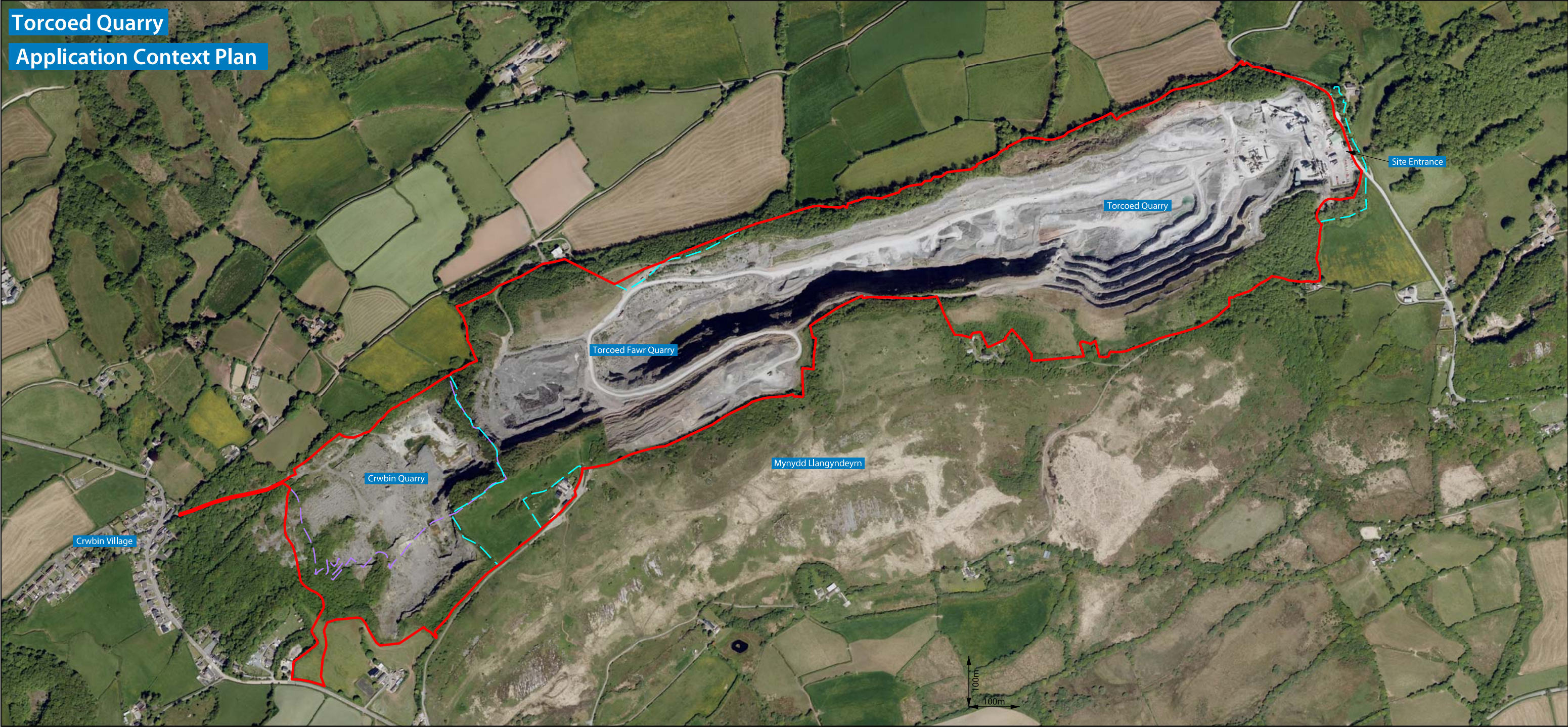
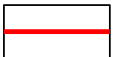
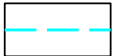


Torcoed Quarry

Application Context Plan



Legend

-  Planning Application Boundary
-  Torcoed / Torcoed Fawr Application Boundary (where different from new Planning Application Boundary)
-  Crwbin Application Boundary (where different from new Planning Application Boundary)



Site Name:
Torcoed Quarry

Drawing Name:
Application Context Plan

Drawn By:
L.A.S.

Scale @ A3:
1:7500 @ A3

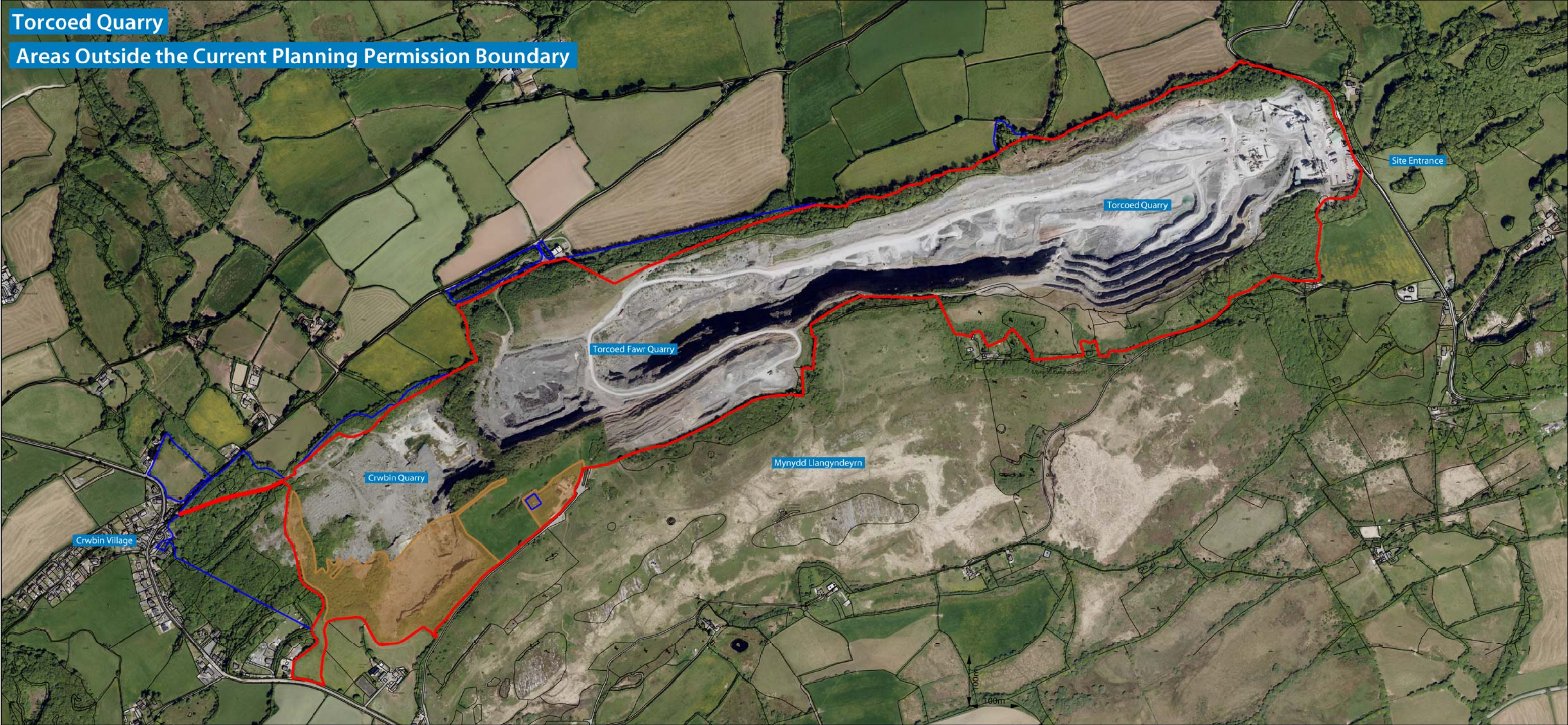
Date:
October 2015

Drawing Number:
98107(k).D.022

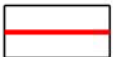
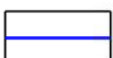


Torcoed Quarry

Areas Outside the Current Planning Permission Boundary



Legend

-  Planning Application Boundary
-  Land Under Control of the Applicant (For Reference Only) - where different to the application boundary
-  Areas Outside the Current Planning Permission Boundary



Site Name:
Torcoed Quarry

Drawing Name:
Areas Outside the Current Planning Permission Boundary

Drawn By:
L.A.S.

Scale @ A3:
1:7500 @ A3

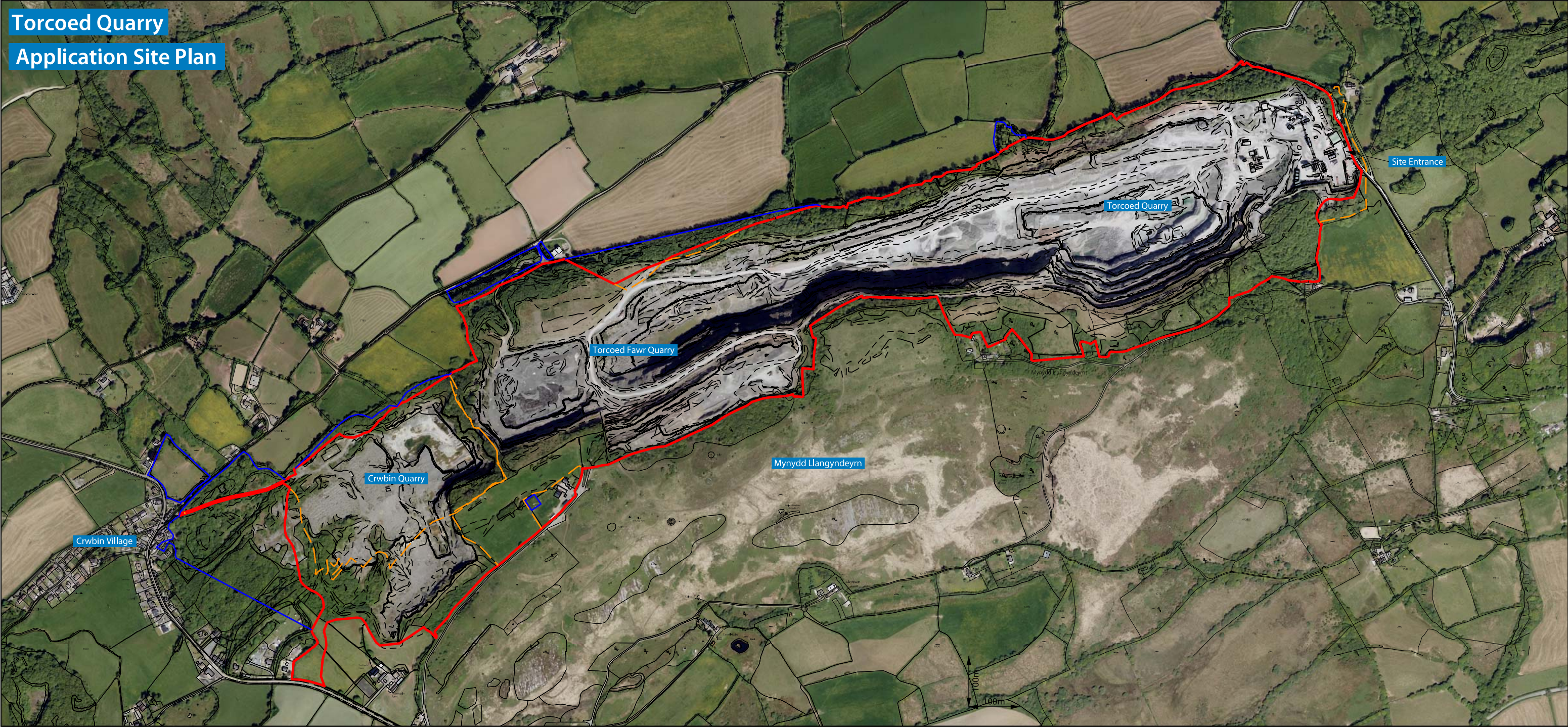
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November 2015

Drawing Number:
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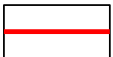
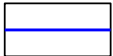


Torcoed Quarry

Application Site Plan



Legend

-  Planning Application Boundary
-  Land Under Control of the Applicant (For Reference Only)
- where different to the application boundary
-  Current Quarry Planning Permission Boundaries
- where different to the application boundary



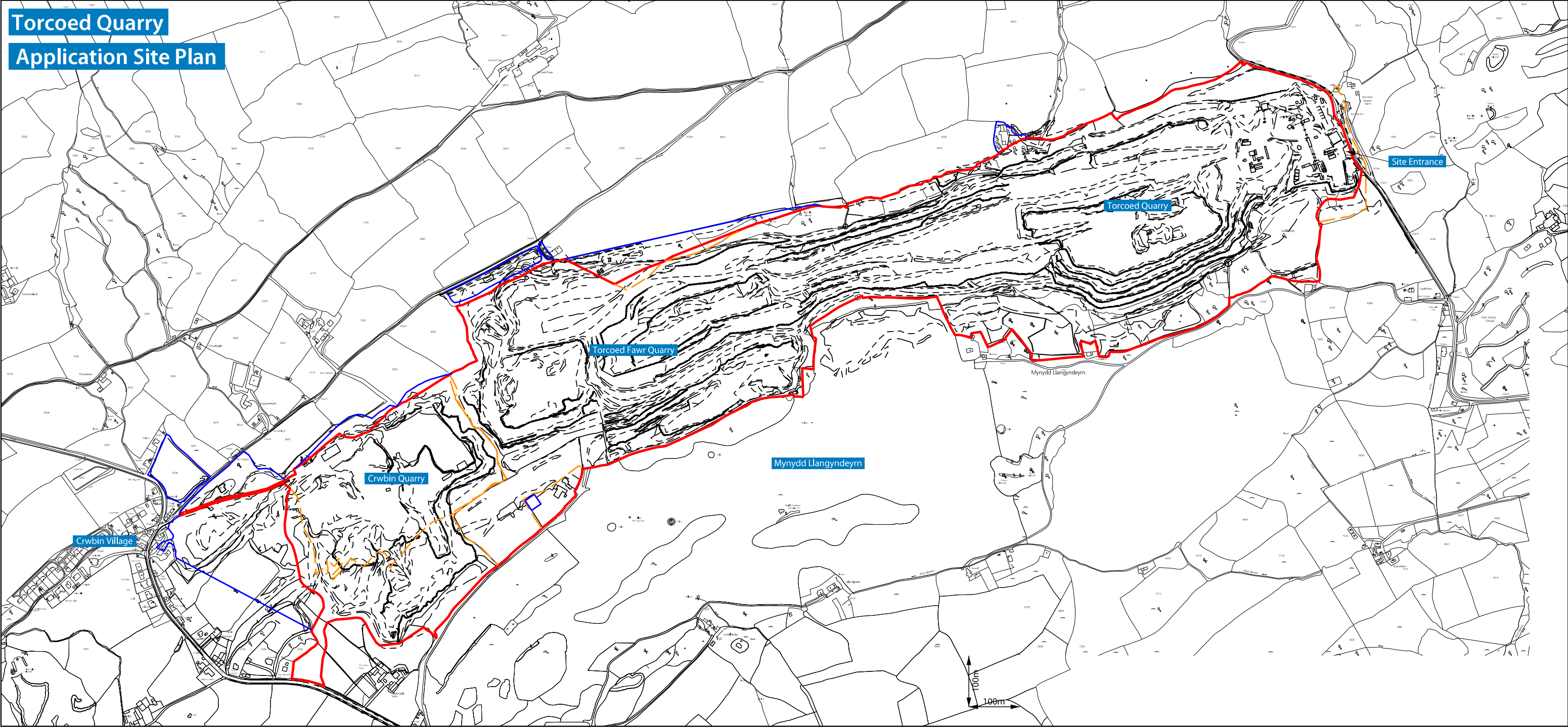
Site Name:
Torcoed Quarry

Drawing Name:
Application Site Plan (Aerial)

