# Schedule of Drawings

| MKO | | |
|---|---|---|
| Drawing No. | Drawing Title | Scale |
| 240740 - 01 | Location Context Map | 1:50,000 @ A3 |
| 240740 - 02 | Site Location Key Map | 1:15,000 @ A1 |
| 240740 - 02.1 | Site Location Map Sheet 1 of 14 | 1:2,500 @ A1 |
| 240740 - 02.2 | Site Location Map Sheet 2 of 14 | 1:2,500 @ A1 |
| 240740 - 02.3 | Site Location Map Sheet 3 of 14 | 1:2,500 @ A1 |
| 240740 - 02.4 | Site Location Map Sheet 4 of 14 | 1:2,500 @ A1 |
| 240740 - 02.5 | Site Location Map Sheet 5 of 14 | 1:2,500 @ A1 |
| 240740 - 02.6 | Site Location Map Sheet 6 of 14 | 1:2,500 @ A1 |
| 240740 - 02.7 | Site Location Map Sheet 7 of 14 | 1:2,500 @ A1 |
| 240740 - 02.8 | Site Location Map Sheet 8 of 14 | 1:2,500 @ A1 |
| 240740 - 02.9 | Site Location Map Sheet 9 of 14 | 1:2,500 @ A1 |
| 240740 - 02.10 | Site Location Map Sheet 10 of 14 | 1:2,500 @ A1 |
| 240740 - 02.11 | Site Location Map Sheet 11 of 14 | 1:2,500 @ A1 |
| 240740 - 02.12 | Site Location Map Sheet 12 of 14 | 1:2,500 @ A1 |
| 240740 - 02.13 | Site Location Map Sheet 13 of 14 | 1:2,500 @ A1 |
| 240740 - 02.14 | Site Location Map Sheet 14 of 14 | 1:2,500 @ A1 |
| 240740 - 03 | Site Layout Key Plan (1:5,000) | 1:15,000 @ A1 |
| 240740 - 03.1 | Site Layout Plan Sheet 1 of 5 | 1:5,000 @ A1 |
| 240740 - 03.2 | Site Layout Plan Sheet 2 of 5 | 1:5,000 @ A1 |
| 240740 - 03.3 | Site Layout Plan Sheet 3 of 5 | 1:5,000 @ A1 |
| 240740 - 03.4 | Site Layout Plan Sheet 4 of 5 | 1:5,000 @ A1 |
| 240740 - 03.5 | Site Layout Plan Sheet 5 of 5 | 1:5,000 @ A1 |
| 240740 - 04 | Site Layout Key Plan (1:2,500) | 1:15,000 @ A1 |
| 240740 - 04.1 | Site Layout Plan Sheet 1 of 14 | 1:2,500 @ A1 |
| 240740 - 04.2 | Site Layout Plan Sheet 2 of 14 | 1:2,500 @ A1 |
| 240740 - 04.3 | Site Layout Plan Sheet 3 of 14 | 1:2,500 @ A1 |
| 240740 - 04.4 | Site Layout Plan Sheet 4 of 14 | 1:2,500 @ A1 |
| 240740 - 04.5 | Site Layout Plan Sheet 5 of 14 | 1:2,500 @ A1 |
| 240740 - 04.6 | Site Layout Plan Sheet 6 of 14 | 1:2,500 @ A1 |
| 240740 - 04.7 | Site Layout Plan Sheet 7 of 14 | 1:2,500 @ A1 |
| 240740 - 04.8 | Site Layout Plan Sheet 8 of 14 | 1:2,500 @ A1 |
| 240740 - 04.9 | Site Layout Plan Sheet 9 of 14 | 1:2,500 @ A1 |
| 240740 - 04.10 | Site Layout Plan Sheet 10 of 14 | 1:2,500 @ A1 |
| 240740 - 04.11 | Site Layout Plan Sheet 11 of 14 | 1:2,500 @ A1 |
| 240740 - 04.12 | Site Layout Plan Sheet 12 of 14 | 1:2,500 @ A1 |
| 240740 - 04.13 | Site Layout Plan Sheet 13 of 14 | 1:2,500 @ A1 |
| 240740 - 04.14 | Site Layout Plan Sheet 14 of 14 | 1:2,500 @ A1 |
| 240740 - 05 | Turbine 1 Layout | 1:500 @ A2 |
| 240740 - 06 | Turbine 2 Layout | 1:500 @ A2 |

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|---|---|---|
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| 240740 - 09 | Turbine 5 Layout | 1:500 @ A2 |
| 240740 - 10 | Turbine 6 Layout | 1:500 @ A2 |
| 240740 - 11 | Turbine 7 Layout | 1:500 @ A2 |
| 240740 - 12 | Turbine 8 Layout | 1:500 @ A2 |
| 240740 - 13 | Turbine 9 Layout | 1:500 @ A2 |
| 240740 - 14 | Turbine 10 Layout | 1:500 @ A2 |
| 240740 - 15 | Turbine 11 Layout | 1:500 @ A2 |
| 240740 - 16 | Turbine 12 Layout | 1:500 @ A2 |
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| 240740 - 22 | Turbine 18 Layout | 1:500 @ A2 |
| 240740 - 23 | Turbine 19 Layout | 1:500 @ A2 |
| 240740 - 24 | Turbine 20 Layout | 1:500 @ A2 |
| 240740 - 25 | Turbine 21 Layout | 1:500 @ A2 |
| 240740 - 26 | Turbine 22 Layout | 1:500 @ A2 |
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| 240740 - 29 | Wind Turbine Elevation & Plan (185m Tip Height) | 1:500 @ A1 |
| 240740 - 30 | Wind Turbine Elevation & Plan (170m Tip Height) | 1:500 @ A1 |
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| 240740 - 32 | Bored Pile Foundations Details | As Shown @ A3 |
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| 240740 - 40 | Telecommunication Relay Mast Detail | As Shown @ A3 |
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| 240740 - 42.1 | 110kV Substation Elevations | 1:200 @ A1 |
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| 240740 - 42.4 | 110kV IPP Building | 1:100 @ A2 |
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| 240740 - 43.1 | 220kV Substation Elevations | 1:250 @ A1 |
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| 240740 - 43.3 | 220kV Eirgrid Building | 1:100 @ A1 |
| 240740 - 43.4 | 220kV Control Building | 1:100 @ A2 |

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|---|---|---|
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| 240740 - 45 | Borrow Pit 2 | 1:500 @ A2 |
| 240740 - 46 | Borrow Pit 3 | 1:500 @ A2 |
| 240740 - 47 | Borrow Pit 4 | 1:500 @ A2 |
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| 240740 - 50 | Field Gate Detail | 1: 20 @ A3 |
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| 240740 - 52 | Stock Fence Detail, Elevation & Indicative Images | 1: 20 @ A3 |
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| 240740 - 66 | 33kV Clear Span Crossing | As Shown @ A3 |
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| 240740 - 77.1 | Drainage Layout Sheet 1 of 10 | 1:2,500 @ A1 |
| 240740 - 77.2 | Drainage Layout Sheet 2 of 10 | 1:2,500 @ A1 |
| 240740 - 77.3 | Drainage Layout Sheet 3 of 10 | 1:2,500 @ A1 |
| 240740 - 77.4 | Drainage Layout Sheet 4 of 10 | 1:2,500 @ A1 |
| 240740 - 77.5 | Drainage Layout Sheet 5 of 10 | 1:2,500 @ A1 |
| 240740 - 77.6 | Drainage Layout Sheet 6 of 10 | 1:2,500 @ A1 |
| 240740 - 77.7 | Drainage Layout Sheet 7 of 10 | 1:2,500 @ A1 |
| 240740 - 77.8 | Drainage Layout Sheet 8 of 10 | 1:2,500 @ A1 |
| 240740 - 77.9 | Drainage Layout Sheet 9 of 10 | 1:2,500 @ A1 |
| 240740 - 77.10 | Drainage Layout Sheet 10 of 10 | 1:2,500 @ A1 |

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|---|---|---|
| 240740 - 78 | Drainage Details | As Shown @ A1 |
| 240740 - 78.1 | Drainage Details | As Shown @ A1 |
| 240740 - 79 | Felling Map | 1:10,000 @ A1 |
| 240740 - 80 | Access 1 Plan and Elevations | 1:500 @ A3 |
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| 240740 - 89 | Access 6.2 Plan and Elevations | As Shown @ A3 |
| 240740 - 90 | Access 8 Plan and Elevations | As Shown @ A3 |
| **SYSTRA** | | |
| **Drawing No.** | **Drawing Title** | **Scale** |
| IE01T26B10/2001/OP001 | Overview Plan | 1:30,000 @ A3 |
| IE01T26B10/2001/GL001 | Access 1 - General Arrangement | 1:500 @ A3 |
| IE01T26B10/2001/VS001 | Access 1 - Visibility Splays | 1:500 @ A3 |
| IE01T26B10/2001/SPA001 | Access 1 - Swept Path Analysis - V162 Blade - Nooteboom Super Wing Carrier | 1:500 @ A3 |
| IE01T26B10/2001/SPA002 | Access 1 - Swept Path Analysis - Maximum Legal Articulated Vehicle | 1:500 @ A3 |
| IE01T26B10/2001/GL002 | Access 2 - General Arrangement | 1:500 @ A3 |
| IE01T26B10/2001/VS002 | Access 2 - Visibility Splays | 1:500 @ A3 |
| IE01T26B10/2001/SPA003 | Access 2 - Swept Path Analysis - Maximum Legal Articulated Vehicle | 1:500 @ A3 |
| IE01T26B10/2001/GL003 | Access 3 - General Arrangement | 1:500 @ A3 |
| IE01T26B10/2001/VS003 | Access 3 - Visibility Splays | 1:500 @ A3 |
| IE01T26B10/2001/SPA004 | Access 3 - Swept Path Analysis - V162 Blade - Nooteboom Super Wing Carrier | 1:750 @ A3 |
| IE01T26B10/2001/SPA005 | Access 3 - Swept Path Analysis - Maximum Legal Articulated Vehicle | 1:500 @ A3 |
| IE01T26B10/2001/SPA006 | Access 3 - Swept Path Analysis - Concrete Mixer | 1:250 @ A3 |
| IE01T26B10/2001/GL004 | Access 4 - General Arrangement | 1:500 @ A3 |
| IE01T26B10/2001/VS004 | Access 4 - Visibility Splays | 1:500 @ A3 |
| IE01T26B10/2001/SPA007 | Access 4 - Swept Path Analysis - V162 Blade - Nooteboom Super Wing Carrier | 1:500 @ A3 |
| IE01T26B10/2001/SPA008 | Access 4 - Swept Path Analysis - Maximum Legal Articulated Vehicle | 1:500 @ A3 |
| IE01T26B10/2001/GL005 | Access 5 - General Arrangement | 1:500 @ A3 |
| IE01T26B10/2001/VS005 | Access 5 - Visibility Splays | 1:500 @ A3 |
| IE01T26B10/2001/SPA009 | Access 5 - Swept Path Analysis - V162 Blade - Nooteboom Super Wing Carrier | 1:750 @ A3 |
| IE01T26B10/2001/SPA010 | Access 5 - Swept Path Analysis - Maximum Legal Articulated Vehicle | 1:500 @ A3 |
| IE01T26B10/2001/GL006 | Access 6 - General Arrangement | 1:500 @ A3 |
| IE01T26B10/2001/VS006 | Access 6 - Visibility Splays | 1:500 @ A3 |
| IE01T26B10/2001/SPA011 | Access 6 - Swept Path Analysis - V162 Blade - Nooteboom Super Wing Carrier | 1.492169 @ A3 |
| IE01T26B10/2001/SPA012 | Access 6 - Swept Path Analysis - Maximum Legal Articulated Vehicle | 1:500 @ A3 |
| IE01T26B10/2001/GL007 | Access 7 - Substation Access (Permanent) - General Arrangement | 1:500 @ A3 |
| IE01T26B10/2001/VS007 | Access 7 - Substation Access (Permanent) - Visibility Splays | 1:1000 @ A3 |
| IE01T26B10/2001/SPA013 | Access 7 - Substation Access (Permanent) - Swept Path Analysis - Large Van | 1:500 @ A3 |

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|---|---|---|
| IE01T26B10/2001/GL008 | Access 8 - Substation Access - General Arrangement | 1:500 @ A3 |
| IE01T26B10/2001/VS008 | Access 8 - Substation Access - Visibility Splays | 1:500 @ A3 |
| IE01T26B10/2001/SPA014 | Access 8 - Substation Access - Swept Path Analysis - Maximum Legal Articulated Vehicle | 1:500 @ A3 |
| IE01T26B10/2001/SPA015 | Access 8 - Substation Access - Swept Path Analysis - Transformer Transporter Vehicle | 1:500 @ A3 |

Continued →

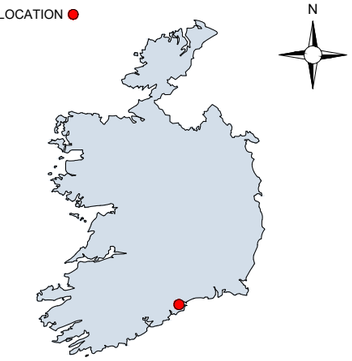
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## Drawing Legend

Planning Application Boundary

SITE LOCATION




SITE LOCATION - N.T.S

PROJECT TITLE:

**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:

**Location Context Map**

| PROJECT No.: | DRAWING No.: | SCALE: |
|---|---|---|
| 240740 | 240740 - 01 | 1:50,000 @ A3 |
| DRAWN BY: JOB / CHECKED BY: AC | DATE: 06.10.2026 | REVISION.: P01 |
| OS SHEET No.: | OS2008, OS2208 | |


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## Drawing Legend

- Planning Application Boundary
- Landowners Boundary
- Site Notice
- Wayleaves

14 13 12 10 11 1 2 3 6 7 5 4 9 8

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PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**Site Location Key Map**

| PROJECT No. | DRAWING No. | SCALE |
|---|---|---|
| 240740 | 240740 - 02 | 1:15,000 @ A1 |
| DRAWN BY: JOB | CHECKED BY: AC | DATE: 06.10.2026 | REVISION: P01 |

OS SHEET No.
6068, 6069, 6070, 6113, 6114, 6115, 6159, 6160, 6161, 6206, 6207, 6208

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Drawing Legend

- Planning Application Boundary
- Landowners Boundary
- Site Notice
- Wayleaves

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PROJECT TITLE: **Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE: **Site Location Map Sheet 1 of 14**

| PROJECT No. | DRAWING No. | SCALE |
|---|---|---|
| 240740 | 240740 - 02.1 | 1:2,500 @ A1 |

| DRAWN BY: | CHECKED BY: | DATE: | REVISION: |
|---|---|---|---|
| JOB | AC | 06.10.2026 | P01 |

OS SHEET No.: 6068, 6069, 6070, 6113, 6114, 6115, 6159, 6160, 6161, 6206, 6207, 6208

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Drawing Legend

- Planning Application Boundary
- Landowners Boundary
- Site Notice
- Wayleaves

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PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

