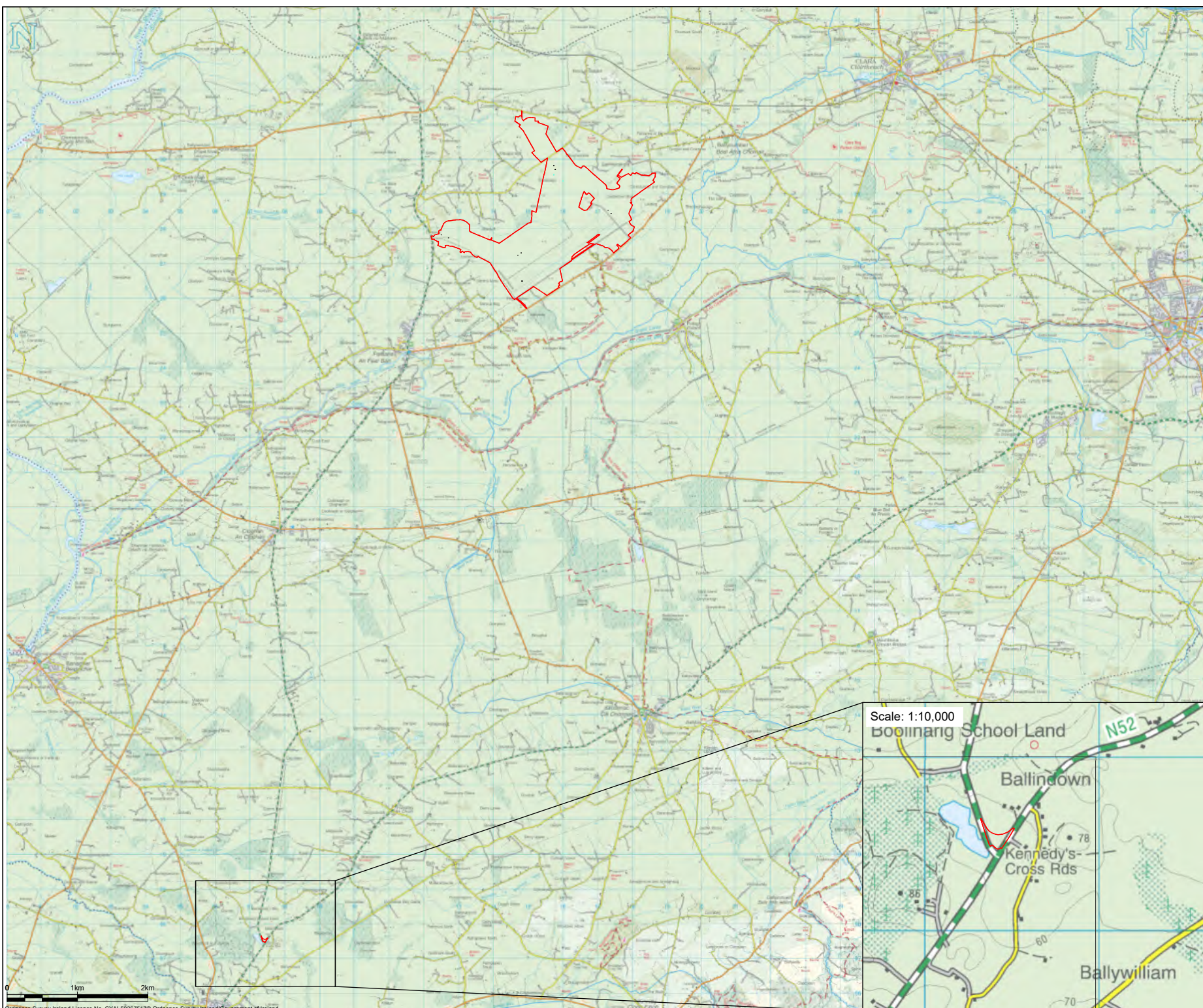




## **APPENDIX 4-1**

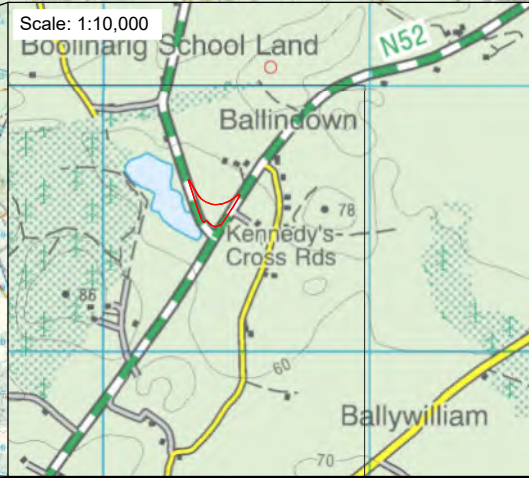
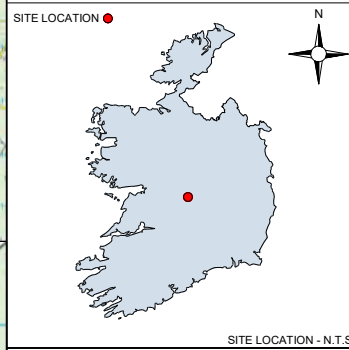
### **SITE LAYOUT PLANNING DRAWINGS**



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  7. Layout plans show typical Turbine rotor diameter as per turbine drawing.
  8. Final levels may vary depending on local ground conditions.

**Drawing Legend**

— Planning Application Boundary






































PROJECT TITLE: <b>Lemanaghan Wind Farm, Co. Offaly</b>		
DRAWING TITLE: <b>Regional Context Map</b>		
PROJECT No.: <b>200804</b>	DRAWING No.: <b>200804 - 01</b>	SCALE: <b>1:50,000 @ A3</b>
DRAWN BY: <b>GO</b>	CHECKED BY: <b>RD</b>	DATE: <b>23.03.2026</b>
OS SHEET No.:		REVISION: <b>P01</b>
2222, 2220, 2022, 2020		



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**Drawing Legend**

-  Planning Application Boundary
-  Existing Road to be Upgraded
-  Proposed Road
-  Proposed Upgrades to Existing Roads for Amenity Track
-  Proposed New Amenity Track
-  Existing Historical Pathway
-  Wheelwash
-  Gate
-  Security Hut
-  Met Mast
-  Passing Bay
-  Peat Deposition Area
-  Proposed Steel Mast
-  Existing Steel Mast
-  Proposed OHL
-  Existing OHL
-  Proposed Temporary Access Track
-  Watercourse Crossing
-  Soft Levelled Area
-  Hardstand
-  Turbine Foundation
-  Turbine Sweep Area
-  Borrow Pit
-  Ornithological Enhancement and Mitigation
-  Linear Replanting
-  Ecological Enhancement
-  Construction & Turbine delivery main entrance
-  Extension of Underpass to be installed
-  Watercourses
-  Electrical Cable Trench Type 01  
*Total Distance 6261m*
-  Electrical Cable Trench Type 02  
*Total Distance 3625m*
-  Electrical Cable Trench Type 03  
*Total Distance 3422m*
-  Temporary Works Area
-  Proposed Floated Road over Archaeological Feature
-  Predator Proof Fencing



PROJECT TITLE:  
**Lemanaghan Wind Farm, Co. Offaly**

DRAWING TITLE:  
**Site Layout Key Plan (1:2,500) Sheet A**

PROJECT No.:	DRAWING No.:	SCALE:
200804	200804 - 03	1:15,000 @ A1

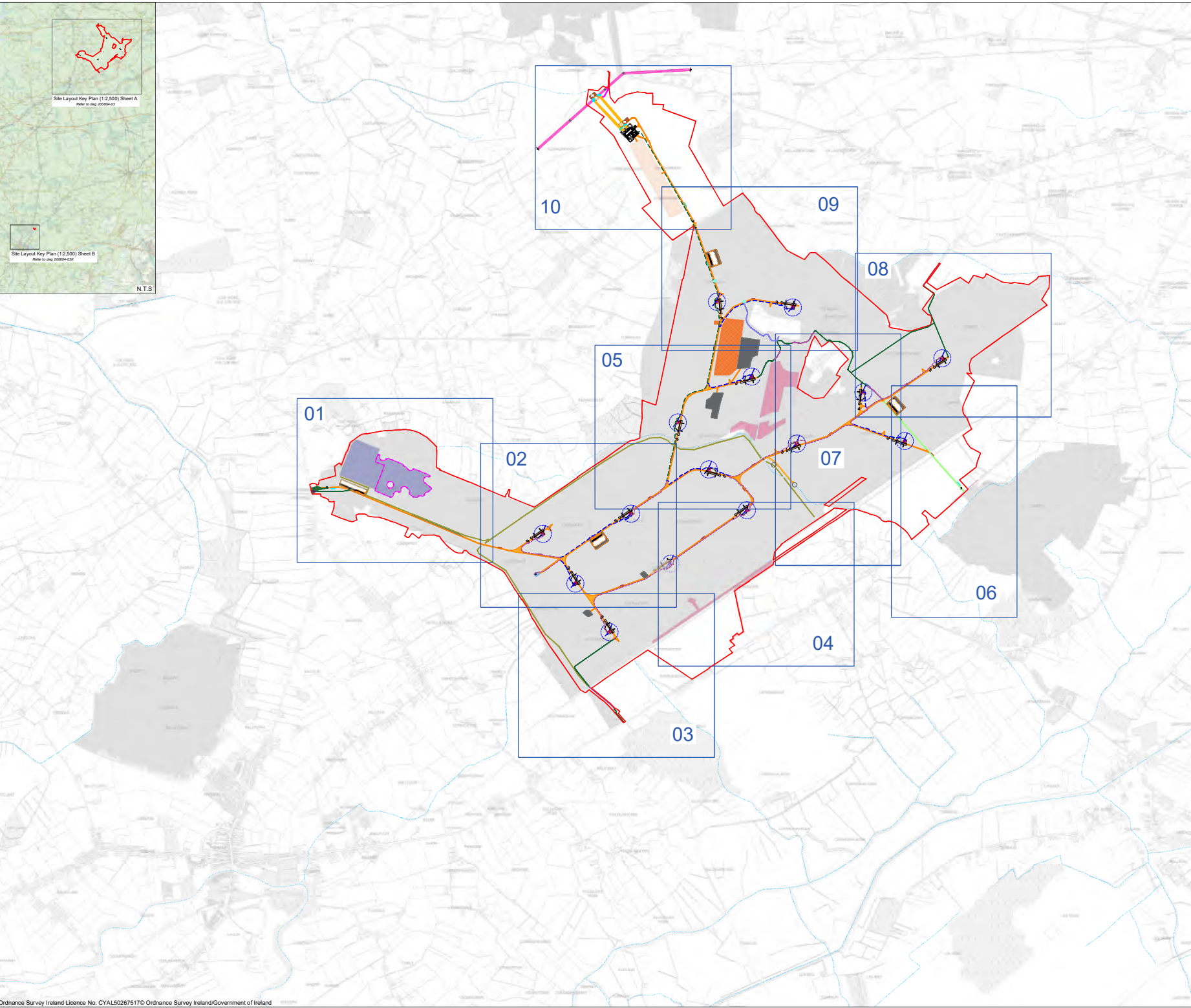
DRAWN BY:	CHECKED BY:	DATE:	REVISION:
GO	RD	24.03.2026	P01

OS SHEET No.:




































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**Drawing Legend**

-  Planning Application Boundary
-  Existing Road to be Upgraded
-  Proposed Road
-  Proposed Upgrades to Existing Roads for Amenity Track
-  Proposed New Amenity Track
-  Existing Historical Pathway
-  Wheelwash
-  Gate
-  Security Hut
-  Met Mast
-  Passing Bay
-  Peat Deposition Area
-  Proposed Steel Mast
-  Existing Steel Mast
-  Proposed OHL
-  Existing OHL
-  Proposed Temporary Access Track
-  Watercourse Crossing
-  Soft Levelled Area
-  Hardstand
-  Turbine Foundation
-  Turbine Sweep Area
-  Borrow Pit
-  Ornithological Enhancement and Mitigation
-  Linear Replanting
-  Ecological Enhancement
-  Construction & Turbine delivery main entrance
-  Extension of Underpass to be installed
-  Watercourses
-  Electrical Cable Trench Type 01  
Total Distance 6261m
-  Electrical Cable Trench Type 02  
Total Distance 3625m
-  Electrical Cable Trench Type 03  
Total Distance 3422m
-  Temporary Works Area
-  Proposed Floated Road over Archaeological Feature
-  Predator Proof Fencing



PROJECT TITLE:  
**Lemanaghan Wind Farm, Co. Offaly**

DRAWING TITLE:  
**Site Layout Key Plan (1:5,000) Sheet A**

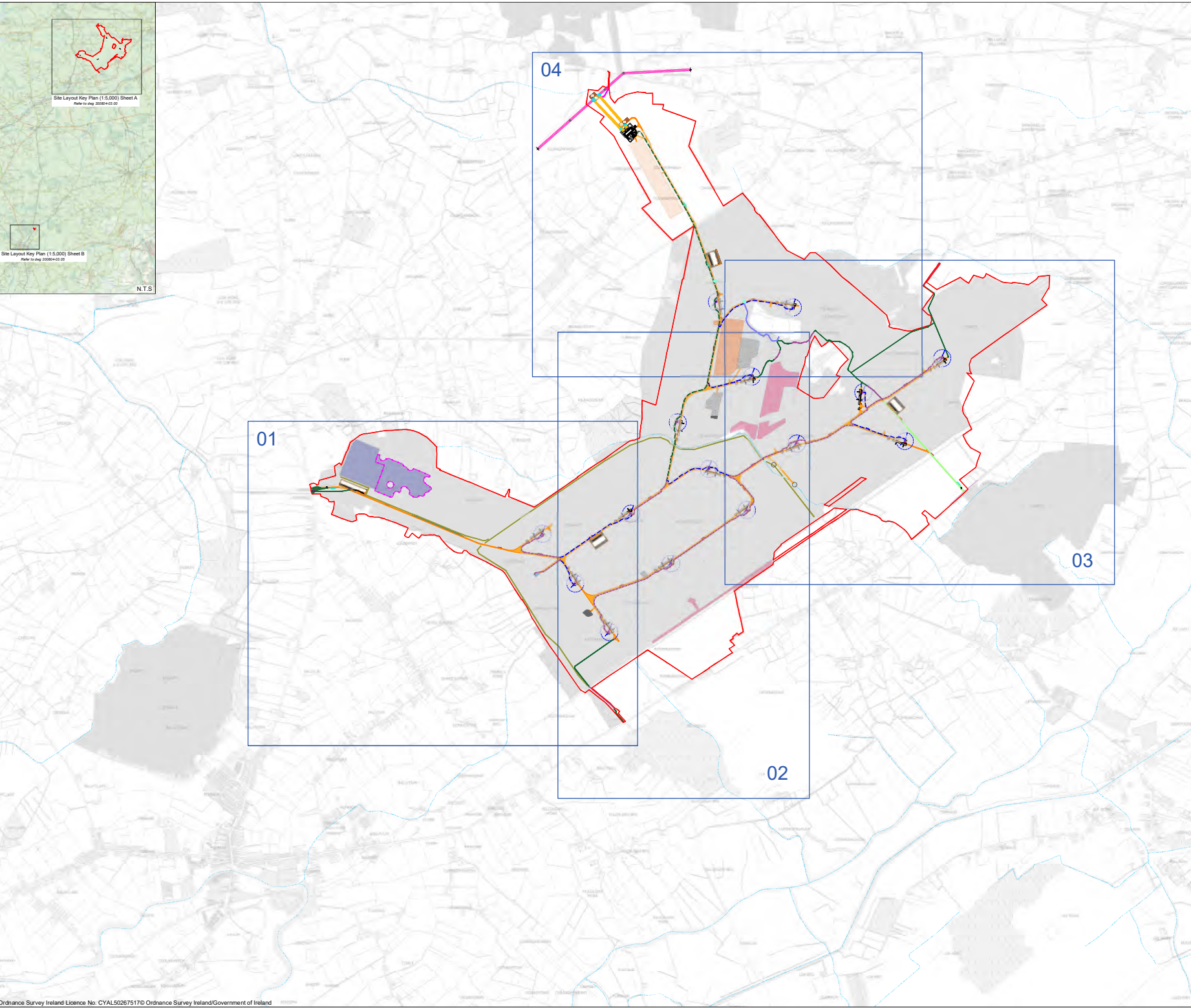
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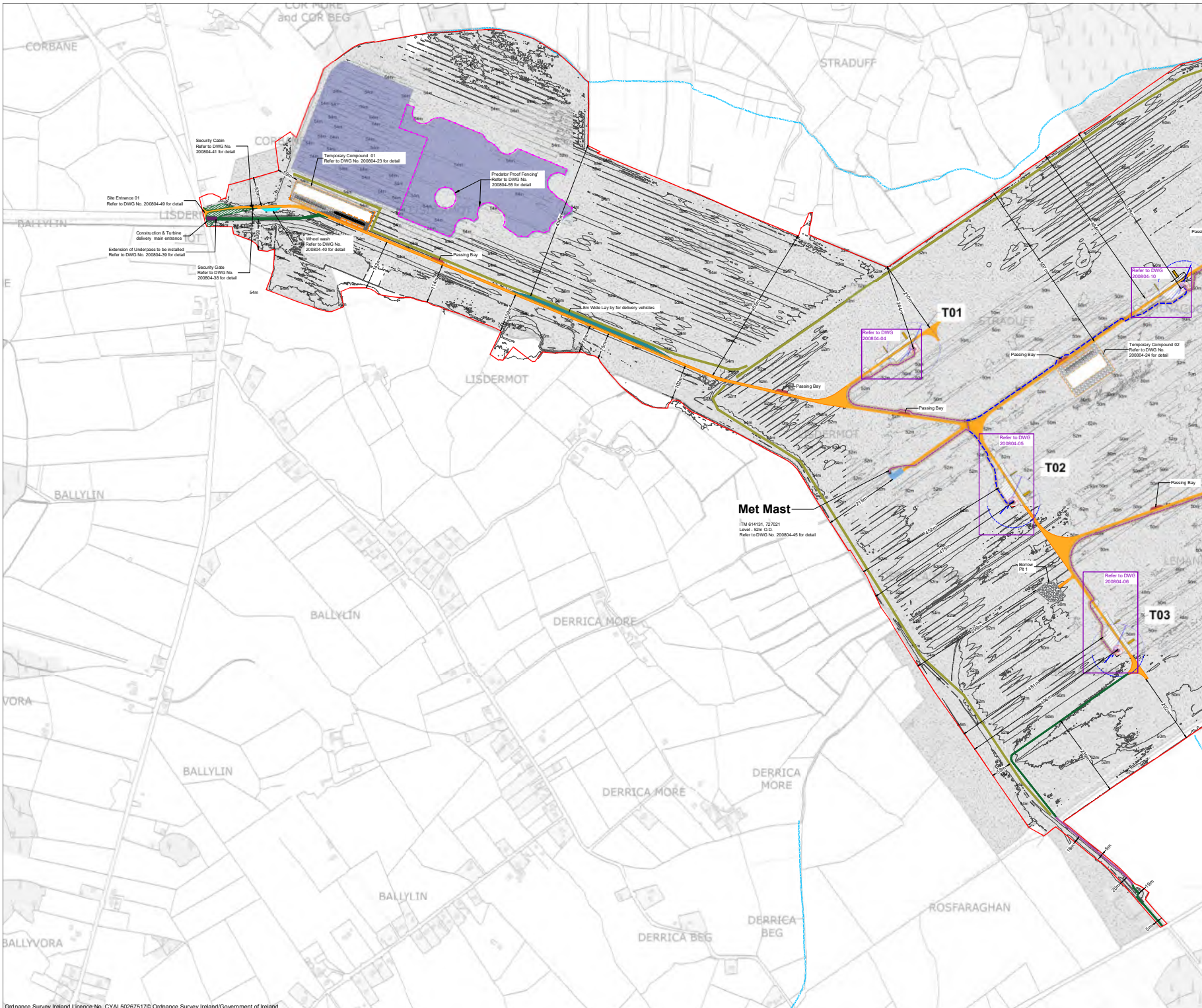
DRAWN BY: <b>GO</b>	CHECKED BY: <b>RD</b>	DATE: <b>24.03.2026</b>	REVISION: <b>P01</b>
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  7. Layout plans show typical Turbine rotor diameter as per turbine drawing.
  8. Final levels may vary depending on local ground conditions.

- Drawing Legend**
- Planning Application Boundary
  - Proposed Road
  - Proposed Upgrades to Existing Roads for Amenity Track
  - Proposed New Amenity Track
  - Wheelwash
  - Gate
  - Security Hut
  - Passing Bay
  - Ornithological Enhancement and Mitigation
  - Linear Replanting
  - Construction & Turbine delivery main entrance
  - Extension of Underpass to be installed
  - Watercourses
  - Met Mast
  - Soft Levelled Area
  - Hardstand
  - Turbine Foundation
  - Turbine Sweep Area
  - Borrow Pit
  - Electrical Cable Trench Type 01  
Total Distance 6261m
  - Electrical Cable Trench Type 02  
Total Distance 3525m
  - Temporary Works Area
  - Predator Proof Fencing



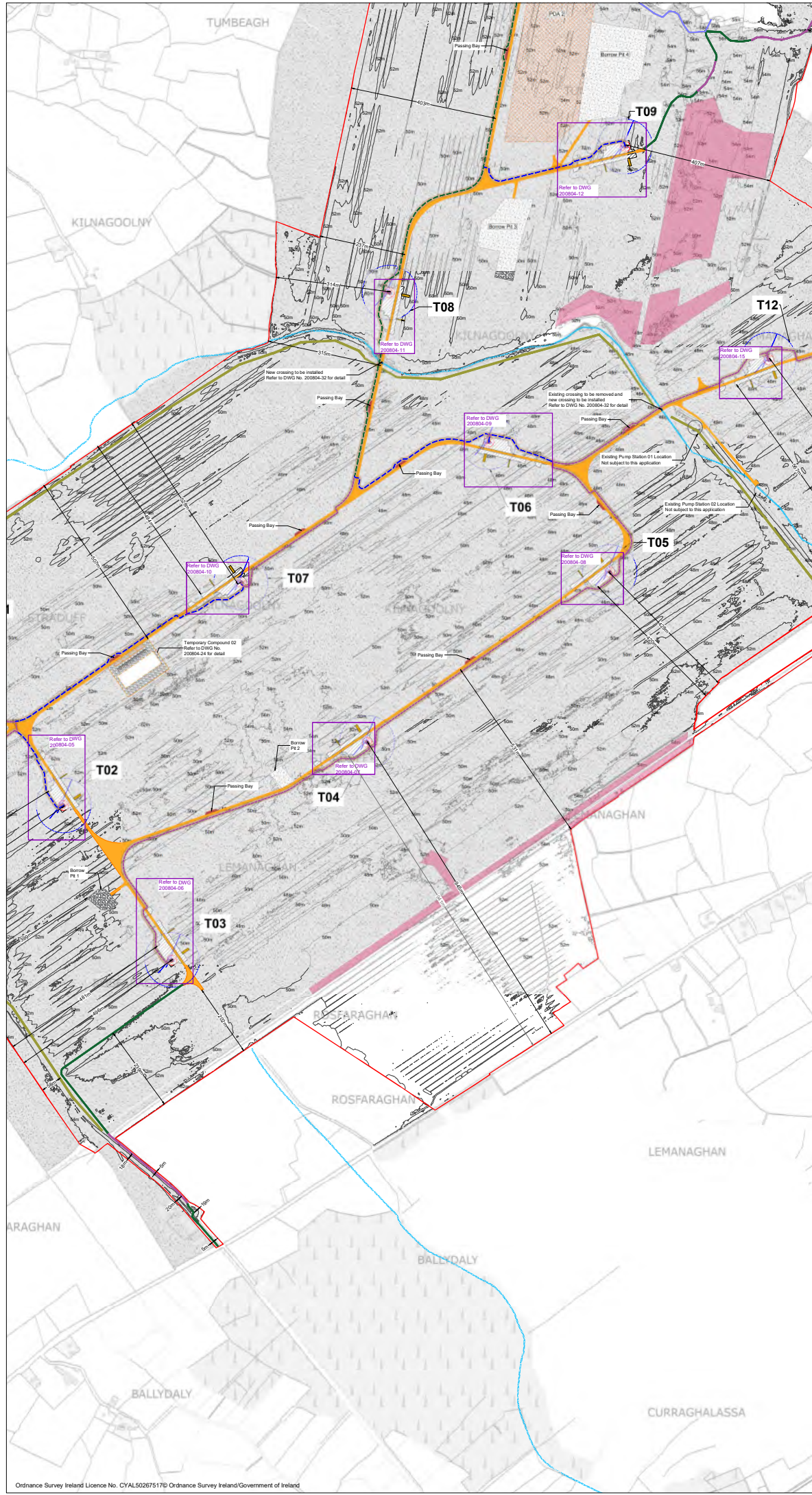
PROJECT TITLE:  
**Lemnaghan Wind Farm, Co. Offaly**

DRAWING TITLE:  
**Site Layout Plan Sheet 01 of 04 (1:5,000)**

PROJECT No.:	DRAWING No.:	SCALE:
200804	200804 - 03.01	1:5,000 @ A1
DRAWN BY:	CHECKED BY:	DATE:
GO	RD	23.03.2026
REVISION:		
P01		
OS SHEET No.:		
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  7. Layout plans show typical Turbine rotor diameter as per turbine drawing.
  8. Final levels may vary depending on local ground conditions.

- Drawing Legend**
- Planning Application Boundary
  - Proposed Road
  - Proposed Upgrades to Existing Roads for Amenity Track
  - Proposed New Amenity Track
  - Existing Historical Pathway
  - Wheelwash
  - Gate
  - Security Hut
  - Passing Bay
  - Linear Replanting
  - Watercourse Crossing
  - Watercourses
  - Soft Levelled Area
  - Hardstand
  - Turbine Foundation
  - Turbine Sweep Area
  - Borrow Pit
  - Electrical Cable Trench Type 01  
Total Distance 6261m
  - Electrical Cable Trench Type 02  
Total Distance 3525m
  - Electrical Cable Trench Type 03  
Total Distance 3422m
  - Ecological Enhancement
  - Peat Deposition Area
  - Temporary Works Area



PROJECT TITLE:  
**Lemnaghan Wind Farm, Co. Offaly**

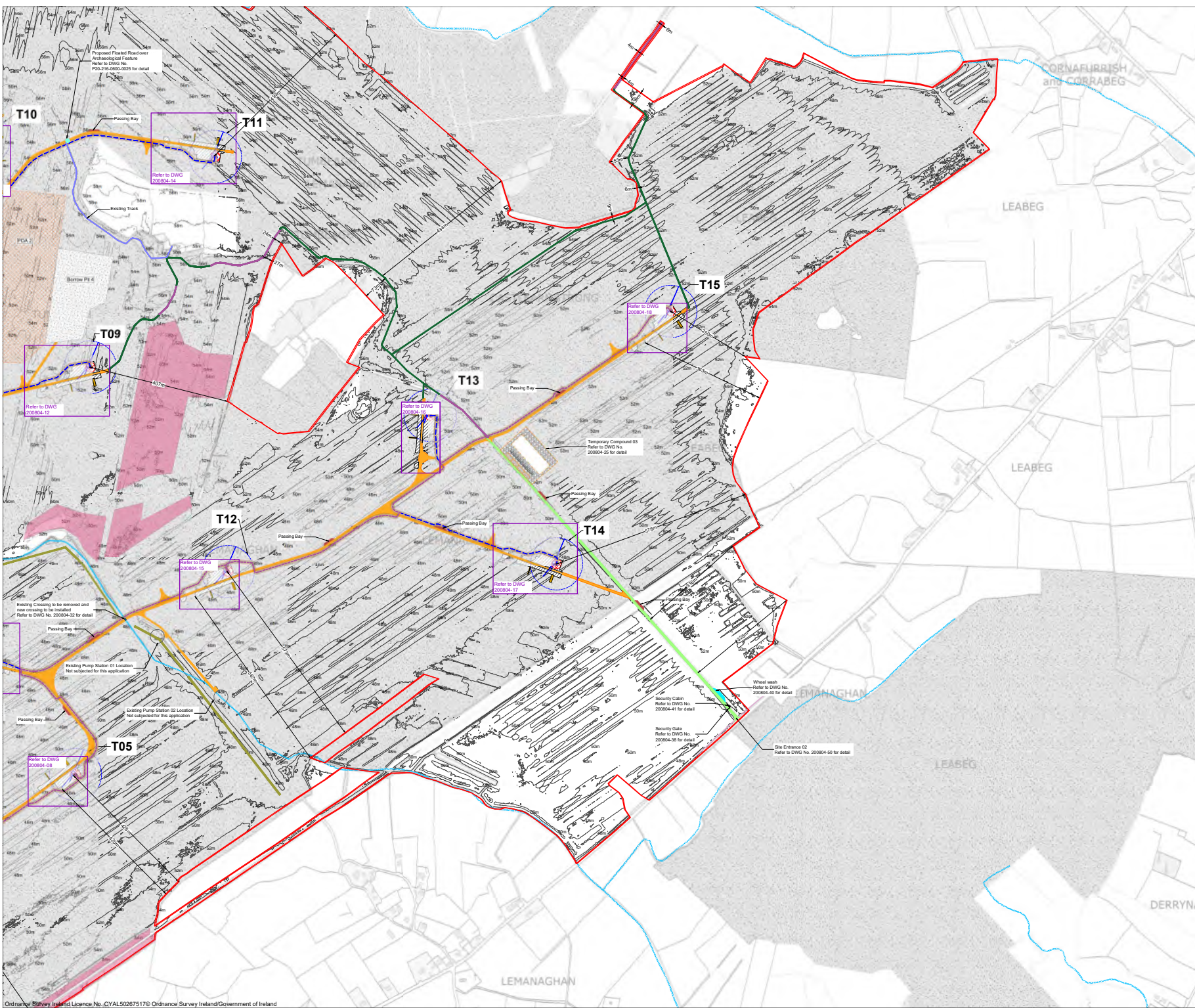
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**Site Layout Plan Sheet 02 of 04 (1:5,000)**

PROJECT No.: <b>200804</b>	DRAWING No.: <b>200804 - 03.02</b>	SCALE: <b>1:5,000 @ A1</b>
DRAWN BY: <b>GO</b>	CHECKED BY: <b>RD</b>	DATE: <b>23.03.2026</b>
		REVISION: <b>P01</b>

OS SHEET No.:  
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  7. Layout plans show typical Turbine rotor diameter as per turbine drawing.
  8. Final levels may vary depending on local ground conditions.

**Drawing Legend**

- Planning Application Boundary
- Existing Road to be Upgraded
- Proposed Road
- Proposed Upgrades to Existing Roads for Amenity Track
- Proposed New Amenity Track
- Existing Historical Pathway
- Wheelwash
- Gate
- Security Hut
- Passing Bay
- Linear Replanting
- Watercourse Crossing
- Watercourses
- Soft Levelled Area
- Hardstand
- Turbine Foundation
- Turbine Sweep Area
- Borrow Pit
- Electrical Cable Trench Type 01  
Total Distance 6261m
- Electrical Cable Trench Type 02  
Total Distance 3525m
- Ecological Enhancement
- Peat Deposition Area
- Proposed Floated Road over Archaeological Feature
- Temporary Works Area

PROJECT TITLE:  
**Lemanaghan Wind Farm, Co. Offaly**

DRAWING TITLE:  
**Site Layout Plan Sheet 03 of 04 (1:5,000)**

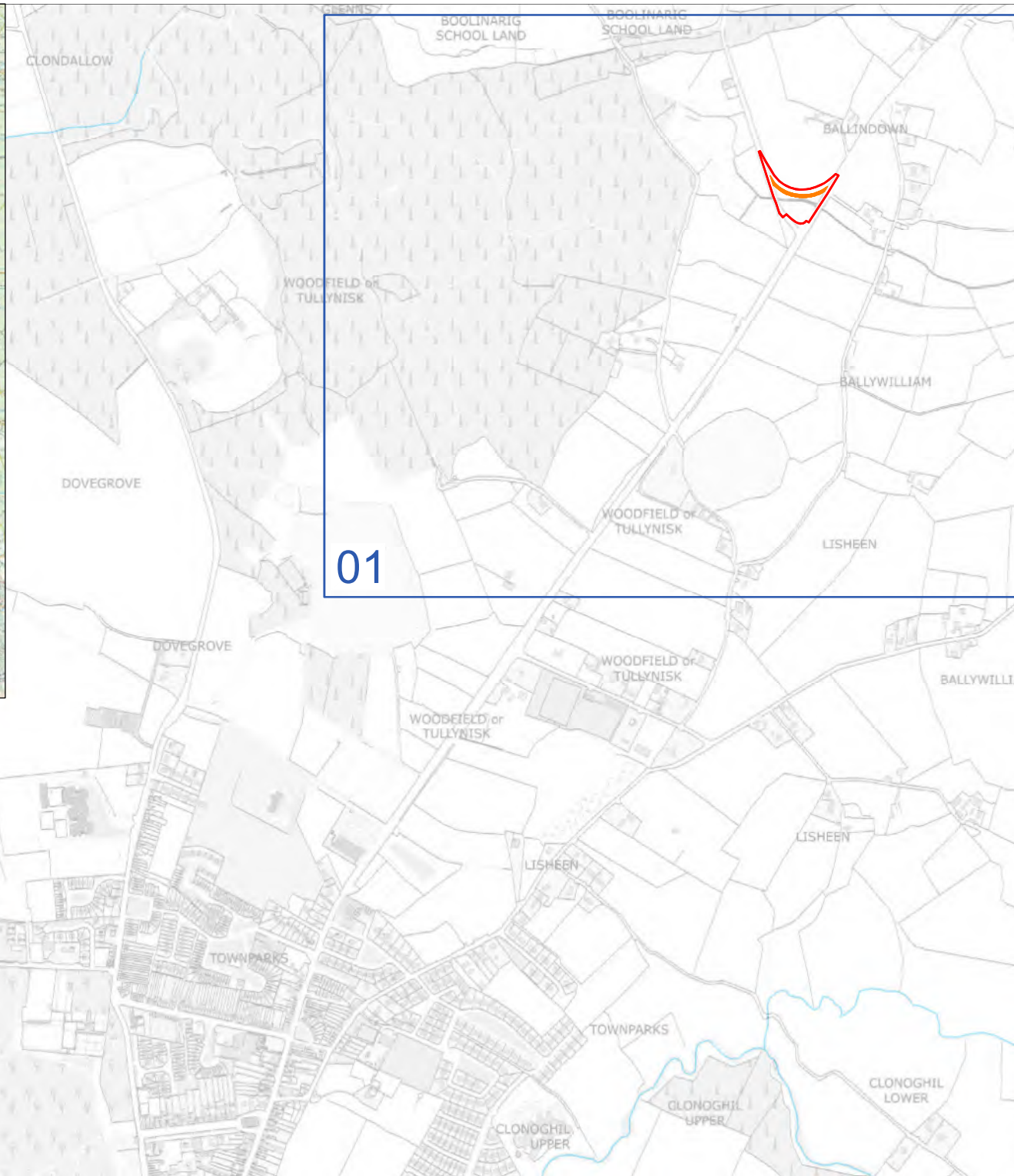
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DRAWN BY: <b>GO</b>	CHECKED BY: <b>RD</b>	DATE: <b>23.03.2026</b>
		REVISION: <b>D04</b>

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### Drawing Legend

- Planning Application Boundary
- Proposed Road



PROJECT TITLE:  
**Lemanaghan Wind Farm, Co. Offaly**

DRAWING TITLE:  
**Site Layout Key Plan (1:5,000) Sheet B**

PROJECT No.: <b>200804</b>	DRAWING No.: <b>200804 - 03.05</b>	SCALE: <b>1:10,000 @ A3</b>
DRAWN BY: <b>GO</b>	CHECKED BY: <b>RD</b>	DATE: <b>23.03.2026</b>
		REVISION: <b>D04</b>

OS SHEET No.:  
3759



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**Drawing Legend**

- Planning Application Boundary
- Proposed Road



PROJECT TITLE:		
<b>Lemanaghan Wind Farm, Co. Offaly</b>		
DRAWING TITLE:		
<b>Site Layout Plan Sheet 01 of 01 (1:5,000)</b>		
PROJECT No.:	DRAWING No.:	SCALE:
<b>200804</b>	<b>200804 - 03.06</b>	<b>1:5,000 @ A3</b>
DRAWN BY:	CHECKED BY:	DATE:
<b>GO</b>	<b>RD</b>	<b>23.03.2026</b>
OS SHEET No.:		REVISION:
3759		<b>D04</b>



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  7. Layout plans show typical Turbine rotor diameter as per turbine drawing.
  8. Final levels may vary depending on local ground conditions.

- Drawing Legend**
- Planning Application Boundary
  - Proposed Road
  - Proposed New Amenity Track
  - Wheelwash
  - Gate
  - Security Hut
  - Passing Bay
  - Ornithological Enhancement and Mitigation
  - Linear Replanting
  - Construction & Turbine delivery main entrance
  - Extension of Underpass to be installed
  - Watercourses
  - Predator Proof Fencing

Site Entrance 01  
Refer to DWG No. 200804-43 for detail

Construction & Turbine delivery main entrance  
Refer to DWG No. 200804-38 for detail

Extension of Underpass to be installed  
Refer to DWG No. 200804-38 for detail

Security Cabin  
Refer to DWG No. 200804-41 for detail

Security Gate  
Refer to DWG No. 200804-38 for detail

Temporary Compound 01  
Refer to DWG No. 200804-23 for detail

Predator Proof Fencing  
Refer to DWG No. 200804-55 for detail

Wheel wash  
Refer to DWG No. 200804-40 for detail

5m Wide Lay by for delivery vehicles

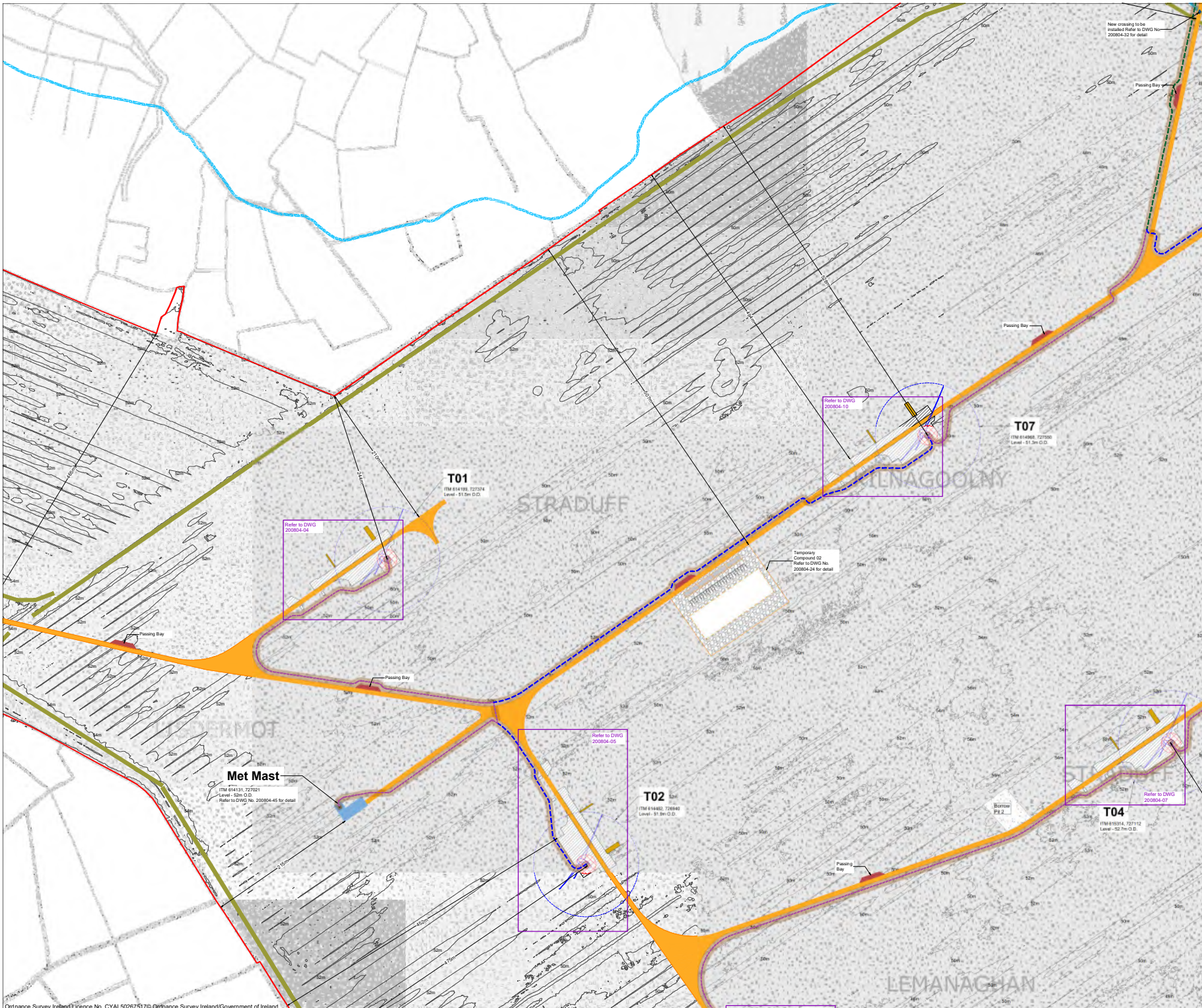
PROJECT TITLE:  
**Lemanaghan Wind Farm, Co. Offaly**

DRAWING TITLE:  
**Site Layout Plan Sheet 01 of 10 (1:2,500)**

PROJECT No.: <b>200804</b>	DRAWING No.: <b>200804 - 03A</b>	SCALE: <b>1:2,500 @ A1</b>
DRAWN BY: <b>GO</b>	CHECKED BY: <b>RD</b>	DATE: <b>23.03.2026</b>
		REVISION: <b>P01</b>
OS SHEET No.: 3302, 3303, 3304, 3365, 3366, 3367, 3428, 3429, 3430		



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  7. Layout plans show typical Turbine rotor diameter as per turbine drawing.
  8. Final levels may vary depending on local ground conditions.

**Drawing Legend**

- Planning Application Boundary
- Proposed Road
- Met Mast
- ▭ Passing Bay
- Linear Replanting
- ◆ Watercourse Crossing
- ▭ Soft Levelled Area
- ▨ Hardstand
- Turbine Foundation
- Turbine Sweep Area
- ▭ Borrow Pit
- Watercourses
- Electrical Cable Trench Type 01  
Total Distance 6261m
- Electrical Cable Trench Type 02  
Total Distance 3525m
- Electrical Cable Trench Type 03  
Total Distance 3422m
- ▭ Temporary Works Area



**PROJECT TITLE:**  
Lemnaghan Wind Farm, Co. Offaly

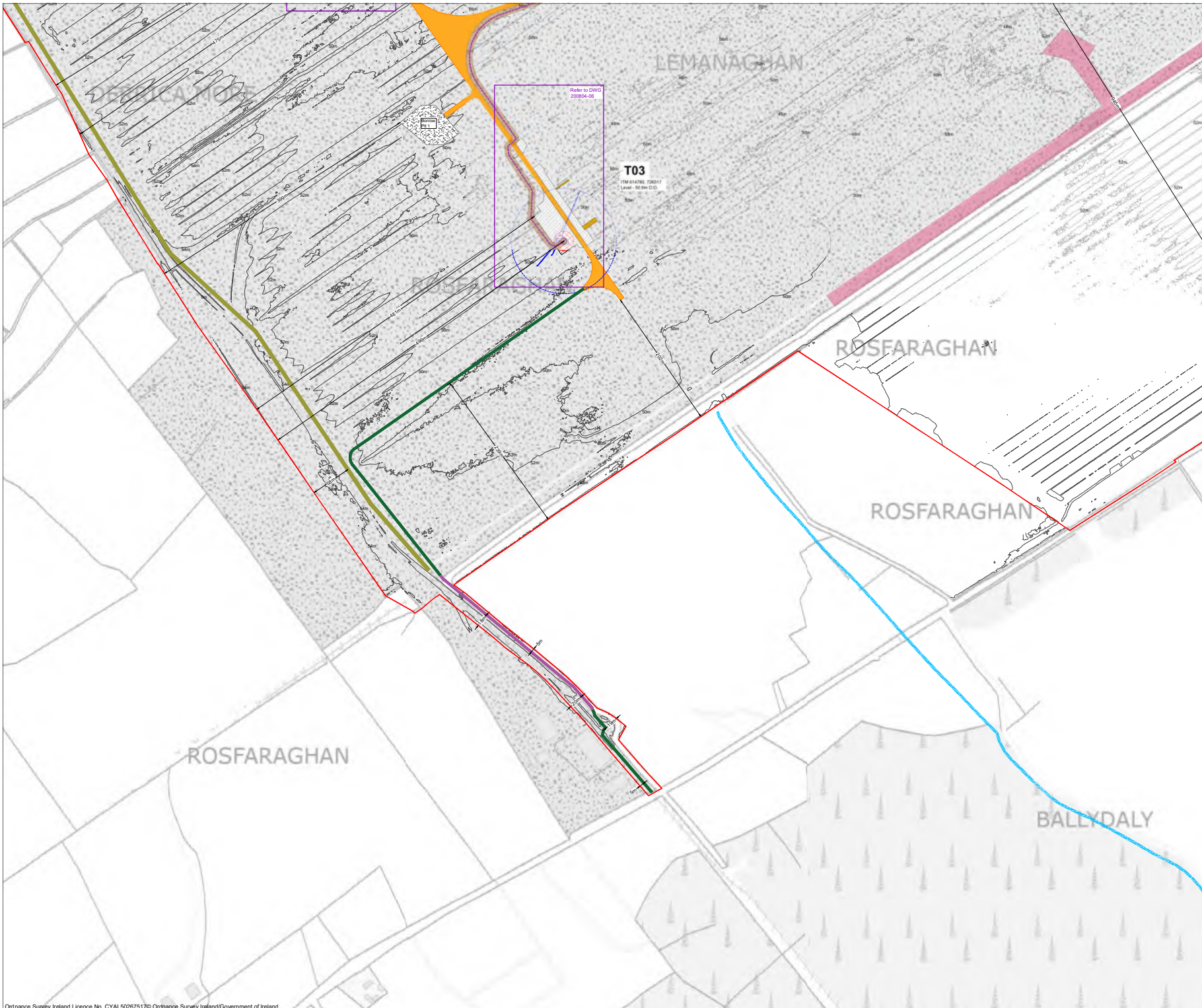
**DRAWING TITLE:**  
Site Layout Plan Sheet 02 of 10  
(1:2,500)

<b>PROJECT No.:</b> 200804	<b>DRAWING No.:</b> 200804 - 03B	<b>SCALE:</b> 1:2,500 @ A1
<b>DRAWN BY:</b> GO	<b>CHECKED BY:</b> RD	<b>DATE:</b> 23.03.2026
		<b>REVISION:</b> D04

**OS SHEET No.:**  
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  7. Layout plans show typical Turbine rotor diameter as per turbine drawing.
  8. Final levels may vary depending on local ground conditions.