Drawn By: L.A.S.	Scale @ A3: 1:7500 @ A3	
Date: October 2015	Drawing Number: 98107(k).D.023	

Torcoed Quarry

Application Site Plan



Legend

- Planning Application Boundary
- Land Under Control of the Applicant (For Reference Only)
- where different to the application boundary
- Current Quarry Planning Permission Boundaries
- where different to the application boundary



Site Name:
Torcoed Quarry

Drawing Name:
Application Site Plan (OS)

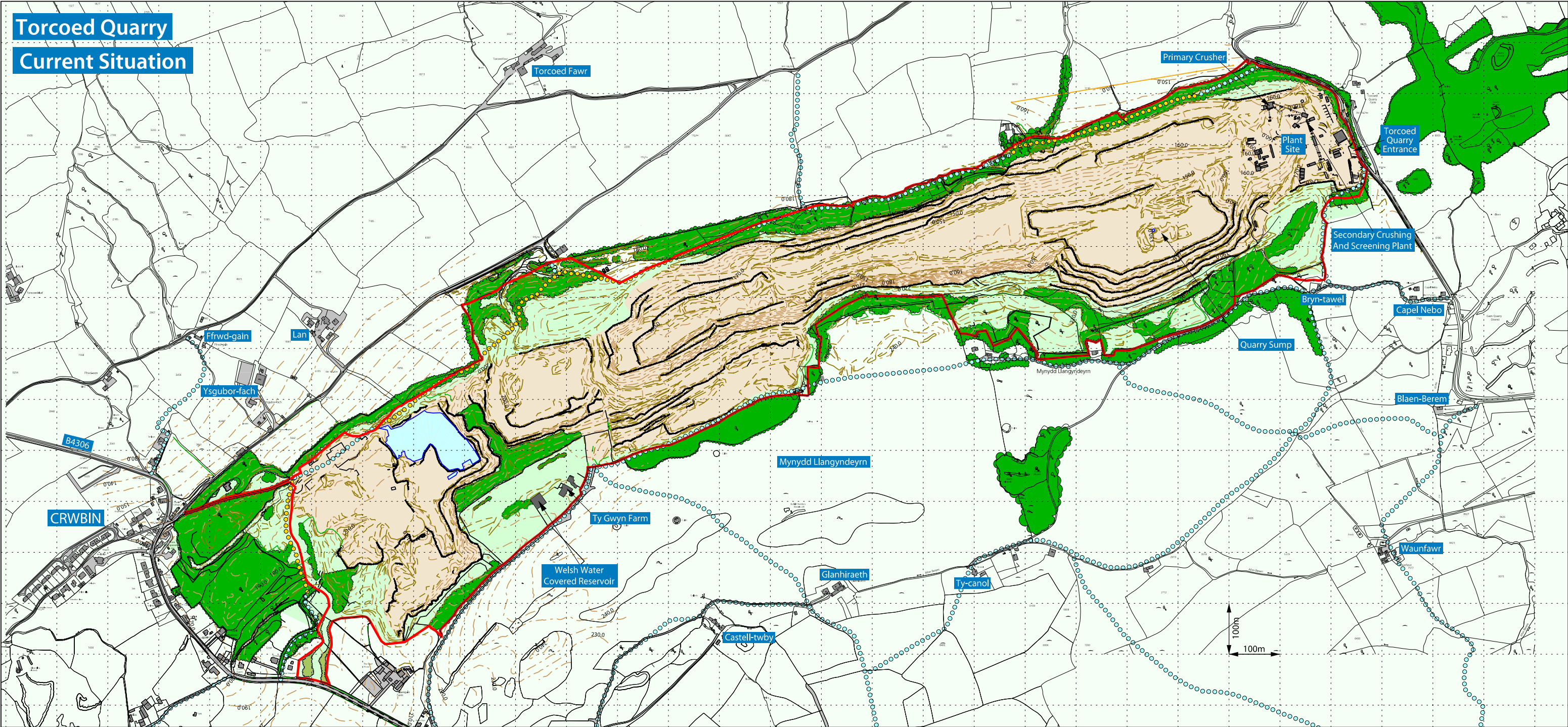
Drawn By:
L.A.S.

Scale @ A3:
1:7500 @ A3

Date:
October 2015

Drawing Number:
98107(k).D.023





Legend

- Planning Application Boundary
- Other Quarry Operational Land
- Existing Vegetation
- Public Rights Of Way
- Diverted Public Rights Of Way
- Existing Contours (maOD)
- Buildings / Structures / Roadways



TARMAC
A CRH COMPANY

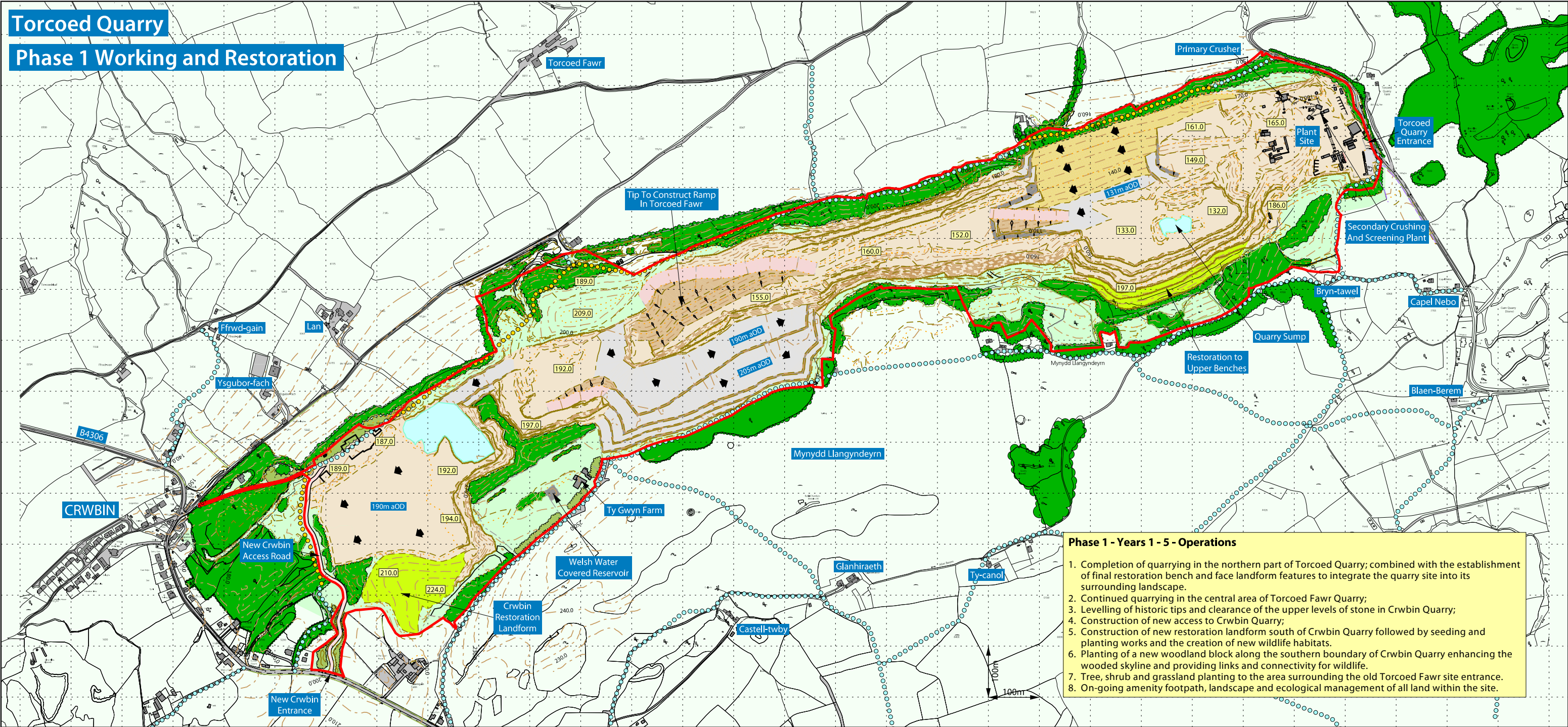
Site Name:
Torcoed Quarry

Drawing Name:
Current Situation

Drawn By: L.W.B.	Scale @ A3: 1:7,500
Date: September 2015	Drawing Number: 98107(k).D.017



Torcoed Quarry
Phase 1 Working and Restoration



Legend

	Planning Application Boundary		Public Rights Of Way		Surrounding Land
	Constructed Haul Road/Ramp		Diverted Public Rights Of Way		Undisturbed Land within the Planning Application Boundary
	Active Extraction Area During Phase (Floor)		~ Face Working Direction		Buildings / Structures / Roadways
	Construction of Landform to Create Ramp		Existing Contours (maOD)		Existing Vegetation
	Extraction To Base Of Lower Limestone, Exposing Basal Lower Limestone Shale		Existing Spot Heights (maOD)		Proposed Advance Planting
	Other Quarry Operational Land		Proposed Levels (maOD)		Restoration within this Phase



Site Name:
Torcoed Quarry

Drawing Name:
Phase 1 Working and Restoration

Drawn By:
L.W.B. / L.M.B.

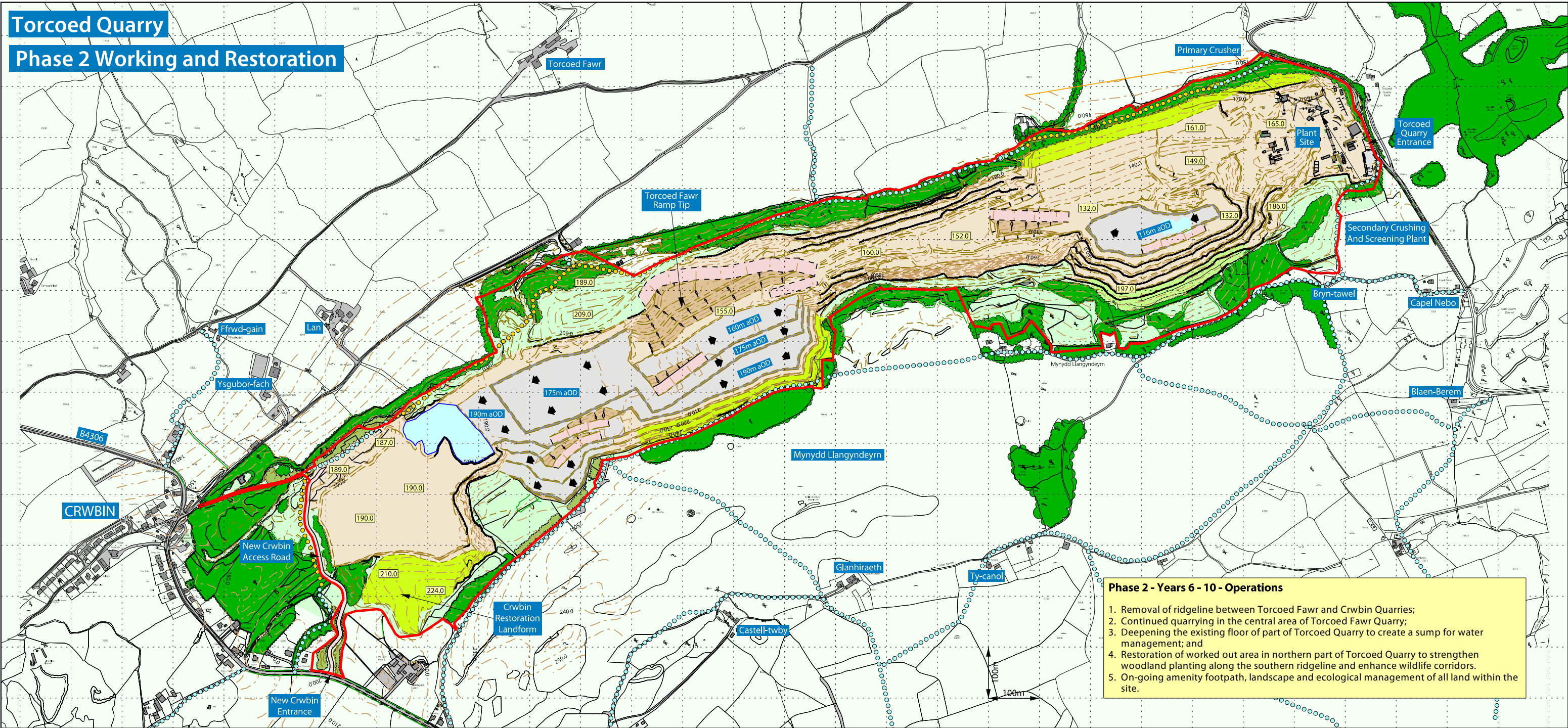
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Date:
August 2015

Drawing Number:
98107(k).D.007



Torcoed Quarry
Phase 2 Working and Restoration



Legend

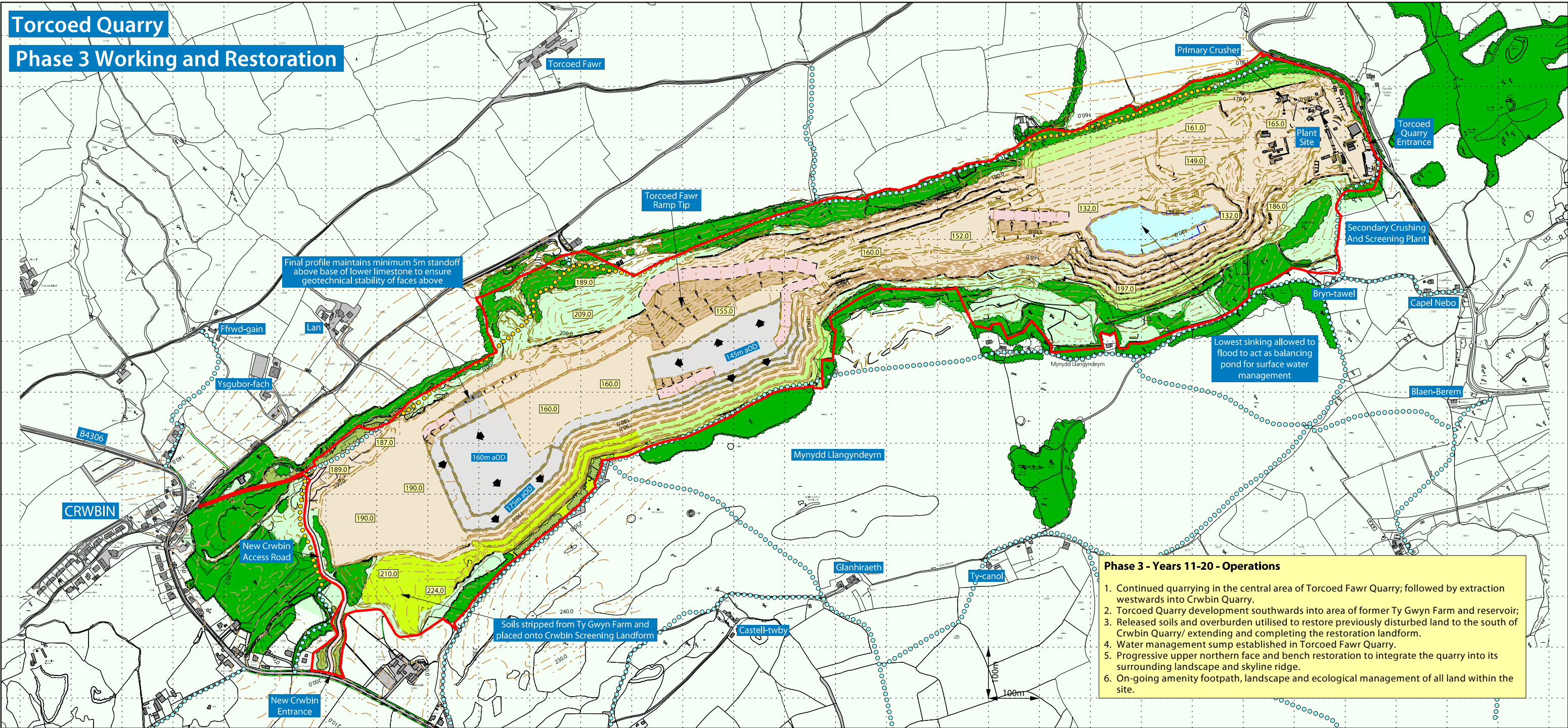
	Planning Application Boundary		Public Rights Of Way		Surrounding Land		Previously Restored Land
	Constructed Haul Road/Ramp		Diverted Public Rights Of Way		Undisturbed Land within the Planning Application Boundary		Existing Vegetation
	Active Extraction Area During Phase (Floor)		~ Face Working Direction		Proposed Advance Planting		Restoration within this Phase
	Construction of Landform to Create Ramp		Existing Contours (maOD)		Buildings / Structures / Roadways		
	Extraction To Base Of Lower Limestone, Exposing Basal Lower Limestone Shale		Existing Spot Heights (maOD)		Existing Vegetation		
	Other Quarry Operational Land		Proposed Levels (maOD)		Proposed Advance Planting		



