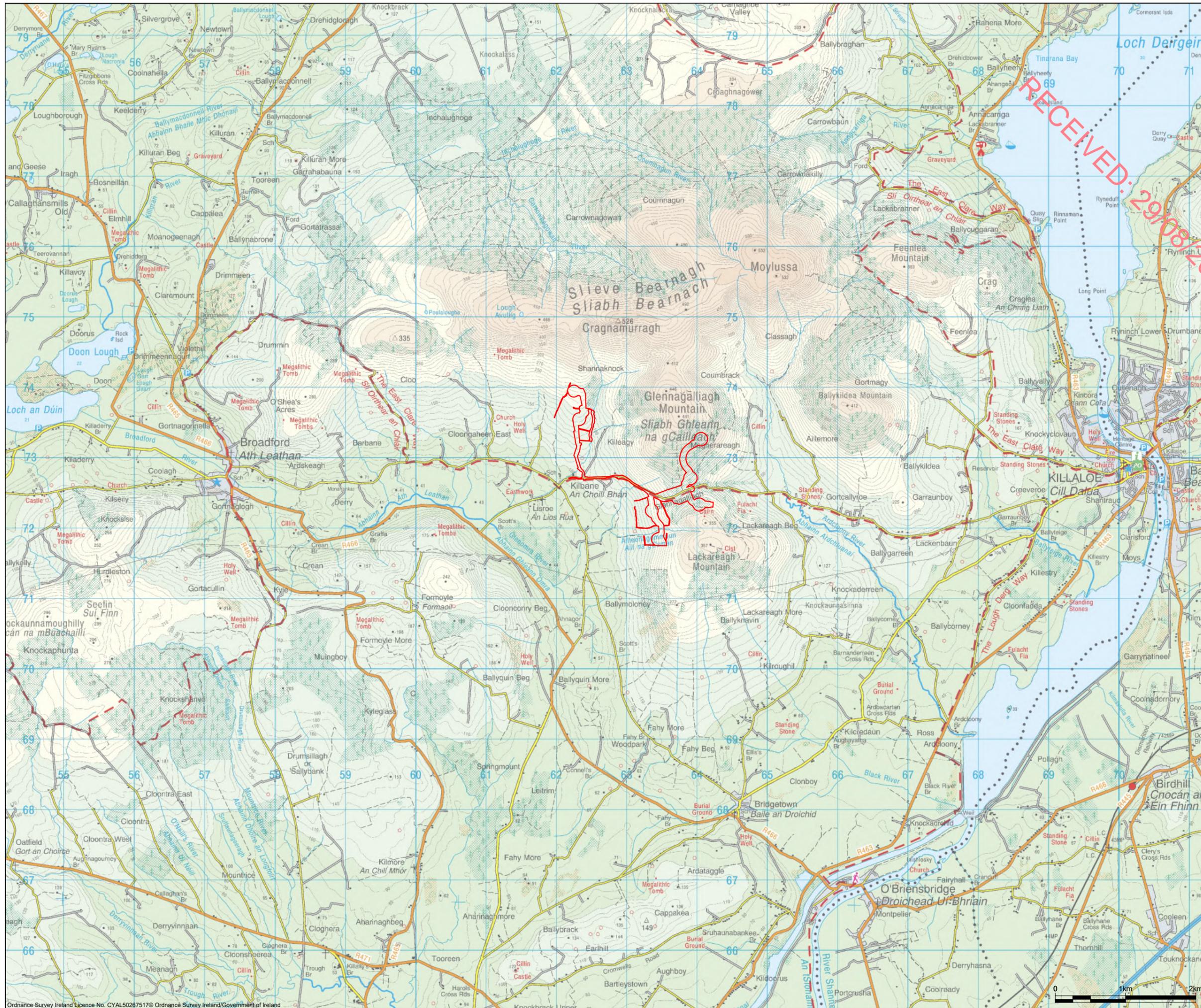


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APPENDIX 4-1

**SITE LAYOUT PLANNING
DRAWINGS**

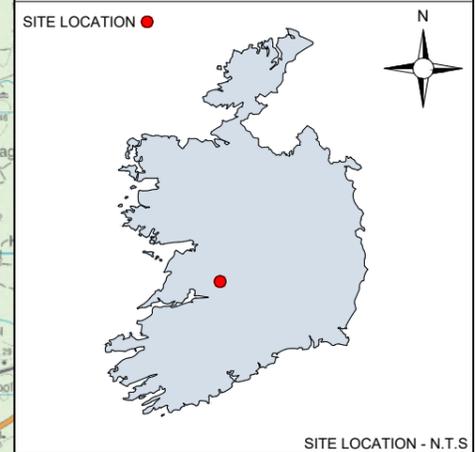


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 7. Layout plans show typical Turbine rotor diameter as per turbine drawing.
 8. Final levels may vary depending on local ground conditions.

Drawing Legend

— Planning Application Boundary

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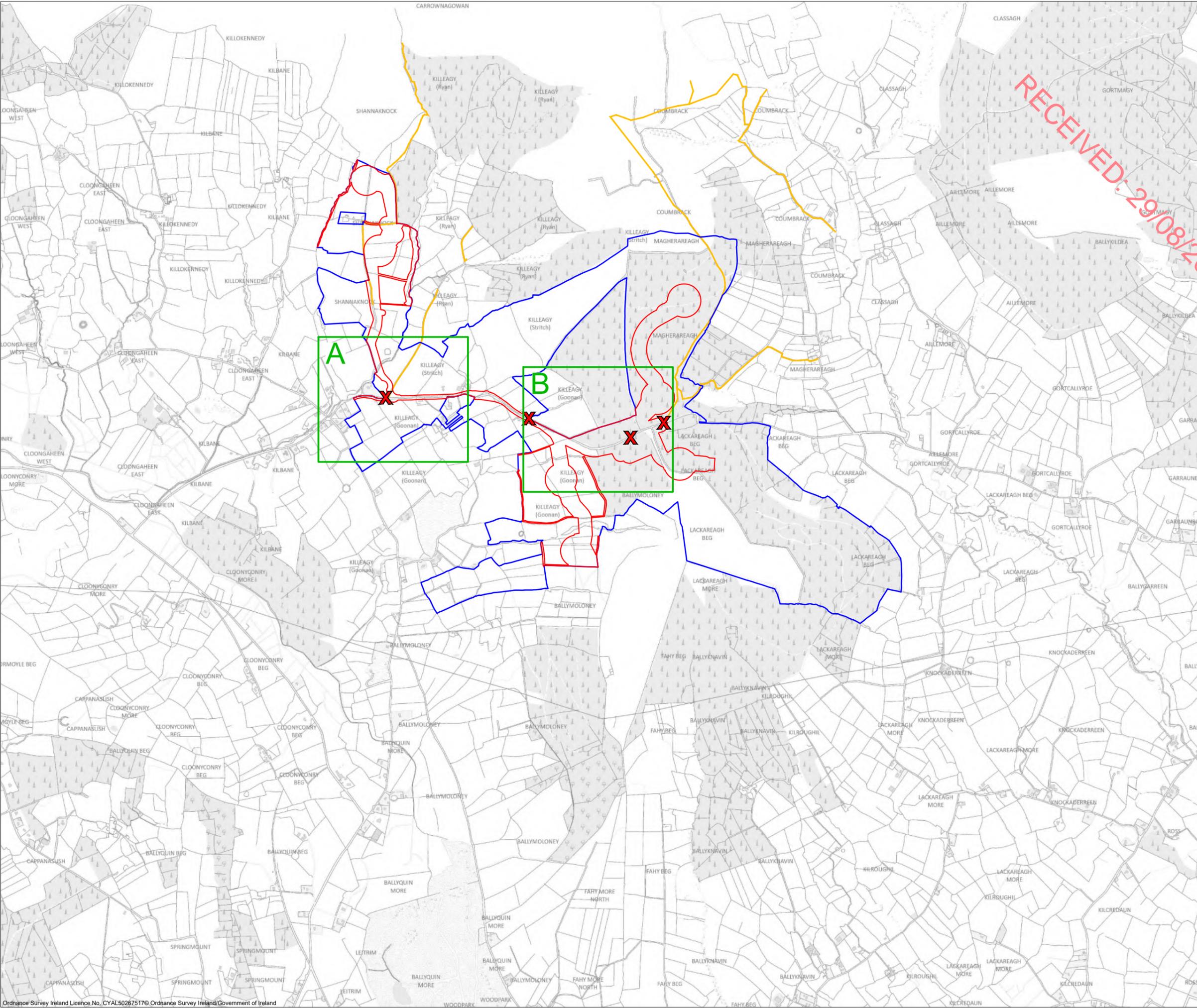
PROJECT TITLE:
**Lackareagh Wind Farm,
Co. Clare**

DRAWING TITLE:
Location Context Map

PROJECT No.: 220245	DRAWING No.: 220245 - 01	SCALE: 1:50,000 @ A3
DRAWN BY: JOB	CHECKED BY: CJ	REVISION: D01
DATE: 20.08.2024		
OS SHEET No.: OS1416, OS1616		



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 8. Final levels may vary depending on local ground conditions.