- Drawing Legend**
- Planning Application Boundary
  - Proposed Road
  - Proposed Upgrades to Existing Roads for Amenity Track
  - Proposed New Amenity Track
  - Wheelwash
  - Gate
  - Security Hut
  - Soft Levelled Area
  - Hardstand
  - Turbine Foundation
  - Turbine Sweep Area
  - Borrow Pit
  - Linear Replanting
  - Ecological Enhancement
  - Watercourses
  - Electrical Cable Trench Type 01  
Total Distance 6261m
  - Temporary Works Area
  - Proposed Upgrades to Existing Roads for Amenity Track
  - Proposed New Amenity Track



PROJECT TITLE:  
**Lemnaghan Wind Farm, Co. Offaly**

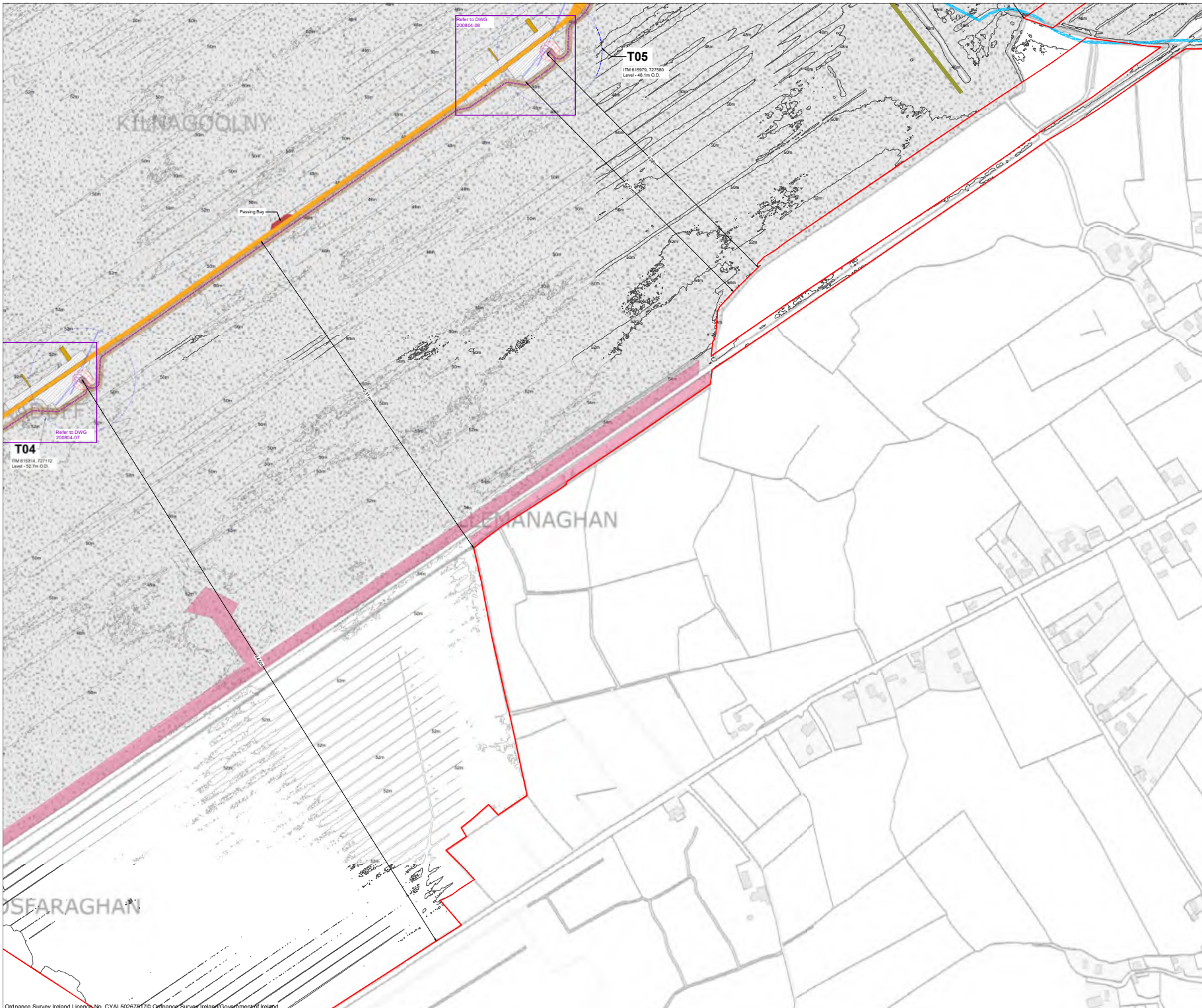
DRAWING TITLE:  
**Site Layout Plan Sheet 03 of 10  
(1:2,500)**

PROJECT No.: <b>200804</b>	DRAWING No.: <b>200804 - 03C</b>	SCALE: <b>1:2,500 @ A1</b>
DRAWN BY: <b>GO</b>	CHECKED BY: <b>RD</b>	DATE: <b>23.03.2026</b>
		REVISION: <b>D04</b>

OS SHEET No.:  
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  7. Layout plans show typical Turbine rotor diameter as per turbine drawing.
  8. Final levels may vary depending on local ground conditions.

**Drawing Legend**

- Planning Application Boundary
- Proposed Road
- Electrical Cable Trench Type 01  
Total Distance 6261m
- Soft Levelled Area
- Hardstand
- Turbine Foundation
- Turbine Sweep Area
- Linear Replanting
- Ecological Enhancement
- Passing Bay
- Watercourses
- Temporary Works Area



**PROJECT TITLE:**  
Lemanaghan Wind Farm, Co. Offaly

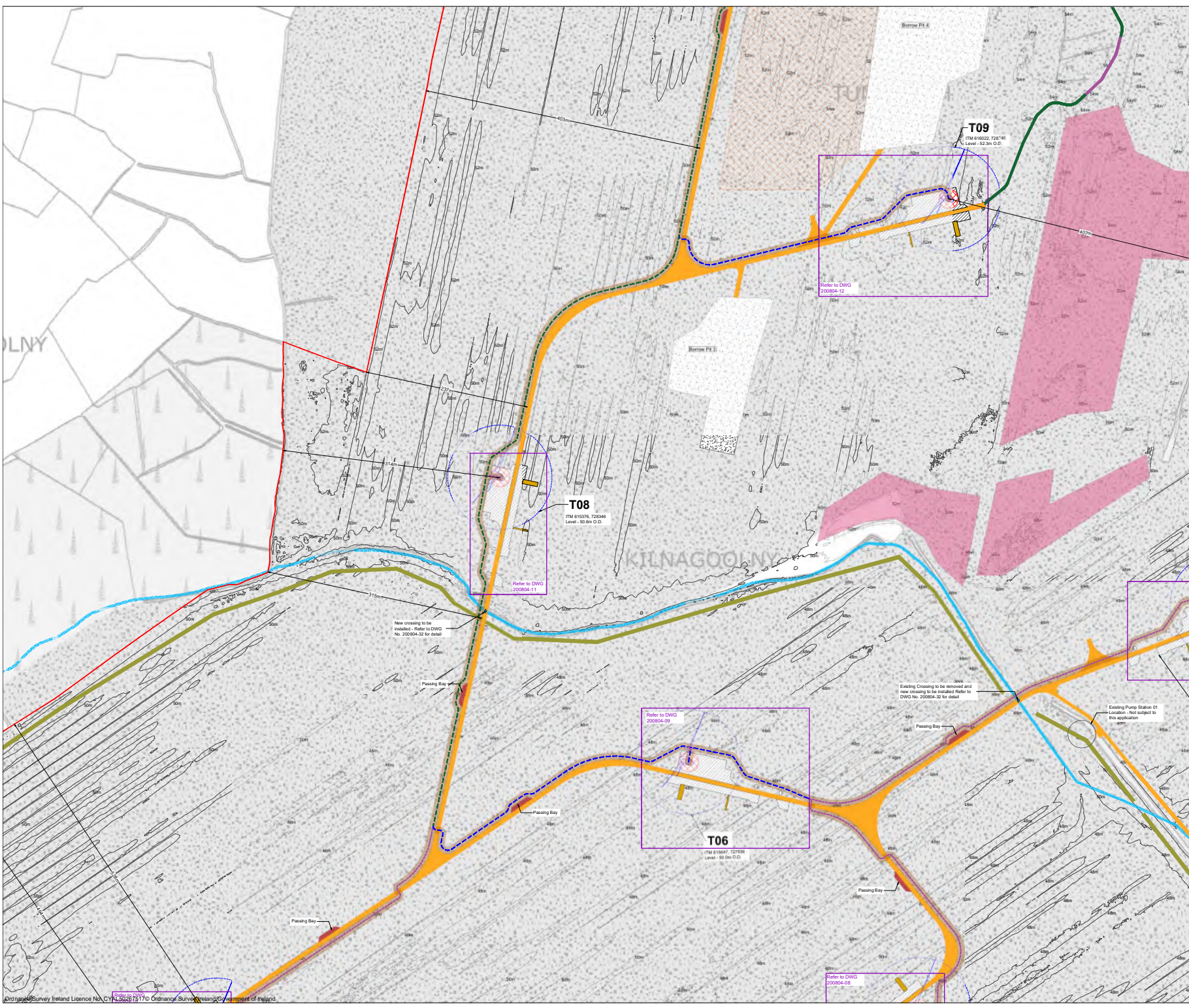
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Site Layout Plan Sheet 04 of 10  
(1:2,500)

<b>PROJECT No.:</b> 200804	<b>DRAWING No.:</b> 200804 - 03D	<b>SCALE:</b> 1:2,500 @ A1
<b>DRAWN BY:</b> GO	<b>CHECKED BY:</b> RD	<b>DATE:</b> 23.03.2026
		<b>REVISION:</b> D04

**OS SHEET No.:**  
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  7. Layout plans show typical Turbine rotor diameter as per turbine drawing.
  8. Final levels may vary depending on local ground conditions.

- Drawing Legend**
- Planning Application Boundary
  - Proposed Road
  - Proposed Upgrades to Existing Roads for Amenity Track
  - Proposed New Amenity Track
  - ◆ Watercourse Crossing
  - Soft Levelled Area
  - ▨ Hardstand
  - Turbine Foundation
  - Turbine Sweep Area
  - Borrow Pit
  - Linear Replanting
  - Ecological Enhancement
  - Passing Bay
  - ⊠ Peat Deposition Area
  - Watercourses
  - Electrical Cable Trench Type 01  
Total Distance 6261m
  - Electrical Cable Trench Type 02  
Total Distance 3525m
  - Electrical Cable Trench Type 03  
Total Distance 3422m
  - Temporary Works Area

PROJECT TITLE:  
**Lemnaghan Wind Farm, Co. Offaly**

DRAWING TITLE:  
**Site Layout Plan Sheet 05 of 10 (1:2,500)**

PROJECT No.: <b>200804</b>	DRAWING No.: <b>200804 - 03E</b>	SCALE: <b>1:2,500 @ A1</b>
DRAWN BY: <b>GO</b>	CHECKED BY: <b>RD</b>	DATE: <b>23.03.2026</b>
		REVISION: <b>D04</b>

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  7. Layout plans show typical Turbine rotor diameter as per turbine drawing.
  8. Final levels may vary depending on local ground conditions.

- Drawing Legend**
- Planning Application Boundary
  - Existing Road to be Upgraded
  - Proposed Road
  - ▭ Passing Bay
  - ▭ Soft Levelled Area
  - ▭ Hardstand
  - Turbine Foundation
  - Turbine Sweep Area
  - ▭ Wheelwash
  - Gate
  - ▭ Security Hut
  - Watercourses
  - - - Electrical Cable Trench Type 01  
Total Distance 6261m
  - - - Electrical Cable Trench Type 02  
Total Distance 3525m
  - ▭ Temporary Works Area

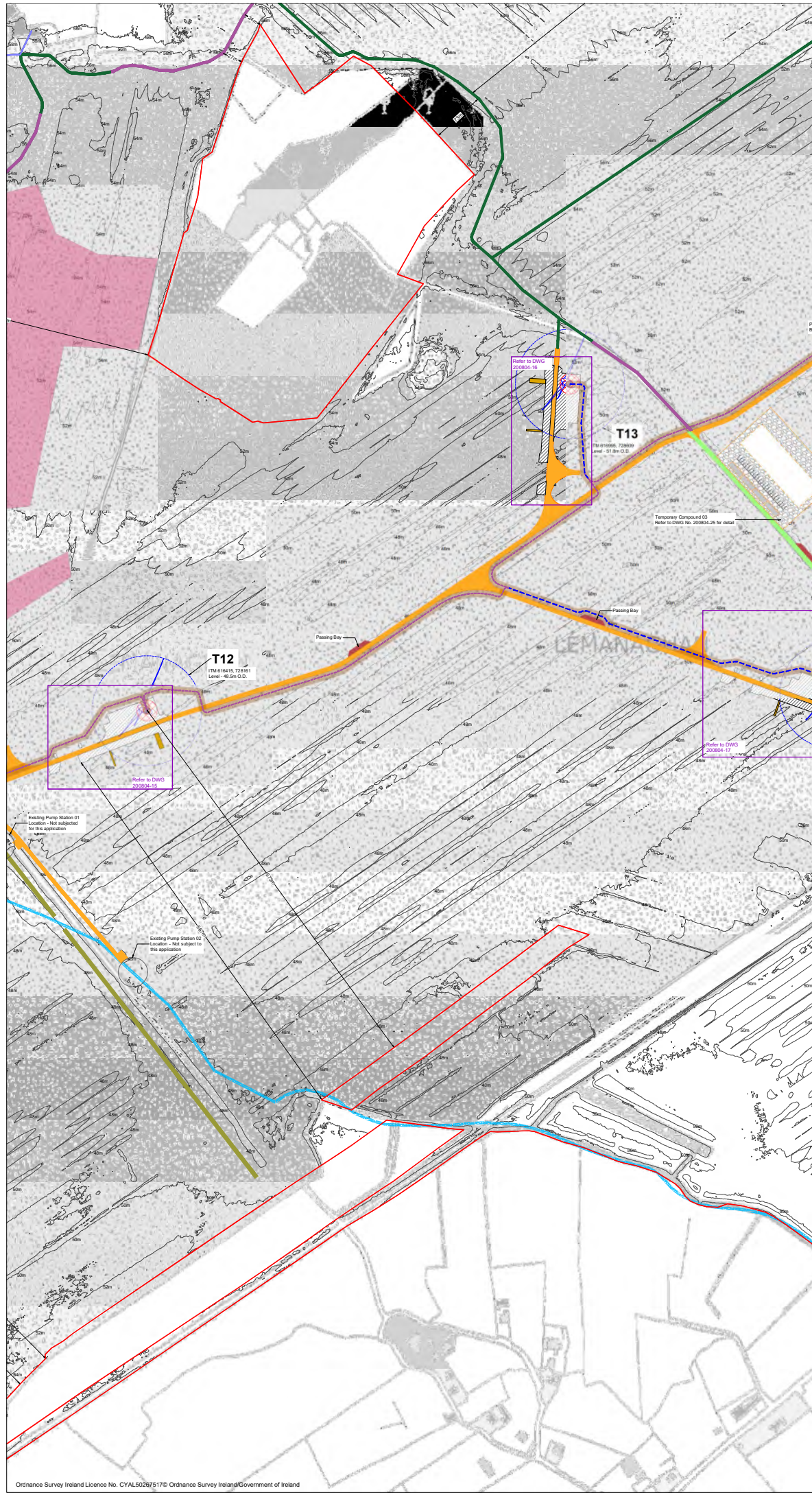


PROJECT TITLE:  
**Lemnaghan Wind Farm, Co. Offaly**

DRAWING TITLE:  
**Site Layout Plan Sheet 06 of 10 (1:2,500)**

PROJECT No.: <b>200804</b>	DRAWING No.: <b>200804 - 03F</b>	SCALE: <b>1:2,500 @ A1</b>
DRAWN BY: <b>GO</b>	CHECKED BY: <b>RD</b>	DATE: <b>23.03.2026</b>
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  7. Layout plans show typical Turbine rotor diameter as per turbine drawing.
  8. Final levels may vary depending on local ground conditions.

- Drawing Legend**
- Planning Application Boundary
  - Existing Road to be Upgraded
  - Proposed Road
  - Proposed Upgrades to Existing Roads for Amenity Track
  - Proposed New Amenity Track
  - Existing Historical Pathway
  - ▭ Passing Bay
  - ▭ Soft Levelled Area
  - ▨ Hardstand
  - Turbine Foundation
  - Turbine Sweep Area
  - Linear Replanting
  - ▭ Ecological Enhancement
  - Watercourses
  - ▭ Electrical Cable Trench Type 01  
Total Distance 6261m
  - ▭ Electrical Cable Trench Type 02  
Total Distance 3525m
  - ▭ Temporary Works Area



PROJECT TITLE:  
**Lemanaghan Wind Farm, Co. Offaly**

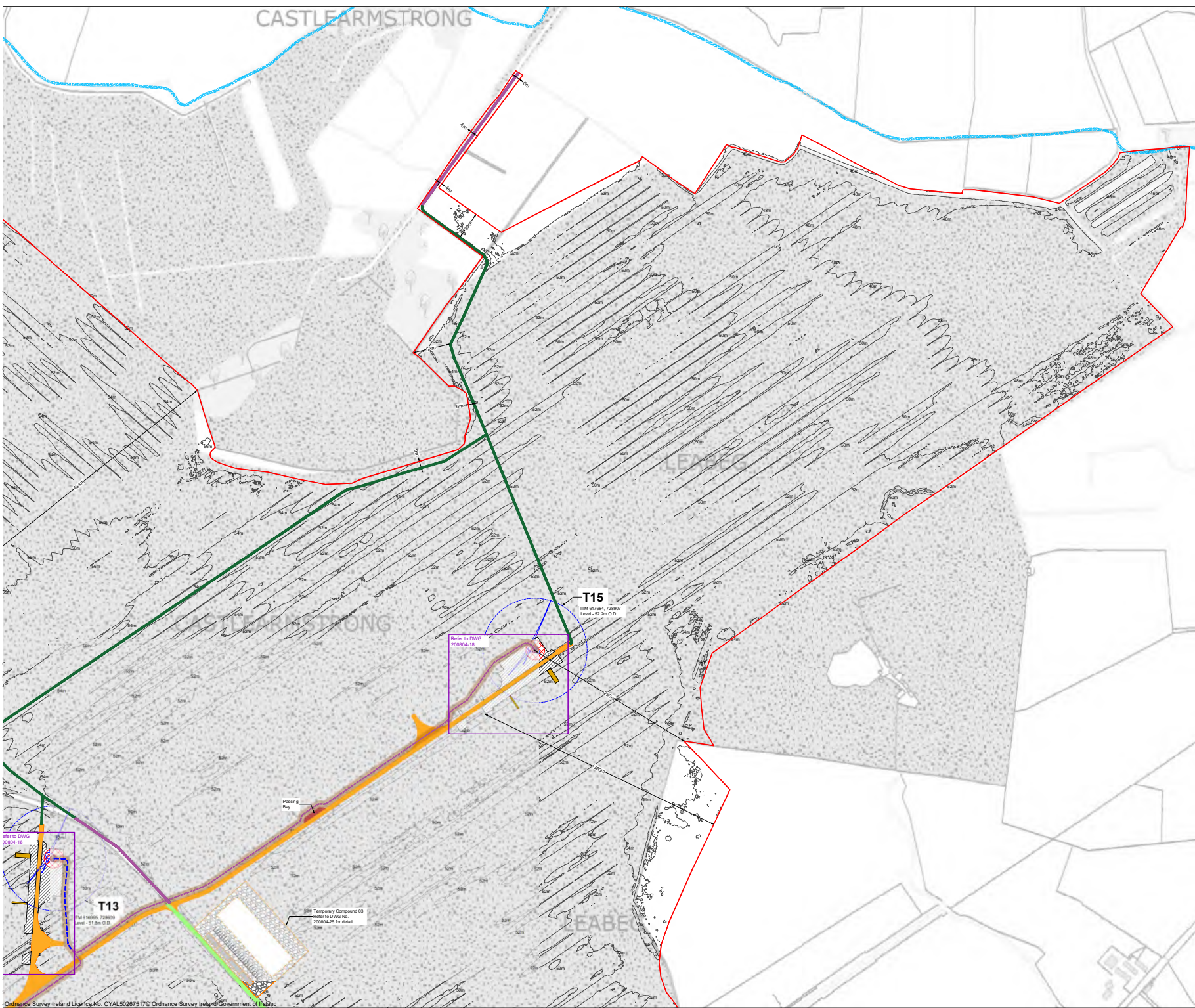
DRAWING TITLE:  
**Site Layout Plan Sheet 07 of 10 (1:2,500)**

PROJECT No.: <b>200804</b>	DRAWING No.: <b>200804 - 03G</b>	SCALE: <b>1:2,500 @ A1</b>
DRAWN BY: <b>GO</b>	CHECKED BY: <b>RD</b>	DATE: <b>23.03.2026</b>
OS SHEET No.:		REVISION: <b>D04</b>
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CASTLEFARMSTRONG



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  7. Layout plans show typical Turbine rotor diameter as per turbine drawing.
  8. Final levels may vary depending on local ground conditions.

**Drawing Legend**

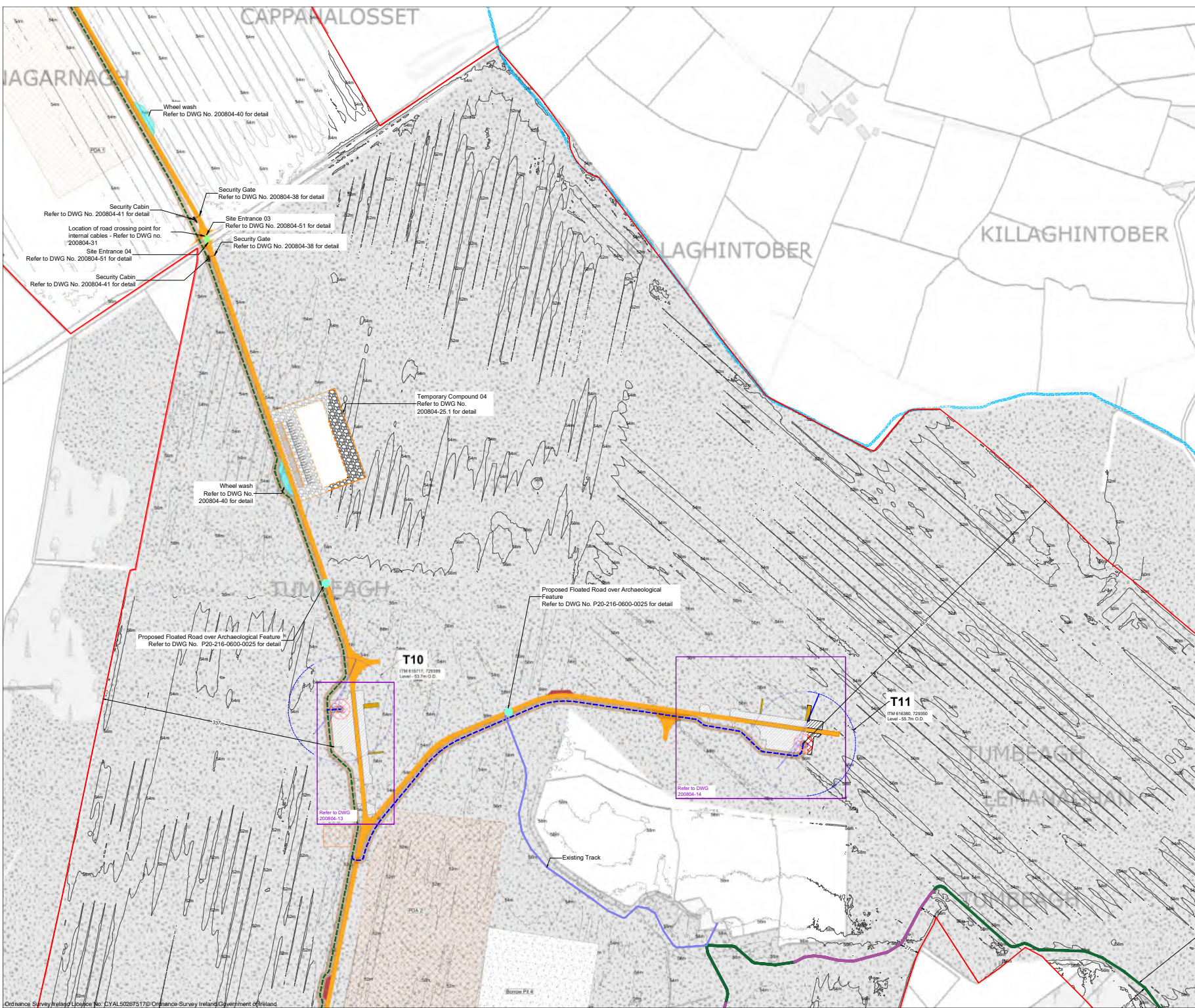
	Planning Application Boundary
	Proposed Road
	Proposed Upgrades to Existing Roads for Amenity Track
	Proposed New Amenity Track
	Soft Levelled Area
	Hardstand
	Turbine Foundation
	Turbine Sweep Area
	Passing Bay
	Watercourses
	Electrical Cable Trench Type 01 Total Distance 6261m
	Electrical Cable Trench Type 02 Total Distance 3525m
	Temporary Works Area

**PROJECT TITLE:**  
Lemnaghan Wind Farm, Co. Offaly

**DRAWING TITLE:**  
Site Layout Plan Sheet 08 of 10  
(1:2,500)

PROJECT No.: 200804	DRAWING No.: 200804 - 03H	SCALE: 1:2,500 @ A1
DRAWN BY: GO	CHECKED BY: RD	DATE: 23.03.2026
OS SHEET No.:		REVISION: D04
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  7. Layout plans show typical Turbine rotor diameter as per turbine drawing.
  8. Final levels may vary depending on local ground conditions.

**Drawing Legend**

- Planning Application Boundary
- Proposed Road
- Proposed Upgrades to Existing Roads for Amenity Track
- Proposed New Amenity Track
- Existing Historical Pathway
- ▨ Wheelwash
- Gate
- Security Hut
- Soft Levelled Area
- Hardstand
- Turbine Foundation
- Turbine Sweep Area
- Borrow Pit
- Passing Bay
- Peat Deposition Area
- Watercourses
- - - Electrical Cable Trench Type 02  
Total Distance 3525m
- - - Electrical Cable Trench Type 03  
Total Distance 3422m
- Temporary Works Area
- Proposed Floated Road over Archaeological Feature



**PROJECT TITLE:**  
Lemnaghan Wind Farm, Co. Offaly

**DRAWING TITLE:**  
Site Layout Plan Sheet 09 of 10  
(1:2,500)

PROJECT No.: <b>200804</b>		DRAWING No.: <b>200804 - 031</b>		SCALE: <b>1:2,500 @ A1</b>
DRAWN BY: <b>GO</b>	CHECKED BY: <b>RD</b>	DATE: <b>23.03.2026</b>	REVISION: <b>D04</b>	
OS SHEET No.: 3302, 3303, 3304, 3365, 3366, 3367, 3428, 3429, 3430				



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COOLDORRAGH

COOLDORRAGH

KILNAGARNAGH

COOLDORRAGH

COOLDORRAGH

KILNAGARNAGH

CAPPAHALOSSET

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  7. Layout plans show typical Turbine rotor diameter as per turbine drawing.
  8. Final levels may vary depending on local ground conditions.

- Drawing Legend**
- Planning Application Boundary
  - Existing Road to be Upgraded
  - Proposed Road
  - ▣ Peat Deposition Area
  - Proposed Steel Mast
  - Existing Steel Mast
  - Proposed OHL
  - Existing OHL
  - Proposed Temporary Access Track
  - Wheelwash
  - Gate
  - Security Hut
  - Watercourses
  - Electrical Cable Trench Type 03  
Total Distance 3422m
  - Temporary Works Area



Site Entrance 05

GIS Building  
Refer to DWG No. 200804-37 for detail

Containers  
Refer to DWG No. 200804-48 for detail

Temporary Compound 05  
Refer to DWG No. 200804-26 for detail

On-site substation compound  
Refer to DWG No. 200804-33 / 200804-34 / 200804-35 for detail

Telecom Tower Compound  
Refer to DWG No. 200804-27 for detail

IPP Building  
Refer to DWG No. 200804-36 for detail

Wheel wash  
Refer to DWG No. 200804-40 for detail

Security Cabin  
Refer to DWG No. 200804-41 for detail

Indicative Location of Crossing Points  
for cables/utilities/services

Site Entrance 04  
Refer to DWG No. 200804-51 for detail

Security Gate  
Refer to DWG No. 200804-38 for detail

Site Entrance 03  
Refer to DWG No. 200804-51 for detail

Security Gate  
Refer to DWG No. 200804-38 for detail

PROJECT TITLE:  
**Lemanaghan Wind Farm, Co. Offaly**

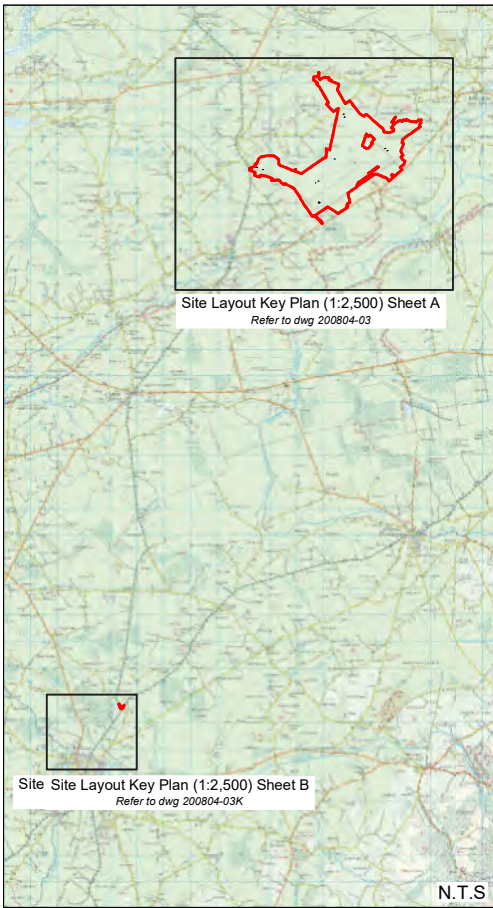
DRAWING TITLE:  
**Site Layout Plan Sheet 10 of 10  
(1:2,500)**

PROJECT No.: <b>200804</b>	DRAWING No.: <b>200804 - 03J</b>	SCALE: <b>1:2,500 @ A1</b>
DRAWN BY: <b>GO</b>	CHECKED BY: <b>RD</b>	DATE: <b>23.03.2026</b>
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Drawing Legend

- Planning Application Boundary
- Proposed Road



PROJECT TITLE:  
**Lemanaghan Wind Farm, Co. Offaly**

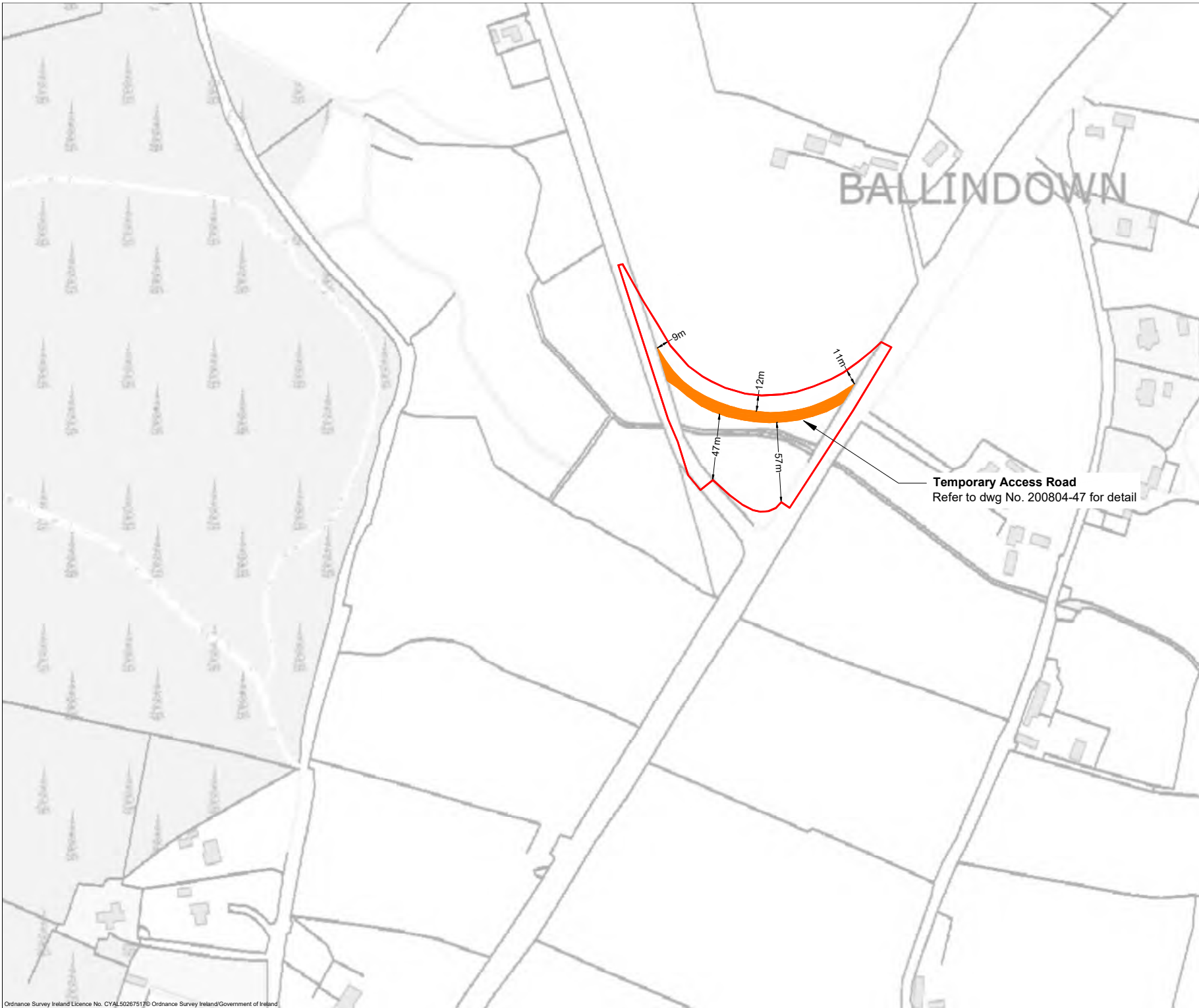
DRAWING TITLE:  
**Site Layout Key Plan (1:2,500) Sheet B**

PROJECT No.: <b>200804</b>	DRAWING No.: <b>200804 - 03K</b>	SCALE: <b>1:10,000 @ A3</b>
DRAWN BY: <b>GO</b>	CHECKED BY: <b>RD</b>	DATE: <b>23.03.2026</b>
OS SHEET No.:		REVISION: <b>D04</b>

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BALLINDOWN

Temporary Access Road  
Refer to dwg No. 200804-47 for detail

Drawing Legend

- Planning Application Boundary
- Proposed Road



PROJECT TITLE:  
**Lemanaghan Wind Farm, Co. Offaly**

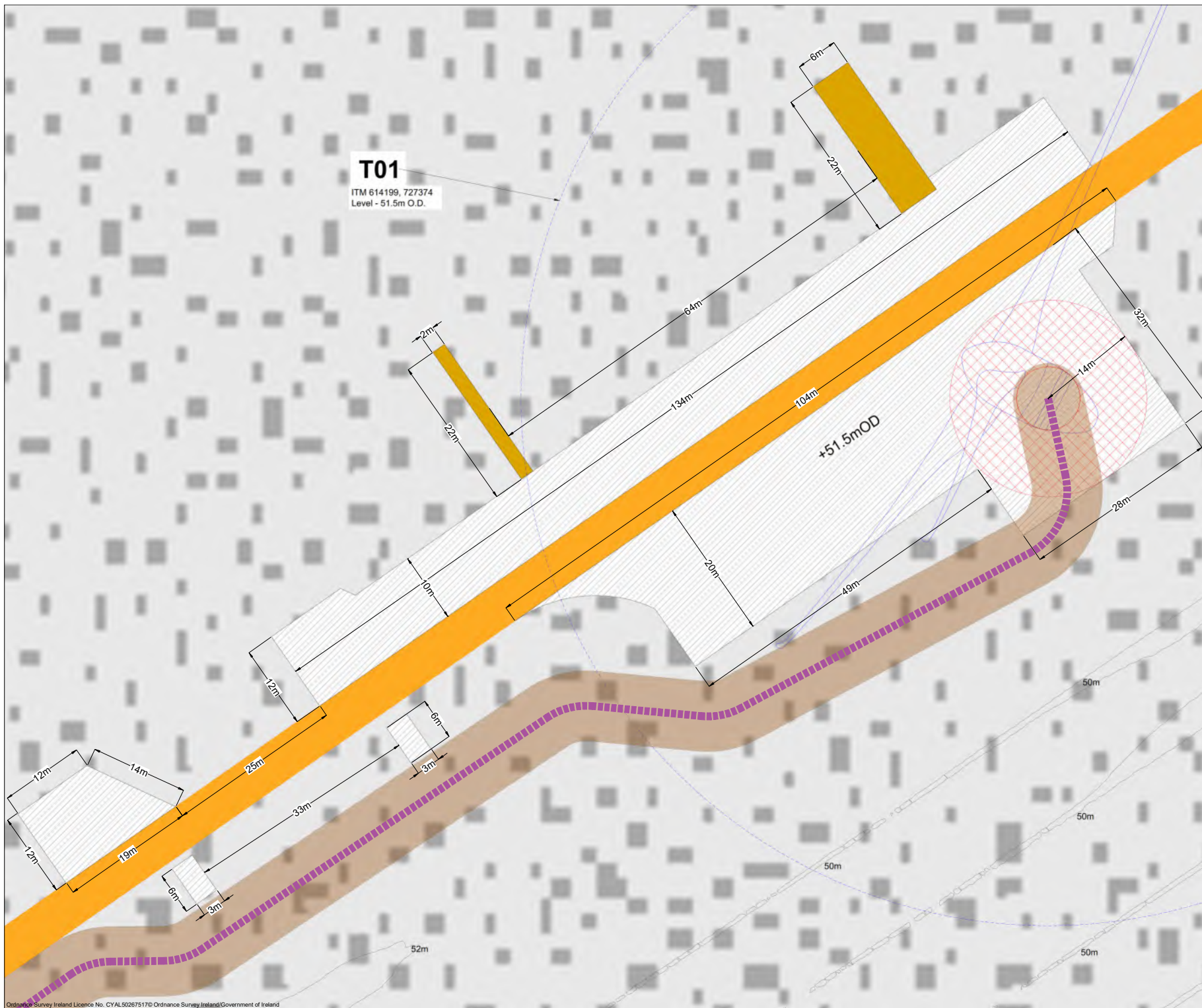
DRAWING TITLE:  
**Site Layout Plan Sheet 01 of 01 (1:2,500)**

PROJECT No.:		DRAWING No.:		SCALE:	
200804		200804 - 03L		1:2,500 @ A3	
DRAWN BY:	CHECKED BY:	DATE:	REVISION:		
GO	RD	23.03.2026	D04		

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**T01**  
ITM 614199, 727374  
Level - 51.5m O.D.

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  7. Layout plans show typical Turbine rotor diameter as per turbine drawing.
  8. Final levels may vary depending on local ground conditions.

- Drawing Legend**
- Proposed Road
  - Soft Levelled Area
  - Hardstand
  - Turbine Foundation
  - Turbine Sweep Area
  - Electrical Cable Trench Type 01  
*Total Distance 626m*
  - Temporary Works Area

PROJECT TITLE: <b>Lemnaghan Wind Farm, Co. Offaly</b>		
DRAWING TITLE: <b>Turbine 01 Layout</b>		
PROJECT No.: <b>200804</b>	DRAWING No.: <b>200804 - 04</b>	SCALE: <b>1:500 @ A3</b>
DRAWN BY: <b>GO</b>	CHECKED BY: <b>RD</b>	DATE: <b>23.03.2026</b>
OS SHEET No.:		REVISION: <b>D04</b>
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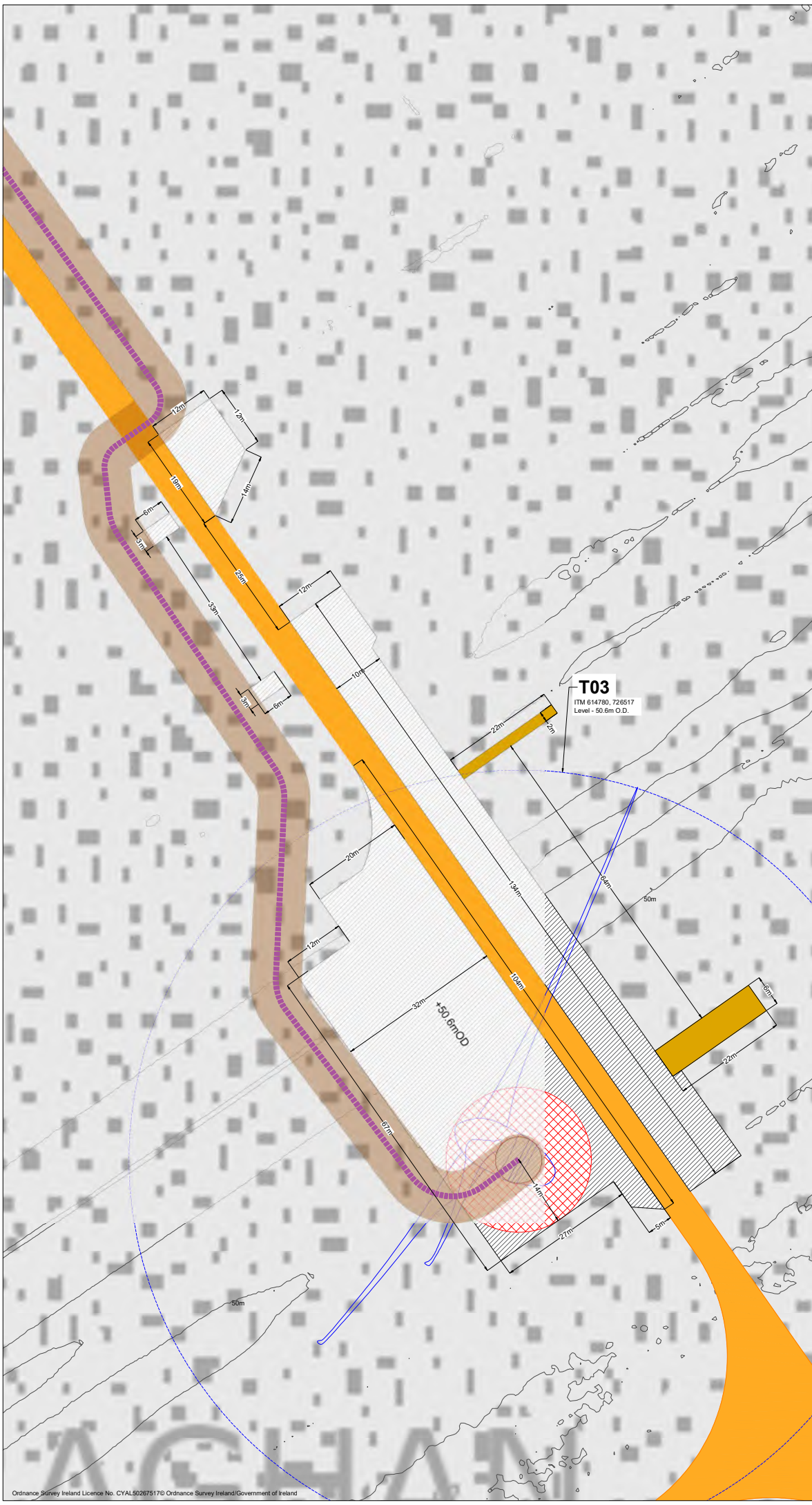


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7. Layout plans show typical Turbine rotor diameter as per turbine drawing.
8. Final levels may vary depending on local ground conditions.