Site Name: Torcoed Quarry	
Drawing Name: Phase 2 Working and Restoration	
Drawn By: L.W.B. / L.M.B.	Scale @ A3: 1:7500 @ A3
Date: August 2015	Drawing Number: 98107(k).D.008



Torcoed Quarry
Phase 3 Working and Restoration



Legend

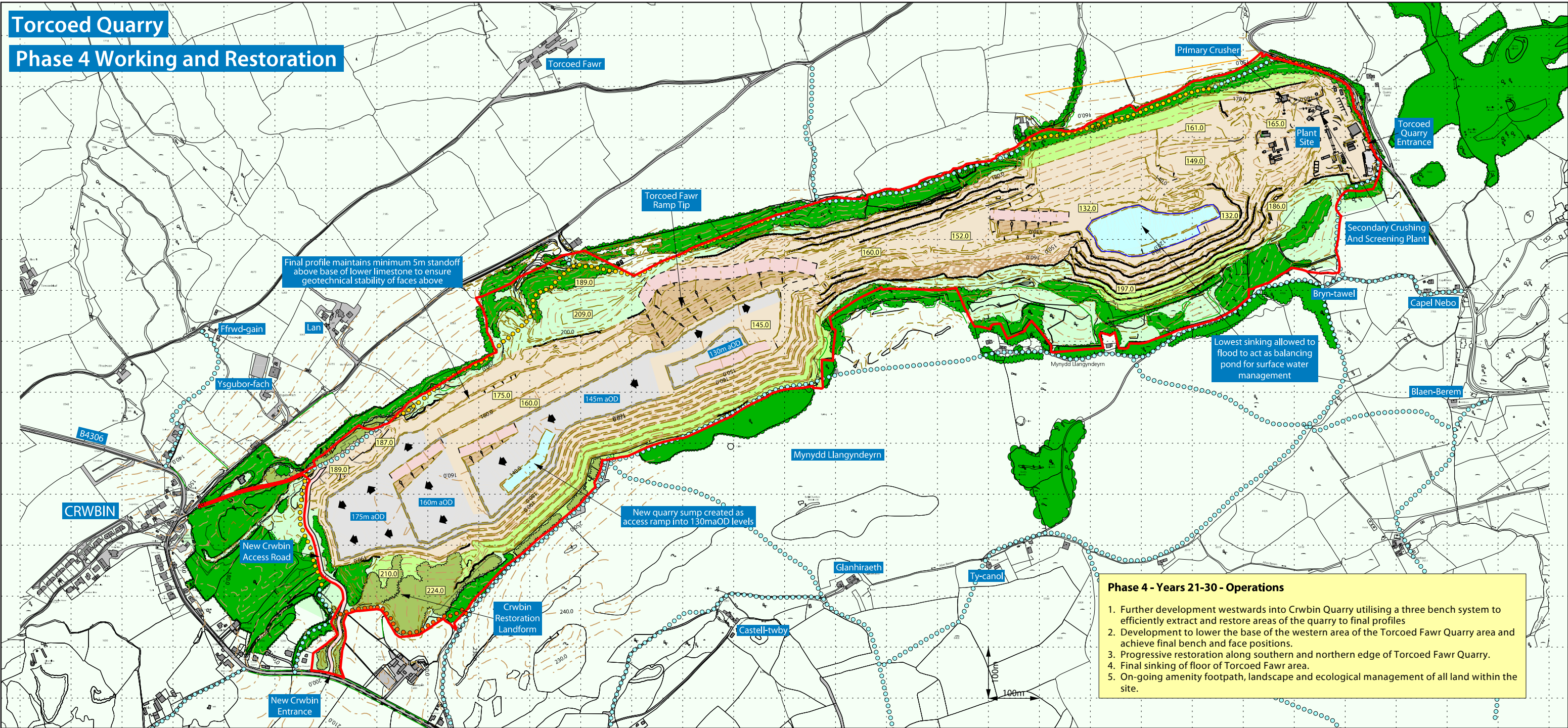
	Planning Application Boundary		Public Rights Of Way		Surrounding Land		Previously Restored Land
	Constructed Haul Road/Ramp		Diverted Public Rights Of Way		Undisturbed Land within the Planning Application Boundary		Buildings / Structures / Roadways
	Active Extraction Area During Phase (Floor)		~ Face Working Direction		Existing Vegetation		Proposed Advance Planting
	Construction of Landform to Create Ramp		Existing Contours (maOD)		Restoration within this Phase		
	Extraction To Base Of Lower Limestone, Exposing Basal Lower Limestone Shale		Existing Spot Heights (maOD)				
	Other Quarry Operational Land		Proposed Levels (maOD)				



Site Name: Torcoed Quarry	
Drawing Name: Phase 3 Working and Restoration	
Drawn By: L.W.B. / L.M.B.	Scale @ A3: 1:7500 @ A3
Date: August 2015	Drawing Number: 98107(k).D.009



Torcoed Quarry
Phase 4 Working and Restoration



Legend

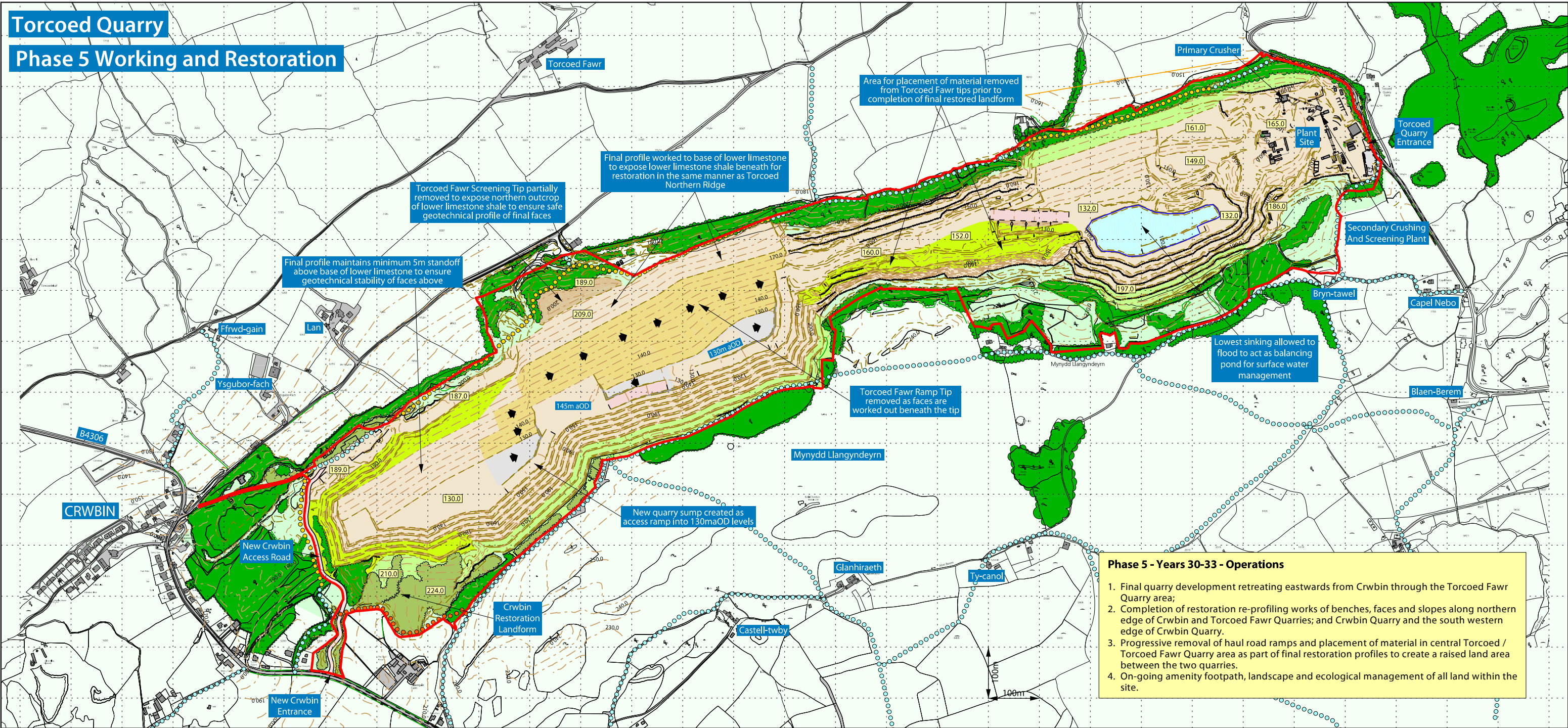
	Planning Application Boundary		Public Rights Of Way		Surrounding Land		Previously Restored Land
	Constructed Haul Road/Ramp		Diverted Public Rights Of Way		Undisturbed Land within the Planning Application Boundary		
	Active Extraction Area During Phase (Floor)		~ Face Working Direction		Buildings / Structures / Roadways		
	Construction of Landform to Create Ramp		Existing Contours (maOD)		Existing Vegetation		
	Extraction To Base Of Lower Limestone, Exposing Basal Lower Limestone Shale		Existing Spot Heights (maOD)		Proposed Advance / Progressive Restoration Planting		
	Other Quarry Operational Land		Proposed Levels (maOD)		Restoration within this Phase		



Site Name: Torcoed Quarry	
Drawing Name: Phase 4 Working and Restoration	
Drawn By: L.W.B. / L.M.B.	Scale @ A3: 1:7500 @ A3
Date: August 2015	Drawing Number: 98107(k).D.010



Torcoed Quarry
Phase 5 Working and Restoration



- Phase 5 - Years 30-33 - Operations**
1. Final quarry development retreating eastwards from Crwbin through the Torcoed Fawr Quarry area;
 2. Completion of restoration re-profiling works of benches, faces and slopes along northern edge of Crwbin and Torcoed Fawr Quarries; and Crwbin Quarry and the south western edge of Crwbin Quarry.
 3. Progressive removal of haul road ramps and placement of material in central Torcoed / Torcoed Fawr Quarry area as part of final restoration profiles to create a raised land area between the two quarries.
 4. On-going amenity footpath, landscape and ecological management of all land within the site.

Legend

	Planning Application Boundary		Public Rights Of Way		Surrounding Land		Previously Restored Land
	Constructed Haul Road/Ramp		Diverted Public Rights Of Way		Undisturbed Land within the Planning Application Boundary		
	Active Extraction Area During Phase (Floor)		~ Face Working Direction		Buildings / Structures / Roadways		
	Construction of Landform to Create Ramp		Existing Contours (maOD)		Existing Vegetation		
	Extraction To Base Of Lower Limestone, Exposing Basal Lower Limestone Shale		Existing Spot Heights (maOD)		Proposed Advance / Progressive Restoration Planting		
	Other Quarry Operational Land		Proposed Levels (maOD)		Restoration within this Phase		



Site Name:
Torcoed Quarry

Drawing Name:
Phase 5 Working and Restoration

Drawn By:
L.W.B. / L.M.B.

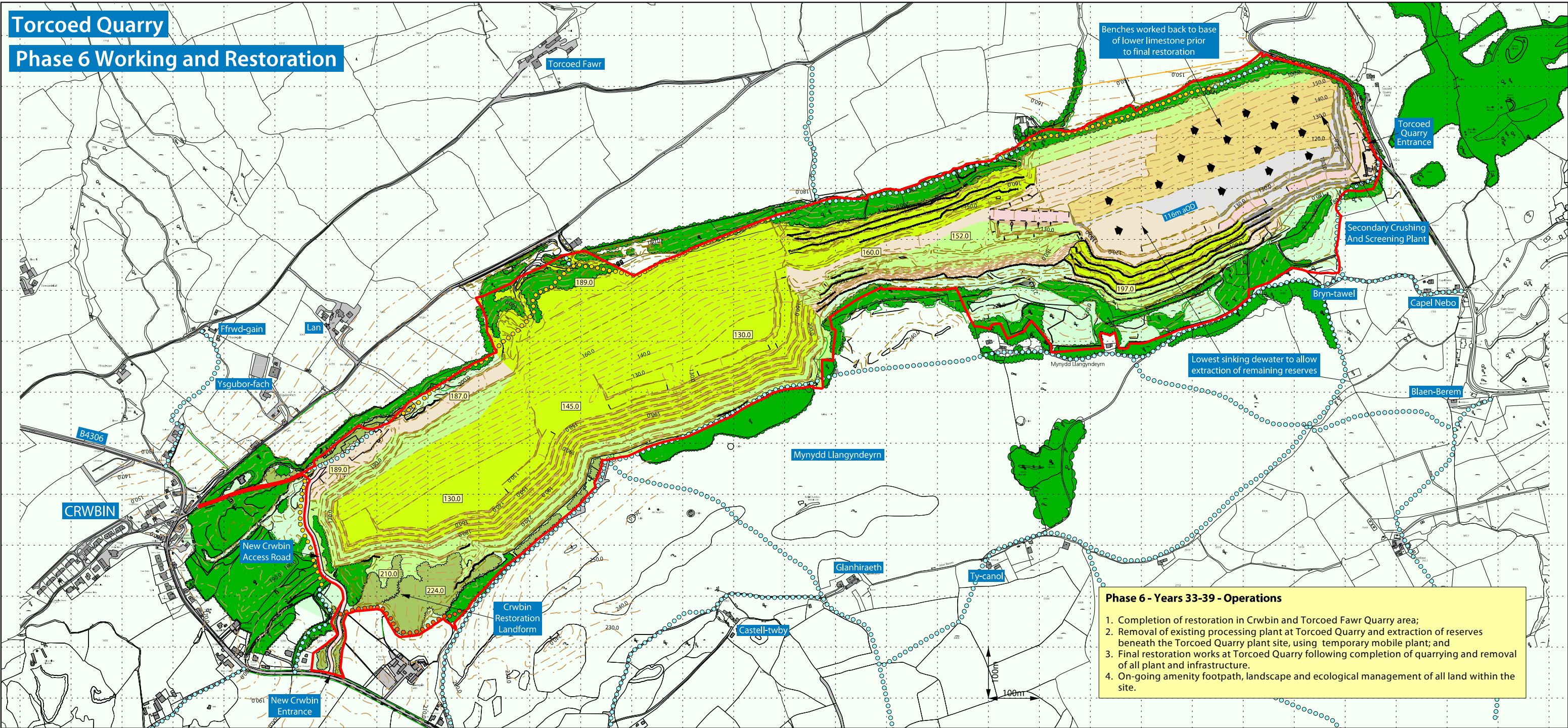
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Date:
August 2015

Drawing Number:
98107(k).D.011



Torcoed Quarry
Phase 6 Working and Restoration



Legend

	Planning Application Boundary		Public Rights Of Way		Proposed Levels (maOD)		Restoration within this Phase
	Constructed Haul Road/Ramp		Diverted Public Rights Of Way		Surrounding Land		Previously Restored Land
	Active Extraction Area During Phase (Floor)		Proposed New Public Rights Of Way (at end of Phase)		Undisturbed Land within the Planning Application Boundary		
	Construction of Landform to Create Ramp		~ Face Working Direction		Buildings / Structures / Roadways		
	Extraction To Base Of Lower Limestone, Exposing Basal Lower Limestone Shale		Existing Contours (maOD)		Existing Vegetation		
	Other Quarry Operational Land		Existing Spot Heights (maOD)		Proposed Advance / Progressive Restoration Planting		



Site Name:
Torcoed Quarry

Drawing Name:
Phase 6 Working and Restoration

Drawn By:
L.W.B. / L.M.B.