- Drawing Legend**
- Planning Application Boundary
 - Landowners Boundary
 - X Site Notice
 - Wayleaves

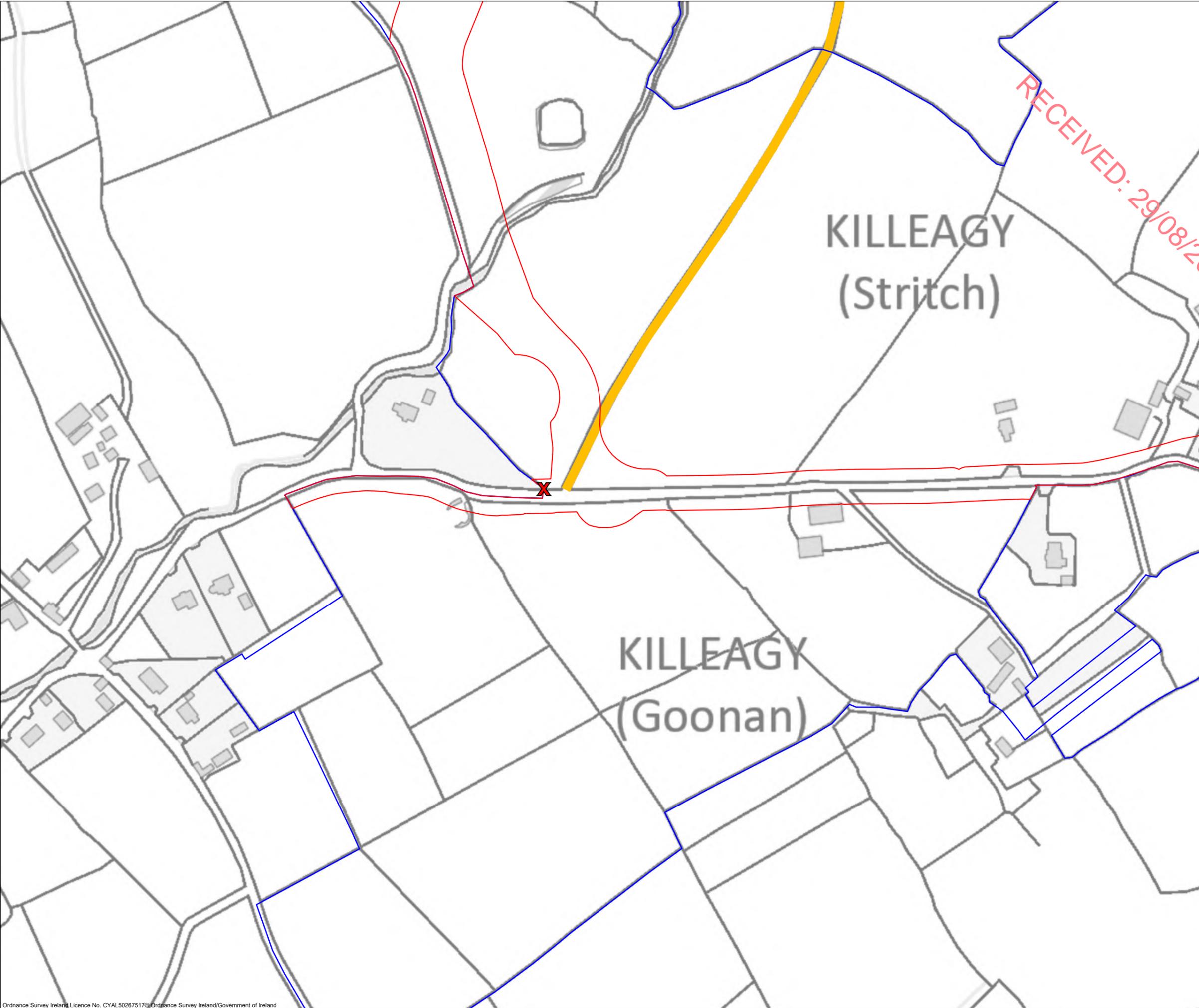


PROJECT TITLE: **Lackareagh Wind Farm, Co. Clare**

DRAWING TITLE: **Site Location Map**

PROJECT No.: 220245	DRAWING No.: 220245 - 02	SCALE: 1:20,000 @ A3
DRAWN BY: JOB	CHECKED BY: CJ	DATE: 20.08.2024
OS SHEET No.:		4387, 4388, 4445, 4446

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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
- Landowners Boundary
- X Site Notice
- Wayleaves



PROJECT TITLE: **Lackareagh Wind Farm, Co. Clare**

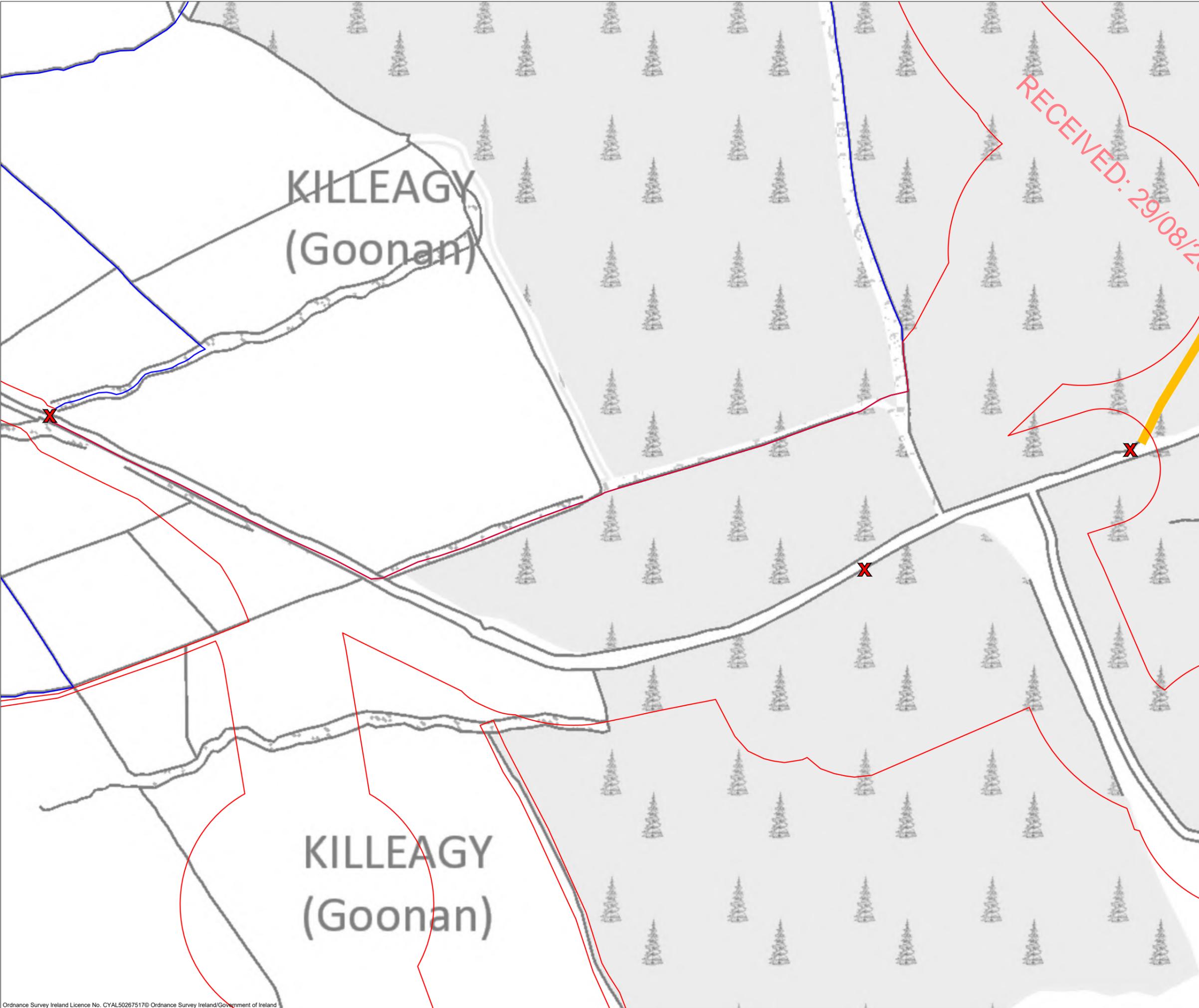
DRAWING TITLE: **Site Location Map Sheet A**

PROJECT No.: 220245	DRAWING No.: 220245 - 02A	SCALE: 1:2,500 @ A3
DRAWN BY: JOB	CHECKED BY: CJ	DATE: 20.08.2024
		REVISION: D01

OS SHEET No.: 4387, 4388, 4445, 4446



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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
 - Landowners Boundary
 - X Site Notice
 - Wayleaves



PROJECT TITLE: **Lackareagh Wind Farm, Co. Clare**

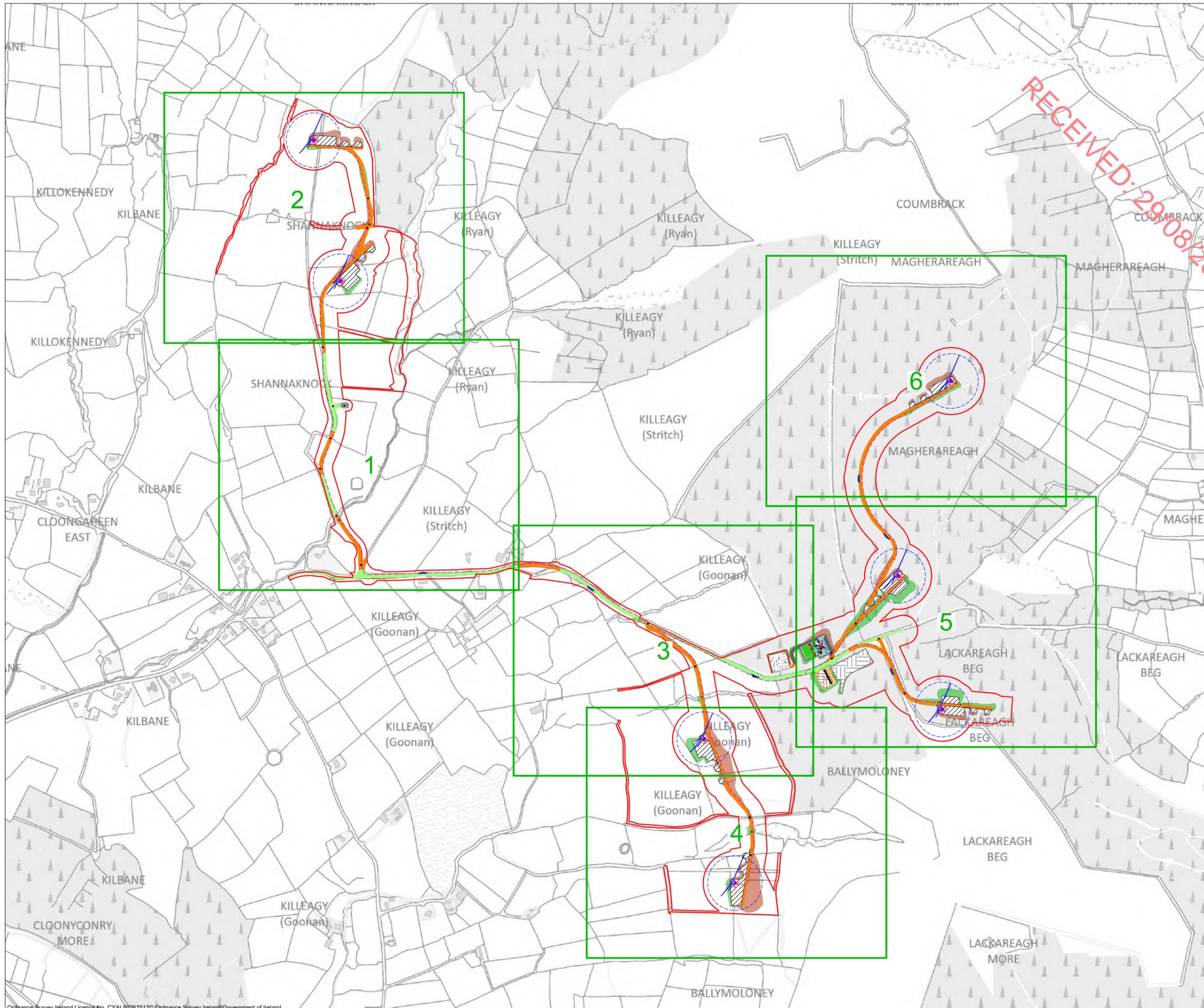
DRAWING TITLE: **Site Location Map Sheet B**

