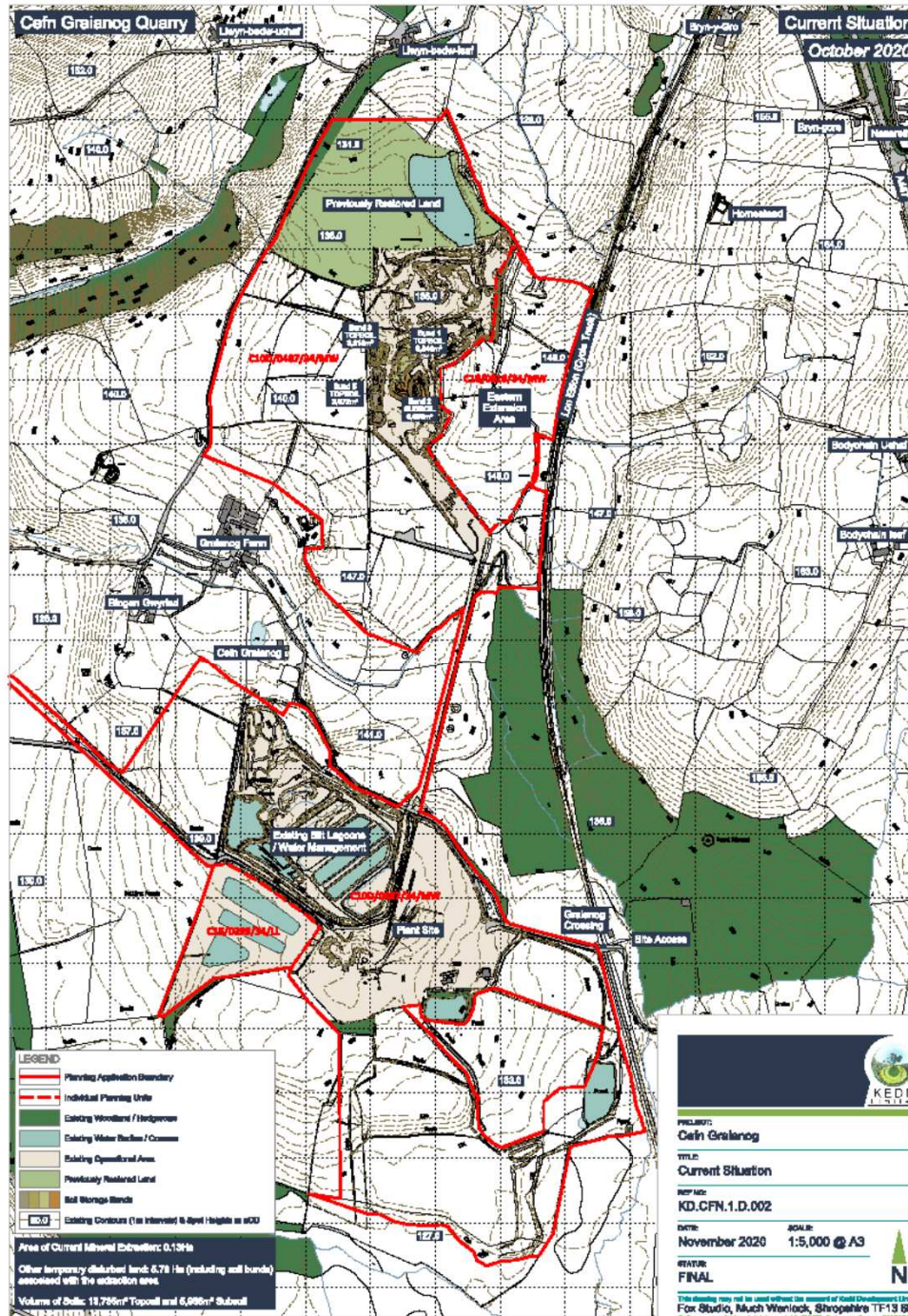
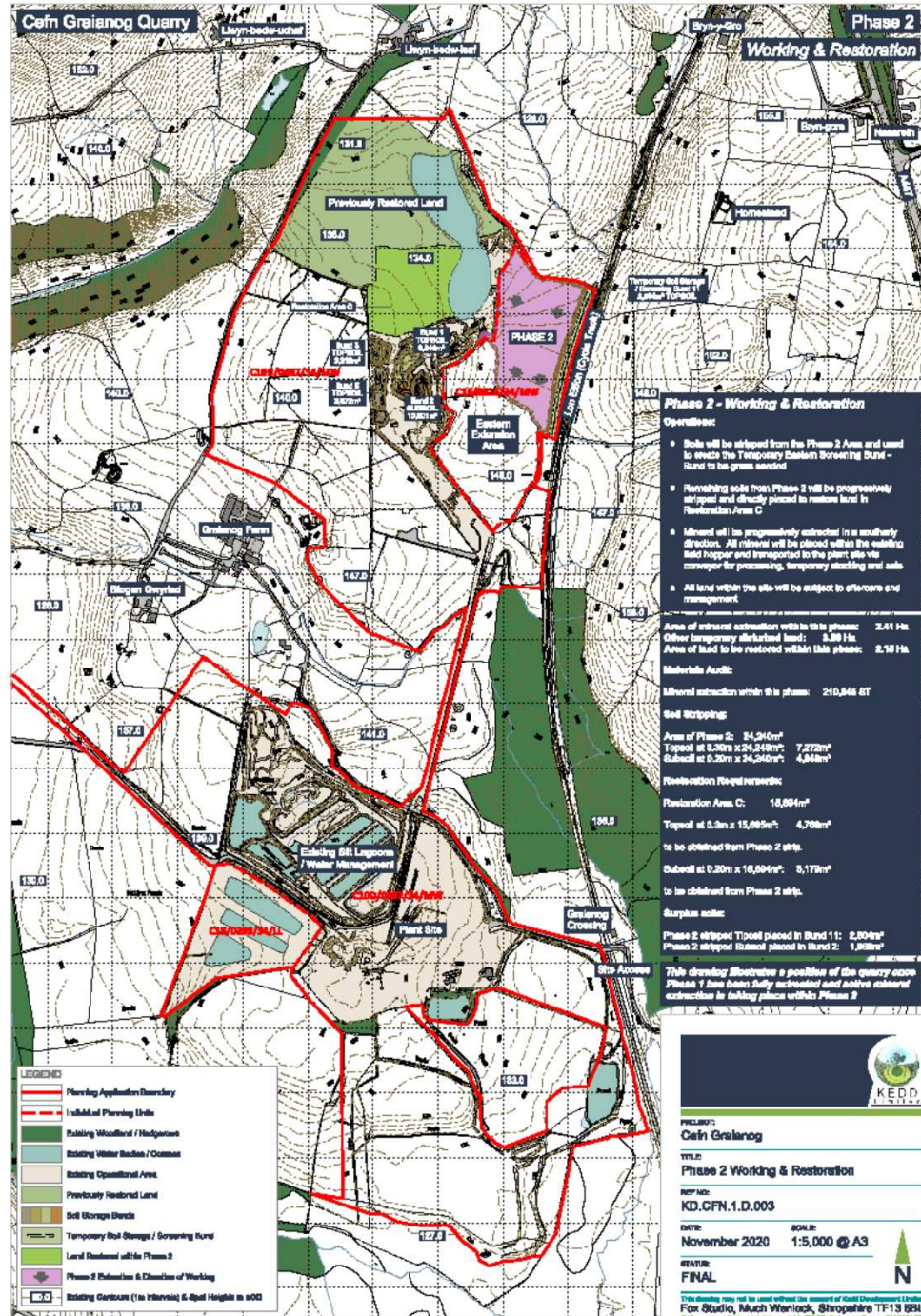