**Drawing Legend**

-  Planning Application Boundary
-  Proposed Road
-  Electrical Cable Trench Type 01  
Total Distance 6261m
-  Soft Levelled Area
-  Hardstand
-  Turbine Foundation
-  Turbine Sweep Area
-  Temporary Works Area



**T03**  
ITM 614780, 726517  
Level - 50.6m O.D.



PROJECT TITLE:  
**Lemanaghan Wind Farm, Co. Offaly**

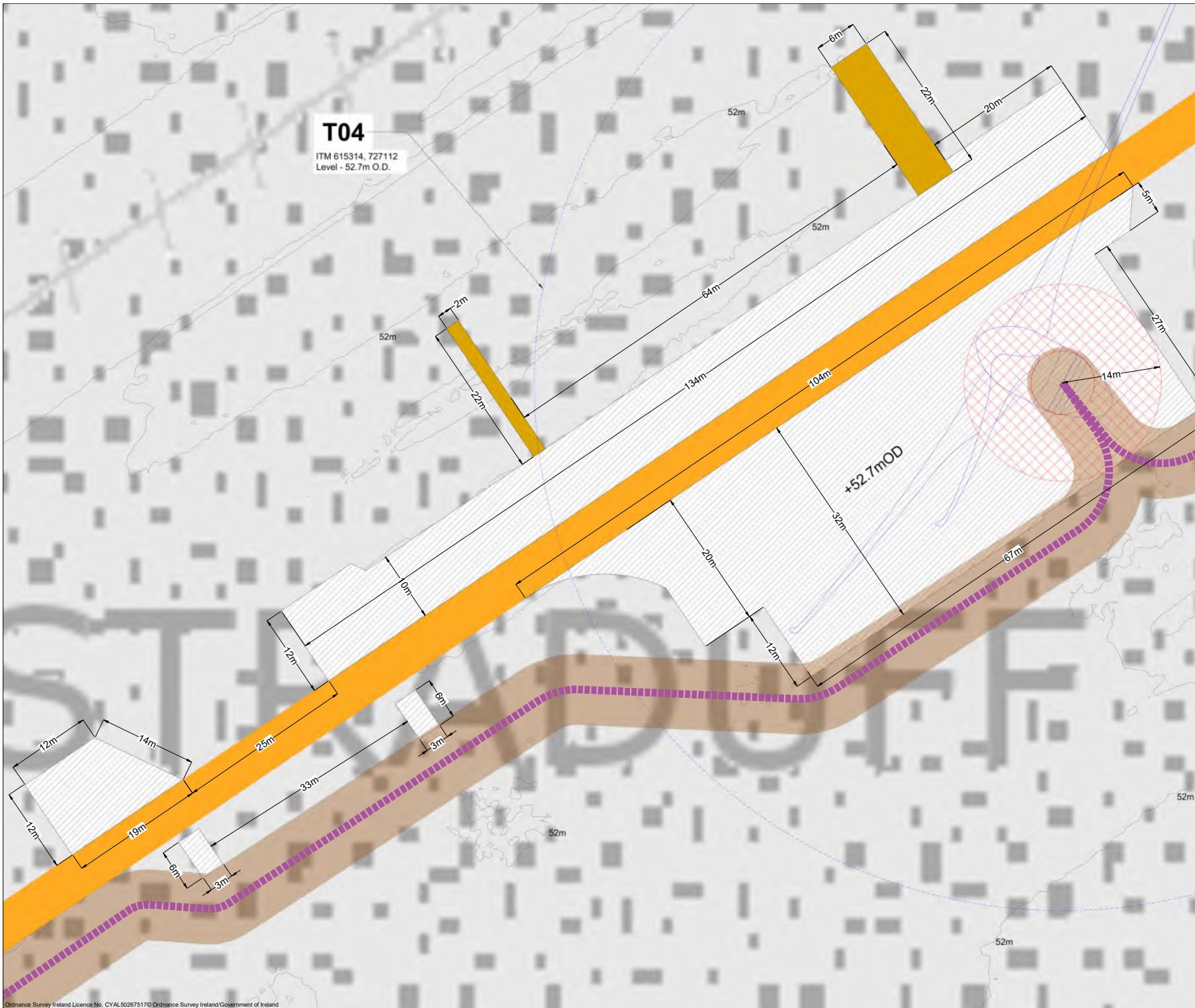
DRAWING TITLE:  
**Turbine 03 Layout**

PROJECT No.: <b>200804</b>	DRAWING No.: <b>200804 - 06</b>	SCALE: <b>1:500 @ A2</b>
DRAWN BY: <b>GO</b>	CHECKED BY: <b>RD</b>	DATE: <b>23.03.2026</b>
		REVISION: <b>D04</b>

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**T04**

ITM 615314, 727112  
Level - 52.7m O.D.

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  7. Layout plans show typical Turbine rotor diameter as per turbine drawing.
  8. Final levels may vary depending on local ground conditions.

- Drawing Legend**
- Planning Application Boundary
  - Proposed Road
  - Electrical Cable Trench Type 01  
Total Distance 6261m
  - Soft Levelled Area
  - ▨ Hardstand
  - Turbine Foundation
  - Turbine Sweep Area
  - Temporary Works Area

PROJECT TITLE:  
**Lemanaghan Wind Farm, Co. Offaly**

DRAWING TITLE:  
**Turbine 04 Layout**

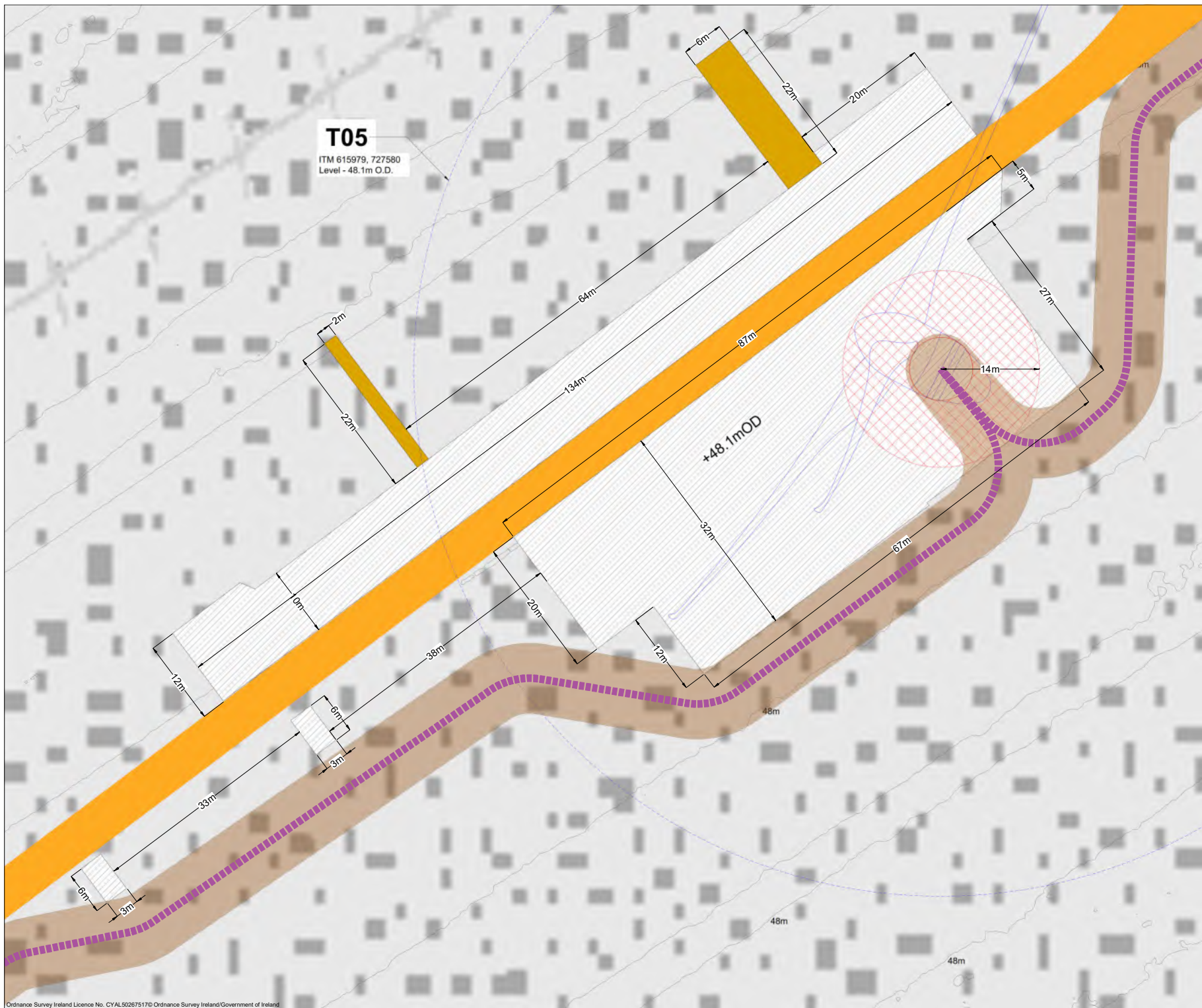
PROJECT No.:	DRAWING No.:	SCALE:
200804	200804 - 07	1:500 @ A3
DRAWN BY: GO	CHECKED BY: RD	DATE: 23.03.2026
		REVISION: D04

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**T05**  
ITM 615979, 727580  
Level - 48.1m O.D.

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  7. Layout plans show typical Turbine rotor diameter as per turbine drawing.
  8. Final levels may vary depending on local ground conditions.

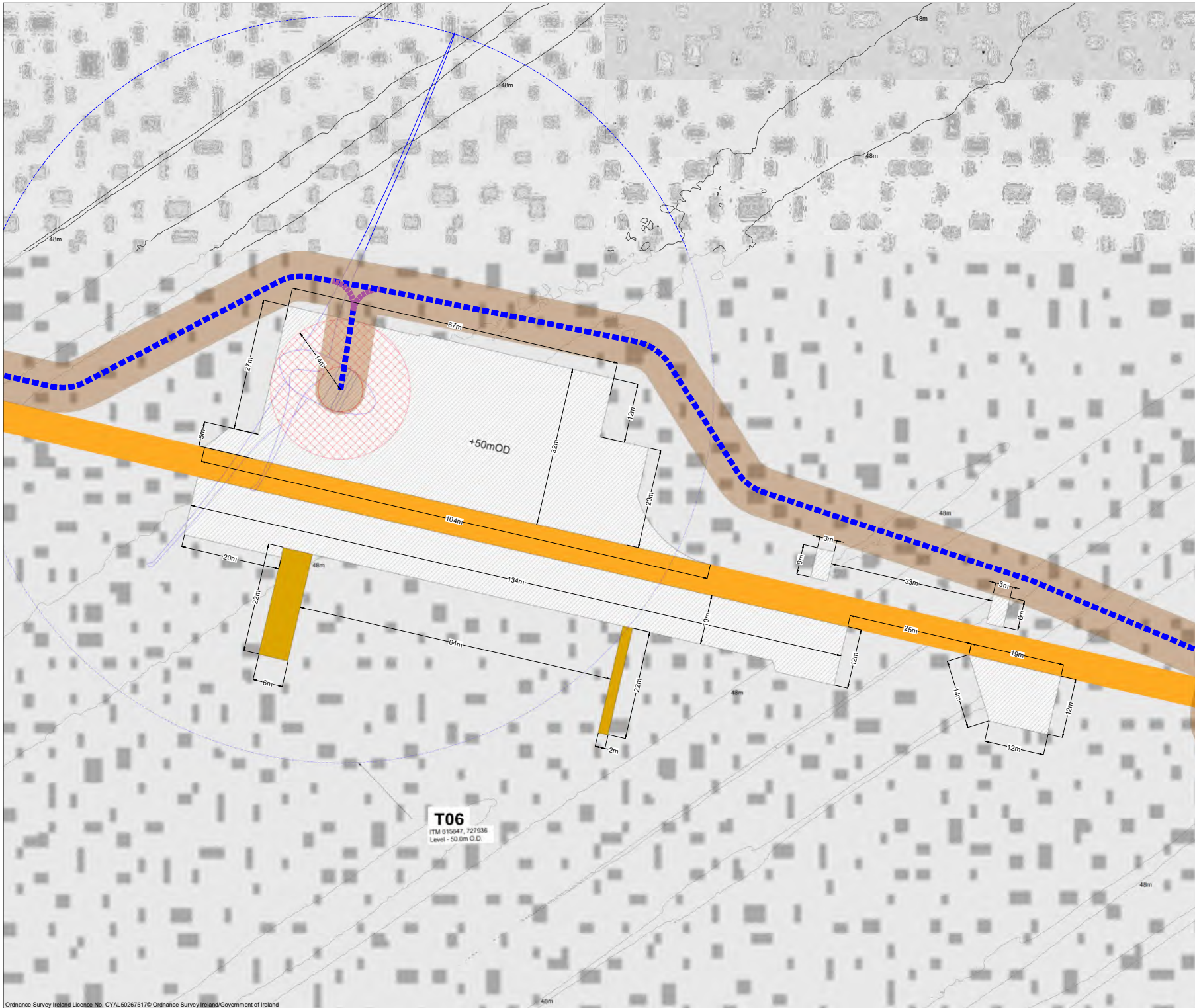
- Drawing Legend**
- Planning Application Boundary
  - Proposed Road
  - Electrical Cable Trench Type 01  
Total Distance 6261m
  - Soft Levelled Area
  - ▨ Hardstand
  - Turbine Foundation
  - Turbine Sweep Area
  - Temporary Works Area



PROJECT TITLE: <b>Lemnaghan Wind Farm, Co. Offaly</b>		
DRAWING TITLE: <b>Turbine 05 Layout</b>		
PROJECT No.: <b>200804</b>	DRAWING No.: <b>200804 - 08</b>	SCALE: <b>1:500 @ A3</b>
DRAWN BY: <b>GO</b>	CHECKED BY: <b>RD</b>	DATE: <b>23.03.2026</b>
OS SHEET No.:		REVISION: <b>D04</b>
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  8. Final levels may vary depending on local ground conditions.

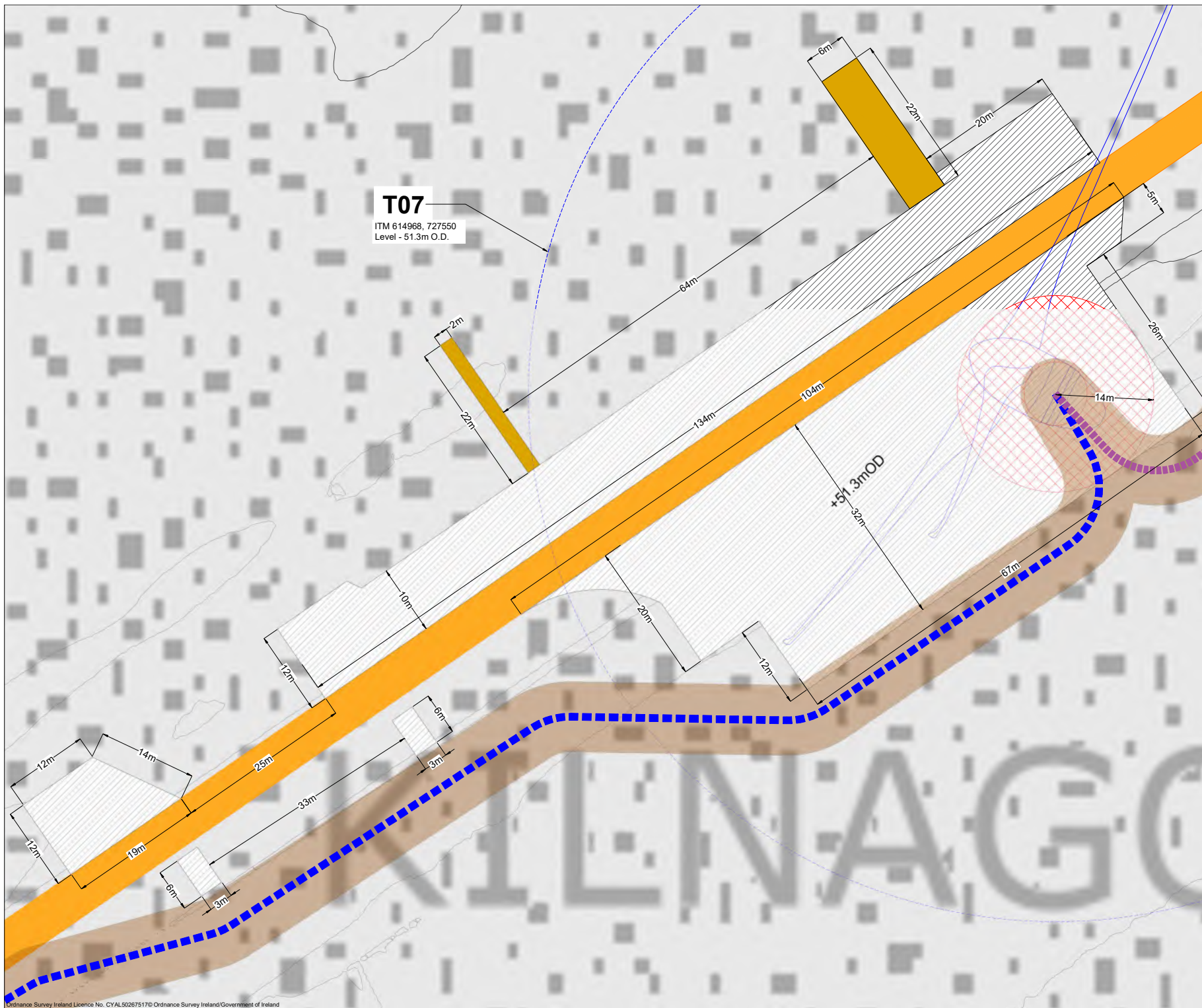
- Drawing Legend**
- Planning Application Boundary
  - Proposed Road
  - Soft Levelled Area
  - ▨ Hardstand
  - Turbine Foundation
  - Turbine Sweep Area
  - Electrical Cable Trench Type 01  
Total Distance 6261m
  - Electrical Cable Trench Type 02  
Total Distance 3525m
  - Temporary Works Area

**T06**  
ITM 615647, 727936  
Level - 50.0m O.D.

PROJECT TITLE: <b>Lemanaghan Wind Farm, Co. Offaly</b>			
DRAWING TITLE: <b>Turbine 06 Layout</b>			
PROJECT No.: <b>200804</b>	DRAWING No.: <b>200804 - 09</b>	SCALE: <b>1:500 @ A2</b>	
DRAWN BY: <b>GO</b>	CHECKED BY: <b>RD</b>	DATE: <b>23.03.2026</b>	REVISION: <b>D04</b>
OS SHEET No.: 3302, 3303, 3304, 3365, 3366, 3367, 3428, 3429, 3430			



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**T07**  
 ITM 614968, 727550  
 Level - 51.3m O.D.

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  7. Layout plans show typical Turbine rotor diameter as per turbine drawing.
  8. Final levels may vary depending on local ground conditions.

- Drawing Legend**
- Planning Application Boundary
  - Proposed Road
  - Soft Levelled Area
  - ▨ Hardstand
  - Turbine Foundation
  - Turbine Sweep Area
  - Electrical Cable Trench Type 01  
Total Distance 6261m
  - Electrical Cable Trench Type 02  
Total Distance 3525m
  - Temporary Works Area



PROJECT TITLE:  
**Lemanaghan Wind Farm, Co. Offaly**

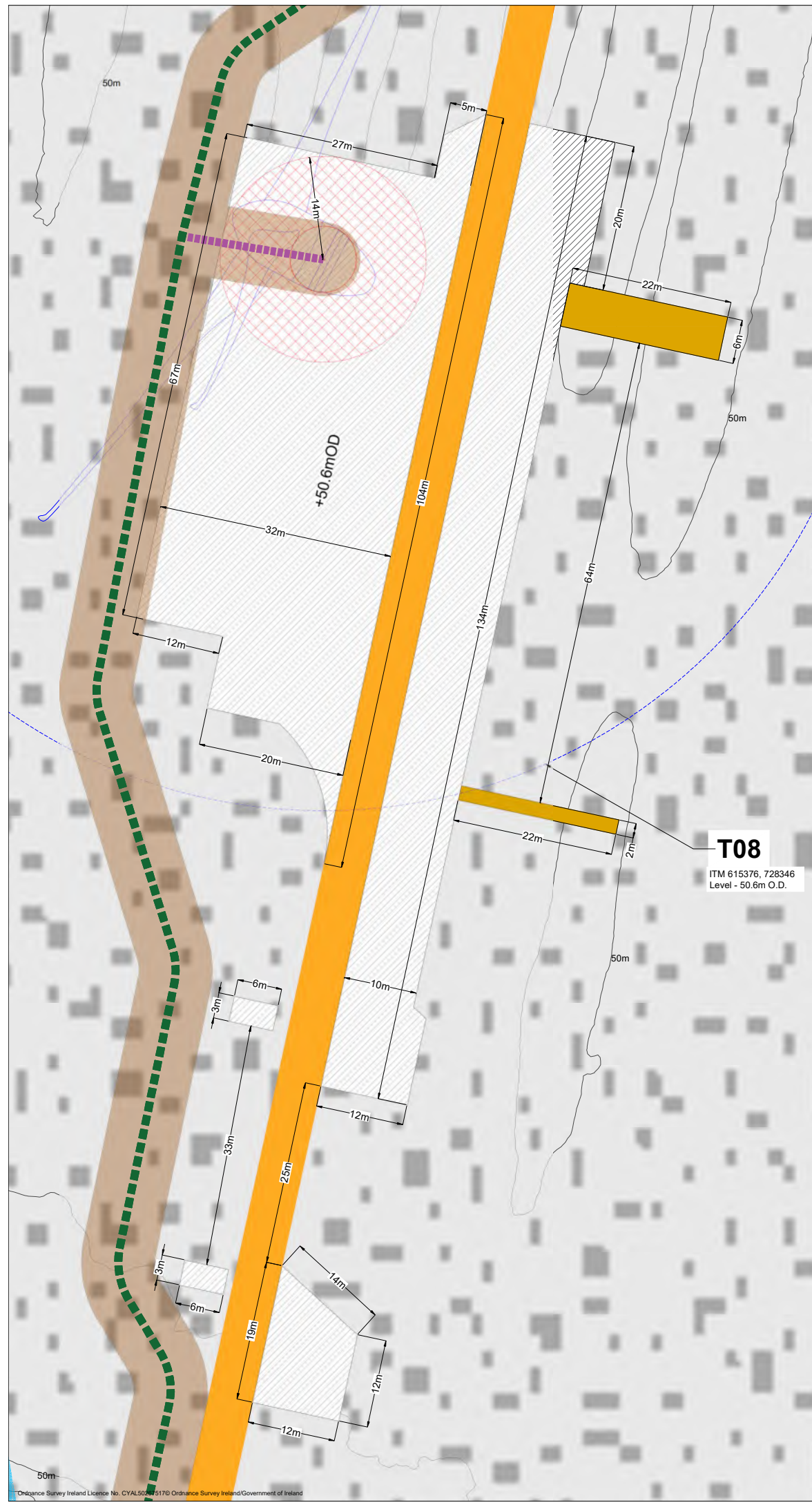
DRAWING TITLE:  
**Turbine 07 Layout**

PROJECT No.: <b>200804</b>	DRAWING No.: <b>200804 - 10</b>	SCALE: <b>1:500 @ A3</b>
DRAWN BY: <b>GO</b>	CHECKED BY: <b>RD</b>	DATE: <b>23.03.2026</b>
		REVISION: <b>D04</b>

OS SHEET No.:  
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7. Layout plans show typical Turbine rotor diameter as per turbine drawing.
8. Final levels may vary depending on local ground conditions.

**Drawing Legend**

- Planning Application Boundary
- Proposed Road
- Soft Levelled Area
- Hardstand
- Turbine Foundation
- ⊗ Turbine Sweep Area
- Electrical Cable Trench Type 01  
Total Distance 6261m
- Electrical Cable Trench Type 03  
Total Distance 3422m
- Temporary Works Area

**T08**  
ITM 615376, 728346  
Level - 50.6m O.D.

PROJECT TITLE: <b>Lemanaghan Wind Farm, Co. Offaly</b>		
DRAWING TITLE: <b>Turbine 08 Layout</b>		
PROJECT No.: <b>200804</b>	DRAWING No.: <b>200804 - 11</b>	SCALE: <b>1:500 @ A3</b>
DRAWN BY: <b>GO</b>	CHECKED BY: <b>RD</b>	DATE: <b>23.03.2026</b>
OS SHEET No.:		REVISION: <b>D04</b>
3302, 3303, 3304, 3365, 3366, 3367, 3428, 3429, 3430		













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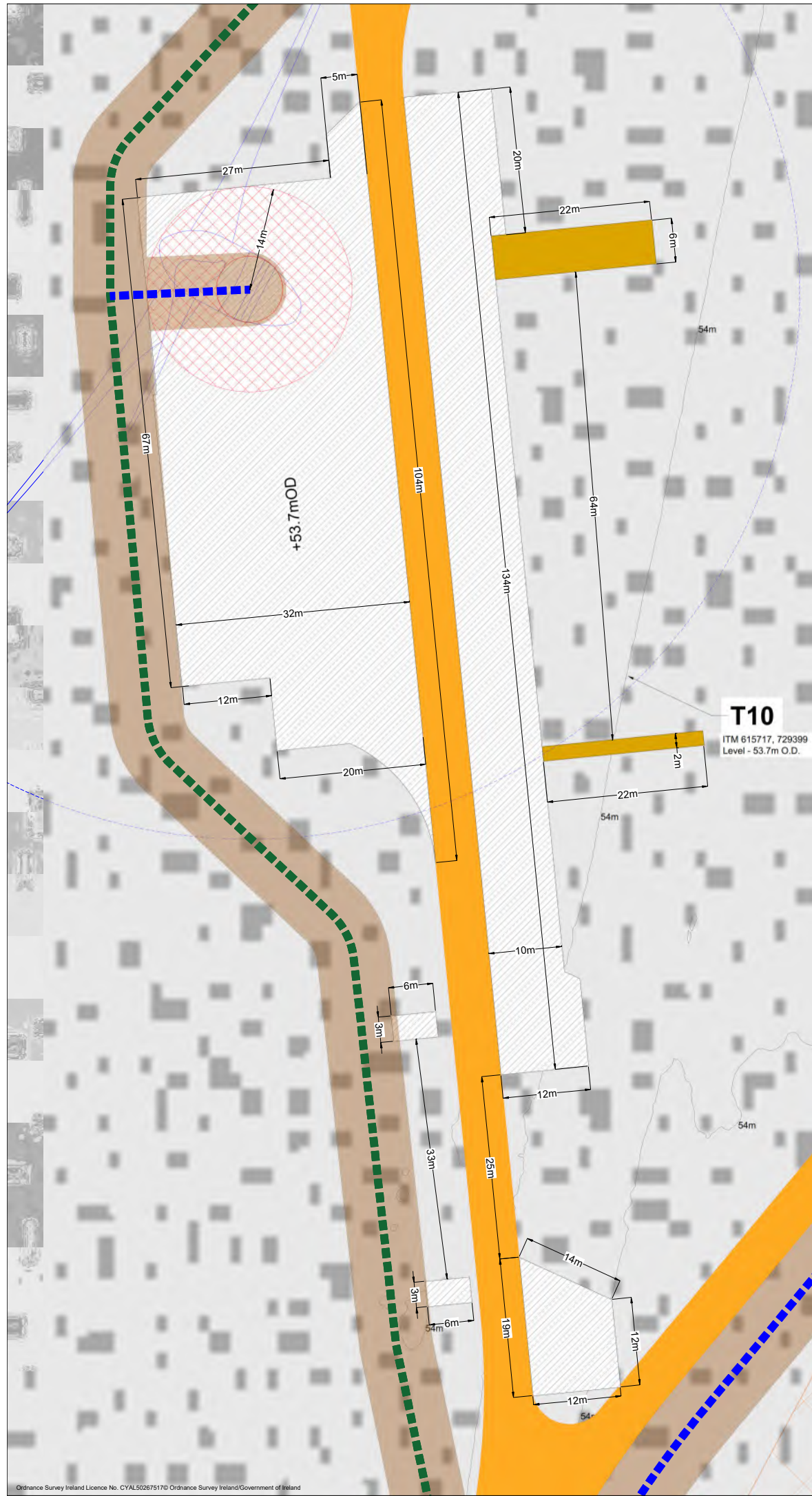


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7. Layout plans show typical Turbine rotor diameter as per turbine drawing.
8. Final levels may vary depending on local ground conditions.

**Drawing Legend**

-  Planning Application Boundary
-  Proposed Road
-  Soft Levelled Area
-  Hardstand
-  Turbine Foundation
-  Turbine Sweep Area
-  Peat Deposition Area
-  Electrical Cable Trench Type 02  
Total Distance 3552m
-  Electrical Cable Trench Type 03  
Total Distance 3422m
-  Temporary Works Area



**T10**  
ITM 615717, 729399  
Level - 53.7m O.D.



PROJECT TITLE:  
**Lemanaghan Wind Farm, Co. Offaly**

DRAWING TITLE:  
**Turbine 10 Layout**









PROJECT No.: <b>200804</b>		DRAWING No.: <b>200804 - 13</b>		SCALE: <b>1:500 @ A3</b>	
DRAWN BY: <b>GO</b>	CHECKED BY: <b>RD</b>	DATE: <b>23.03.2026</b>	REVISION: <b>D04</b>		
OS SHEET No.: 3302, 3303, 3304, 3365, 3366, 3367, 3428, 3429, 3430					

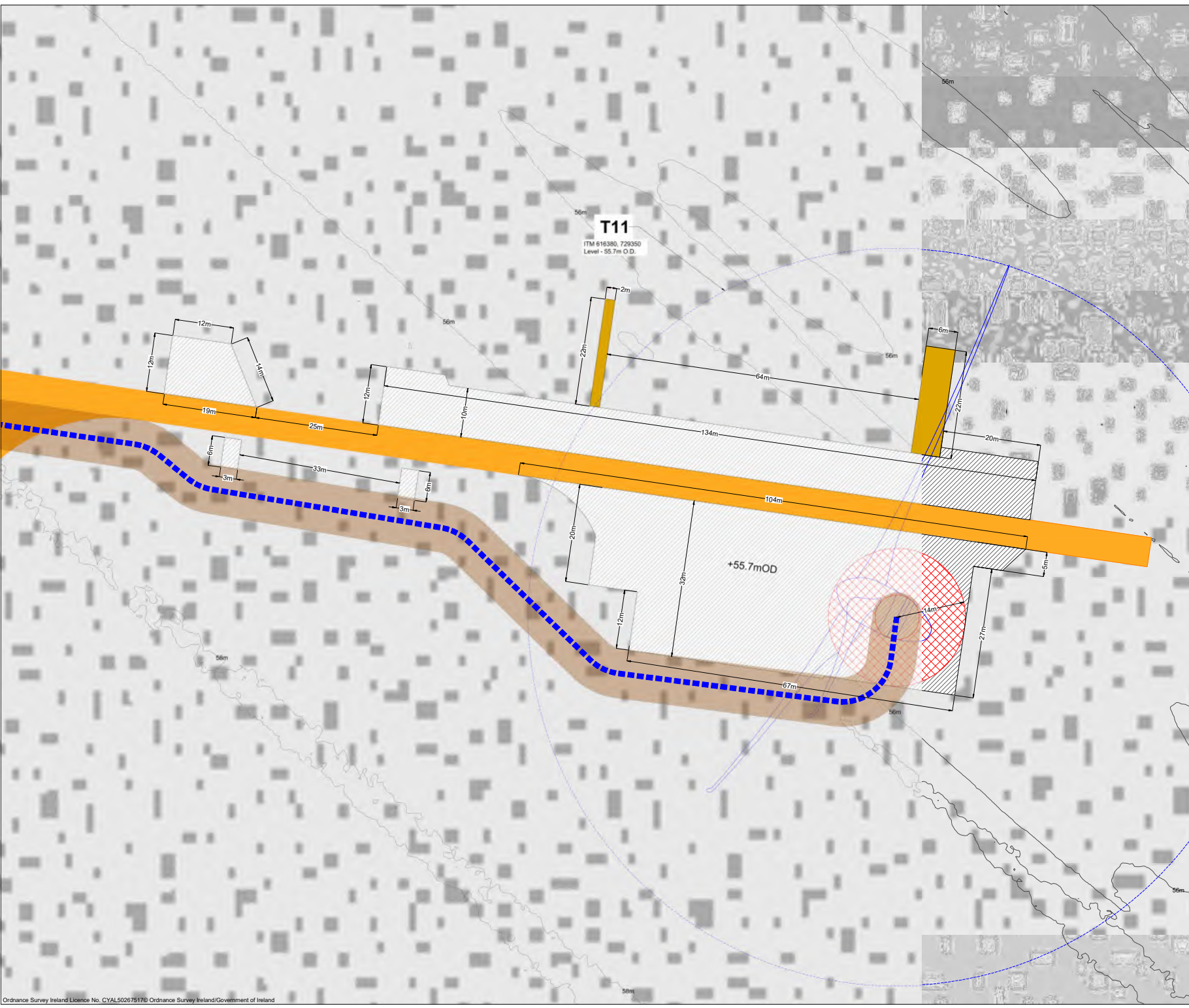


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  7. Layout plans show typical Turbine rotor diameter as per turbine drawing.
  8. Final levels may vary depending on local ground conditions.

**Drawing Legend**

-  Planning Application Boundary
-  Proposed Road
-  Soft Levelled Area
-  Hardstand
-  Turbine Foundation
-  Turbine Sweep Area
-  Electrical Cable Trench Type 02  
Total Distance 3525m
-  Temporary Works Area



PROJECT TITLE:  
**Lemnaghan Wind Farm, Co. Offaly**

DRAWING TITLE:  
**Turbine 11 Layout**

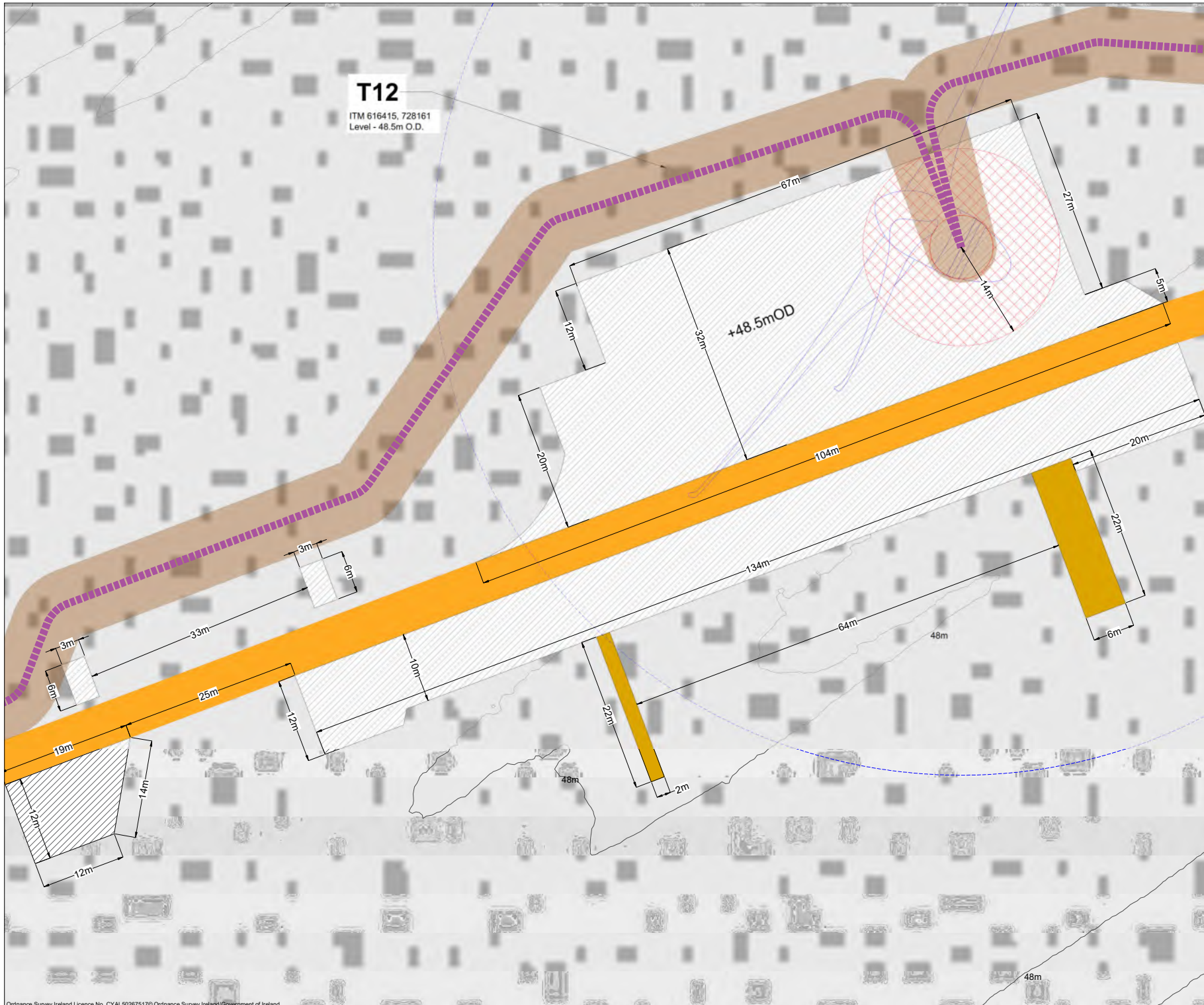
PROJECT No.: **200804**      DRAWING No.: **200804 - 14**      SCALE: **1:500 @ A2**

DRAWN BY: **GO**      CHECKED BY: **RD**      DATE: **23.03.2026**      REVISION: **D04**

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**T12**  
 ITM 616415, 728161  
 Level - 48.5m O.D.

+48.5mOD

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  7. Layout plans show typical Turbine rotor diameter as per turbine drawing.
  8. Final levels may vary depending on local ground conditions.

- Drawing Legend**
- Planning Application Boundary
  - Proposed Road
  - Electrical Cable Trench Type 01  
Total Distance 6261m
  - Soft Levelled Area
  - ▨ Hardstand
  - Turbine Foundation
  - Turbine Sweep Area
  - Temporary Works Area

PROJECT TITLE:  
**Lemanaghan Wind Farm, Co. Offaly**

DRAWING TITLE:  
**Turbine 12 Layout**

PROJECT No.: <b>200804</b>	DRAWING No.: <b>200804 - 15</b>	SCALE: <b>1:500 @ A3</b>
DRAWN BY: <b>GO</b>	CHECKED BY: <b>RD</b>	DATE: <b>23.03.2026</b>
		REVISION: <b>D04</b>

OS SHEET No.:  
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







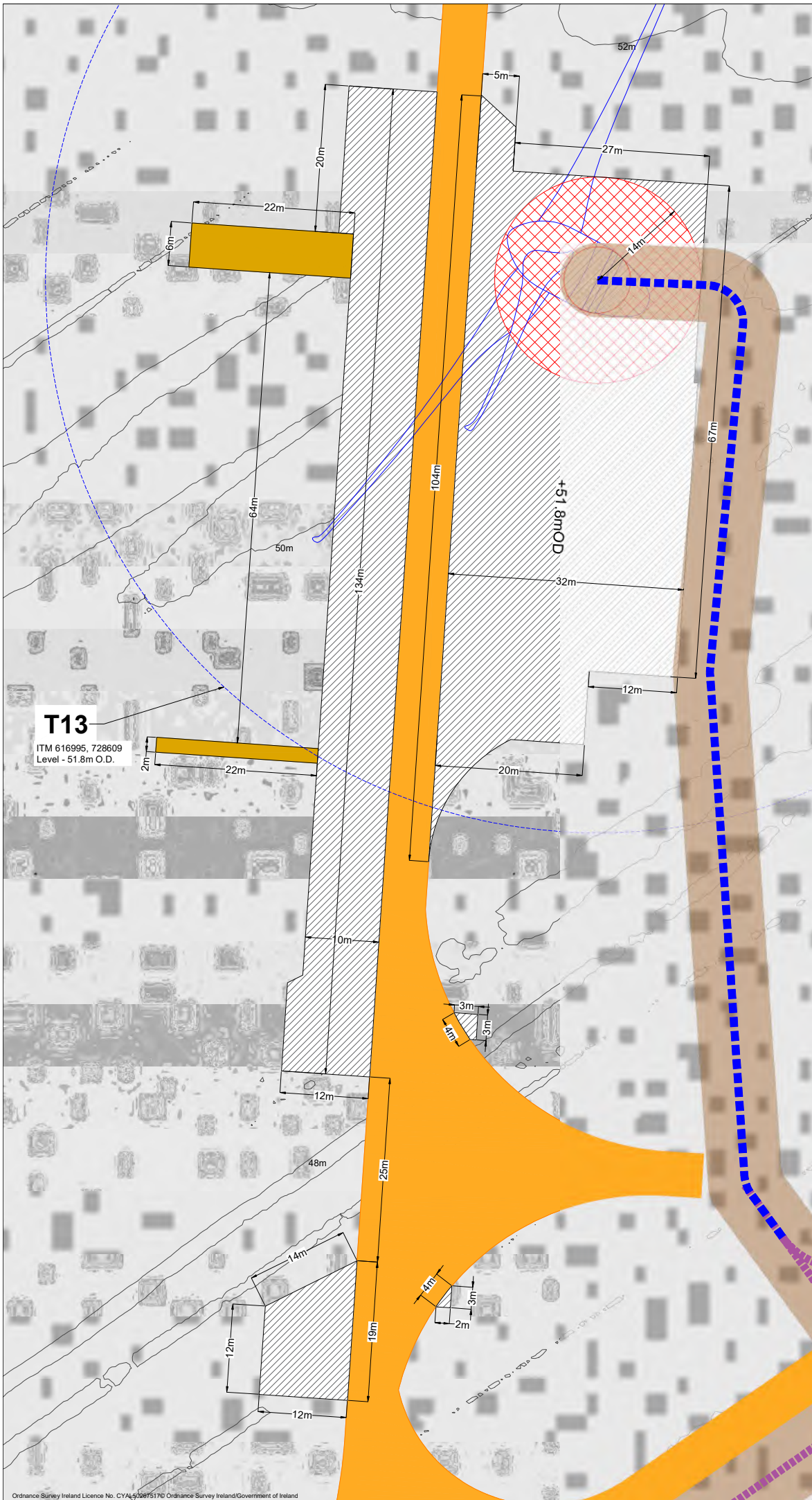
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7. Layout plans show typical Turbine rotor diameter as per turbine drawing.
8. Final levels may vary depending on local ground conditions.

**Drawing Legend**

-  Planning Application Boundary
-  Proposed Road
-  Soft Levelled Area
-  Hardstand
-  Turbine Foundation
-  Turbine Sweep Area
-  Electrical Cable Trench Type 01  
Total Distance 6267m
-  Electrical Cable Trench Type 02  
Total Distance 3525m
-  Temporary Works Area



PROJECT TITLE:  
**Lemanaghan Wind Farm, Co. Offaly**

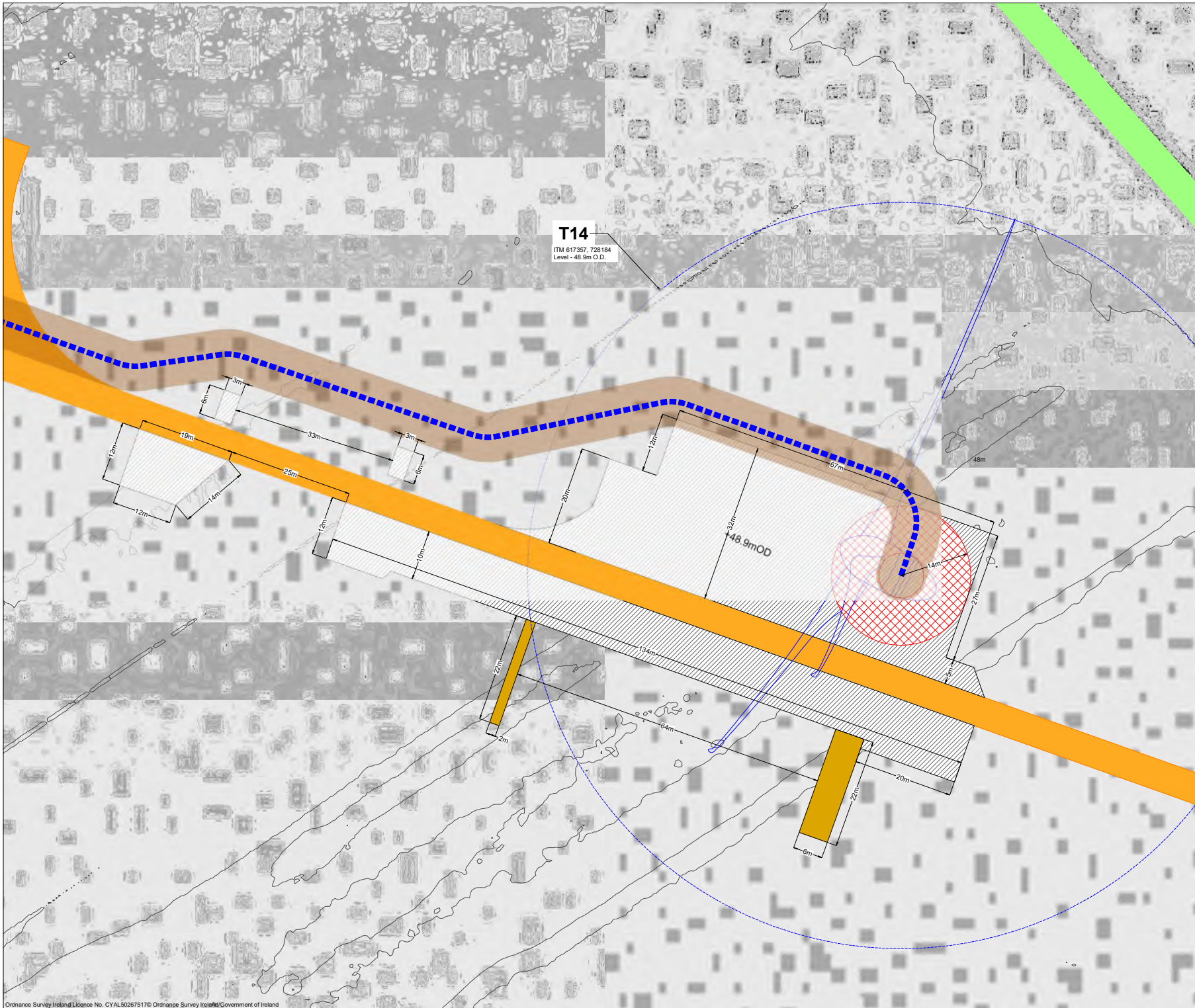
DRAWING TITLE:  
**Turbine 13 Layout**

PROJECT No:	DRAWING No.:	SCALE:
20804	20804 - 16	1:500 @ A3
DRAWN BY: GO	CHECKED BY: RD	DATE: 23.03.2026
		REVISION: D04

OS SHEET No.:  
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**T14**  
ITM 617357, 728184  
Level - 48.9m O.D.

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7. Layout plans show typical Turbine rotor diameter as per turbine drawing.
8. Final levels may vary depending on local ground conditions.