PROJECT No.: 220245	DRAWING No.: 220245 - 02B	SCALE: 1:2,500 @ A3
DRAWN BY: JOB	CHECKED BY: CJ	DATE: 20.08.2024
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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 Passing Bay
 - Proposed Electrical Cable Trench
 - Proposed Hardstand
 - Proposed Turbine Foundation
 - Proposed Turbine Sweep Area
 - Proposed Borrow Pit
 - Proposed Storage Area
 - Proposed Berm
 - Cut
 - Fill

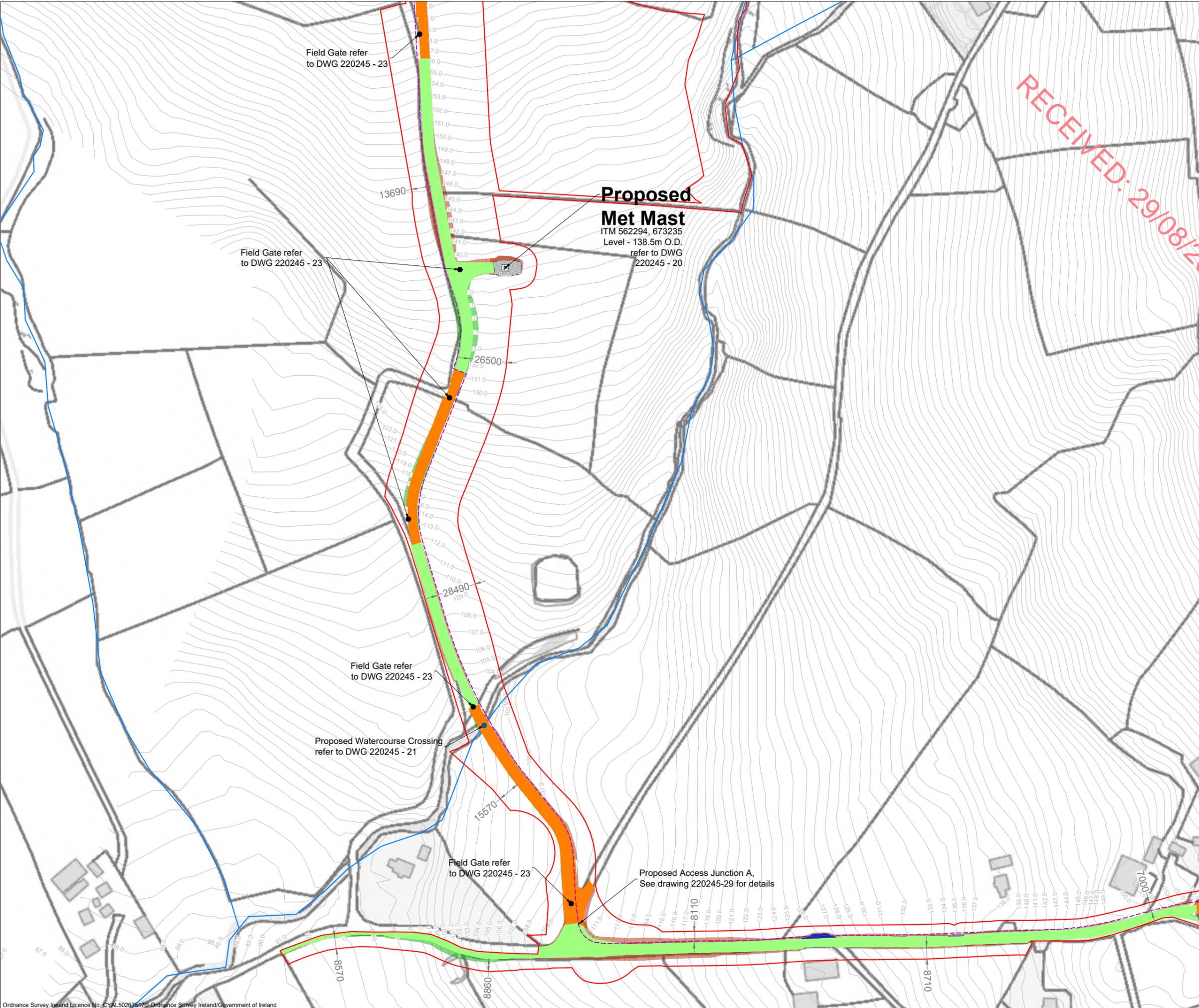
Note:
Please refer to individual layout plans for land contour details

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PROJECT TITLE: Lackareagh Wind Farm, Co. Clare		
DRAWING TITLE: Site Layout Key Plan		
PROJECT No.: 220245	DRAWING No.: 220245 - 03	SCALE: 1:10,000 @ A3
DRAWN BY: JOB	CHECKED BY: CJ	DATE: 20.08.2024
OS SHEET No.:		REVISION: D01
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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 Passing Bay
 - - - Proposed Electrical Cable Trench
 - River/Stream
 - Cut
 - Fill

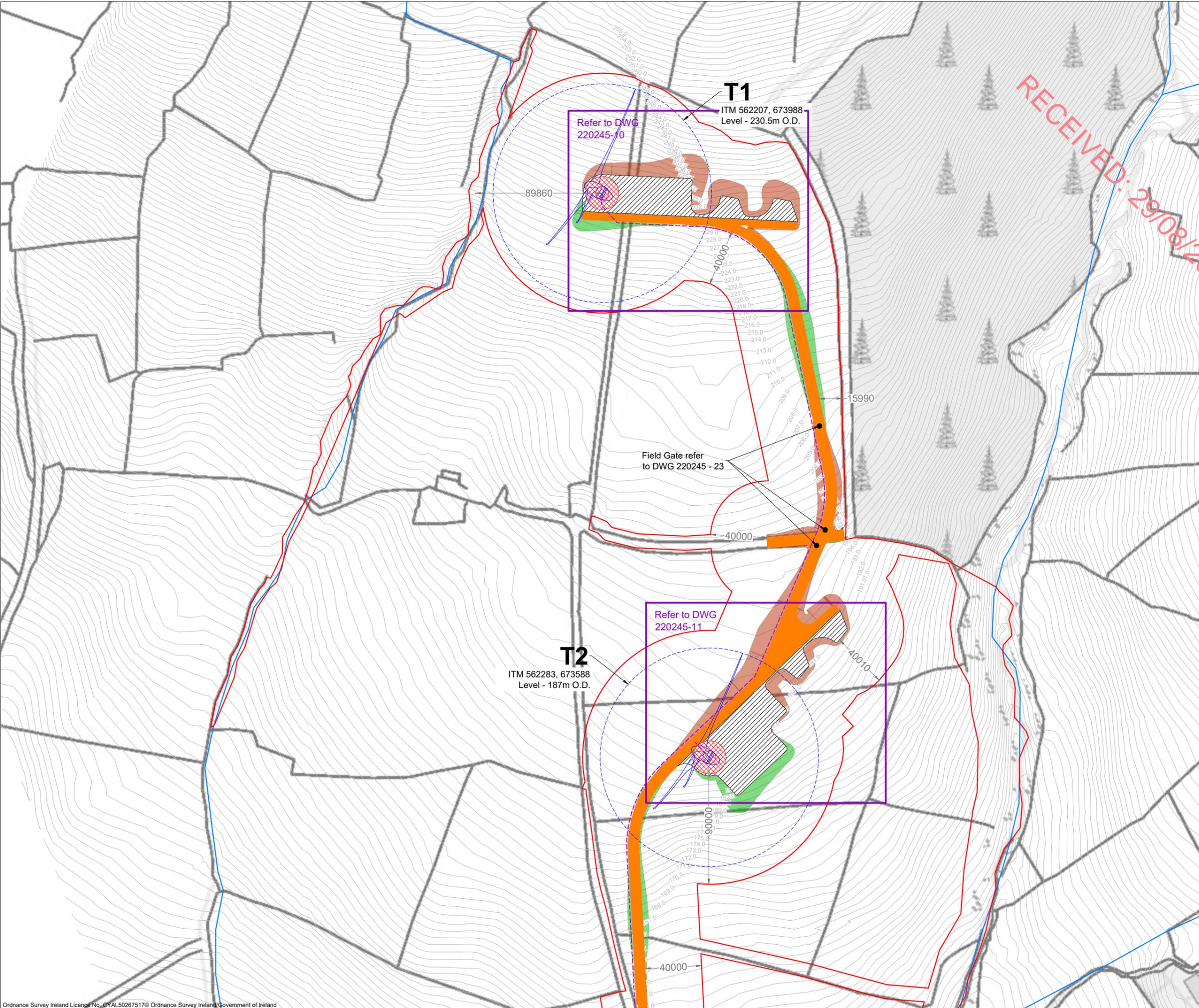
Note:
Refer to drawing pack prepared by HES for details on proposed drainage



PROJECT TITLE: Lackareagh Wind Farm, Co. Clare		
DRAWING TITLE: Site Layout Plan Sheet 1 of 6		
PROJECT No.: 220245	DRAWING No.: 220245 - 04	SCALE: 1:2,500 @ A3
DRAWN BY: JOB	CHECKED BY: CJ	DATE: 20.08.2024
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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 Electrical Cable Trench
 - River/Stream
 - ▨ Proposed Hardstand
 - Proposed Turbine Foundation
 - Proposed Turbine Sweep Area
 - Cut
 - Fill