Scale @ A3:
1:7500 @ A3

Date:
August 2015

Drawing Number:
98107(k).D.016



Torcoed Quarry

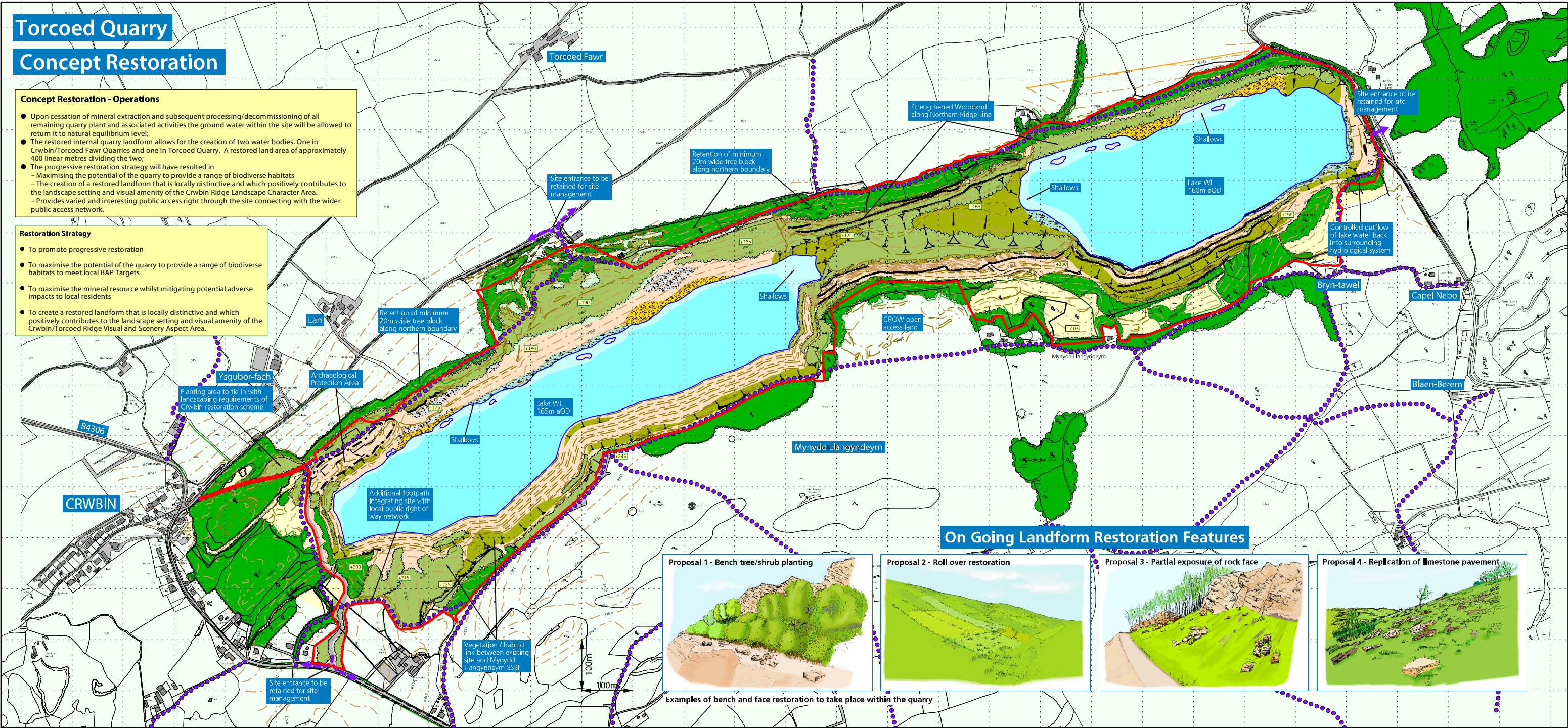
Concept Restoration

Concept Restoration - Operations

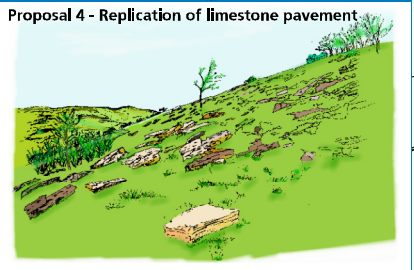
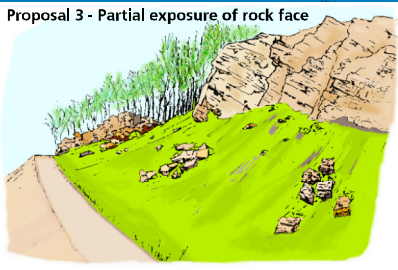
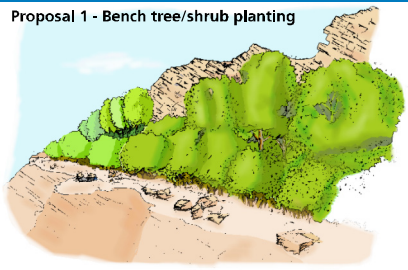
- Upon cessation of mineral extraction and subsequent processing/decommissioning of all remaining quarry plant and associated activities the ground water within the site will be allowed to return it to natural equilibrium level;
- The restored internal quarry landform allows for the creation of two water bodies. One in Crwbin/Torcoed Fawr Quarries and one in Torcoed Quarry. A restored land area of approximately 400 linear metres dividing the two;
- The progressive restoration strategy will have resulted in
 - Maximising the potential of the quarry to provide a range of biodiverse habitats
 - The creation of a restored landform that is locally distinctive and which positively contributes to the landscape setting and visual amenity of the Crwbin Ridge Landscape Character Area.
 - Provides varied and interesting public access right through the site connecting with the wider public access network.

Restoration Strategy

- To promote progressive restoration
- To maximise the potential of the quarry to provide a range of biodiverse habitats to meet local BAP Targets
- To maximise the mineral resource whilst mitigating potential adverse impacts to local residents
- To create a restored landform that is locally distinctive and which positively contributes to the landscape setting and visual amenity of the Crwbin/Torcoed Ridge Visual and Scenery Aspect Area.



On Going Landform Restoration Features



Examples of bench and face restoration to take place within the quarry

Legend

- | | | |
|---|---|---|
| Planning Application Boundary | Boggy / Wet Grassland / Aquatic Margins | Vehicle Site Entrance and Exit point |
| Proposed Restoration Contours (m aOD) | Gravelly Beach Area | Archaeological Protection Area |
| Spot Levels (m aOD) | Naturalistic Scree Formation | |
| Existing Significant Screening Vegetation to be Retained | Bench or Extracted Rock Surface / Natural Regeneration | |
| Surrounding Land within Planning Application Boundary | Species Rich Grassland Area | |
| Proposed Tree / Shrub Planting | Roll Over Restoration / Limestone Pavement / Partial Exposed Rock Face | |
| Water Feature | Footpath, Bridleway or Statutory Right of Way | |



Site Name:
Torcoed Quarry

Drawing Name:
Concept Restoration

Drawn By:
C.A.B. / R.J.S.

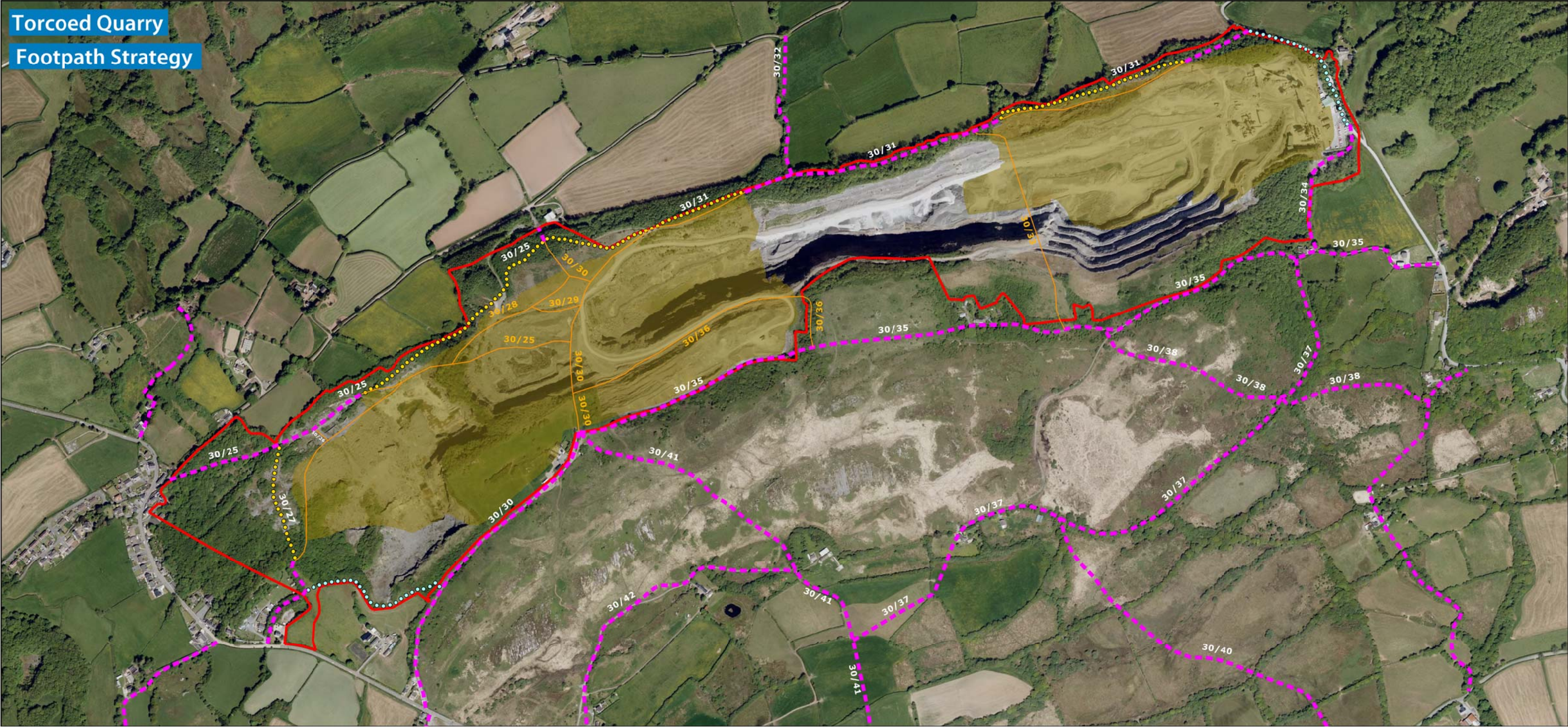
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Date:
September 2015

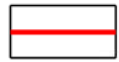
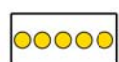
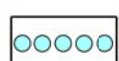
Drawing Number:
98107(k).D.001



Torcoed Quarry
Footpath Strategy



Legend

-  Planning Application Boundary
-  Existing Retained Footpaths (as illustrated on Carmarthenshire Definitive Map)
-  Existing Footpaths (as illustrated on Carmarthenshire Definitive Map) to be Extinguished / Diverted
-  Diverted Public Rights Of Way (Identified on the Phasing)
-  Proposed New Footpaths (Identified on the Phasing and Restoration)
-  Areas of Extraction (Identified on Phasing)



Site Name:
Torcoed Quarry

Drawing Name:
Footpath Strategy

Drawn By:
L.A.S. / R.J.S.

Scale @ A3:
1:7500 @ A3

Date:
September 2015

Drawing Number:
98107(k).D.021



PUBLIC EXHIBITION

TORCOED, TORCOED FAWR AND CRWBIN QUARRIES

Building materials company, Tarmac, which owns Torcoed, Torcoed Fawr and Crwbin Quarries is submitting a planning application to bring the quarries together to operate as a single quarry. It will also update the restoration scheme for the quarries.

Details of the proposals will be on display at a public exhibition on:

Tuesday 15 September 2015

4.00pm until 7.30pm

***Pontyberem Hall,
Coalbrook Road,
Pontyberem,
SA15 5HU***

Members of the project team will also be available to discuss the proposals and answer questions.

If you would like any further information,
Call **0800 169 6507**.

ARDDANGOSFA GYHOEDDUS

Mae'r cwmni deunyddiau adeiladu, Tarmac, sy'n berchen ar Chwareli Torcoed, Torcoed Fawr a Chrwbin, yn cyflwyno cais cynllunio i ddod â'r chwareli ynghyd i weithredu fel un chwarel. Bydd hefyd yn diweddarau cynllun adfer y chwareli.

Bydd manylion y cynigion i'w gweld mewn arddangosfa gyhoeddus a gynhelir:

Ddydd Mawrth 15 Medi 2015

4.00pm tan 7.30pm

***Neuadd Pontyberem,
Heol Coalbrook,
Pontyberem,
SA15 5HU***

Bydd aelodau tîm y prosiect hefyd ar gael i drafod y cynigion ac ateb cwestiynau.

Os hoffech chi fwy o wybodaeth,
ffoniwch **0800 169 6507**.