**Drawing Legend**

- Planning Application Boundary
- Existing Road to be Upgraded
- Proposed Road
- - - Electrical Cable Trench Type 02  
Total Distance 3525m
- Soft Levelled Area
- Hardstand
- Turbine Foundation
- Turbine Sweep Area
- Temporary Works Area



PROJECT TITLE:  
**Lemanaghan Wind Farm, Co. Offaly**

DRAWING TITLE:  
**Turbine 14 Layout**

PROJECT No.: <b>200804</b>	DRAWING No.: <b>200804 - 17</b>	SCALE: <b>1:500 @ A2</b>
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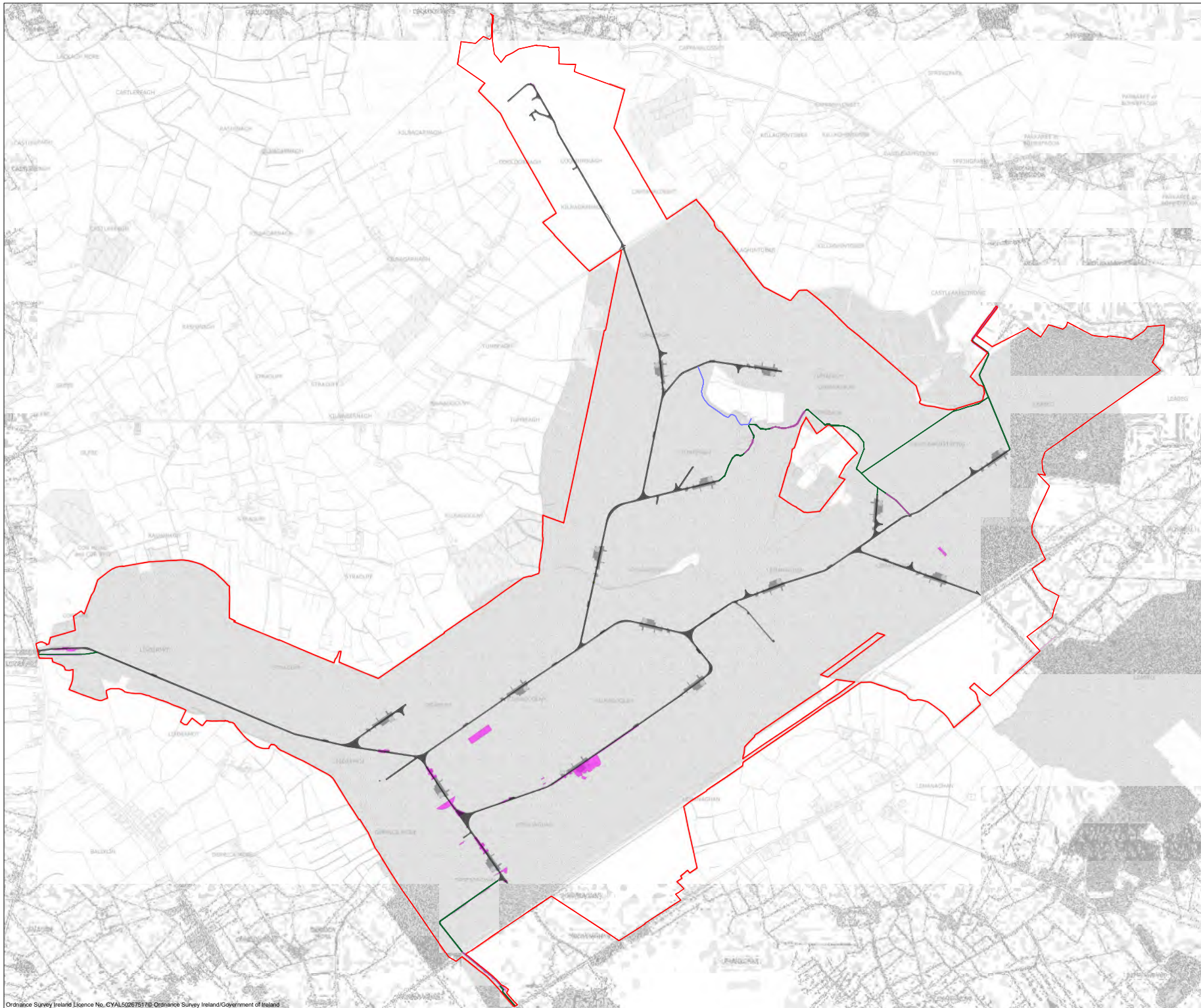
DRAWN BY: <b>GO</b>	CHECKED BY: <b>RD</b>	DATE: <b>23.03.2026</b>	REVISION: <b>D04</b>
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  7. Layout plans show typical Turbine rotor diameter as per turbine drawing.
  8. Final levels may vary depending on local ground conditions.

- Drawing Legend**
- Planning Application Boundary
  - Vegetation Removal areas
  - Proposed Wind Farm Infrastructure
  - Existing Historical Pathway
  - Proposed Upgrades to Existing Roads for Amenity Track
  - Proposed New Amenity Track



PROJECT TITLE:  
**Lemanaghan Wind Farm, Co. Offaly**

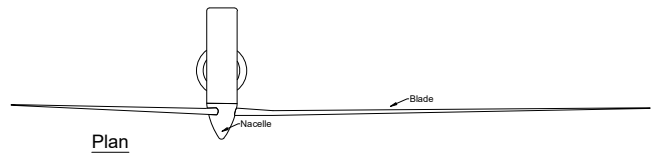
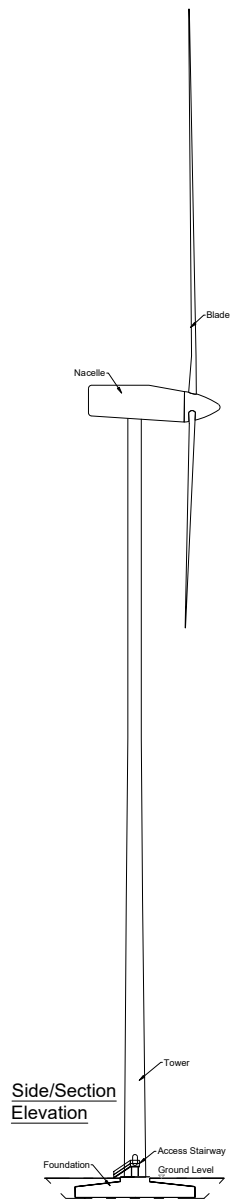
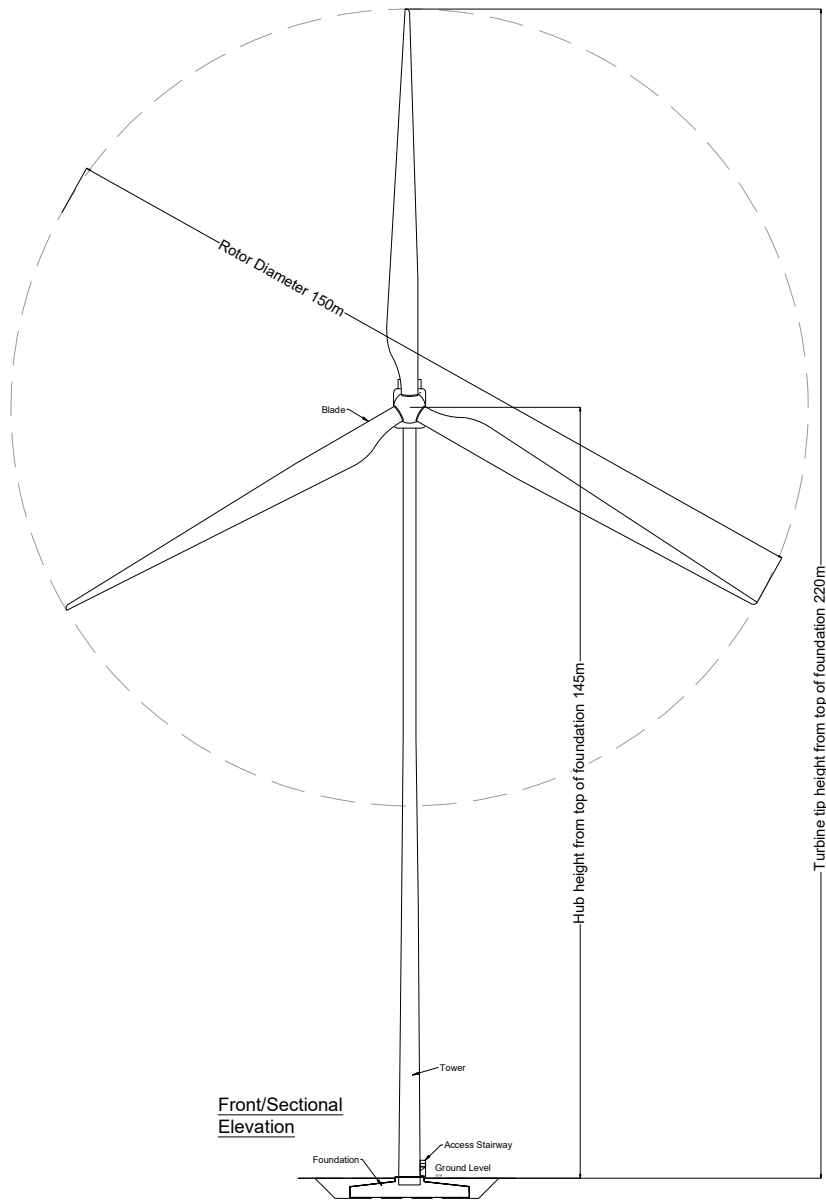
DRAWING TITLE:  
**Vegetation Removal Plan**

PROJECT No.:	DRAWING No.:	SCALE:
200804	200804 - 19	1:10,000 @ A1
DRAWN BY:	CHECKED BY:	DATE:
GO	RD	23.03.2026
		REVISION:
		P01

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**Front/Sectional Elevation**

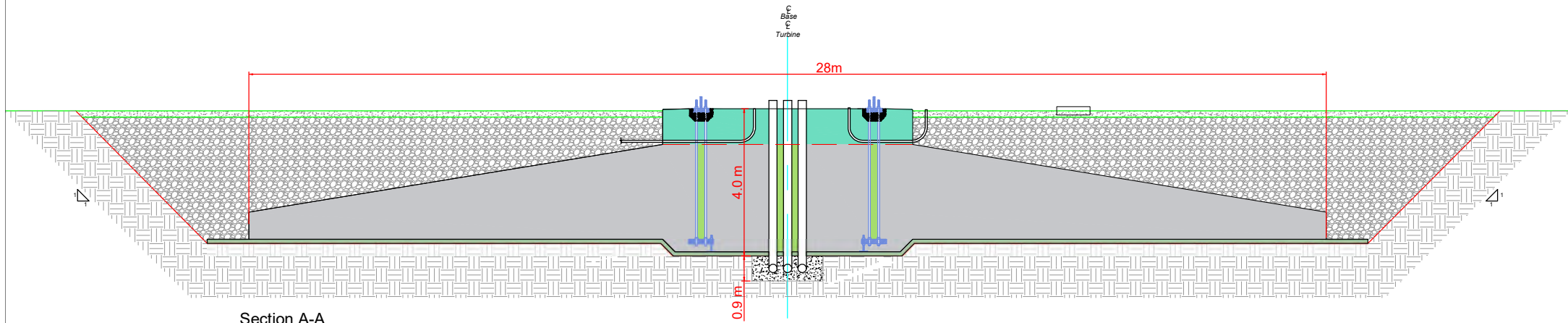
**Side/Section Elevation**

**Plan**

**Drawing Notes**

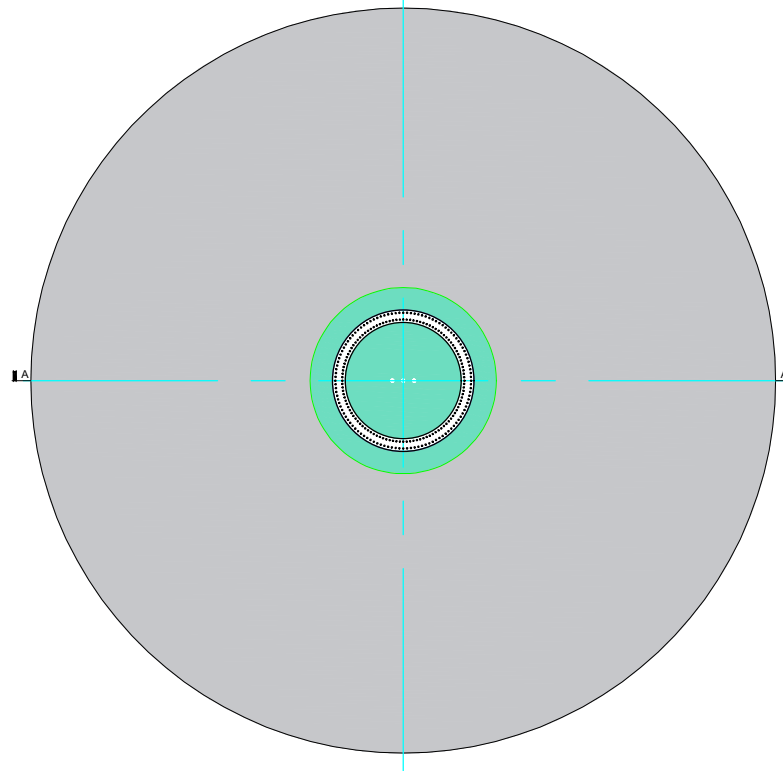
- Proposed wind turbines to have a maximum ground to blade tip height of 220m, blade length of 75m and hub height of 145m

PROJECT TITLE: <b>Lemanaghan Wind Farm, Co. Offaly</b>			
DRAWING TITLE: <b>Wind Turbine Elevations and Plan</b>			
PROJECT No.: <b>200804</b>	DRAWING No.: <b>200804-20</b>	SCALE: <b>1:500 @ A1</b>	
DRAWN BY: <b>FB</b>	CHECKED BY: <b>GO</b>	DATE: <b>23.03.2026</b>	REVISION: <b>P01</b>
			
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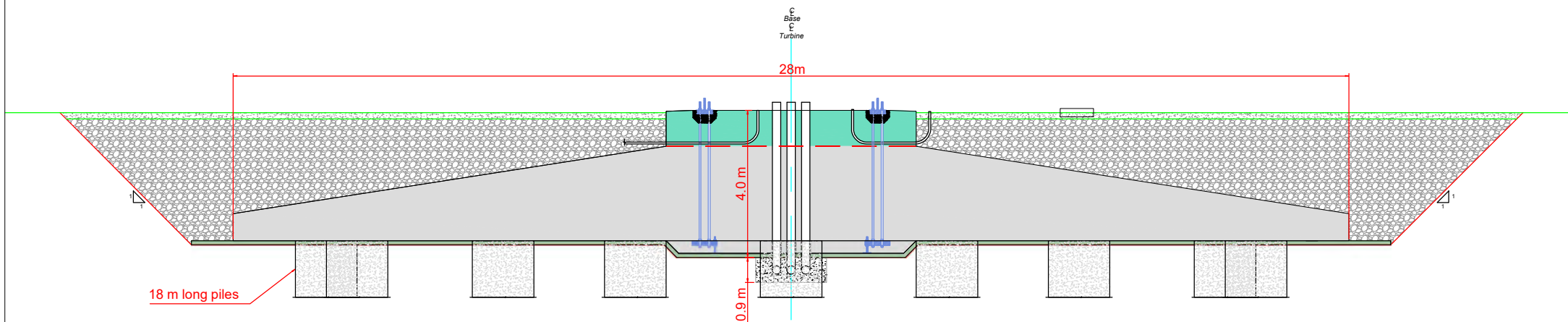
Section A-A  
Scale 1:100

Plan  
Scale: 1:200



PROJECT TITLE:			
<b>Lemanaghan Wind Farm, Co. Offaly</b>			
DRAWING TITLE:			
<b>Gravity Foundation Details</b>			
PROJECT No.:	DRAWING No.:	SCALE:	
<b>200804</b>	<b>200804-21</b>	<b>As shown @ A3</b>	
DRAWN BY:	CHECKED BY:	DATE:	REVISION:
<b>FB</b>	<b>GO</b>	<b>23.03.2026</b>	<b>P01</b>

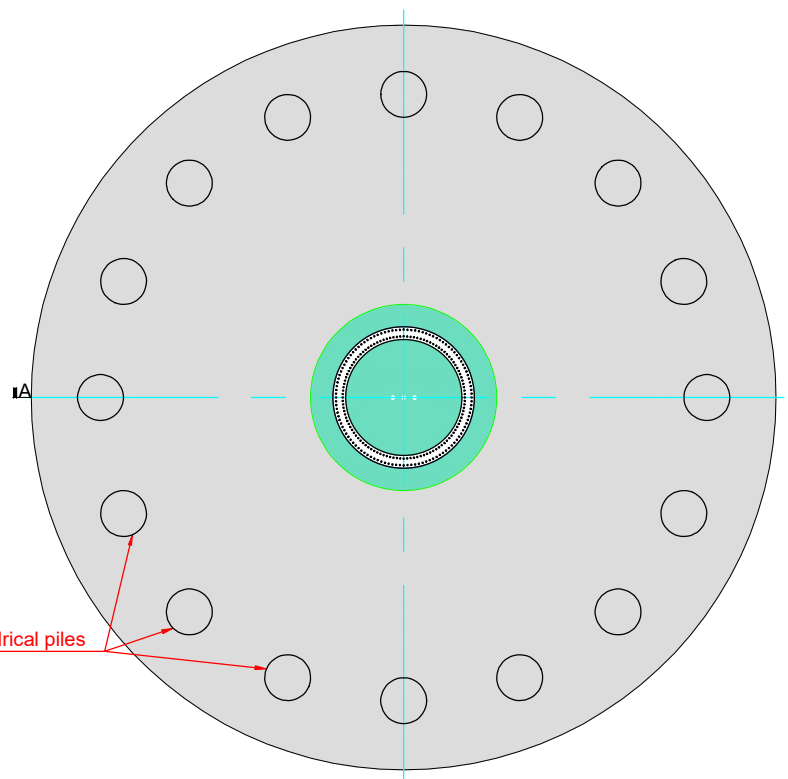




18 m long piles

Section A-A  
Scale 1:100

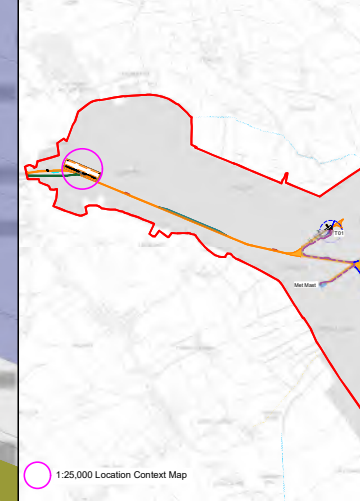
Plan  
Scale: 1:200



16 no. 1200 - 1600 mm cylindrical piles

PROJECT TITLE:			
<b>Lemanaghan Wind Farm, Co. Offaly</b>			
DRAWING TITLE:			
<b>Bored Pile Foundation Details</b>			
PROJECT No.:	DRAWING No.:	SCALE:	
200804	200804-22	As shown @ A3	
DRAWN BY:	CHECKED BY:	DATE:	REVISION:
FB	GO	23.03.2026	P01
			
<small>Email: <a href="mailto:info@www.mkoinland.ie">info@www.mkoinland.ie</a> / Website: <a href="http://www.mkoinland.ie">www.mkoinland.ie</a></small>			

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  7. Layout plans show typical Turbine rotor diameter as per turbine drawing.
  8. Final levels may vary depending on local ground conditions.



**Drawing Legend**

- Proposed Road
- Proposed New Amenity Track
- Ornithological Enhancement and Mitigation
- Linear Replanting

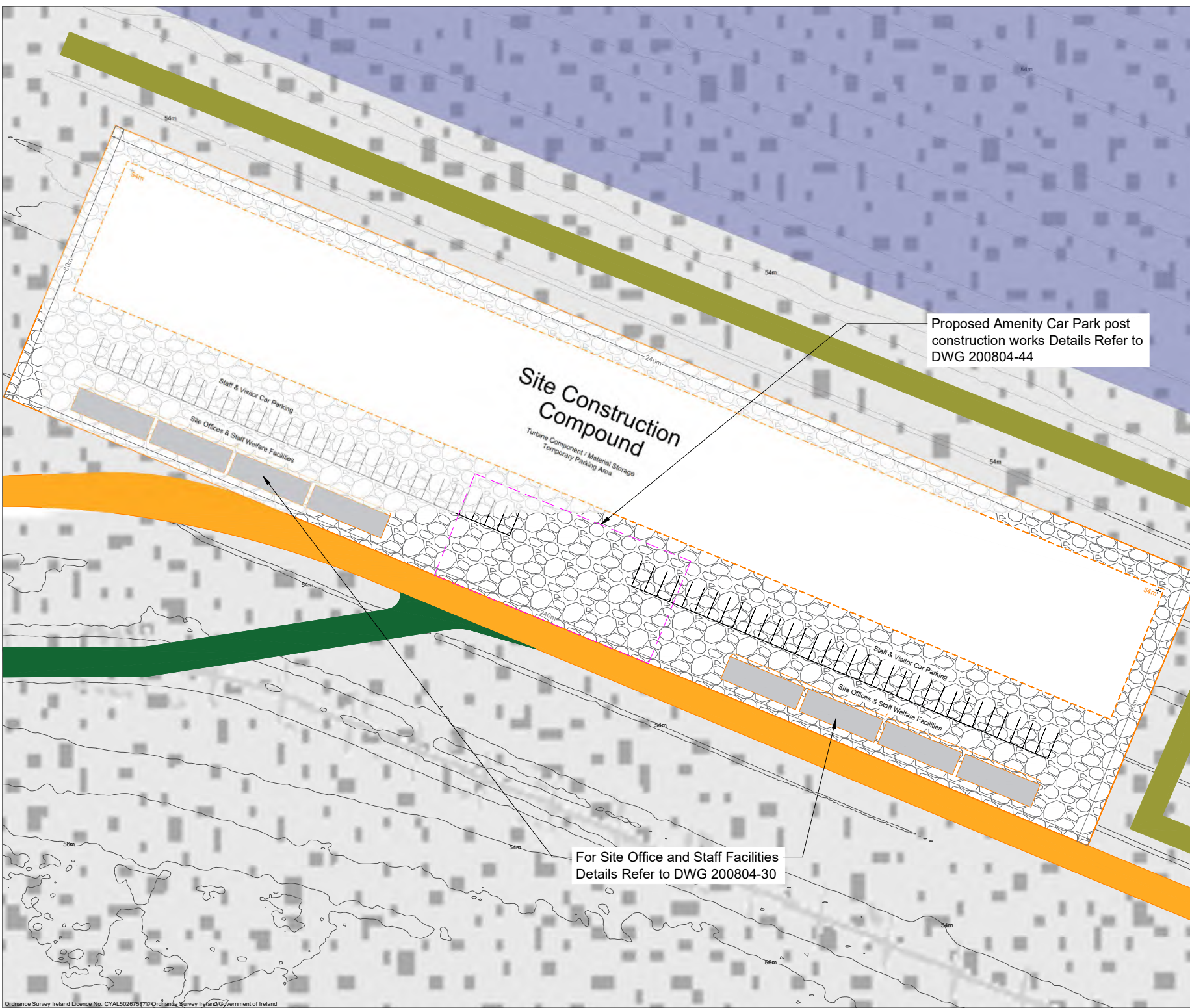
PROJECT TITLE:  
**Lemanaghan Wind Farm, Co. Offaly**

DRAWING TITLE:  
**Temporary Construction Compound 1**

PROJECT No.: <b>200804</b>	DRAWING No.: <b>200804 - 23</b>	SCALE: <b>1:500 @ A2</b>
DRAWN BY: <b>GO</b>	CHECKED BY: <b>RD</b>	DATE: <b>23.03.2026</b>
		REVISION: <b>D04</b>

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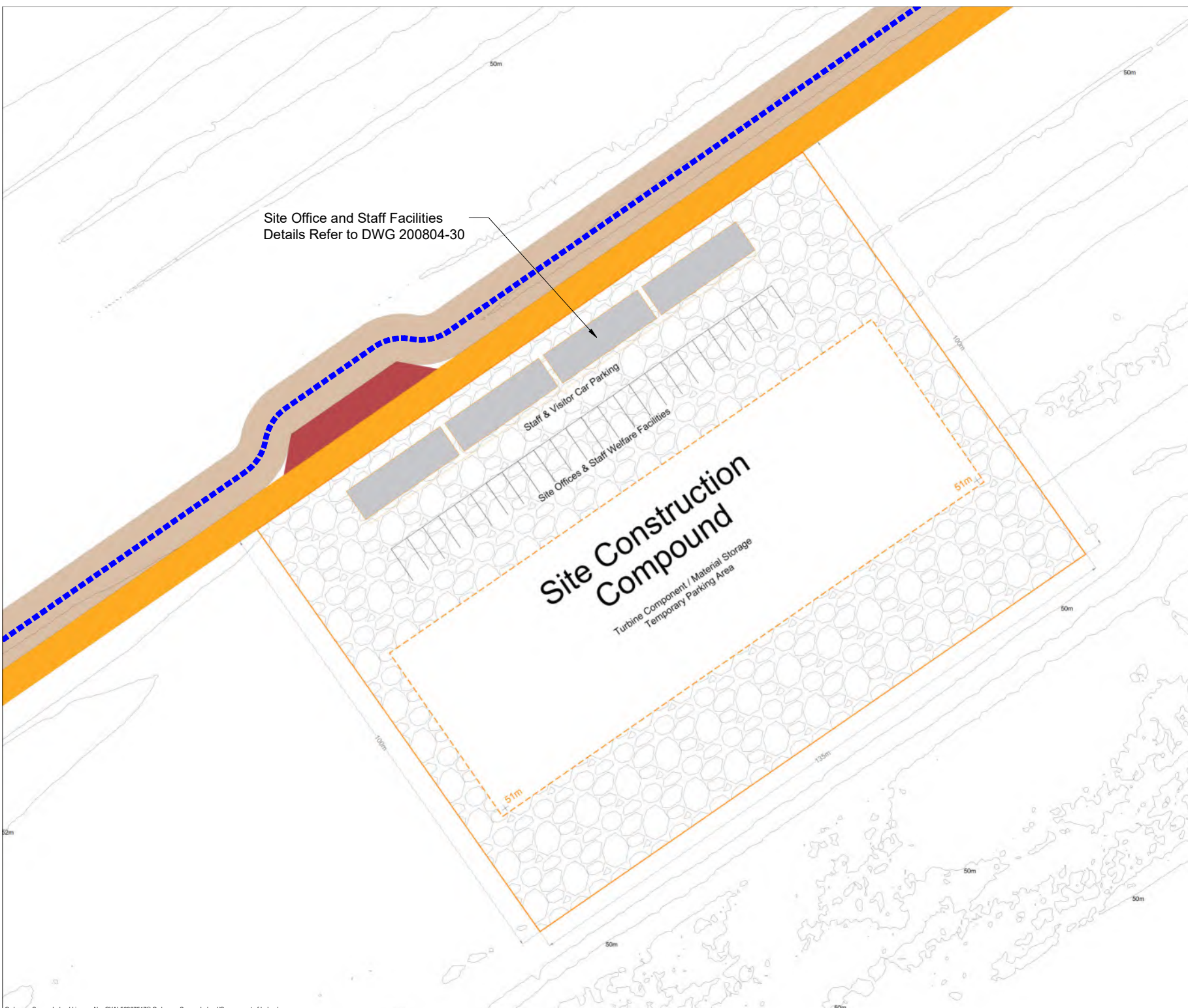


Proposed Amenity Car Park post construction works Details Refer to DWG 200804-44

**Site Construction Compound**  
Turbine Component / Material Storage  
Temporary Parking Area

Staff & Visitor Car Parking  
Site Offices & Staff Welfare Facilities

For Site Office and Staff Facilities  
Details Refer to DWG 200804-30



Site Office and Staff Facilities  
Details Refer to DWG 200804-30

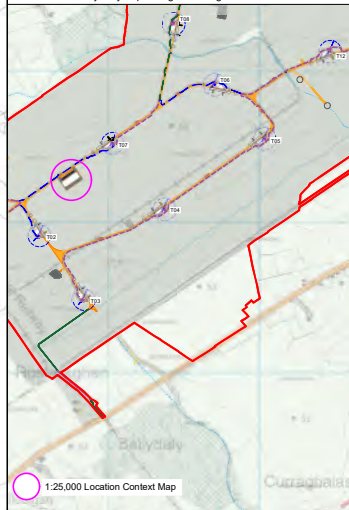
# Site Construction Compound

Turbine Component / Material Storage  
Temporary Parking Area

Staff & Visitor Car Parking

Site Offices & Staff Welfare Facilities

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  7. Layout plans show typical Turbine rotor diameter as per turbine drawing.
  8. Final levels may vary depending on local ground conditions.



**Drawing Legend**

- Proposed Road
- Electrical Cable Trench Type 02  
Total Distance 3525m
- Passing Bay
- Temporary Works Area



PROJECT TITLE:  
**Lemanaghan Wind Farm, Co. Offaly**

DRAWING TITLE:  
**Temporary Construction Compound 2**

PROJECT No.: <b>200804</b>	DRAWING No.: <b>200804 - 24</b>	SCALE: <b>1:500 @ A2</b>
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DRAWN BY: <b>GO</b>	CHECKED BY: <b>RD</b>	DATE: <b>23.03.2026</b>	REVISION: <b>D04</b>
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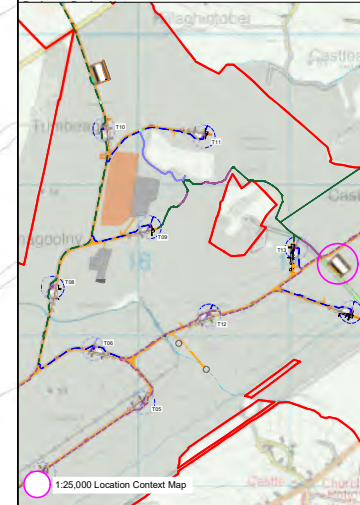
OS SHEET No.:  
3302, 3303, 3304, 3365, 3366, 3367, 3428, 3429, 3430



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3. Copyright, all rights reserved. No part herewith may be copied or reproduced partially or wholly in any form whatsoever without the prior notice of the copyright owner McCarthy Keville O'Sullivan.
4. Do not scale off this drawing. Figured metric dimensions only should be taken off this drawing.
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6. The use of or reliance upon this drawing shall be deemed to be acceptance of these conditions of use unless otherwise agreed in writing, such written agreement to be sought from and issued by the copyright holder to the use or reliance upon this drawing.
7. Layout plans show typical Turbine rotor diameter as per turbine drawing.
8. Final levels may vary depending on local ground conditions.



**Drawing Legend**

- Existing Road to be Upgraded
- Proposed Road
- Proposed Upgrades to Existing Roads for Amenity Track
- Electrical Cable Trench Type 01  
Total Distance 6261m
- Temporary Works Area



PROJECT TITLE:  
**Lemanaghan Wind Farm, Co. Offaly**

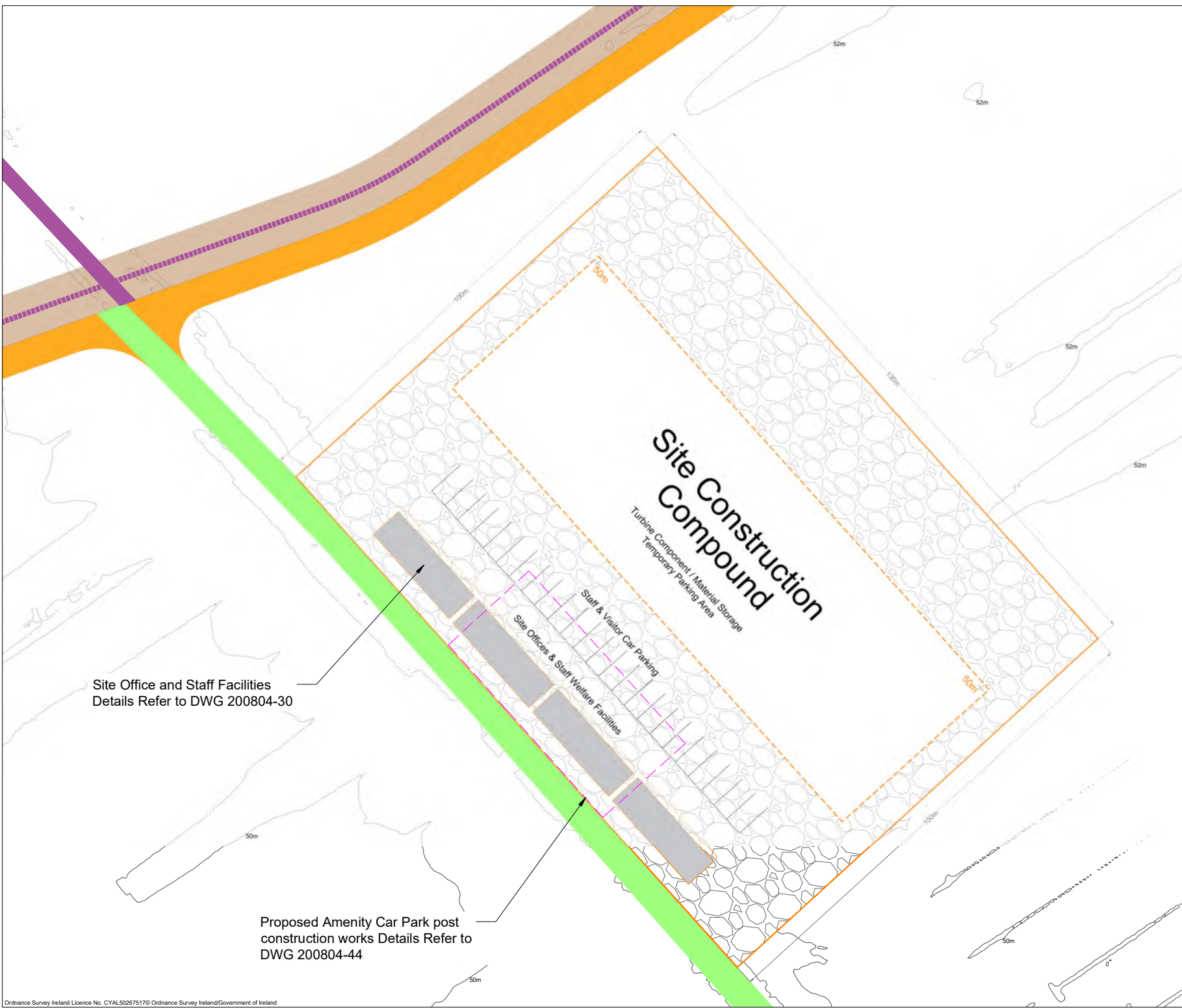
DRAWING TITLE:  
**Temporary Construction Compound 3**

PROJECT No.: <b>200804</b>	DRAWING No.: <b>200804 - 25</b>	SCALE: <b>1:500 @ A2</b>
DRAWN BY: <b>GO</b>	CHECKED BY: <b>RD</b>	DATE: <b>23.03.2026</b>
		REVISION: <b>D04</b>

OS SHEET No.:  
3302, 3303, 3304, 3365, 3366, 3367, 3428, 3429, 3430

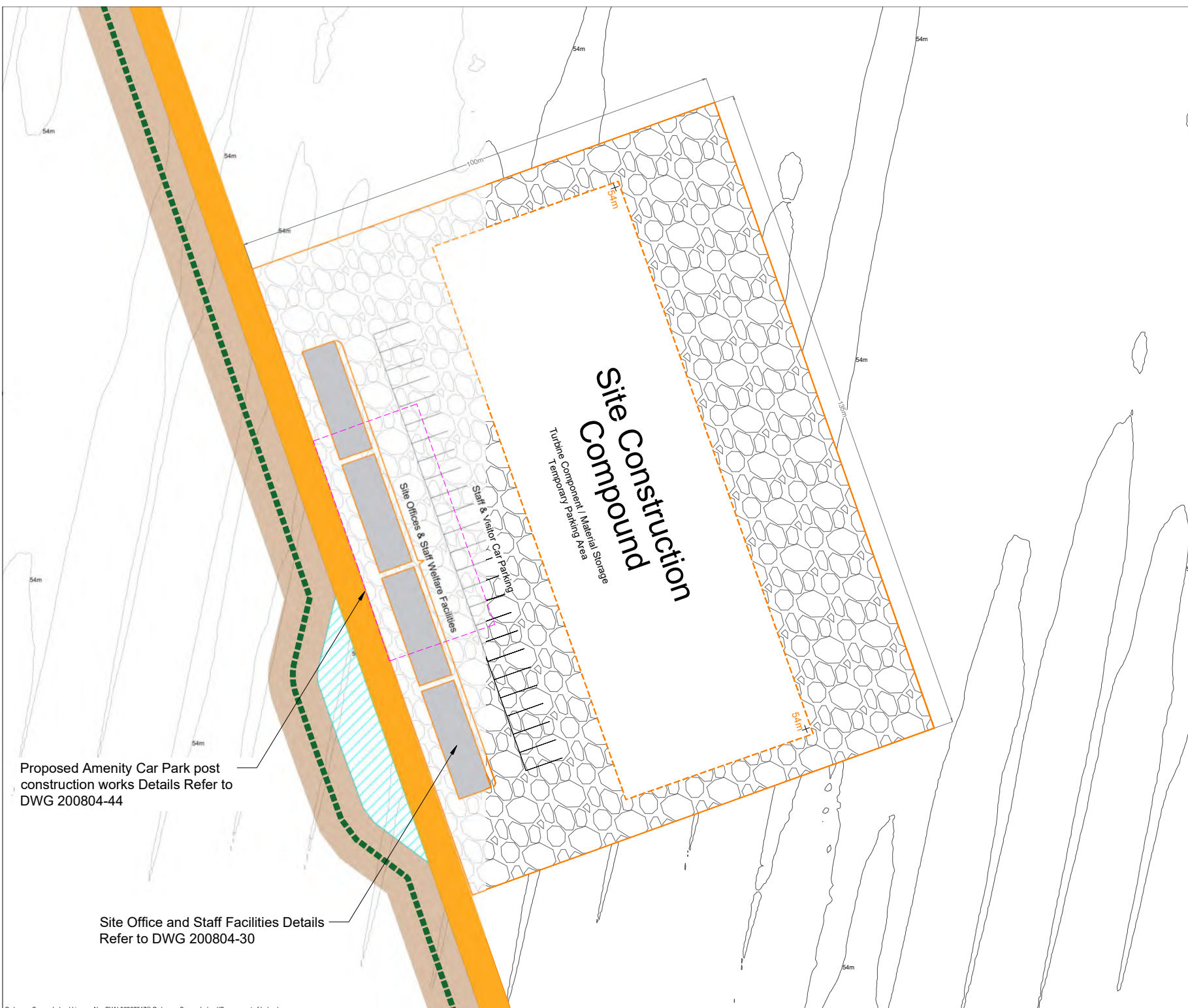


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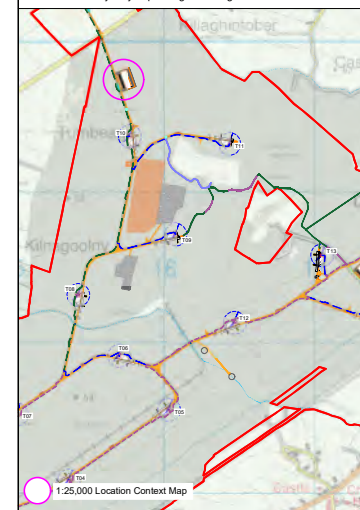


Site Office and Staff Facilities  
Details Refer to DWG 200804-30

Proposed Amenity Car Park post  
construction works Details Refer to  
DWG 200804-44



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  4. Do not scale off this drawing. Figured metric dimensions only should be taken off this drawing.
  5. All contractors, whether main or sub-contractors, must visit the site and are responsible for taking and checking any and all dimensions and levels that relate to the works.
  6. The use of or reliance upon this drawing shall be deemed to be acceptance of these conditions of use unless otherwise agreed in writing, such written agreement to be sought from and issued by the copyright holder to the use or reliance upon this drawing.
  7. Layout plans show typical Turbine rotor diameter as per turbine drawing.
  8. Final levels may vary depending on local ground conditions.



1:25,000 Location Context Map

**Drawing Legend**

- Proposed Road
- Electrical Cable Trench Type 03  
Total Distance 3422m
- Wheelwash
- Temporary Works Area



Proposed Amenity Car Park post construction works Details Refer to DWG 200804-44

Site Office and Staff Facilities Details Refer to DWG 200804-30

PROJECT TITLE:  
**Lemanaghan Wind Farm, Co. Offaly**

DRAWING TITLE:  
**Temporary Construction Compound 4**

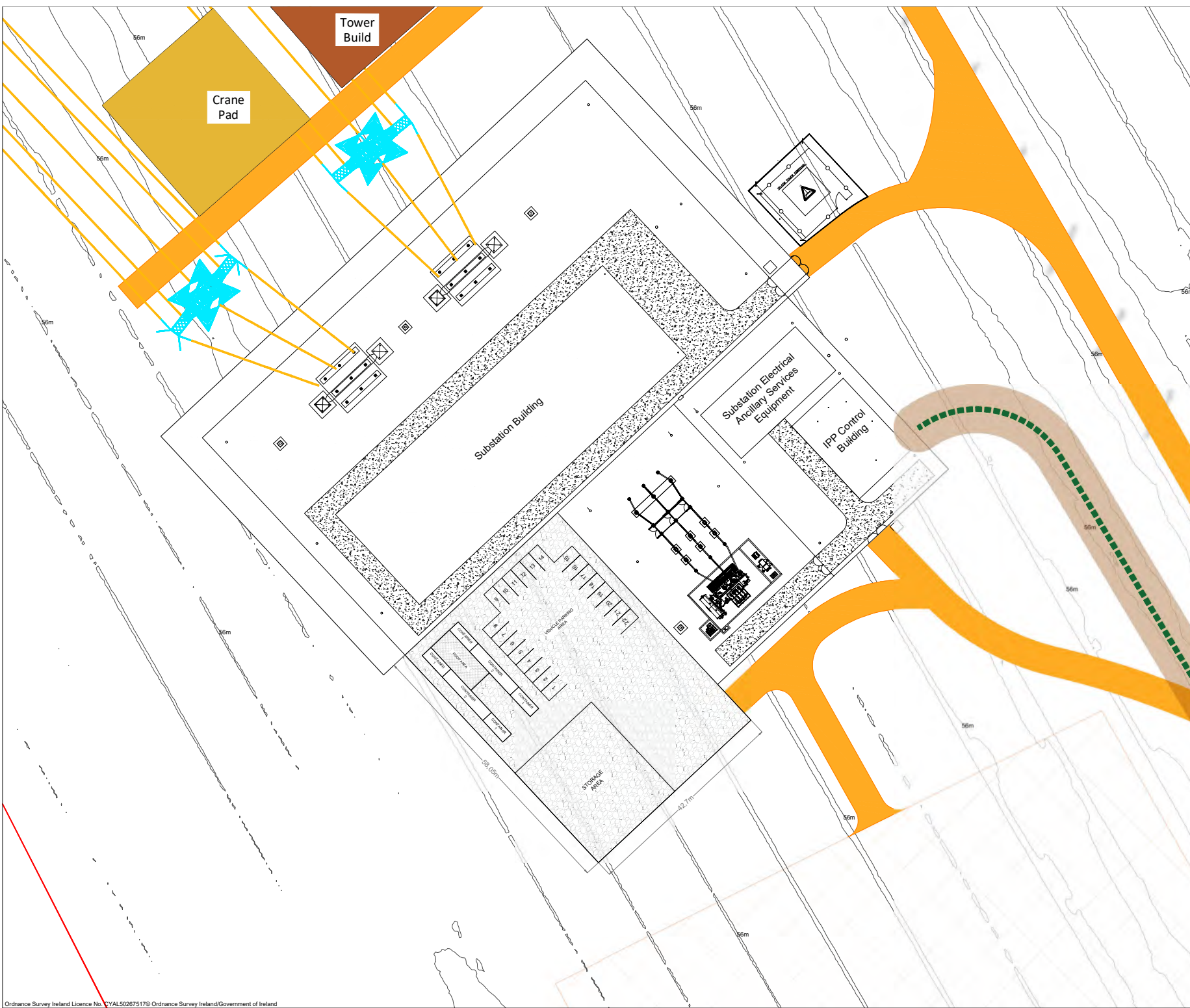
PROJECT No.: <b>200804</b>	DRAWING No.: <b>200804 - 25.1</b>	SCALE: <b>1:500 @ A2</b>
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DRAWN BY: <b>GO</b>	CHECKED BY: <b>RD</b>	DATE: <b>23.03.2026</b>	REVISION: <b>D04</b>
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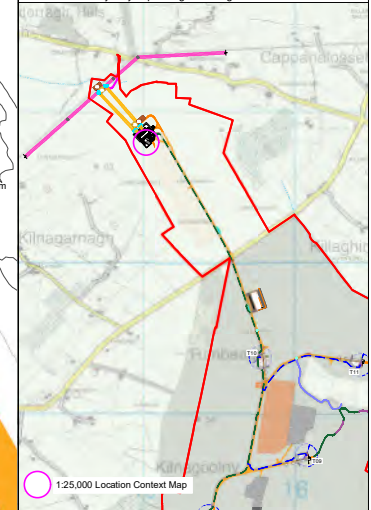
OS SHEET No.:  
3302, 3303, 3304, 3365, 3366, 3367, 3428, 3429, 3430



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  4. Do not scale off this drawing. Figured metric dimensions only should be taken off this drawing.
  5. All contractors, whether main or sub-contractors, must visit the site and are responsible for taking and checking any and all dimensions and levels that relate to the works.
  6. The use of or reliance upon this drawing shall be deemed to be acceptance of these conditions of use unless otherwise agreed in writing, such written agreement to be issued from and issued by the copyright holder to the use or reliance upon this drawing.
  7. Layout plans show typical Turbine rotor diameter as per turbine drawing.
  8. Final levels may vary depending on local ground conditions.