# **C20/1063/22/AC**

Cais o dan Adran 73 o'r Ddeddf Cynllunio Gwlad a Thref i amrywio amod 1 ar ganiatad cynllunio C16/0816/34/MW (estyniad dwyreiniol arfaethedig ar gyfer echdynnu tywod a graean a gwaith adfer graddol) i ganiatau estyniad pedair-mlynedd ar gyfer cwblhau'r gwaith mwynau gyda blwyddyn ychwanegol ar gyfer cwblhau adfer/Application under Section 73 of the Town and Country Planning Act to vary condition 1 on planning permission C16/0816/34/MW (proposed eastern extension for the extraction of sand and gravel and progressive restoration) to allow a four-year extension for the completion of minerals operations and a further year for the completion of restoration

**Cefn Graianog, Llanllyfni, Caernarfon, LL54 6SY**





**Phase 2 - Working & Restoration Operations:**

- Soils will be stripped from the Phase 2 Area and used to create the Temporary Eastern Screening Bund - hard to be grass seeded.
- Remaining soils from Phase 2 will be progressively stripped and directly placed to restore level in Restoration Area C.
- Material will be progressively extended in a southerly direction. All material will be placed within the existing field hoppers and transported to the plant site via conveyor for processing, temporary stacking and sale.
- All land within the site will be subject to operations and management.