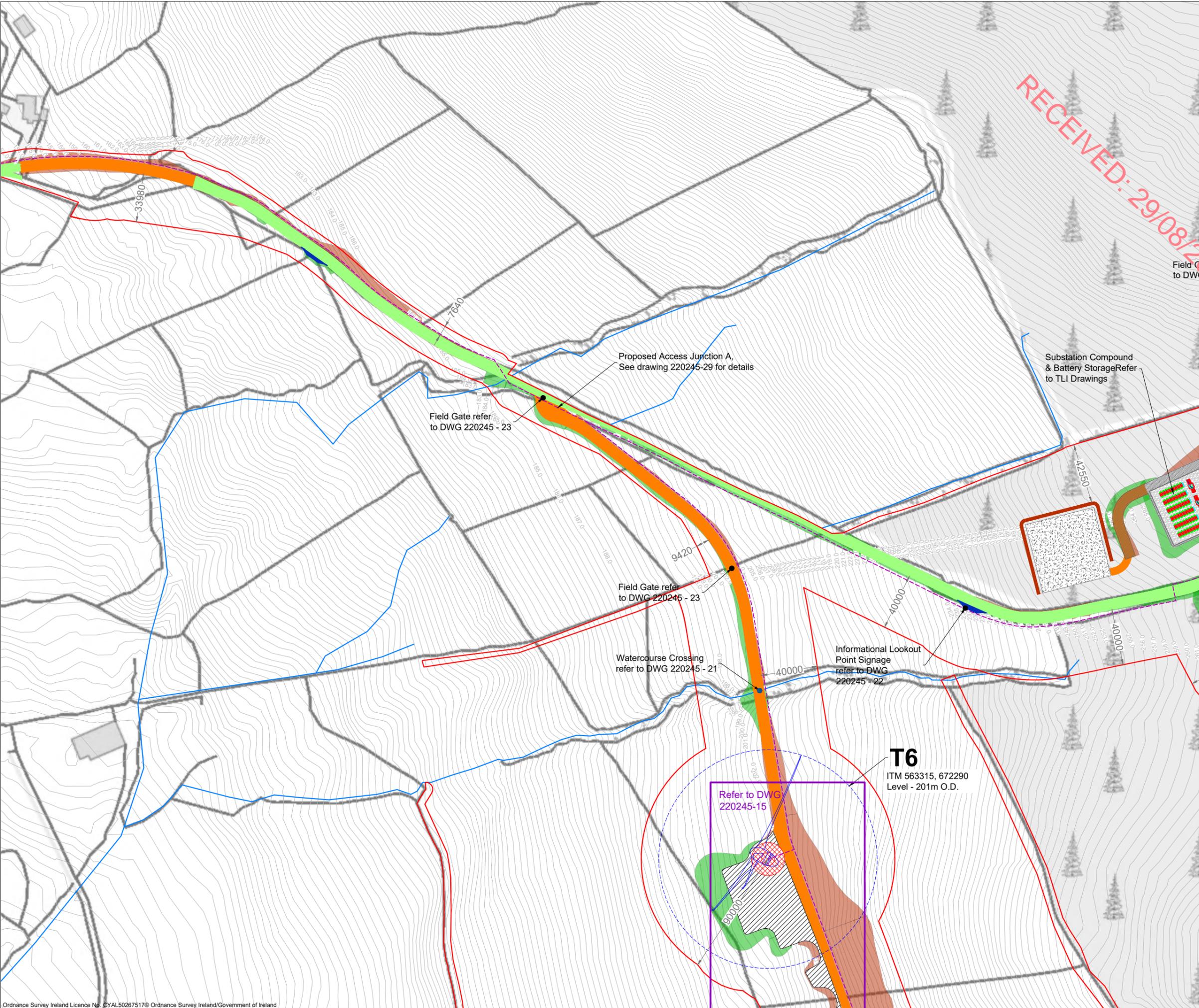
Note:
Refer to drawing pack prepared by HES for details on proposed drainage



PROJECT TITLE: Lackareagh Wind Farm, Co. Clare		
DRAWING TITLE: Site Layout Plan Sheet 2 of 6		
PROJECT No.: 220245	DRAWING No.: 220245 - 05	SCALE: 1:2,500 @ A3
DRAWN BY: JOB	CHECKED BY: CJ	DATE: 20.08.2024
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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 Passing Bay
- - - Proposed Electrical Cable Trench
- River/Stream
- Proposed Hardstand
- Proposed Turbine Foundation
- Proposed Turbine Sweep Area
- Proposed Borrow Pit
- Proposed Berm
- Cut
- Fill

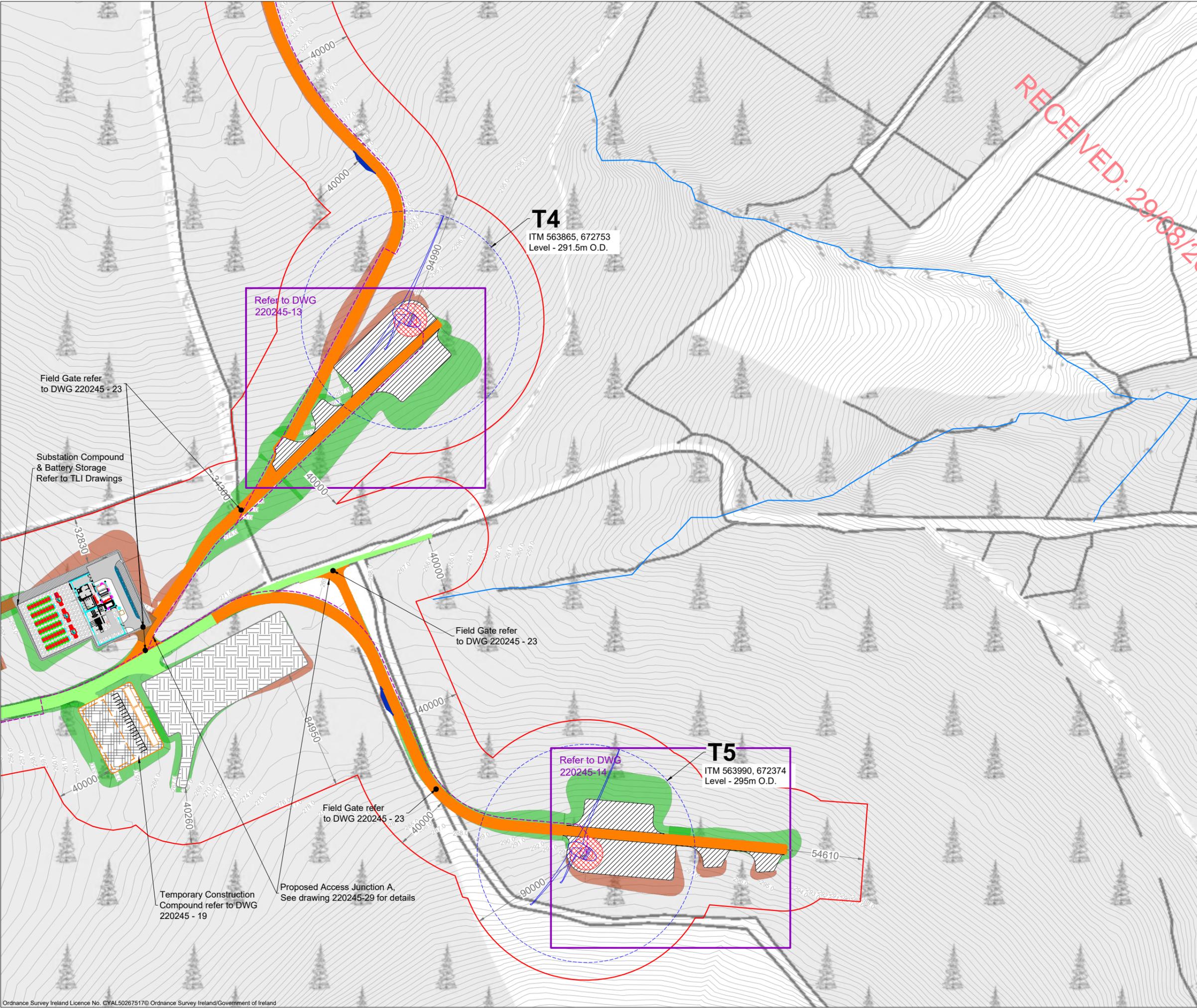
Note:
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PROJECT TITLE: Lackareagh Wind Farm, Co. Clare		
DRAWING TITLE: Site Layout Plan Sheet 3 of 6		
PROJECT No.: 220245	DRAWING No.: 220245 - 06	SCALE: 1:2,500 @ A3
DRAWN BY: JOB	CHECKED BY: CJ	DATE: 20.08.2024
OS SHEET No.:		REVISION: D01
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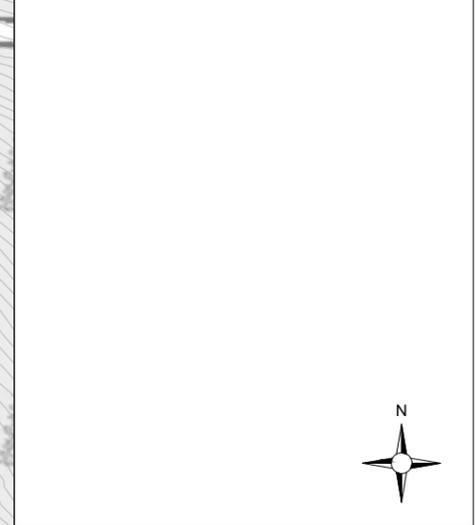
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 7. Layout plans show typical Turbine rotor diameter as per turbine drawing.
 8. Final levels may vary depending on local ground conditions.

