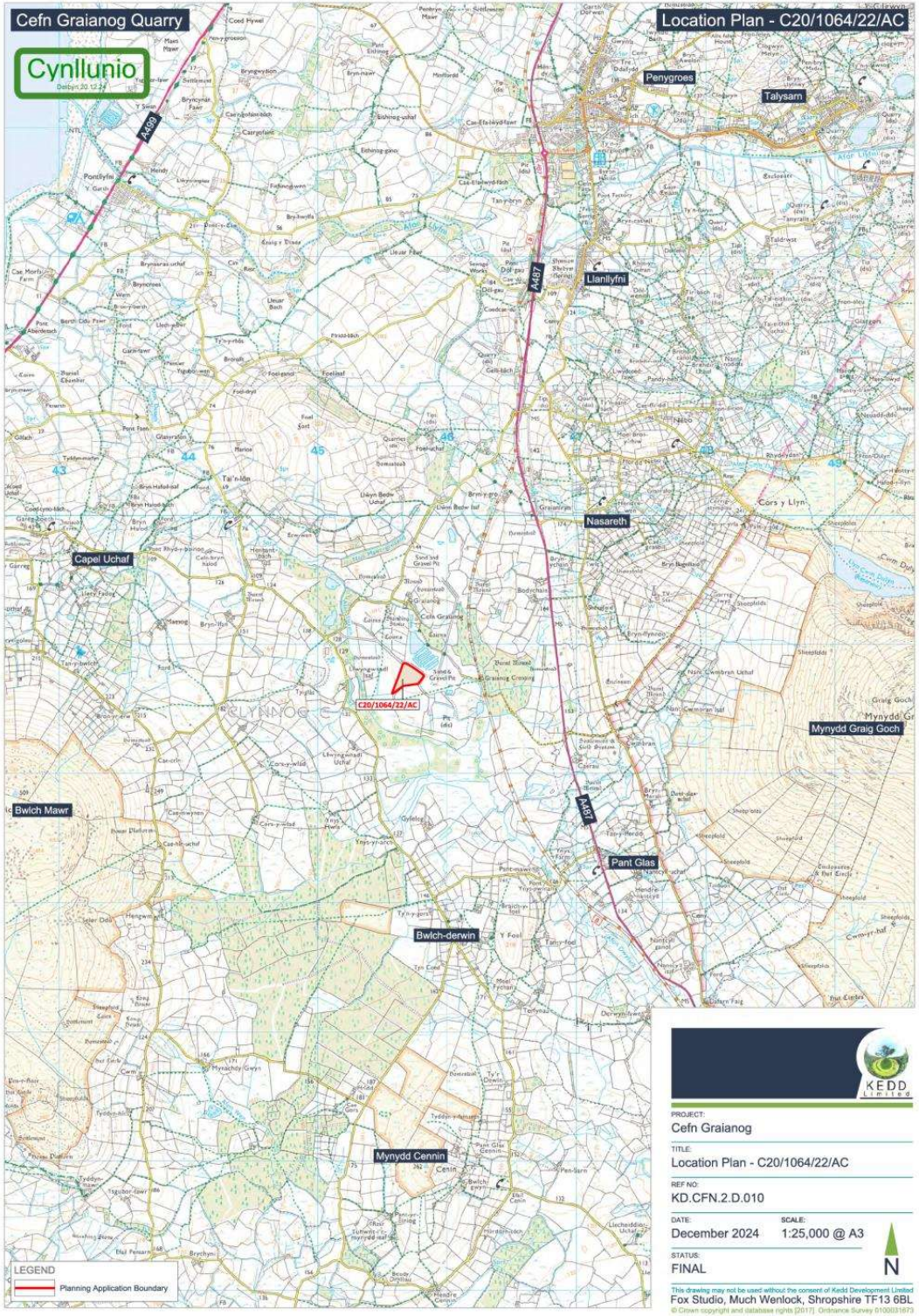


KEDD Limited

PROJECT:
Cefn Graianog

TITLE:
Location Plan - C20/1064/22/AC

REF NO:
KD.CFN.2.D.010

DATE:
December 2024

SCALE:
1:25,000 @ A3

STATUS:
FINAL

N

This drawing may not be used without the consent of Kedd Development Limited

Fox Studio, Much Wenlock, Shropshire TF13 6BL

© Crown copyright and database rights [2017]. Ordnance Survey 0100031673

Cefn Graianog Quarry
Current Situation
October 2024
Llwyn-bedw-uchaf
Llwyn-bedw-isaf
Bryn-y-Gro
Bryn-gors
Nasareth
A487
Homestead
Previously Restored Land
Bund 3 TOPSOIL 99m³
Bund 1 TOPSOIL 6,611m³
Bund 2 SUBSOIL 6,760m³
Bund 5 TOPSOIL 3,537m³
Bund 12 TOPSOIL 1,495m³
Bund 13 SUBSOIL 5,810m³
Bund 14 TOPSOIL 2,188m³
Bund 11 TOPSOIL 3,735m³
C20/1065/22/AC
C20/1063/22/AC
Eastern Extension Area
Lon Elfion (Cycle Track)
Bodychain Uchaf
Bodychain Isaf
Graianog Farm
Biogen Gwyriad
Cefn Graianog
Existing Silt Lagoons / Water Management
C20/1066/22/AC
C20/1064/22/AC
Plant Site
Graianog Crossing
Site Access
LEGEND
Planning Application Boundary
Individual Planning Units
Existing Woodland / Hedgerows
Existing Water Bodies / Courses
Existing Operational Area
Previously Restored Land
Soil Storage Bunds
Existing Contours (1m intervals) & Spot Heights m aOD
Area of Current Mineral Extraction: 0.13Ha
Other temporary disturbed land: 5.76 Ha (including soil bunds) associaed with the extraction area
Volume of Soils: 13,736m³ Toposil and 6,966m³ Subsoil
KEDD Limited
PROJECT:
Cefn Graianog
TITLE:
Current Situation
REF NO:
KD.CFN.2.D.002
DATE:
December 2024
SCALE:
1:5,000 @ A3
