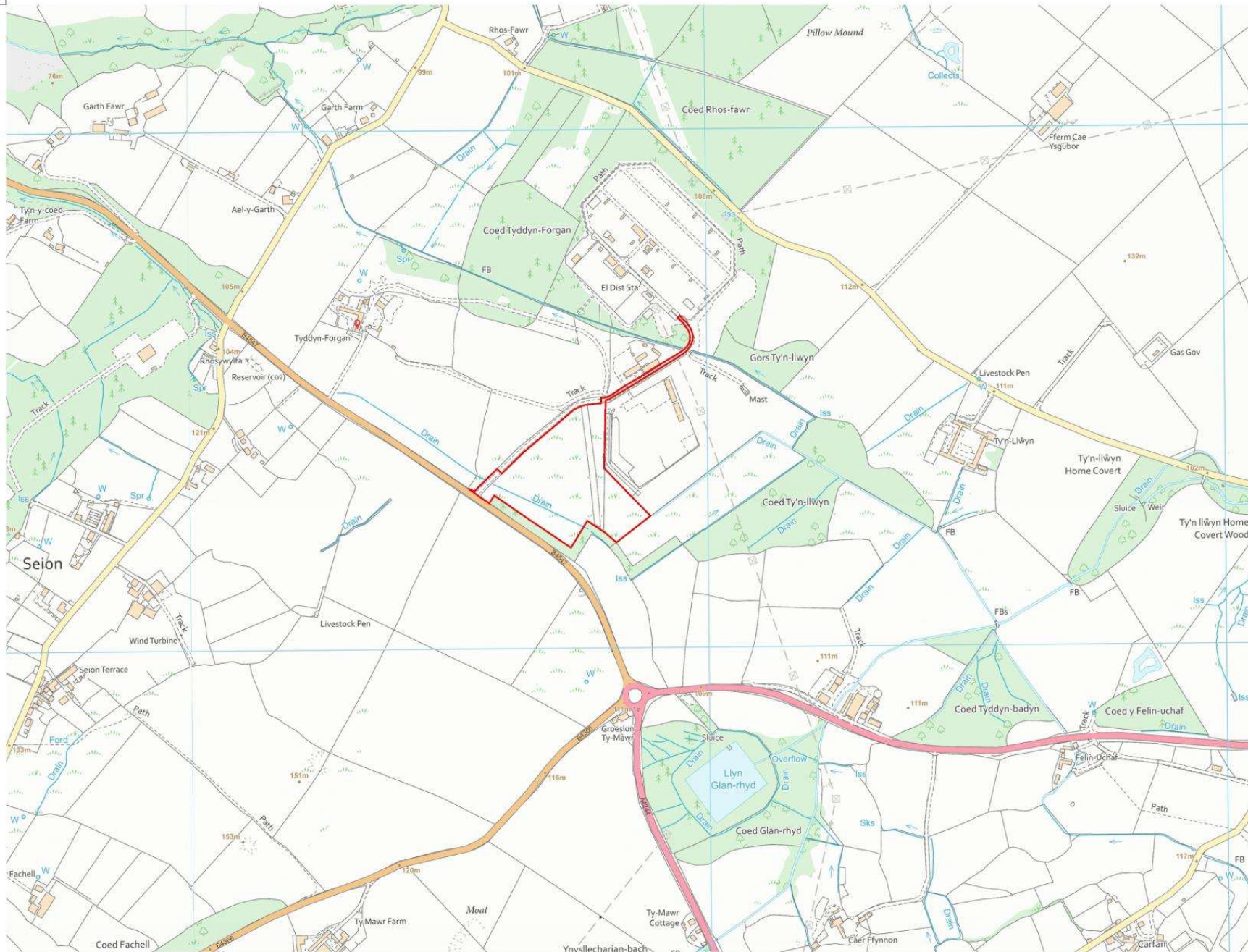




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Revisions:

Revision	Date	Revision Notes	Drawn	Impacted
01	15.01.24	Final Issue	HL	RW
02	08.01.25	Applicant Approved	JC	RW
03	16.01.25	Legal/OT/SS Approved	HL	JH
04	16.02.25	HL Adjusted	RW	JH
05	03.03.25	Right Line Boundary Adjusted	HL	JH