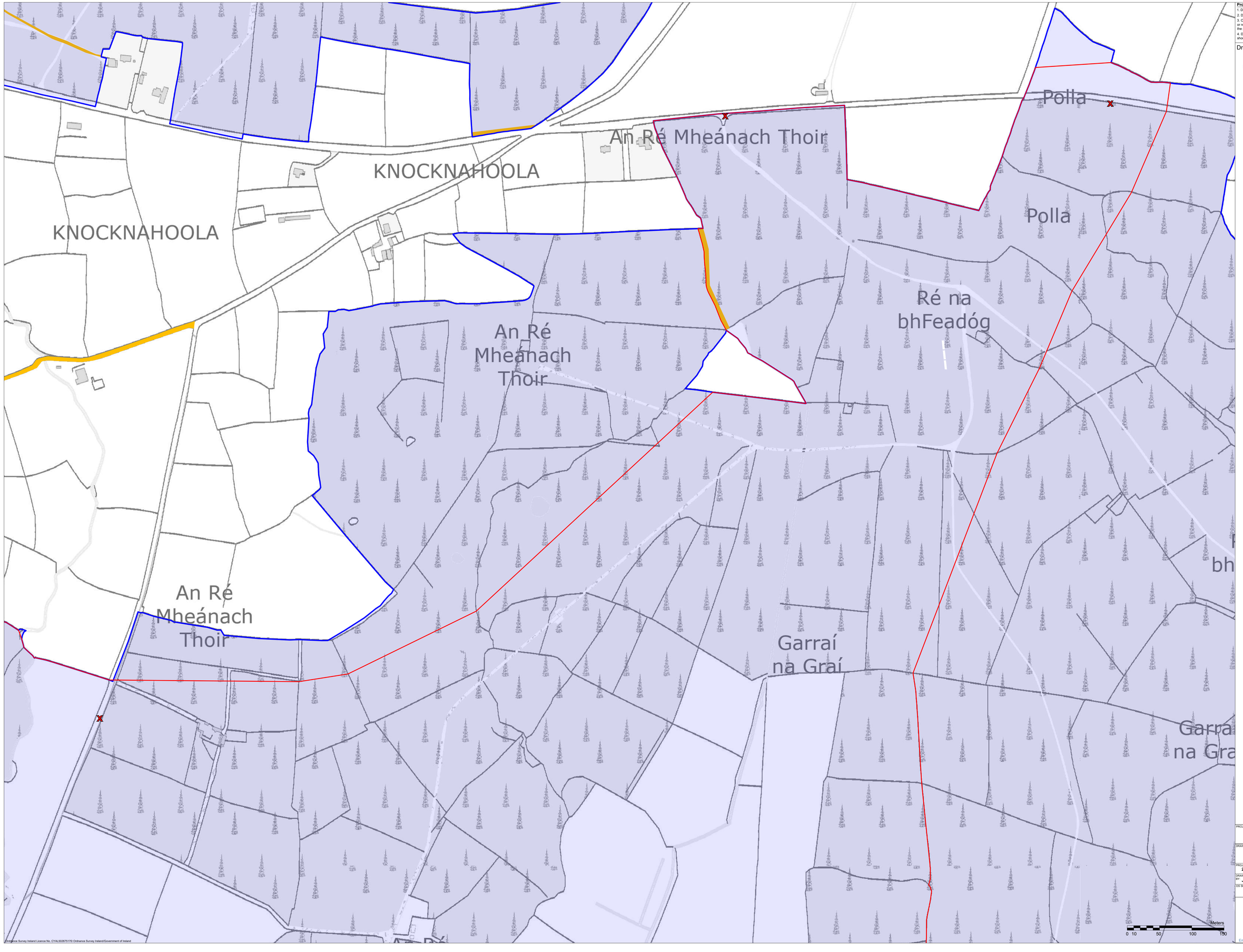
DRAWING TITLE:
**Site Location Map Sheet 2 of 14**

| PROJECT No. | DRAWING No. | SCALE |
|---|---|---|
| 240740 | 240740 - 02.2 | 1:2,500 @ A1 |

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Drawing Legend

- Planning Application Boundary
- Landowners Boundary
- Site Notice
- Wayleaves

N

PROJECT TITLE: Slievegrine Renewable Energy Development, Co. Waterford

DRAWING TITLE: Site Location Map Sheet 3 of 14

| PROJECT No.: | DRAWING No.: | SCALE: |
|---|---|---|
| 240740 | 240740 - 02.3 | 1:2,500 @ A1 |

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Mheánach Thoir

Garraí na Graí

Garra
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An Ré Mheánach Thoir

Garraí na Graí

Garraí na Graí

An Chúil Rua

An Carraigín

An Carraigín

Ré na gCuilí

Ré n

An Mhoing Bheag

An Mhoing Bheag

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Drawing Legend

- Planning Application Boundary
- Landowners Boundary
- Site Notice
- Wayleaves

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Meters
0 10 50 100 150

PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**Site Location Map Sheet 4 of 14**

| PROJECT No.: | DRAWING No.: | SCALE: |
|---|---|---|
| 240740 | 240740 - 02.4 | 1:2,500 @ A1 |

| DRAWN BY: | CHECKED BY: | DATE: | REVISION: |
|---|---|---|---|
| JOB | AC | 06.10.2026 | P01 |

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Drawing Legend

- Planning Application Boundary
- Landowners Boundary
- Site Notice
- Wayleaves

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PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**Site Location Map Sheet 5 of 14**

| PROJECT No. | DRAWING No. | SCALE |
|---|---|---|
| 240740 | 240740 - 02.5 | 1:2,500 @ A1 |

| DRAWN BY: | CHECKED BY: | DATE: | REVISION: |
|---|---|---|---|
| JOB | AC | 06.10.2026 | P01 |

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CARRONAHYLA

TOOR NORTH

CLASHBRACK

CLASHBRACK

CARRONAHYLA

TOOR NORTH

LYRE

LYRE

Drom Sliog

Drom Sliog

TOOR NORTH

LYRE

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Drawing Legend

- Planning Application Boundary
- Landowners Boundary
- Site Notice
- Wayleaves

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0 10 50 100 150

PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**Site Location Map Sheet 6 of 14**

| PROJECT No. | DRAWING No. | SCALE |
|---|---|---|
| 240740 | 240740 - 02.6 | 1:2,500 @ A1 |

| DRAWN BY: | CHECKED BY: | DATE: | REVISION: |
|---|---|---|---|
| JOB | AC | 06.10.2026 | P01 |

OS SHEET No.
6068, 6069, 6070, 6113, 6114, 6115, 6159, 6160, 6161, 6206, 6207, 6208

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Drawing Legend

- Planning Application Boundary
- Landowners Boundary
- Wayleaves

CARRONADAVDERG

TOOR NORTH

CARRONADAVDERG

MOYNG

CARRONADAVDERG

TOOR NORTH

Drom Slio

CARRONADAVDERG

MOYNG

MOYNG

Meters
0 10 50 100 150

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N

PROJECT TITLE: Slievegrine Renewable Energy Development, Co. Waterford

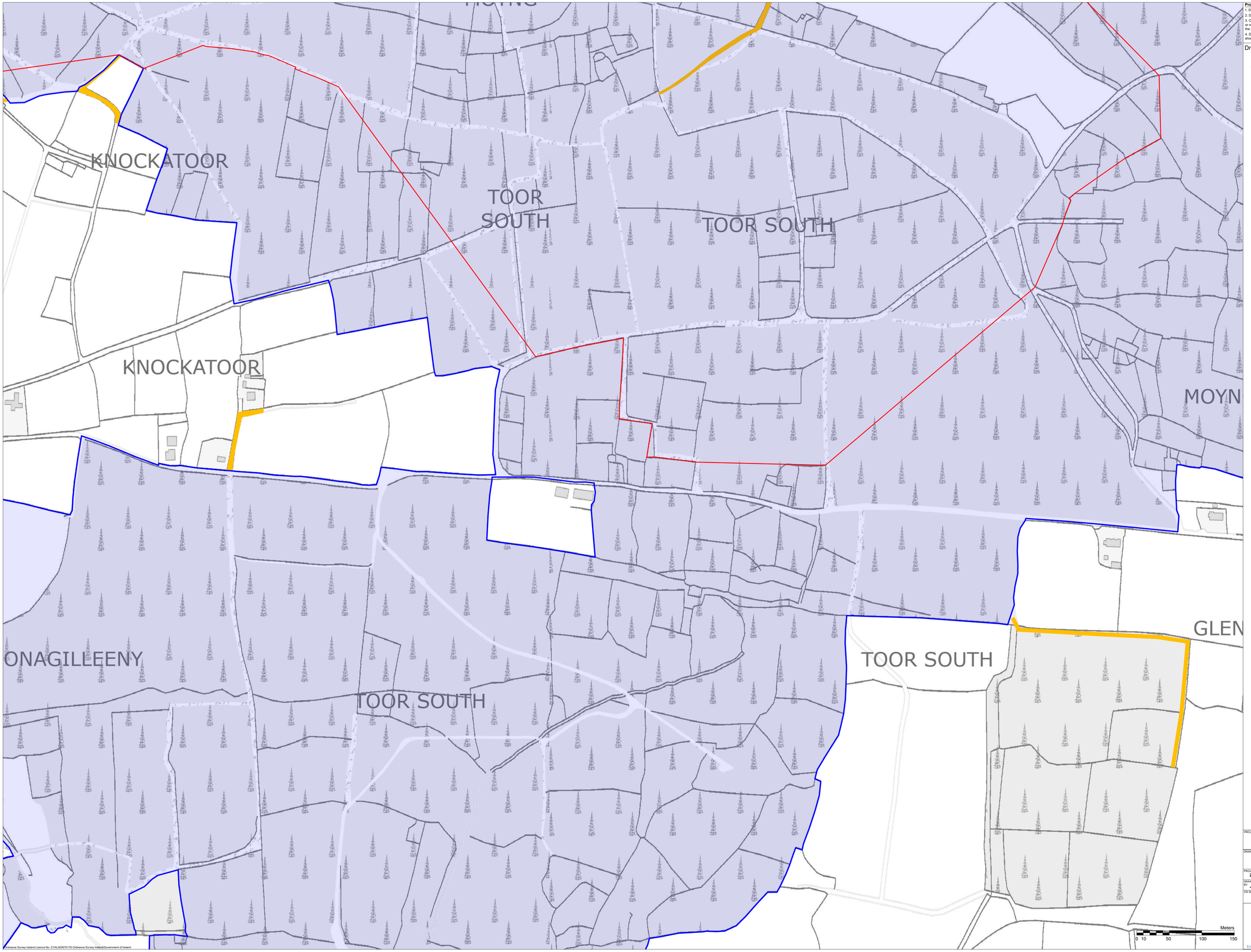
DRAWING TITLE: Site Location Map Sheet 7 of 14

| PROJECT No.: | DRAWING No.: | SCALE: |
|---|---|---|
| 240740 | 240740 - 02.7 | 1:2,500 @ A1 |

| DRAWN BY: | CHECKED BY: | DATE: | REVISION: |
|---|---|---|---|
| JOB | AC | 06.10.2026 | P01 |

OS SHEET No.: 6068, 6069, 6070, 6113, 6114, 6115, 6159, 6160, 6161, 6206, 6207, 6208

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Drawing Legend

- Planning Application Boundary
- Landowners Boundary
- Wayleaves

N

PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

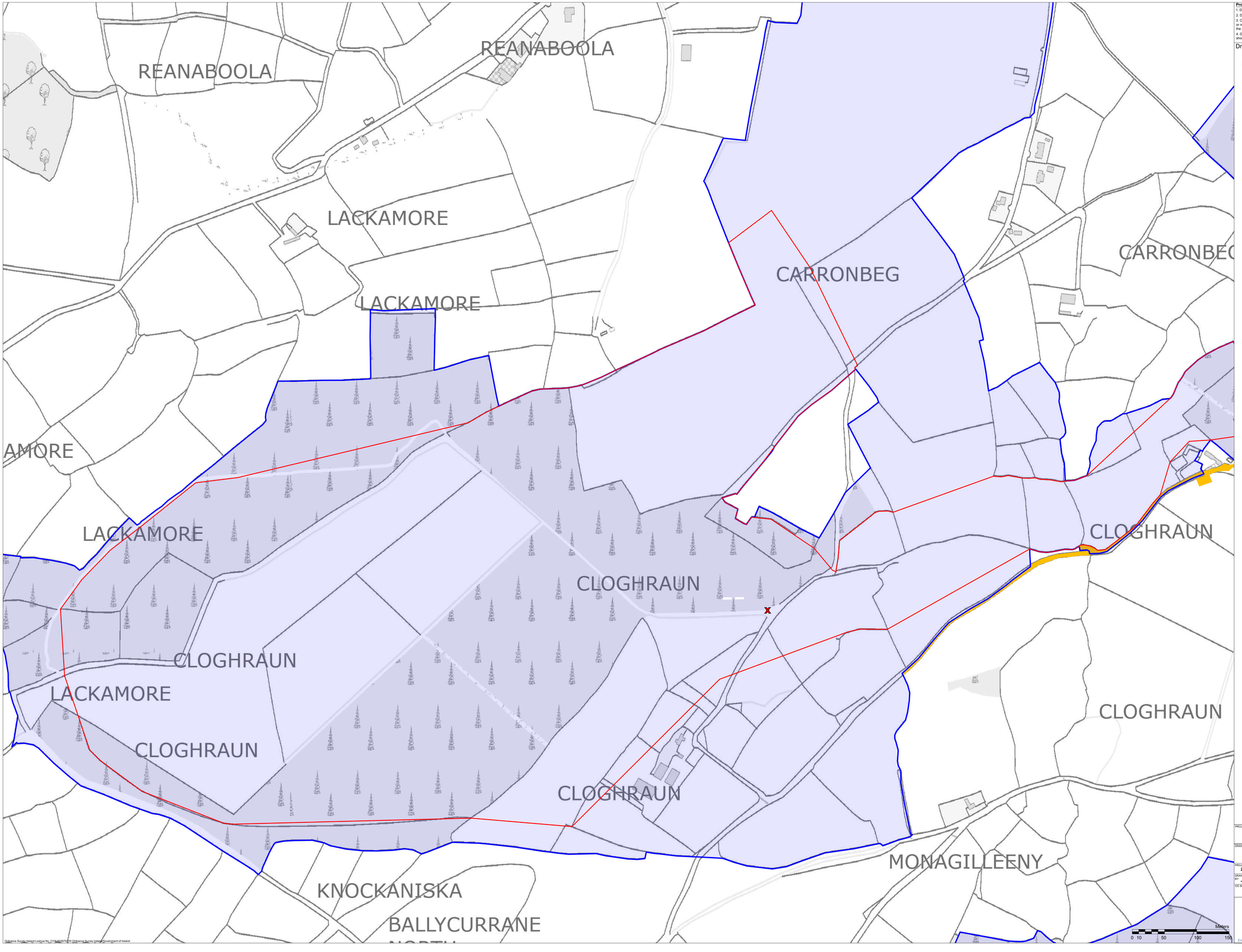
DRAWING TITLE:
**Site Location Map Sheet 8 of 14**

| PROJECT No. | DRAWING No. | SCALE |
|---|---|---|
| 240740 | 240740 - 02.8 | 1:2,500 @ A1 |

| DRAWN BY: | CHECKED BY: | DATE: | REVISION: |
|---|---|---|---|
| JOB | AC | 06.10.2026 | P01 |

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Drawing Legend

- Planning Application Boundary
- Landowners Boundary
- Site Notice
- Wayleaves

N

PROJECT TITLE: Slievegrine Renewable Energy Development, Co. Waterford

DRAWING TITLE: Site Location Map Sheet 9 of 14

| PROJECT No: | DRAWING No: | SCALE: |
|---|---|---|
| 240740 | 240740 - 02.9 | 1:2,500 @ A1 |
| DRAWN BY: JOB / CHECKED BY: AC / DATE: 06.10.2026 | | REVISION: P01 |

OS SHEET No: 6068, 6069, 6070, 6113, 6114, 6115, 6159, 6160, 6161, 6206, 6207, 6208

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REAMANAGH WEST

KNOCKNAGLOGH UPPER

KNOCKNAGLOGH UPPER

REAMANAGH WEST

REAMANAGH WEST

MONACU

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Drawing Legend

- Planning Application Boundary
- Landowners Boundary
- Site Notice
- Wayleaves

N

Meters
0 10 50 100 150

PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**Site Location Map Sheet 10 of 14**

| PROJECT No. | DRAWING No. | SCALE |
|---|---|---|
| 240740 | 240740 - 02.10 | 1:2,500 @ A1 |

| DRAWN BY: | CHECKED BY: | DATE: | REVISION: |
|---|---|---|---|
| JOB | AC | 06.10.2026 | P01 |

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Drawing Legend

- Planning Application Boundary
- Landowners Boundary
- Site Notice
- Wayleaves

REAMANAGH WEST

KNOCKNAGLOGH UPPER

MOUNTSTUART

MOUNTSTUART

REAMANAGH WEST

LACKENAGREANY

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TOOR NORTH

N

ERY

Meters

0 10 50 100 150

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PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**Site Location Map Sheet 11 of 14**

| PROJECT No. | DRAWING No. | SCALE |
|---|---|---|
| 240740 | 240740 - 02.11 | 1:2,500 @ A1 |

| DRAWN BY: | CHECKED BY: | DATE: | REVISION: |
|---|---|---|---|
| JOB | AC | 06.10.2026 | P01 |

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MONAGEELA

LISGRIFFIN

LISGRIFFIN

MOUNTSTUART

MONALUMMERY

MONAGALLY EAST

MONALUMMERY

LACKENAGREANY

MONAGALLY EAST

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Drawing Legend

- Planning Application Boundary
- Landowners Boundary
- Wayleaves

N

Meters

0 10 50 100 150

PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

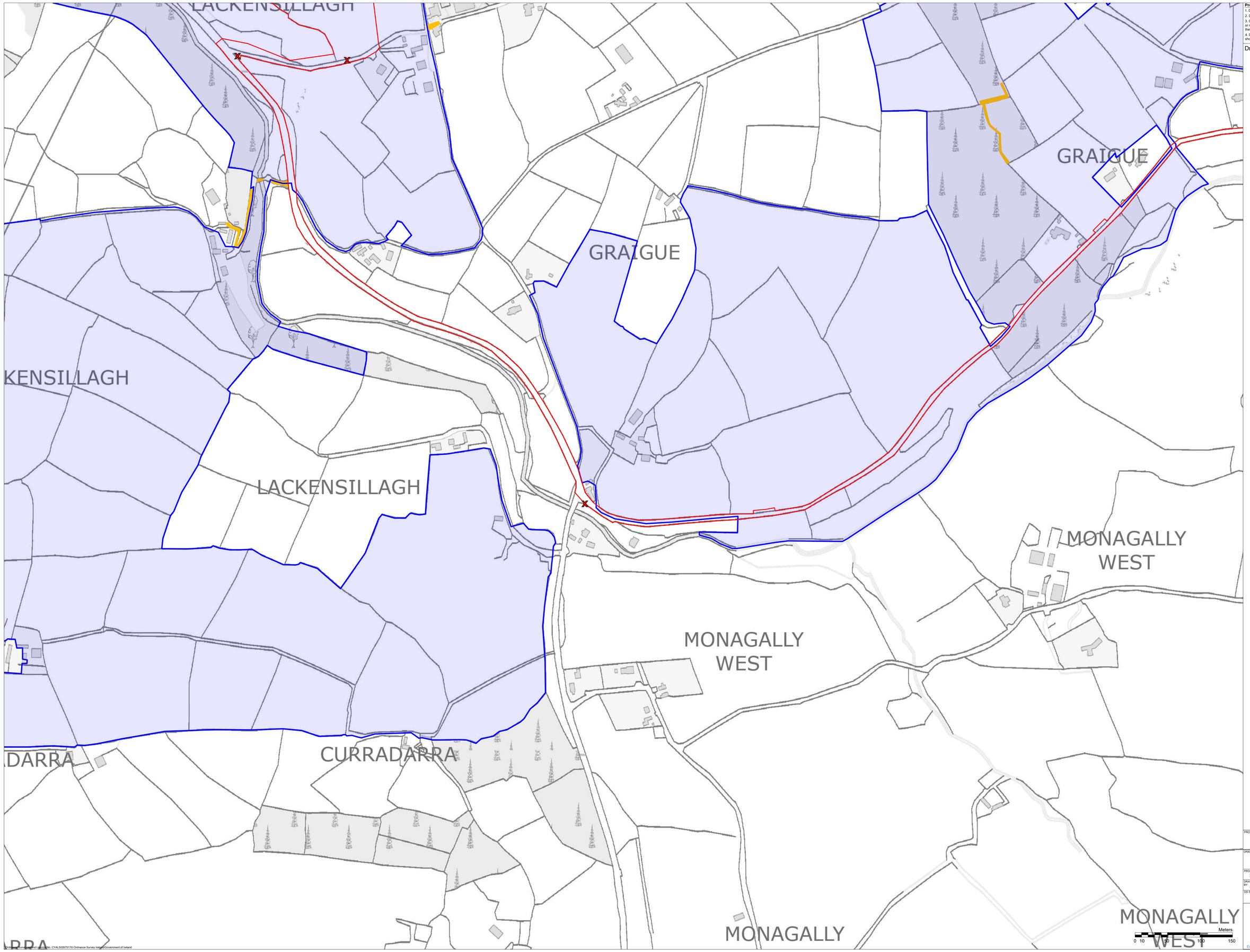
DRAWING TITLE:
**Site Location Map Sheet 12 of 14**