Area of mineral extraction within this phase: 2.41 Ha.  
 Other temporary disturbed land: 5.39 Ha.  
 Area of land to be restored within this phase: 2.18 Ha.

**Material Audit:**  
 Mineral extraction within this phase: 210,846 GT


**Soil Stripping:**  
 Area of Phase 2: 24,240m<sup>2</sup>  
 Topsoil at 0.20m x 24,240m<sup>2</sup>: 7,272m<sup>3</sup>  
 Subsoil at 0.20m x 24,240m<sup>2</sup>: 4,848m<sup>3</sup>

**Restoration / Replant resources:**  
 Restoration Area C: 16,694m<sup>2</sup>  
 Topsoil at 0.20m x 16,694m<sup>2</sup>: 4,798m<sup>3</sup>  
 to be obtained from Phase 2 site.  
 Subsoil at 0.20m x 16,694m<sup>2</sup>: 5,173m<sup>3</sup>  
 to be obtained from Phase 2 site.

**Surplus soils:**  
 Phase 2 stripped Topsoil placed in Bund 1: 2,204m<sup>3</sup>  
 Phase 2 stripped Subsoil placed in Bund 2: 1,888m<sup>3</sup>

*This drawing illustrates a position of the quarry case Phase 1 has been fully extracted and active mineral extraction is taking place within Phase 2*

- LEGEND**
- Planning Application Boundary
  - Individual Planning Title
  - Existing Woodland / Hedgerow
  - Existing Water Features / Courses
  - Existing Operational Area
  - Previously Restored Land
  - Soil Storage Areas
  - Temporary Soil Storage / Screening Bund
  - Land Restored within Phase 2
  - Phase 2 Extraction & Extraction of Working
  - Existing Geobase (to Intervall) & Spot Heights to 0.00