STATUS:
FINAL
N
This drawing may not be used without the consent of Kedd Development Limited
Fox Studio, Much Wenlock, Shropshire TF13 6BL
© Crown copyright and database rights [2017] Ordnance Survey 0100031673

Phase 3 - Working & Restoration

Operations:

- Remaining soils will be stripped from the Phase 3 Area and directly placed to restore land in Restoration Area D
- Mineral will be progressively extracted in an easterly and southerly direction. All mineral will be placed within the existing field hopper and transported to the plant site via conveyor for processing, temporary stocking and sale
- All land within the site will be subject to aftercare and management

Area of mineral extraction within this phase: 3.06 Ha
Other temporary disturbed land: 2.65 Ha
Area of land to be restored within this phase: 3.08 Ha

Materials Audit:

Mineral extraction within this phase: 158,000 ST
Note. partially extracted: ~130,000 ST remaining

Soil Stripping:

Area of Phase 3: 30,580m²
Topsoil at 0.30m x 24,240m²: 9,174m³
Subsoil at 0.20m x 24,240m². 6,116m³

Restoration Requirements:

Restoration Area D: 29,612m³

Topsoil at 0.3m x 29,612m²: 8,883m³

to be obtained from Phase 3 strip.

Subsoil at 0.20m x 29,612m²: 5,922m³

to be obtained from Phase 3 strip and

Bund 2: 646m³
Bund 13: 931m³

Surplus soils:

Phase 3 stripped Topsoil placed in Bund 5: 291m³
Phase 3 stripped Subsoil placed in Bund 2: 194m³

This drawing illustrates a position of the quarry once Phases 1 & 2 have been fully extracted and active mineral extraction is taking place within Phase 3