| PROJECT No.: | DRAWING No.: | SCALE: |
|---|---|---|
| 240740 | 240740 - 02.12 | 1:2,500 @ A1 |

| DRAWN BY: | CHECKED BY: | DATE: | REVISION: |
|---|---|---|---|
| JOB | AC | 06.10.2026 | P01 |

OS SHEET No: 6068, 6069, 6070, 6113, 6114, 6115, 6159, 6160, 6161, 6206, 6207, 6208

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Drawing Legend

- Planning Application Boundary
- Landowners Boundary
- Site Notice
- Wayleaves

N

PROJECT TITLE: **Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE: **Site Location Map Sheet 13 of 14**

| PROJECT No: | DRAWING No: | SCALE: |
|---|---|---|
| 240740 | 240740 - 02.13 | 1:2,500 @ A1 |

| DRAWN BY: | CHECKED BY: | DATE: | REVISION: |
|---|---|---|---|
| JOB | AC | 06.10.2026 | P01 |

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EEN

KILLATOOR

KILLATOOR

CURRAHEEN

CURRAHEEN

BALLYCULLANE

MONAGEELA

GRAIGUE

GRAIGUE

SILLAGH

LACKENSILLAGH

GRAIGU

GRAIGUE

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Drawing Legend

- Planning Application Boundary
- Landowners Boundary
- Site Notice
- Wayleaves

N

0 10 50 100 150 Meters

PROJECT TITLE: **Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE: **Site Location Map Sheet 14 of 14**

| PROJECT No. | DRAWING No. | SCALE |
|---|---|---|
| 240740 | 240740 - 02.14 | 1:2,500 @ A1 |

| DRAWN BY: | CHECKED BY: | DATE: | REVISION: |
|---|---|---|---|
| JOB | AC | 06.10.2026 | P01 |

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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 New Roads
- 38kV Cable Service Track
- 220kV Cable Service Track
- Hardstand
- Turbine Foundation
- 175m Tip Height Turbine (Refer to DWG 240740 - 28 - for details)
- 185m Tip Height Turbine (Refer to DWG 240740 - 29 - for details)
- 170m Tip Height Turbine (Refer to DWG 240740 - 30 - for details)
- Construction Compound
- Borrow Pit
- 33kV Electrical Cable Trench
- 110kV Electrical Cable Trench
- 38kV Electrical Cable Trench
- 220kV Electrical Cable Trench
- Existing 38kV OHL to be Undergrounded
- 110kV Joint Bay/Comms Chamber (Refer to DWG 240740 - 54 - for details)
- 38kV Joint Bay
- Proposed 220kV End Mast
- Security Gate
- Security Cabin (Refer to DWG 240740 - 51.1 - for details)
- Existing 38kV End Mast
- Cut
- Fill
- Proposed Replanting
- Riparian & PIP Planting
- Linear Loss
- Proposed Screen Planting

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PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

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

| PROJECT No. | DRAWING No. | SCALE |
|---|---|---|
| 240740 | 240740 - 03 | 1:15,000 @ A1 |

| DRAWN BY: | CHECKED BY: | DATE: | REVISION: |
|---|---|---|---|
| JOB | AC | 06.10.2026 | P01 |

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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 New Roads
- Hardstand
- Turbine Foundation
- 175m Tip Height Turbine — Refer to DWG 240740 - 28 - for details
- Construction Compound
- Borrow Pit
- 33kV Electrical Cable Trench
- 110kV Electrical Cable Trench
- 110kV Joint Bay/Comms Chamber — Refer to DWG 240740 - 54 - for details
- Security Gate
- Security Cabin — Refer to DWG 240740 - S1.1 - for details
- Cut
- Fill
- Proposed Replanting

**T1**
ITM 619870, 589557
Level - 234m O.D.

**T2**
ITM 620325, 589626
Level - 245.5m O.D.

**T3**
ITM 620459, 589176
Level - 228m O.D.

**T4**
ITM 620938, 589327
Level - 236m O.D.

**T5**
ITM 621227, 589009
Level - 226.5m O.D.

**T6**
ITM 621717, 589023
Level - 201m O.D.

**Telecommunication Relay Mast**
ITM 620855, 589082
Level - 227m O.D.

Borrow Pit 5
Refer to DWG
240740-48

Construction Compound
Refer to DWG
240740-34

Joint Bay 01

BALLYGUIRY WEST
BALLYGUIRY EAST
BALLYCULLANE BEG
BALLYCULLANE MORE
BALLYGUIRY
GLEN BEG
GLEN MORE
SHANAKILL
CRUSSERA
MONACULLEE
CLASHBRACK
KNOCKNAHOOLA
TWOMILEBRIDGE
KILLOSSERAGH
KILLONGF
KILLOSSER
WINDGAP
Ré na bhFeadóg
Barr na Laidhre

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PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**Site Layout Plan Sheet 1 of 5**

| PROJECT No. | DRAWING No. | SCALE |
|---|---|---|
| 240740 | 240740 - 03.1 | 1:5,000 @ A1 |
| DRAWN BY: JOB | CHECKED BY: AC | DATE: 06.10.2026 | REVISION: P01 |

OS SHEET No: 6068, 6069, 6070, 6113, 6114, 6115, 6159, 6160, 6161, 6206, 6207, 6208

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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 New Roads
- Hardstand
- Turbine Foundation
- 175m Tip Height Turbine — Refer to DWG 240740 - 28 - for details
- 185m Tip Height Turbine — Refer to DWG 240740 - 29 - for details
- Construction Compound
- Borrow Pit
- 33kV Electrical Cable Trench
- 110kV Electrical Cable Trench
- 110kV Joint Bay/Comms Chamber — Refer to DWG 240740 - 54 - for details
- Security Gate
- Security Cabin — Refer to DWG 240740 - 51 1 - for details
- Cut
- Fill
- Linear Loss
- Proposed Replanting
- Riparian & PIP Planting

Borrow Pit 4
Refer to DWG
240740-47

Onsite Substation
Refer to DWG
240740-42

Construction Compound
Refer to DWG
240740-36

Construction Compound
Refer to DWG
240740-35

**T7**
ITM 619339, 587736
Level - 190m O.D.

**T8**
ITM 619803, 587602
Level - 168.5m O.D.

**T9**
ITM 620382, 587597
Level - 154m O.D.

**T10**
ITM 620784, 587144
Level - 137m O.D.

**T11**
ITM 621314, 587391
Level - 141.5m O.D.

**T12**
ITM 621876, 587432
Level - 150m O.D.

**T15**
ITM 618908, 587147
Level - 200m O.D.

**T16**
ITM 619106, 586747
Level - 188m O.D.

**T17**
ITM 619562, 586713
Level - 173m O.D.

**Met Mast**
ITM 619045, 586963
Level - 227m O.D.

Internal EPA WC 2
Refer to DWG
240740-68

Internal EPA WC 3
Refer to DWG
240740-69

Internal EPA WC 4
Refer to DWG
240740-70

CARRONAHYLA
TOOR NORTH
CLASHBRACK
KNOCKNAHOOLA
An Ré Mheánach Thoir
Ré na bhFeadóg
LYRE
Drom Sliog
An Carraigín
Garraí na Gráí
Ré na gCuilí
An Chuil Rua
An Mhoing Bheag
Móin na mBian
MOYNG
GLENICKY

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PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**Site Layout Plan Sheet 2 of 5**

| PROJECT No. | DRAWING No. | SCALE: |
|---|---|---|
| 240740 | 240740 - 03.2 | 1:5,000 @ A1 |
| DRAWN BY: JOB | CHECKED BY: AC | DATE: 06.10.2026 | REVISION: P01 |

OS SHEET No.: 6068, 6069, 6070, 6113, 6114, 6115, 6159, 6160, 6161, 6206, 6207, 6208

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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 New Roads
- 38kV Cable Service Track
- Hardstand
- Turbine Foundation
- 175m Tip Height Turbine (Refer to DWG 240740 - 28 - for details)
- 170m Tip Height Turbine (Refer to DWG 240740 - 30 - for details)
- Construction Compound
- Borrow Pit
- 33kV Electrical Cable Trench
- 38kV Electrical Cable Trench
- Existing 38kV OHL to be Undergrounded
- 38kV Joint Bay
- Security Gate
- Cut
- Fill
- Linear Loss
- Proposed Replanting

Borrow Pit 3 Refer to DWG 240740-46

Construction Compound Refer to DWG 240740-37

Borrow Pit 2 Refer to DWG 240740-45

Borrow Pit 1 Refer to DWG 240740-44

Internal EPA WC 1 Refer to DWG 240740-67

Construction Compound Refer to DWG 240740-38

**T13** ITM 617902, 587077 Level - 261m O.D.

**T14** ITM 618391, 587029 Level - 236.5m O.D.

**T18** ITM 617635, 586534 Level - 246m O.D.

**T19** ITM 618079, 586508 Level - 220m O.D.

**T20** ITM 618468, 586358 Level - 196m O.D.

**T21** ITM 617920, 586003 Level - 189.5m O.D.

**T22** ITM 615346, 586108 Level - 202m O.D.

**T23** ITM 615933, 586293 Level - 194m O.D.

MONALUMMERY, REANABOOLA, CARRONBEG, CARRONADAVDERG, TOOR NORTH, MOYNG, LACKAMORE, CLOGHRAUN, KNOCKATOOR, TOOR SOUTH, KNOCKANISKA, BALLYCURRANE NORTH, MONAGILLEENY, BALLYCURRANE, CLADAGH, GLEN

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PROJECT TITLE: **Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE: **Site Layout Plan Sheet 3 of 5**

| PROJECT No.: | DRAWING No.: | SCALE: |
|---|---|---|
| 240740 | 240740 - 03.3 | 1:5,000 @ A1 |
| DRAWN BY: JOB | CHECKED BY: AC | DATE: 06.10.2026 |
| REVISION: P01 | | |

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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
- 110kV Electrical Cable Trench
- 110kV Joint Bay/Comms Chamber
  Refer to DWG 240740 - 76 - for details

Joint Bay 07
Joint Bay 06
Joint Bay 05
Joint Bay 04
Joint Bay 03
Joint Bay 02

WC01 - EPA
Refer to DWG 240740-75

N

PROJECT:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**Site Layout Plan Sheet 4 of 5**

| PROJECT No: | DRAWING No. | SCALE: |
|---|---|---|
| 240740 | 240740 - 03.4 | 1:5,000 @ A1 |

| DRAWN BY: | CHECKED BY: | DATE: | REVISION: |
|---|---|---|---|
| JQB | AC | 06.10.2026 | P01 |

OS SHEET No: 6068, 6069, 6070, 6113, 6114, 6115, 6159, 6160, 6161, 6206, 6207, 6208

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Proposed 220kV
Loop-in Substation
Refer to DWG
240740-43

Construction Compound
Refer to DWG
240740-39

Joint Bay 13

Joint Bay 12

Joint Bay 11

Joint Bay 10

Joint Bay 09

WC2 - EPA
Refer to DWG 240740-76

Joint Bay 08

Joint Bay 07

CURRAHEEN
KILLATOOR
MONAGEELA
KNOCKNAGLOGH LOWER
GRAIGUE
LISGRIFFIN
MOUNTSTUART
LACKENSILLAGH
MONALUMMERY
MONAGALLY WEST
MONAGALLY EAST
CURRADARRA
LACKENAGREANY

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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 New Roads
- 220kV Cable Service Track
- Construction Compound
- 110kV Electrical Cable Trench
- 220kV Electrical Cable Trench
- Existing 38kV OHL to be Undergrounded
- 110kV Joint Bay/Comms Chamber (Refer to DWG 240740 - 54 - for details)
- Proposed 220kV End Mast
- Cut
- Fill
- Linear Loss
- Proposed Replanting
- Proposed Screen Planting

PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**Site Layout Plan Sheet 5 of 5**

| PROJECT No. | DRAWING No. | SCALE |
|---|---|---|
| 240740 | 240740 - 03.5 | 1:5,000 @ A1 |
| DRAWN BY: JOB | CHECKED BY: AC | DATE: 06.10.2026 |
| | | REVISION: P01 |

OS SHEET No: 6068, 6069, 6070, 6113, 6114, 6115, 6159, 6160, 6161, 6206, 6207, 6208

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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 New Roads
- 38kV Cable Service Track
- 220kV Cable Service Track
- Hardstand
- Turbine Foundation
- 175m Tip Height Turbine (Refer to DWG 240740 - 28 - for details)
- 185m Tip Height Turbine (Refer to DWG 240740 - 29 - for details)
- 170m Tip Height Turbine (Refer to DWG 240740 - 30 - for details)
- Construction Compound
- Borrow Pit
- 33kV Electrical Cable Trench
- 110kV Electrical Cable Trench
- 38kV Electrical Cable Trench
- 220kV Electrical Cable Trench
- Existing 38kV OHL to be Undergrounded
- 110kV Joint Bay/Comms Chamber (Refer to DWG 240740 - 54 - for details)
- 38kV Joint Bay
- Security Gate
- Security Cabin (Refer to DWG 240740 - 01.1 - for details)
- Proposed 220kV End Mast
- Existing 38kV End Mast
- Cut
- Fill
- Linear Loss
- Proposed Replanting
- Riparian & PIP Planting
- Proposed Screen Planting

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PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

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

| PROJECT No. | DRAWING No. | SCALE |
|---|---|---|
| 240740 | 240740 - 04 | 1:15,000 @ A1 |
| DRAWN BY: JOB | CHECKED BY: AC | DATE: 06.10.2026 |
| REVISION: P01 | | |

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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 New Roads
- Hardstand
- Turbine Foundation
- 175m Tip Height Turbine (Refer to DWG 240740 - 28 - for details)
- Construction Compound
- Borrow Pit
- 33kV Electrical Cable Trench
- 110kV Electrical Cable Trench
- 110kV Joint Bay/Comms Chamber (Refer to DWG 240740 - 54 - for details)
- Security Gate
- Security Cabin (Refer to DWG 240740 - S1.1 - for details)
- Cut
- Fill
- Watercourses
- Proposed Replanting

Borrow Pit 5
Refer to DWG
240740-48

104.5m
210.6m
57.7m
81.5m
406.4m
230.8m
230.5m
149.1m
400.3m
272.7m
265.8m
106.8m

**T1**
ITM 619870, 589557
Level - 234m O.D.
Refer to DWG
240740 - 05

**T2**
ITM 620325, 589626
Level - 245.5m O.D.
Refer to DWG
240740 - 06

**T3**
ITM 620459, 589176
Level - 228m O.D.
Refer to DWG
240740 - 07

**T4**
ITM 620938, 589327
Level - 236m O.D.
Refer to DWG
240740 - 08

**Telecommunication Relay Mast**
ITM 620855, 589082
Level - 227m O.D.

**T5**
ITM 621227, 589009
Level - 226.5m O.D.
Refer to DWG
240740 - 09

Construction Compound
Refer to DWG
240740-34

112.2m
134m
55.7m
107.5m
161.6m
203.5m
193.4m
0.9m
160.4m

Security Gate refer
to DWG 240740 - 49
for Detail

Joint Bay 01

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N

PROJECT TITLE:
**Silevegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**Site Layout Plan**
**Sheet 1 of 14**

| PROJECT No. | DRAWING No. | SCALE |
|---|---|---|
| 240740 | 240740 - 04.1 | 1:2,500 @ A1 |

| DRAWN BY: | CHECKED BY: | DATE: | REVISION: |
|---|---|---|---|
| JOB | AC | 06.10.2026 | P01 |

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**T4**
ITM 620938, 589327
Level - 236m O.D.