LEGEND:

PLANNING APPLICATION BOUNDARY

03/04/25

ADRAN CYLLUNID - CYNGOR GWYNEDD



Project: **Tyddyn Forgan ESS**
Caernarfon
LL55 3AN

Applicant: **Net Zero Twentysix Limited**

Net Zero Twentysix Ltd
Twentysix Ltd
50-52 Weymouth Street
London, EC1R 3DF
Tel: +44 (0) 207 177 5877
Mob: +44 (0) 777 091 0366

Drawn by:

CADmando
2D, 3D CAD & BIM SERVICES

CADmando Design & Drafting Solutions Ltd
Unit 60, The Courtyard, Green Drive, Twentysix Business
Park, Gwent, G85 9SD

Tel: +44 (0) 1534 650112
Mob: +44 (0) 1534 650113

Status:

PLANNING

Drawing Title:

**Tyddyn Forgan ESS
Site Location Plan**

Drawn:

HL

Checked:

RW

First Issued:
15.01.2024

Project Code:

FST016-

Drawing Number:

SP-01

Sheet Size:

A0

Scale:

1:2500

Revision:

05

Scale: 1:2500

1

TYDDYN FORGAN ESS - SITE LOCATION PLAN

Scale: 1:2500@A0

03/04/25

ADRAN CYLLUNIO - CYNGOR GWYNEDD



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Revisions:

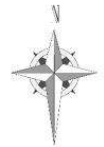
Revision	Date	Revision Notes	Drawn	Inspected
01	16.01.24	Print Issue	HL	RW
02	16.01.25	Layout / Titles Amended	HL	JH
03	14.02.25	RLS adjusted and Services added	RW	JH
04	16.02.25	RLS Adjusted	RW	JH
05	20.03.25	Red Line Boundary Updated	HL	JH

LEGEND:

WATER COURSE	
	PLANNING APPLICATION BOUNDARY
	EXISTING OHV HV CABLE
	EXISTING UHV 132 KV CABLE
	ROMAN ROAD

VEGETATION:

	EXISTING VEGETATION
--	---------------------



Project:

Tyddyn Forgan ESS
Caernarfon
LL55 3AN

Applicant:

Net Zero Twentysix Limited

Net Zero Twentysix Ltd
25, St. James Street
London, EC1N 3BT
Tel: +44 (0) 207 072377
Email: +44 (0) 7727070104

Drawn by:



CADmando Design & Drafting Solutions Ltd
Unit 12, The Courtyard, Sarnau Drive, Llanerby Road
Pwll, Gwynedd

Tel: +44 (0) 1824 820819
Mob: +44 (0) 7716408819

Status:

PLANNING

Drawing Title:

Tyddyn Forgan ESS
Existing Site Layout Plan

Drawn: HW	Checked: RW	First Issued: 15.01.2024
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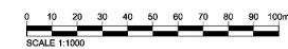
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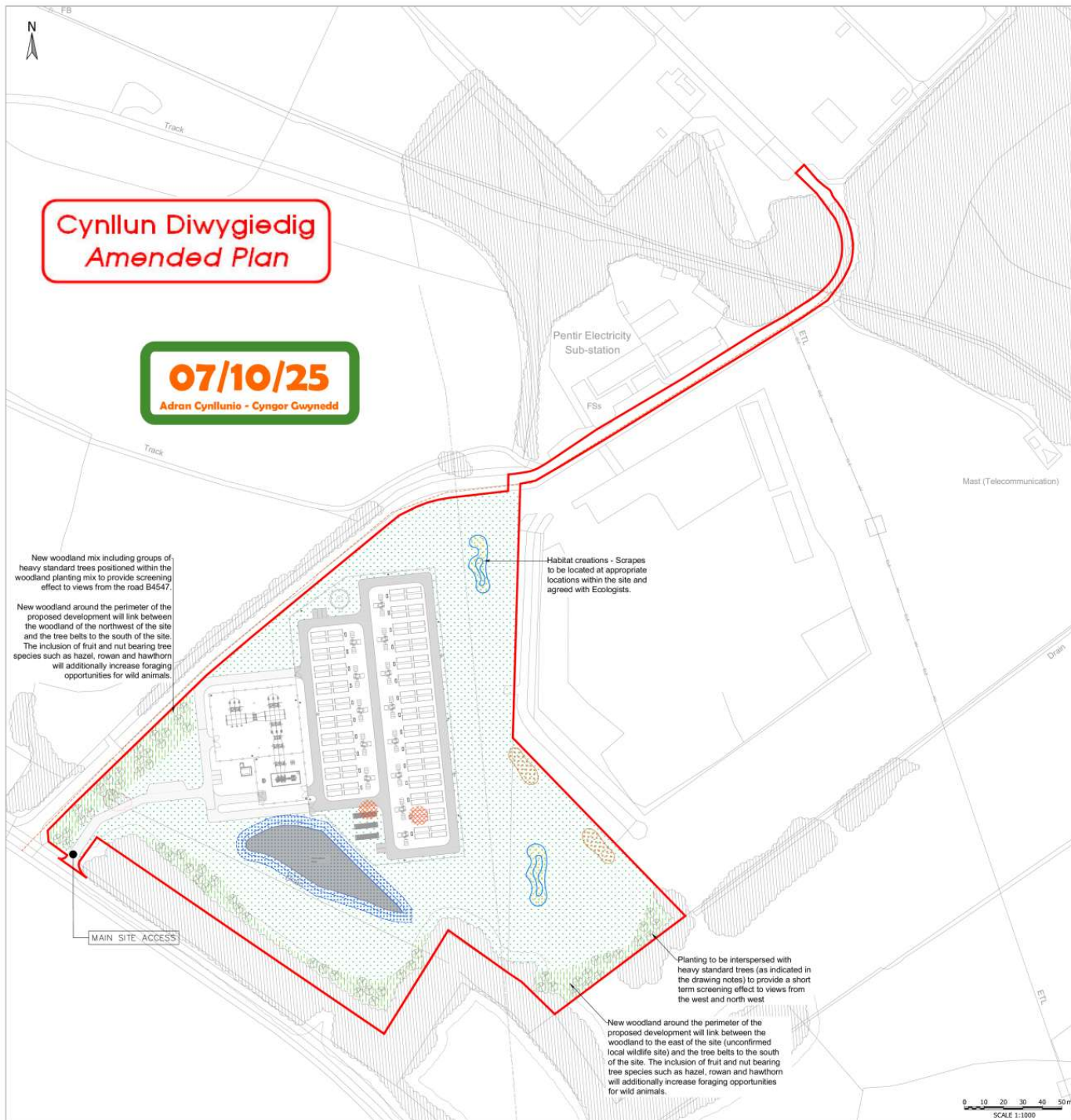
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1

TYDDYN FORGAN ESS - EXISTING SITE LAYOUT PLAN

Scale: 1:1000@A1





KEYS	
	Site boundary
	Existing trees and vegetation to be removed (Subject to Arboricultural Impact Assessment)
	Existing trees and vegetation to be retained (Subject to Arboricultural Impact Assessment)
	Proposed heavy standard trees
	Proposed native woodland edge planting
	Retained marshy grassland
	Existing habitat to be retained and supplemented with an exotic upland grassland mix, (e.g. Scotch Seeds Highland Grassland Mix or similar agreed comprising 20% wildflowers and 80% grasses) where necessary.
	SuDS basin habitat
	SuDS basin reinstated to heath/acid grassland mosaic with mesic species (i.e. cross-leaved heath and devil's bit scabious plug/seed mix) and heath/acid grassland seed mix.
	Proposed scrapes
	To be seeded with Emorsgate 'End Meadow Mixture for Wetlands'
	Proposed reptile hibernacula
	Locations of heath spotted orchids
	Within the land take area for proposed translocation

