scheme

- Legend**
- Proposed Extension Area
 - Mineral Extraction Area / Haul Routes
 - Soil Storage Area
 - Public Bridleway
 - Proposed Permissive Bridleway
 - Site of Special Scientific Interest (SSSI)
 - Existing Woodland/Trees
 - Existing Hedges/Trees
 - Proposed Woodland, Tree and Shrub Planting
 - Security Gatehouse and Access Road
 - Direction of Soil / Overburden Movement
 - Restored Land (Agriculture)
 - Area of Progressive Restoration
 - Contours (2m intervals)
 - Proposed Hedges/Trees
 - Proposed Landscape Buffer - Grassland / Natural Regeneration / Mixed Scrub Habitats



SITE
Ketton Grange Top Quarry

PROJECT
Proposed Extensions

DRAWING TITLE
 Northwest Land - Year 15

DATE
 Sep 2023

REFERENCE
 NW-YR15

SCALE
 1:5,000 @ A3

STATUS
FINAL



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Landscape buffer to northern boundary

Mineral extraction underway in Phase 8

Soils from stripping Phase 6, 7 and 8 (c105,000m³) to be placed onto worked out quarry floor (after ripping of limestone substrate) and grass seeded as part of final restoration.

New roundabout with landscaping, planting and security gatehouse, etc

Standoffs to Shacklewell Hollow SSSI (broadleaved, mixed and yew woodland)

Landscape buffer to western and southern boundaries

Landscape buffer along eastern boundary to include tree and shrub planting, grassland and natural regeneration of mixed scrub

- Legend**
- Proposed Extension Area
 - Mineral Extraction Area / Haul Routes
 - Soil Storage Area
 - Public Bridleway
 - Proposed Permissive Bridleway
 - Site of Special Scientific Interest (SSSI)
 - Existing Woodland/Trees
 - Existing Hedges/Trees
 - Proposed Woodland, Tree and Shrub Planting
 - Security Gatehouse and Access Road
 - Direction of Soil / Overburden Movement
 - Restored Land (Agriculture)
 - Area of Progressive Restoration
 - Contours (2m intervals)
 - Proposed Hedges/Trees
 - Proposed Landscape Buffer - Grassland / Natural Regeneration / Mixed Scrub Habitats

Hedgerows to be planted on restored agricultural land

Proposed Bridleway Crossing Point for HGVs

Proposed Bridleway Crossing Point for Quarry Plant and Vehicles

Current Permitted Extraction Area, to be restored in accordance with approved scheme



SITE
Ketton Grange Top Quarry

PROJECT
Proposed Extensions

DRAWING TITLE
Northwest Land - Year 20

DATE Sep 2023 **REFERENCE** NW-YR20

SCALE
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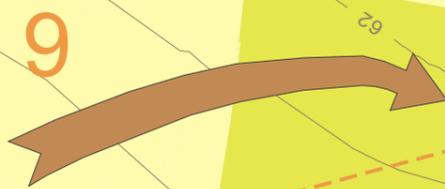
STATUS
FINAL

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Landscape buffer to northern boundary

Mineral extraction underway in Phase 9



Soils from stripping Phase 9 (c40,000m³) to be placed onto worked out quarry floor (after ripping of limestone substrate) and grass seeded as part of final restoration.

Hedgerows to be planted on restored agricultural land

New roundabout with landscaping, planting and security gatehouse, etc

Standoffs to Shacklewell Hollow SSSI (broadleaved, mixed and yew woodland)

Progressive restoration of faces and benches along western boundary, to include limestone scree piles and placed soil slopes to support vegetative growth

Landscape buffer along eastern boundary to include tree and shrub planting, grassland and natural regeneration of mixed scrub

- Legend**
- Proposed Extension Area
 - Mineral Extraction Area / Haul Routes
 - Soil Storage Area
 - Public Bridleway
 - Proposed Permissive Bridleway
 - Site of Special Scientific Interest (SSSI)
 - Existing Woodland/Trees
 - Existing Hedges/Trees
 - Proposed Woodland, Tree and Shrub Planting
 - Security Gatehouse and Access Road
 - Direction of Soil / Overburden Movement
 - Restored Land (Agriculture)
 - Area of Progressive Restoration
 - Contours (2m intervals)
 - Proposed Hedges/Trees
 - Proposed Landscape Buffer - Grassland / Natural Regeneration / Mixed Scrub Habitats

Landscape buffer to western and southern boundaries

Proposed Bridleway Crossing Point for Quarry Plant and Vehicles

Proposed Bridleway Crossing Point for HGVs

Current Permitted Extraction Area, to be restored in accordance with approved scheme



SITE	
Ketton Grange Top Quarry	
PROJECT	
Proposed Extensions	
DRAWING TITLE	
Northwest Land - Year 25	
DATE	REFERENCE
Sep 2023	NW-YR25
SCALE	STATUS
1:5,000 @ A3	FINAL

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Landscape buffer to northern boundary

Area of exposed limestone habitat on quarry floor of final phase, with rock piles, scree cracks and hollows

Road access and gatehouse, etc retained

Standoffs to Shacklewell Hollow SSSI (broadleaved, mixed and yew woodland)

Landscape buffer to western and southern boundaries

Proposed Bridleway Crossing Point Retained

Landscape buffer along eastern boundary to include tree and shrub planting, grassland and natural regeneration of mixed scrub

Exposed limestone cliffs, rock faces, outcrops, scree and bare ground natural regeneration habitat to be developed around 30m standoff to quarry excavation

Quarry floor restored to a patchwork of agricultural land, to include arable with field margins and pasture farmland, combined with hedgerows. Replaced soil profile to mimic existing.

Current Permitted Extraction Area, to be restored in accordance with approved scheme

Bridleway Crossing Point to be reinstated as woodland glade

Legend

- Proposed Extension Area
- Exposed Limestone Habitats
- Public Bridleway
- Site of Special Scientific Interest (SSSI)
- Existing Woodland/Trees
- Existing Hedges/Trees
- Proposed Woodland, Tree and Shrub Planting
- Section Lines - Refer to Drawing KE-NW-SECTION and Drawing KE-NW-SECTIONS-B
- Proposed Permissive Bridleway
- Security Gatehouse and Access Road
- Area of Agricultural Restoration
- Contours (2m intervals)
- Proposed Hedges/Trees, with field margins
- Proposed Landscape Buffer - Grassland / Natural Regeneration / Mixed Scrub Habitats

FELSTONE CONSULTING

Heidelberg Materials

SITE
Ketton Grange Top Quarry

PROJECT
Proposed Extensions

DRAWING TITLE
Northwest Land - Final Restoration

DATE
Sep 2023

REFERENCE
NW-REST



SCALE
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