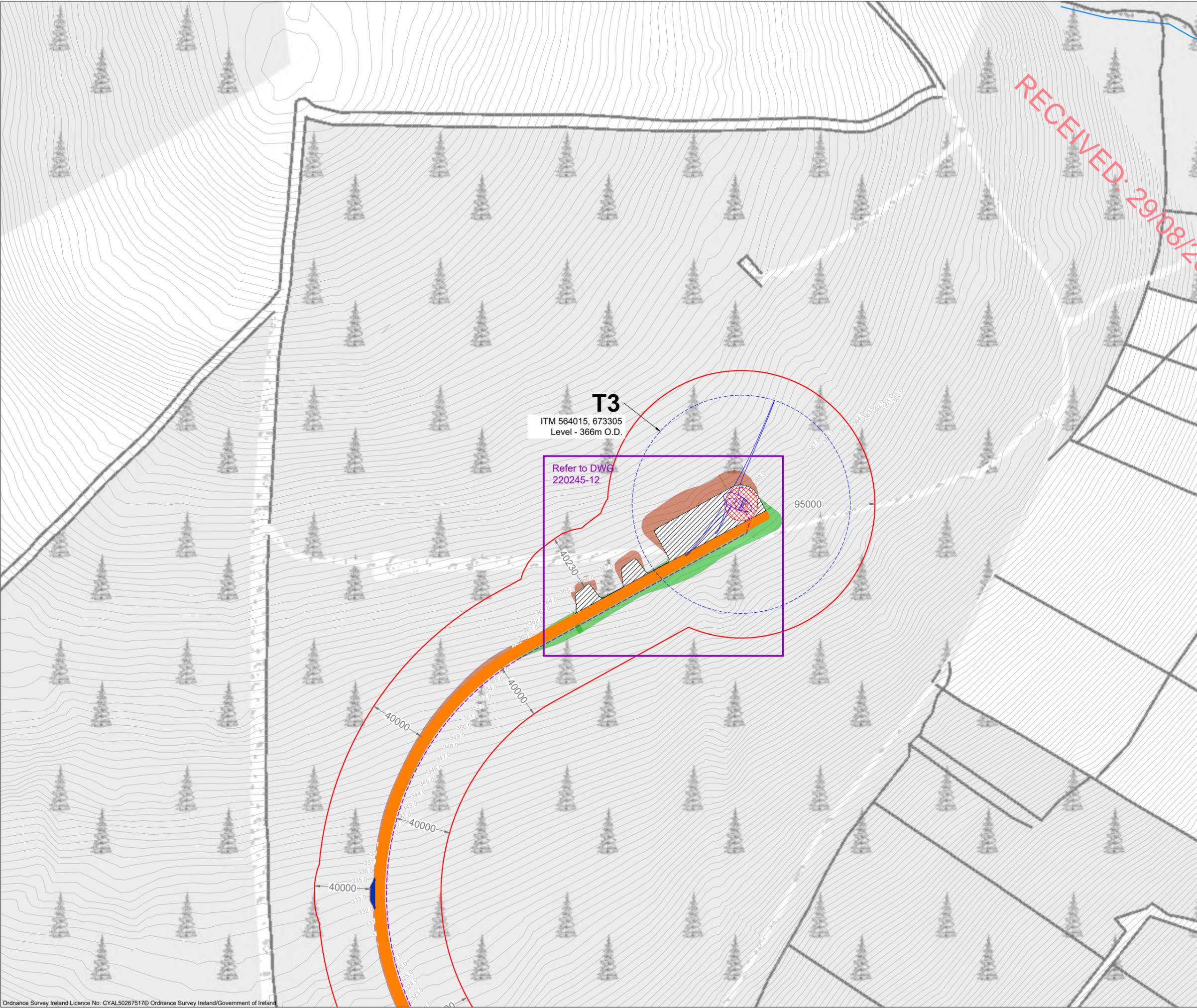
- Drawing Legend**
- Planning Application Boundary
 - Existing Road to be Upgraded
 - Proposed Road
 - Proposed Passing Bay
 - Proposed Electrical Cable Trench
 - River/Stream
 - ▨ Proposed Hardstand
 - Proposed Turbine Foundation
 - Proposed Turbine Sweep Area
 - ▨ Proposed Storage Area
 - Cut
 - Fill

Note:
Refer to drawing pack prepared by HES for details on proposed drainage



PROJECT TITLE: Lackareagh Wind Farm, Co. Clare		
DRAWING TITLE: Site Layout Plan Sheet 5 of 6		
PROJECT No.: 220245	DRAWING No.: 220245 - 08	SCALE: 1:2,500 @ A3
DRAWN BY: JOB	CHECKED BY: CJ	DATE: 20.08.2024
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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 Passing Bay
 - - - Proposed Electrical Cable Trench
 - River/Stream
 - Proposed Hardstand
 - Proposed Turbine Foundation
 - Proposed Turbine Sweep Area
 - Cut
 - Fill

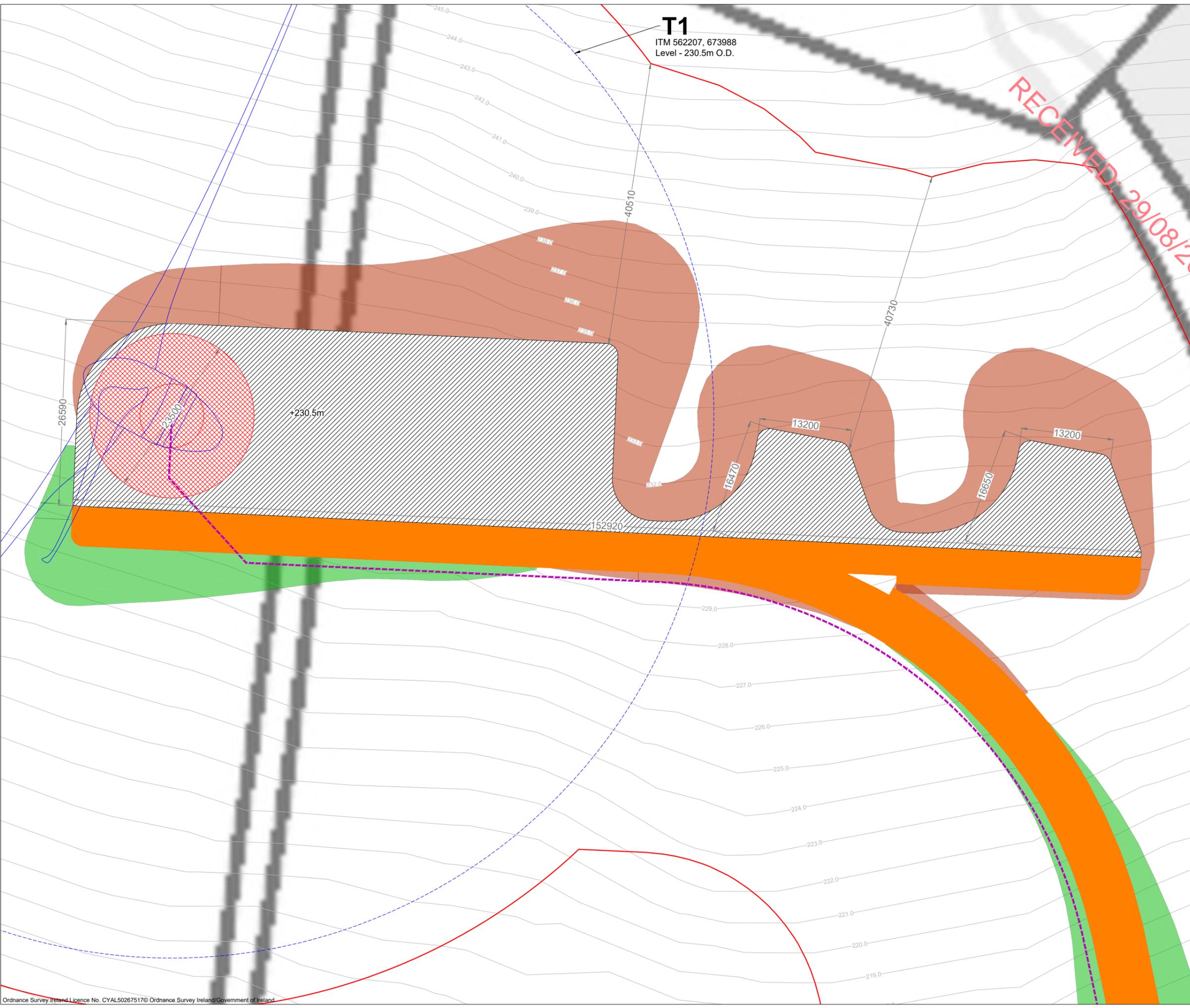
Note:
Refer to drawing pack prepared by HES for details on proposed drainage



PROJECT TITLE: Lackareagh Wind Farm, Co. Clare		
DRAWING TITLE: Site Layout Plan Sheet 6 of 6		
PROJECT No.: 220245	DRAWING No.: 220245 - 09	SCALE: 1:2,500 @ A3
DRAWN BY: JOB	CHECKED BY: CJ	DATE: 20.08.2024
OS SHEET No.:		4387, 4388, 4445, 4446
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 8. Final levels may vary depending on local ground conditions.