- Note
- The landscape proposals allow for the incorporation of native tree, shrub and grassland that complement and enhance the existing habitat.
 - Native woodland and shrub planting along the south west boundary, eastern boundary and western corner of the site aims to strengthen and enhance the existing woodland edge to the site, which acts as an important screening feature in the landscape and for views from the B4547 towards the site.
 - Proposed grassland will complement existing habitats and comprise of native species that is appropriate to the existing soil conditions.
 - Additional habitats, including ecological scrapes, will be included around the periphery of the site to increase and enhance biodiversity.
 - Existing habitat will be protected as far as is reasonably possible with the existing vegetation around the periphery of the site protected with tree protection fencing in accordance with BS 5837:2012
 - Where hedgerow are retained, gaps to be infilled with native tree and shrub planting
 - Heavy standard trees to be included within the proposed woodland mix to create immediate screening impact
 - Planting proposals to be reviewed following receipt of information on proposed and existing services at detailed design stage
 - The 2m working strip surrounding the development footprint will be restored to lowland heath/acid grassland mosaic once construction ceases. Soil compaction will be relieved by light harrowing and scarification, and donor veneer/brush applied in a light dressing (10-20 mm brush; 10-20 mm veneer) to avoid level discrepancies. Hand-collected seed will be broadcast at 10-15 kgs/ha immediately following donor material application, with plugs of *Calluna vulgaris*, *Erica cinerea* and *Ulex europaeus* inserted at 0.5-1 m spacing where structural planting is needed. Works will be completed in autumn (Oct-Nov) or spring (Mar-Apr).

PLANNING ISSUE

Rev	Description	Date	By	Appr	Rev
01	ISSUED FOR TENDERS	20.10.2025	VS	AP	01
02	REVISIONS TO LAYOUT	24.07.2025	VS	AP	02
03	REVISIONS TO LAYOUT	28.03.2025	VS	AP	03
04	REVISIONS TO LAYOUT	24.02.2025	VS	AP	04
05	REVISIONS TO LAYOUT	24.02.2025	VS	AP	05

Rev	Description	Date	By	Appr	Rev
01	ISSUED FOR TENDERS	20.10.2025	VS	AP	01

Issued Office
Tetra Tech Leads
3 Sovereign Square, Sovereign Street,
Leeds, United Kingdom, LS1 4ER
Tel: +44 (0)11 2278 7111
www.tetratech.co.uk



Net Zero Twenty Six

Project Name
Tyddyn Forgan

Draw Title
Landscape Strategy Plan

TTC Project Number	Drawn By	Date	Checked By	Date	Approved By	Date	Scale	Sheet #	Subtotal
000004	DC	Feb 25	MC	Feb 25	EJ	Feb 25	1:1000	1000	53
Client Project Number	Designer	Integrator	Integrator	Integrator	Integrator	Integrator	Integrator	Integrator	Integrator
-	TTE	00	ZZ	DR	L	0001	P05		

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09/10/25

Adran Cynllunio - Cyngor Gwynedd

GWYBODAETH YCHWANEGOL ADDITIONAL INFORMATION

KEY

- Site boundary
- Existing trees and vegetation to be retained
- Proposed Lowland Heathland/ Acid Grassland mosaic
- Proposed Dense Scrub
- Proposed Rough Tussocky Grassland
- Proposed Scrapes

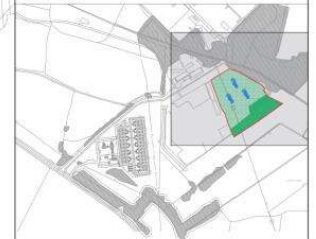
Note

- Refer to Landscape strategy plan TTE-00-ZZ-DR-L-0001-P05
- Refer to LEMP by Engain for more information on habitat creation.



0 5 10 15 20 25m
SCALE 1:500

KEY PLAN



PLANNING ISSUE

Rev	Description	Date	By	Check	Appr
01	PLANNING ISSUE	25.10.2025	VS	VS	VS

Drawn by

Tetra Tech Leads
3 Sovereign Square, Sovereign Street,
Lond, United Kingdom, LS1 4ER
Tel: +44 (0)111 3278 7111
www.tetra-tech.co.uk