- Drawing Legend**
- Planning Application Boundary
  - Proposed Road
  - Electrical Cable Trench Type 03  
Total Distance 3422m
  - ⊗ Peat Deposition Area
  - ⚡ Proposed Steel Mast
  - Proposed OHL
  - Temporary Works Area



PROJECT TITLE:  
**Lemnaghan Wind Farm, Co. Offaly**

DRAWING TITLE:  
**Temporary Construction Compound 5 & Substation Compound**

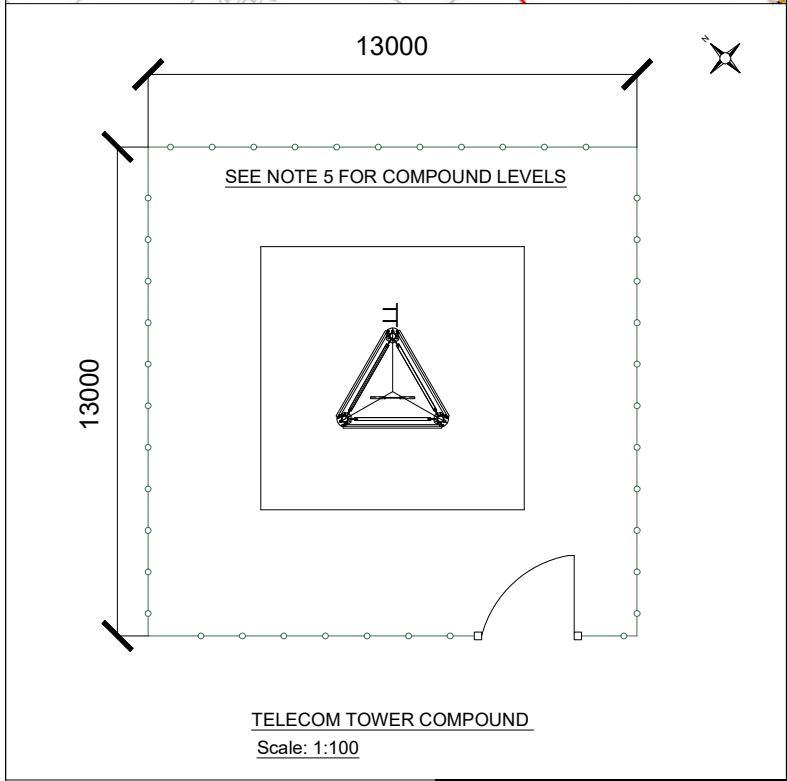
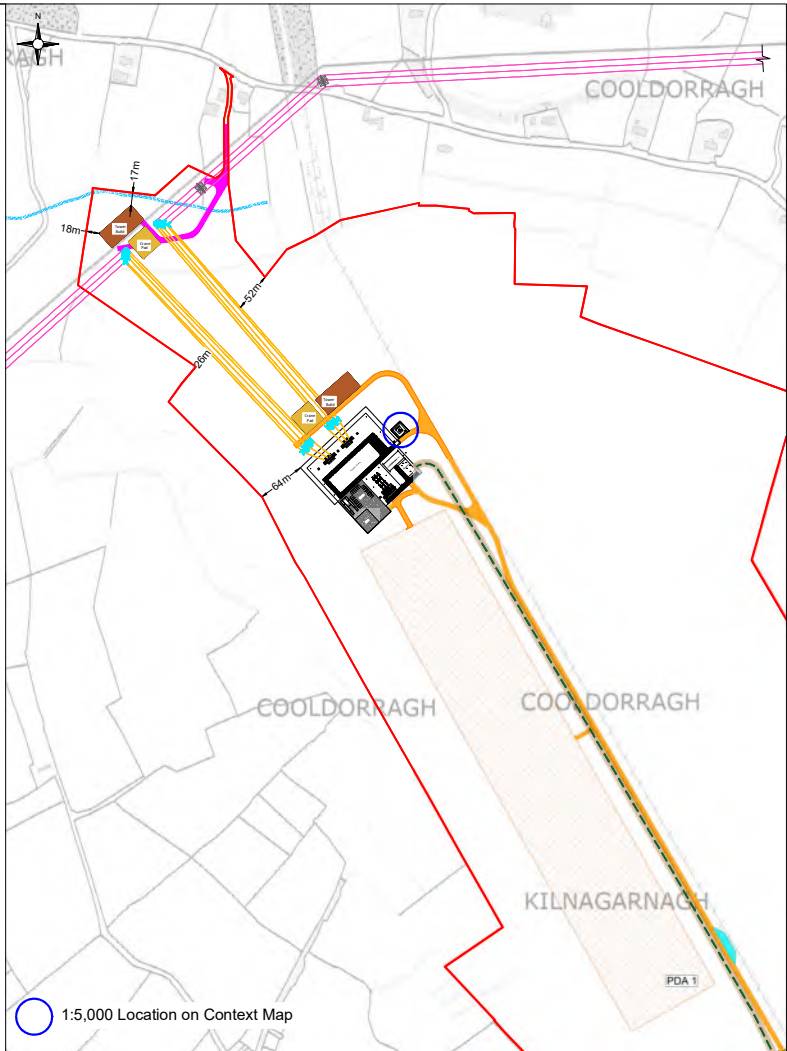
PROJECT No.: <b>200804</b>	DRAWING No.: <b>200804 - 26</b>	SCALE: <b>1:500 @ A2</b>
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DRAWN BY: <b>GO</b>	CHECKED BY: <b>RD</b>	DATE: <b>23.03.2026</b>	REVISION: <b>D04</b>
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OS SHEET No.:  
3302, 3303, 3304, 3365, 3366, 3367, 3428, 3429, 3430

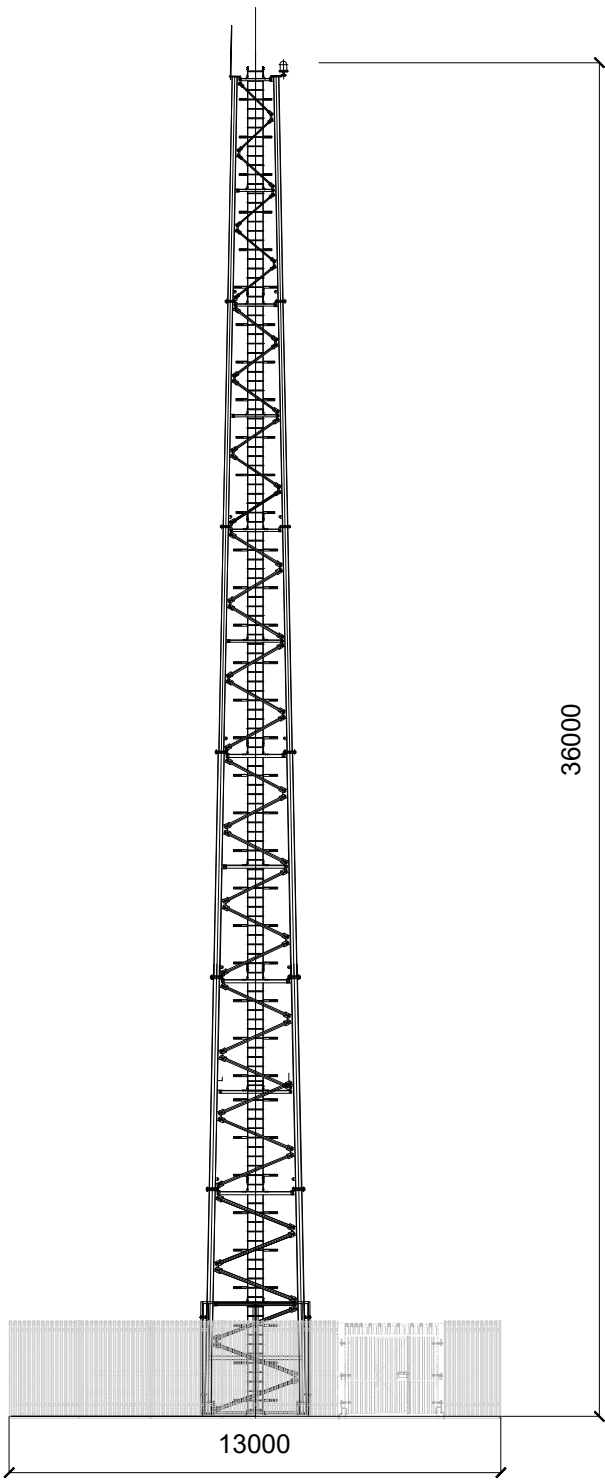


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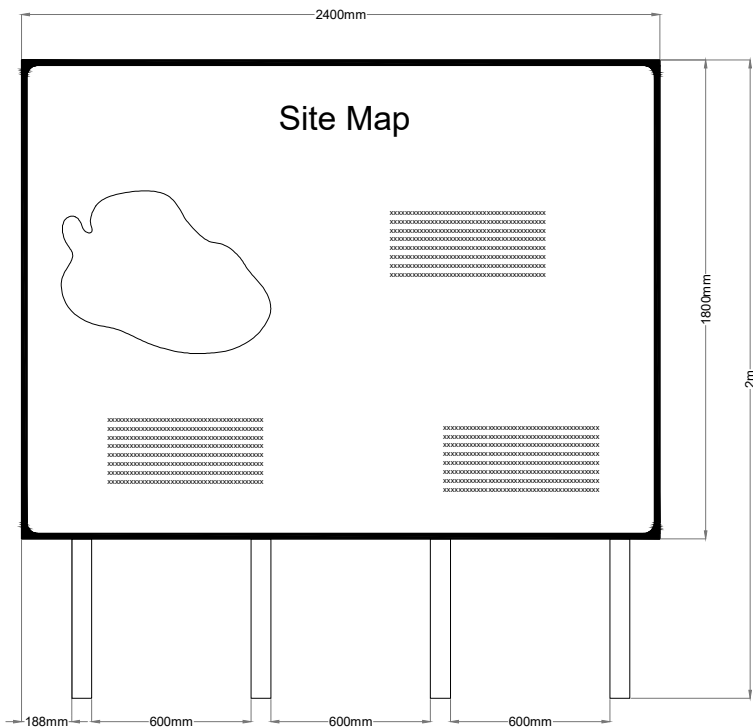
- NOTES:**
1. ALL DIMENSIONS NOTED ARE IN MM
  2. DRAWING IS FOR PLANNING PURPOSES ONLY
  3. EQUIPMENT/STRUCTURE DETAILS ARE INDICATIVE AND WILL BE FINALISED DURING DETAILED DESIGN
  4. DETAILED DESIGN SHALL BE CARRIED OUT IN LINE WITH SYSTEM OPERATOR AND ASSET OWNER SPECIFICATIONS
  5. COMPOUND LEVELS AS FOLLOWS:  
(56.45mOD + 0.3m FREEBOARD)

PROJECT TITLE: <b>Lemanaghan Wind Farm, Co. Offaly</b>			
DRAWING TITLE: <b>Telecom Tower</b>			
PROJECT No.: <b>200804</b>	DRAWING No.: <b>200804 - 27</b>	SCALE: <b>As shown @ A2</b>	
DRAWN BY: <b>GO</b>	CHECKED BY: <b>RD</b>	DATE: <b>23.03.2026</b>	REVISION: <b>D04</b>
			
<small>Email: <a href="mailto:info@www.mkoireland.ie">info@www.mkoireland.ie</a> / Website: <a href="http://www.mkoireland.ie">www.mkoireland.ie</a></small>			

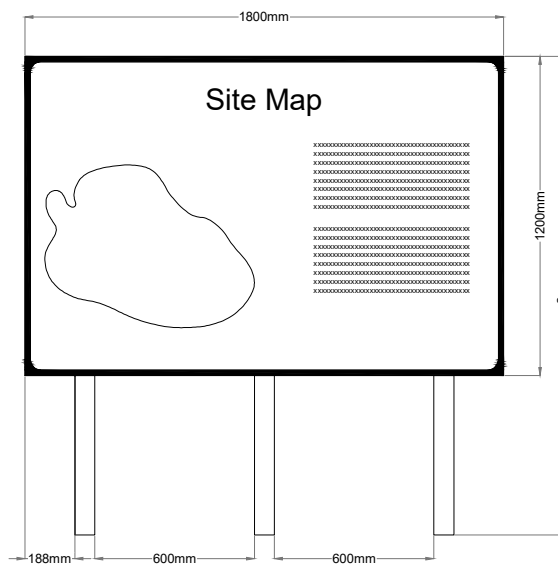


**TELCOM TOWER STRUCTURE VIEW**  
Scale: 1:100

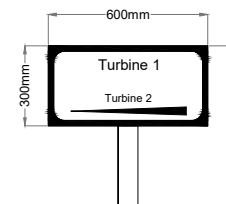
Note  
For illustrative purposes only  
exact details to be confirmed



Signage Type A - Waypoint Map Signage



Signage Type B -Entry Point Signage

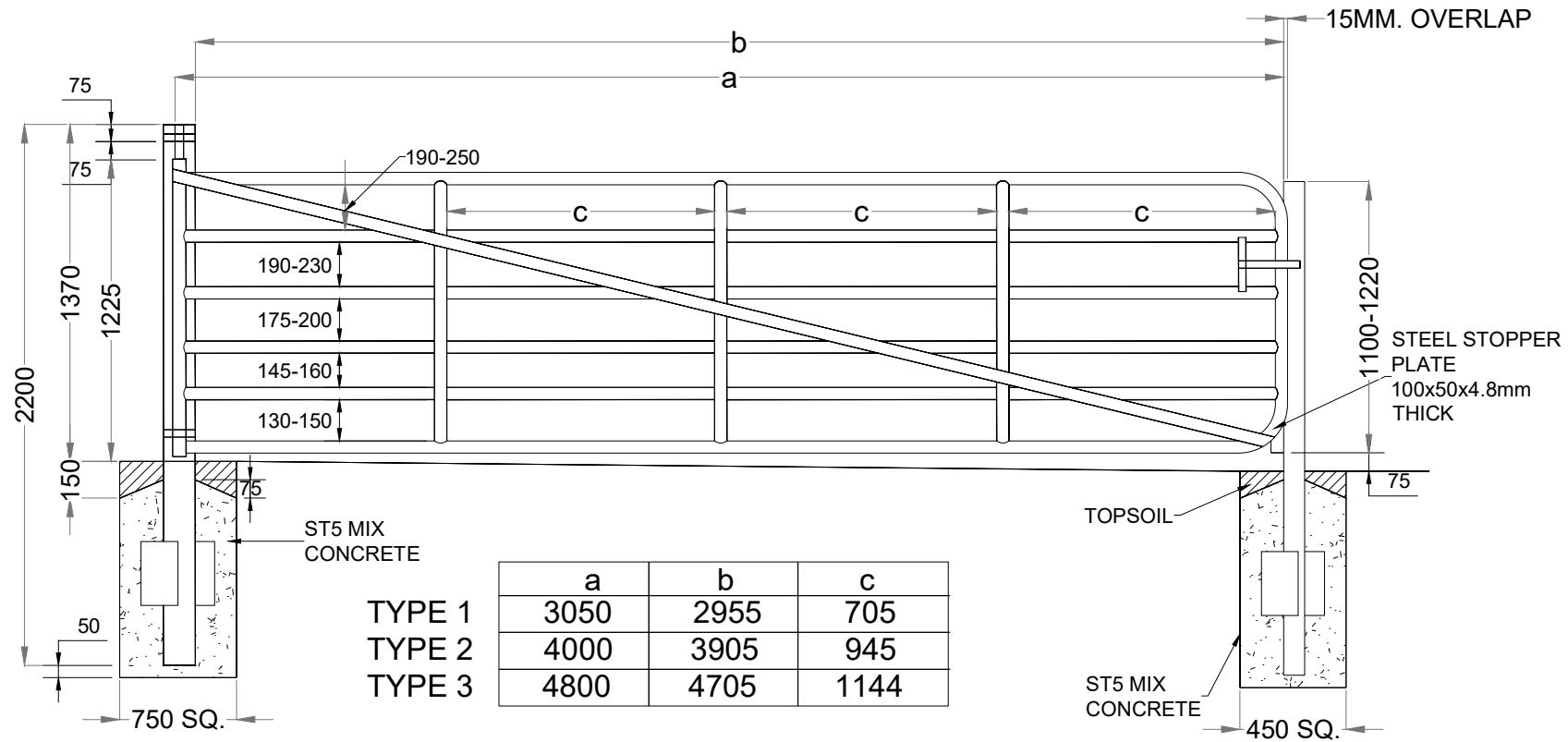


Signage Type C - Way Point Direction Signage

PROJECT TITLE: <b>Lemanaghan Wind Farm, Co. Offaly</b>			
DRAWING TITLE: <b>Signage Detail</b>			
PROJECT No.: <b>200804</b>	DRAWING No.: <b>200804-28</b>	SCALE: <b>1:20 @ A3</b>	
DRAWN BY: <b>FB</b>	CHECKED BY: <b>GO</b>	DATE: <b>23.03.2026</b>	REVISION: <b>P01</b>



All DIMENSIONS IN mm  
UNLESS OTHERWISE NOTED

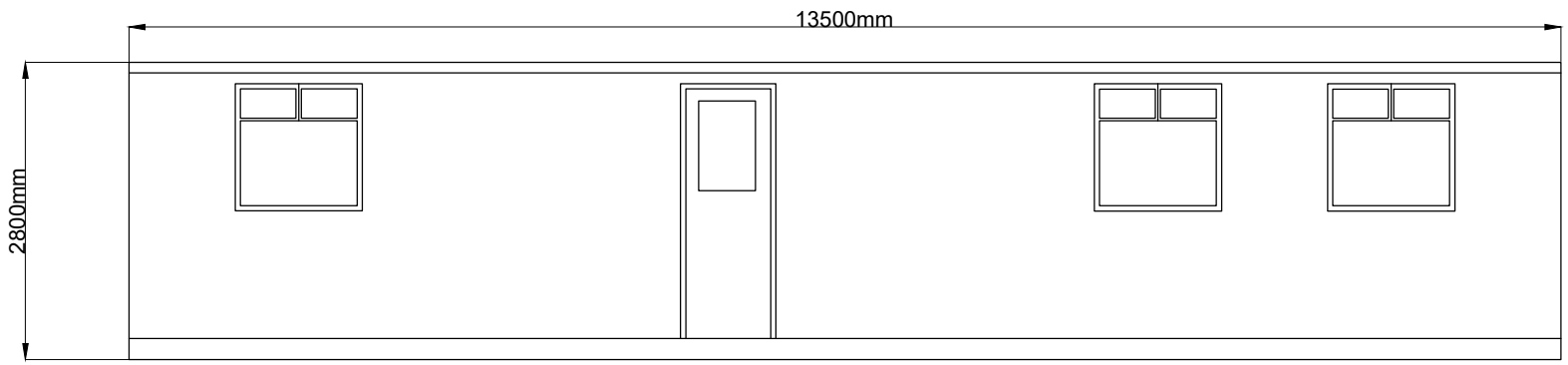


TYPE 1  
TYPE 2  
TYPE 3

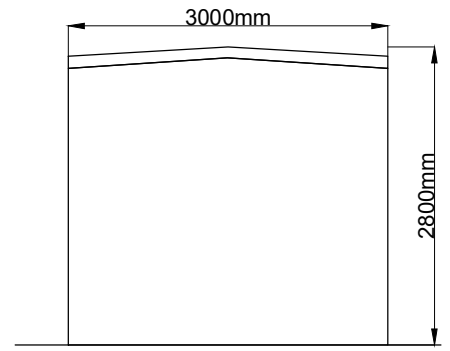
	a	b	c
TYPE 1	3050	2955	705
TYPE 2	4000	3905	945
TYPE 3	4800	4705	1144

PROJECT TITLE: <b>Lemanaghan Wind Farm, Co. Offaly</b>			
DRAWING TITLE: <b>Field Gate Detail</b>			
PROJECT No.: <b>200804</b>	DRAWING No.: <b>200804-29</b>	SCALE: <b>1:20 @ A3</b>	
DRAWN BY: <b>FB</b>	CHECKED BY: <b>GO</b>	DATE: <b>23.03.2026</b>	REVISION: <b>P01</b>





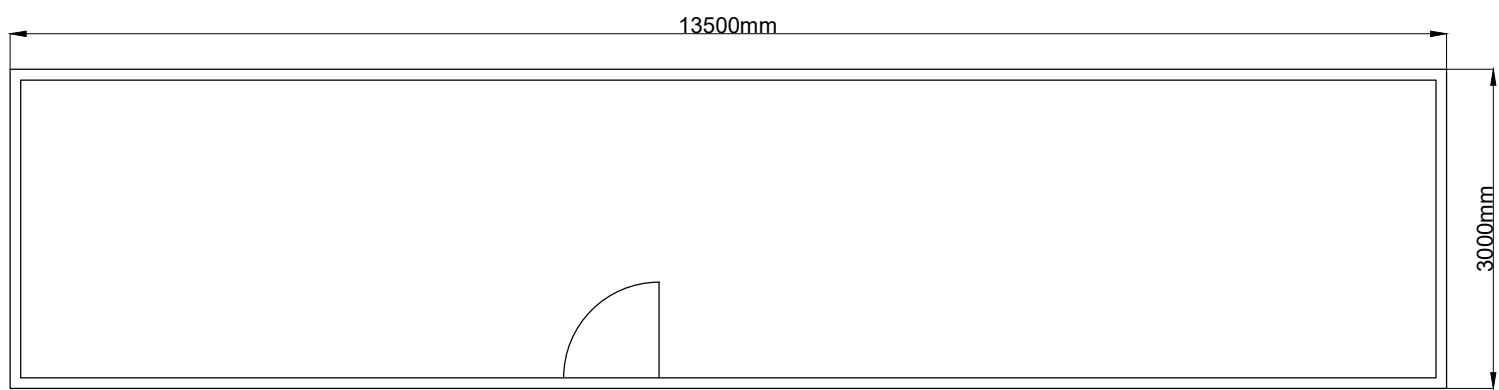
FRONT ELEVATION



SIDE ELEVATION



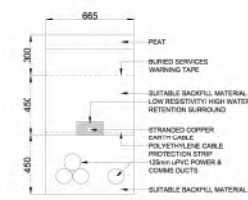
REAR ELEVATION



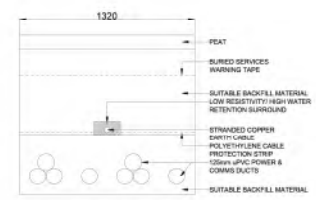
PLAN VIEW

PROJECT TITLE:			
<b>Lemanaghan Wind Farm, Co. Offaly</b>			
DRAWING TITLE:			
<b>Site Office &amp; Staff Facilities Detail</b>			
PROJECT No.:	DRAWING No.:	SCALE:	
200804	200804-30	1:50 @ A3	
DRAWN BY:	CHECKED BY:	DATE:	REVISION:
FB	GO	23.03.2026	P01

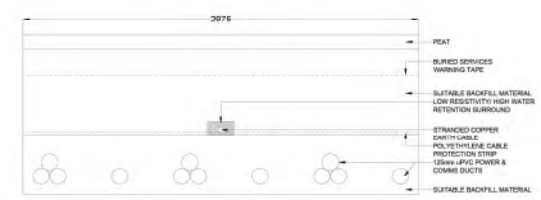




CABLE TRENCH TYPE 1

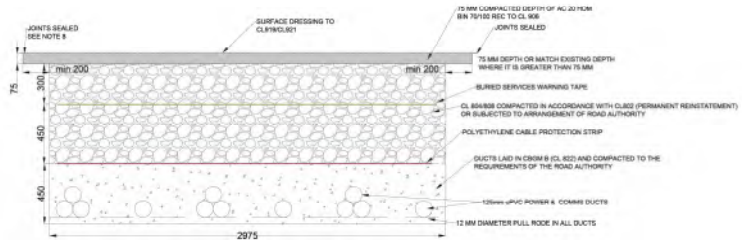


CABLE TRENCH TYPE 2

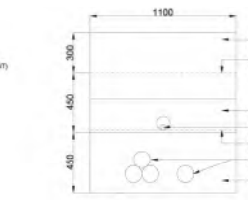


CABLE TRENCH TYPE 3

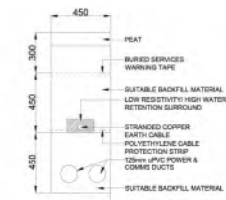
- NOTES:
1. ALL DIMENSIONS NOTED ARE IN MM
  2. DRAWING IS FOR PLANNING PURPOSES ONLY
  3. COPPER STRANDED EARTH CABLE TO BE SIZED IN ACCORDANCE WITH EARTHING AND LIGHTNING STUDIES
  4. SUITABLE BACKFILL MATERIAL IS SUBJECT TO THE APPROVAL OF THE RESIDENT ENGINEER
  5. TRENCH WIDTHS ARE INDICATIVE ARE TO BE CONFIRMED DURING DETAILED DESIGN
  6. DUCTING DESIGN SHOWN IS INDICATIVE AND DUCT TYPE / LOCATION / SPACING IS TO BE CONFIRMED WITH THE ELECTRICAL CONTRACTOR/ DESIGNER PRIOR TO CONSTRUCTION WORKS COMMENCING
  7. CABLE TRENCHING ROUTE IS TO AVOID TURBINE HARD STANDING AREA
  8. JOINT SEALER SHALL BE A HOT 50 PEN BITUMEN BINDER OR COLD THIXOTROPIC BITUMEN 50-70 PEN TO BE APPLIED TO ALL VERTICAL CUTS IN ACCORDANCE WITH B.S 554987 PRIOR TO APPLICATION OF BITUMINOUS MATERIAL



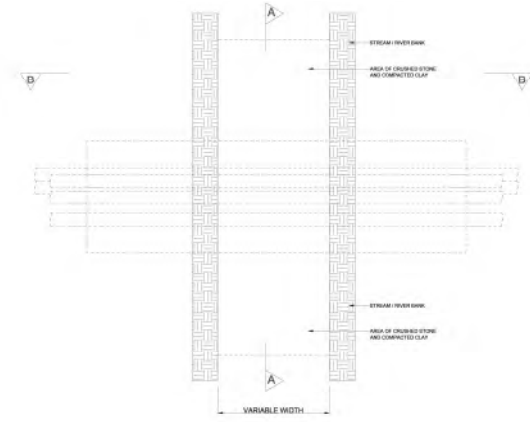
REINSTATEMENT DETAILS BASED ON GUIDELINES FOR MANAGING OPENINGS IN PUBLIC ROADS



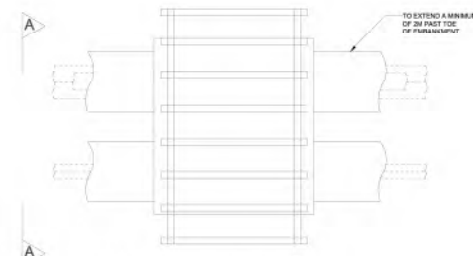
ROAD CROSSING TRENCH DETAIL



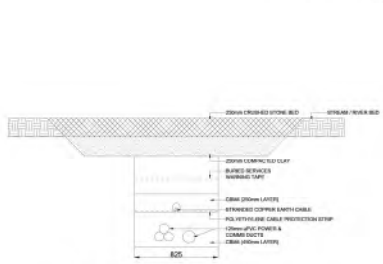
MET MAST TRENCH DETAIL



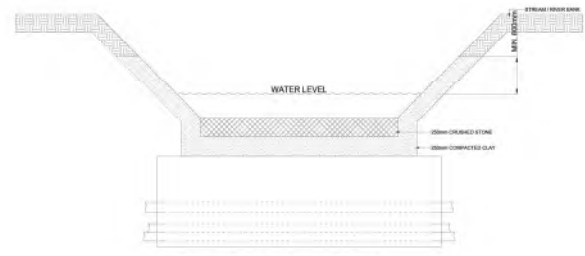
STREAM CROSSING TRENCH DETAIL PLAN VIEW



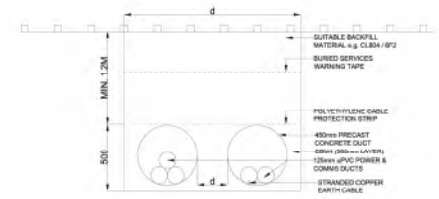
RAIL CROSSING TRENCH DETAIL PLAN VIEW



STREAM CROSSING TRENCH DETAIL SECTION VIEW A - A



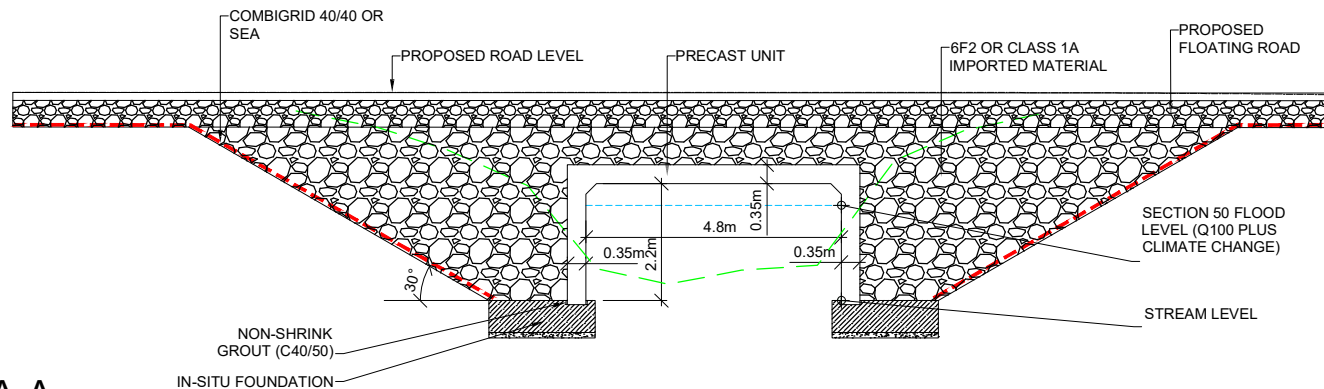
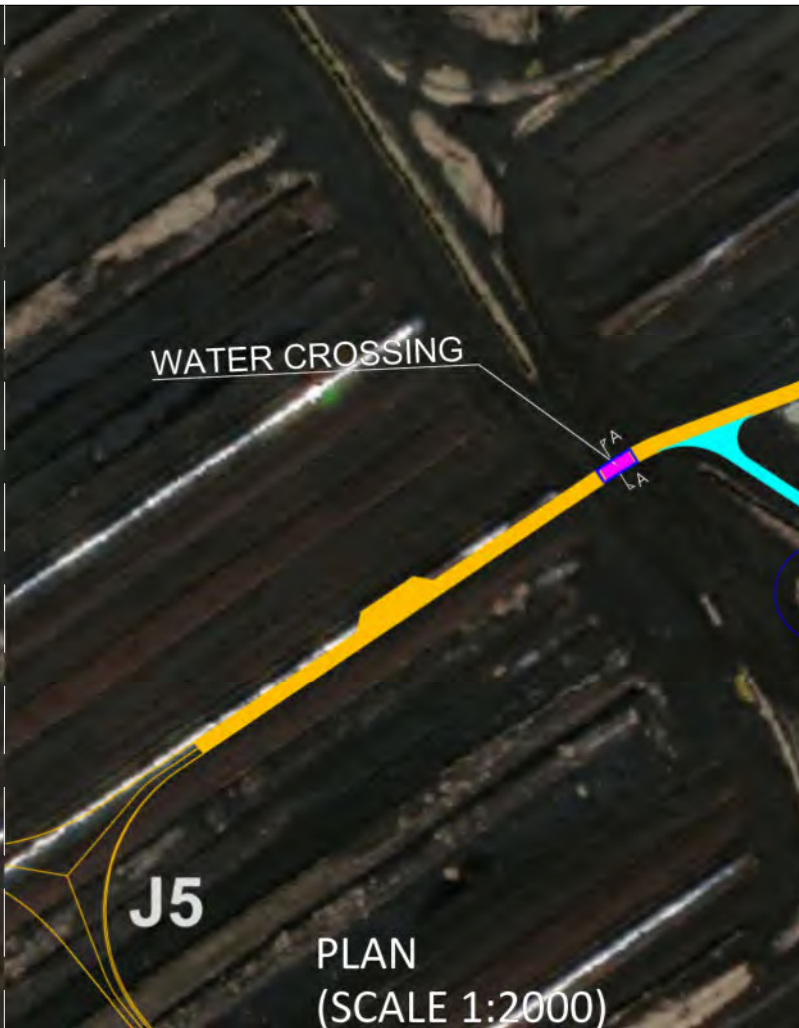
STREAM CROSSING TRENCH DETAIL SECTION VIEW B - B



RAIL CROSSING TRENCH DETAIL SECTION VIEW A - A

PROJECT TITLE: <b>Lemanaghan Wind Farm, Co. Offaly</b>			
DRAWING TITLE: <b>Internal Collector Network Trench Arrangement Detail</b>			
PROJECT No.: <b>200804</b>	DRAWING No.: <b>200804-31</b>	SCALE: <b>1:20 @ A1</b>	
DRAWN BY: <b>FB</b>	CHECKED BY: <b>GO</b>	DATE: <b>23.03.2026</b>	REVISION: <b>P01</b>





**SECTION A-A**  
SCALE 1: 100

**Drawing Notes**

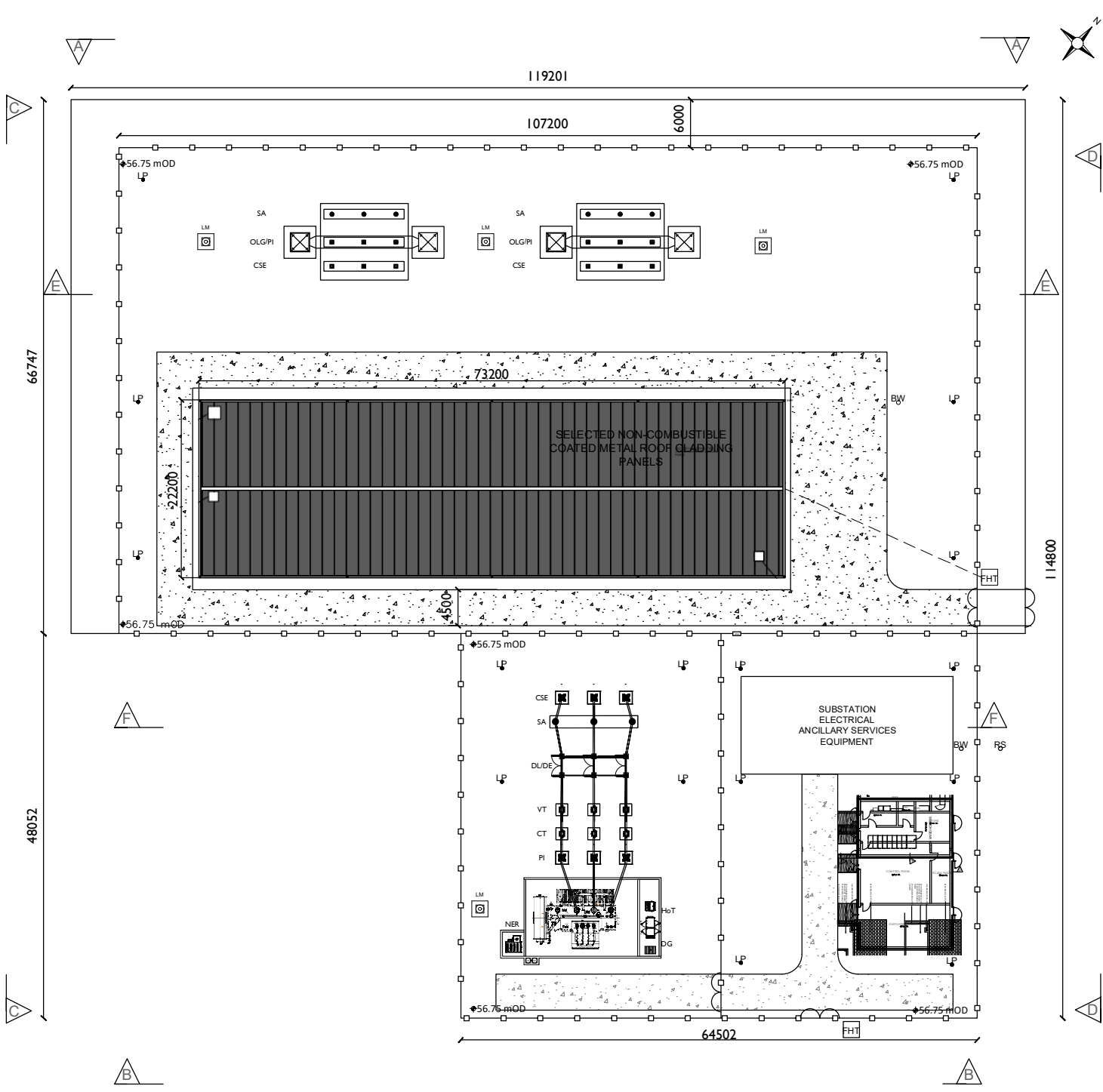
- 1. Drawing Status: Planning Stage Only** - This drawing is intended for concept development and preliminary review and does not represent final or detailed design specifications.

PROJECT TITLE:  
**Lemanaghan Wind Farm, Co. Offaly**

DRAWING TITLE:  
**Clear Span Water Crossing Detail**

PROJECT No: <b>200804</b>	DRAWING No.: <b>200804-32</b>	SCALE: <b>1:100 @ A3</b>
DRAWN BY: <b>FB</b>	CHECKED BY: <b>GO</b>	DATE: <b>23.03.2026</b>
		REVISION: <b>P01</b>





**Notes:**

1. ALL MEASUREMENTS SHOWN ARE IN MM
2. DRAWING FOR PLANNING PURPOSES ONLY
3. NO. AND LOCATION OF LIGHTING POLES AND LIGHTNING MASTS ARE SUBJECT TO CHANGE UNDER THE DETAILED DESIGN STAGE
4. THIS DRAWING HAS BEEN DEVELOPED IN ACCORDANCE WITH EIRGRID STANDARD XDN-LAY-ELV-STND-F-004 REV 1
5. LOCATION OF FOUL HOLDING TANK ARE SUBJECT TO CHANGE UNDER DETAILED DESIGN STAGE

**LEGEND:**

ID	DESCRIPTION
BW	BORED WELL
CT	CURRENT TRANSFORMER
CSE	CABLE SEALING END
DL/DE	LINE DISCONNECTOR/EARTH SWITCH
DG	DIESEL GENERATOR
FHT	FOUL HOLDING TANK
HOT	HOUSE TRANSFORMER
IFK	INTERFACE KIOSK
LM	LIGHTNING MAST
LP	LAMP POST
NER	NETRUAL EARTHING RESISTOR
OLG	OVERHEAD LINE GANTRY
PI	POST INSULATOR
RS	RURAL SUPPLY
SA	SURGE ARRESTER
VT	VOLTAGE TRANSFORMER

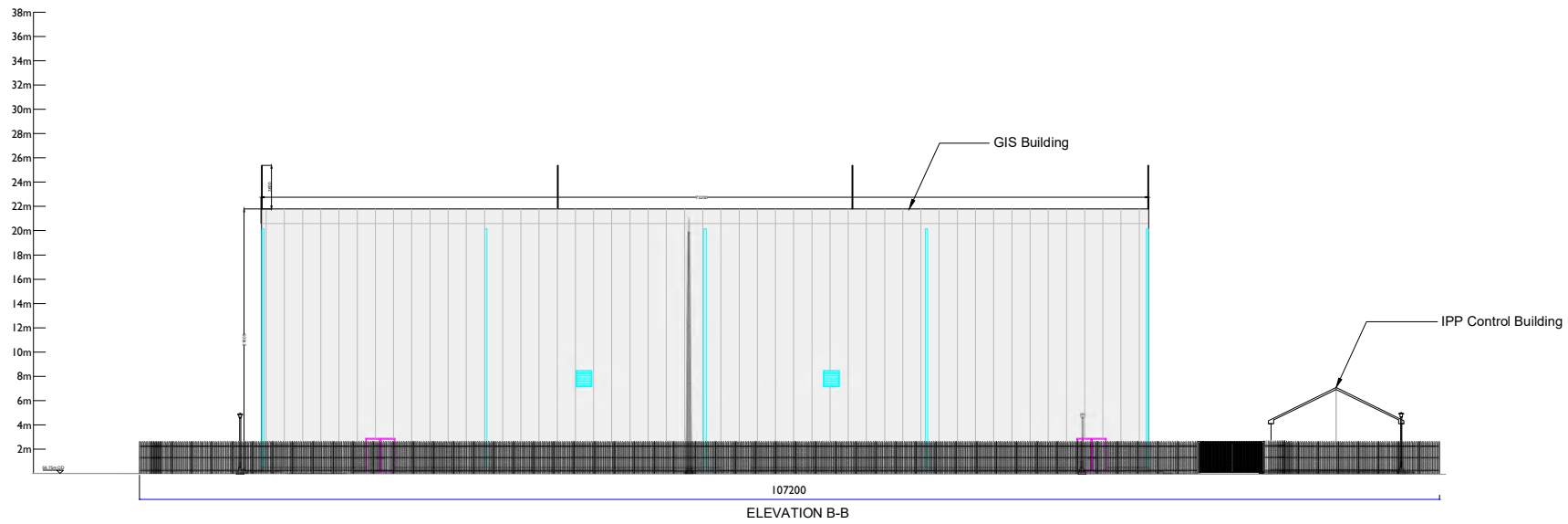
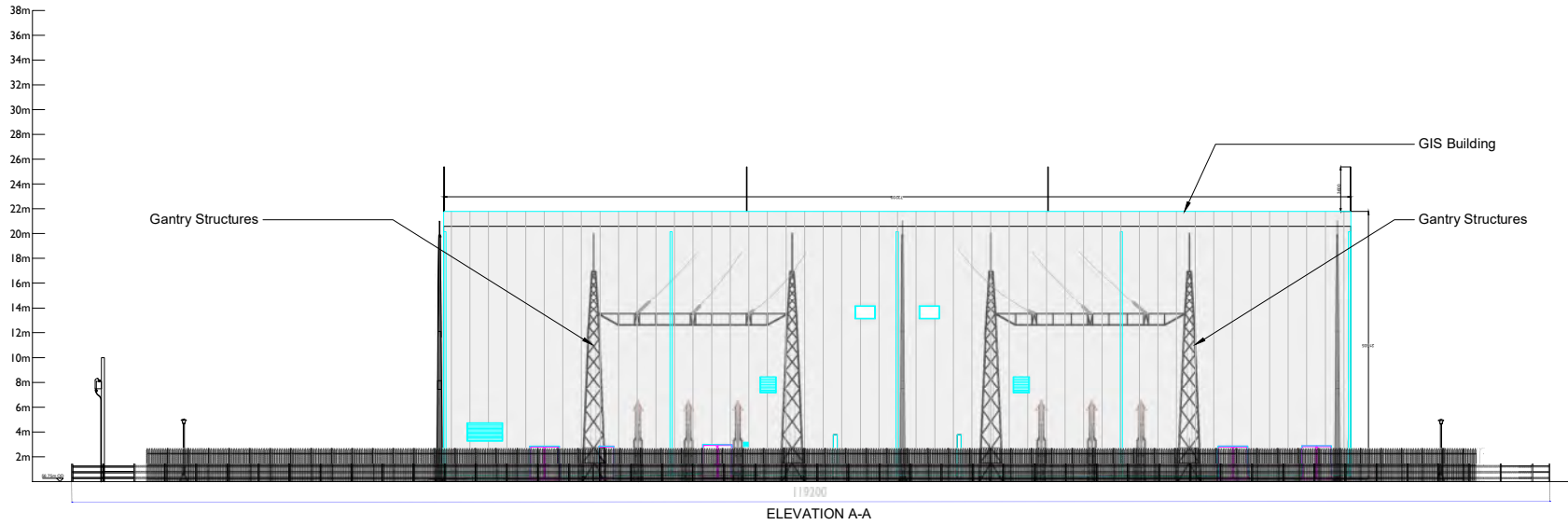
PROJECT TITLE: <b>Lemanaghan Wind Farm, Co. Offaly</b>		
DRAWING TITLE: <b>220kV Substation Compound Plan</b>		
PROJECT No.: <b>200804</b>	DRAWING No.: <b>200804-33</b>	SCALE: <b>1:500 @ A3</b>
DRAWN BY: <b>FB</b>	CHECKED BY: <b>GO</b>	DATE: <b>23.03.2026</b>
		REVISION: <b>P01</b>



Email: info@www.mkoreland.ie /Website: www.mkoreland.ie

Notes:

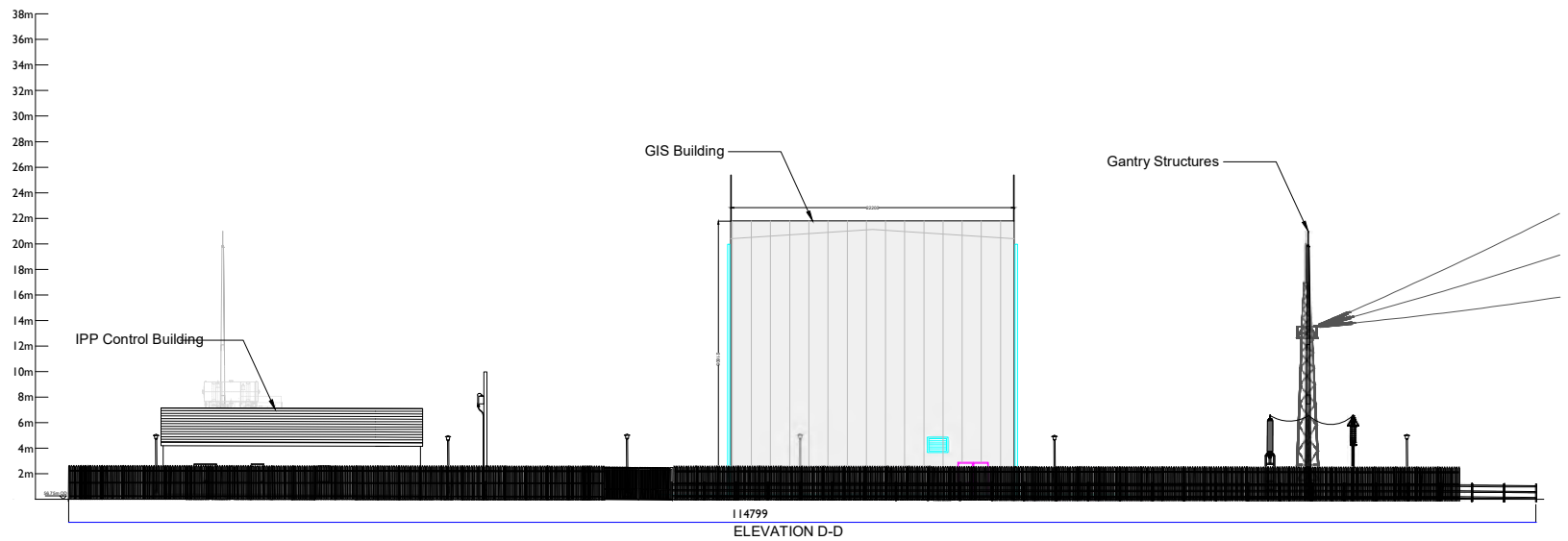
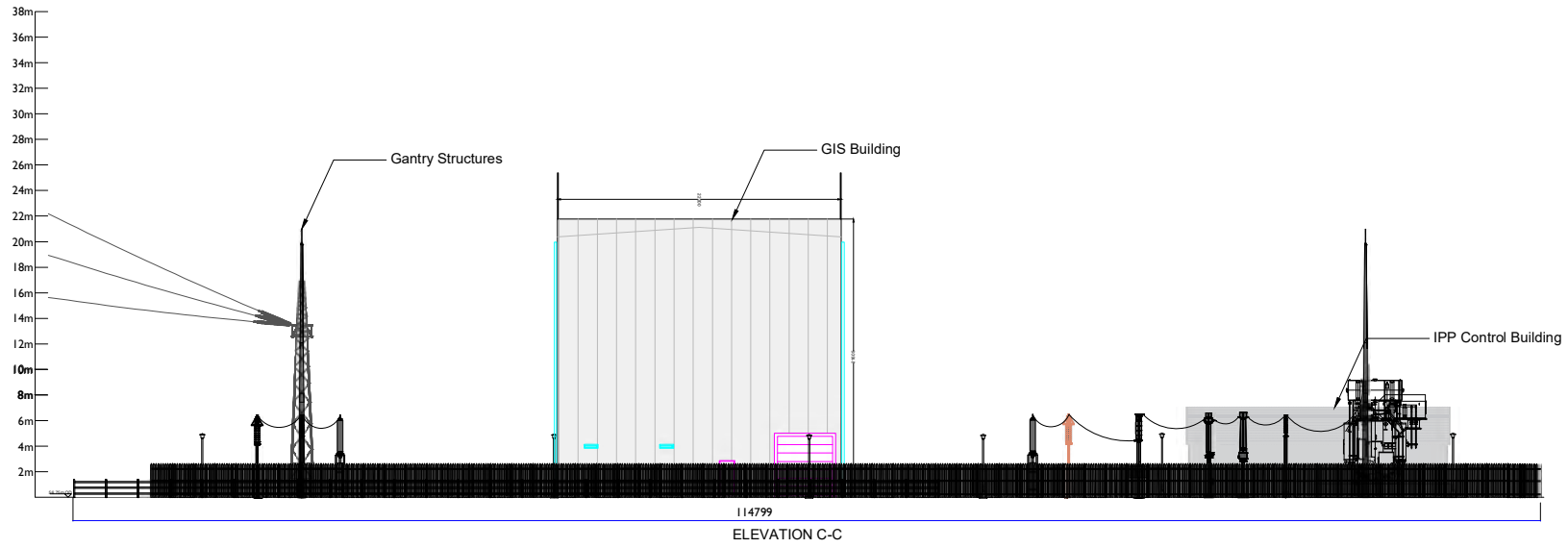
1. MEASUREMENTS SHOWN ARE IN MM, UNLESS INDICATED OTHERWISE
2. DRAWING FOR PLANNING PURPOSES ONLY
3. BUILDING COLOURS WILL RANGE WITHIN A MUTED MID-DARK GRAY AND GREEN SPECTRUM. REFER TO EIAR VOL. II, APPENDIX 10A FOR INDICATIVE DETAIL
4. FINAL DETAIL OF BUILDING FINISHES TO BE AGREED WITH PLANNING AUTHORITY IN ADVANCE OF DEVELOPMENT COMMENCING