- Drawing Legend**
- Planning Application Boundary
 - Proposed Road
 - Proposed Electrical Cable Trench
 - Proposed Hardstand
 - Proposed Turbine Foundation
 - Proposed Turbine Sweep Area
 - Cut
 - Fill

Note:
 Refer to drawing 220245 – 17 for turbine dimensions



PROJECT TITLE:
**Lackareagh Wind Farm,
 Co. Clare**

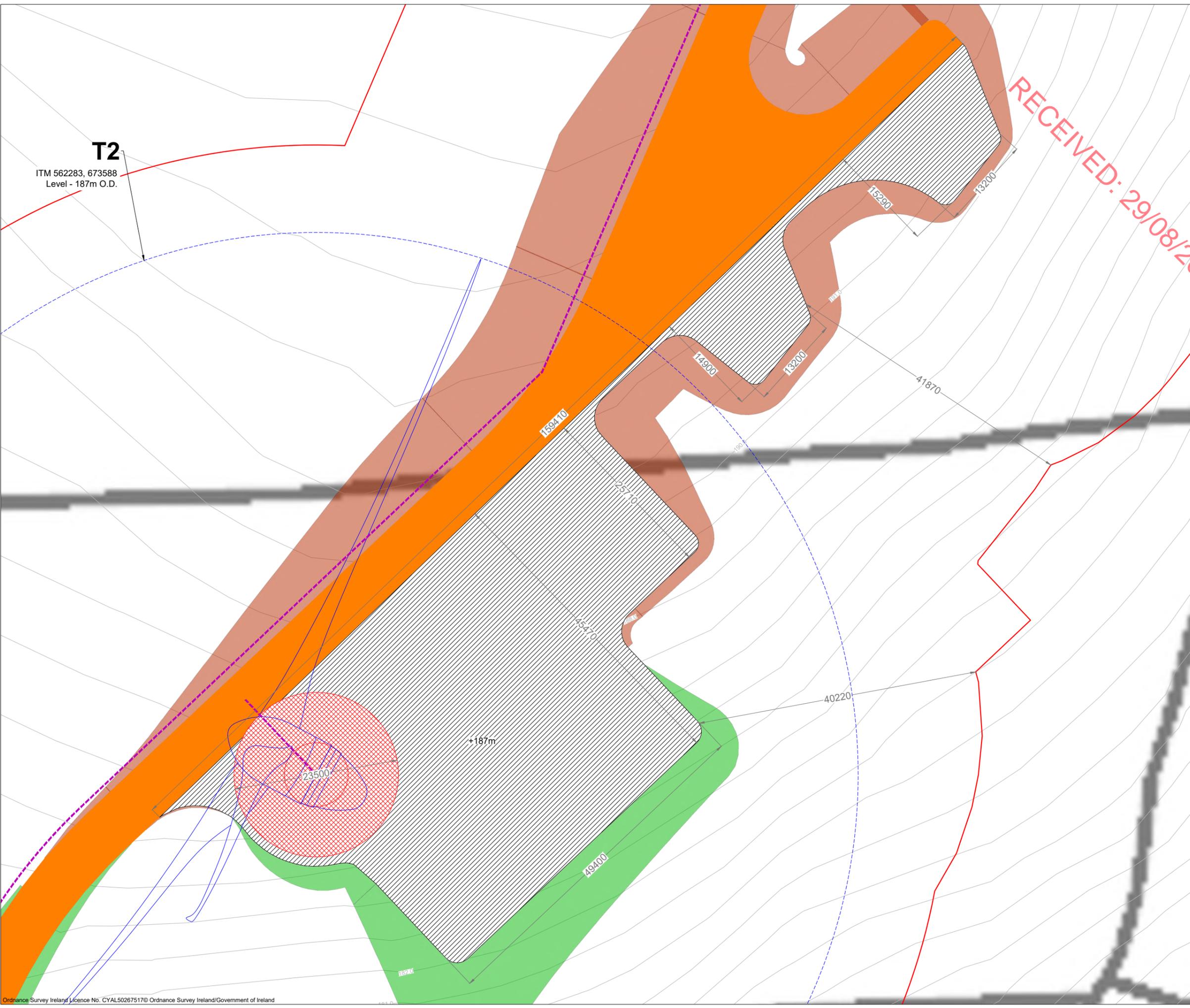
DRAWING TITLE:
Turbine 1 Layout

PROJECT No.: 220245	DRAWING No.: 220245 - 10	SCALE: 1:500 @ A3
DRAWN BY: JOB	CHECKED BY: CJ	DATE: 20.08.2024
		REVISION: D01

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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 Electrical Cable Trench
 - ▨ Proposed Hardstand
 - Proposed Turbine Foundation
 - Proposed Turbine Sweep Area
 - Cut
 - Fill

Note:
Refer to drawing 220245 – 17 for turbine dimensions



PROJECT TITLE:
**Lackareagh Wind Farm,
Co. Clare**

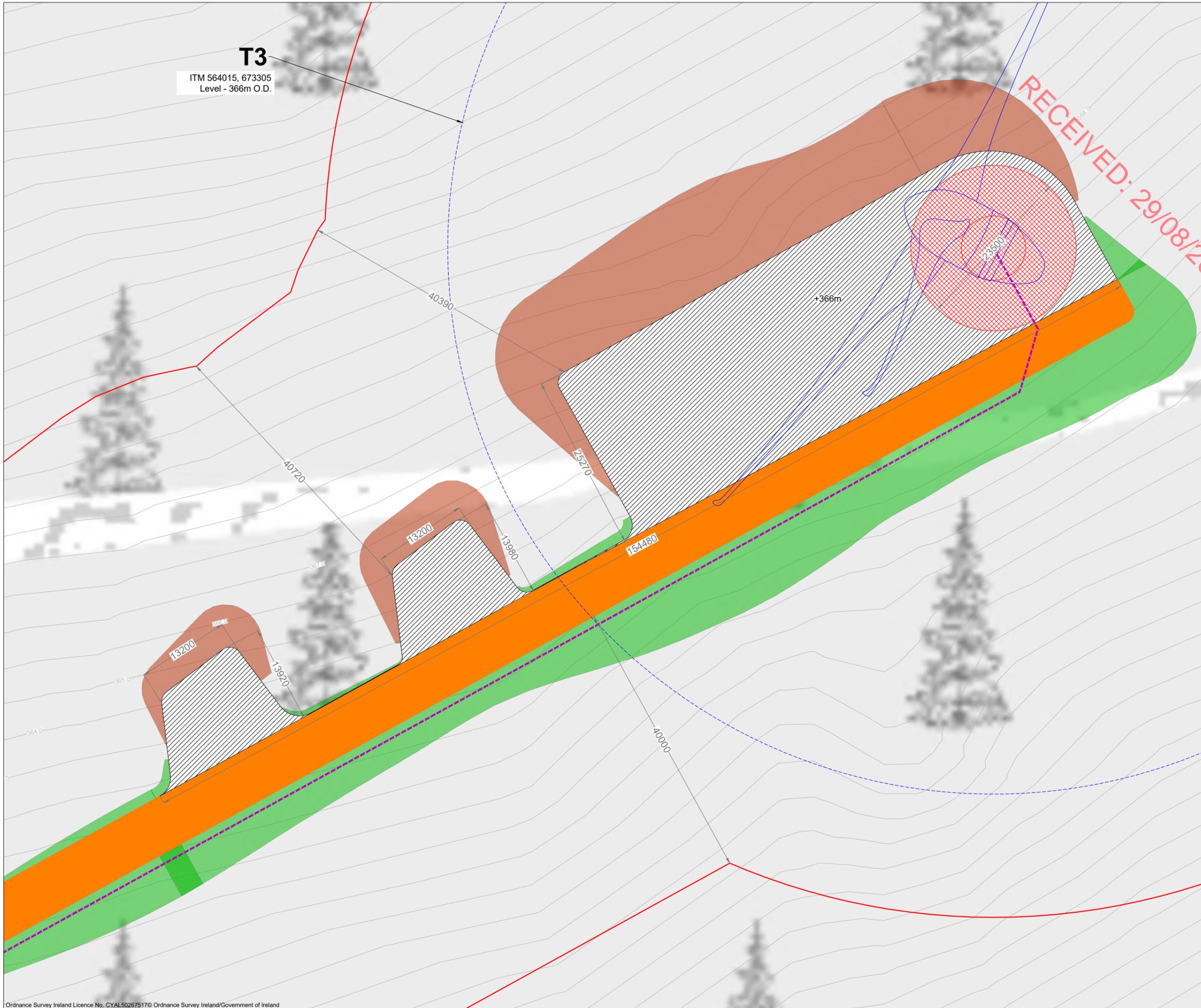
DRAWING TITLE:
Turbine 2 Layout

PROJECT No.: 220245	DRAWING No.: 220245 - 11	SCALE: 1:500 @ A3
DRAWN BY: JOB	CHECKED BY: CJ	DATE: 20.08.2024
		REVISION: D01

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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 Electrical Cable Trench
	Proposed Hardstand
	Proposed Turbine Foundation
	Proposed Turbine Sweep Area
	Cut
	Fill

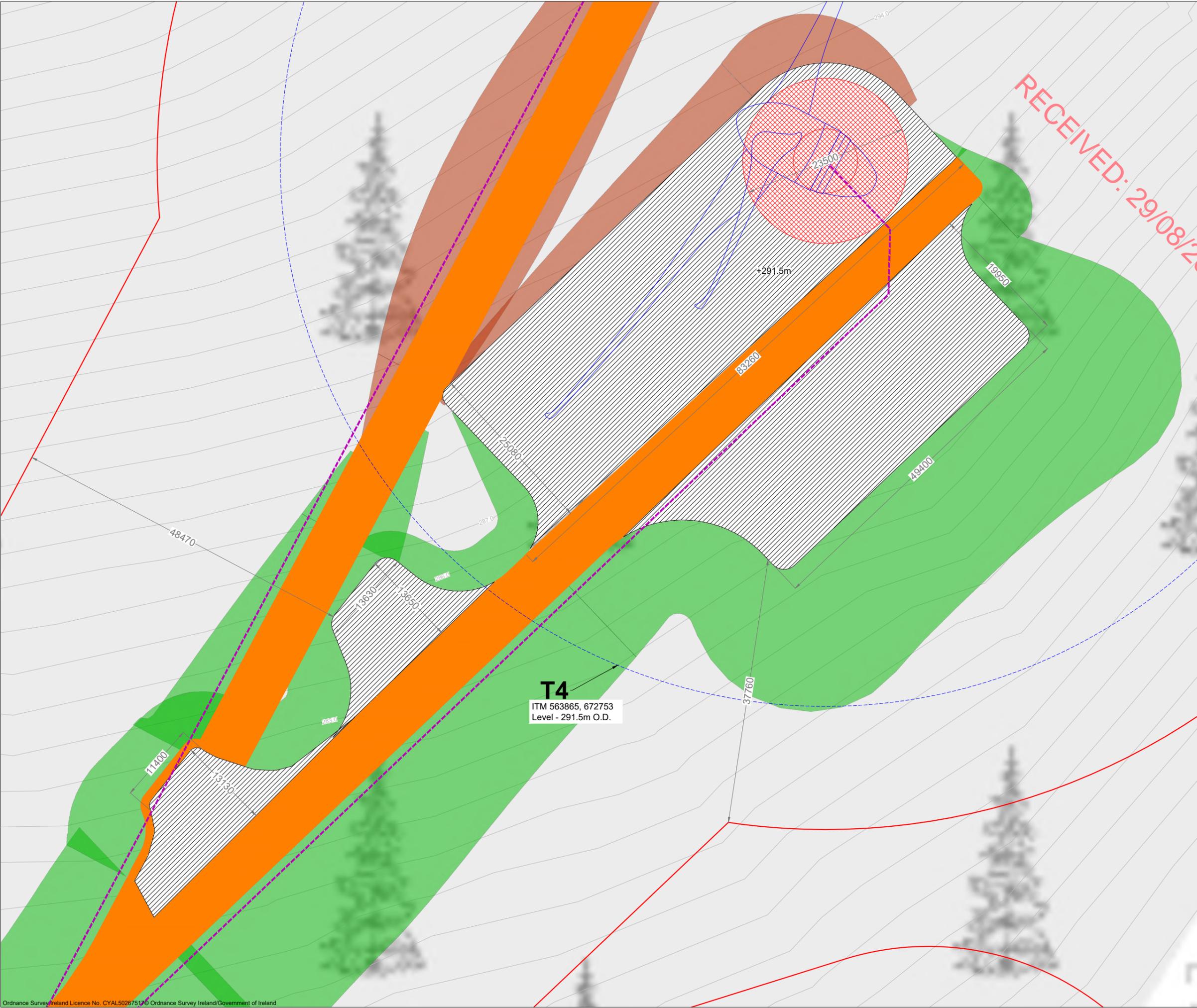
Note:
Refer to drawing 220245 – 17 for turbine dimensions