Client

Net Zero Twenty Six

Project Name

Tyddyn Forgan

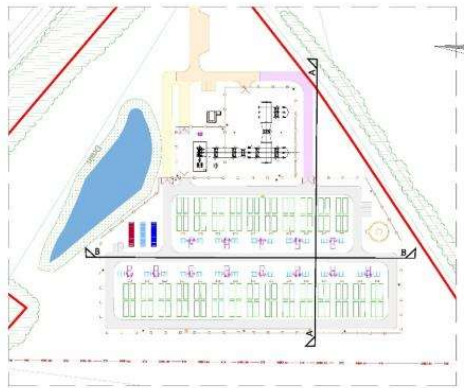
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Landscape Strategy- Compensation Site

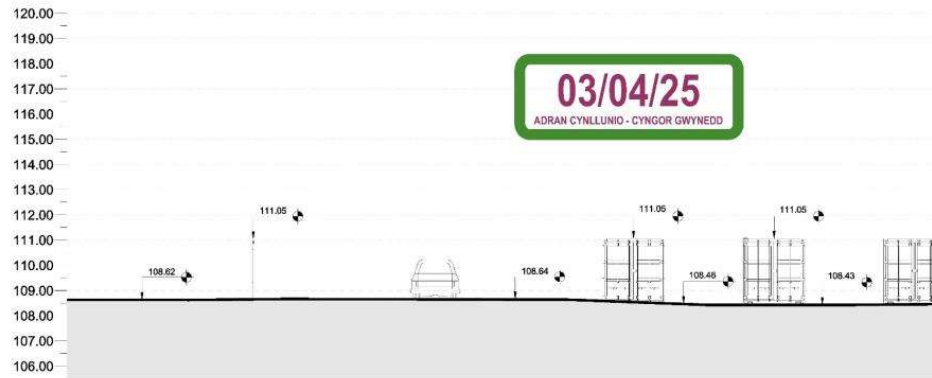
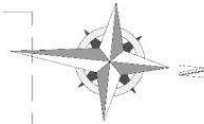
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Client Project Number	Project	Phase/Status	Location	Area	Number	Notes		
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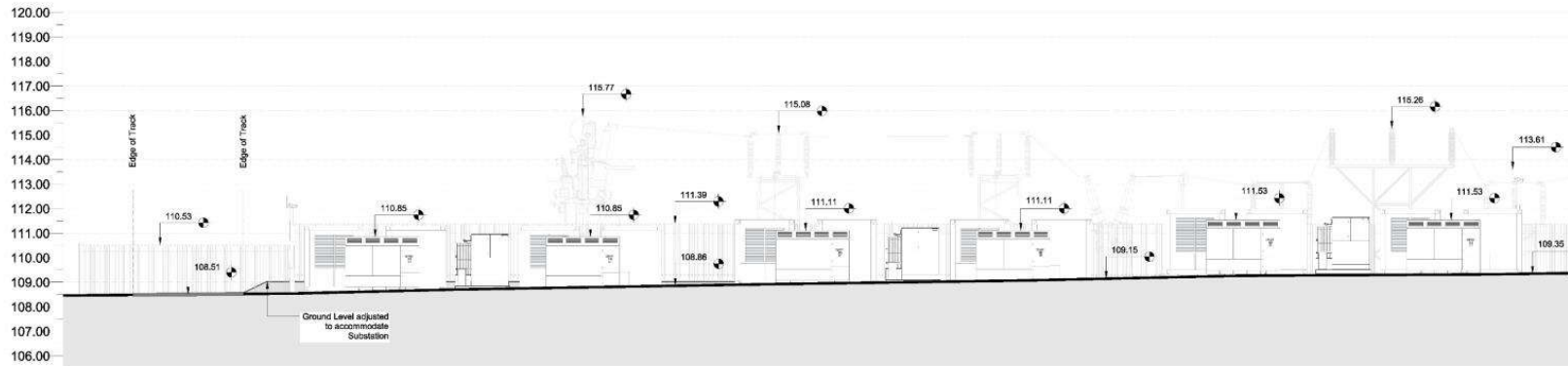
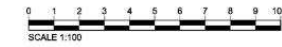
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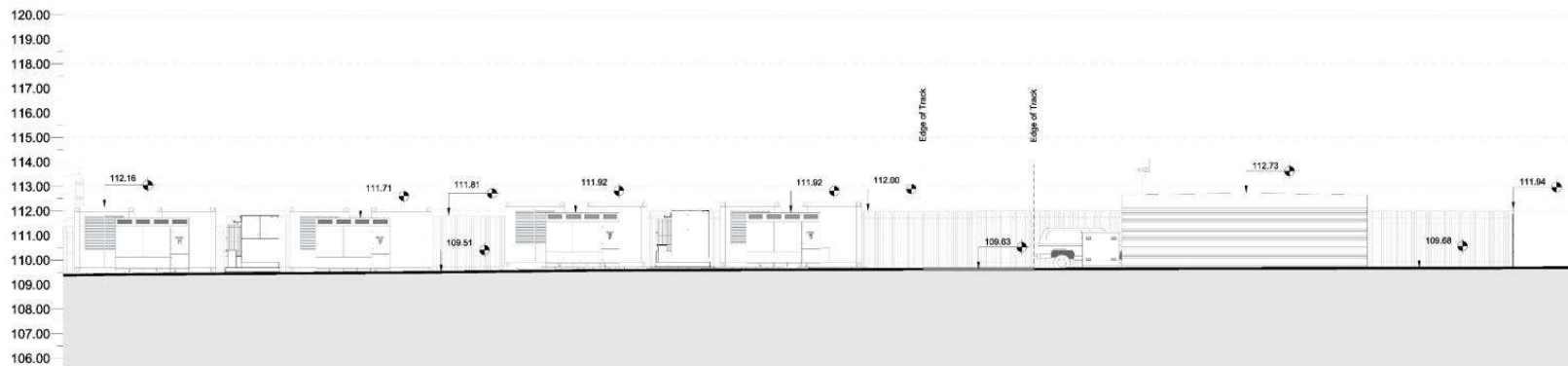
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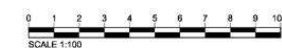
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3 SECTION B-B (Continued)
Scale: 1:100@A1