KEDD Limited

PROJECT:
Cefn Graianog

TITLE:
Phase 3 Working & Restoration

REF NO:
KD.CFN.2.D.004

DATE:
December 2024

SCALE:
1:5,000 @ A3

STATUS:
FINAL

N

This drawing may not be used without the consent of Kedd Development Limited
Fox Studio, Much Wenlock, Shropshire TF13 6BL
© Crown copyright and database rights [2017]. Ordnance Survey 0100031673

Phase 4 - Working & Restoration

Operations:

- On the cessation of mineral extraction all remaining disturbed land within Graianog Quarry will be restored
- Rgrading and cut and fill operations will take place to achieve restoration formation levels
- Stored Topsoils and Subsoils will be placed to create the final restoration profiles
- Dry stone walls will be reinstated / erected
- All land within the site will be subject to aftercare and management

Area of mineral extraction within this phase: 0.00 Ha
Other temporary disturbed land: 0.00 Ha
Area of land to be restored within this phase: 5.50 Ha

Restoration Requirements:

Restoration Area E: 30,580m²

Topsoil at 0.3m x 30,580m²: 9,174m³

to be obtained from:

Bund 1: 2,082m³
Bund 5: 3,557m³
Bund 11: 3,735m³

Subsoil at 0.20m x 29,612m²: 6,114m³

to be obtained from:

Bund 2: 6,114m³

Restoration Area F: 24,398m²

Topsoil at 0.3m x 24,398m²: 7,319m³

to be obtained from:

Bund 1: 4,529m³
Bund 3: 99m³
Bund 5: 180m³
Bund 12: 325m³
Bund 11: 2,186m³

Subsoil at 0.20m x 24,398m²: 4,879m³

to be obtained from:

Bund 13: 4,879m³

This drawing illustrates a position of the quarry once Phases 1,2 & 3 have been fully extracted and final restoration works are taking place