PROJECT TITLE: Lackareagh Wind Farm, Co. Clare		
DRAWING TITLE: Turbine 3 Layout		
PROJECT No.: 220245	DRAWING No.: 220245 - 12	SCALE: 1:500 @ A3
DRAWN BY: JOB	CHECKED BY: CJ	DATE: 20.08.2024
		REVISION: D01
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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 Electrical Cable Trench
	Proposed Hardstand
	Proposed Turbine Foundation
	Proposed Turbine Sweep Area
	Cut
	Fill

Note:
Refer to drawing 220245 – 17 for turbine dimensions

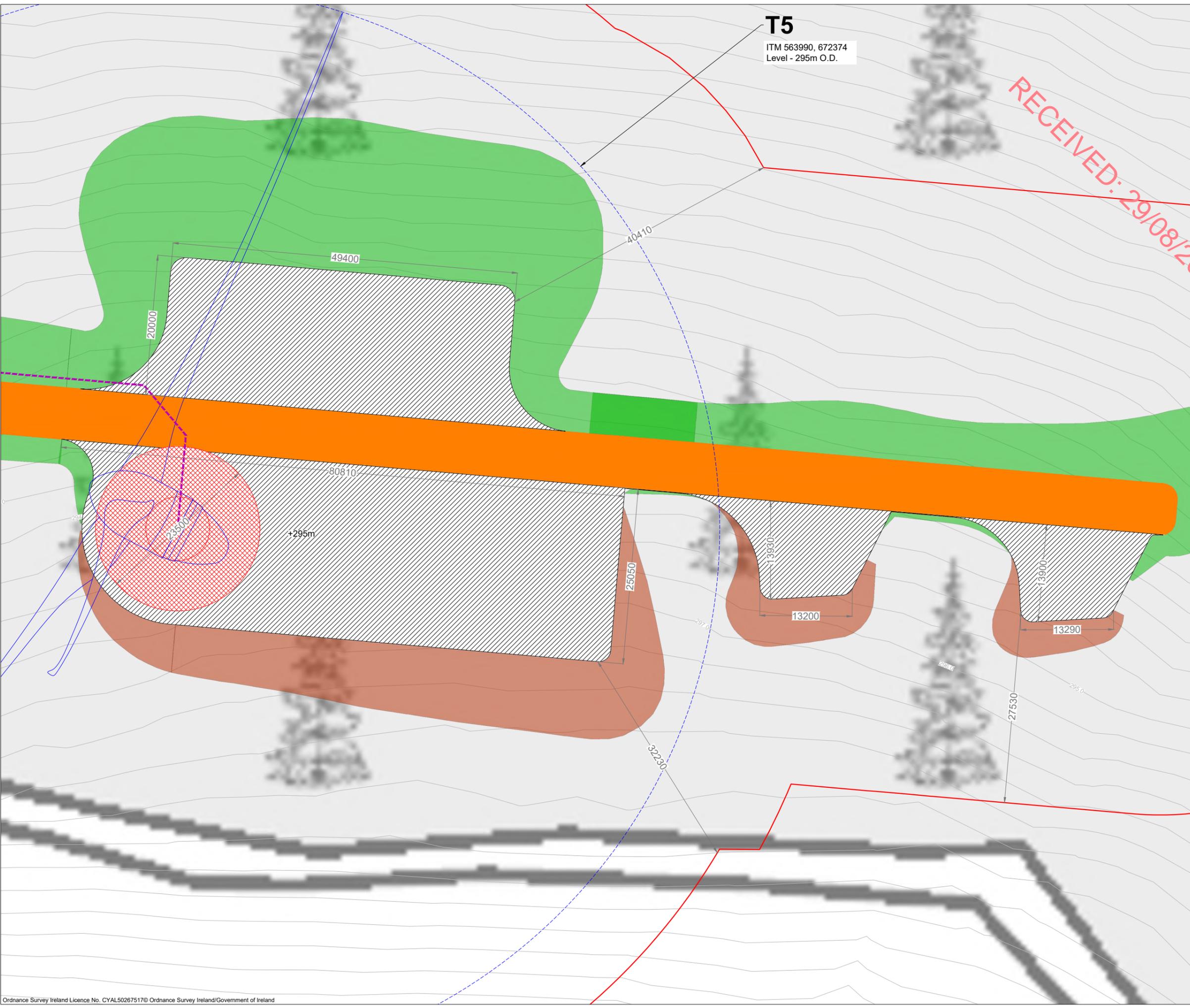
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PROJECT TITLE: Lackareagh Wind Farm, Co. Clare		
DRAWING TITLE: Turbine 4 Layout		
PROJECT No.: 220245	DRAWING No.: 220245 - 13	SCALE: 1:500 @ A3
DRAWN BY: JOB	CHECKED BY: CJ	DATE: 20.08.2024
		REVISION: D01
OS SHEET No.: 4387, 4388, 4445, 4446		



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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 Electrical Cable Trench
 - ▨ Proposed Hardstand
 - Proposed Turbine Foundation
 - ⊙ Proposed Turbine Sweep Area
 - Cut
 - Fill

Note:
 Refer to drawing 220245 – 17 for turbine dimensions



PROJECT TITLE: Lackareagh Wind Farm, Co. Clare		
DRAWING TITLE: Turbine 5 Layout		
PROJECT No.: 220245	DRAWING No.: 220245 - 14	SCALE: 1:500 @ A3
DRAWN BY: JOB	CHECKED BY: CJ	DATE: 20.08.2024
		REVISION:. D01
OS SHEET No.: 4387, 4388, 4445,4446		



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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 Electrical Cable Trench
- Proposed Hardstand
- Proposed Turbine Foundation
- Proposed Turbine Sweep Area
- Cut
- Fill

Note:
Refer to drawing 220245 – 17 for turbine dimensions

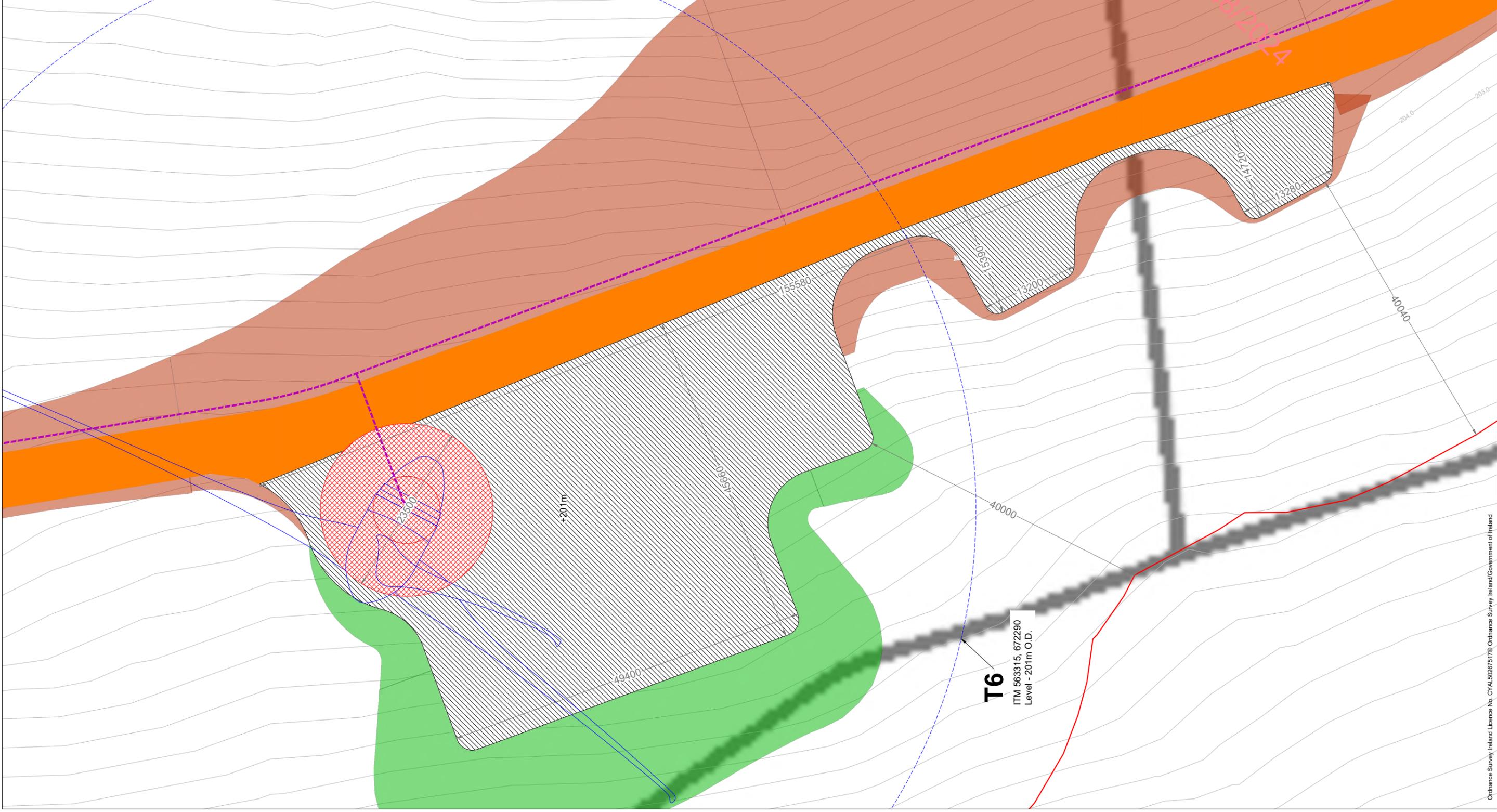


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PROJECT TITLE:
**Lackareagh Wind Farm,
Co. Clare**