4 SECTION B-B (Continued)
Scale: 1:100@A1



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Revision	Date	Revision Notes	Drawn	Impacted
01	17.03.25	First Issue	RR	JH

LEGEND:

WATER COURSE	PLANNING APPLICATION BOUNDARY
MAINTENANCE ACCESS	SITE ACCESS
DNO ACCESS	EMERGENCY ACCESS
SECURITY FENCELINE	SECURITY FENCELINE
ELV - HV 132KV - ELV - ELV - ELV - ELV - ELV - ELV	EXISTING UG 132 KV CABLE - ELV - HV 132KV - ELV

SITE INFRASTRUCTURE:

SECURITY GATE	TWIN BKD (TX)
132KV SUBSTATION	ESS UNIT
CCTV CAMERA	SCS INVERTER
ALX TRANSFORMER	ESS INTERFACE CABINET
240,000 WATER TANK	40FT STORAGE CONTAINER
DNO CONTROL ROOM	40 FT CUSTOMER SWITCHGEAR
WATER HYDRANT	40FT WELFARE OFFICE
	SUDS POND

VEGETATION:

EXISTING VEGETATION

Project:

Tyddyn Forgan
Caernarfon
LL55 3AN

Applicant:

Net Zero Twentysix Limited

Net Zero Twentysix Ltd
20-21 The Courtyard
London, SE16 2JF
Tel: +44 (0) 20 7719 1207
Email: +44 (0) 7719 1207

Drawn by:

CADmando
S.D. CAD & BIM SERVICES

CADmando Design & Drafting Solutions Ltd
Unit B5, The Courtyard, South Street, Telford, Shropshire, UK
Tel: +44 (0) 1827 555555
Email: +44 (0) 1827 555555