KEDD Limited

PROJECT:
Cefn Graianog

TITLE:
Phase 4 Working & Restoration

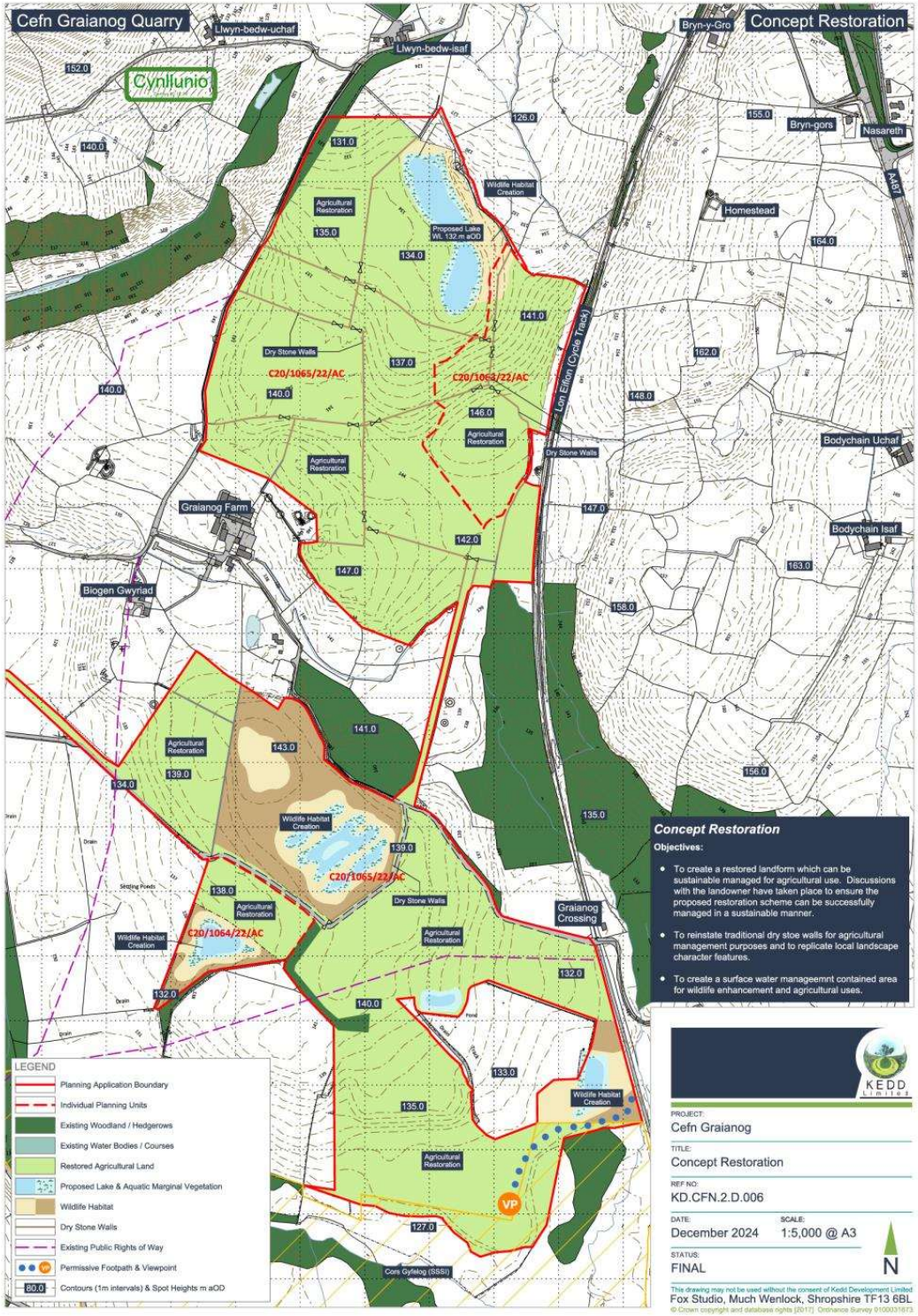
REF NO:
KD.CFN.2.D.005

DATE: December 2024
SCALE: 1:5,000 @ A3

STATUS:
FINAL

N

This drawing may not be used without the consent of Kedd Development Limited
Fox Studio, Much Wenlock, Shropshire TF13 6BL
© Crown copyright and database rights [2017]. Ordnance Survey 0100031673



Concept Restoration

Objectives:

- To create a restored landform which can be sustainable managed for agricultural use. Discussions with the landowner have taken place to ensure the proposed restoration scheme can be successfully managed in a sustainable manner.
- To reinstate traditional dry stoe walls for agricultural management purposes and to replicate local landscape character features.
- To create a surface water manageemnt contained area for wildlife enhancement and agricultural uses.