PROJECT TITLE:		
<b>Lemanaghan Wind Farm, Co. Offaly</b>		
DRAWING TITLE:		
<b>220kV Substation Compound Elevations</b>		
PROJECT No.:	DRAWING No.:	SCALE:
200804	200804-34	1:200 @ A1
DRAWN BY:	CHECKED BY:	DATE:
FB	GO	24.03.2026
		REVISION:
		P01



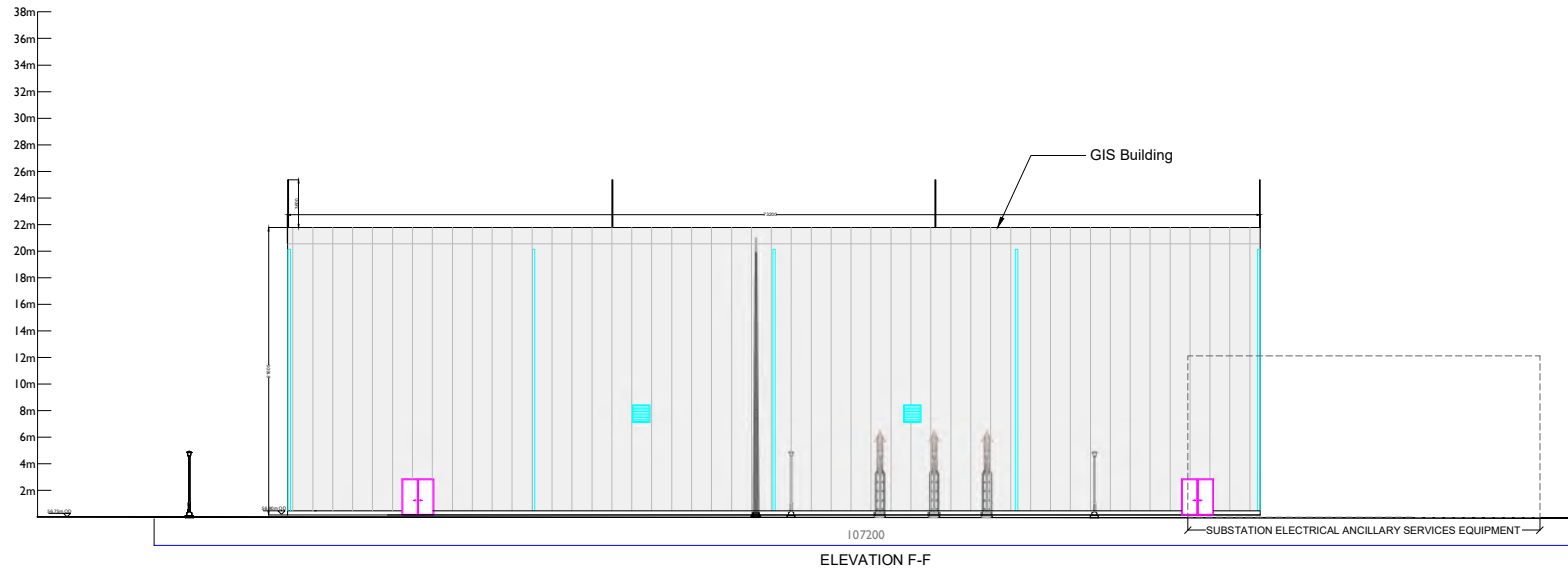
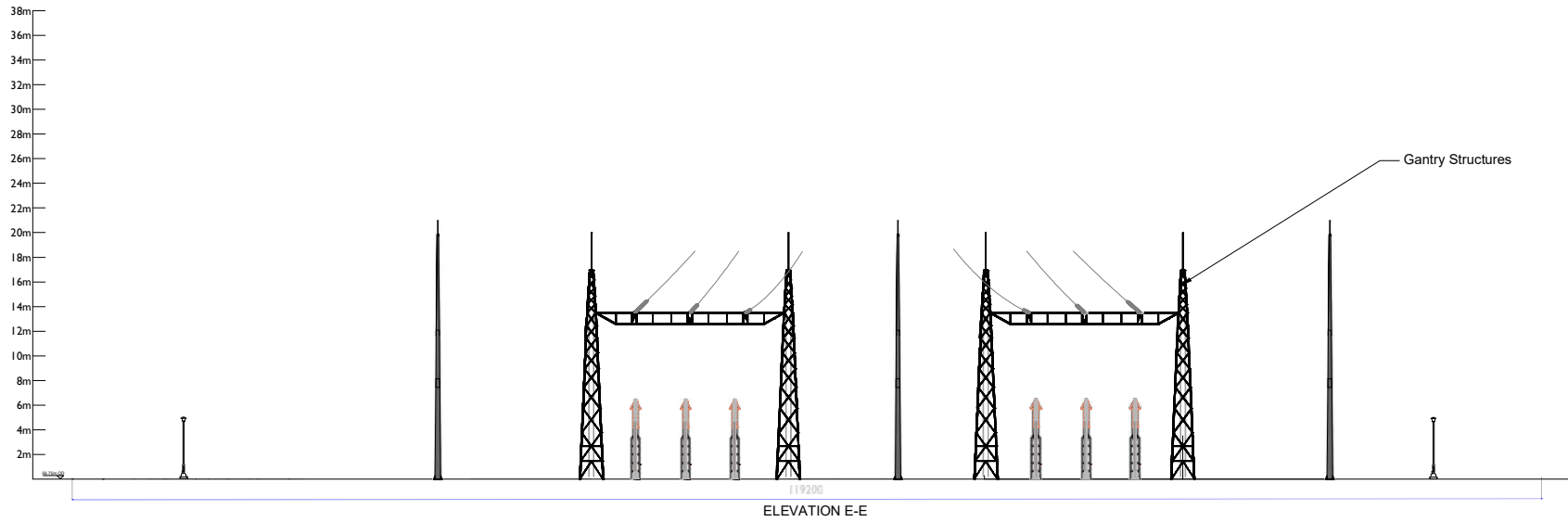
- Notes:
1. MEASUREMENTS SHOWN ARE IN MM, UNLESS INDICATED OTHERWISE
  2. DRAWING FOR PLANNING PURPOSES ONLY
  3. BUILDING COLOURS WILL RANGE WITHIN A MUTED MID-DARK GRAY AND GREEN SPECTRUM. REFER TO E.I.A.R VOL. II, APPENDIX 10A FOR INDICATIVE DETAIL
  4. FINAL DETAIL OF BUILDING FINISHES TO BE AGREED WITH PLANNING AUTHORITY IN ADVANCE OF DEVELOPMENT COMMENCING



PROJECT TITLE:		
<b>Lemanaghan Wind Farm, Co. Offaly</b>		
DRAWING TITLE:		
<b>220kV Substation Compound Elevations</b>		
PROJECT No.:	DRAWING No.:	SCALE:
200804	200804-35	1:200 @ A1
DRAWN BY:	CHECKED BY:	DATE:
FB	GO	24.03.2026
REVISION:		
P01		

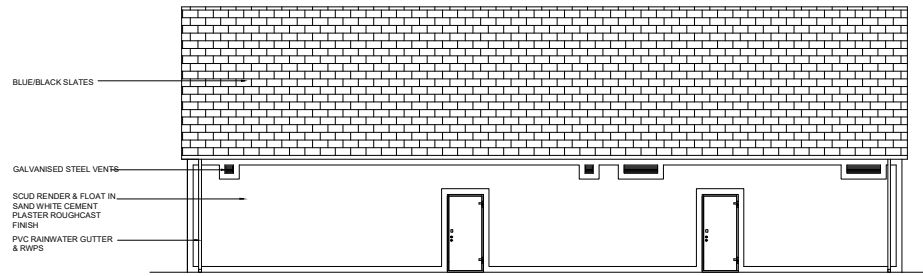
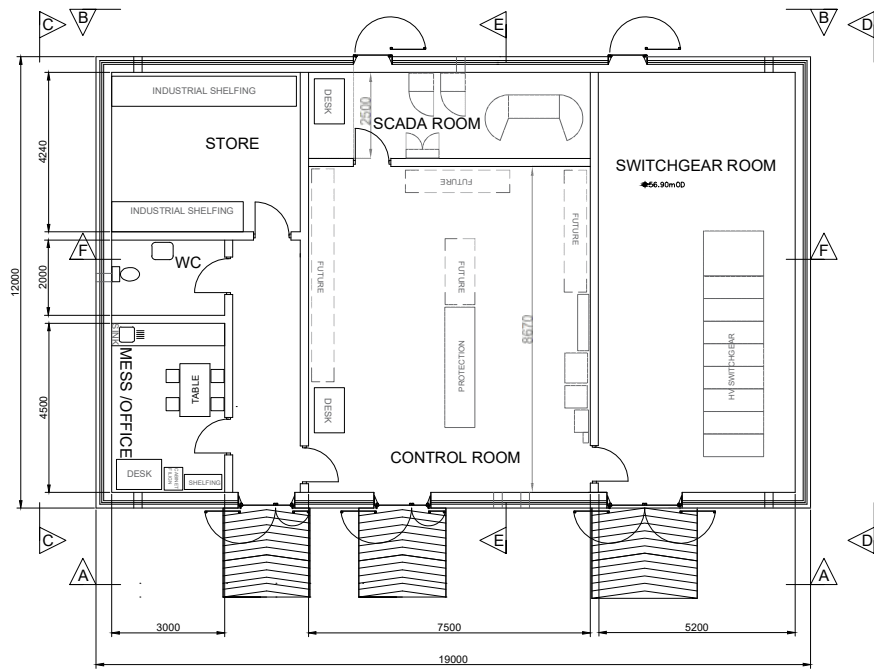


- Notes:**
1. MEASUREMENTS SHOWN ARE IN MM, UNLESS INDICATED OTHERWISE
  2. DRAWING FOR PLANNING PURPOSES ONLY
  3. BUILDING COLOURS WILL RANGE WITHIN A MUTED MID-DARK GRAY AND GREEN SPECTRUM. REFER TO E.I.A.R VOL. II, APPENDIX 10A FOR INDICATIVE DETAIL
  4. FINAL DETAIL OF BUILDING FINISHES TO BE AGREED WITH PLANNING AUTHORITY IN ADVANCE OF DEVELOPMENT COMMENCING

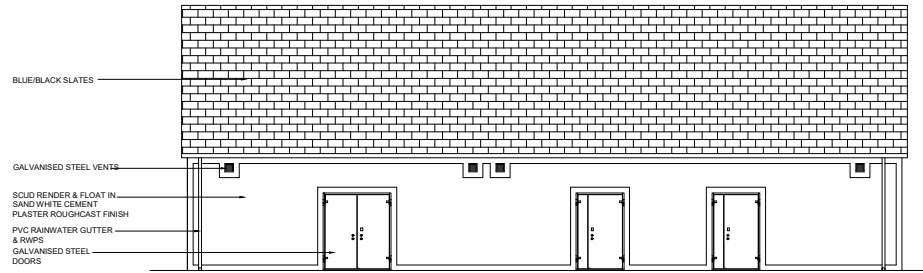


PROJECT TITLE:		
<b>Lemanaghan Wind Farm, Co. Offaly</b>		
DRAWING TITLE:		
<b>220kV Substation Compound Elevations</b>		
PROJECT No.:	DRAWING No.:	SCALE:
200804	200804-35.1	1:200 @ A1
DRAWN BY:	CHECKED BY:	DATE:
FB	GO	24.03.2026
		REVISION:
		P01

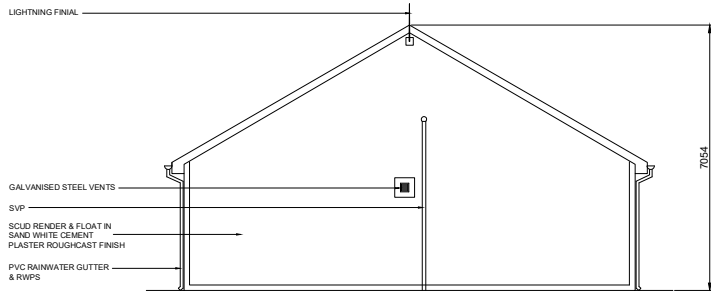




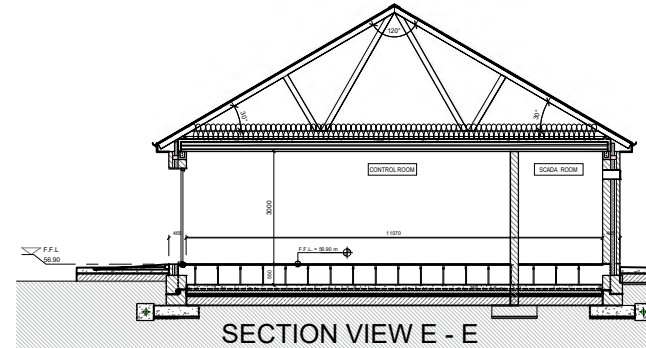
ELEVATION VIEW A - A



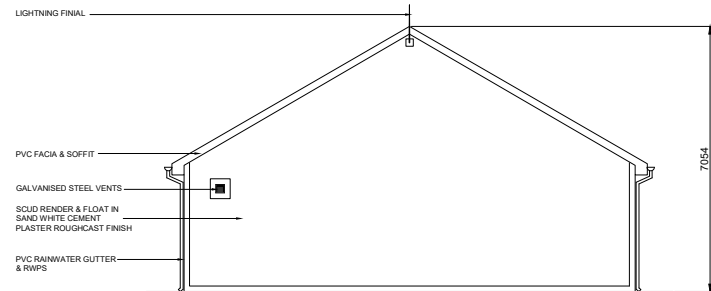
ELEVATION VIEW B - B



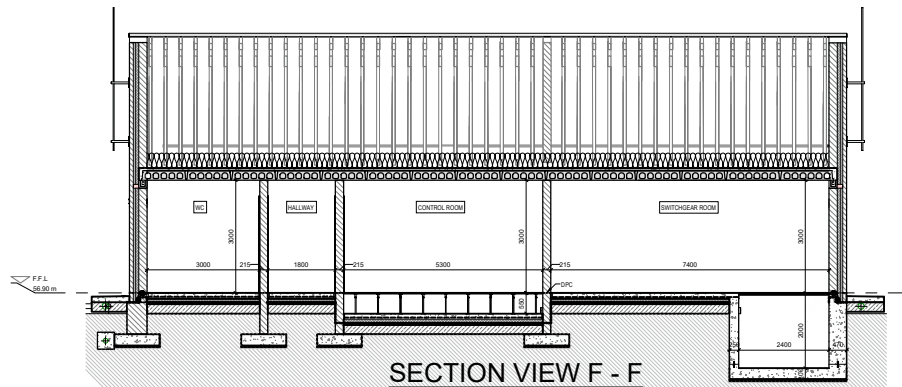
ELEVATION VIEW C - C



SECTION VIEW E - E



ELEVATION VIEW D - D



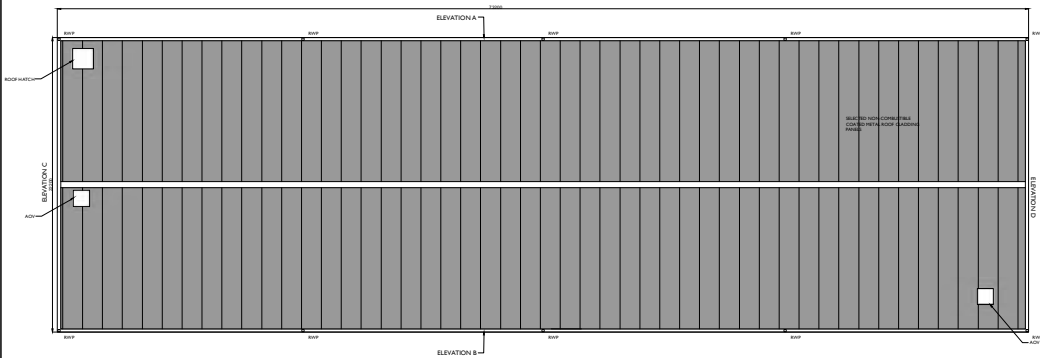
SECTION VIEW F - F

NOTES:

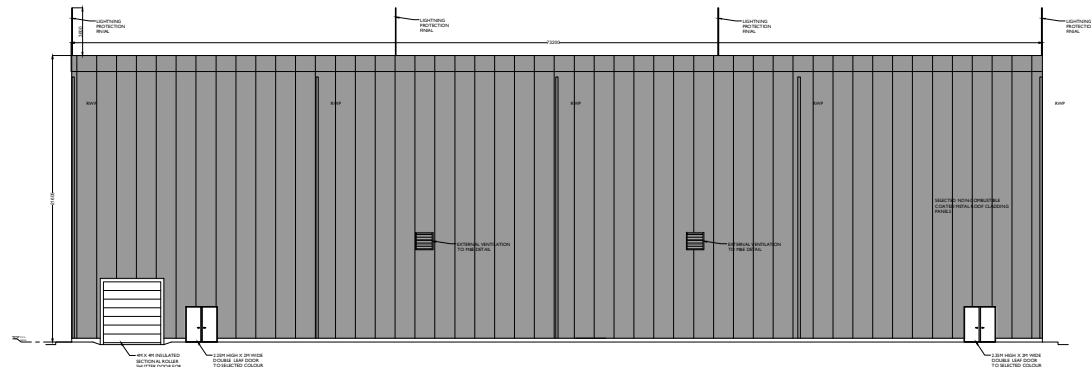
1. ALL DIMENSIONS NOTED ARE IN MM
2. DRAWING IS FOR PLANNING PURPOSES ONLY
3. PANEL LAYOUT & DIMENSIONS ARE INDICATIVE.
4. APPARATUS IN RED LINE DEPICTS FUTURE DEVELOPMENT
5. ALL BUILDING MATERIALS ARE TO BE APPROVED BY THE ASSIGNED CERTIFIER AND SHALL BE IN ACCORDANCE WITH REGULATION & SPECIFICATION REQUIREMENTS

PROJECT TITLE: <b>Lemanaghan Wind Farm, Co. Offaly</b>			
DRAWING TITLE: <b>IPP Control Building Plan and Elevations</b>			
PROJECT No.: <b>200804</b>	DRAWING No.: <b>200804-36</b>	SCALE: <b>1:100 @ A2</b>	
DRAWN BY: <b>FB</b>	CHECKED BY: <b>GO</b>	DATE: <b>23.03.2026</b>	REVISION: <b>P01</b>

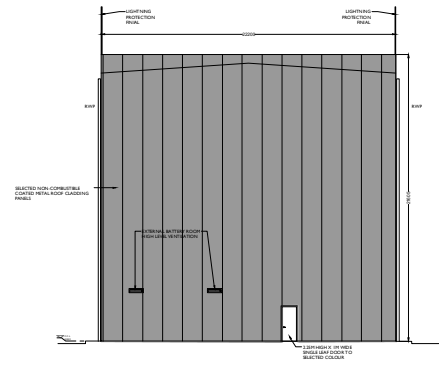




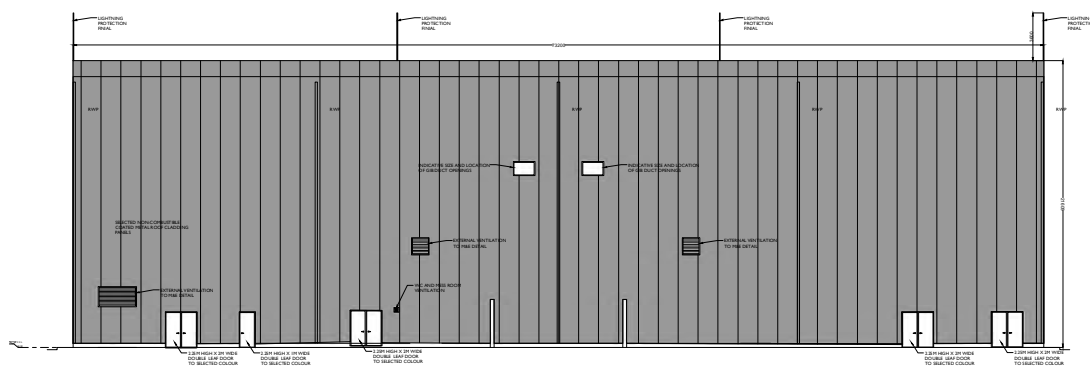
ROOF PLAN



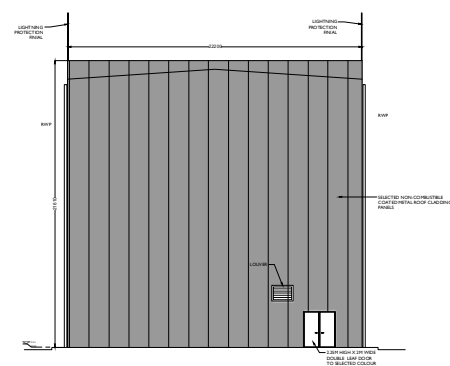
ELEVATION A



ELEVATION C



ELEVATION B



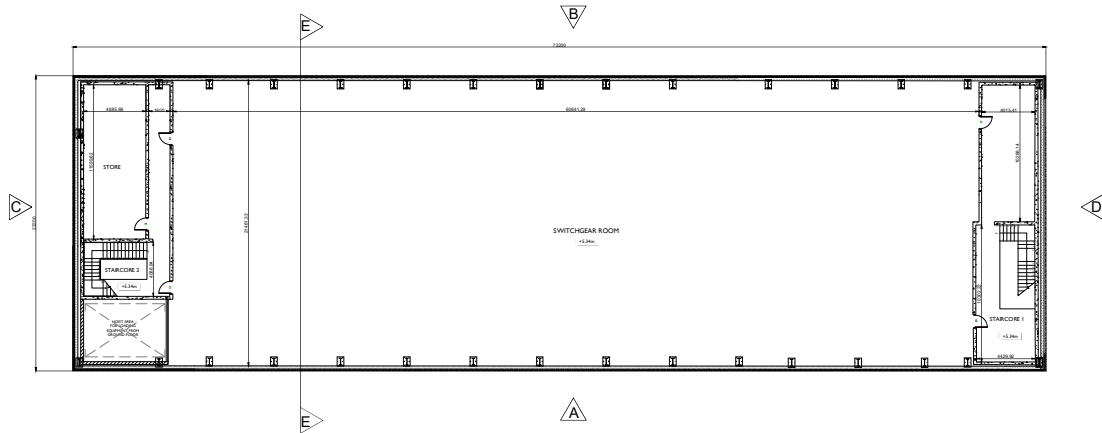
ELEVATION D

- Notes:
1. MEASUREMENTS SHOWN ARE IN MM, UNLESS INDICATED OTHERWISE
  2. DRAWING FOR PLANNING PURPOSES ONLY
  3. FINAL DETAIL OF BUILDING FINISHES TO BE AGREED WITH PLANNING AUTHORITY IN ADVANCE OF DEVELOPMENT COMMENCING

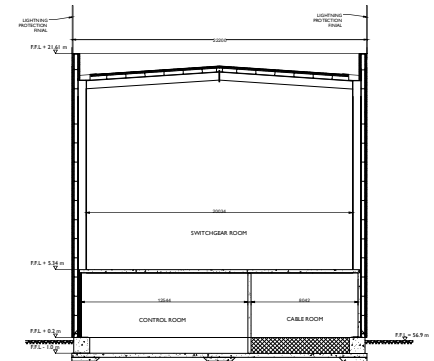
PROJECT TITLE: <b>Lemanaghan Wind Farm, Co. Offaly</b>		
DRAWING TITLE: <b>GIS Building Floor Plan and Elevations</b>		
PROJECT No.:	DRAWING No.:	SCALE:
<b>200804</b>	<b>200804-37</b>	<b>1:200 @ A1</b>
DRAWN BY:	CHECKED BY:	DATE:
<b>FB</b>	<b>GO</b>	<b>23.03.2026</b>
		REVISION:
		<b>P01</b>



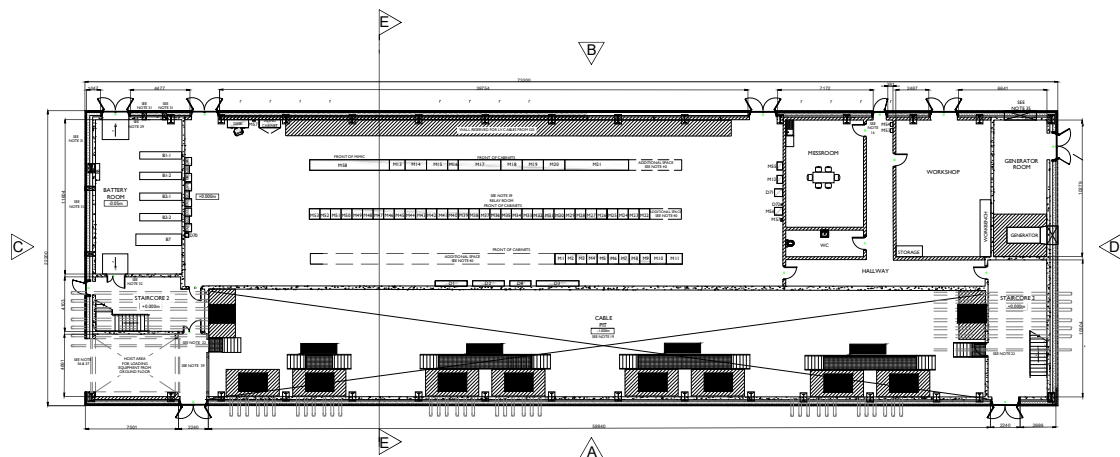
Email: [info@www.mkoireland.ie](mailto:info@www.mkoireland.ie) /Website: [www.mkoireland.ie](http://www.mkoireland.ie)



**GIS BUILDING FIRST FLOOR PLAN**  
Scale 1:200



**SECTION E-E'**  
Scale 1:200



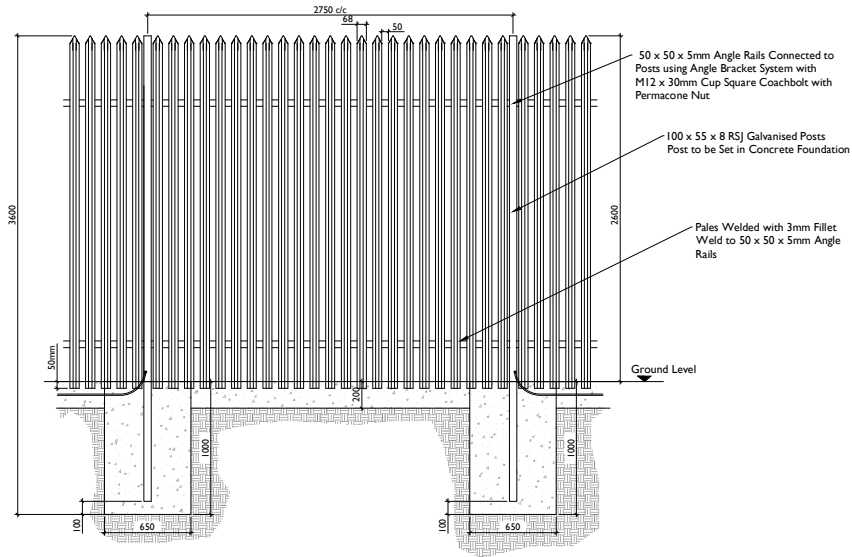
**GIS BUILDING GROUND FLOOR PLAN**  
Scale 1:200

**Notes:**

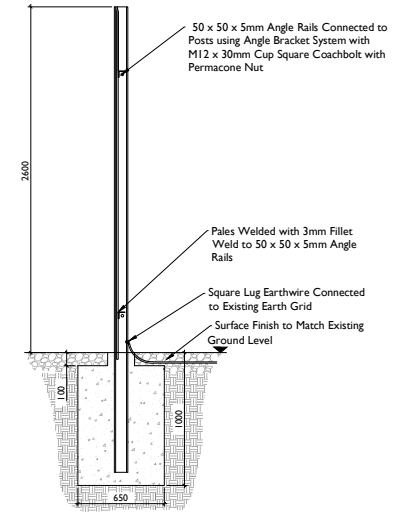
1. MEASUREMENTS SHOWN ARE IN MM, UNLESS INDICATED OTHERWISE
2. DRAWING FOR PLANNING PURPOSES ONLY
3. FINAL DETAIL OF BUILDING FINISHES TO BE AGREED WITH PLANNING AUTHORITY IN ADVANCE OF DEVELOPMENT COMMENCING

<b>PROJECT TITLE:</b> Lemanaghan Wind Farm, Co. Offaly		
<b>DRAWING TITLE:</b> GIS Building Floor Plan and Section		
<b>PROJECT No.:</b> 200804	<b>DRAWING No.:</b> 200804-37.1	<b>SCALE:</b> 1:200 @ A1
<b>DRAWN BY:</b> FB	<b>CHECKED BY:</b> GO	<b>DATE:</b> 25.03.2026
		<b>REVISION:</b> P01

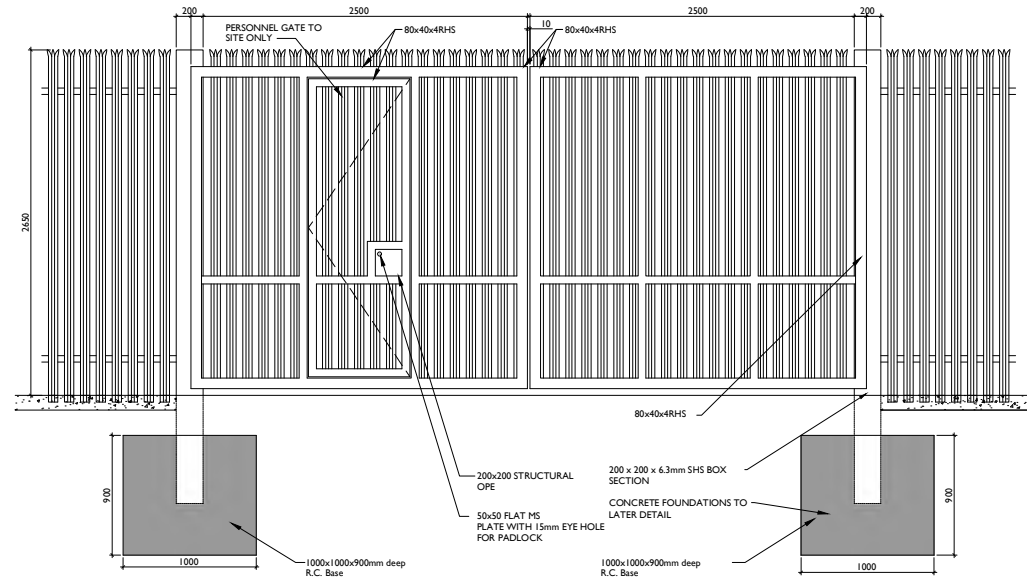




PALISADE FENCE - ELEVATION DETAIL



PALISADE FENCE - SECTION DETAIL



GATE DETAIL

Notes:

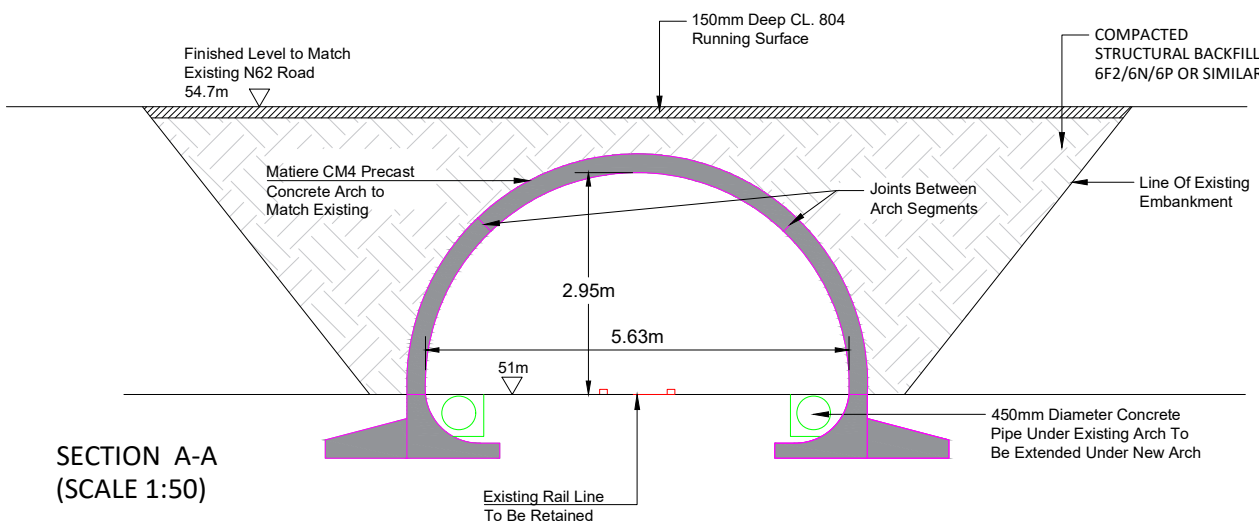
1. MEASUREMENTS SHOWN ARE IN MM, UNLESS INDICATED OTHERWISE
2. DRAWING FOR PLANNING PURPOSES ONLY
3. DRAWINGS ARE NOT TO BE SCALED. USE FIGURED DIMENSIONS ONLY
4. GROUND LEVELS VARY

PROJECT TITLE:			
<b>Lemanaghan Wind Farm, Co. Offaly</b>			
DRAWING TITLE:			
<b>Palisade Fence and Gate details</b>			
PROJECT No.:	DRAWING No.:	SCALE:	
200804	200804-38	1:20 @ A1	
DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
FB	GO	23.03.2026	P01
			
Email: <a href="mailto:info@www.mkoireland.ie">info@www.mkoireland.ie</a> / Website: <a href="http://www.mkoireland.ie">www.mkoireland.ie</a>			




**PLAN**  
(SCALE 1:500)

**Drawing Notes**  
**1. Drawing Status: Planning Stage Only** - This drawing is intended for concept development and preliminary review and does not represent final or detailed design specifications.



**SECTION A-A**  
(SCALE 1:50)

PROJECT TITLE:			
<b>Lemanaghan Wind Farm, Co. Offaly</b>			
DRAWING TITLE:			
<b>Underpass Arrangement - Plan &amp; Section</b>			
PROJECT No.:	DRAWING No.:	SCALE:	
<b>200804</b>	<b>200804-39</b>	<b>As Shown @ A2</b>	
DRAWN BY:	CHECKED BY:	DATE:	REVISION:
<b>FB</b>	<b>GO</b>	<b>23.03.2026</b>	<b>P01</b>
			
<small>Email: <a href="mailto:info@www.mkoireland.ie">info@www.mkoireland.ie</a> / Website: <a href="http://www.mkoireland.ie">www.mkoireland.ie</a></small>			

**Note:**

All dimensions are in meters, unless noted otherwise.

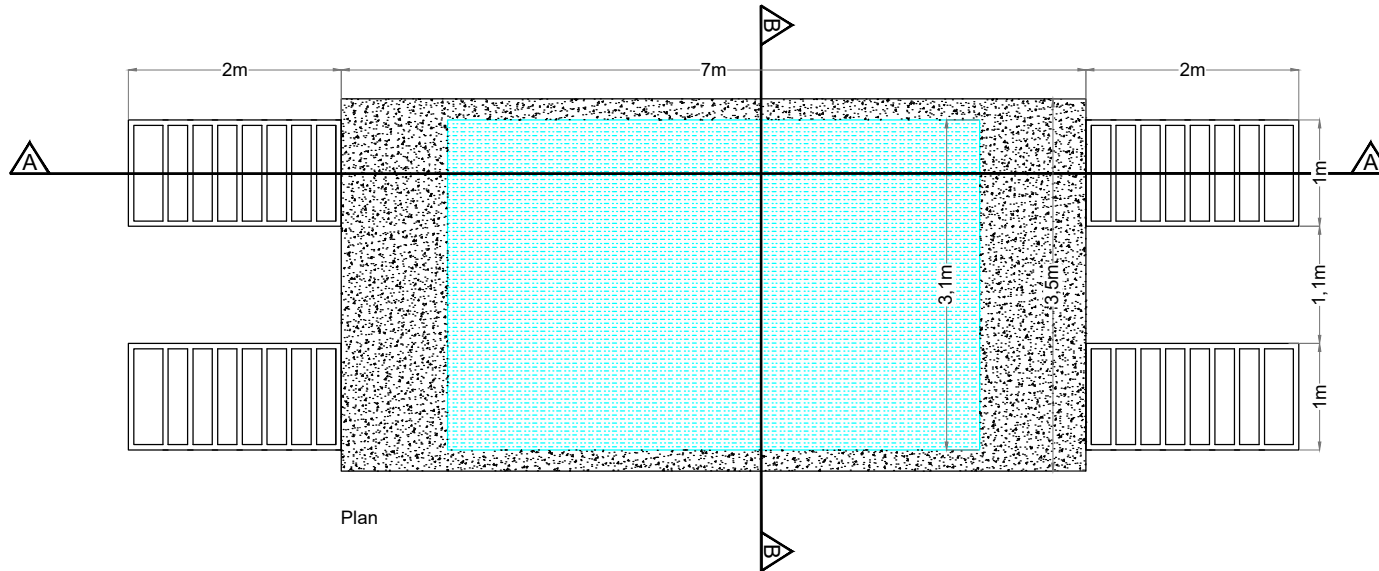
All dimensions to be checked on site and any discrepancy to be reported to the engineer.

Figured dimensions only to be used, drawings not to be scaled. If in doubt ask.

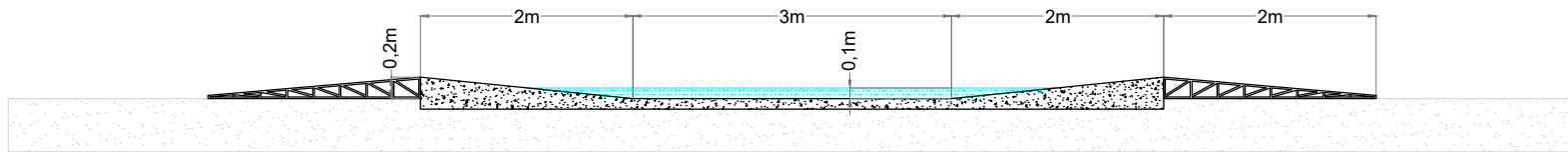
For illustration purposes only. Exact size and appearance of unit subject to manufacturer selection.



Section B-B



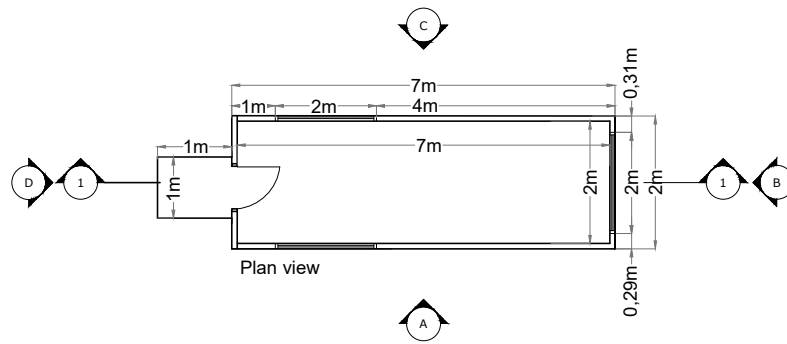
Plan



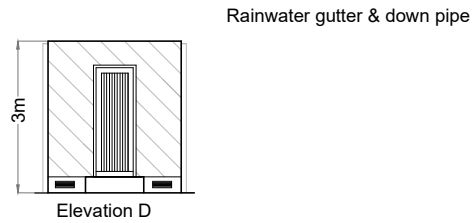
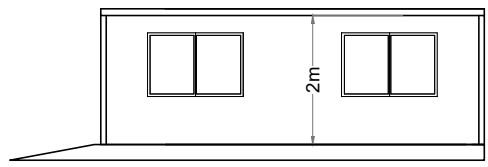
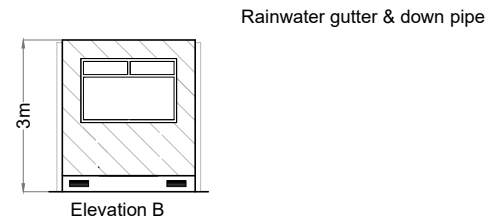
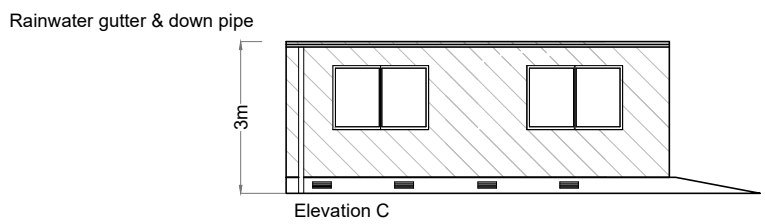
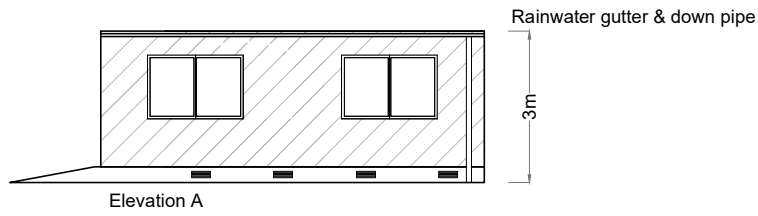
Section A-A

PROJECT TITLE:			
<b>Lemanaghan Wind Farm, Co. Offaly</b>			
DRAWING TITLE:			
<b>Wheel Wash Detail</b>			
PROJECT No.:	DRAWING No.:	SCALE:	
200804	200804-40	1:50 @ A3	
DRAWN BY:	CHECKED BY:	DATE:	REVISION:
FB	GO	23.03.2026	P01



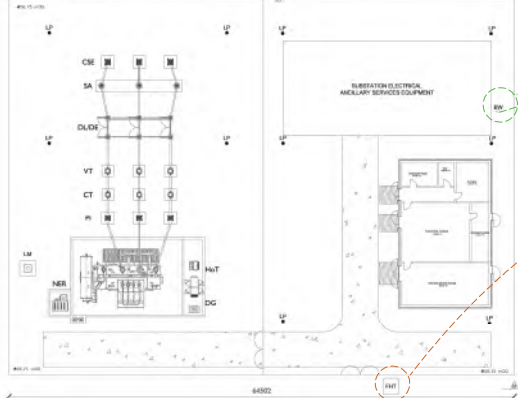
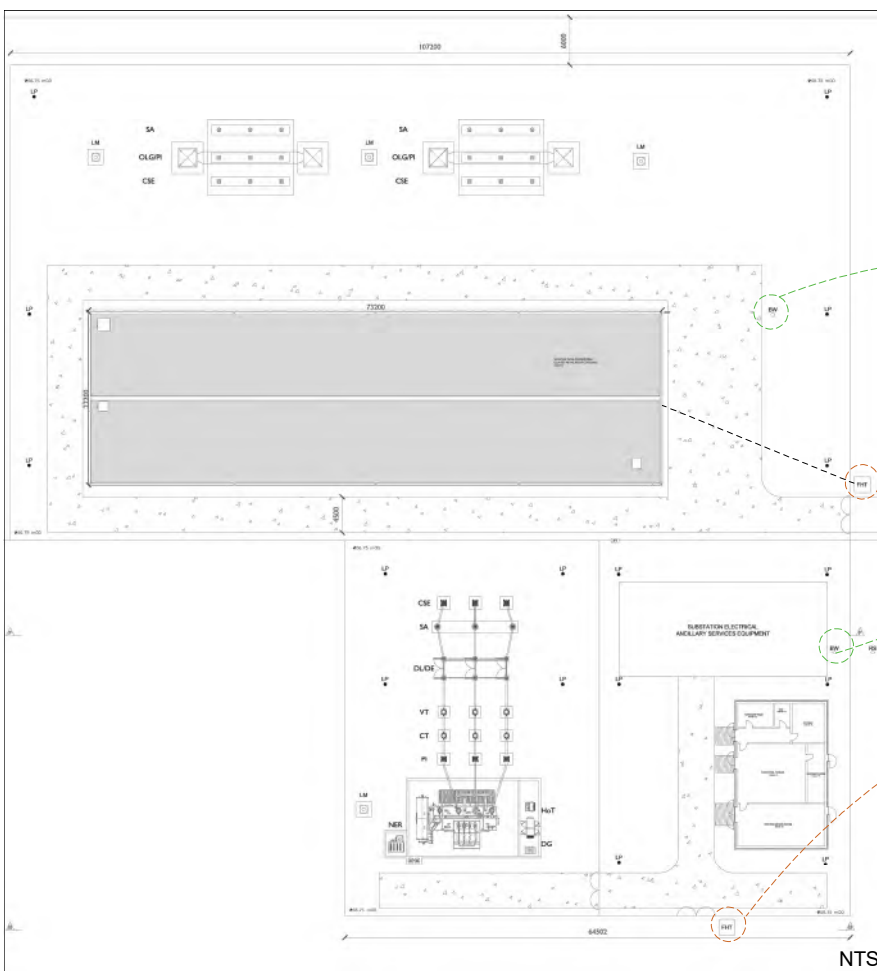


**Note:**  
 All dimensions are in m, unless noted otherwise.  
 All dimensions to be checked on site and any discrepancy to be reported to the engineer.  
 Figured dimensions only to be used, drawings not to be scaled. If in doubt ask.  
 For illustration purposes only. Exact size and appearance of unit subject to manufacturer selection.