**PROJECT:**  
Cefn Graianog

**TITLE:**  
Phase 2 Working & Restoration

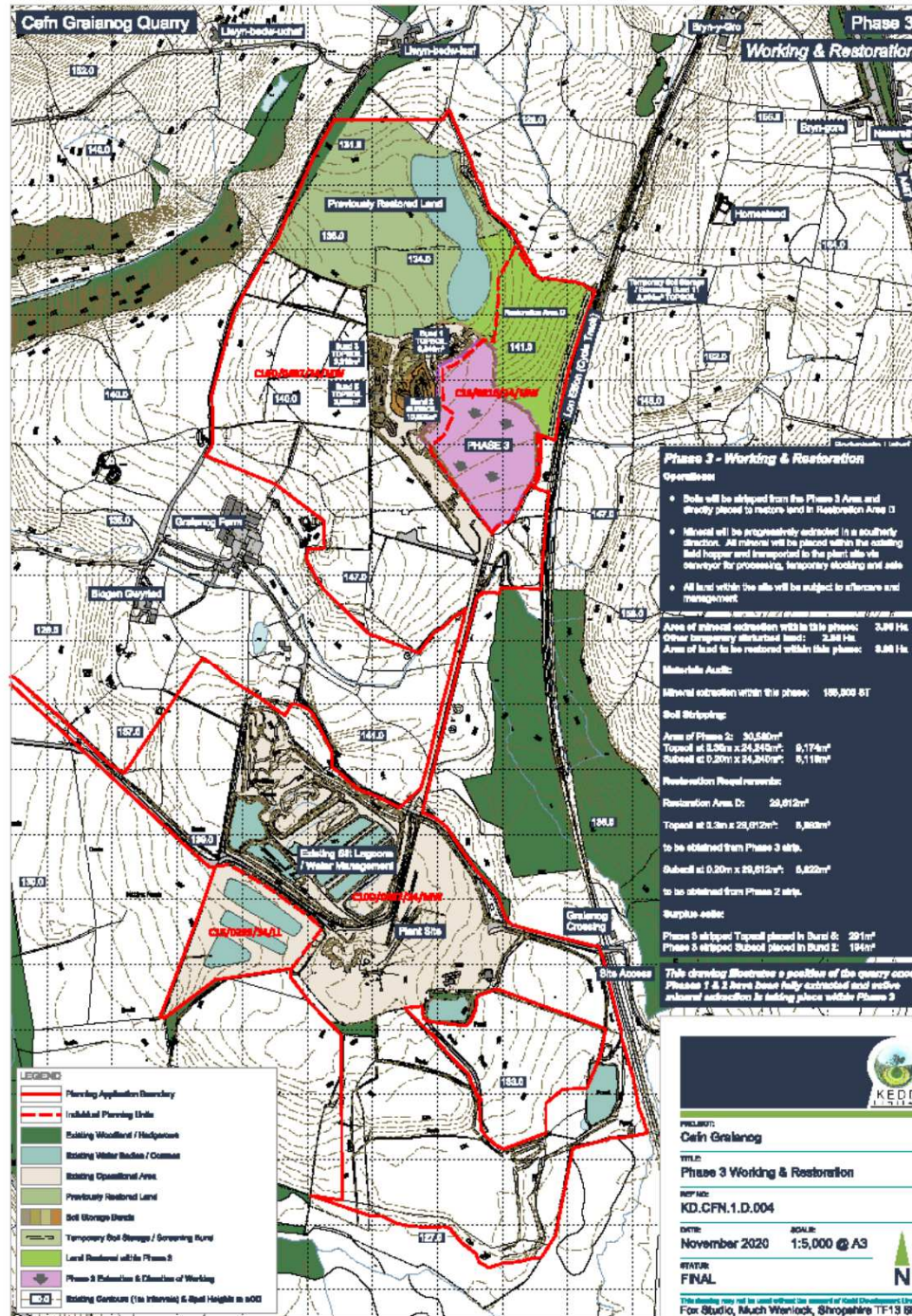
**REF NO:**  
KD.CFN.1.D.003

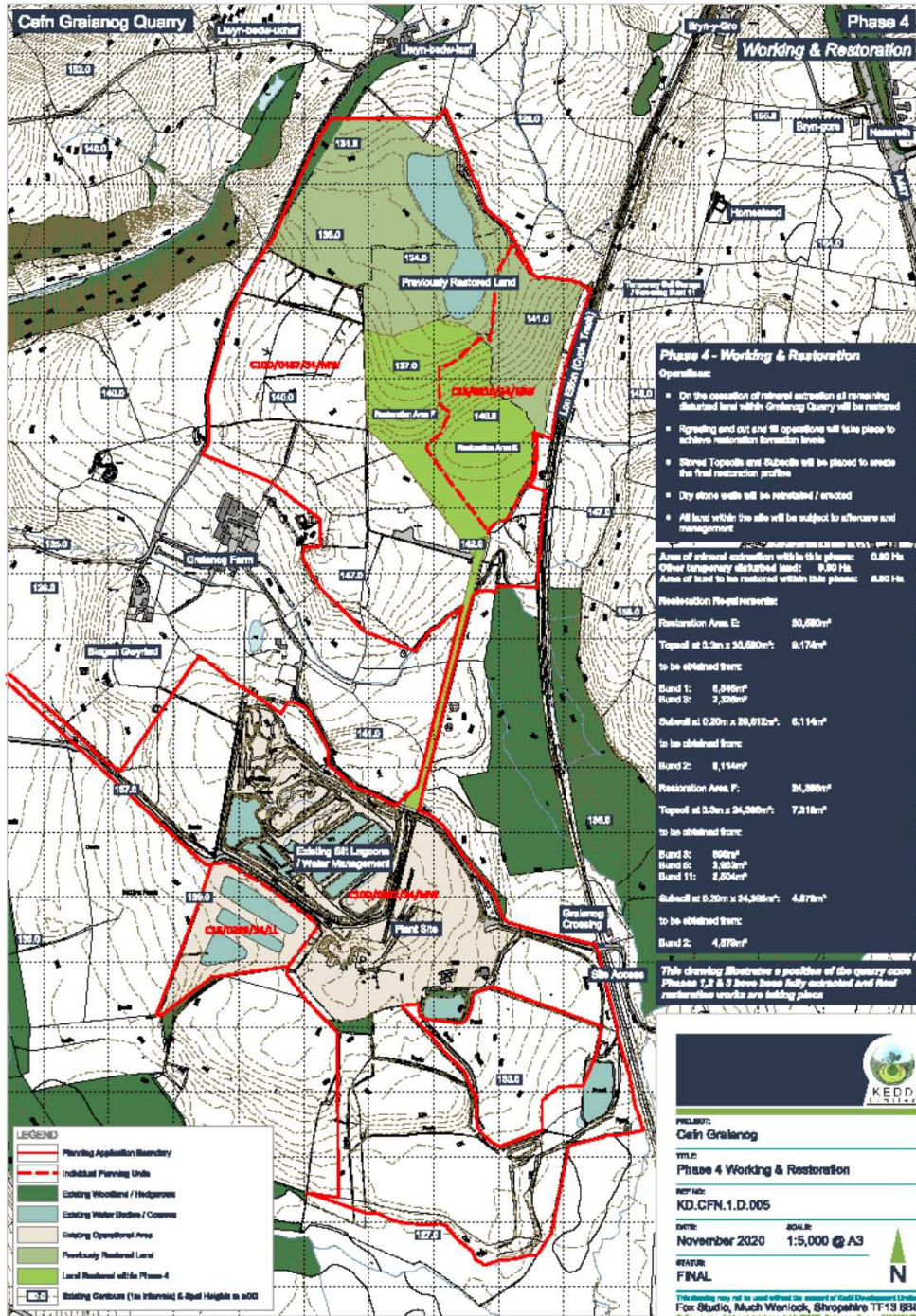
**DATE:** November 2020      **SCALE:** 1:5,000 @ A3