DRAWING TITLE:
Turbine 6 Layout

PROJECT No.:	DRAWING No.:	SCALE:
220245	220245 - 15	1:500 @ A3
DRAWN BY: JOB	CHECKED DATE:	REVISION:
	20.08.2024	D01
OS SHEET No.:	4387, 4388, 4445, 4446	

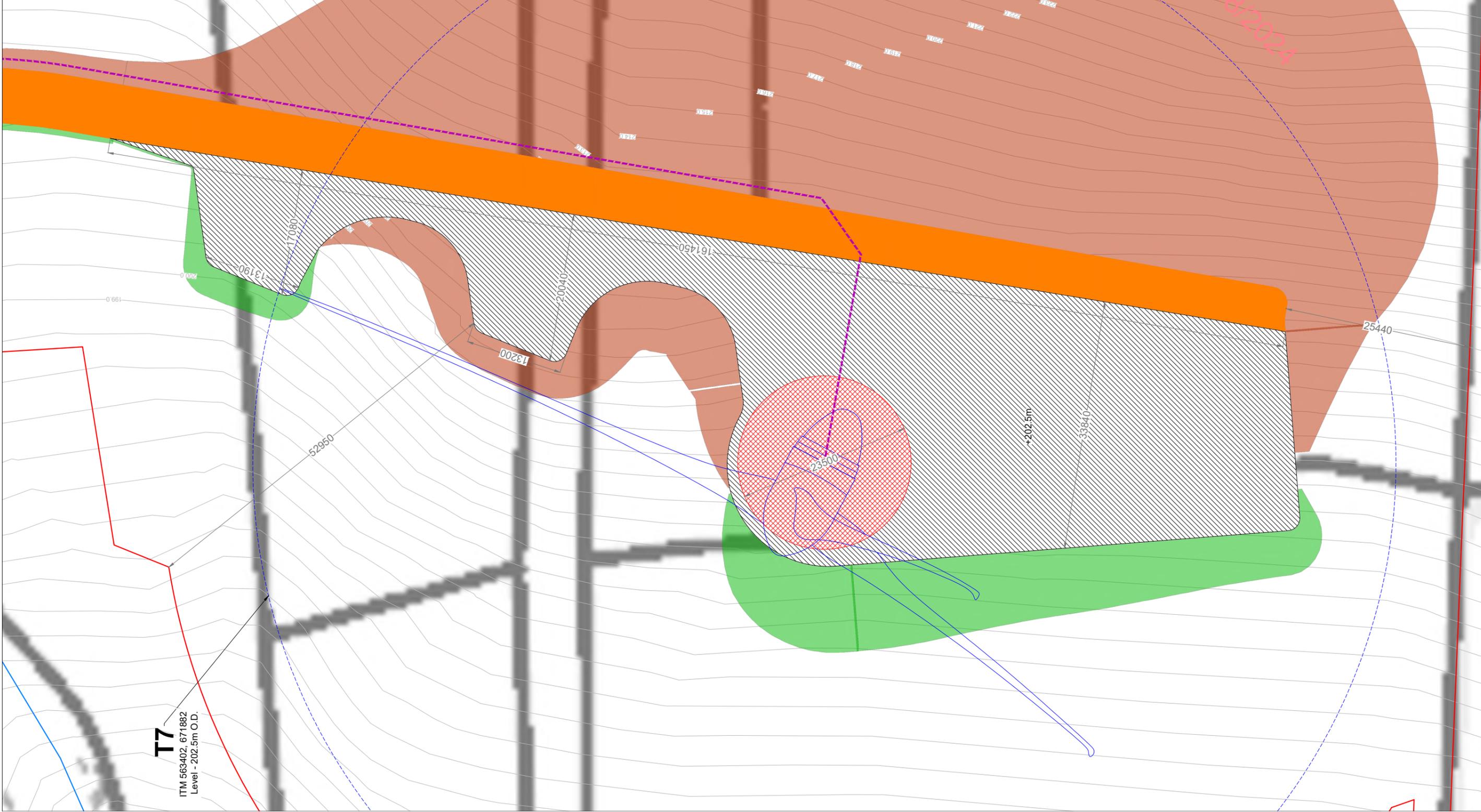


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7. Layout plans show typical Turbine rotor diameter as per turbine drawing.
8. Final levels may vary depending on local ground conditions.

T7

ITM 563402, 671882
Level - 202.5m O.D.



Drawing Legend

- Planning Application Boundary
- Proposed Road
- Proposed Electrical Cable Trench
- River/Stream
- Proposed Hardstand
- Proposed Turbine Foundation
- Proposed Turbine Sweep Area
- Cut
- Fill

Note:

Refer to drawing 220245 – 17 for turbine dimensions



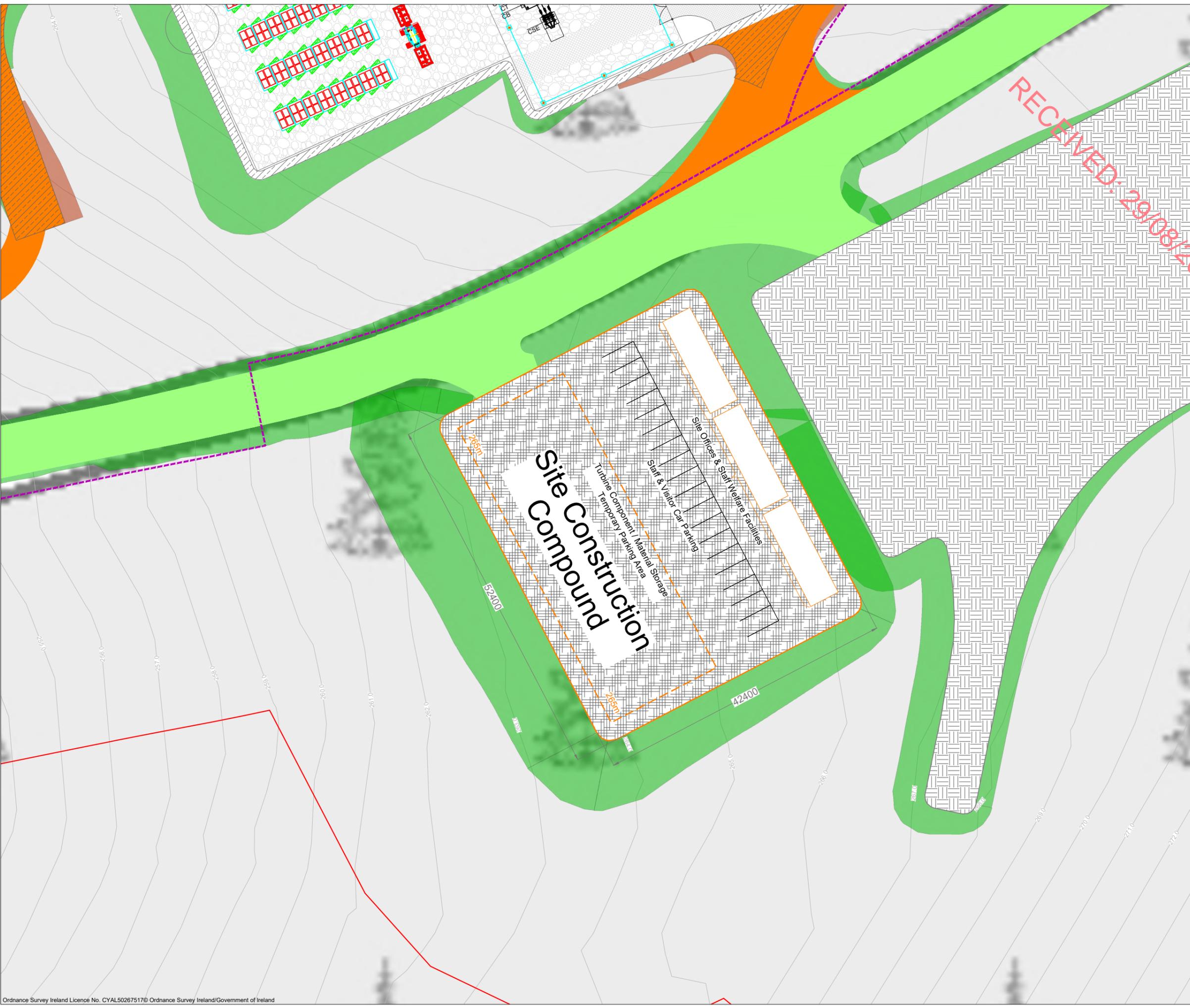
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PROJECT TITLE: **Lackareagh Wind Farm,
Co. Clare**

Turbine 7 Layout

PROJECT No.:	DRAWING No.:	SCALE:
220245	220245 - 16	1:500 @ A3
DRAWN BY: JOB	CHECKED BY: CJ	DATE: 20.08.2024
OS SHEET No.:	4387, 4388, 4445, 4446	

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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 Electrical Cable Trench
 - Proposed Storage Area

Note:
 Refer to drawing 220245-25 Site Offices and Staff Facilities Detail' drawing for further details

PROJECT TITLE:
**Lackareagh Wind Farm,
 Co. Clare**

DRAWING TITLE:
**Temporary Construction
 Compound**

PROJECT No.: 220245	DRAWING No.: 220245 - 19	SCALE: 1:500 @ A3
DRAWN BY: JOB	CHECKED BY: CJ	DATE: 20.08.2024
		REVISION: D01

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 Electrical Cable Trench

PROJECT TITLE:
**Lackareagh Wind Farm,
Co. Clare**

DRAWING TITLE:
Storage Area

PROJECT No.: 220245	DRAWING No.: 220245 - 27	SCALE: 1:500 @ A3
DRAWN BY: JOB	CHECKED BY: CJ	DATE: 20.08.2024
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