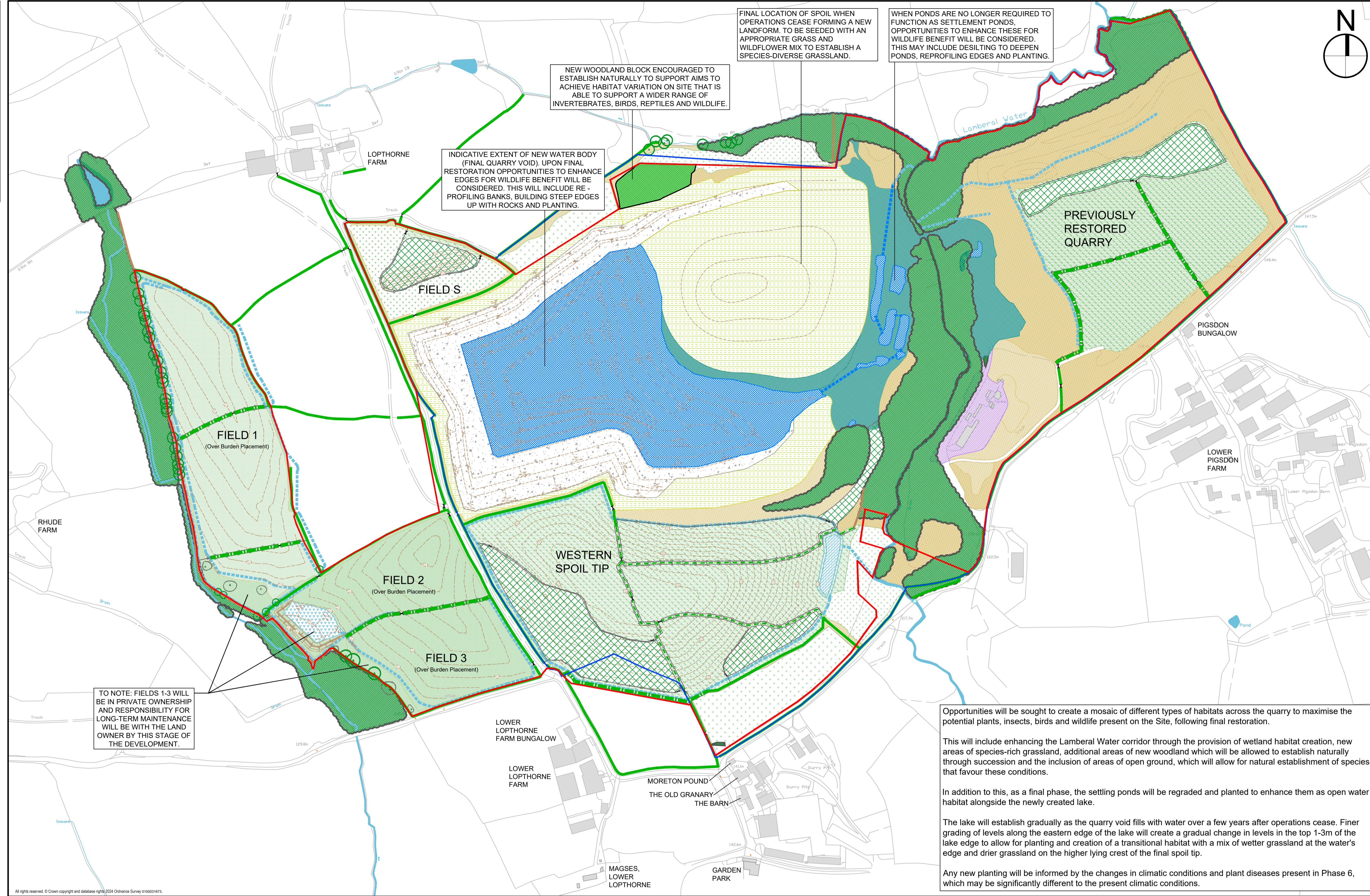


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FINAL LOCATION OF SPOIL WHEN OPERATIONS CEASE FORMING A NEW LANDFORM. TO BE SEEDED WITH AN APPROPRIATE GRASS AND WILDFLOWER MIX TO ESTABLISH A SPECIES-DIVERSE GRASSLAND.

WHEN PONDS ARE NO LONGER REQUIRED TO FUNCTION AS SETTLEMENT PONDS, OPPORTUNITIES TO ENHANCE THESE FOR WILDLIFE BENEFIT WILL BE CONSIDERED. THIS MAY INCLUDE DESILTING TO DEEPEN PONDS, REPROFILING EDGES AND PLANTING.

NEW WOODLAND BLOCK ENCOURAGED TO ESTABLISH NATURALLY TO SUPPORT AIMS TO ACHIEVE HABITAT VARIATION ON SITE THAT IS ABLE TO SUPPORT A WIDER RANGE OF INVERTEBRATES, BIRDS, REPTILES AND WILDLIFE.