Refer to DWG
240740 - 08

272.7m
265.6m
106.6m
5.2m

**Telecommunication Relay Mast**
ITM 620855, 589082
Level - 227m O.D.

Refer to DWG
240740 - 09

**T5**
ITM 621227, 589009
Level - 226.5m O.D.

203.5m
193.4m

**T6**
ITM 621717, 589023
Level - 201m O.D.

115.4m

Refer to DWG
240740 - 10

264.8m

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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 New Roads
- Hardstand
- Turbine Foundation
- 175m Tip Height Turbine (Refer to DWG 240740 - 28 - for details)
- 33kV Electrical Cable Trench
- Cut
- Fill
- Watercourses
- Proposed Replanting

N

PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**Site Layout Plan**
**Sheet 2 of 14**

| PROJECT No. | DRAWING No. | SCALE: |
|---|---|---|
| 240740 | 240740 - 04.2 | 1:2,500 @ A1 |
| DRAWN BY: JOB | CHECKED BY: AC | DATE: 06.10.2026 |
| OS SHEET No: | 6068, 6069, 6070, 6113, 6114, 6115, 6159, 6160, 6161, 6206, 6207, 6208 | REVISION:: P01 |

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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 New Roads
- Hardstand
- Turbine Foundation
- 185m Tip Height Turbine (Refer to DWG 240740 - 29 - for details)
- Construction Compound
- 33kV Electrical Cable Trench
- Security Gate
- Security Cabin (Refer to DWG 240740 - 51.1 - for details)
- Cut
- Fill
- Watercourses
- Proposed Replanting

119.9m
87.2m
83.4m
Construction Compound
Refer to DWG
240740-35
217.5m
67.2m
73.2m
88.8m
Internal EPA WC 4
Refer to DWG
240740-70
35.5m
138.6m
160.5m
Refer to DWG
240740 - 15
**T11**
ITM 621314, 587391
Level - 141.5m O.D.
Refer to DWG
240740 - 16
**T12**
ITM 621876, 587432
Level - 150m O.D.
154.3m
Security Gate refer
to DWG 240740 - 49
for Detail
Security Gate refer
to DWG 240740 - 49
for Detail
**T10**
ITM 620784, 587144
Level - 137m O.D.
Refer to DWG
240740 - 14
290.5m
457m

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PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**Site Layout Plan**
**Sheet 3 of 14**

| PROJECT No. | DRAWING No. | SCALE |
|---|---|---|
| 240740 | 240740 - 04.3 | 1:2,500 @ A1 |
| DRAWN BY: JOB | CHECKED BY: AC | DATE: 06.10.2026 | REVISION: P01 |

OS SHEET No.: 6068, 6069, 6070, 6113, 6114, 6115, 6159, 6160, 6161, 6206, 6207, 6208

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Internal EPA WC 4
Refer to DWG
240740-70

35.5m

138.6m

Security Gate refer
to DWG 240740 - 49
for Detail

**T10**
ITM 620784, 587144
Level - 137m O.D.

Refer to DWG
240740 - 14

277.6m

126m

160.5m

**T11**
ITM 621314, 587391
Level - 141.5m O.D.

Refer to DWG
240740 - 15

290.5m

Security Gate refer
to DWG 240740 - 49
for Detail

Refer to DWG
240740 - 16

**T12**
ITM 621876, 587432
Level - 150m O.D.

154.3m

457m

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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 New Roads
- 33kV Electrical Cable Trench
- Hardstand
- Turbine Foundation
- 185m Tip Height Turbine (Refer to DWG 240740 - 29 - for details)
- Security Gate
- Cut
- Fill
- Watercourses
- Linear Loss
- Proposed Replanting
- Riparian & PIP Planting

N

PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**Site Layout Plan**
**Sheet 4 of 14**

| PROJECT No.: | DRAWING No.: | SCALE: |
|---|---|---|
| 240740 | 240740 - 04.4 | 1:2,500 @ A1 |
| DRAWN BY: JOB / CHECKED BY: AC | DATE: 06.10.2026 | REVISION: P01 |

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Internal EPA WC 2
Refer to DWG
240740-68

62.5m

76.7m

72.2m

Security Gate refer
to DWG 240740 - 49
for Detail

50.8m

353.7m

**T15**
ITM 618908, 587147
Level - 200m O.D.

Refer to DWG
240740 - 19

131.1m

50m

**Met Mast**
ITM 619045, 586963
Level - 227m O.D.

Security Gate refer
to DWG 240740 - 49
for Detail

86.5m

229.3m

Refer to DWG
240740 - 20

152.7m

Refer to DWG
240740 - 21

251.7m

118.9m

Security Gate refer
to DWG 240740 - 49
for Detail

**T16**
ITM 619106, 586747
Level - 188m O.D.

222.7m

167.8m

107.3m

**T17**
ITM 619562, 586713
Level - 173m 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 New Roads
- 33kV Electrical Cable Trench
- Hardstand
- Turbine Foundation
- 175m Tip Height Turbine (Refer to DWG 240740 - 28 - for details)
- Security Gate
- Security Cabin (Refer to DWG 240740 - 01.1 - for details)
- Cut
- Fill
- Watercourses
- Linear Loss
- Proposed Replanting
- Riparian & PIP Planting

N

PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**Site Layout Plan Sheet 5 of 14**

| PROJECT No. | DRAWING No. | SCALE |
|---|---|---|
| 240740 | 240740 - 04.5 | 1:2,500 @ A1 |

| DRAWN BY: | CHECKED BY: | DATE: | REVISION: |
|---|---|---|---|
| JOB | AC | 06.10.2026 | P01 |

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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 New Roads
- 33kV Electrical Cable Trench
- Hardstand
- Turbine Foundation
- 175m Tip Height Turbine (Refer to DWG 240740 - 28 - for details)
- 185m Tip Height Turbine (Refer to DWG 240740 - 29 - for details)
- Construction Compound
- Borrow Pit
- 110kV Joint Bay/Comms Chamber (Refer to DWG 240740 - 54 - for details)
- Security Gate
- Security Cabin (Refer to DWG 240740 - 51.1 - for details)
- Cut
- Fill
- Watercourses
- Linear Loss
- Proposed Replanting

**T7**
ITM 619339, 587736
Level - 190m O.D.

**T8**
ITM 619803, 587602
Level - 168.5m O.D.

**T9**
ITM 620382, 587597
Level - 154m O.D.

**T15**
ITM 618908, 587147
Level - 200m O.D.

Refer to DWG 240740 - 11
Refer to DWG 240740 - 12
Refer to DWG 240740 - 13
Refer to DWG 240740 - 19

Borrow Pit 4
Refer to DWG 240740-47

Onsite Substation
Refer to DWG 240740-42

Construction Compound
Refer to DWG 240740-36

Internal EPA WC 2
Refer to DWG 240740-68

Internal EPA WC 3
Refer to DWG 240740-69

Security Gate refer to DWG 240740 - 49 for Detail

98.2m
47.1m
25.8m
109m
92.1m
52.1m
47.6m
73.4m
34.5m
240.8m
264.5m
139m
190.5m
253m
32m
353.7m
62.5m
76.7m
72.2m
131.1m
50.6m

N

PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**Site Layout Plan Sheet 6 of 14**

| PROJECT No. | DRAWING No. | SCALE |
|---|---|---|
| 240740 | 240740 - 04.6 | 1:2,500 @ A1 |

| DRAWN BY | CHECKED BY | DATE | REVISION |
|---|---|---|---|
| JOB | AC | 06.10.2026 | P01 |

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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 New Roads
- 33kV Electrical Cable Trench
- Hardstand
- Turbine Foundation
- 175m Tip Height Turbine (Refer to DWG 240740 - 28 - for details)
- Construction Compound
- Borrow Pit
- Security Gate
- Cut
- Fill
- Watercourses
- Linear Loss
- Proposed Replanting

Borrow Pit 3
Refer to DWG
240740-46

238.5m

128.6m

220.2m

Refer to DWG
240740 - 17

46.9m

Security Gate refer
to DWG 240740 - 49
for Detail

Refer to DWG
240740 - 18

136m

198.6m

Construction Compound
Refer to DWG
240740-37

135.4m

**T13**
ITM 617902, 587077
Level - 261m O.D.

145.3m

**T14**
ITM 618391, 587029
Level - 236.5m O.D.

106.3m

Security Gate refer
to DWG 240740 - 49
for Detail

Borrow Pit 2
Refer to DWG
240740-45

33.1m

54.9m

Refer to DWG
240740 - 22

364.5m

**T18**
ITM 617635, 586534
Level - 246m O.D.

Refer to DWG
240740 - 23

184m

**T19**
ITM 618079, 586508
Level - 220m O.D.

57.2m

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PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**Site Layout Plan**
**Sheet 7 of 14**

| PROJECT No. | DRAWING No. | SCALE |
|---|---|---|
| 240740 | 240740 - 04.7 | 1:2,500 @ A1 |

| DRAWN BY: | CHECKED BY: | DATE: | REVISION: |
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57.2m

Refer to DWG
240740 - 24

111.1m

Security Gate refer
to DWG 240740 - 49
for Detail

**T20**
ITM 618468, 586358
Level - 196m O.D.

49.4m

**T21**
ITM 617920, 586003
Level - 189.5m O.D.

Refer to DWG
240740 - 25

134.3m

111.1m

142.1m

166.4m

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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 New Roads
- 33kV Electrical Cable Trench
- Hardstand
- Turbine Foundation
- 175m Tip Height Turbine
  Refer to DWG 240740 - 28 - for details
- Cut
- Fill
- Watercourses

N

PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**Site Layout Plan**
**Sheet 8 of 14**

| PROJECT No: | DRAWING No: | SCALE: |
|---|---|---|
| 240740 | 240740 - 04.8 | 1:2,500 @ A1 |

| DRAWN BY: | CHECKED BY: | DATE: | REVISION: |
|---|---|---|---|
| JQB | AC | 06.10.2026 | P01 |

OS SHEET No: 6068, 6069, 6070, 6113, 6114, 6115, 6159, 6160, 6161, 6206, 6207, 6208

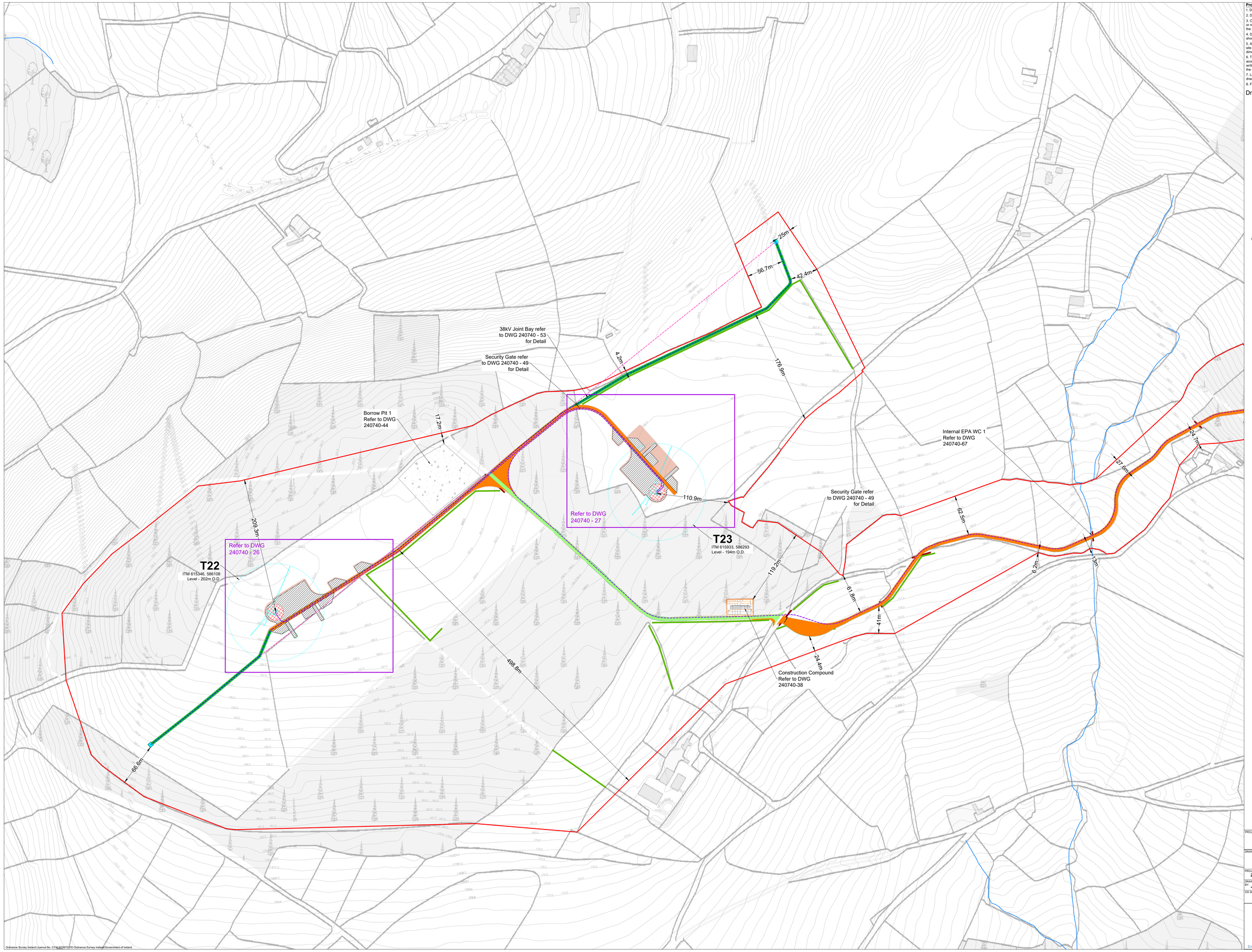
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7. Layout plans show typical Turbine rotor diameter as per turbine drawing.
8. Final levels may vary depending on local ground conditions.

## Drawing Legend

- Planning Application Boundary
- Existing Road to be Upgraded
- Proposed New Roads
- 38kV Cable Service Track
- Hardstand
- Turbine Foundation
- 170m Tip Height Turbine (Refer to DWG 240740 - 30 - for details)
- Construction Compound
- Existing 38kV End Mast
- Borrow Pit
- 33kV Electrical Cable Trench
- 38kV Electrical Cable Trench
- 38kV Joint Bay
- Existing 38kV OHL to be Undergrounded
- Security Gate
- Cut
- Fill
- Watercourses
- Linear Loss
- Proposed Replanting




N

PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**Site Layout Plan Sheet 9 of 14**

| PROJECT No. | DRAWING No. | SCALE |
|---|---|---|
| 240740 | 240740 - 04.9 | 1:2,500 @ A1 |

| DRAWN BY: | CHECKED BY: | DATE: | REVISION: |
|---|---|---|---|
| JOB | AC | 06.10.2026 | P01 |

OS SHEET No.: 6068, 6069, 6070, 6113, 6114, 6115, 6159, 6160, 6161, 6206, 6207, 6208

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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
- 110kV Electrical Cable Trench
- 110kV Joint Bay/Comms Chamber
  Refer to DWG 240740 - 54 - for details
- Watercourses

N

PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**Site Layout Plan**
**Sheet 10 of 14**

| PROJECT No. | DRAWING No. | SCALE |
|---|---|---|
| 240740 | 240740 - 04.10 | 1:2,500 @ A1 |

| DRAWN BY: | CHECKED BY: | DATE: | REVISION: |
|---|---|---|---|
| JOB | AC | 06.10.2026 | P01 |

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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
- 110kV Electrical Cable Trench
- 110kV Joint Bay/Comms Chamber
  Refer to DWG 240740 - SK - for details
- Watercourses

Joint Bay 07
Joint Bay 06
Joint Bay 05
4.2m
3.4m
6.1m
3.3m
2.9m
3.7m
3.2m
3.9m

N

PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**Site Layout Plan Sheet 11 of 14**

| PROJECT No.: | DRAWING No.: | SCALE: |
|---|---|---|
| 240740 | 240740 - 04.11 | 1:2,500 @ A1 |
| DRAWN BY: JOB | CHECKED BY: AC | DATE: 06.10.2026 |
| OS SHEET No. | 6068, 6069, 6070, 6113, 6114, 6115, 6159, 6160, 6161, 6206, 6207, 6208 | REVISION: P01 |

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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
- 110kV Electrical Cable Trench
- 110kV Joint Bay/Comms Chamber
  Refer to DWG 240740 - SK - for details
- Watercourses

N

PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**Site Layout Plan Sheet 12 of 14**

| PROJECT No. | DRAWING No. | SCALE: |
|---|---|---|
| 240740 | 240740 - 04.12 | 1:2,500 @ A1 |

| DRAWN BY: | CHECKED BY: | DATE: | REVISION: |
|---|---|---|---|
| JOB | AC | 06.10.2026 | P01 |

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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 New Roads
- 110kV Electrical Cable Trench
- 110kV Joint Bay/Comms Chamber (Refer to DWG 240740 - 54 - for details)
- Linear Loss
- Cut
- Fill
- Watercourses

17.5m
7.4m
4.5m
25.9m
6.2m
8.4m
9.2m
Joint Bay 11
2.2m
7.3m
3.6m
5m
5.7m
Joint Bay 10
3m
3.9m
4.4m
Joint Bay 09
4.3m
2.2m