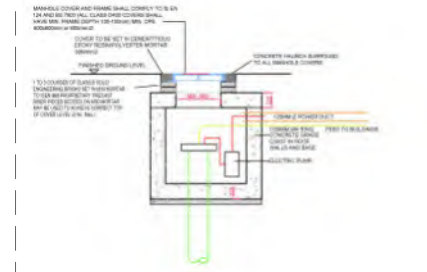


PROJECT TITLE:			
<b>Lemanaghan Wind Farm, Co. Offaly</b>			
DRAWING TITLE:			
<b>Security Cabin Detail</b>			
PROJECT No.:	DRAWING No.:	SCALE:	
200804	200804-41	1:100 @ A3	
DRAWN BY:	CHECKED BY:	DATE:	REVISION:
FB	GO	23.03.2026	P01

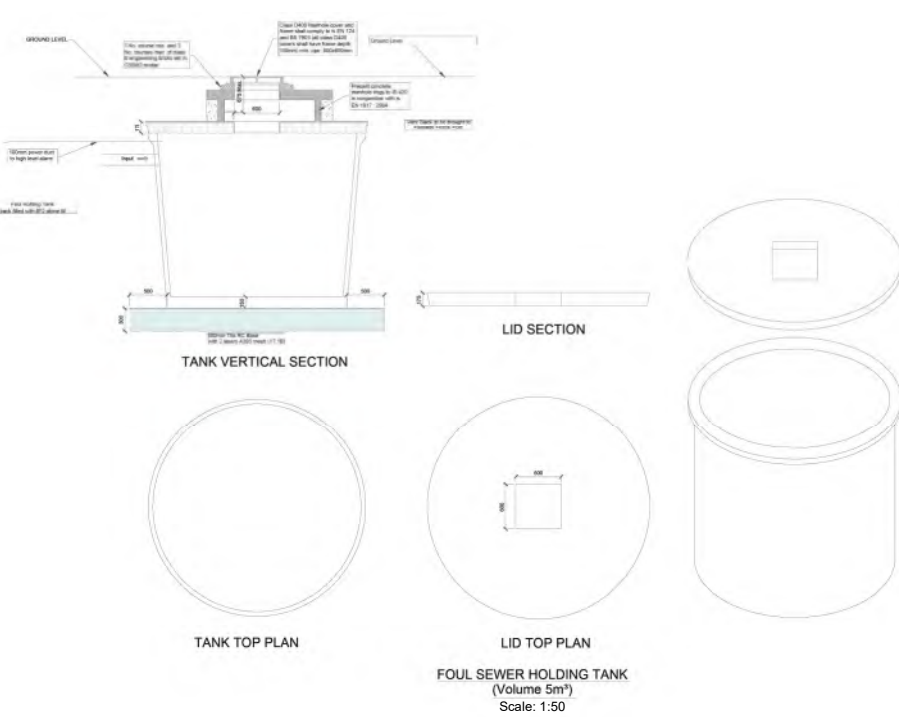




NTS



**BORED WELL DETAIL**  
Scale: 1:50



**FOUL SEWER HOLDING TANK**  
(Volume 5m<sup>3</sup>)  
Scale: 1:50

**Note:**  
All dimensions are in millimetres, unless noted otherwise.  
All dimensions to be checked on site and any discrepancy to be reported to the engineer.  
Figured dimensions only to be used, drawings not to be scaled. If in doubt ask.  
For illustration purposes only. Exact size and appearance of unit subject to manufacturer selection.

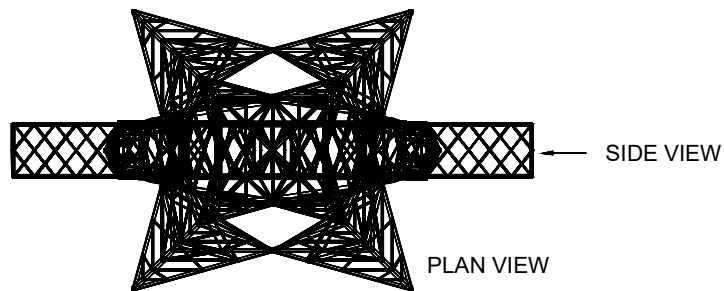
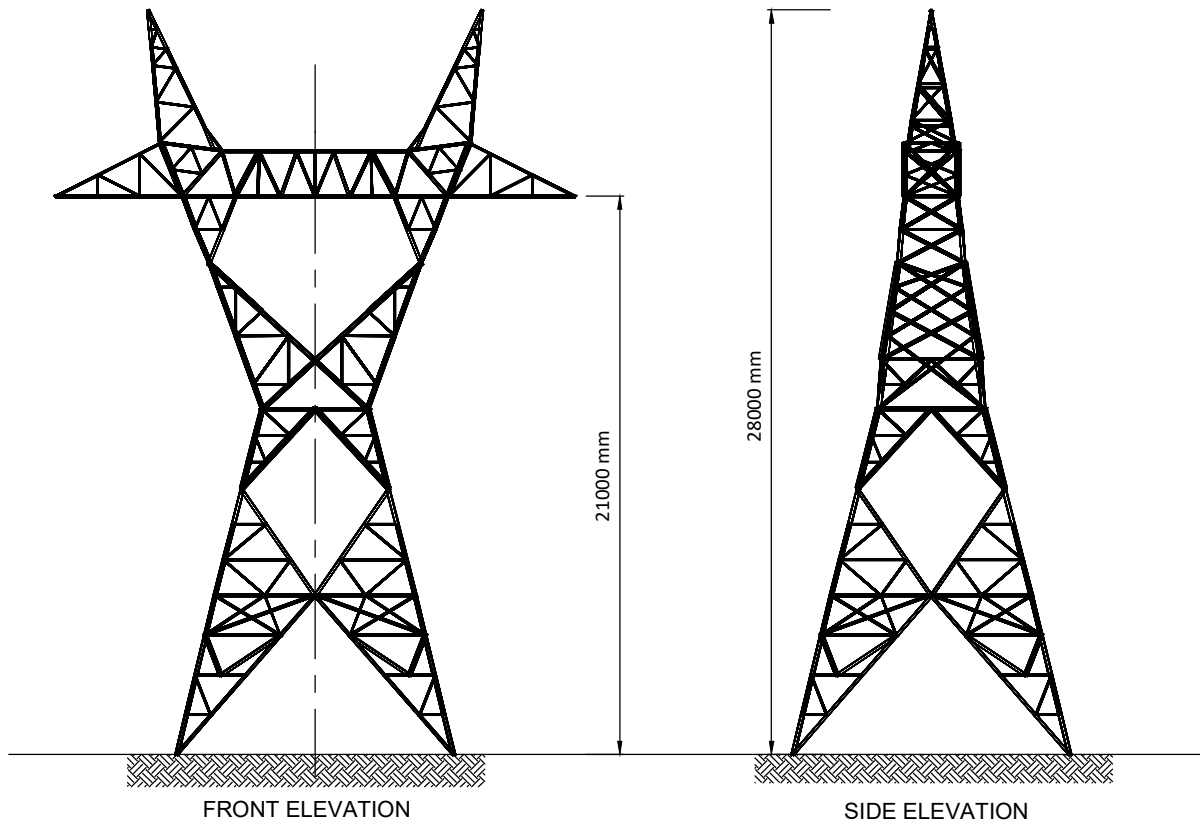
PROJECT TITLE: <b>Lemanaghan Wind Farm, Co. Offaly</b>			
DRAWING TITLE: <b>Foul Holding Tank &amp; Bored Well Detail</b>			
PROJECT No.: <b>200804</b>	DRAWING No.: <b>200804-42</b>	SCALE: <b>As Shown @ A2</b>	
DRAWN BY: <b>FB</b>	CHECKED BY: <b>GO</b>	DATE: <b>23.03.2026</b>	REVISION: <b>P01</b>



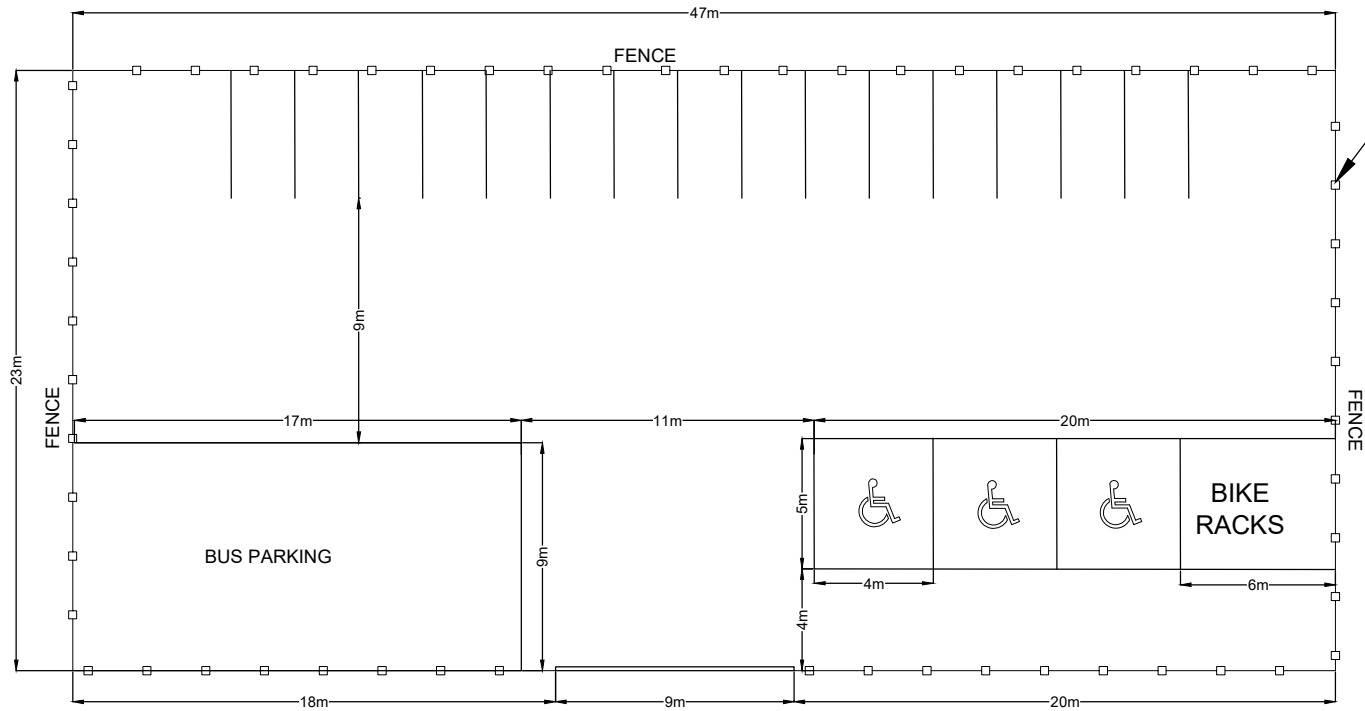
Email: [info@www.mkoireland.ie](mailto:info@www.mkoireland.ie) Website: [www.mkoireland.ie](http://www.mkoireland.ie)

**NOTES:**

1. ALL DIMENSIONS NOTED ARE IN MM
2. DRAWING IS FOR PLANNING PURPOSES ONLY
3. TOWER INSULATOR ANGLE WILL VARY TO SUIT APPLICATION
4. EQUIPMENT/STRUCTURE DETAILS ARE INDICATIVE AND WILL BE FINALISED DURING DETAILED DESIGN
5. DETAILED DESIGN SHALL BE CARRIED OUT IN LINE WITH SYSTEM OPERATOR AND ASSET OWNER SPECIFICATIONS

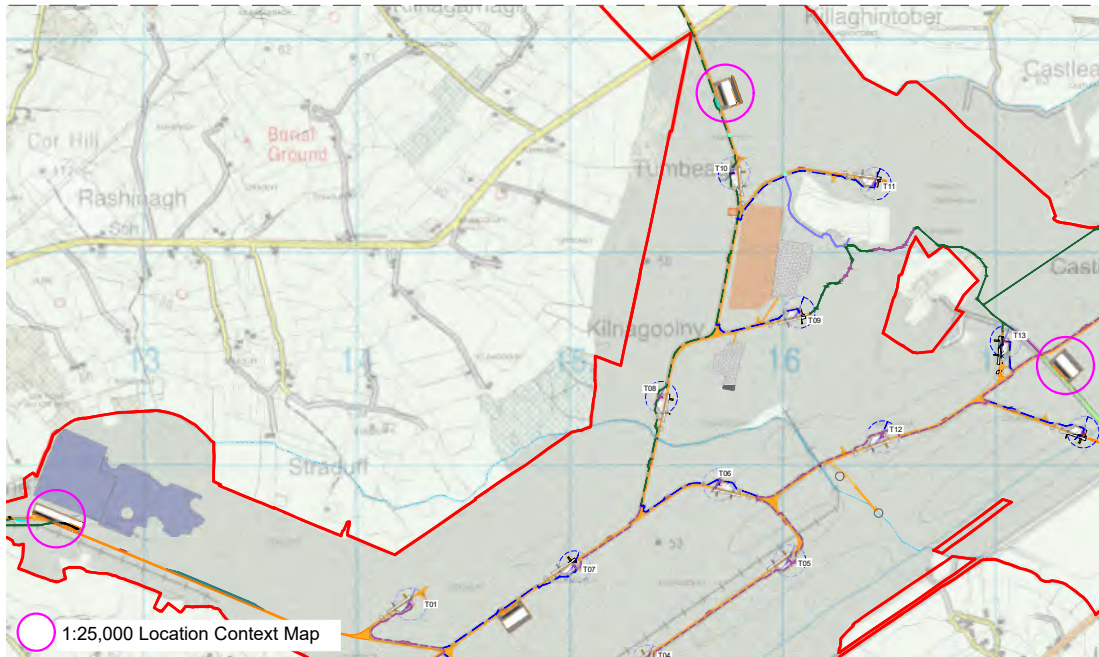


PROJECT TITLE:			
<b>Lemanaghan Wind Farm, Co. Offaly</b>			
DRAWING TITLE:			
<b>220 kV Overhead Line 28m Tower</b>			
PROJECT No.:	DRAWING No.:	SCALE:	
200804	200804-43	1:200 @ A3	
DRAWN BY:	CHECKED BY:	DATE:	REVISION:
FB	GO	23.03.2026	P01
			
<small>Email: <a href="mailto:info@www.mkoireland.ie">info@www.mkoireland.ie</a> / Website: <a href="http://www.mkoireland.ie">www.mkoireland.ie</a></small>			



Fence to be installed  
Refer to DWG No. 200804-56 for detail

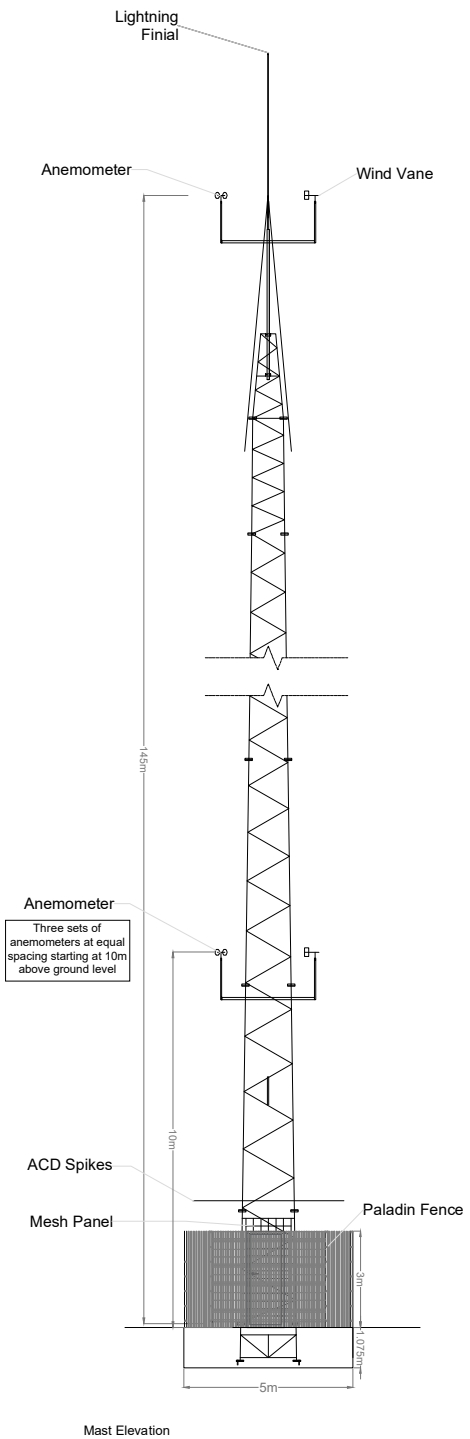
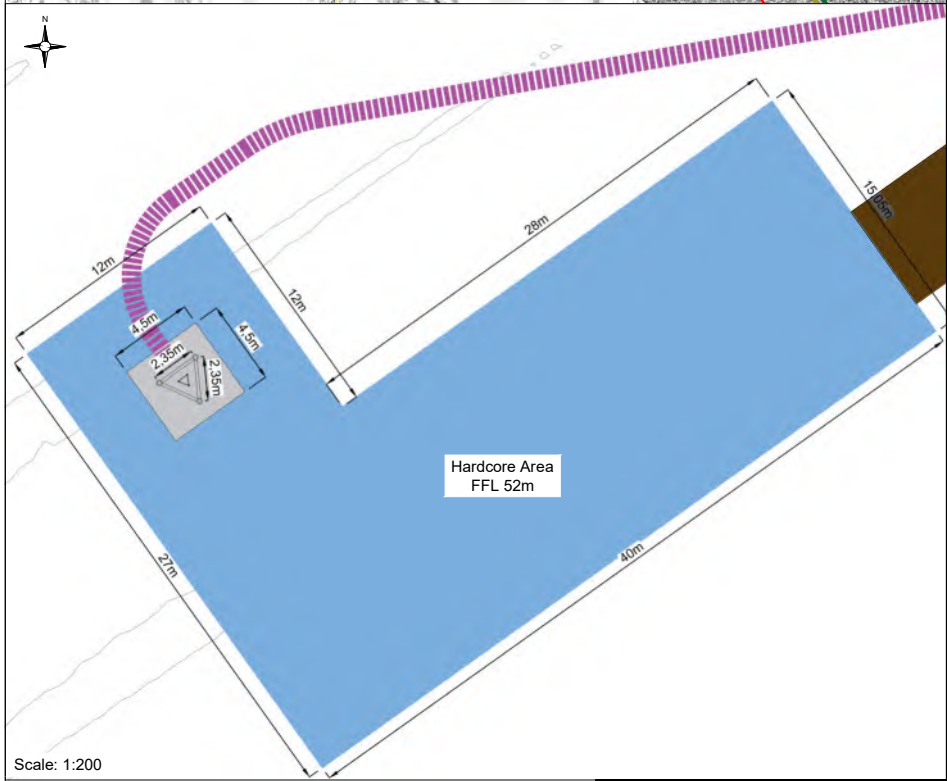
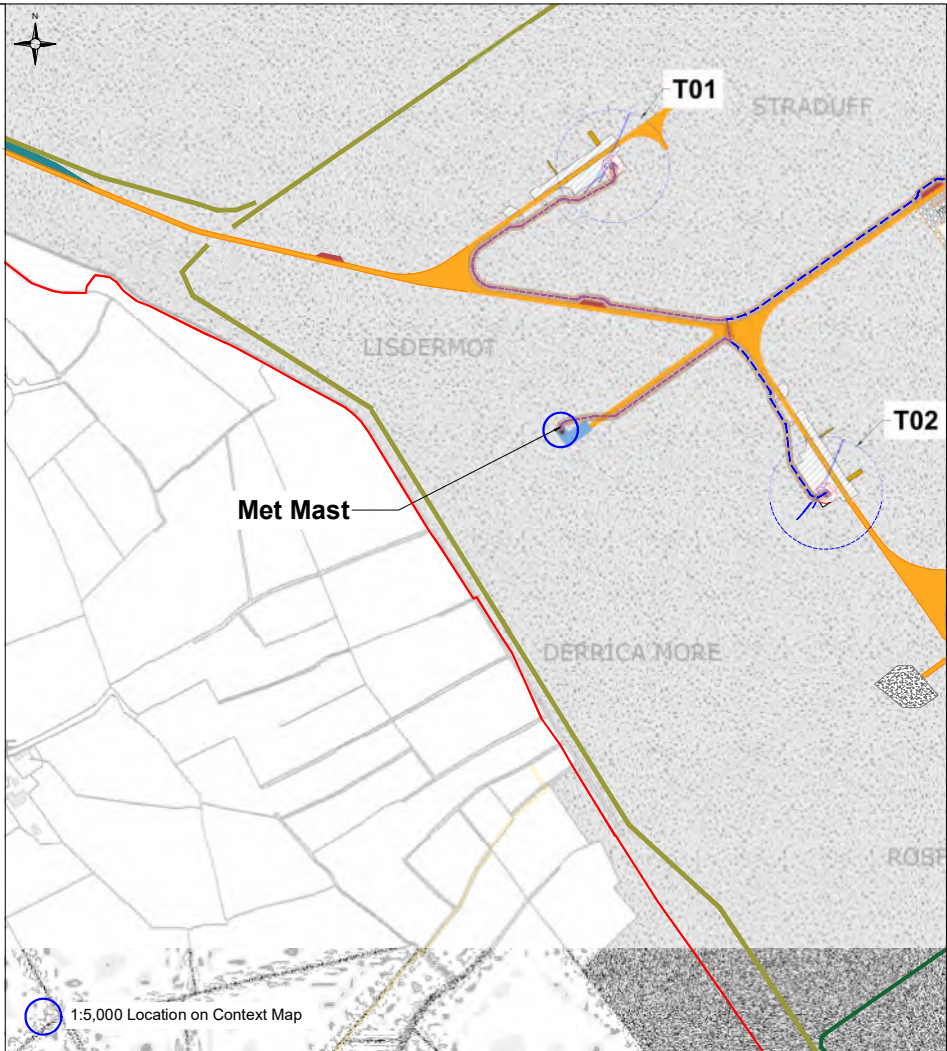
**Proposed Amenity Car Park post construction works**  
Scale 1:200



PROJECT TITLE:			
<b>Lemanaghan Wind Farm, Co. Offaly</b>			
DRAWING TITLE:			
<b>Proposed Amenity Car Park post construction works</b>			
PROJECT No.:	DRAWING No.:	SCALE:	
200804	200804 - 44	As Shown @ A3	
DRAWN BY:	CHECKED BY:	DATE:	REVISION:
GO	RD	23.03.2026	P01



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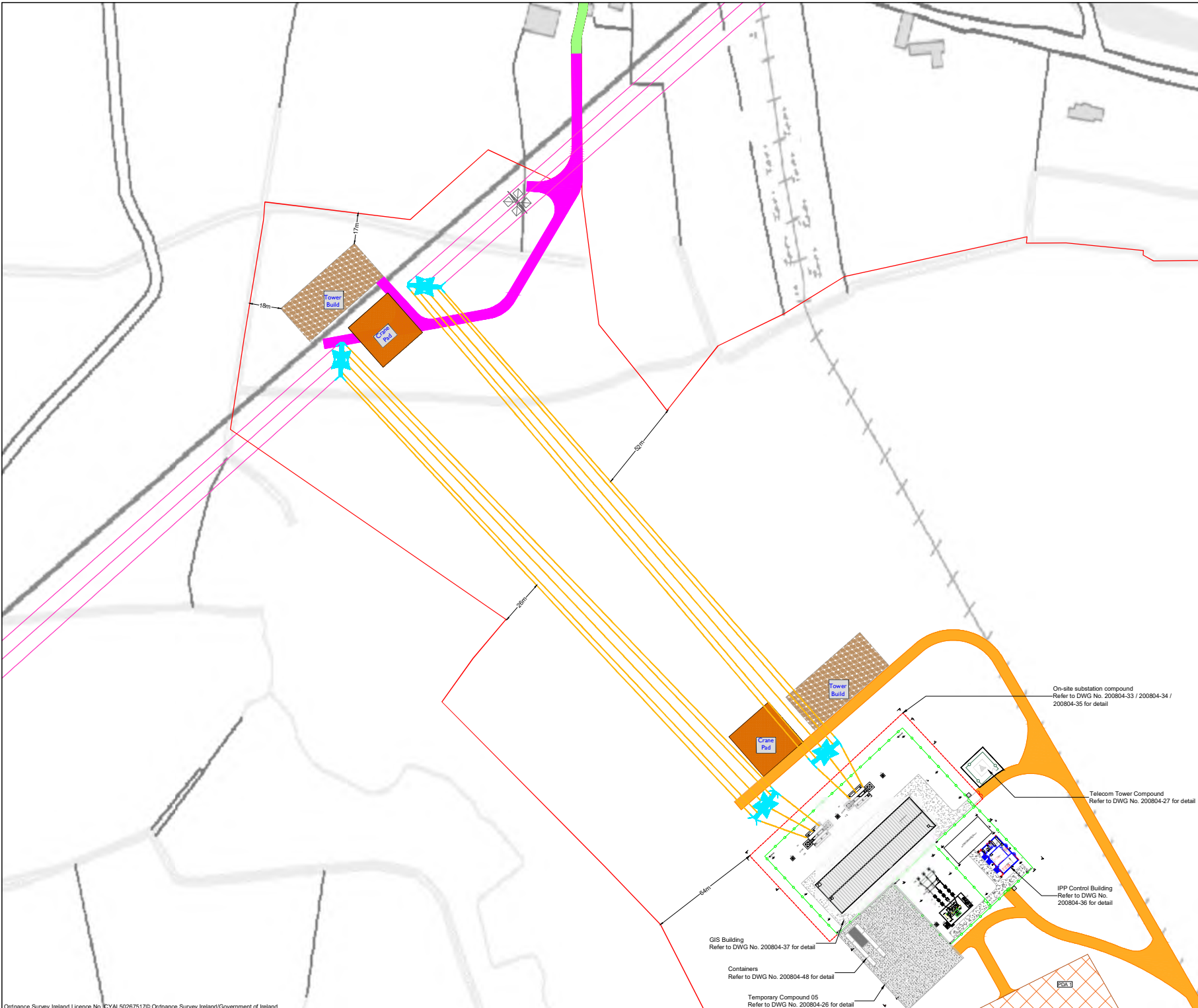


**NOTES:**

1. Mast/foundation orientation to be confirmed with met mast supplier
2. Earthing and ducting requirements to be confirmed with met mast supplier and forwarded to foundation designer

PROJECT TITLE: <b>Lemanaghan Wind Farm, Co. Offaly</b>			
DRAWING TITLE: <b>Meteorological Mast</b>			
PROJECT No.: <b>200804</b>	DRAWING No.: <b>200804 - 45</b>	SCALE: <b>As shown @ A2</b>	
DRAWN BY: <b>GO</b>	CHECKED BY: <b>RD</b>	DATE: <b>23.03.2026</b>	REVISION: <b>P01</b>

Email: [info@www.mkoireland.ie](mailto:info@www.mkoireland.ie) / Website: [www.mkoireland.ie](http://www.mkoireland.ie)



- Project Design Drawing Notes**
1. Drawings issued are for planning application purposes only.
  2. Drawings not to be used for construction/contract conditions.
  3. Copyright, all rights reserved. No part herewith may be copied or reproduced partially or wholly in any form whatsoever without the prior notice of the copyright owner McCarthy Keville O'Sullivan.
  4. Do not scale off this drawing. Figured metric dimensions only should be taken off this drawing.
  5. All contractors, whether main or sub-contractors, must visit the site and are responsible for taking and checking any and all dimensions and levels that relate to the works.
  6. The use of or reliance upon this drawing shall be deemed to be acceptance of these conditions of use unless otherwise agreed in writing, such written agreement to be sought from and issued by the copyright holder to the use or reliance upon this drawing.
  7. Layout plans show typical Turbine rotor diameter as per turbine drawing.
  8. Final levels may vary depending on local ground conditions.

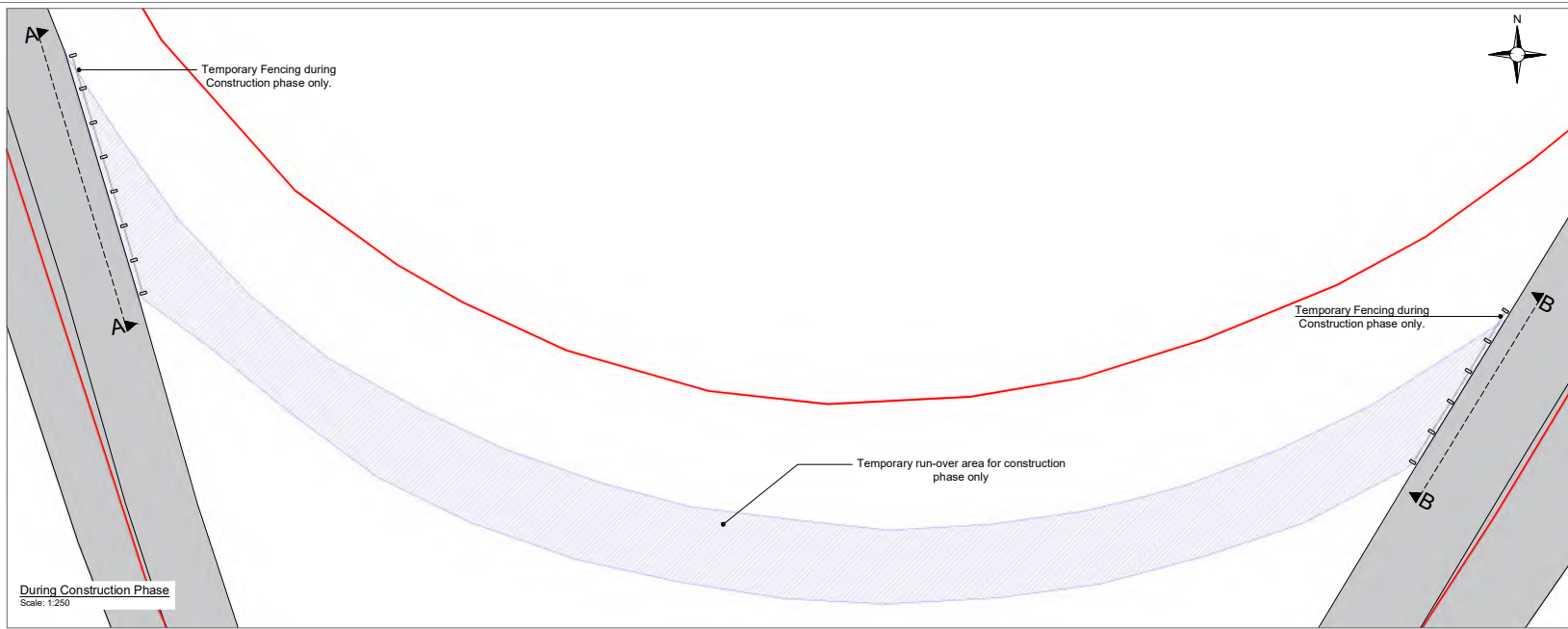
- Drawing Legend**
- Planning Application Boundary
  - Existing Road to be Upgraded
  - Proposed Road
  - Proposed Temporary Access Track
  - ★ Proposed Steel Mast
  - Existing Steel Mast
  - Proposed OHL
  - Existing OHL



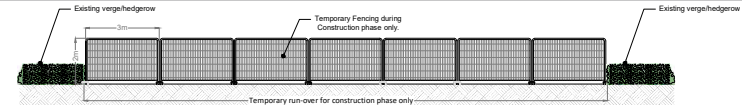
PROJECT TITLE: <b>Lemnaghan Wind Farm, Co. Offaly</b>		
DRAWING TITLE: <b>Grid Infrastructure Overall Arrangement</b>		
PROJECT No.: <b>200804</b>	DRAWING No.: <b>200804-46</b>	SCALE: <b>1:1,000 @ A1</b>
DRAWN BY: <b>GO</b>	CHECKED BY: <b>RD</b>	DATE: <b>23.03.2026</b>
GS SHEET No.:		REVISION: <b>P01</b>
3302, 3303, 3304, 3365, 3366, 3367, 3428, 3429, 3430		



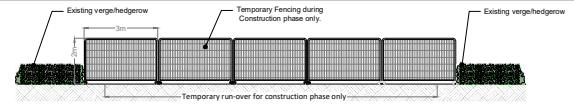
Email: [info@www.mkoireland.ie](mailto:info@www.mkoireland.ie) Website: [www.mkoireland.ie](http://www.mkoireland.ie)



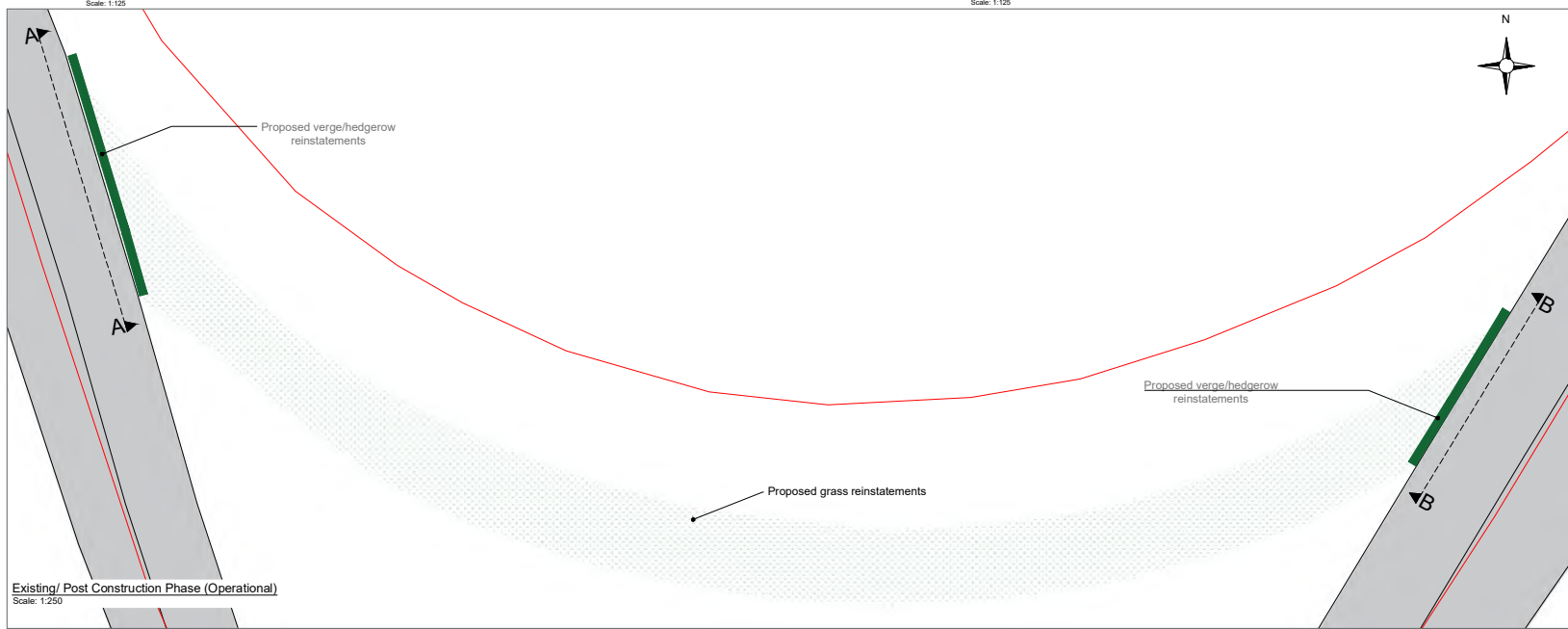
During Construction Phase  
Scale: 1:250



Elevation A-A - During Construction Phase  
Scale: 1:125



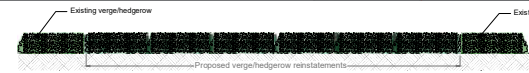
Elevation B-B - During Construction Phase  
Scale: 1:125



Existing/ Post Construction Phase (Operational)  
Scale: 1:250



Elevation A-A - Existing/ Post Construction Phase (Operational)  
Scale: 1:125



Elevation B-B - Existing/ Post Construction Phase (Operational)  
Scale: 1:125

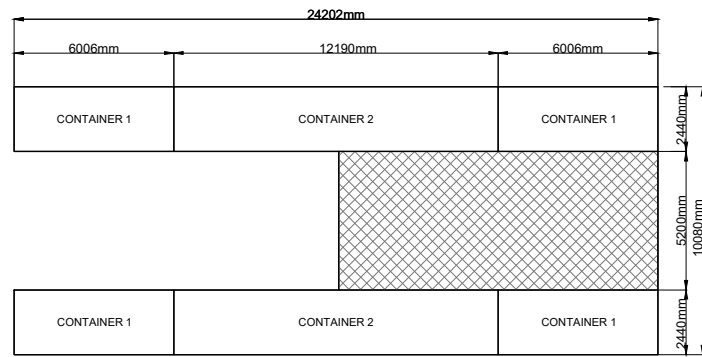
**Drawing Legend**

	Planning Application Boundary
--	-------------------------------

PROJECT TITLE: <b>Lemanaghan Wind Farm, Co. Offaly</b>			
DRAWING TITLE: <b>Temporary access track at Kennedy's Cross</b>			
PROJECT No.: <b>200804</b>	DRAWING No.: <b>200804 - 47</b>	SCALE: <b>As shown @ A1</b>	
DRAWN BY: <b>GO</b>	CHECKED BY: <b>RD</b>	DATE: <b>23.03.2026</b>	REVISION: <b>P01</b>



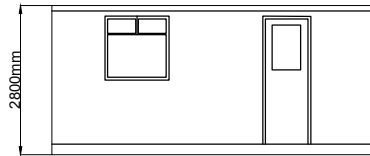
Email: [info@www.mkoireland.ie](mailto:info@www.mkoireland.ie) /Website: [www.mkoireland.ie](http://www.mkoireland.ie)



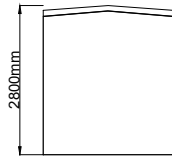
**CONTAINERS LAYOUT PLAN**

Scale 1:200

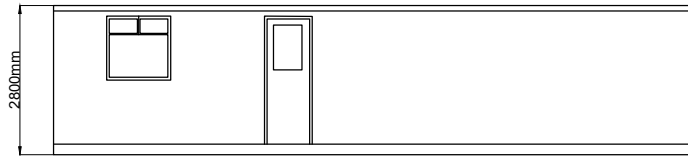
**Note:**  
 All dimensions are in millimetres, unless noted otherwise.  
 All dimensions to be checked on site and any discrepancy to be reported to the engineer.  
 Figured dimensions only to be used, drawings not to be scaled. If in doubt ask.  
 For illustration purposes only. Exact size and appearance of unit subject to manufacturer selection.



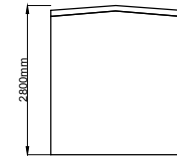
**CONTAINER 1  
 FRONT ELEVATION**  
 Scale 1:100



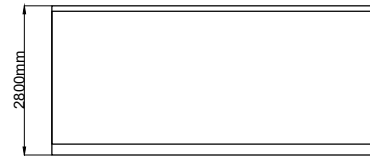
**CONTAINER 1  
 SIDE ELEVATION**  
 Scale 1:100



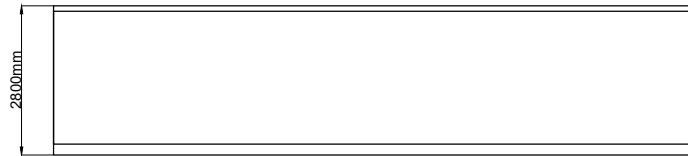
**CONTAINER 2  
 FRONT ELEVATION**  
 Scale 1:100



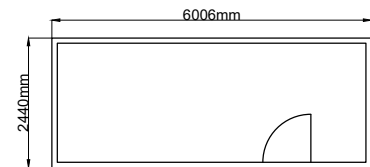
**CONTAINER 2  
 SIDE ELEVATION**  
 Scale 1:100



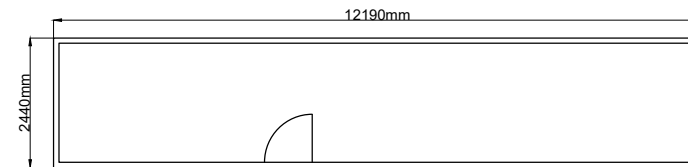
**CONTAINER 1  
 REAR ELEVATION**



**CONTAINER 2  
 REAR ELEVATION**  
 Scale 1:100



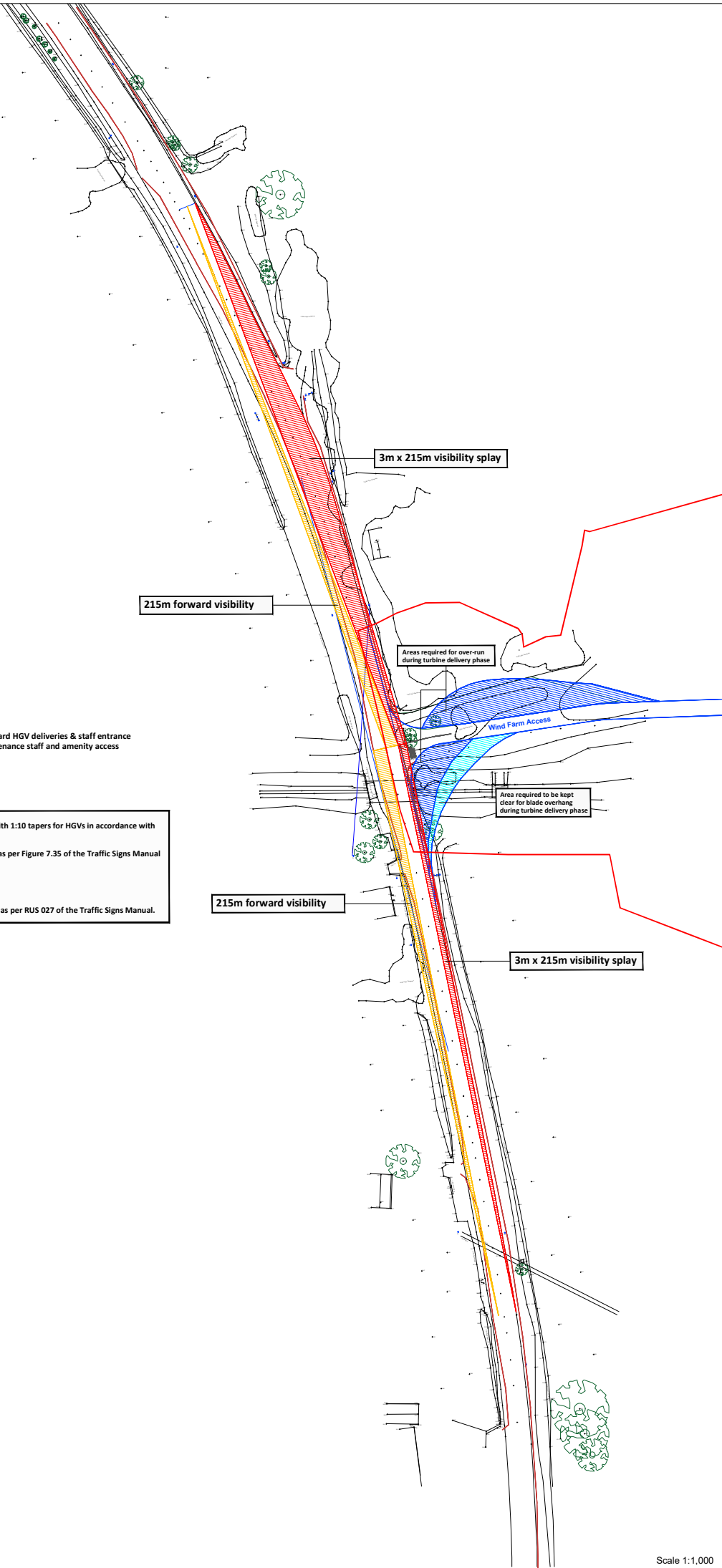
**CONTAINER 1  
 PLAN VIEW**  
 Scale 1:100



**CONTAINER 2  
 PLAN VIEW**  
 Scale 1:100

PROJECT TITLE: <b>Lemanaghan Wind Farm, Co. Offaly</b>			
DRAWING TITLE: <b>Temporary Construction Compound 5 Containers Detail</b>			
PROJECT No.: <b>200804</b>	DRAWING No.: <b>200804-48</b>	SCALE: <b>As shown @ A3</b>	
DRAWN BY: <b>FB</b>	CHECKED BY: <b>GO</b>	DATE: <b>23.03.2026</b>	REVISION: <b>P01</b>



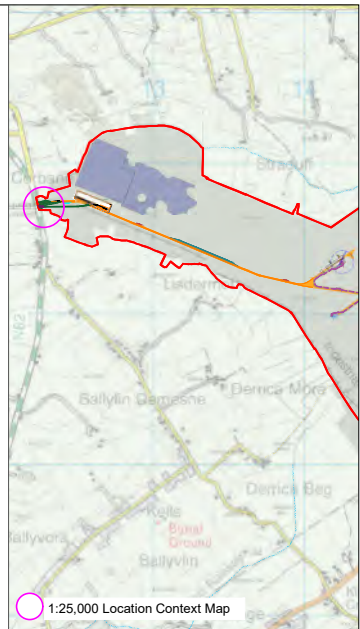


**SITE ENTRANCE 1**

Proposed Use:

Construction stage - Standard HGV deliveries & staff entrance  
 Operational stage - Maintenance staff and amenity access

Junction radii are 13m with 1:10 tapers for HGVs in accordance with TII DN-GEO-03060  
 Junction markings to be as per Figure 7.35 of the Traffic Signs Manual  
 - Centreline RM 001  
 - STOP line RRM 017  
 - STOP lettering M114.  
 Junction stop signs to be as per RUS 027 of the Traffic Signs Manual.