INDICATIVE EXTENT OF NEW WATER BODY (FINAL QUARRY VOID). UPON FINAL RESTORATION OPPORTUNITIES TO ENHANCE EDGES FOR WILDLIFE BENEFIT WILL BE CONSIDERED. THIS WILL INCLUDE RE-PROFILING BANKS, BUILDING STEEP EDGES UP WITH ROCKS AND PLANTING.

PREVIOUSLY RESTORED QUARRY

TO NOTE: FIELDS 1-3 WILL BE IN PRIVATE OWNERSHIP AND RESPONSIBILITY FOR LONG-TERM MAINTENANCE WILL BE WITH THE LAND OWNER BY THIS STAGE OF THE DEVELOPMENT.

Opportunities will be sought to create a mosaic of different types of habitats across the quarry to maximise the potential plants, insects, birds and wildlife present on the Site, following final restoration.

This will include enhancing the Lamberal Water corridor through the provision of wetland habitat creation, new areas of species-rich grassland, additional areas of new woodland which will be allowed to establish naturally through succession and the inclusion of areas of open ground, which will allow for natural establishment of species that favour these conditions.

In addition to this, as a final phase, the settling ponds will be regraded and planted to enhance them as open water habitat alongside the newly created lake.

The lake will establish gradually as the quarry void fills with water over a few years after operations cease. Finer grading of levels along the eastern edge of the lake will create a gradual change in levels in the top 1-3m of the lake edge to allow for planting and creation of a transitional habitat with a mix of wetter grassland at the water's edge and drier grassland on the higher lying crest of the final spoil tip.

Any new planting will be informed by the changes in climatic conditions and plant diseases present in Phase 6, which may be significantly different to the present climatic conditions.

**SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION**

In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following:

**CONSTRUCTION**

N/A

**MAINTENANCE/CLEANING**

N/A

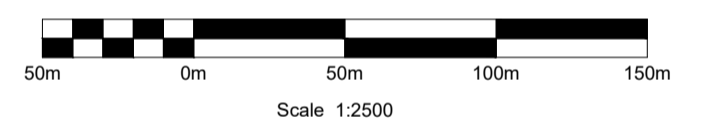
**DECOMMISSIONING/DEMOLITION**

N/A

It is assumed that all works will be carried out by a competent contractor working, where appropriate, to an approved method statement

**NOTES:**

- DO NOT SCALE FROM THIS DRAWING FOR CONSTRUCTION PURPOSES.
- ALL MEASUREMENTS ARE IN METRES UNLESS STATED OTHERWISE.
- BASE PLAN IS OS MASTERMAP WITH MINOR MODIFICATIONS BY ATKINSREALIS.
- THIS DRAWING IS FOR PLANNING PURPOSES ONLY.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH OTHER LANDSCAPE AND CIVIL DRAWINGS AND DOCUMENTS.
  - REFER TO LANDSCAPE AND ECOLOGICAL MANAGEMENT PLAN (PIGSDON-ATK-Q1-00-RP-PL-0013) FOR ADDITIONAL INFORMATION REGARDING INITIAL ESTABLISHMENT AND LONG-TERM MAINTENANCE OF PLANTING.
  - REFER TO INDICATIVE LANDSCAPE SECTIONS (PIGSDON-ATK-Q1-XX-DR-L-010) SHOWING THE PROPOSED LANDFORM CHANGES.



| Rev. | Date     | Description                            | By | Chkd | App'd |
|------|----------|--|----|------|-------|
| P04  | 20/03/24 | FOR PLANNING                           | ER | JM   | MB    |
| P03  | 30/01/24 | FOR INFORMATION                        | ER | JM   | WR    |
| P02  | 17/10/23 | FOR INFORMATION (PUBLIC CONSULTATION)  | ER | MM   | MB    |
| P01  | 18/09/23 | FOR COMMENT ONLY (PUBLIC CONSULTATION) | ER | MM   | MB    |

Drawing Status: **FOR PLANNING** Substability: **S5**

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**Glendinning**  
QUARRY & CONCRETE PRODUCTS

Client: **PIGSDON QUARRY PROPOSED QUARRY EXTENSION**

Drawing Title: **INDICATIVE LANDSCAPE & ECOLOGICAL MITIGATION FOR FINAL RESTORATION (PHASE 6)**

| Scale                       | Designed   | Drawn      | Checked    | Authorised |
|-----------------------------|------------|------------|------------|------------|
| 1:2500                      | ER         | ER         | JM         | KR         |
| Original Size               | Date       | Date       | Date       | Date       |
| A1                          | 16/01/2024 | 16/01/2024 | 24/01/2024 | 20/03/2024 |
| Drawing Number              |            |            |            | Revision   |
| PIGSDON-ATK-Q1-XX-DR-L-0007 |            |            |            | P04        |