N

PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**Site Layout Plan**
**Sheet 13 of 14**

| PROJECT No. | DRAWING No. | SCALE |
|---|---|---|
| 240740 | 240740 - 04.13 | 1:2,500 @ A1 |

| DRAWN BY: | CHECKED BY: | DATE: | REVISION: |
|---|---|---|---|
| JOB | AC | 06.10.2026 | P01 |

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Proposed 220kV
Loop-in Substation
Refer to DWG
240740-43

6.8m

14.9m

10m

10m

Construction Compound
Refer to DWG
240740-39

Joint Bay 13

39.3m

20.2m

201.9m

146.9m

42.4m

Joint Bay 12

17.5m

7.4m

4.5m

25.9m

6.2m

8.4m

9.2m

2.2m

4.3m

Joint Bay 09

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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 New Roads
- 220kV Cable Service Track
- Construction Compound
- 110kV Electrical Cable Trench
- 220kV Electrical Cable Trench
- Existing 38kV OHL to be Undergrounded
- 110kV Joint Bay/Comms Chamber (Refer to DWG 240740 - 04 - 14 for details)
- Proposed 220kV End Mast
- Cut
- Fill
- Watercourses
- Linear Loss
- Proposed Replanting
- Proposed Screen Planting

N

PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**Site Layout Plan**
**Sheet 14 of 14**

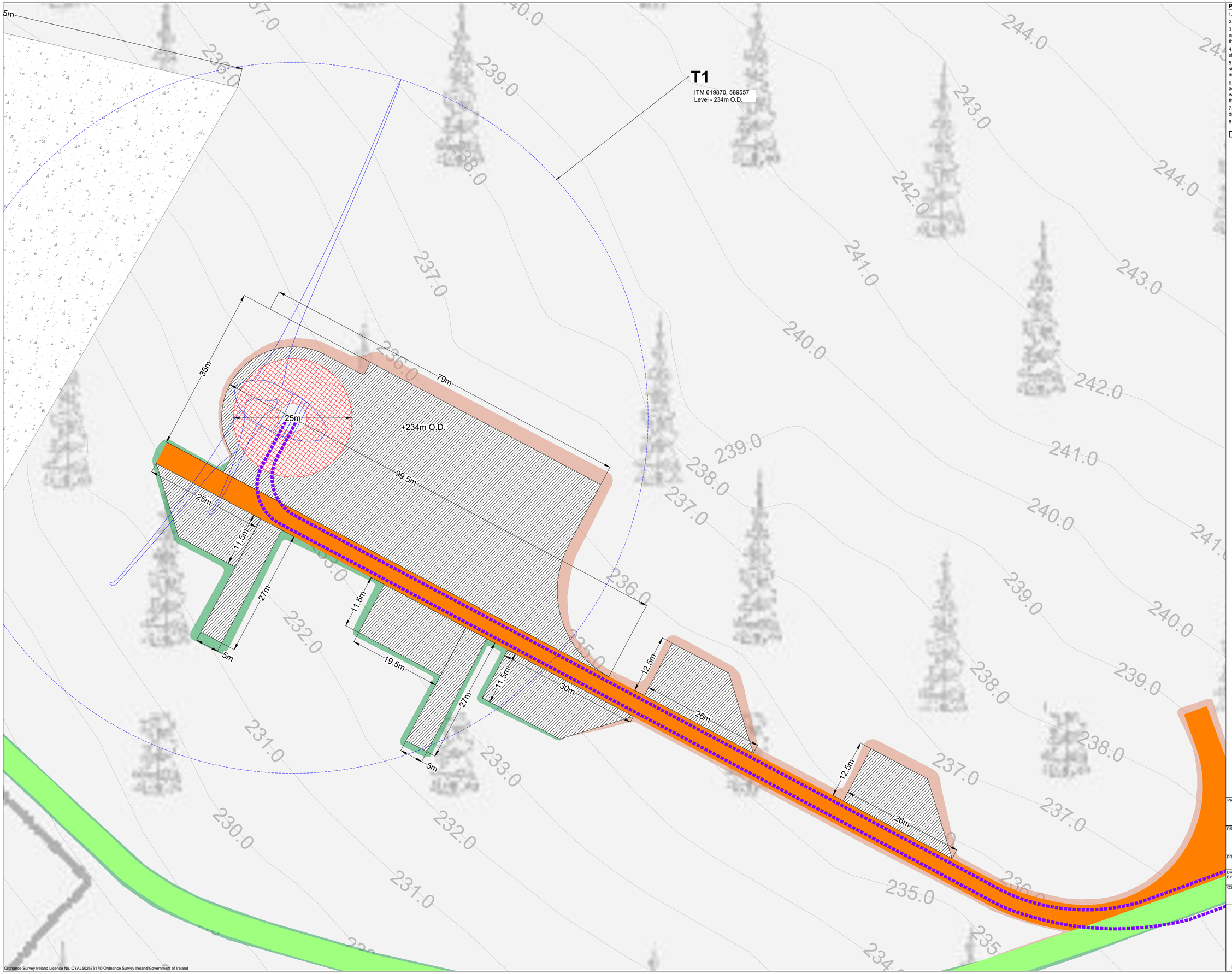
| PROJECT No.: | DRAWING No.: | SCALE: |
|---|---|---|
| 240740 | 240740 - 04.14 | 1:2,500 @ A1 |

| DRAWN BY: | CHECKED BY: | DATE: | REVISION: |
|---|---|---|---|
| JOB | AC | 06.10.2026 | P01 |

OS SHEET No:
6068, 6069, 6070, 6113, 6114, 6115, 6159, 6160, 6161, 6206, 6207, 6208

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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

- Existing Road to be Upgraded
- Proposed New Roads
- Hardstand
- Turbine Foundation
- 175m Tip Height Turbine (Refer to DWG 240740 - 28 - for details)
- Borrow Pit
- 33kV Electrical Cable Trench
- Cut
- Fill

N

PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**Turbine 1 Layout**

| PROJECT No.: | DRAWING No.: | SCALE: |
|---|---|---|
| 240740 | 240740 - 05 | 1:500 @ A2 |

| DRAWN BY: | CHECKED BY: | DATE: | REVISION.: |
|---|---|---|---|
| JOB | AC | 06.10.2026 | P01 |

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**T2**
ITM 620325, 589626
Level - 245.5m O.D.

+245.5m O.D.

35m
25m
11.5m
5m
27m
11.5m
19.5m
5m
27m
11.5m
30m
12.5m
26m
12.5m
26m
25m
99.5m
79m

244.0
245.0
245.0
245.0
245.0
244.0
243.0
242.0

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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

- Existing Road to be Upgraded
- Proposed New Roads
- Hardstand
- Turbine Foundation
- 175m Tip Height Turbine
  Refer to DWG 240740 - 28 - for details
- 33kV Electrical Cable Trench
- Cut
- Fill

N

PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**Turbine 2 Layout**

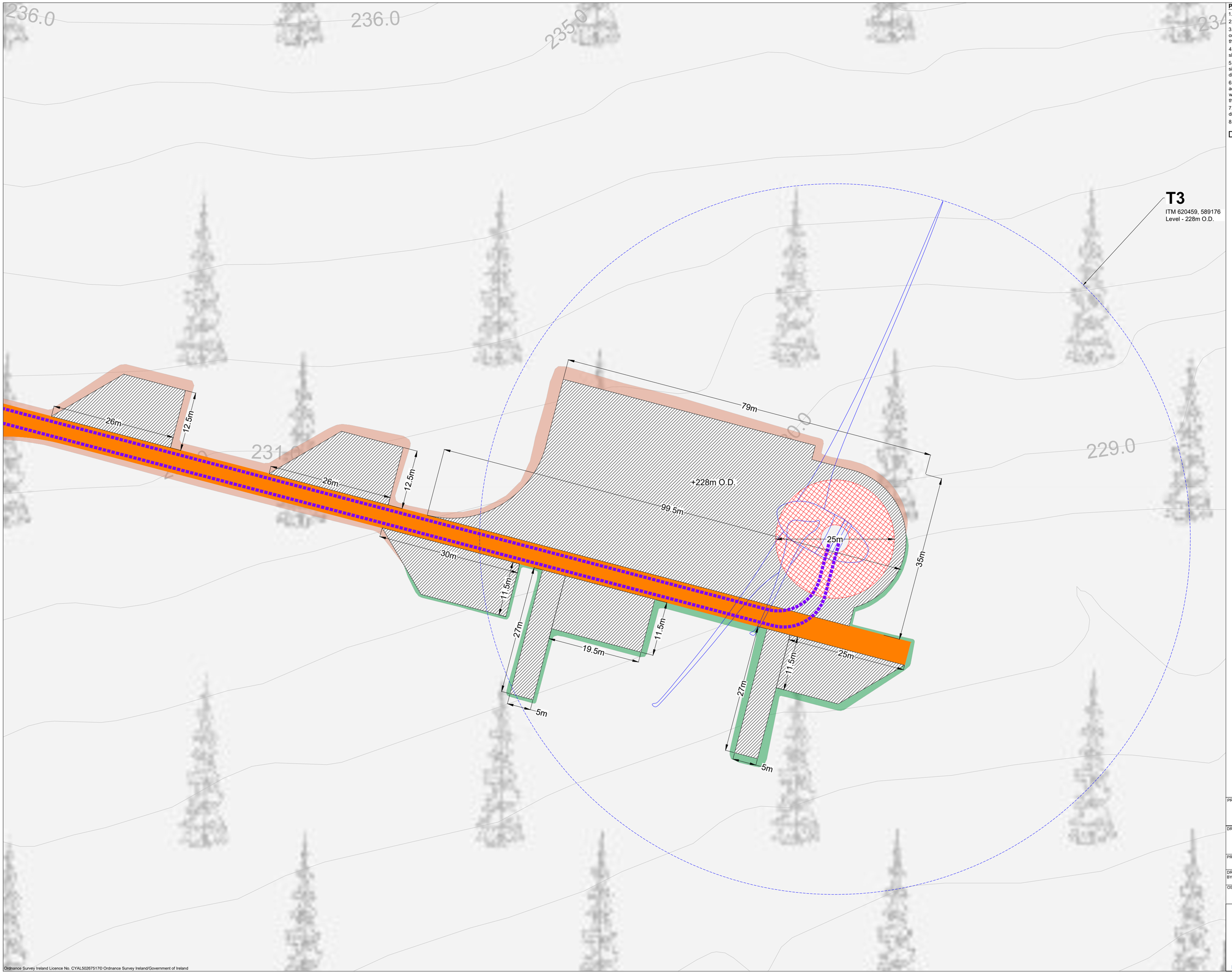
| PROJECT No.: | DRAWING No.: | SCALE: |
|---|---|---|
| 240740 | 240740 - 06 | 1:500 @ A2 |

| DRAWN BY: | CHECKED BY: | DATE: | REVISION: |
|---|---|---|---|
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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 New Roads
- Hardstand
- Turbine Foundation
- 175m Tip Height Turbine
  Refer to DWG 240740 - 28 - for details
- 33kV Electrical Cable Trench
- Cut
- Fill

N

PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**Turbine 3 Layout**

| PROJECT No.: | DRAWING No.: | SCALE: |
|---|---|---|
| 240740 | 240740 - 07 | 1:500 @ A2 |

| DRAWN BY: | CHECKED BY: | DATE: | REVISION.: |
|---|---|---|---|
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**T4**

ITM 620938, 589327
Level - 236m O.D.

79m
35m
25m
+236m O.D
99.5m
25m
11.5m
27m
5m
11.5m
19.5m
27m
5m
11.5m
30m
12.5m
26.5m
12.5m
26m

237.0
236.0
235.0
235.0
234.0
234.0
234.0
233

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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 New Roads
- Hardstand
- Turbine Foundation
- 175m Tip Height Turbine
  Refer to DWG 240740 - 28 - for details
- 33kV Electrical Cable Trench
- Cut
- Fill

N

PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**Turbine 4 Layout**

| PROJECT No.: | DRAWING No.: | SCALE: |
|---|---|---|
| 240740 | 240740 - 08 | 1:500 @ A2 |

| DRAWN BY: | CHECKED BY: | DATE: | REVISION.: |
|---|---|---|---|
| JOB | AC | 06.10.2026 | P01 |

OS SHEET No.: 6068, 6069, 6070, 6113, 6114, 6115, 6159, 6160, 6161, 6206, 6207, 6208

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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

- Existing Road to be Upgraded
- Proposed New Roads
- Hardstand
- Turbine Foundation
- 175m Tip Height Turbine
  Refer to DWG 240740 - 28 - for details
- 33kV Electrical Cable Trench
- Cut
- Fill

**T5**
ITM 621227, 589009
Level - 226.5m O.D.

230.0
229.0
228.0
228.0
225.0

5m
27m
19.5m
11.5m
30m
26m
12.5m
26m
12.5m
5m
27m
11.5m
25m
+226.5m O.D.
99.5m
25m
35m
79m

N

PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**Turbine 5 Layout**

| PROJECT No.: | DRAWING No.: | SCALE: |
|---|---|---|
| 240740 | 240740 - 09 | 1:500 @ A2 |

| DRAWN BY: | CHECKED BY: | DATE: | REVISION.: |
|---|---|---|---|
| JOB | AC | 06.10.2026 | P01 |

OS SHEET No.: 6068, 6069, 6070, 6113, 6114, 6115, 6159, 6160, 6161, 6206, 6207, 6208

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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 New Roads
- Hardstand
- Turbine Foundation
- 175m Tip Height Turbine
  Refer to DWG 240740 - 28 - for details
- 33kV Electrical Cable Trench
- Cut
- Fill

**T6**
ITM 621717, 589023
Level - 201m O.D.

+201m O.D.

26m
12.5m
26m
12.5m
30m
11.5m
27m
5m
19.5m
11.5m
99.5m
79m
27m
5m
11.5m
25m
25m
35m
143.2m

N

PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**Turbine 6 Layout**

| PROJECT No.: | DRAWING No.: | SCALE: |
|---|---|---|
| 240740 | 240740 - 10 | 1:500 @ A2 |

| DRAWN BY: | CHECKED BY: | DATE: | REVISION.: |
|---|---|---|---|
| JOB | AC | 06.10.2026 | P01 |

OS SHEET No.: 6068, 6069, 6070, 6113, 6114, 6115, 6159, 6160, 6161, 6206, 6207, 6208

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**T7**
ITM 619339, 587736
Level - 190m O.D.

+190m O.D.

35m
79m
25m
25m
99.5m
11.5m
27m
11.5m
5m
19.5m
27m
11.5m
30m
12.5m
22.6m
6.2m
26.8m

186.0
186.0
182.0
182.0
184.0
183.0
185.0
184.0

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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 New Roads
- Hardstand
- Turbine Foundation
- 185m Tip Height Turbine
  Refer to DWG 240740 - 29 - for details
- 33kV Electrical Cable Trench
- Cut
- Fill

N

PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**Turbine 7 Layout**

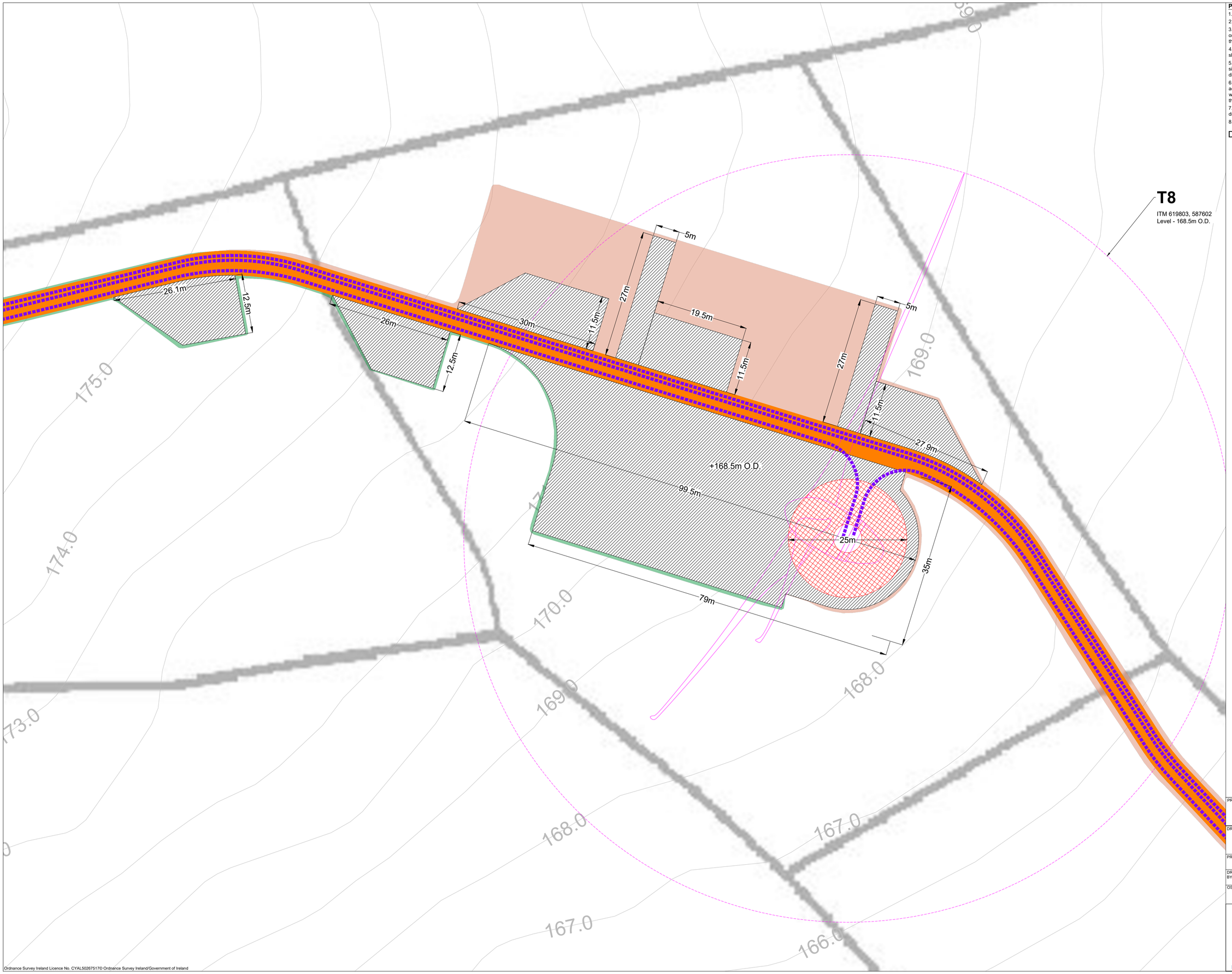
| PROJECT No.: | DRAWING No.: | SCALE: |
|---|---|---|
| 240740 | 240740 - 11 | 1:500 @ A2 |

| DRAWN BY: | CHECKED BY: | DATE: | REVISION.: |
|---|---|---|---|
| JOB | AC | 06.10.2026 | P01 |

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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 New Roads
- Hardstand
- Turbine Foundation
- 185m Tip Height Turbine
  Refer to DWG 240740 - 29 - for details
- 33kV Electrical Cable Trench
- Cut
- Fill

N

PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**Turbine 8 Layout**

| PROJECT No.: | DRAWING No.: | SCALE: |
|---|---|---|
| 240740 | 240740 - 12 | 1:500 @ A2 |

| DRAWN BY: | CHECKED BY: | DATE: | REVISION.: |
|---|---|---|---|
| JOB | AC | 06.10.2026 | P01 |

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**T9**
ITM 620382, 587597
Level - 154m O.D.