Stakeholder	Title	First Name	Second Name	Address 1	Address 2	Address 3	Address 4	Postcode	Email
Wildlife Trust of South and West Wales				The Nature Centre	Fountain Road	Tondu	Bridgend	CF32 0EH	
Natural Resources Wales				Plas Gwendraeth	Heol Parc Mawr, Crosshands Business Park	Cross Hands	Llanelli	SA14 6RE	
Torcoed Quarry Liaison Group	Mr	A	Roach	Gwenfro	Capel Seion Road	Drefach	Llanelli	SA14 7BN	
Torcoed Quarry Liaison Group	Mr	R	Newell	Harddfryn	Mynydd Cerrig		Cararthenshire	SA15 1AU	
Pontyberem Community Council	Mr	Owen	J Jones	60 Park Howard Avenue		Llanelli	Cararthenshire	SA15 3JY	owenjones@hotmail.co.uk
Torcoed Quarry Liaison Group	Mrs	B	Foster	Tynewydd Farm	Mynydd Cerrig	Pontyberem	Cararthenshire	SA15 5BA	
Torcoed Quarry Liaison Group	Mr	J	Miller	Garnffrwd Trout Fishery	Mynydd Carrig	Pontyberem	Cararthenshire	SA15 5BD	
Torcoed Quarry Liaison Group	Mr	R	Maychild	Blaenberem	Mynydd Cerrig	Pontyberem	Cararthenshire	SA15 5BL	
Torcoed Quarry Liaison Group	Mr	E	Davies	Cilfynydd House	Mynydd Cerrig	Pontyberem	Cararthenshire	SA15 5BW	
Leader of the Council	Cllr	Emlyn	Dole	Fferm Capel If an	Pontyberem		Llanelli	SA15 5HF	EDole@cararthenshire.gov.uk
Cabinet Member for the Environment & Public Protections	Cllr	Jim	Jones	Tir Gof	9 Heol Hen	Five Roads	Llanelli	SA15 5HJ	TJJones@cararthenshire.gov.uk
Llangynderyn Ward Member	Cllr	Tyssul	Evans	Cysgod y Glyn	Pontnewydd	Pontiets	Llanelli	SA15 5TL	WTEvans@cararthenshire.gov.uk
Llangynderyn Community Council	Mr	Glyndwr	Prideaux	Pontyates Welfare Hall	Heol y Meinciau	Pontyates	Cararthenshire	SA15 5TR	
Torcoed Quarry Liaison Group	Mr	A	Richards	Ffrem Y Llandre	Llangeyndeym	Cydweli	Cararthenshire	SA17 5BW	
Faerie-Thyme		Irene	Law	Faerie-Thyme	Crwbin	Kidwelly	Cararthenshire	SA17 5DR	irenelaw@hotmail.co.uk
Torcoed Quarry Liaison Group	Mr	R	Thomas	Y Lodge	Pontantwn	Cydweli	Cararthenshire	SA17 5HP	
Llandyfaelog Community Council	Mr	Arfon	Davies	2 Bryn Edda	Llansaint		Kidwelly	SA17 5IL	llandyfaelog@btinternet.com
MP	Mr	Jonathan	Edwards MP	37 Wind Street	Ammanford		Cararthenshire	SA18 3DN	
AM	Mr	Rhodri	Glyn-Thomas AM	38 Wind Street	Ammanford		Cararthenshire	SA18 3DN	rhodri.thomas@wales.gov.uk
Dyfed Archaeological Trust				The Shire Hall	8 Carmarthen Street	Llandeilo	Cararthenshire	SA19 6AF	info@dyfedarchaeology.org.uk
Minerals and Waste Planning Officer	Mr	Hugh	Towns	Minerals and Waste Planning Officer	Regeneration and Leisure, Carmarthenshire County Council	Civic Offices, Crescent Road	Llandeilo	SA19 6HW	AHTowns@cararthenshire.gov.uk
Planning Committee Chair	Cllr	Alun	Lenny	Porth Angel	26 Teras Picton		Caerfyrddin	SA31 3BX	AlunLenny@cararthenshire.gov.uk
Llangunnon Community Council	Mr	Clive	Thomas	59 Nantyrarian	Carmarthen		Cararthenshire	SA31 3JQ	clerk@llangunnon-cc.org.uk
Llanddarog Community Council	Mr	Elfryn	Williams	Talar Deg	Llandarog		Cararthenshire	SA32 8BJ	e.williams653@btinternet.com
Gorslas Community Council	Mr	Elfryn	Williams	Talar Deg	Llandarog		Cararthenshire	SA32 8BJ	e.williams653@btinternet.com
Torcoed Quarry Liaison Group	Cllr	WJW	Evans	Tyrynys	Llanddarog		Cararthenshire	SA32 8BL	
Llanarthne Community Council	Mr	Gethin	James	Llanarthne Hall	Llanarthne	Carmarthen	Cararthenshire	SA32 8JL	
Torcoed Quarry Liaison Group	Mr	I	Thomas	6 Is Y Llan	Llanddarog		Cararthenshire		
Crwbin Silver Band									Dewigog@hotmail.com
Wildlife Trust of South and West Wales - Carmarthenshire Group		Valerie	Arnall						candvarnall@cooptel.net

«Title» «First_Name» «Second_Name»
«Address_1»
«Address_2»
«Address_3»
«Address_4»
«Postcode»

1 September 2015

TARMAC: TORCOED, TORCOED FAWR AND CRWBIN QUARRIES - CONSULTATION AND INVITATION TO PUBLIC DROP IN SESSION

Dear «Title» «Second_Name»

Tarmac is consulting on proposals for Torcoed and Torcoed Fawr and Crwbin Quarries and I would like to invite you to a preview of the public exhibition to share our plans with you.

We will be submitting a planning application to bring the existing quarry planning permissions together to allow the three former quarries to operate as a single quarry.

At present, quarrying operations are confined to the Torcoed and Torcoed Fawr area. Crwbin Quarry has been mothballed for some time but it has long been an important reserve of limestone which Tarmac intend to quarry as an extension to Torcoed Quarry when market conditions are suitable.

The objective of the planning application is to bring the existing planning permissions for operations at the three quarries together into one overall scheme, which will allow the three quarries to operate as a single unit. The application will be accompanied by a comprehensive working and restoration scheme for the overall complex.

Keeping local people informed about proposals is one of our top priorities, and we are holding a public exhibition on Tuesday 15 September 2015 at Pontyberem Hall, Coalbrook Road, Pontyberem, SA15 5HU from 4.00pm to 7.30pm.

As a community representative, we would like to invite you to a preview of the exhibition on **Tuesday 15 September at Pontyberem Hall, from 2.30pm – 3.30pm.**

At the preview and exhibition, you will be able to find out more about our plans for the site, as well as leave your comments and put questions to the Project Team.

We look forward to seeing you at the exhibition. If you would like any further information, you can contact us on Freephone 0800 169 6507 or email: torcoed@tarmac.com.

Yours sincerely

Malcolm Lawer
Estates Manager

TARMAC.COM

Tarmac Trading Limited Registered in England and Wales. Company No. 453791

Tarmac Cement and Lime Limited Registered in England and Wales. Company No. 66558

Tarmac Services Limited Registered in England and Wales. Company No. 8197397

Registered address for all companies: **Portland House Bickenhill Lane Solihull Birmingham B37 7BQ**

South Wales Area Office
Hendy Quarry, School Road
Miskin, Pontyclun,
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TARMAC: CHWARELI TORCOED, TORCOED FAWR A CHRWBIN - YMGYNGHORIAD A GWAHODDIAD I'R CYHOEDD I SESIWN GALW HEIBIO

Annwyl «Title» «Second_Name»

Mae Tarmac yn ymgynghori ar gynigion ar gyfer Chwareli Torcoed, Torcoed Fawr a Chrwbin, a hoffwn eich gwahodd chi i ragflas o'r arddangosfa gyhoeddus i rannu ein cynlluniau gyda chi.

Byddwn yn cyflwyno cais cynllunio i gyfuno'r caniatâd cynllunio presennol ar gyfer y chwareli er mwyn i'r tair chwarel allu gweithredu fel un.

Ar hyn o bryd, dim ond chwareli Torcoed a Thorcoed Fawr sy'n gweithio. Mae Chwarel Crwbin wedi bod yn segur ers tipyn, ond mae ganddi gronfeydd pwysig o galchfaen ac mae Tarmac yn bwriadu eu cyrchu gan estyn Chwarel Torcoed pan fydd amodau'r farchnad yn addas.

Nod y cais cynllunio yw cyfuno'r caniatâd cynllunio presennol ar gyfer gweithrediadau'r tair chwarel yn un cynllun cyffredinol, a fydd yn galluogi'r tair chwarel i weithredu fel un uned. Bydd y cais yn cynnwys cynllun gwaith ac adfer cynhwysfawr ar gyfer y cyfleuster cyfan.

Un o'n prif flaenoriaethau yw sicrhau bod pobl leol yn cael y newyddion diweddaraf am y cynigion, ac rydym yn cynnal arddangosfa gyhoeddus ddydd Mawrth 15 Medi 2015 yn Neuadd Pontyberem, Coalbrook Road, Pontyberem, SA15 5HU rhwng 4.00pm a 7.30pm.

Fel cynrychiolydd o'r gymuned, hoffem eich gwahodd i ragflas o'r arddangosfa **ddydd Mawrth 15 Medi yn Neuadd Pontyberem rhwng 2.30pm a 3.30pm.**

Yn y rhagflas a'r arddangosfa, bydd mwy o wybodaeth am ein cynlluniau ar gyfer y safle, a gallwch wneud sylwadau a gofyn cwestiynau i Dîm y Prosiect.

Edrychwn ymlaen at eich gweld chi yn yr arddangosfa. I gael mwy o wybodaeth, gallwch ffonio Rhadffôn 0800 169 6507 neu anfon e-bost i torcoed@tarmac.com

Yn gywir

Malcolm Lawer
Rheolwr Ystadau

Media Release

Public exhibition on the future plans for Torcoed, Torcoed Fawr and Crwbin Quarries

Details of proposals for Torcoed, Torcoed Fawr and Crwbin Quarries will be on display at a public exhibition on Tuesday 15 September 2015.

Building materials company, Tarmac, is submitting a planning application to bring together Torcoed, Torcoed Fawr and Crwbin Quarries to operate as a single quarry unit.

The planning application will seek permission to remove the narrow ridgeline which currently separates Torcoed Fawr and Crwbin Quarries; provide for a small south eastern extension of Torcoed Fawr quarry; and bring historic quarrying operations at Crwbin into the boundaries of a new planning permission area.

Malcolm Lawer, Estates Manager for Tarmac said: "The process of linking the three former quarries commenced in the mid 2000's with the joining of Torcoed and Torcoed Fawr Quarries. We would now like to continue this process by linking Torcoed Fawr Quarry into the adjoining Crwbin Quarry. This will allow the quarries to operate more efficiently and assist in the supply of important aggregate materials to local markets. However, subject to the consolidation element of the application, no material changes are proposed to the currently approved working practices at the quarries, but the schemes will be updated. The application will also include a restoration plan for the proposed combined quarry."

A public exhibition will take place on Tuesday 15 September 2015 from 4pm until 7.30pm at Pontyberem Hall. As well as being able to view the plans, members of the public will also be able to meet the project team to discuss the proposals in more detail.

ENDS

[For all media enquiries contact either Mark Price or Deb Campbell at PPS on 01454 275630]

About Tarmac:

1. Tarmac specialises in:
 - a. Aggregates
 - b. Ready-mix concrete
 - c. Asphalt
 - d. Asphalt surfacing
 - e. Cement
2. Tarmac has 330 sites across the UK and currently employs 6,600 people across these sites.
3. Crwbin, Torcoed and Torcoed Fawr Quarries are long established limestone quarries which lies to the east of the village of Crwbin. Work was temporarily stopped at Crwbin in 2000, but, planning permission to quarry at the site still continues to be in force.

CROESO I'R ARDDANGOSFA GYHOEDDUS

YR ARDDANGOSFA

Nod yr arddangosfa hon yw rhoi mwy o wybodaeth i chi am gynlluniau Tarmac i ddatblygu Chwareli Torcoed, Torcoed Fawr a Chwabin yn y dyfodol.

Mae aelodau o'r tîm prosiect yma i esbonio ein cynigion ac i ateb unrhyw gwestiynau a all fod gennych.

Cyn i ni gyflwyno'n cais cynllunio yn ddiweddarach yn y mis, hoffem gael gwybod beth yw'ch barn am ein cynigion. Beth am ddweud eich dweud drwy lenwi ffurflen adborth? Byddwn yn ystyried eich adborth wrth lunio ein cynlluniau terfynol.

Mae gwybodaeth am ein cynigion ar ein gwefan:
www.tarmac.com/torcoed

HANES CHWARELI TORCOED, TORCOED FAWR A CRWBIN

Mae'r tair chwarel yn rhan o gasgliad o chwareli sy'n rhedeg o'r dwyrain i'r gorllewin ar hyd cefnen galchfaen garbonifferaidd uwchben cwm Gwendraeth Fach. Hyd y 1990au, roedd y chwareli'n gweithredu fel unedau annibynnol, Chwarel Torcoed i'r dwyrain yn nwylo Wimpey Hobbs; Torcoed Fawr yn y canol yn nwylo Alfred McAlpine; a Chwarel Crwbin yn y gorllewin yn nwylo RMC Roadstone. Roedd gan bob un o'r tair chwarel ganiatâd cynllunio, a threfniadau gweithio, prosesu a mynediad ar wahân.

Yn dilyn cyfres o gamau uno a chaffael cwmnïau, mae'r tair chwarel yn nwylo Tarmac bellach. Bydd y cais cyfuno sydd ar y gweill yn ceisio ffurfioli'r berthynas gynllunio rhwng y chwareli.

Cychwynnodd y broses o gydgrynhoi'r caniatâd cynllunio ym 1996 gyda chaniatâd cynllunio a roddwyd gan Gyngor Sir Caerfyrddin a oedd yn caniatáu cloddio drwy grib gul a oedd yn gwahanu

Chwareli Torcoed a Thorcoed Fawr cyn hynny. Effaith hynny oedd creu un uned chwarel yn Nhorcoed a Thorcoed Fawr, â chael gwared ar ffynfeyddol flaenorol y chwarel.

Yn 2007 rhoddwyd caniatâd cynllunio i gydgrynhoi'r caniatâd cynllunio presennol yn Chwareli Torcoed a Thorcoed Fawr yn un caniatâd cynllunio gyda chynllun gweithio ac adfer y cytunwyd arno ac un set o amodau cynllunio'n rheoleiddio'r gweithrediadau yn y chwareli cyfunol. Diweddarwyd y cynllun gwaith hwn gan ganiatâd a roddwyd ym mis Medi 2014 yn ymwneud â rhan ogleddol Chwarel Torcoed.

Caiff Chwarel Crwbin ei rheoleiddio gan restr o amodau cynllunio a roddwyd ym 1998 a chyfres o gynlluniau a gymeradwywyd ym mis Mawrth 2013. Rhoddwyd caniatâd cynllunio ar gyfer adeiladu mynedfa newydd i Chwarel Crwbin ym mis Mawrth 2014.

EIN CYNIGION

Mae'r amgylchiadau cynllunio cyfredol yn y chwareli fel a ganlyn:

- (i) Caniatâd cyfuno cyfredol ar gyfer Chwarel Torcoed / Torcoed Fawr a roddwyd ym mis Medi 2014;
- (ii) Caniatâd cynllunio ar wahân ar gyfer gweithrediadau cloddio yn Chwarel Crwbin, a ddiweddarwyd ddiwethaf ym 1998;
- (iii) Cyfres o gynlluniau cymeradwy'n rheoleiddio gweithrediadau yn Chwarel Crwbin yn y dyfodol;
- (iv) Caniatâd ar gyfer adeiladu mynedfa newydd i Chwarel Crwbin; a
- (v) Nid yw gweithfeydd hanesyddol yn Chwarel Crwbin wedi'u cwmpasu gan ganiatâd cynllunio penodol.

Amcan y cais cyfuno sydd ar ddod yw dwyn pob caniatâd a chynllun ynghyd yn un cynllun cyffredinol. Byddai hyn yn galluogi'r tair chwarel i

weithredu fel un uned, gyda chynllun gweithio ac adfer cynhwysfawr ar gyfer y safle yn ei gyfanrwydd, a chyda'r holl weithrediadau i'w rheoleiddio gan ganiatâd cynllunio unigol.

Bydd y cyflwyniad yn cynnwys cynllun datblygu ac adfer ar ei newydd wedd ar gyfer y chwarel. Mae'n cynnwys cael gwared ar y gefnen gul sy'n gwahanu Chwareli Torcoed Fawr a Chwbin ar hyn o bryd, ac yn cynnwys tir ar hyd ffin ddeheuol Torcoed Fawr. Bydd yn ceisio rheoleiddio cloddio hanesyddol yng Nghwbin hefyd a oedd yn ymestyn y tu hwnt i ffiniau caniatâd cynllunio Crwbin, gan gynnwys yr ardaloedd hanesyddol hyn yn y fframwaith o reolaeth gynllunio ffurfiol.

Yn ogystal, er nad oes unrhyw gyfyngiadau ar allbwn o Chwareli Torcoed / Torcoed Fawr a Chwbin ar wahân ar hyn o bryd, bydd y datblygiad cyfuno yn gyfle i ddosbarthu traffig drwy fynedfa'r chwarel ym mhen dwyreiniol y chwarel yn Nhorcoed a'r pen gorllewinol yng Nghwbin.