**KEY**

- PLANNING APPLICATION BOUNDARY
- LAND OWNERSHIP BOUNDARY
- IF THE EXISTING ASPHALT PLANT IS CONSIDERED TO BE A VITAL COUNTY RESOURCE THIS WILL BE RETAINED. IF REMOVED AS PART OF RESTORATION, THE AREA WOULD BE REINSTITATED AS SPECIES-RICH GRASSLAND.
- EXISTING RETAINED LANDSCAPE FEATURES
  - RETAINED WOODLAND AND TREE BELTS
  - RETAINED IN-FIELD AND HEDGEROW TREES
  - RETAINED HEDGEBANKS & HEDGEROWS
  - EARTH BANK FIELD BOUNDARIES
  - RETAINED FIELD MARGINS, SCRUB AND RUDERAL VEGETATION, MANAGED FOR INSECT, BIRD AND WILDLIFE BENEFIT.
  - RETAINED GRASSLAND (HAY MEADOWS/ PASTURE)

**MATURED MITIGATION PROVIDED DURING PHASE 1 (+/- 2025-2033)**

- LAMBERAL WATER AND TRIBUTARIES OF THE RIVER TAMAR
- POST AND WIRE FENCING & FIELD GATES
- PROPOSED CONTOURS AT 2m INTERVALS (+/-2025-2085)
- WOODLAND BLOCKS PROVIDED AS VISUAL SCREENING AND HABITAT ENHANCEMENT (OTHER WOODLAND, BROADLEAVED)
- MATURE SPECIES-RICH NATIVE HEDGEBANKS WHICH INCLUDED TRANSLOCATED HEDGEBANKS AND NEWLY CREATED HEDGEBANKS
- MATURE SPECIES-RICH NATIVE HEDGEROWS PLANTED TO IMPROVE LANDSCAPE CHARACTER AND ENHANCE HABITAT CONNECTIVITY
- STOCK-PROOF FENCING WHICH AIDED ESTABLISHMENT OF PLANTED WOODLAND AND HEDGES
- REINSTITATED PASTURE FOLLOWING PLACEMENT OF OVERBURDEN FROM FIELD A-B (MODIFIED GRASSLAND)
- SPECIES RICH GRASSLAND MANAGED AS TRADITIONAL HAY MEADOWS TO SUPPORT LONG-TERM BIODIVERSITY AIMS (G3A LOWLAND MEADOW AND G3C NEUTRAL GRASSLAND)

**PROPOSED FINAL RESTORATION AFTER ALL OPERATIONS CEASE (+/-2085)**

- SEASONALLY WET GRASSLAND/ ATTENUATION POND (FIELD 2) (MODIFIED GRASSLAND)
- DITCHES AND SETTLEMENT POND (WESTERN SPOIL TIP) AND FIELD DRAINAGE DITCHES (FIELD 1-3)
- AREAS OF QUARRY ALLOWED TO REGENERATE AS 'OPEN GROUND' ON STEEPER SLOPES/ SCREE, WHICH WILL CONTRIBUTE TOWARDS VARIED PIONEER HABITAT PROVISION WITHIN THE QUARRY
- NEW AREAS OF SPECIES RICH GRASSLAND TO CONTRIBUTE TOWARDS A VARIED HABITAT PROVISION ON SITE (SPECIES TO BE CONFIRMED DURING PHASE 6 IN RESPONSE TO CHANGING CLIMATIC CONDITIONS)
- NEW WOODLAND MANAGED TO ALLOW FOR NATURAL SUCCESSION. MAY BE ASSISTED BY INITIAL LOW DENSITY WOODLAND/ UNDERSTOREY PLANTING (SPECIES TO BE CONFIRMED DURING PHASE 6 IN RESPONSE TO CHANGING CLIMATIC CONDITIONS)
- PERMANENT WATER BODIES
  - WATER WILL FILL THE VOID LEFT BY QUARRYING ACTIVITIES FORMING A NEW LAKE. THE LAKE EDGE IS TO BE SHAPED TO ENHANCE ITS HABITAT VALUE WITH BOULDERS/ ROCKS AND PLANTING IN SHALLOWER AREAS TO PROVIDE FURTHER HABITAT NICHES
  - SETTLING PONDS RESHAPED AND ENHANCED WITH PLANTING ALONG EDGES TO INCREASE THEIR BIODIVERSITY VALUE AND CONTRIBUTE POSITIVELY TO WETLAND HABITAT AS AREAS OF OPEN WATER
- WETLAND AREAS CREATED THROUGH FINER TOPOGRAPHY MANIPULATION TO CONTRIBUTE TOWARDS A MOSAIC HABITAT WITHIN THE RESTORED QUARRY (SPECIES TO BE CONFIRMED DURING PHASE 6 IN RESPONSE TO CHANGING CLIMATIC CONDITIONS)

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