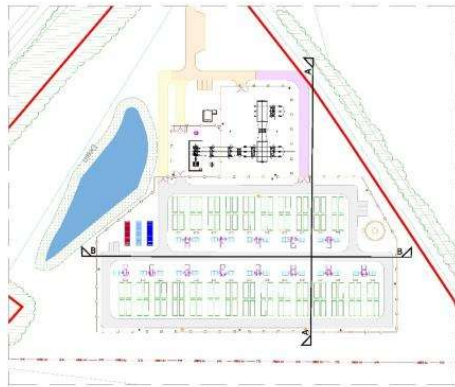
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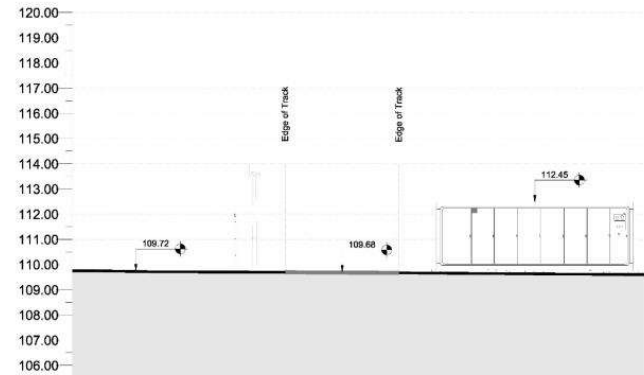
Tyddyn Forgan ESS
Contextual Elevations
(Sheet 2 of 2)

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Project Code: FST016	Drawing Number: EL-02	
Sheet Size: A1	Scale: A.N	Revision: 01

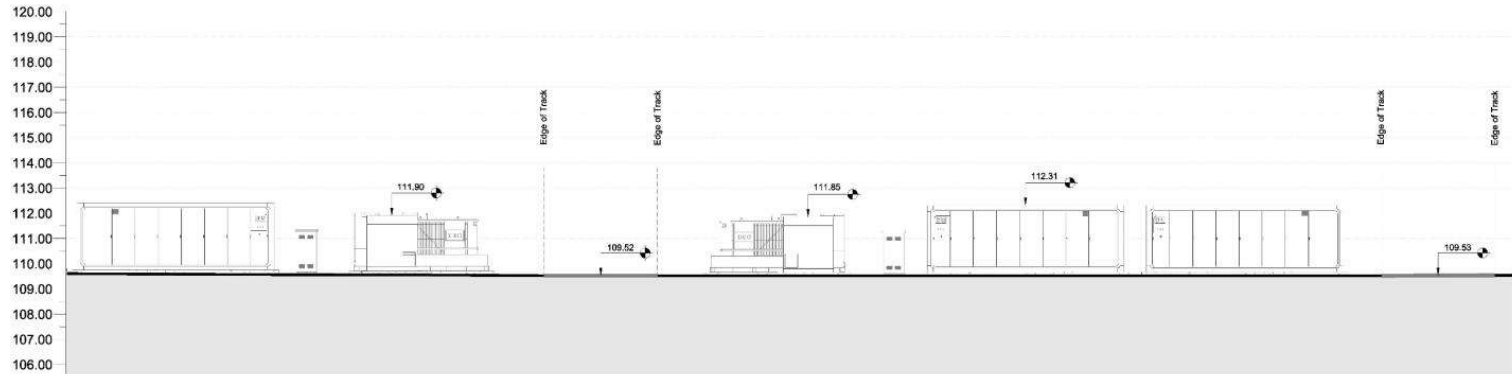


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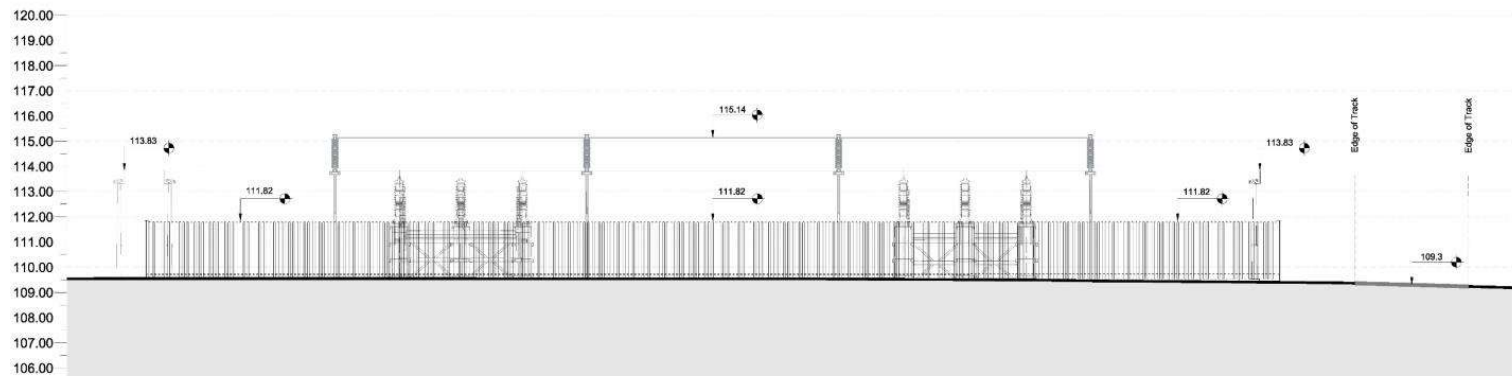
03/04/25
ADRAN CYNLLUNIO - CYNGOR GWYNEDD