RHEOLAETHAU AMGYLCHEDDOL

Ni fydd unrhyw newidiadau sylweddol i'r cynlluniau sydd eisoes wedi'u cymeradwyo o ran arferion gwaith cyffredinol, oriau gweithio, terfynau sŵn a dirgryniad ffrwydro, dulliau rheoli llwch, a dulliau rheoli dŵr daear a dŵr wyneb. Yn yr un modd, ni fydd unrhyw newidiadau i egwyddorion y cynllun adfer ar gyfer y chwareli ond bydd cyfle i ddiweddarau'r cynlluniau i adlewyrchu cynllun datblygu diwygiedig y chwarel.

Caiff Chwarel Torcoed / Torcoed Fawr ei rheoleiddio gan restr gynhwysfawr a chyfredol o amodau cynllunio sy'n cynnwys yr holl faterion amgylcheddol gan gynnwys oriau gweithio, terfynau sŵn a dirgryniad ffrwydro, dulliau rheoli llwch, a dulliau amddiffyn dŵr daear a dŵr wyneb.

Fodd bynnag, mae rhestr amodau Chwarel Crwbin yn dyddio'n ôl i 1998 ac mae angen ei diweddarau er mwyn sicrhau safonau rheoli modern yn ogystal â darparu cysondeb gyda'r rheolaethau sydd eisoes ar waith yn Chwarel Torcoed / Torcoed Fawr.

Os rhoddir caniatâd cynllunio ar gyfer y datblygiad cyfuno arfaethedig, bydd cyfle i Gyngor Sir Caerfyrddin osod rhestr gynhwysfawr o amodau cynllunio ar draws ardal lawn y cais sy'n cynnwys y tair chwarel.

Fel rhan o'r cais, byddwn yn cynnal Asesiad o'r Effaith Amgylcheddol i ystyried effeithiau amgylcheddol posibl y datblygiad, a'r mesurau lliniaru y gallwn ei rhoi ar waith i leihau'r effeithiau posibl. Bydd hyn yn cynnwys:

- Tirwedd ac Effaith Weledol
- Ecoleg
- Adnoddau pridd
- Dŵr daear a dŵr wyneb
- Sŵn
- Dirgryniad ffrwydro
- Llwch ac Ansawdd Aer
- Traffig
- Archaeoleg

CYNLLUN DATBLYGU'R CHWAREL

Crynhair ein llinell amser ar gyfer y cynllun datblygu isod, ac mae'n amlinellu cynnydd disgwylidig datblygiad y chwarel.

CYFNOD 1 BLYNYDDOEDD 1 - 5:

- (i) Cwblhau gwaith cloddio yn rhan ogleddol Chwarel Torcoed; ynghyd â sefydlu nodweddion tirffurf ysgafell ac wyneb yn yr adferiad terfynol er mwyn integreiddio safle'r chwarel i mewn i'r dirwedd o gwmpas
- (ii) Parhau i gloddio yn ardal ganolog Chwarel Torcoed Fawr;
- (iii) Lefelu hen dipiau a chlirio cerrig o lefelau uchaf Chwarel Crwbin;
- (iv) Adeiladu mynedfa newydd i Chwarel Crwbin;
- (v) Adeiladu gwaith adfer tirffurf newydd i'r de o Chwarel Crwbin gyda gwaith hadu a phlannu i ddilyn a chreu cynefinoedd bywyd gwyllt newydd.
- (vi) Plannu bloc o goetir newydd ar hyd ffin ddeheuol Chwarel Crwbin i wella'r terfynlin coediog a darparu cysylltiadau a llwybrau ar gyfer bywyd gwyllt.
- (vii) Plannu coed, prysgwydd a phorfeydd ar hyd yr ardal o gwmpas yr hen fynedfa i safle Torcoed Fawr.
- (viii) Parhau i reoli'r llwybr troed hamdden, y dirwedd a rheoli ecoleg yr holl dir ar y safle.

CYFNOD 2 BLYNYDDOEDD 6 - 10:

- (i) Cael gwared ar y grib rhwng Chwareli Torcoed Fawr a Chrwbin;
- (ii) Parhau i gloddio yn yr ardal ganolog o Chwarel Torcoed Fawr;
- (iii) Dyfnhau llawr presennol rhan o Chwarel Torcoed i greu swmp ar gyfer rheoli dŵr;
- (iv) Adfer ardal a gafodd ei chloddio yn rhan ogleddol Chwarel Torcoed er mwyn cryfhau'r coetir a blannwyd ar hyd y grib ddeheuol a gwella'r coridorau bywyd gwyllt.
- (v) Parhau i reoli'r llwybr troed hamdden, y dirwedd a rheoli ecoleg yr holl dir ar y safle.

CYFNOD 3 BLYNYDDOEDD 11 - 20:

- (i) Parhau i gloddio yn ardal ganolog Chwarel Torcoed Fawr; gan echdynnu i gyfeiriad y gorllewin i mewn i Chwarel Crwbin.
- (ii) Datblygu Chwarel Torcoed tua'r de i hen fferm Tŷ Gwyn a'r gronfa ddŵr;
- (iii) Defnyddio'r pridd a ryddhawyd a'r gorlwyth i adfer tir a gafodd ei drin yn flaenorol i'r de o Chwarel Crwbin/ estyn a chwblhau'r gwaith o adfer y tirffurf
- (iv) Sefydlu swmp rheoli dŵr yn Chwarel Torcoed Fawr.
- (v) Mynd ati i adfer ysgafell ac wyneb gogleddol uchaf er mwyn integreiddio'r chwarel i mewn i'r dirwedd o gwmpas a chrib y nlinell
- (vi) Parhau i reoli'r llwybr troed hamdden, y dirwedd a rheoli ecoleg yr holl dir ar y safle

CYFNOD 4 BLYNYDDOEDD 21-30

- (i) Datblygu ymhellach i'r gorllewin i mewn i Chwarel Crwbin; gan ddefnyddio system tair ysgafell i echdynnu'n effeithiol ac adfer yr ardaloedd o'r chwarel i'r proffiliau terfynol.
- (ii) Datblygiad i ostwng gwaelod ardal orllewinol Chwarel Torcoed Fawr; a sicrhau safleoedd ysgafell ac wyneb terfynol
- (iii) Gwaith adfer fesul cam ar hyd ymylon deheuol a gogleddol Chwarel Torcoed Fawr.
- (iv) Suddo llawr terfynol ardal Torcoed Fawr
- (v) Parhau i reoli'r llwybr troed hamdden, y dirwedd a rheoli ecoleg yr holl dir ar y safle

CYFNOD 5 BLYNYDDOEDD 30 - 33

- (i) Gwaith datblygu terfynol y chwarel yn ôl tua'r dwyrain o Grwbin drwy ardal Chwarel Torcoed Fawr;
- (ii) Cwblhau gwaith adfer ac ail-broffilio'r ysgafellau, yr wynebau a'r llethrau ar hyd ymyl gogleddol Chwareli Crwbin a Thorcoed Fawr ac ymyl de orllewinol Chwarel Crwbin.

- (iii) Mynd ati i gael gwared ar rampiau ffordd gludo fesul cam a gosod deunydd yn rhan ganolog Chwarel Torcoed Fawr / Torcoed Ganol fel rhan

o broffiliau'r gwaith adfer terfynol i greu ardal o dir uwch rhwng y ddwy chwarel.

- (vi) Parhau i reoli'r llwybr troed hamdden, y dirwedd a rheoli ecoleg yr holl dir ar y safle

CYFNOD 6 BLYNYDDOEDD 33-39

- (i) Cwblhau gwaith adfer yn ardal Chwareli Crwbin a Thorcoed Fawr;
- (ii) Cael gwared ar y gwaith prosesu presennol yn Chwarel Torcoed ac echdynnu'r deunyddiau sydd dan safle gwaith Chwarel Torcoed, gan ddefnyddio peiriannau symudol dros dro;

- (iii) Gwaith adfer terfynol yn Chwarel Torcoed ar ôl gorffen y gwaith cloddio a symud yr holl offer a seilwaith oddi yno.
- (iv) Parhau i reoli'r llwybr troed hamdden, y dirwedd a rheoli ecoleg yr holl dir ar y safle

ADFER Y CYSYNIAD

- (i) Ar ôl gorffen echdynnu mwynau a'r prosesau/ datgomiynu dilynol o'r holl waith chwarel sydd ar ôl a gweithgareddau cysylltiedig bydd y dŵr daear ar y safle yn cael ei adfer i'r lefel ecwilibriwm naturiol
- (ii) Mae tirffurf mewnol y chwarel ar ôl ei adfer yn caniatáu ar gyfer creu dau gorff o ddŵr. Un yn Chwareli Crwbin/Torcoed fawr ac un yn Chwarel Torcoed. Bydd ardal o dir wedi'i hadfer sy'n mesur 400 metr llinol yn rhannu'r ddau.

- (iii) Bydd y strategaeth adfer flaengar yn sicrhau:
 - Mwyafu potensial y chwarel i ddarparu amrywiaeth o gynefinoedd bioamrywiol
 - Creu tirffurf wedi ei adfer sy'n unigryw yn lleol ac sy'n cyfrannu'n gadarnhaol at y dirwedd ac amwynder gweledol Ardal Cymeriad Tirwedd Crib Crwbin
 - Hawl tramwy amrywiol a diddorol i'r cyhoedd trwy'r safle gan gysylltu â'r rhwydwaith mynediad cyhoeddus ehangach

ADFER Y CHWAREL

Mae adfer y safle yn bwysig i ni ac rydym am sicrhau bod ein cynlluniau adfer yn cyfrannu at y dirwedd goediog o amgylch y chwarel a'r gwaith creu cynefinoedd sydd eisoes wedi'i wneud.

Mae'r cynllun yn gwneud darpariaeth ar gyfer adfer yr hen weithfeydd chwarel yng Nghrwbin yn gynnar yn y broses drwy greu tirffurf sgrinio newydd yn yr ardal hon. Byddai hwn yn rhwystr gweledol ac yn rhwystro sŵn rhag effeithio ar eiddo i'r de a'r de-orllewin. Bydd yn gyfle i blannu coed hefyd er mwyn creu cyswllt rhwng ardaloedd sefydledig o goetir i'r gorllewin a'r dwyrain, ac ar gyfer sefydlu llwybr troed newydd yn cysylltu hawliau tramwy presennol i'r gogledd ac i'r de o'r chwarel.

Mae strategaeth adfer ar gyfer Chwareli Torcoed a Thorcoed Fawr yn ei lle eisoes ac yn cynnwys gwaith adfer, plannu coetiroedd a chreu cynefinoedd ar gyfer cadwraeth natur. Byddai egwyddorion y cynllun hwn sydd wedi'i gymeradwyo yn cael eu rhoi ar waith yn Chwarel Crwbin. Byddai 'ardal gwarchodaeth archeolegol' yn Chwarel Crwbin yn cael ei chadw hefyd, yn seiliedig ar nodweddion archeolegol diwydiannol y lleoliad.

Bydd cynllun adfer wedi'i ddiweddarau ar gyfer y safle yn ei gyfanrwydd yn cael ei gyflwyno gyda'r cais hefyd, a fydd yn adlewyrchu egwyddorion y cynlluniau sydd wedi'u cymeradwyo eisoes, ond caiff ei ddiwygio i gyd-fynd â chynllun diwygiedig terfynol y chwarel.

Dangosir y cynllun adfer isod, ac mae'n cynnwys yr un patrwm cyffredinol o ddefnydd tir fel sydd i'w weld yn y cynlluniau a gymeradwywyd, ond mae'n cynnwys:

- cael gwared ar grib Torcoed Fawr / Crwbin;
- gwaith adfer / plannu coetiroedd ychwanegol yn rhan orllewinol Chwarel Crwbin;
- plannu coetiroedd gwell yn yr ardal ganolog a fydd yn gwahanu'r llynnoedd a fydd yn ffurfio ar waelod yr ardaloedd sydd i'w cloddio a'u hadfer yn Chwareli Torcoed a Thorcoed Fawr / Crwbin.

WELCOME TO THE PUBLIC EXHIBITION



About the Exhibition

The aim of this exhibition is to give you more information about Tarmac's plans for the future development of Torcoed, Torcoed Fawr and Crwbin Quarries.

Members of the project team are here to explain our proposals and to answer any queries you may have.

Before we submit our planning application later this month, we would like to know what you think about our proposals. Please tell us what you think by completing one of the feedback forms. We will take your feedback into consideration as we shape our final plans.

Information about our proposals can be found on our website: www.tarmac.com/torcoed-quarry.

THE HISTORY



The History of Torcoed, Torcoed Fawr and Crwbin Quarries

The three quarries comprise a quarry complex which runs east to west along a Carboniferous Limestone ridge above the valley of the Gwendraith Fach. Up until the 1990's the quarries were operated as independent units: Torcoed Quarry to the east operated by Wimpey-Hobbs; Torcoed Fawr in the centre operated by Alfred McAlpine; and Crwbin Quarry in the west operated by RMC Roadstone. Each quarry had separate planning permissions, working, processing and access arrangements.

Following a series of mergers and company acquisitions, all three quarries are now under the control of Tarmac. The forthcoming consolidation application will seek to formalise the planning relationships between the quarries.

The process of consolidating the planning permissions commenced in 1996 with a planning permission issued by Carmarthenshire County Council which allowed quarrying through a narrow ridgeline which previously separated Torcoed and Torcoed Fawr Quarries. The effect was to create a single quarry unit at Torcoed and Torcoed Fawr, with the removal of the previous internal quarry boundary.

In 2007 planning permission was issued to consolidate the existing planning permissions at Torcoed and Torcoed Fawr Quarries into one single planning permission with an agreed working and restoration scheme and a single set of planning conditions regulating operations at the combined quarries. This working scheme was updated by a permission issued in September 2014 relating to the northern part of Torcoed Quarry.

Crwbin Quarry is regulated by a schedule of planning conditions issued in 1998 and a series of schemes approved in March 2013. Planning permission for the construction of a new access to Crwbin Quarry was granted in March 2014.

Torcoed Quarry
Current Situation

Primary Crusher
Secondary Crushers and Screening Plant
Quarry Jumps
Existing Vegetation
Public Rights Of Way
Diverted Public Rights Of Way
Existing Contours (mOD)
Buildings / Structures / Roadways

100m

- (i) An up-to-date consolidation permission for Torcoed / Torcoed Fawr Quarry issued in September 2014;
- (ii) A separate planning permission for quarrying operations at Crwbin Quarry, last updated in 1998;
- (iii) A series of approved schemes regulating future operations at Crwbin Quarry;
- (iv) Permission for the construction of a new access to Crwbin Quarry; and
- (v) Historic workings at Crwbin Quarry not covered by a specific planning permission.

The submission will include an updated quarry development and restoration scheme. This includes removing the narrow ridgeline which currently separates Torcoed Fawr and Crwbin Quarries, and include land along the southern boundary of Torcoed Fawr. It will also seek to regularise historic quarrying at Crwbin which extended beyond the boundaries of the Crwbin planning permission, and therefore bring these historical areas into the framework of formal planning control.

In addition, while there are no limits on output from the currently separate Torcoed / Torcoed Fawr and Crwbin Quarries, the consolidation development will present an opportunity to distribute traffic via the quarry access at the eastern end of the quarry at Torcoed and western end at Crwbin.

ENVIRONMENTAL CONTROLS



There will be no material changes to the currently approved schemes in terms of the general working practices, hours of working, noise and blast vibration limits, dust controls, and ground and surface water controls. Similarly, there will be no changes to the principles of the restoration scheme for the quarries but there will be an opportunity to update the schemes to reflect the updated quarry development scheme.

Torcoed / Torcoed Fawr Quarry is regulated by a comprehensive and up to date schedule of planning conditions which cover the full range of environmental issues including hours of working, noise and blast vibration limits, dust controls, and ground and surface water protection.