KEDD Limited

PROJECT:
Cefn Graianog

TITLE:
Concept Restoration

REF NO:
KD.CFN.2.D.006

DATE:
December 2024

SCALE:
1:5,000 @ A3

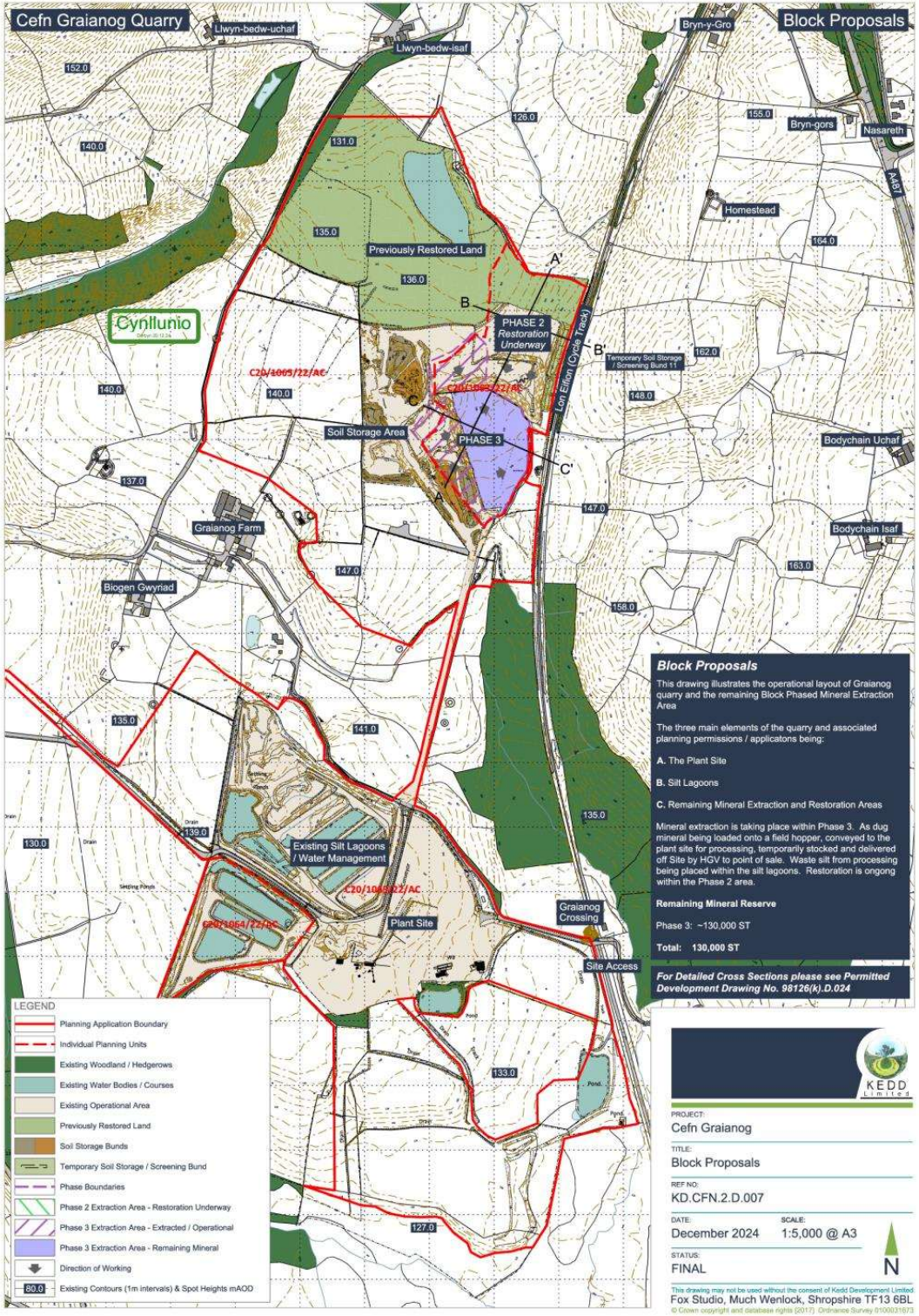
STATUS:
FINAL

N

This drawing may not be used without the consent of Kedd Development Limited

Fox Studio, Much Wenlock, Shropshire TF13 6BL

© Crown copyright and database rights [2017]. Ordnance Survey 0100031673



Block Proposals

This drawing illustrates the operational layout of Graianog quarry and the remaining Block Phased Mineral Extraction Area

The three main elements of the quarry and associated planning permissions / applicatons being:

A. The Plant Site

B. Silt Lagoons

C. Remaining Mineral Extraction and Restoration Areas

Mineral extraction is taking place within Phase 3. As dug mineral being loaded onto a field hopper, conveyed to the plant site for processing, temporarily stocked and delivered off Site by HGV to point of sale. Waste silt from processing being placed within the silt lagoons. Restoration is ongong within the Phase 2 area.

Remaining Mineral Reserve

Phase 3: ~130,000 ST

Total: 130,000 ST

For Detailed Cross Sections please see Permitted Development Drawing No. 98126(k).D.024

KEDD Limited

PROJECT:
Cefn Graianog

TITLE:
Block Proposals

REF NO:
KD.CFN.2.D.007

DATE: December 2024

SCALE: 1:5,000 @ A3

STATUS:
FINAL

N

This drawing may not be used without the consent of Kedd Development Limited

Fox Studio, Much Wenlock, Shropshire TF13 6BL

© Crown copyright and database rights [2017] Ordnance Survey 0100031673

TG
PRIVATE RO
CCTV IN