+154m O.D.

79m
35m
25m
99.5m
25m
11.5m
27m
11.5m
19.5m
11.5m
27m
30m
5m
5m
12.5m
26m
12.6m
26m
32.2m

160.0
159.0
159.0
158.0
158.0
157.0
157.0
156.0
156.0
155.0
155.0
154.0
153.0
152.0
151.0
150.0

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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 New Roads
- Hardstand
- Turbine Foundation
- 185m Tip Height Turbine
  Refer to DWG 240740 - 29 - for details
- 33kV Electrical Cable Trench
- Cut
- Fill

N

PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**Turbine 9 Layout**

| PROJECT No.: | DRAWING No.: | SCALE: |
|---|---|---|
| 240740 | 240740 - 13 | 1:500 @ A2 |

| DRAWN BY: | CHECKED BY: | DATE: | REVISION.: |
|---|---|---|---|
| JOB | AC | 06.10.2026 | P01 |

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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 New Roads
- Hardstand
- Turbine Foundation
- 185m Tip Height Turbine
  Refer to DWG 240740 - 29 - for details
- 33kV Electrical Cable Trench
- Cut
- Fill
- Security Gate

N

PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**Turbine 10 Layout**

| PROJECT No.: | DRAWING No.: | SCALE: |
|---|---|---|
| 240740 | 240740 - 14 | 1:500 @ A2 |

| DRAWN BY: | CHECKED BY: | DATE: | REVISION.: |
|---|---|---|---|
| JOB | AC | 06.10.2026 | P01 |

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**T11**
ITM 621314, 587391
Level - 141.5m O.D.

+141.5m O.D.

35m
25m
5m
11.5m
27m
25m
11.5m
19.5m
5m
27m
11.5m
30m
99.5m
79m
12.5m
26m
12.5m
26m

145.0
142.0
141.0
142.0
141.0
140.0
140.0

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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

- Existing Road to be Upgraded
- Proposed New Roads
- Hardstand
- Turbine Foundation
- 185m Tip Height Turbine
  Refer to DWG 240740 - 29 - for details
- 33kV Electrical Cable Trench
- Cut
- Fill

N

PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**Turbine 11 Layout**

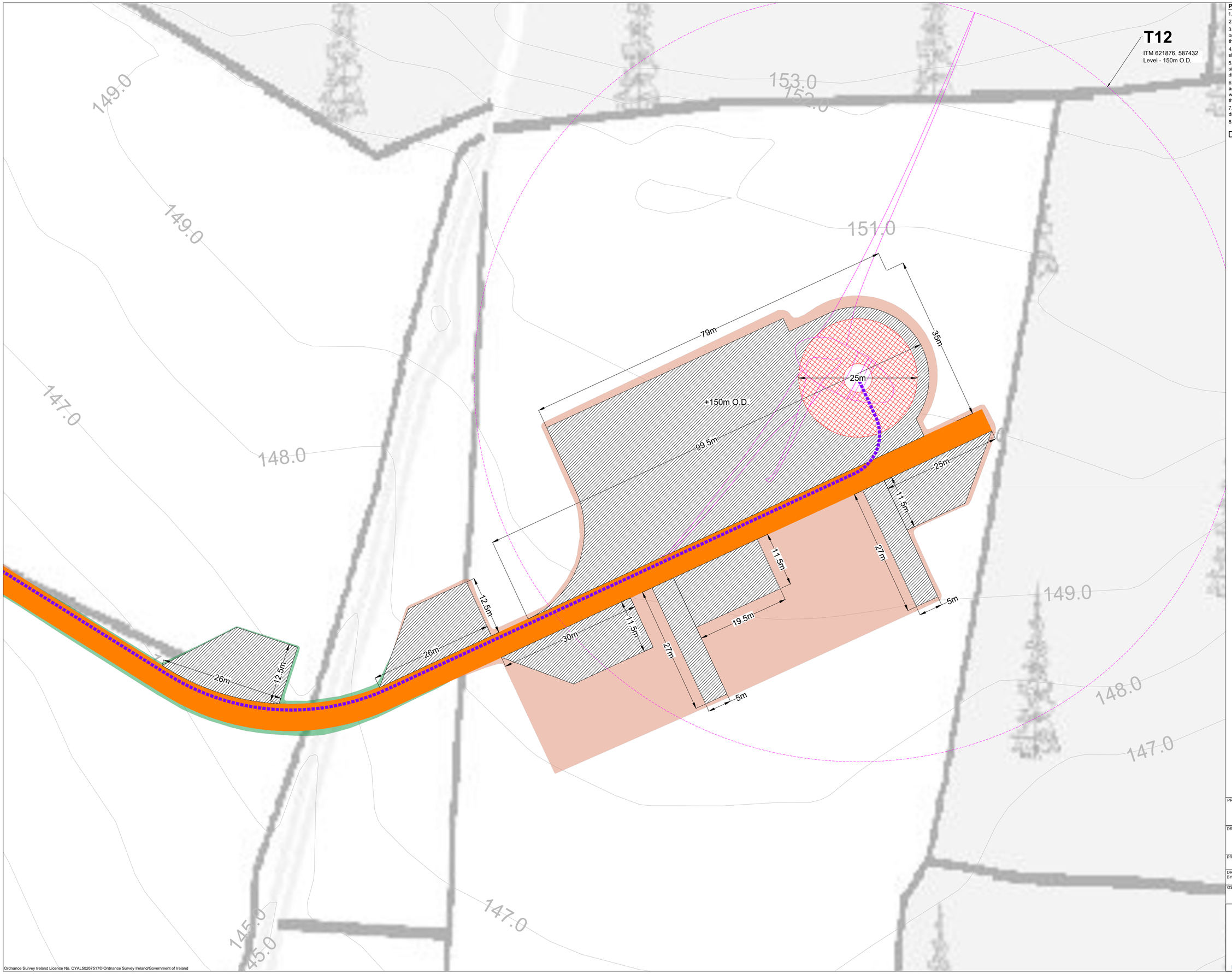
| PROJECT No.: | DRAWING No.: | SCALE: |
|---|---|---|
| 240740 | 240740 - 15 | 1:500 @ A2 |

| DRAWN BY: | CHECKED BY: | DATE: | REVISION.: |
|---|---|---|---|
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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 New Roads
- Hardstand
- Turbine Foundation
- 185m Tip Height Turbine
  Refer to DWG 240740 - 29 - for details
- 33kV Electrical Cable Trench
- Cut
- Fill

N

PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**Turbine 12 Layout**

| PROJECT No.: | DRAWING No.: | SCALE: |
|---|---|---|
| 240740 | 240740 - 16 | 1:500 @ A2 |

| DRAWN BY: | CHECKED BY: | DATE: | REVISION: |
|---|---|---|---|
| JOB | AC | 06.10.2026 | P01 |

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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

- Existing Road to be Upgraded
- Proposed New Roads
- Hardstand
- Turbine Foundation
- 175m Tip Height Turbine (Refer to DWG 240740 - 28 - for details)
- 33kV Electrical Cable Trench
- Cut
- Fill

N

PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**Turbine 13 Layout**

| PROJECT No.: | DRAWING No.: | SCALE: |
|---|---|---|
| 240740 | 240740 - 17 | 1:500 @ A2 |

| DRAWN BY: | CHECKED BY: | DATE: | REVISION.: |
|---|---|---|---|
| JOB | AC | 06.10.2026 | P01 |

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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 New Roads
- Hardstand
- Turbine Foundation
- 175m Tip Height Turbine
  Refer to DWG 240740 - 28 - for details
- 33kV Electrical Cable Trench
- Cut
- Fill
- Security Gate

PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**Turbine 14 Layout**

| PROJECT No.: | DRAWING No.: | SCALE: |
|---|---|---|
| 240740 | 240740 - 18 | 1:500 @ A2 |

| DRAWN BY: | CHECKED BY: | DATE: | REVISION.: |
|---|---|---|---|
| JOB | AC | 06.10.2026 | P01 |

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# T15

ITM 618908, 587147
Level - 200m 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

- Existing Road to be Upgraded
- Proposed New Roads
- Hardstand
- Turbine Foundation
- 175m Tip Height Turbine — Refer to DWG 240740 - 28 - for details
- 33kV Electrical Cable Trench
- Security Cabin — Refer to DWG 240740 - 51.1 - for details
- Cut
- Fill

N

PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**Turbine 15 Layout**

| PROJECT No.: | DRAWING No.: | SCALE: |
|---|---|---|
| 240740 | 240740 - 19 | 1:500 @ A2 |

| DRAWN BY: | CHECKED BY: | DATE: | REVISION.: |
|---|---|---|---|
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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 New Roads
- Hardstand
- Turbine Foundation
- 175m Tip Height Turbine (Refer to DWG 240740 - 28 - for details)
- 33kV Electrical Cable Trench
- Cut
- Fill
- Security Gate

**T16**
ITM 619106, 586747
Level - 188m O.D.

+188m O.D.

26m
12.5m
26m
12.5m
30m
11.5m
27m
5m
19.5m
11.5m
99.5m
27m
5m
11.5m
24.8m
79m
25m
35m

199.0
200.0
202.0
195.0
194.0
193.0
192.0
191.0
186.0
185.0
184.0

N

PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**Turbine 16 Layout**

| PROJECT No.: | DRAWING No.: | SCALE: |
|---|---|---|
| 240740 | 240740 - 20 | 1:500 @ A2 |

| DRAWN BY: | CHECKED BY: | DATE: | REVISION: |
|---|---|---|---|
| JOB | AC | 06.10.2026 | P01 |

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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 New Roads
- Hardstand
- Turbine Foundation
- 175m Tip Height Turbine
  Refer to DWG 240740 - 28 - for details
- 33kV Electrical Cable Trench
- Cut
- Fill

26m
12.5m
+173m O.D.
99.5m
25m
35m
11.5m
29m
19.5m
11.5m
27m
5m
25m
11.5m
27m
5m

**T17**
ITM 619562, 586713
Level - 173m O.D.

N

PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**Turbine 17 Layout**

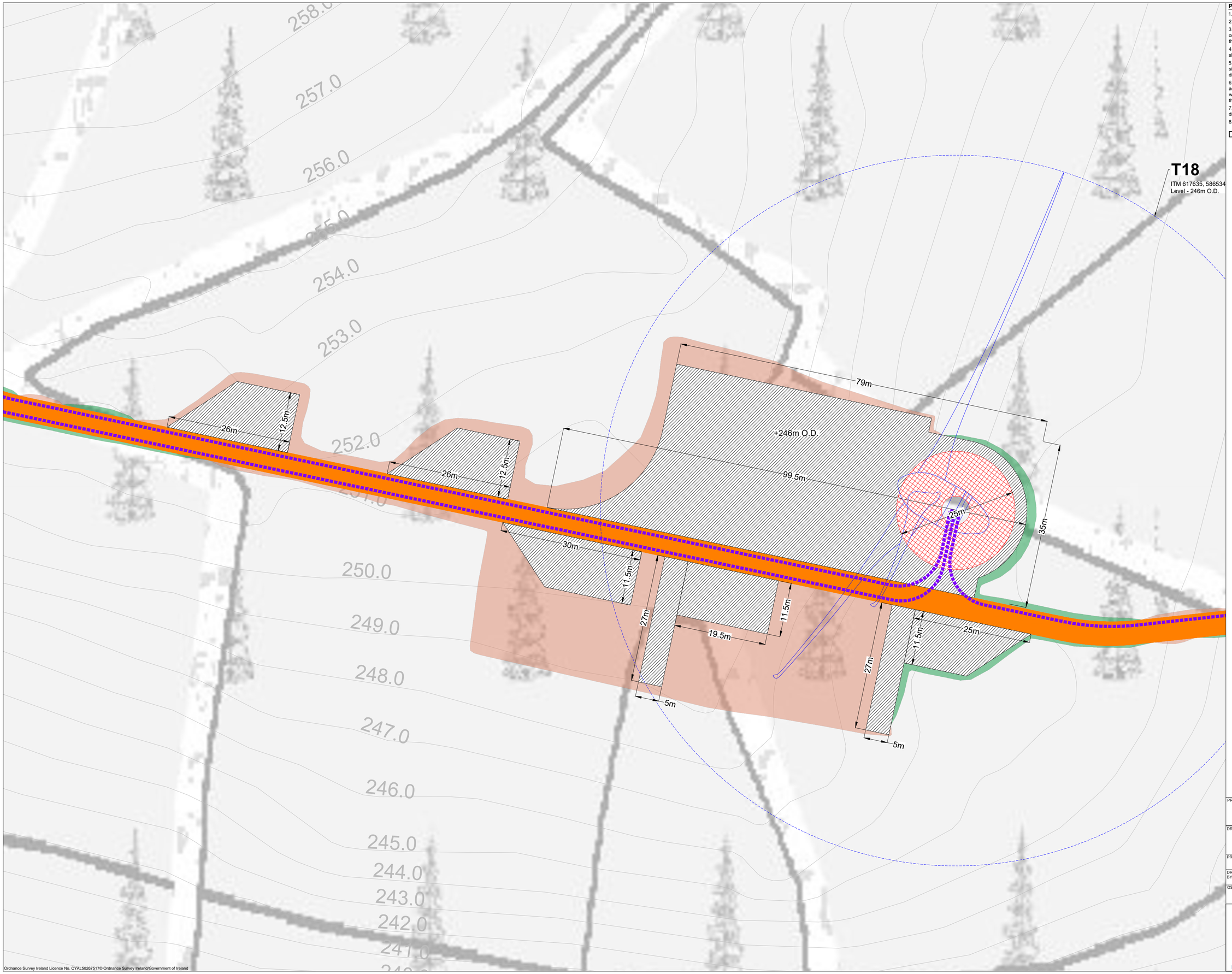
| PROJECT No.: | DRAWING No.: | SCALE: |
|---|---|---|
| 240740 | 240740 - 21 | 1:500 @ A2 |

| DRAWN BY: | CHECKED BY: | DATE: | REVISION.: |
|---|---|---|---|
| JOB | AC | 06.10.2026 | P01 |

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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 New Roads
- Hardstand
- Turbine Foundation
- 175m Tip Height Turbine
  Refer to DWG 240740 - 28 - for details
- 33kV Electrical Cable Trench
- Cut
- Fill

N

PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**Turbine 18 Layout**

| PROJECT No.: | DRAWING No.: | SCALE: |
|---|---|---|
| 240740 | 240740 - 22 | 1:500 @ A2 |

| DRAWN BY: | CHECKED BY: | DATE: | REVISION.: |
|---|---|---|---|
| JOB | AC | 06.10.2026 | P01 |

OS SHEET No.: 6068, 6069, 6070, 6113, 6114, 6115, 6159, 6160, 6161, 6206, 6207, 6208

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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 New Roads
- Hardstand
- Turbine Foundation
- 175m Tip Height Turbine
  Refer to DWG 240740 - 28 - for details
- 33kV Electrical Cable Trench
- Cut
- Fill

**T19**
ITM 618079, 586508
Level - 220m O.D.

+220m O.D.