1:25,000 Location Context Map

### Legend

- Planning Application Boundary
- Areas required for over-run during turbine delivery phase
- Area required to be kept clear for blade overhang during turbine delivery phase
- Forward Visibility
- Visibility Splay

PROJECT TITLE: <b>Lemanaghan Wind Farm, Co. Offaly</b>			
DRAWING TITLE: <b>Site Entrance 1 - N62 / Wind Farm access junction, junction layout with visibility splays</b>			
PROJECT No.: <b>200804</b>	DRAWING No.: <b>200804 - 49</b>	SCALE: <b>As Shown @ A2</b>	
DRAWN BY: <b>GO</b>	CHECKED BY: <b>RD</b>	DATE: <b>23.03.2026</b>	REVISION: <b>P01</b>

Scale 1:1,000

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## SITE ENTRANCE 2

### Proposed Use:

Construction stage - Standard HGV deliveries & staff entrance  
Operational stage - Maintenance staff and amenity access

3m x 160m visibility splay

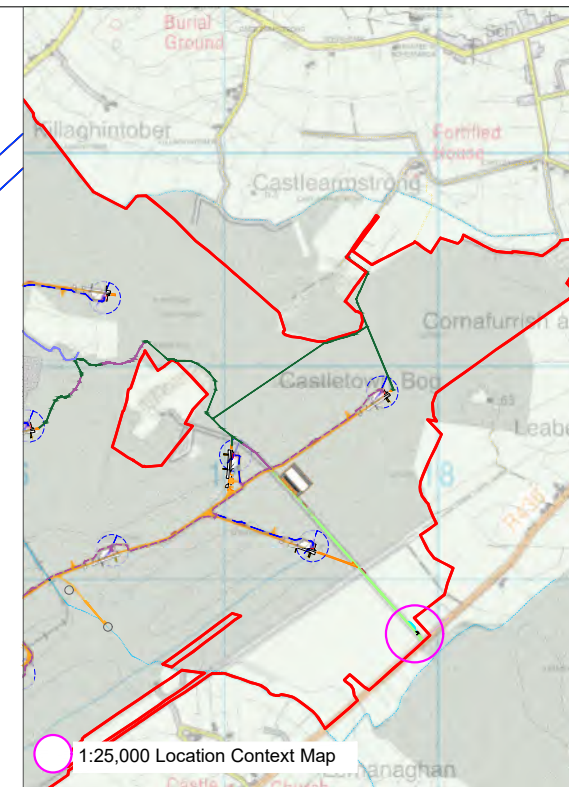
Junction radii are 13m with 1:10 tapers for HGVs in accordance with TII DN-GEO-03060

Junction markings to be as per Figure 7.35 of the Traffic Signs Manual

- Centreline RM 001
- STOP line RRM 017
- STOP lettering M114.

Junction stop signs to be as per RUS 027 of the Traffic Signs Manual.

3m x 160m visibility splay



1:25,000 Location Context Map

## Legend

- Planning Application Boundary
- Visibility Splay
- Gate
- Security Hut
- Whellwash

PROJECT TITLE:			
<b>Lemnaghan Wind Farm, Co. Offaly</b>			
DRAWING TITLE:			
<b>Site Entrance 2 - R436 / Wind Farm access junction, junction layout with visibility splays</b>			
PROJECT No.:	DRAWING No.:	SCALE:	
200804	200804 - 50	As Shown @ A3	
DRAWN BY:	CHECKED BY:	DATE:	REVISION:
GO	RD	23.03.2026	P01



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Scale 1:1,000

### SITE ENTRANCE 3

**Proposed Use:**

Construction stage - Standard HGV deliveries & staff entrance for Substation  
 Operational stage - Maintenance and monitoring staff for substation

Junction radii are 13m with 1:10 tapers for HGVs in accordance with TII DN-GEO-03060

Junction markings to be as per Figure 7.35 of the Traffic Signs Manual

- Centreline RM 001
- STOP line RRM 017
- STOP lettering M114.

Junction stop signs to be as per RUS 027 of the Traffic Signs Manual.

3m x 120m visibility splay

3m x 120m visibility splay

### SITE ENTRANCE 4

**Proposed Use:**

Construction stage - Closed  
 Operational stage - Amenity access

Junction radii are 9m in accordance with TII DN-GEO-03060

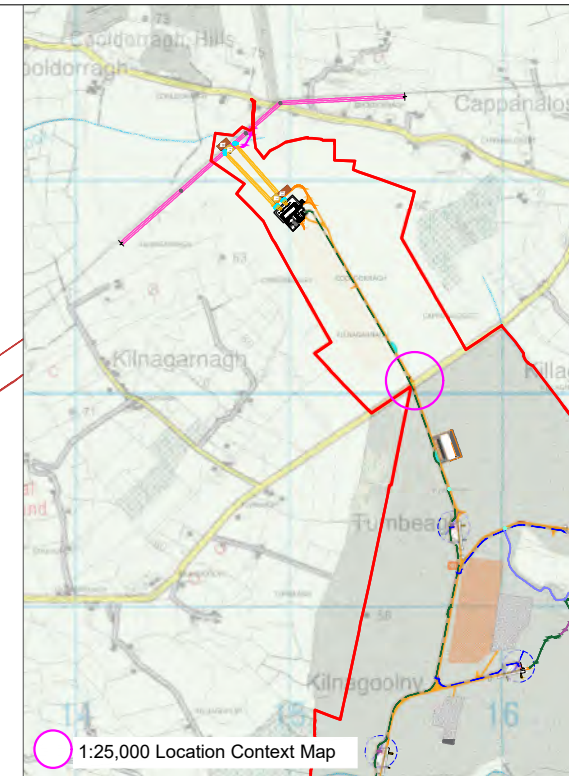
Junction markings to be as per Figure 7.35 of the Traffic Signs Manual

- Centreline RM 001
- STOP line RRM 017
- STOP lettering M114.

Junction stop signs to be as per RUS 027 of the Traffic Signs Manual.

3m x 120m visibility splay

3m x 120m visibility splay



1:25,000 Location Context Map

### Legend

- Planning Application Boundary
- Visibility Splay
- Gate
- Security Hut

PROJECT TITLE: <b>Lemanaghan Wind Farm, Co. Offaly</b>			
DRAWING TITLE: <b>Site Entrance 3 - L7002 (north) / Substation access junction &amp; Site Entrance 4 - L7002 (south)/ Wind Farm access junction, junction layout with visibility splays</b>			
PROJECT No.: <b>200804</b>	DRAWING No.: <b>200804 - 51</b>	SCALE: <b>As Shown @ A3</b>	
DRAWN BY: <b>GO</b>	CHECKED BY: <b>RD</b>	DATE: <b>23.03.2026</b>	REVISION: <b>P01</b>



## SITE ENTRANCE 5

### Proposed Use:

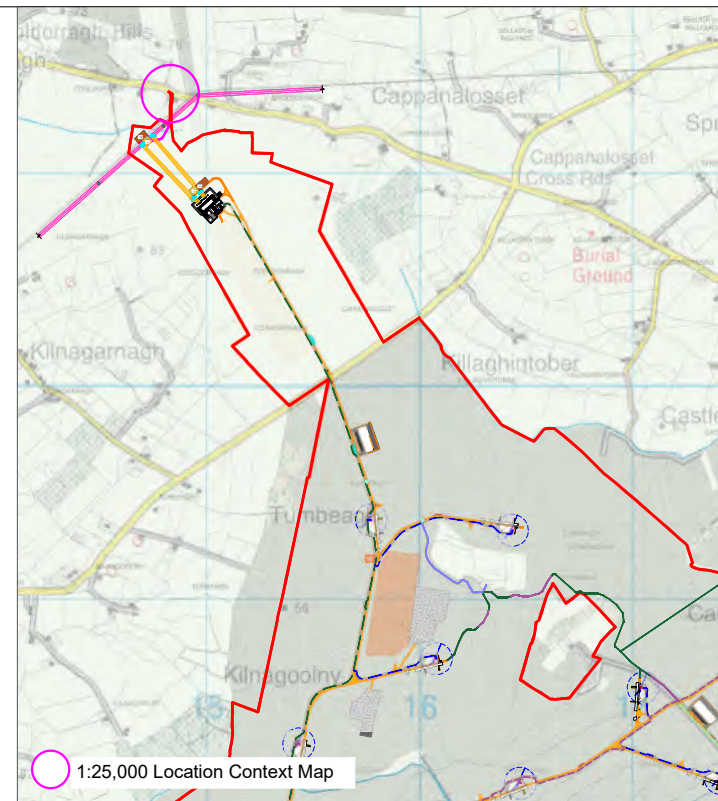
Construction stage - Used for access to substation. Must be used with traffic management measures. Will be Closed when not in use.  
Operational stage - To be retained for Agricultural use

Junction radius on western corner is 13m. There will be no traffic to and from the east.

Junction markings to be as per Figure 7.35 of the Traffic Signs Manual

- Centreline RM 001
- STOP line RRM 017
- STOP lettering M114.

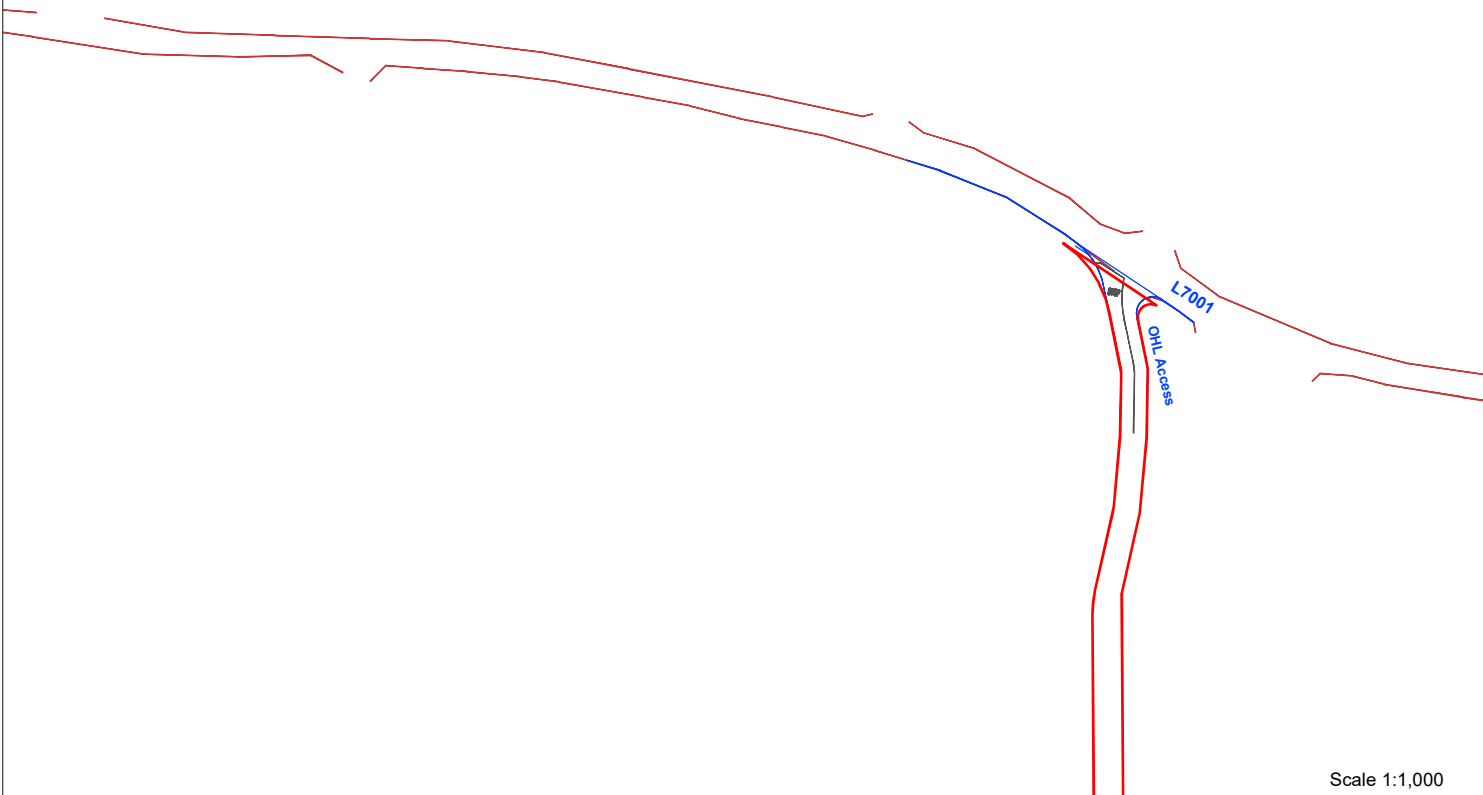
Junction stop signs to be as per RUS 027 of the Traffic Signs Manual.



1:25,000 Location Context Map

## Legend

— Planning Application Boundary

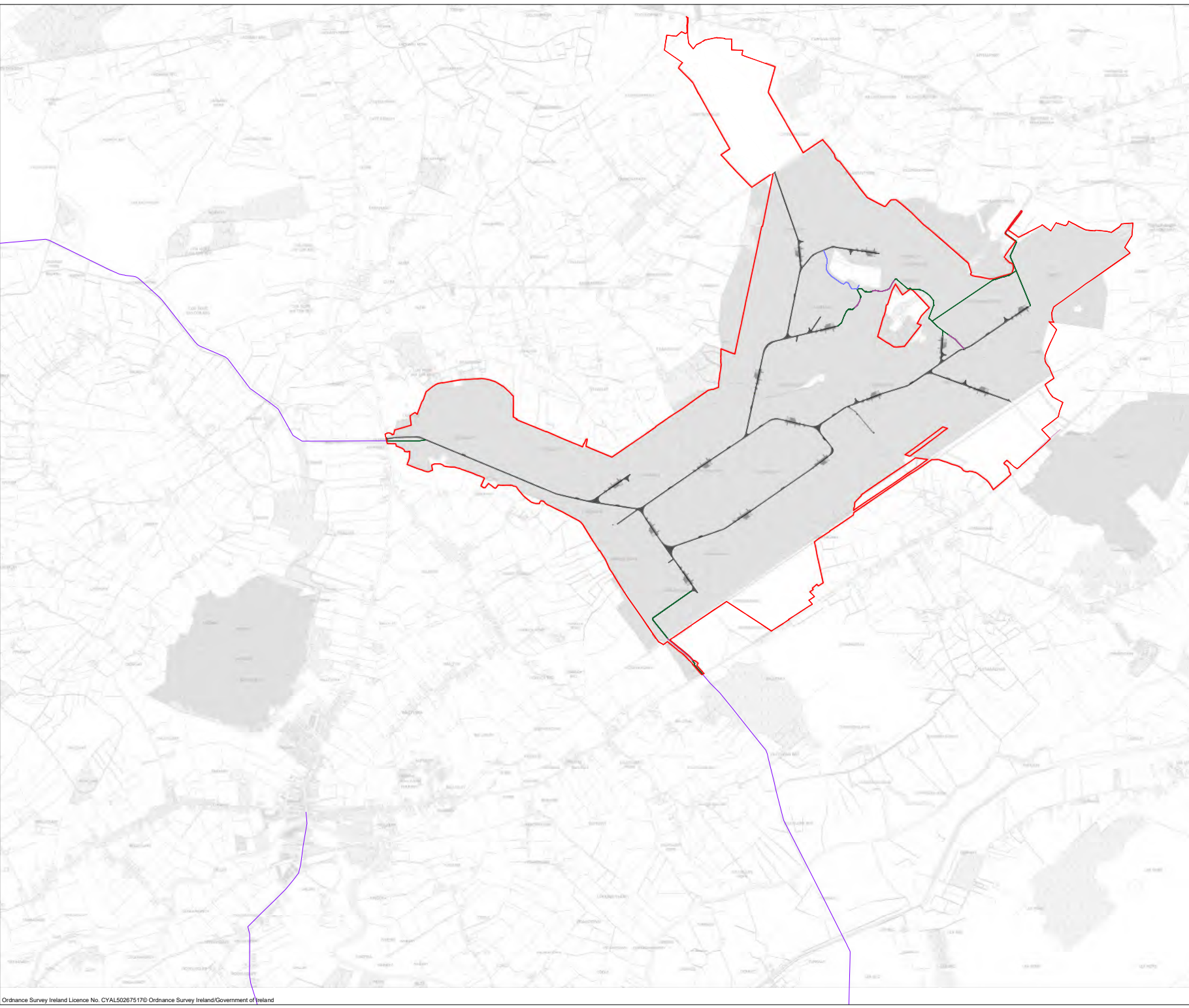


Scale 1:1,000

PROJECT TITLE:			
<b>Lemanaghan Wind Farm, Co. Offaly</b>			
DRAWING TITLE:			
<b>Site Entrance 5 - L7001</b>			
PROJECT No.:	DRAWING No.:	SCALE:	
200804	200804 - 52	As Shown @ A3	
DRAWN BY:	CHECKED BY:	DATE:	REVISION:
GO	RD	23.03.2026	P01

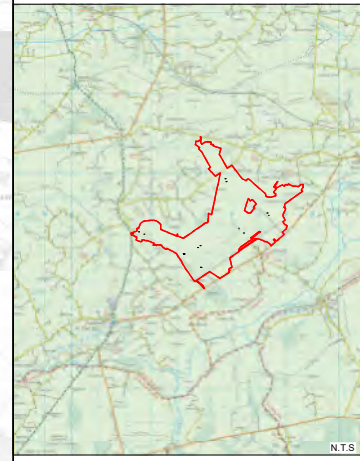


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- Project Design Drawing Notes**
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  2. Drawings not to be used for construction/contract conditions.
  3. Copyright, all rights reserved. No part herewith may be copied or reproduced partially or wholly in any form whatsoever without the prior notice of the copyright owner McCarthy Keville O'Sullivan.
  4. Do not scale off this drawing. Figured metric dimensions only should be taken off this drawing.
  5. All contractors, whether main or sub-contractors, must visit the site and are responsible for taking and checking any and all dimensions and levels that relate to the works.
  6. The use of or reliance upon this drawing shall be deemed to be acceptance of these conditions of use unless otherwise agreed in writing, such written agreement to be sought from and issued by the copyright holder to the use or reliance upon this drawing.
  7. Layout plans show typical Turbine rotor diameter as per turbine drawing.
  8. Final levels may vary depending on local ground conditions.

- Drawing Legend**
- Planning Application Boundary
  - Granted Offaly West Midlands Trail Network Infrastructure
  - Proposed Wind Farm Infrastructure
  - Proposed Upgrades to Existing Roads for Amenity Track
  - Proposed New Amenity Track
  - Existing Historical Pathway



PROJECT TITLE:  
**Lemanaghan Wind Farm, Co. Offaly**

DRAWING TITLE:  
**Amenity Network Within and Around the Proposed Project site**

PROJECT No.:	DRAWING No.:	SCALE:
200804	200804 - 53	1:15,000 @ A1
DRAWN BY:	CHECKED BY:	DATE:
GO	RD	23.03.2026
		REVISION:
		P01

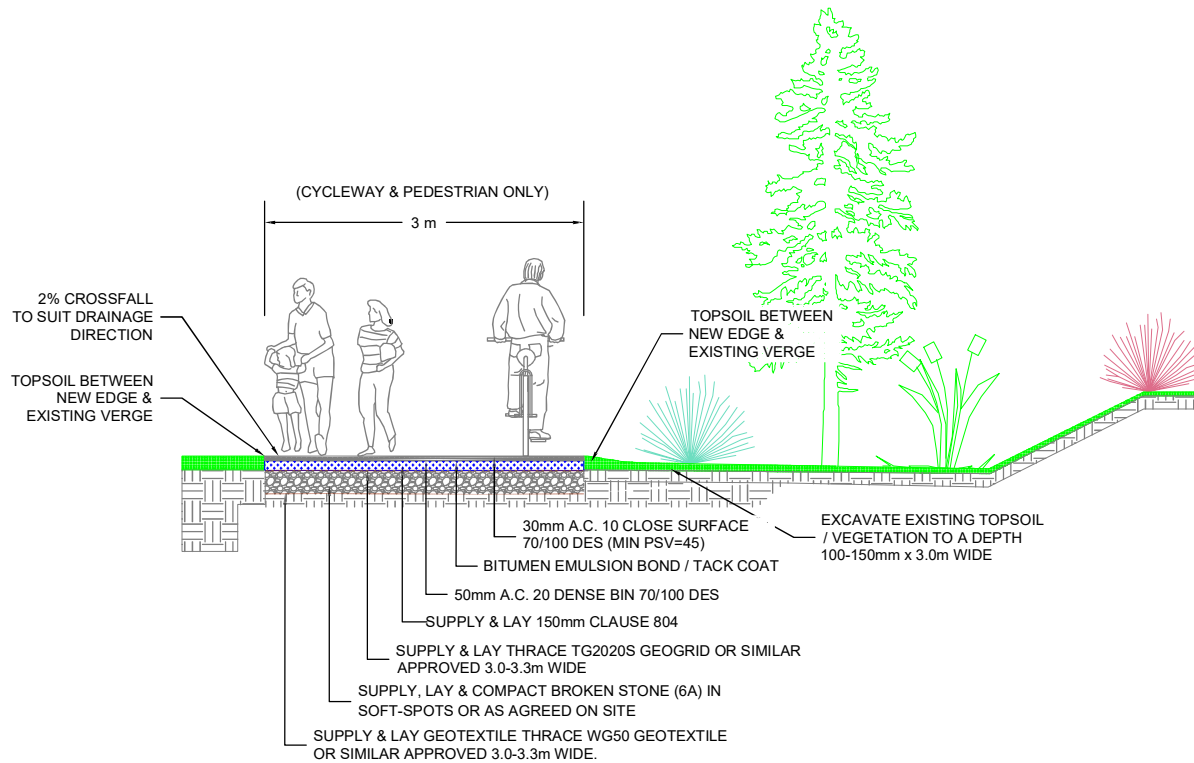
OS SHEET No.:

- 3302, 3303, 3304, 3365, 3366, 3367, 3428, 3429, 3430



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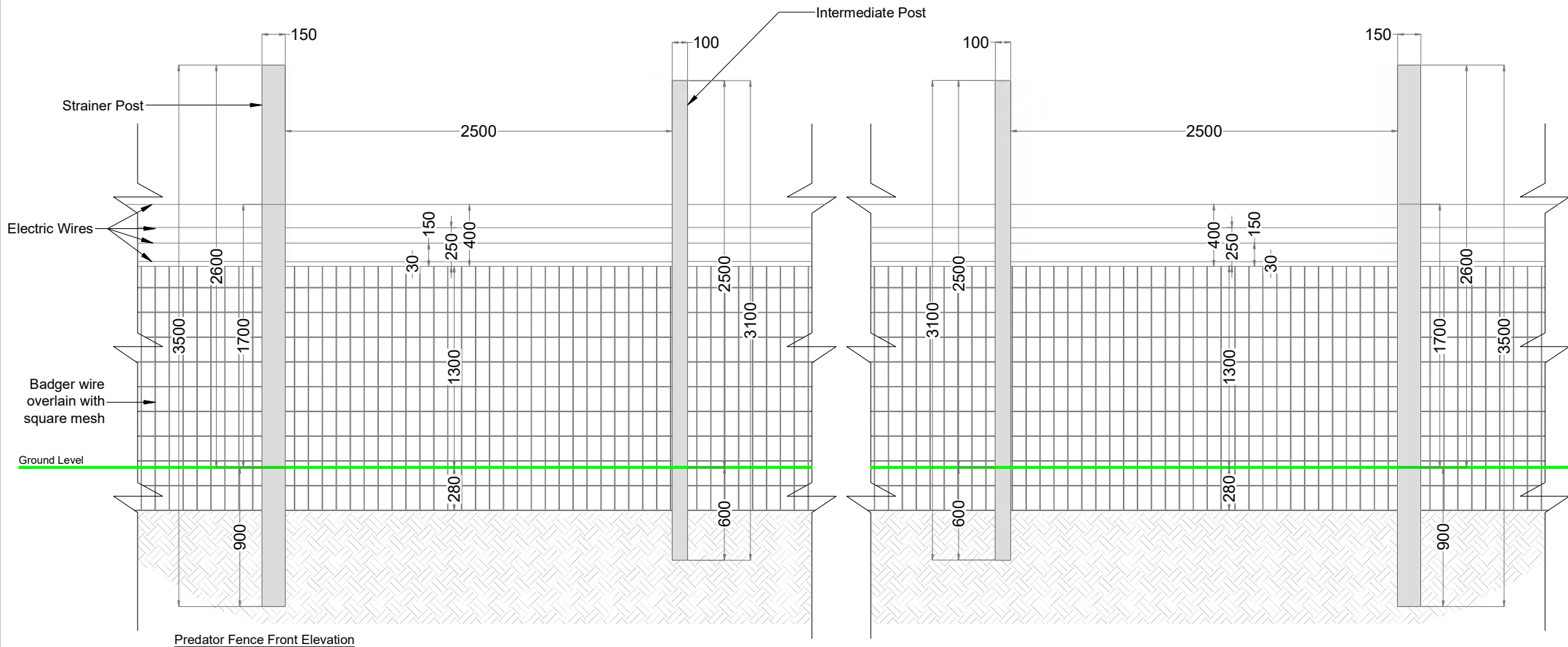
**Note:**  
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 Figured dimensions only to be used, drawings not to be scaled. If in doubt ask.  
 For illustration purposes only. Exact size and appearance of unit subject to manufacturer selection.



**GREENWAY**  
 SCALE 1:50


PROJECT TITLE:			
<b>Lemanaghan Wind Farm, Co. Offaly</b>			
DRAWING TITLE:			
<b>Amenity Track Detail</b>			
PROJECT No.:	DRAWING No.:	SCALE:	
<b>200804</b>	<b>200804-54</b>	<b>1:50 @A3</b>	
DRAWN BY:	CHECKED BY:	DATE:	REVISION:
<b>FB</b>	<b>GO</b>	<b>24.03.2026</b>	<b>P01</b>



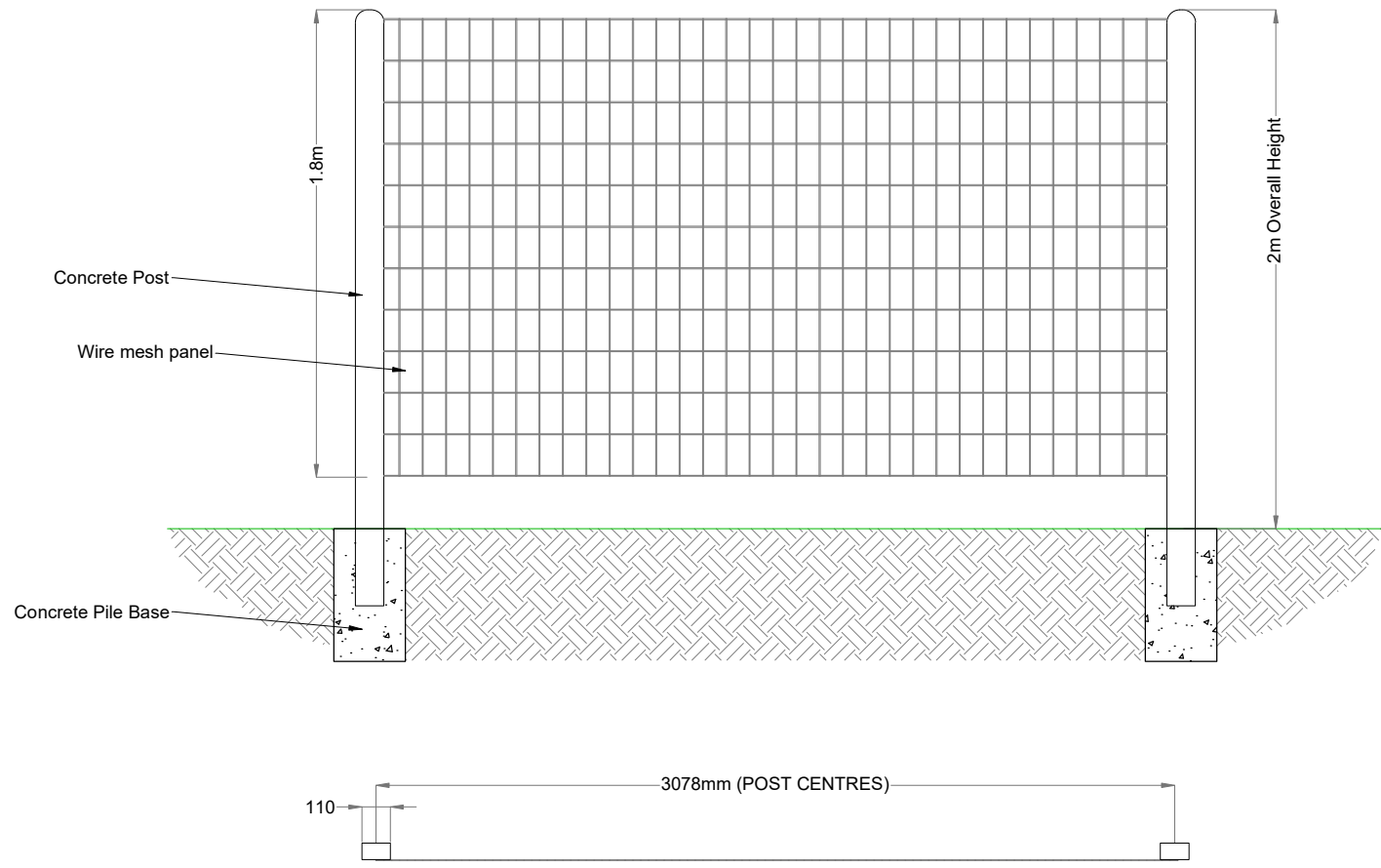


Predator Fence Front Elevation

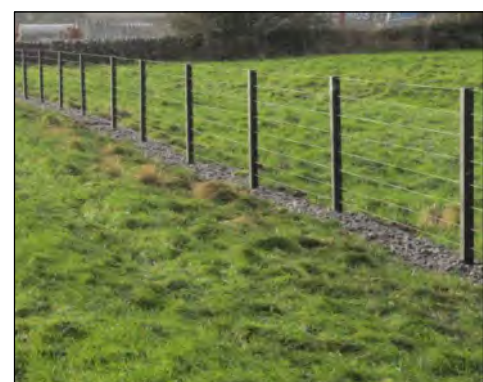
**Note:**  
 All dimensions are in millimetres, unless noted otherwise.  
 All dimensions to be checked on site and any discrepancy to be reported to the engineer.  
 Figured dimensions only to be used, drawings not to be scaled. If in doubt ask.  
 For illustration purposes only. Exact size and appearance of unit subject to manufacturer selection.

PROJECT TITLE: <b>Lemanaghan Wind Farm, Co. Offaly</b>			
DRAWING TITLE: <b>Predator Fence Detail</b>			
PROJECT No.: <b>200804</b>	DRAWING No.: <b>200804-55</b>	SCALE: <b>1:25 @ A3</b>	
DRAWN BY: <b>FB</b>	CHECKED BY: <b>GO</b>	DATE: <b>23.03.2026</b>	REVISION: <b>P01</b>
			
<small>Email: <a href="mailto:info@www.mkoireland.ie">info@www.mkoireland.ie</a> /Website: <a href="http://www.mkoireland.ie">www.mkoireland.ie</a></small>			

**Note:**  
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 For illustration purposes only. Exact size and appearance of unit subject to manufacturer selection.



INDICATIVE IMAGE

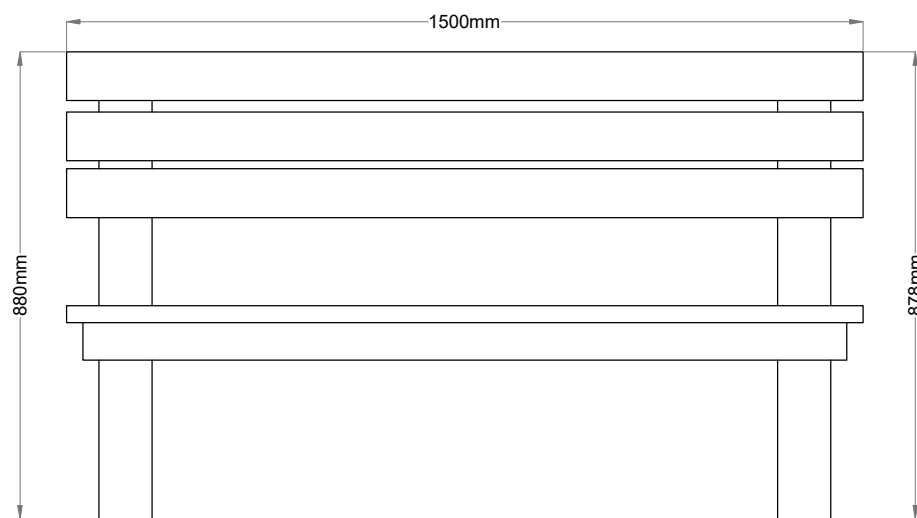
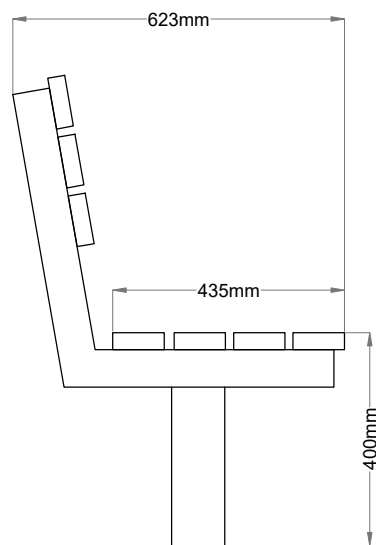
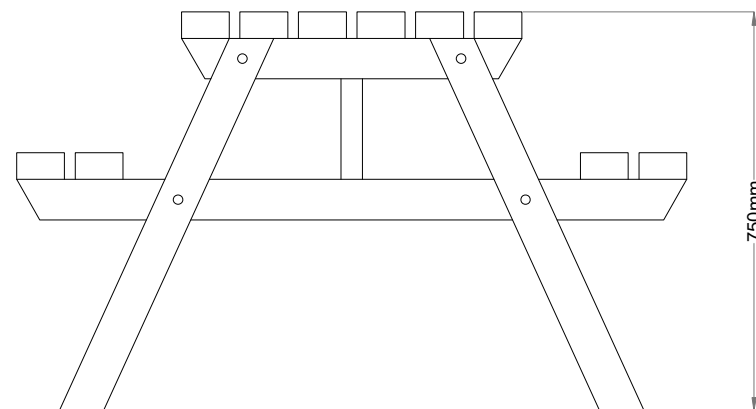
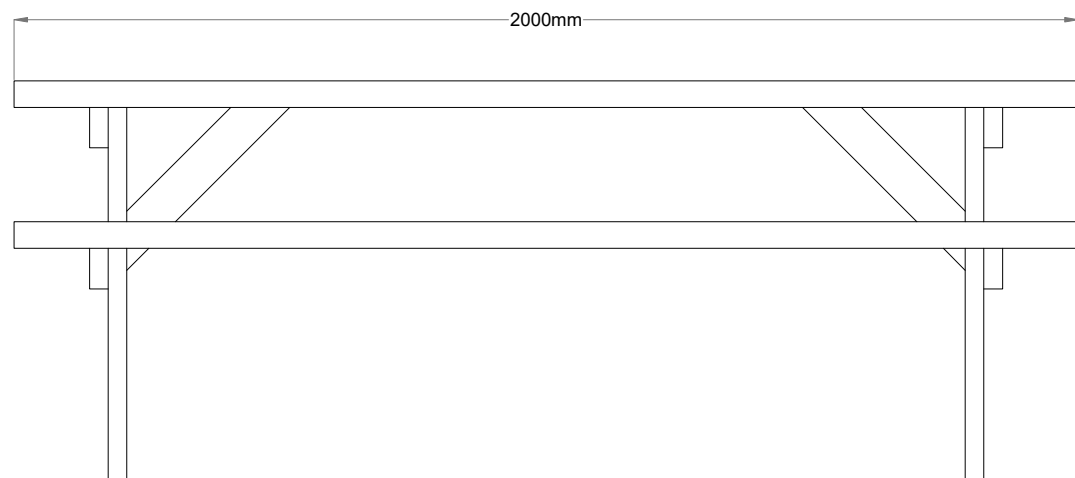


INDICATIVE IMAGE

PROJECT TITLE: <b>Lemanaghan Wind Farm, Co. Offaly</b>			
DRAWING TITLE: <b>Fence Detail</b>			
PROJECT No.: <b>200804</b>	DRAWING No.: <b>200804-56</b>	SCALE: <b>1:20 @ A3</b>	
DRAWN BY: <b>FB</b>	CHECKED BY: <b>GO</b>	DATE: <b>23.03.2026</b>	REVISION: <b>P01</b>

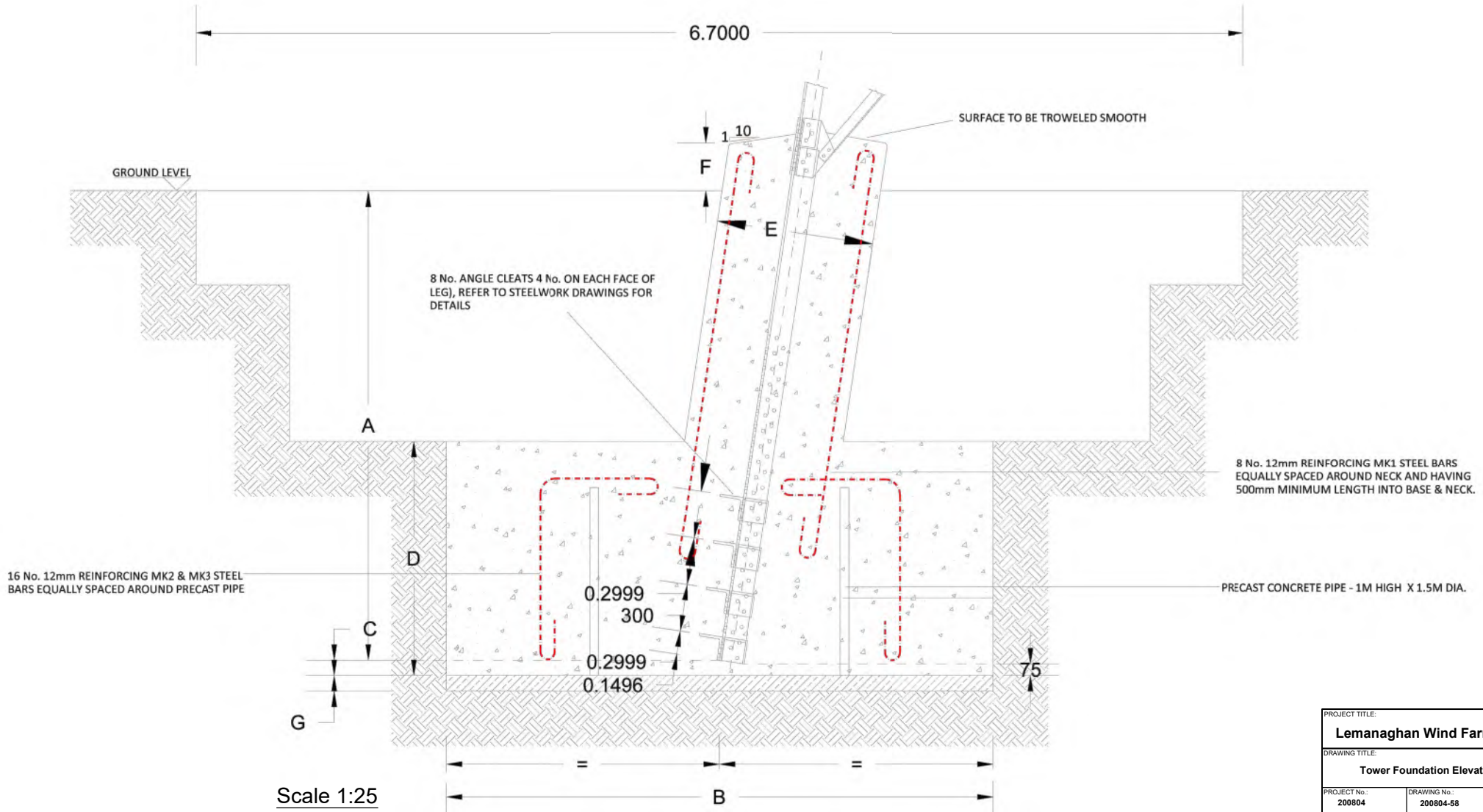


Note  
For illustrative purposes only  
exact details to be confirmed



PROJECT TITLE:			
<b>Lemanaghan Wind Farm, Co. Offaly</b>			
DRAWING TITLE:			
<b>Proposed Bench and Seating Detail</b>			
PROJECT No.:	DRAWING No.:	SCALE:	
200804	200804-57	1:10 @ A3	
DRAWN BY:	CHECKED BY:	DATE:	REVISION:
FB	GO	23.03.2026	P01



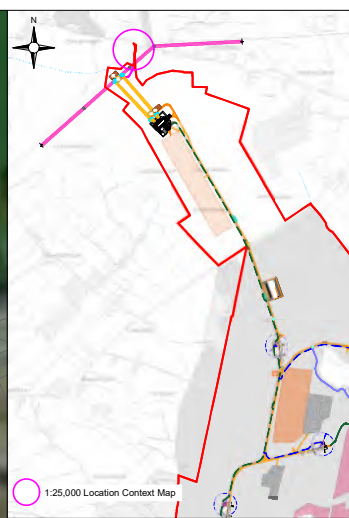


- NOTES:
- This drawing is to be read in conjunction with relevant drawings, specifications and reports
  - Drawing is for planning purposes only
  - Tower foundation detail is subject detailed design
  - Dimensions are in millimetres, unless noted otherwise
  - Drawings are not to be scaled use figured dimensions only

DIMENSIONS	A	B	C	D	E	F	G
mm	3000	3600	105	1600	1000	300	100

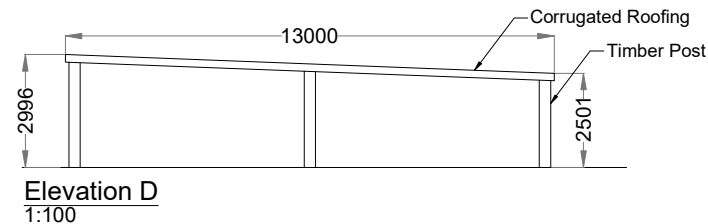
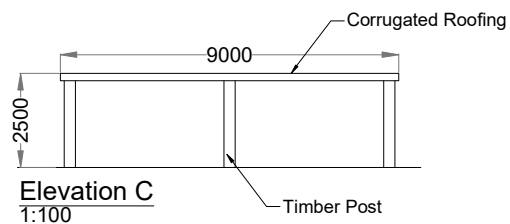
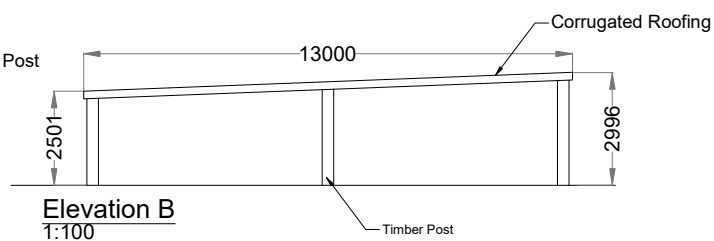
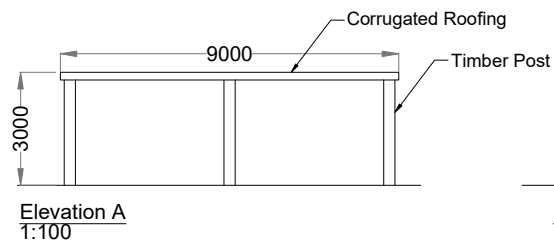
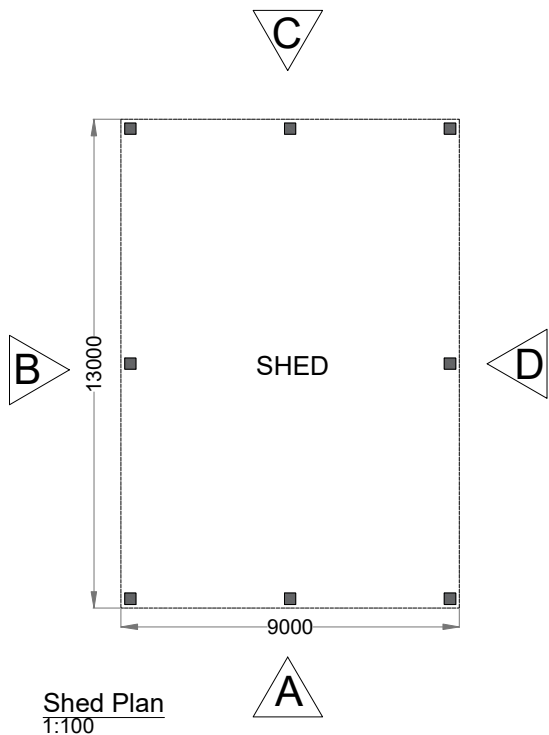
PROJECT TITLE:			
Lemanaghan Wind Farm, Co. Offaly			
DRAWING TITLE:			
Tower Foundation Elevation Section			
PROJECT No.:	DRAWING No.:	SCALE:	
200804	200804-58	1:25 @ A3	
DRAWN BY:	CHECKED BY:	DATE:	REVISION:
FB	GO	23.03.2026	P01





Aerial Site Layout Plan  
1:500

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 For illustration purposes only. Exact size and appearance of unit subject to manufacturer selection.



PROJECT TITLE: <b>Lemanaghan Wind Farm, Co. Offaly</b>			
DRAWING TITLE: <b>Agricultural Shed to be Removed</b>			
PROJECT No.: <b>200804</b>	DRAWING No.: <b>200804 - 59</b>	SCALE: <b>As shown @ A2</b>	
DRAWN BY: <b>GO</b>	CHECKED BY: <b>RD</b>	DATE: <b>23.03.2026</b>	REVISION: <b>P01</b>