**STATUS:**  
FINAL



This drawing may not be used without the consent of Golder Development Limited  
 For Studio, Much Wenlock, Shropshire TF13 9BL  
 © Crown copyright and database rights (2017) Ordnance Survey 100019725





**Phase 4 - Working & Restoration**

**Operational:**

- On the cessation of mineral extraction all remaining situated land within Graianog Quarry will be restored
- Regrading 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

Areas of mineral extraction within this phase: 0.80 Ha  
 Other temporary disturbed land: 0.90 Ha  
 Areas of land to be restored within this phase: 4.80 Ha

**Restoration Revegetation:**

Restoration Area E:	50,690m <sup>2</sup>
Topsoil at 0.2m x 34,560m <sup>2</sup> :	9,174m <sup>3</sup>
to be obtained from:	
Band 1:	8,849m <sup>3</sup>
Band 2:	2,325m <sup>3</sup>
Subsoil at 0.20m x 30,612m <sup>2</sup> :	6,114m <sup>3</sup>
to be obtained from:	
Band 2:	8,114m <sup>3</sup>
Restoration Area F:	34,880m <sup>2</sup>
Topsoil at 0.2m x 24,268m <sup>2</sup> :	7,318m <sup>3</sup>
to be obtained from:	
Band 2:	899m <sup>3</sup>
Band 6:	3,682m <sup>3</sup>
Band 11:	2,937m <sup>3</sup>
Subsoil at 0.20m x 24,268m <sup>2</sup> :	4,878m <sup>3</sup>
to be obtained from:	
Band 2:	4,878m <sup>3</sup>

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

**LEGEND**

[Red dashed line]	Planning Application Boundary
[Red solid line]	Individual Planning Units
[Green hatched area]	Existing Woodland / Hedgerows
[Blue hatched area]	Existing Water Ditches / Courses
[Light green area]	Existing Operational Area
[Light blue area]	Previously Restored Land
[Dark green area]	Land Restored within Phase 4
[Black dashed line]	Existing Contours (1m intervals) & Spot Heights in 001