79m
35m
25m
99.5m
25m
11.5m
27m
11.5m
19.5m
5m
26m
12.5m
26m
12.5m
30m
11.5m
27m
5m

227.0 227.0
226.0
225.0
226.0 226.0 226.0
224.0
223.0

N

PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**Turbine 19 Layout**

| PROJECT No.: | DRAWING No.: | SCALE: |
|---|---|---|
| 240740 | 240740 - 23 | 1:500 @ A2 |

| DRAWN BY: | CHECKED BY: | DATE: | REVISION.: |
|---|---|---|---|
| JOB | AC | 06.10.2026 | P01 |

OS SHEET No.: 6068, 6069, 6070, 6113, 6114, 6115, 6159, 6160, 6161, 6206, 6207, 6208

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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 New Roads
- Hardstand
- Turbine Foundation
- 175m Tip Height Turbine
  Refer to DWG 240740 - 28 - for details
- 33kV Electrical Cable Trench
- Cut
- Fill
- Security Gate

+196m O.D.

79m
99.5m
35m
25m
26m
12.5m
26m
12.5m
30m
11.5m
27m
19.5m
11.5m
25m
11.5m
27m
5m
5m

207.0
206.0
205.0
204.0
203.0
202.0
201.0
200.0
199.0
198.0
197.0
196.0
195.0
194.0
193.0
192.0

**T20**
ITM 618468, 586358
Level - 196m O.D.

N

PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**Turbine 20 Layout**

| PROJECT No.: | DRAWING No.: | SCALE: |
|---|---|---|
| 240740 | 240740 - 24 | 1:500 @ A2 |

| DRAWN BY: | CHECKED BY: | DATE: | REVISION.: |
|---|---|---|---|
| JOB | AC | 06.10.2026 | P01 |

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**T21**

ITM 617920, 586003
Level - 189.5m O.D.

+189.5m
O.D.

79m
99.5m
35.4m
25m
12.5m
26m
12.5m
26m
25m
11.5m
27m
5m
11.5m
19.5m
30m
11.5m
27m
5m

196.0
195.0
194.0
193.0
192.0
187.0
186.0
185.0
184.0
183.0
182.0
181.0

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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

- Existing Road to be Upgraded
- Proposed New Roads
- Hardstand
- Turbine Foundation
- 175m Tip Height Turbine
  Refer to DWG 240740 - 28 - for details
- 33kV Electrical Cable Trench
- Cut
- Fill

N

PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

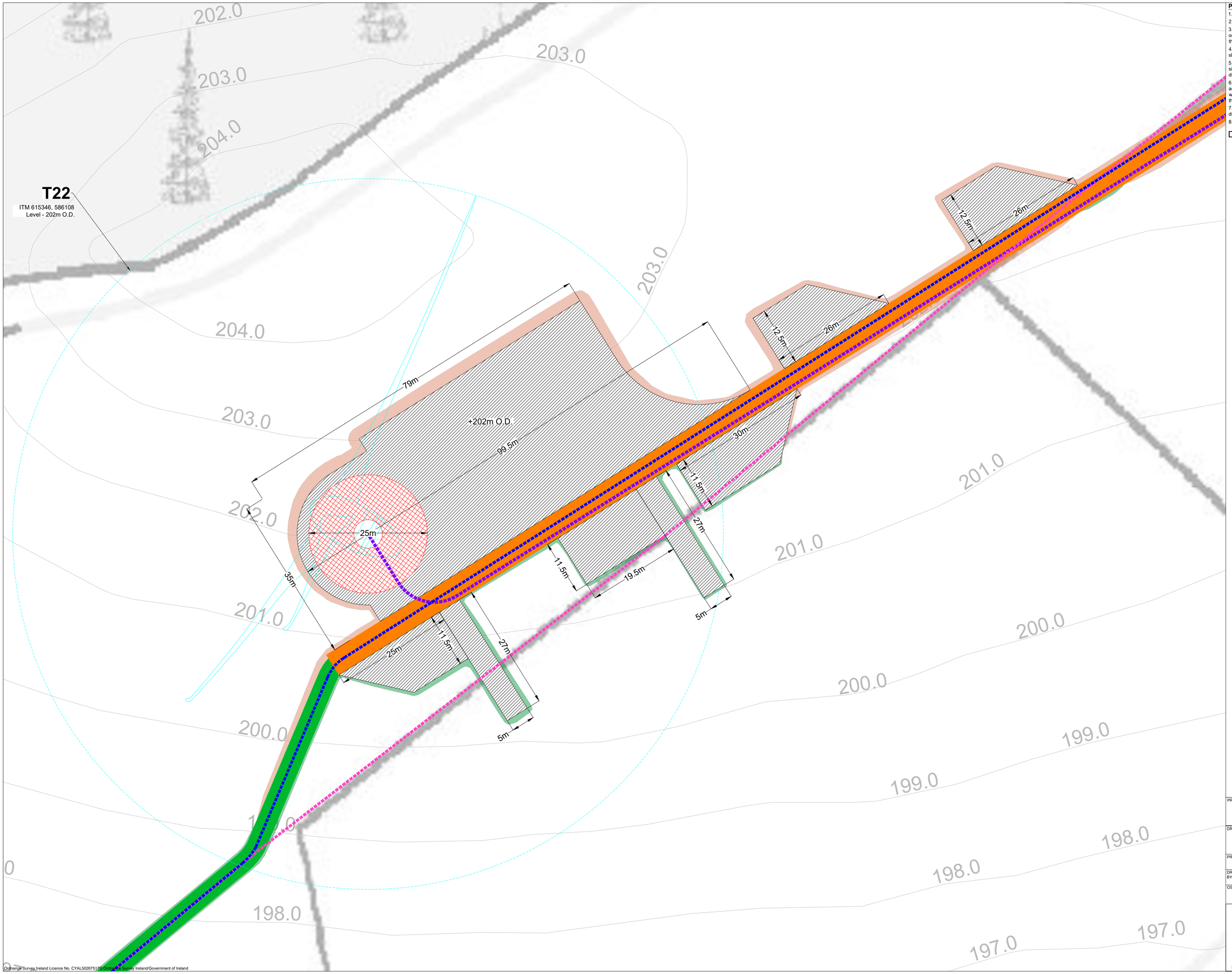
DRAWING TITLE:
**Turbine 21 Layout**

| PROJECT No.: | DRAWING No.: | SCALE: |
|---|---|---|
| 240740 | 240740 - 25 | 1:500 @ A2 |

| DRAWN BY: | CHECKED BY: | DATE: | REVISION.: |
|---|---|---|---|
| JOB | AC | 06.10.2026 | P01 |

OS SHEET No.: 6068, 6069, 6070, 6113, 6114, 6115, 6159, 6160, 6161, 6206, 6207, 6208

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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 New Roads
- 38kV Cable Service Track
- Hardstand
- Turbine Foundation
- 170m Tip Height Turbine
  Refer to DWG 240740 - 30 - for details
- 33kV Electrical Cable Trench
- 38kV Electrical Cable Trench
- Existing 38kV OHL to be Undergrounded
- Cut
- Fill

N

PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

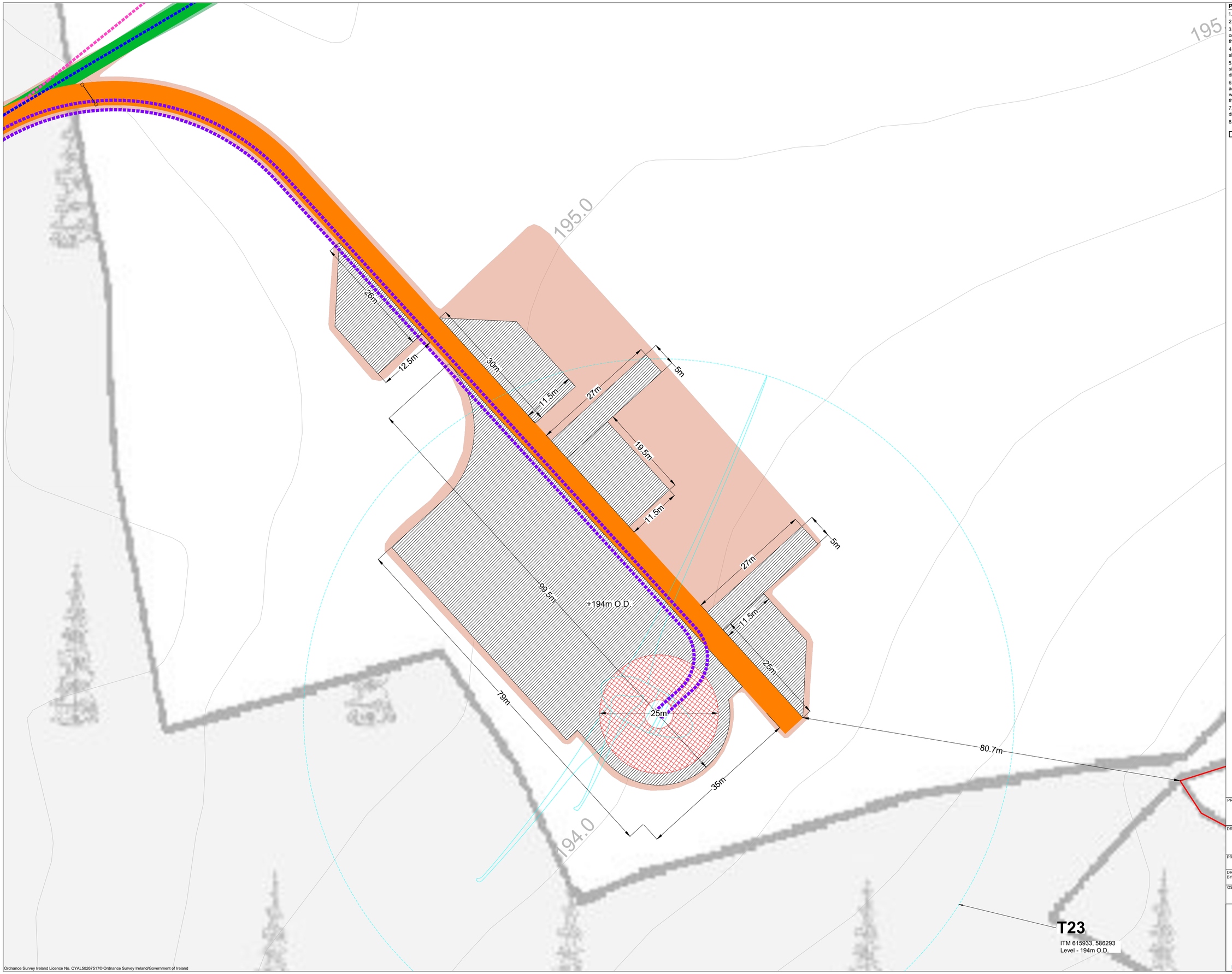
DRAWING TITLE:
**Turbine 22 Layout**

| PROJECT No.: | DRAWING No.: | SCALE: |
|---|---|---|
| 240740 | 240740 - 26 | 1:500 @ A2 |

| DRAWN BY: | CHECKED BY: | DATE: | REVISION.: |
|---|---|---|---|
| JOB | AC | 06.10.2026 | P01 |

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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 New Roads
- 38kV Cable Service Track
- Hardstand
- Turbine Foundation
- 170m Tip Height Turbine
  Refer to DWG 240740 - 30 - for details
- 33kV Electrical Cable Trench
- 38kV Electrical Cable Trench
- Existing 38kV OHL to be Undergrounded
- Cut
- Fill
- Security Gate

N

PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**Turbine 23 Layout**

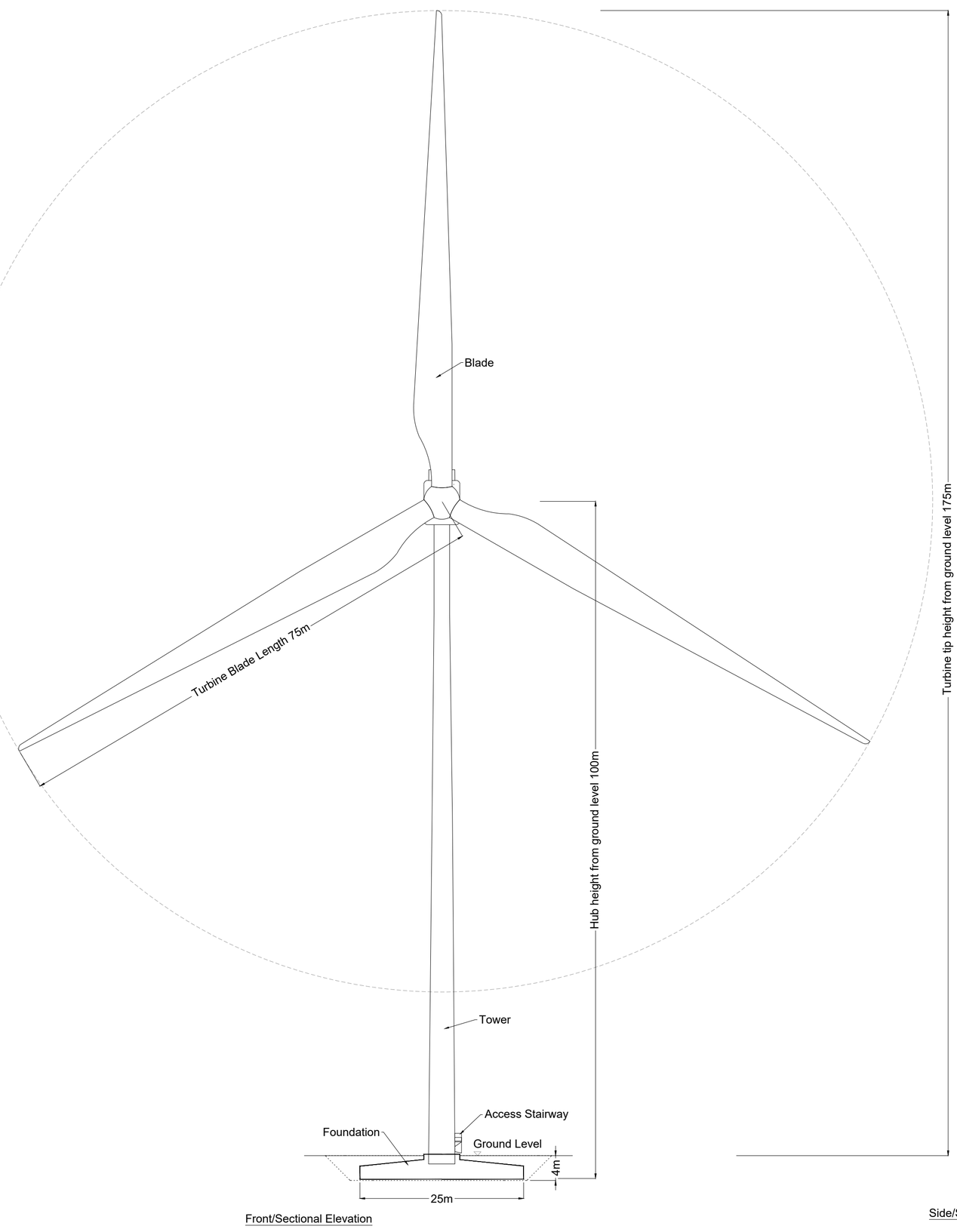
| PROJECT No.: | DRAWING No.: | SCALE: |
|---|---|---|
| 240740 | 240740 - 27 | 1:500 @ A2 |

| DRAWN BY: | CHECKED BY: | DATE: | REVISION.: |
|---|---|---|---|
| JOB | AC | 06.10.2026 | P01 |

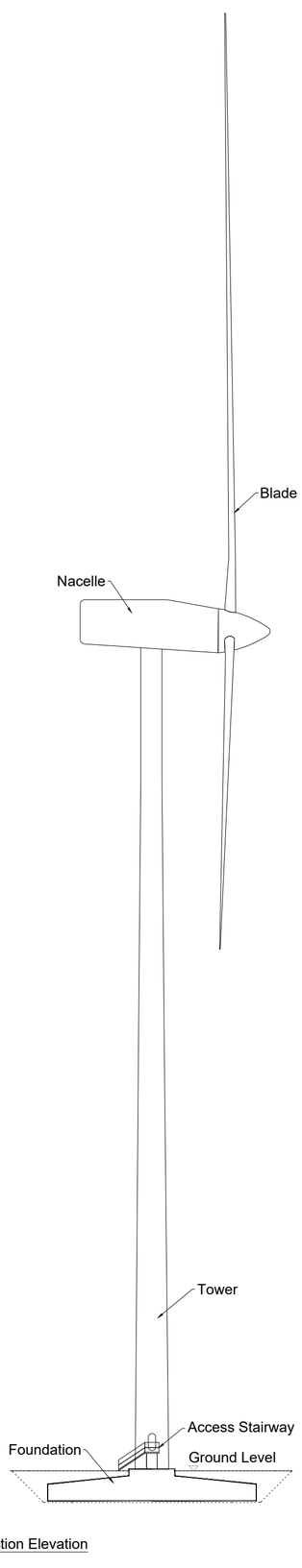
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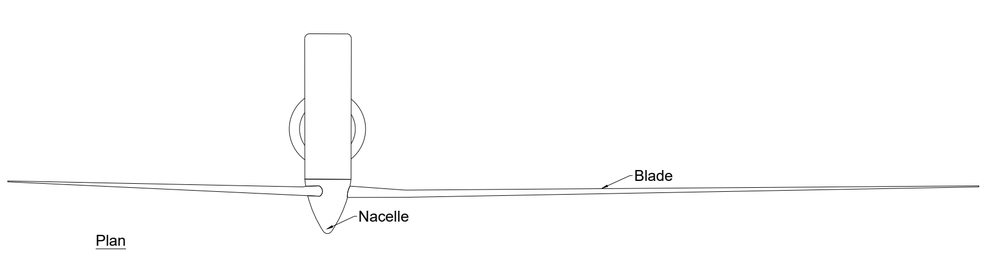
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Front/Sectional Elevation




Side/Section Elevation




Plan

**Drawing Notes**

1. Proposed wind turbines to have a maximum ground to blade tip height of 175m, blade length of 75m and hub height of 100m
2. Ground level represents the top of turbine foundation.