2 SECTION A-A
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SCALE 1:100



3 SECTION A-A (Continued)
Scale: 1:100@A1
SCALE 1:100



4 SECTION A-A (Continued)
Scale: 1:100@A1
SCALE 1:100

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Revisions:

Revision	Date	Revision Notes	Drawn	Inspected
01	17.03.25	First Issue	RR	JH

LEGEND:

WATER COURSE	PLANNING APPLICATION BOUNDARY
MAINTENANCE ACCESS	SITE ACCESS
DNO ACCESS	EMERGENCY ACCESS
SECURITY FENCELINE	EXISTING UG 132 KV CABLE
132KV - 132KV	132KV - 132KV

SITE INFRASTRUCTURE:

SECURITY GATE	TWIN SKID (TX)
132KV SUBSTATION	ESS UNIT
CCTV CAMERA	SCS INVERTER
ALX TRANSFORMER	ESS INTERFACE CABINET
240,000 WATER TANK	40FT STORAGE CONTAINER
DNO CONTROL ROOM	40 FT CUSTOMER SWITCHGEAR
WATER HYDRANT	40FT WELFARE OFFICE
SUDS POND	

VEGETATION:

EXISTING VEGETATION

Project:

Tyddyn Forgan
Caernarfon
LL55 3AN

Applicant:

Net Zero Twenty-six Limited

Net Zero Twenty-six Limited
20-21 Kingsway House
London, SE1 1AF
Tel: +44 (0) 20 7711 1217
Email: +44 (0) 7733 923384

Drawn by:

CADmando
S.D. CAD & BIM SERVICES

CADmando Design & Drafting Solutions Ltd
Unit 10, The Courtyard, Gwynedd Industrial Estate
Porthmadog, LL57 6JG
Tel: +44 (0) 1492 520011
Email: +44 (0) 7711 121217

Status:

PLANNING

Drawing Title:

Tyddyn Forgan ESS
Contextual Elevations
(Sheet 1 of 2)

Drawn: RR	Checked: JH	First Issued: 06.03.2025
Project Code: FST016	Drawing Number: EL-01	
Sheet Size: A1	Scale: A.N	Revision: 01



Photomontage - Year 0 (90° cylindrical)

View flat at a comfortable arm's length

Viewpoint information:
OS reference: E255642 N367291
Ground level: 198.9m AOD
Direction of view: 95°
Distance to site: 9m

Horizontal field of view: 90° (cylindrical projection)
Vertical field of view: 27°
Principal distance: 812.5mm
Paper size: 840 x 297mm (extended A3)
Correct printed image size: 820 x 290mm

Camera: EOS 5D Mk III
Lens: 50mm (Canon EF 50mm f/1.8 II)
Camera height: 1.5m AGL
Date and time: 29/01/2025 13:42

DRAFT

UNREVIEWED DRAFT PAGE

Tetra Tech Control
Energy Storage, Environmental Change, Control
154-8860000
Fax: +44 20 3902 9900
www.tetra-tech.com

Rev	Issued	By	Check	Reviewed	Date
1	154-8860000	10	10	10	10

Tyddyn Forgan
Energy Storage System

Visualisations (LA11-1.3):
Viewpoint 01 - view east from B4547
opposite entrance to Pentir Substation

Page size:
Extended A3 page
840 x 297mm

Net Zero
Twenty Six

TETRA TECH