**PROJECT:**  
Cefn Graianog

**TITLE:**  
Phase 4 Working & Restoration

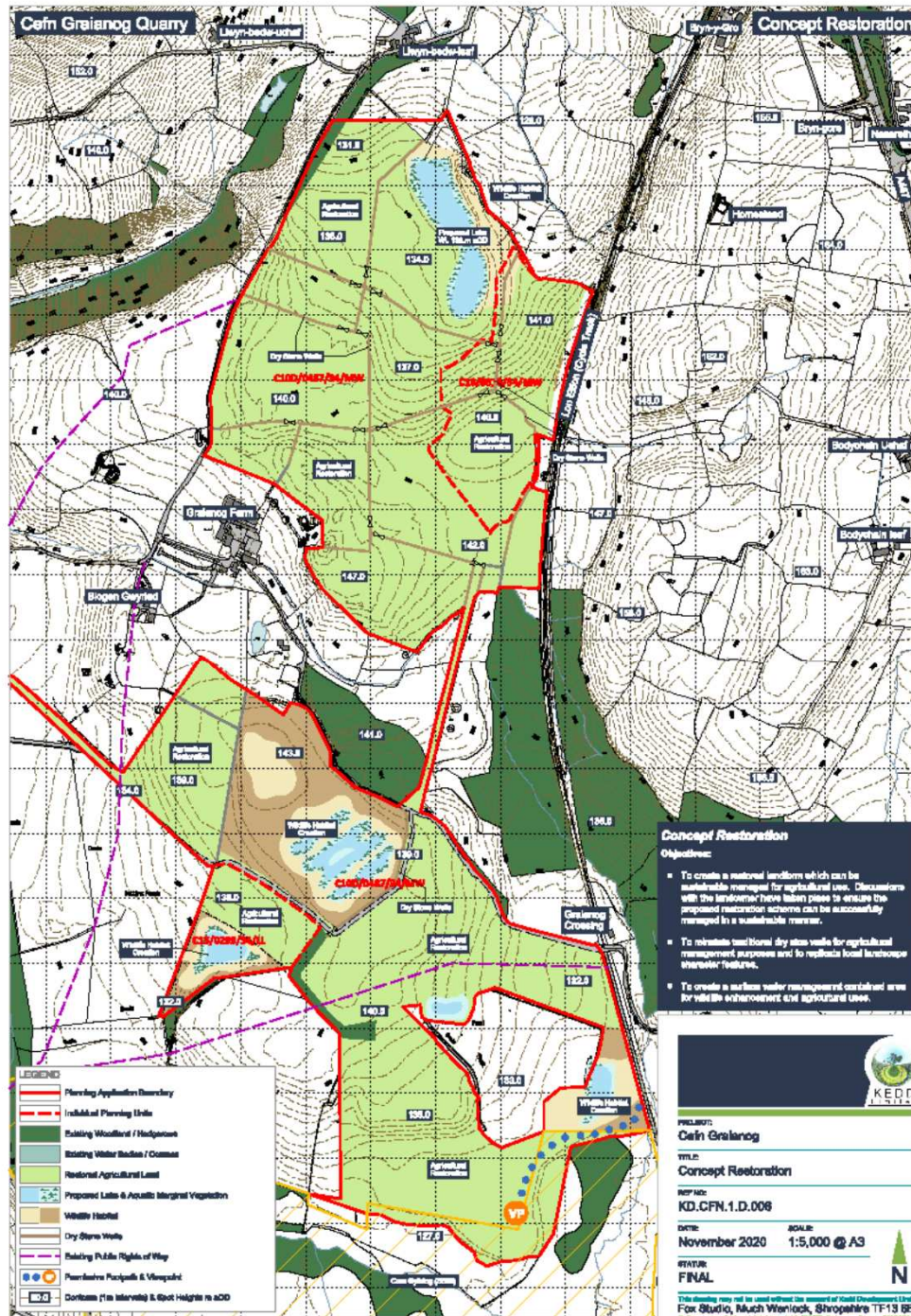
**REF NO:**  
KD.CFN.1.D.005

**DATE:** November 2020      **SCALE:** 1:5,000 @ A3

**STATUS:**  
FINAL



This drawing may not be used without the consent of Field Development Limited  
 For Studio, Much Wenlock, Shropshire TF13 9SL  
 © Crown copyright and database right (2021) Ordnance Survey 1000091979



**LEGEND**

	Planning Application Boundary
	Individual Planning Units
	Existing Woodland / Hedgerow
	Existing Water Bodies / Courses
	Restored Agricultural Land
	Proposed Lates & Aquatic Marginal Vegetation
	Waste Hoards
	Dry Stone Walls
	Existing Public Rights of Way
	Planting Points & Vinespots
	Contours (1m intervals) & Spot Heights in AOD

**Concept Restoration**

**Objectives:**

- To create a restored landscape which can be sustainably 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 minimise total/normal dry area soils for agricultural management purposes and to replicate local landscape character features.
- To create a surface water management controlled area for wildlife enhancement and agricultural uses.



PROJECT:  
**Cefn Graianog**

TYPE:  
**Concept Restoration**

REF NO:  
**KD.CFN.1.D.008**

DATE:  
**November 2020**

SCALE:  
**1:5,000 @ A3**

STATUS:  
**FINAL**



This drawing may not be used without the consent of South Devonshire Limited  
Fox Studio, Much Wenlock, Shropshire TF13 9BL  
© Crown Copyright and Database rights (2017). Ordnance Survey (OSN000020)