However, the Crwbin Quarry schedule of conditions dates back to 1998 and is in need of updating both to ensure modern standards of control but also to provide consistency with the controls which are already in place at Torcoed / Torcoed Fawr Quarry.

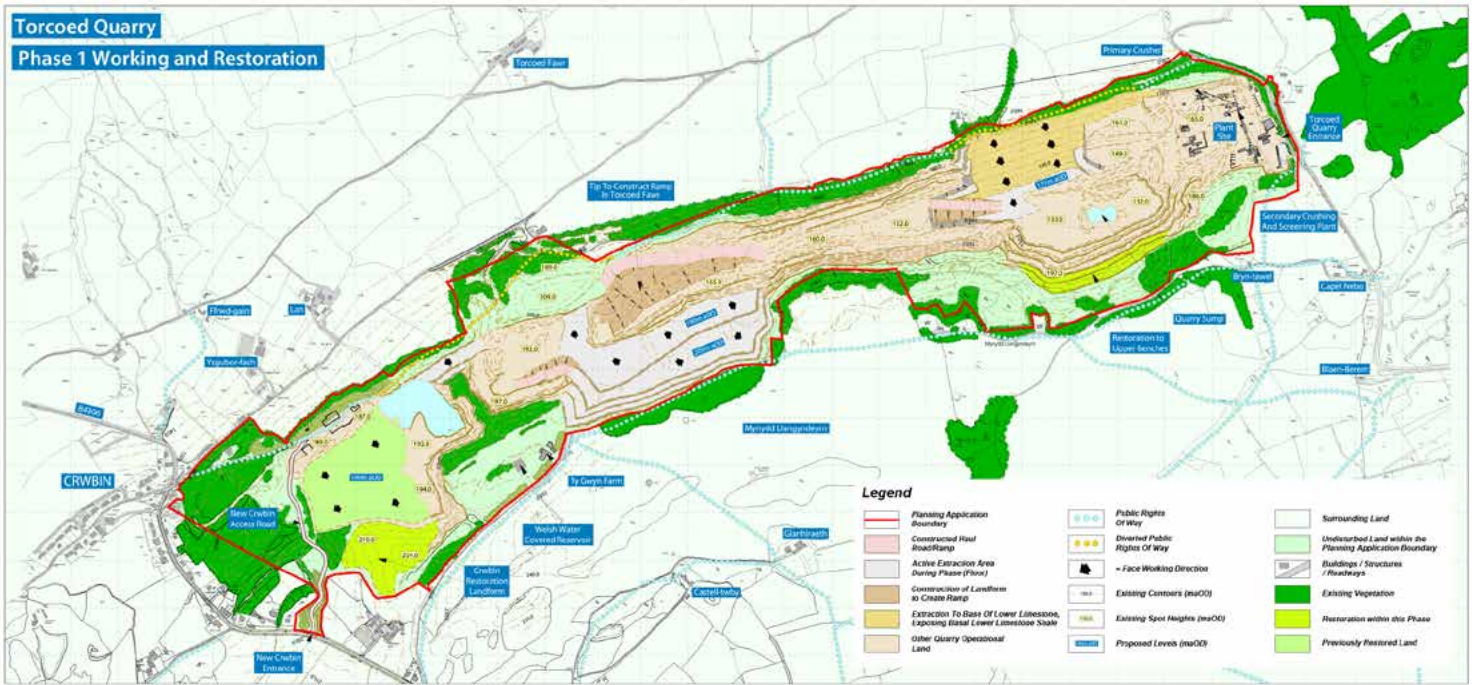
If planning permission is granted for the proposed consolidation development, the opportunity will be available to Carmarthenshire County Council to impose a comprehensive schedule of planning conditions across the full application area covering the three quarries.

As part of the application, we will undertake an Environmental Impact Assessment to consider the potential environmental effects of the development, and the mitigation measures we can put in place to minimise potential impacts. This will include:

- Landscape and Visual Impact
- Ecology
- Soil resources
- Ground and surface water
- Noise
- Blast vibration
- Dust and Air Quality
- Traffic
- Archaeology

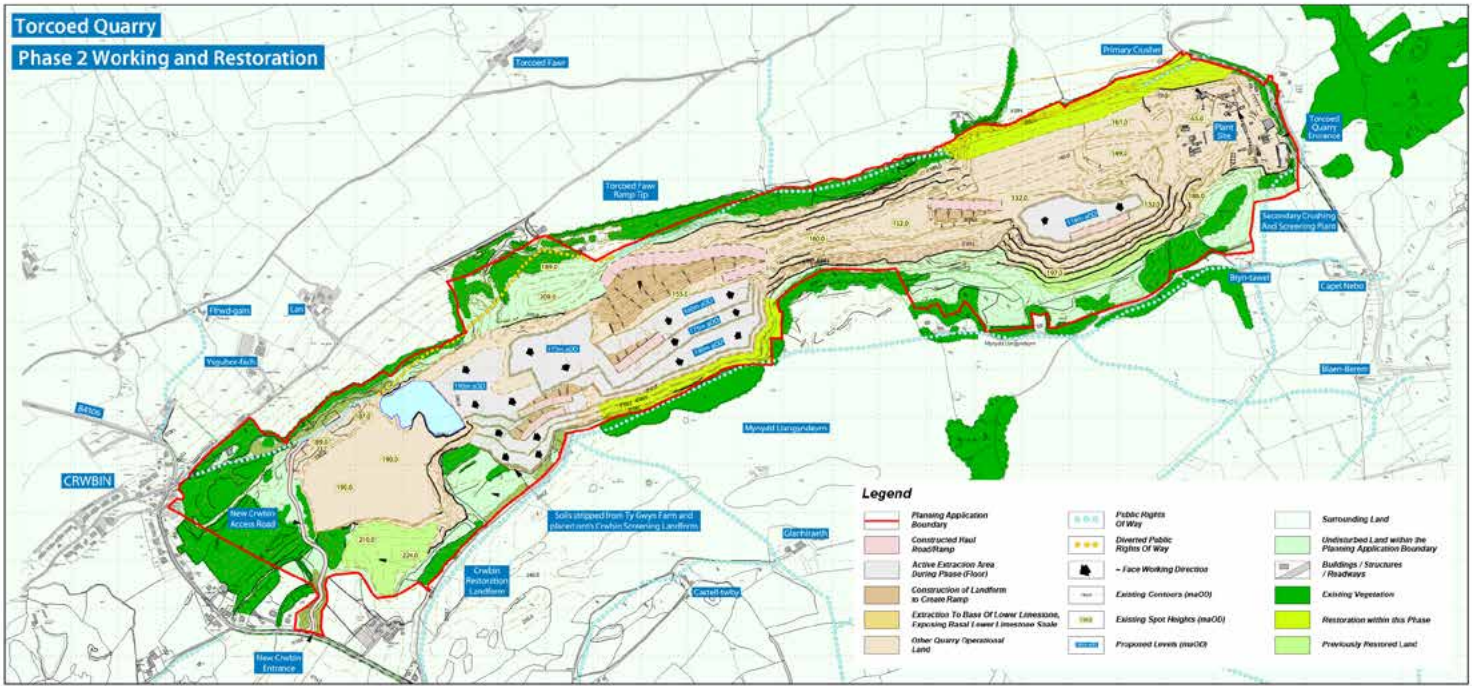
THE QUARRY DEVELOPMENT SCHEME

Our timeline for the development scheme is summarised below, and outlines the anticipated progress of the quarry development.



Phase 1 Years 1 - 5:

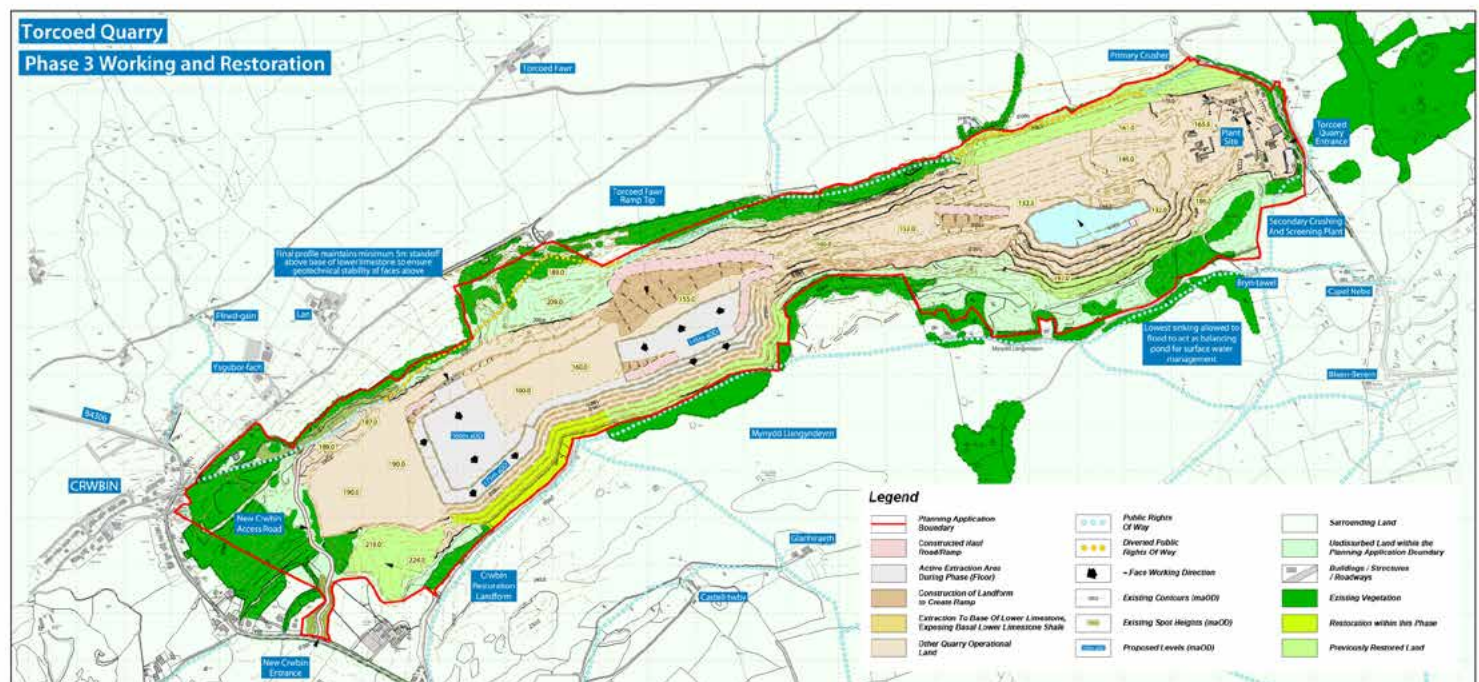
- (i) Completion of quarrying in the northern part of Torcoed Quarry; combined with the establishment of final restoration bench and face landform features to integrate the quarry site into its surrounding landscape.
- (ii) Continued quarrying in the central area of Torcoed Fawr Quarry.
- (iii) Levelling of historic tips and clearance of the upper levels of stone in Crwbin Quarry.
- (iv) Construction of new access to Crwbin Quarry.
- (v) Construction of new restoration landform south of Crwbin Quarry, followed by seeding and planting works and the creation of new wildlife habitats.
- (vi) Planting of a new woodland block along the southern boundary of Crwbin Quarry enhancing the wooded skyline and providing links and connectivity for wildlife.
- (vii) Tree, shrub and grassland planting to the area surrounding the old Torcoed Fawr site entrance.
- (viii) On-going amenity footpath, landscape and ecological management of all land within the site.



Phase 2 Years 6 - 10:

- (i) Removal of ridgeline between Torcoed Fawr and Crwbin Quarries.
- (ii) Continued quarrying in the central area of Torcoed Fawr Quarry.
- (iii) Deepening the existing floor of part of Torcoed Quarry to create a sump for water management.
- (iv) Restoration of worked out area in northern part of Torcoed Quarry to strengthen woodland planting along the southern ridgeline and enhance wildlife corridors.
- (v) On-going amenity footpath, landscape and ecological management of all land within the site.

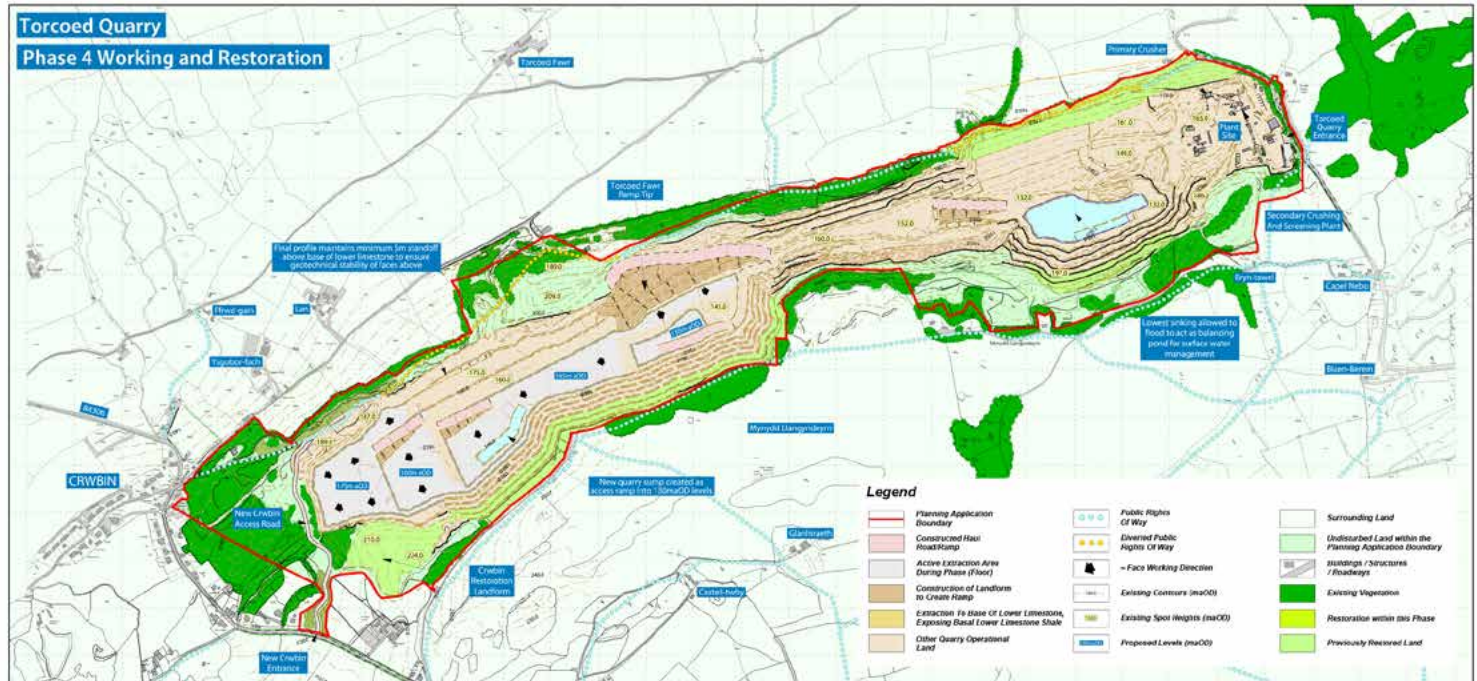
THE QUARRY DEVELOPMENT SCHEME (CONT'D)



Phase 3 Years 11 - 20:

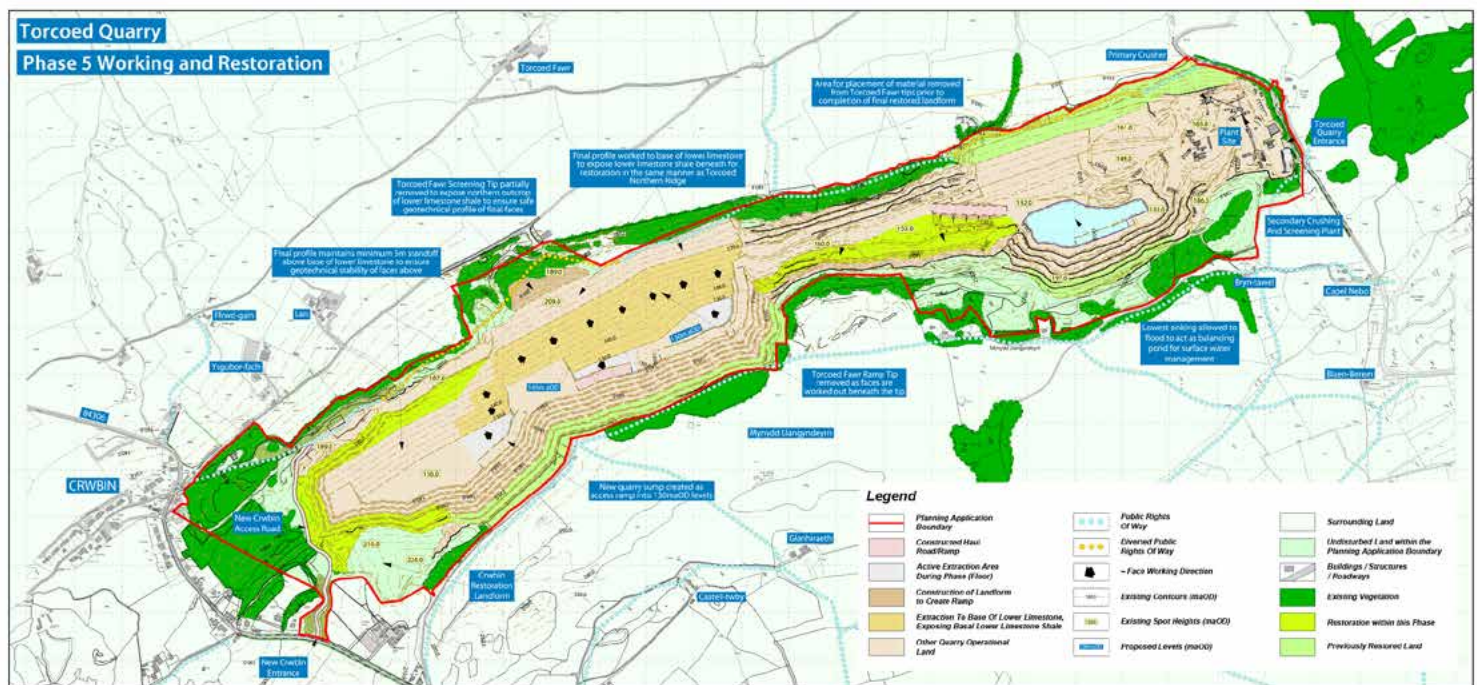
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|--|--|
| <p>(i) Continued quarrying in the central area of Torcoed Fawr Quarry; followed by extraction westwards into Crwbin Quarry.</p> | <p>(iv) Water management sump established in Torcoed Fawr Quarry.</p> |
| <p>(ii) Torcoed Quarry development southwards into area of former Ty Gwyn Farm and reservoir.</p> | <p>(v) Progressive upper northern face and bench restoration to integrate the quarry into its surrounding landscape and skyline ridge.</p> |
| <p>(iii) Released soils and overburden utilised to restore previously disturbed land to the south of Crwbin Quarry/ extending and completing the restoration landform.</p> | <p>(vi) On-going amenity footpath, landscape and ecological management of all land within the site.</p> |

THE QUARRY DEVELOPMENT SCHEME (CONT'D)



Phase 4 Years 21-30

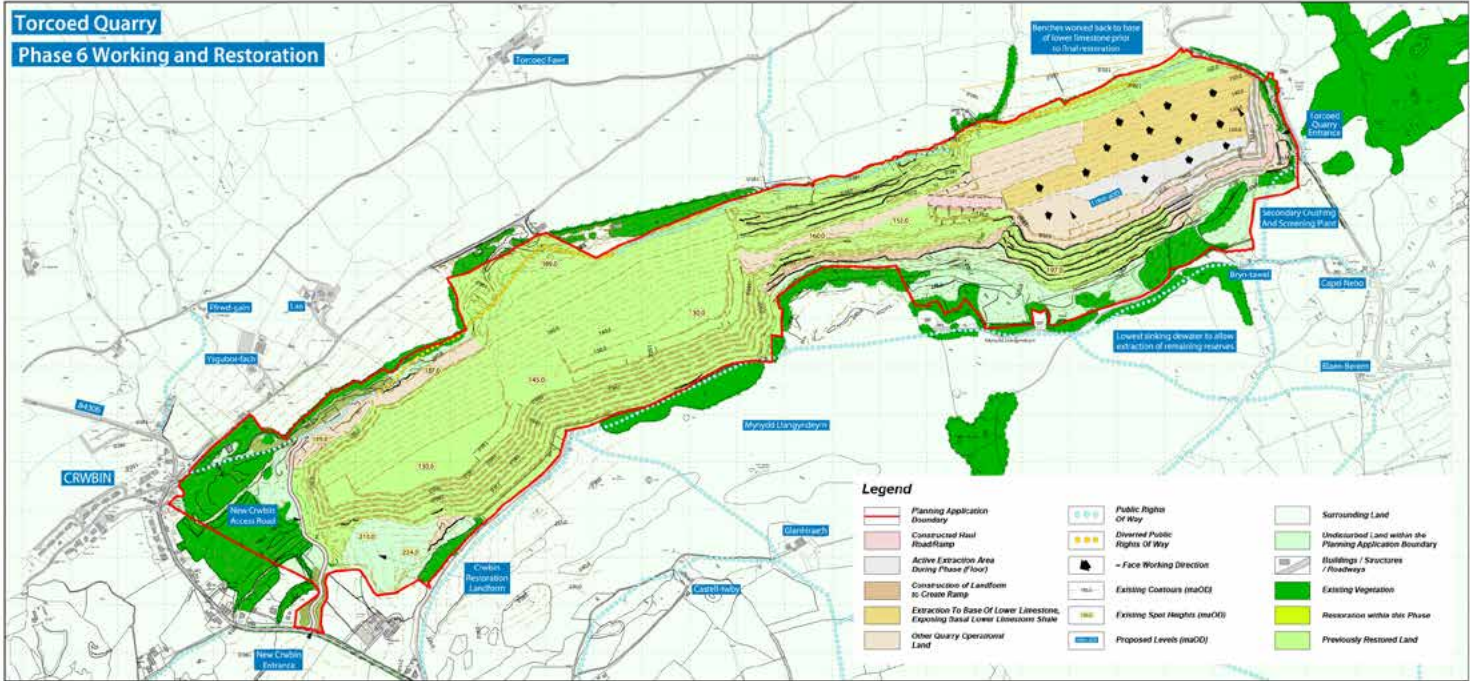
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| <ul style="list-style-type: none"> (i) Further development westwards into Crwbin Quarry utilising a three bench system to efficiently extract and restore areas of the quarry to final profiles. (ii) Development to lower the base of the western area of the Torcoed Fawr Quarry area; and achieve final bench and face positions. | <ul style="list-style-type: none"> (iii) Progressive restoration along southern and northern edge of Torcoed Fawr Quarry. (iv) Final sinking of floor of Torcoed Fawr area. (v) On-going amenity footpath, landscape and ecological management of all land within the site. |
|--|--|



Phase 5 Years 30 - 33

- | | |
|--|--|
| <p>(i) Final quarry development retreating eastwards from Crwbin through the Torcoed Fawr Quarry area.</p> | <p>(iii) Progressive removal of haul road ramps and placement of material in central Torcoed / Torcoed Fawr Quarry area as part of final restoration profiles to create a raised land area between the two quarries.</p> |
| <p>(ii) Completion of restoration re-profiling works of benches, faces and slopes along northern edge of Torcoed Fawr and Crwbin Quarry and the south western edge of Crwbin Quarry.</p> | <p>(iv) On-going amenity footpath, landscape and ecological management of all land within the site.</p> |

THE QUARRY DEVELOPMENT SCHEME (CONT'D)



Phase 6 Years 33-39

- (i)

Completion of restoration in Crwbin and Torcoed Fawr Quarry area.
- (ii)

Removal of existing processing plant at Torcoed Quarry and extraction of reserves beneath the Torcoed Quarry plant site, using temporary mobile plant.
- (i)

Final restoration works at Torcoed Quarry following completion of quarrying and removal of all plant and infrastructure.
- (ii)

On-going amenity footpath, landscape and ecological management of all land within the site.



Concept Restoration

- (i)

When mineral extraction has stopped and the quarry plant and associated activities decommissioned, the ground water within the site will be allowed to return it to natural equilibrium level.
- (ii)

The restored internal quarry landform allows for the creation of two water bodies: one in Crwbin/Torcoed Fawr Quarries and one in Torcoed Quarry. A restored land area of approximately 400 linear metres would divide the two.
- (iii)

The progressive restoration strategy would:
 - Provide a range of biodiverse habitats.
 - Create a restored landform that is locally distinctive and which positively contributes to the landscape setting and visual amenity of the Crwbin Ridge Landscape Character Area.
 - Provides varied and interesting public access right through the site connecting with the wider public access network.

RESTORATION OF THE QUARRY



Restoration of the site is important to us and we want to make sure our restoration plans build on the woodland landscape surrounding the quarry and the habitat creation that has already taken place.

The scheme makes provision for the early restoration of the historic quarry workings at Crwbin by creating a new screening landform in this area. This would act as a visual and noise barrier for properties to the south and south west. It will also provide opportunities for tree planting to provide a link between established areas of woodland to the west and east, and for the establishment of a new footpath linking existing public rights of way to the north and south of the quarry.

A restoration strategy for Torcoed and Torcoed Fawr Quarry is already in place and includes restoration treatments, woodland planting and creating habitats for nature conservation. The principles of this approved scheme would be applied to Crwbin Quarry. An 'archaeological protection area' in Crwbin Quarry would also be retained, based upon the industrial archaeological features which are present in the area.

The application will also be accompanied by an updated restoration plan for the overall site, which will reflect the principles of the currently approved schemes, but revised for consistency with the updated final quarry layout.

The restoration plan is illustrated below, and includes the same general pattern of land uses as set out on the approved schemes, but includes:

- the removal of the Torcoed Fawr / Crwbin ridge;
- additional restoration/woodland planting in the western area of Crwbin Quarry; and
- enhanced woodland planting in the central area separating the lakes which will form at the base of the worked out and restored Torcoed and Torcoed Fawr / Crwbin Quarries.

PUBLIC EXHIBITION

TORCOED, TORCOED FAWR AND CRWBIN QUARRIES

Building materials company, Tarmac, which owns Torcoed, Torcoed Fawr and Crwbin Quarries is submitting a planning application to bring the quarries together to operate as a single quarry. It will also update the restoration scheme for the quarries.

Details of the proposals will be on display at a public exhibition on:

Tuesday 15 September 2015

4.00pm until 7.30pm

***Pontyberem Hall,
Coalbrook Road,
Pontyberem,
SA15 5HU***

Members of the project team will also be available to discuss the proposals and answer questions.

If you would like any further information,
Call **0800 169 6507**.



TORCOED, TORCOED FAWR AND CRWBIN QUARRIES

**CONSULTATION AND INVITATION TO
PUBLIC DROP IN SESSION**

CHWARELI TORCOED, TORCOED FAWR A CHRWBIN

**YMGYNGHORI A GWAHODDIAD I GALW
HEIBIO Y CYHOEDD MEWN SESIWN**

**15 SEPTEMBER 2015
4.00-7.30PM
PONTYBEREM HALL,
COALBROOK ROAD,
PONTYBEREM**



TARMAC: TORCOED, TORCOED FAWR AND CRWBIN QUARRIES - CONSULTATION AND INVITATION TO PUBLIC DROP IN SESSION

TARMAC: CHWARELI TORCOED, TORCOED FAWR A CHRWBIN - YMGYNGHORIAD A GWAHODDIAD I'R CYHOEDD I SESIWN GALW HEIBIO

Dear Resident,

Tarmac is consulting on proposals for Torcoed, Torcoed Fawr and Crwbin Quarries. I wanted to make sure you knew how to take part and who to contact with questions.

We are looking to submit a planning application to bring the three quarries, including Crwbin, together to operate as a single quarry.

At present, quarrying operations are confined to the Torcoed and Torcoed Fawr area. Crwbin Quarry has been mothballed for some time but it has long been an important reserve of limestone which Tarmac intend to quarry as an extension to Torcoed Quarry when market conditions are suitable.

The objective of the planning application is to bring the existing planning permissions for operations at the three quarries together into one overall scheme, which will allow the three quarries to operate as a single unit. The application will be accompanied by a comprehensive working and restoration scheme for the overall complex.

Keeping local people informed about proposals is one of our top priorities, and we are holding a public exhibition on *Tuesday 15 September 2015 at Pontyberem Hall, Coalbrook Road, Pontyberem, SA15 5HU from 4.00pm to 7.30pm.*

At the exhibition, you will be able to find out more about our plans for the site, as well as leave your comments and put questions to the project team.

We look forward to seeing you at the exhibition. If you would like any further information you can contact us on Freephone 0800 169 6507 or email: torcoed@tarmac.com.

Yours faithfully,

Malcolm Lawer
Estates Manager

For further information please contact
0800 169 6507
or email
torcoed@tarmac.com

Tarmac, Hendy Quarry, School Road, Miskin, Pontyclun Mid, Glamorgan, CF72 8PG
TARMAC.COM

Annwyl Breswlydd,

Mae Tarmac yn ymgynghori ar gynigion ar gyfer Chwareli Torcoed, Torcoed Fawr a Chrwbin. Roeddwn i am wneud yn siŵr eich bod chi'n gwybod sut i gymryd rhan ac â phwy y dylech chi gysylltu gyda chwestiynau.

Rydym yn bwriadu cyflwyno cais cynllunio i ddod â'r tair chwarel, gan gynnwys Crwbin, ynghyd i weithredu fel un chwarel.

Ar hyn o bryd, dim ond chwareli Torcoed a Thorcoed Fawr sy'n gweithio. Mae Chwarel Crwbin wedi bod yn segur ers tipyn, ond mae ganddi gronfeydd pwysig o galchfaen ac mae Tarmac yn bwriadu eu cyrchu gan estyn Chwarel Torcoed pan fydd amodau'r farchnad yn addas.

Nod y cais cynllunio yw cyfuno'r caniatâd cynllunio presennol ar gyfer gweithrediadau'r tair chwarel yn un cynllun cyffredinol, a fydd yn galluogi'r tair chwarel i weithredu fel un uned. Bydd y cais yn cynnwys cynllun gwaith ac adfer cynhwysfawr ar gyfer y cyfleuster cyfan.

Un o'n prif flaenoriaethau yw sicrhau bod pobl leol yn cael y newyddion diweddaraf am y cynigion, felly rydym yn cynnal arddangosfa gyhoeddus *ddydd Mawrth 15 Medi 2015 yn Neuadd Pontyberem Hall, Coalbrook Road, Pontyberem, SA15 5HU rhwng 4.00pm a 7.30pm.*

Yn yr arddangosfa, bydd mwy o wybodaeth am ein cynlluniau ar gyfer y safle, a gallwch wneud sylwadau a gofyn cwestiynau i dîm y prosiect.

Edrychwn ymlaen at eich gweld chi yn yr arddangosfa. I gael mwy o wybodaeth, gallwch ffonio Rhadffôn 0800 169 6507 neu anfon e-bost i torcoed@tarmac.com

Yn gywir,

Malcolm Lawer
Rheolwr Ystadau