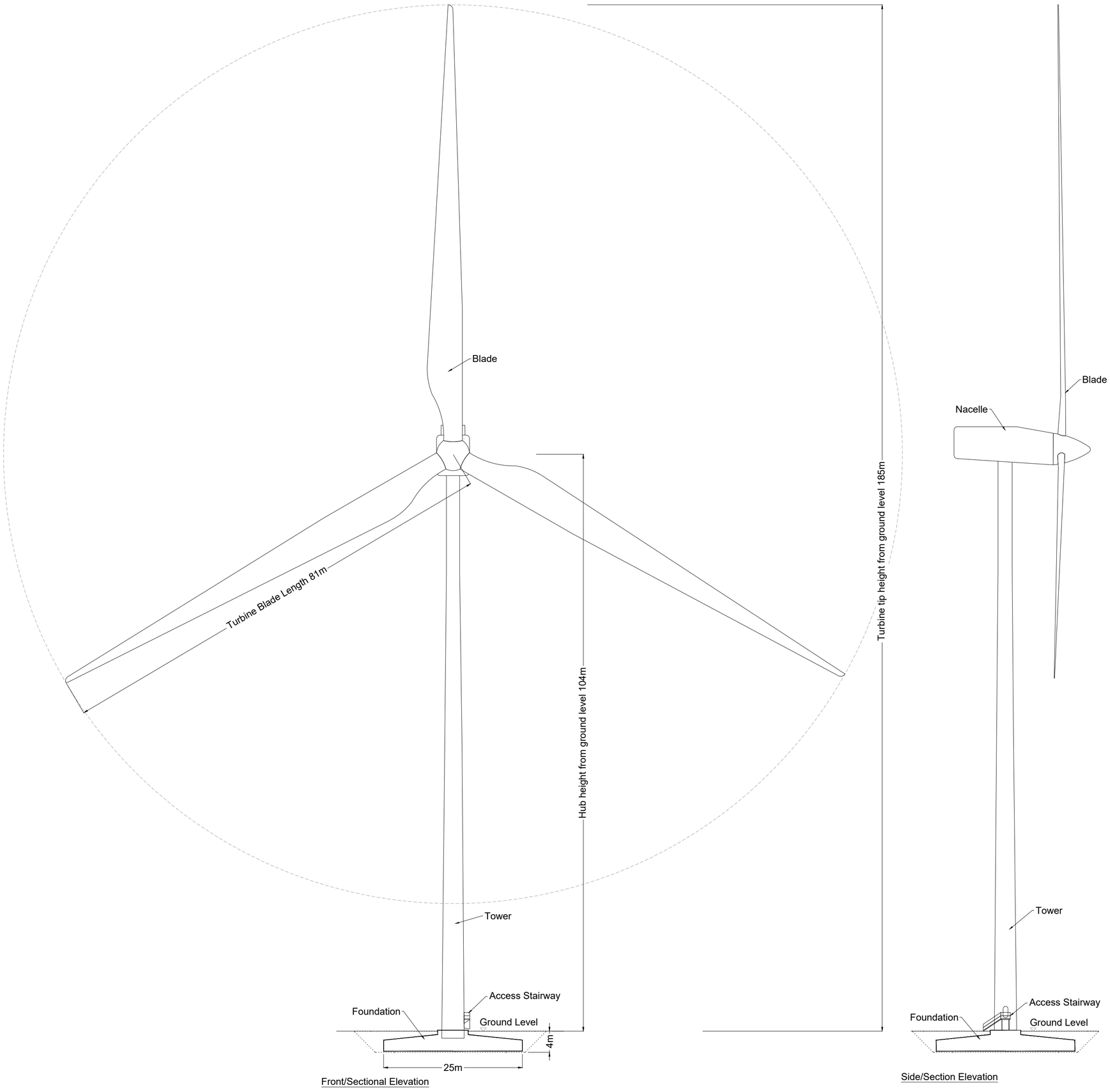
PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
# Wind Turbine Elevation & Plan (175m Tip Height)

| PROJECT No.: | DRAWING No.: | SCALE: |
|---|---|---|
| 240740 | 240740 - 28 | 1:500 @ A1 |

| DRAWN BY: | CHECKED BY: | DATE: | REVISION.: |
|---|---|---|---|
| JOB | AC | 06.10.2026 | P01 |

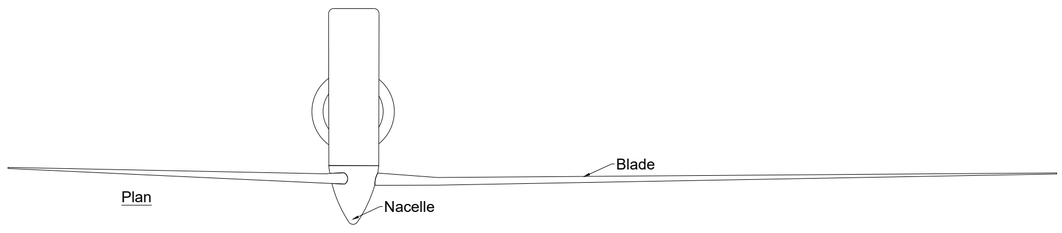
Email: info@www.mkoireland.ie /Website: www.mkoireland.ie




Front/Sectional Elevation




Side/Section Elevation




Plan

**Drawing Notes**

1. Proposed wind turbines to have a maximum ground to blade tip height of 185m, blade length of 81m and hub height of 104m
2. Ground level represents the top of turbine foundation.

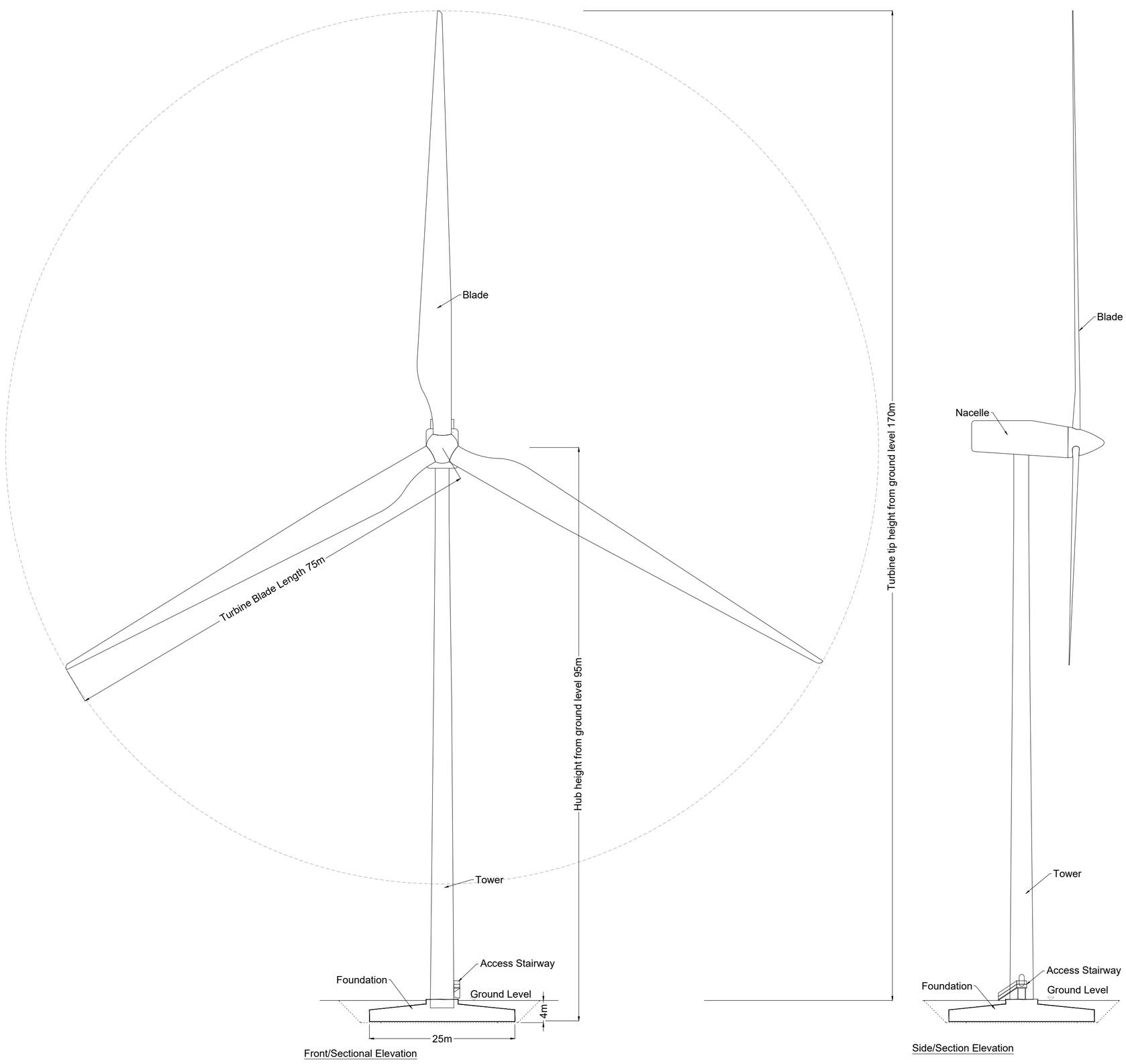
PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
# Wind Turbine Elevation & Plan (185m Tip Height)

| PROJECT No.: | DRAWING No.: | SCALE: |
|---|---|---|
| 240740 | 240740 - 29 | 1:500 @ A1 |

| DRAWN BY: | CHECKED BY: | DATE: | REVISION.: |
|---|---|---|---|
| JOB | AC | 06.10.2026 | P01 |

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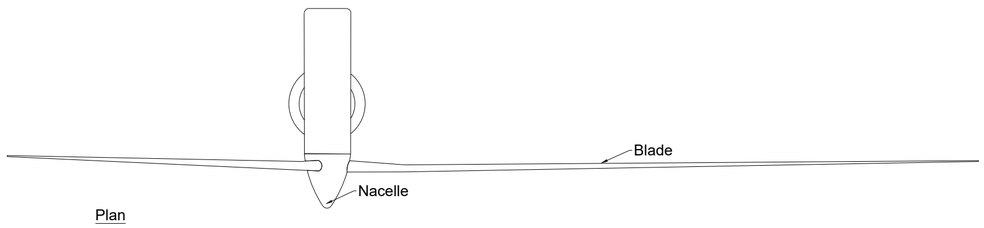

Front/Sectional Elevation







Side/Section Elevation




Plan

**Drawing Notes**

1. Proposed wind turbines to have a maximum ground to blade tip height of 170m, blade length of 75m and hub height of 95m
2. Ground level represents the top of turbine foundation.

PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

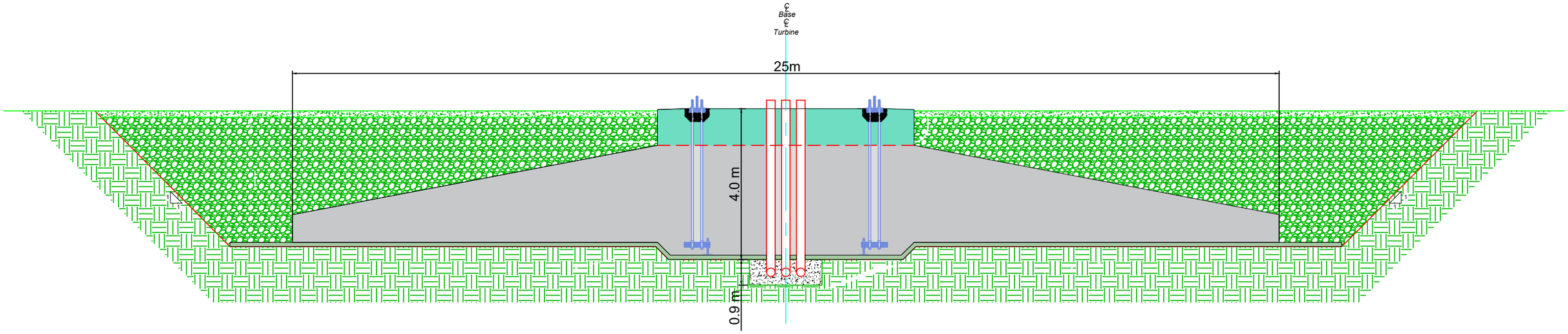
DRAWING TITLE:
# Wind Turbine Elevation & Plan (170m Tip Height)

| PROJECT No.: | DRAWING No.: | SCALE: |
|---|---|---|
| 240740 | 240740 - 30 | 1:500 @ A1 |

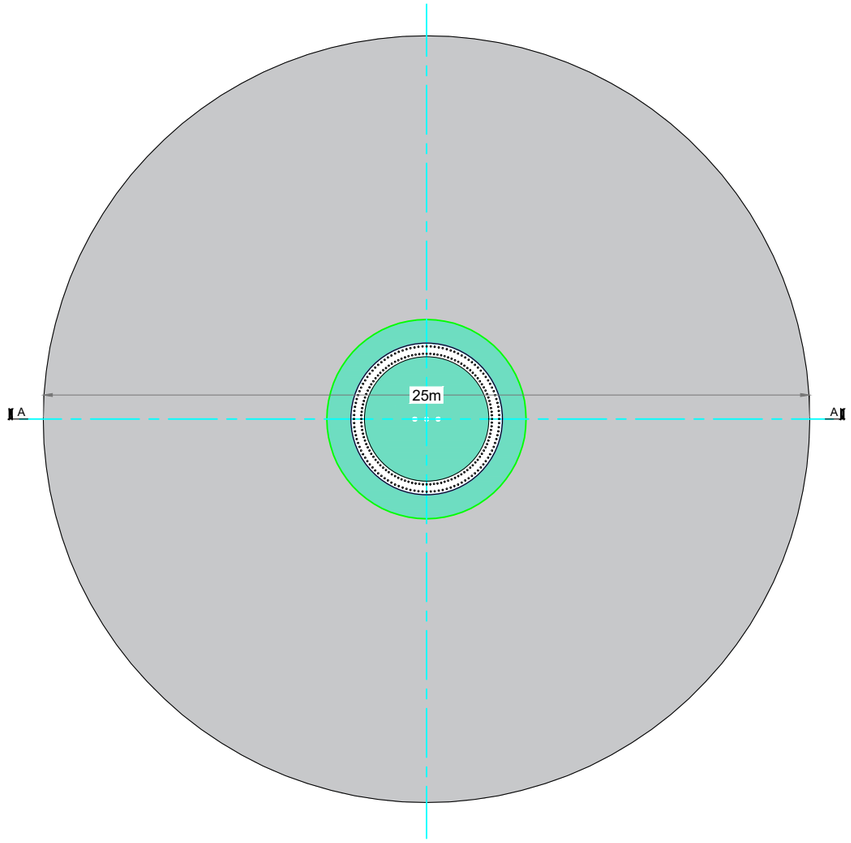
| DRAWN BY: | CHECKED BY: | DATE: | REVISION.: |
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Section A-A
Scale 1:100




Plan
Scale: 1:200



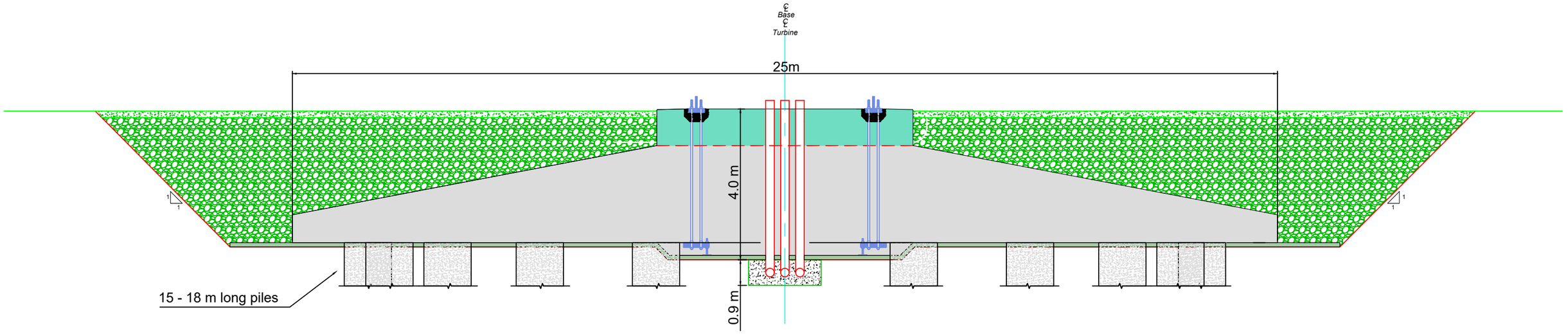

PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**Gravity Foundations Details**

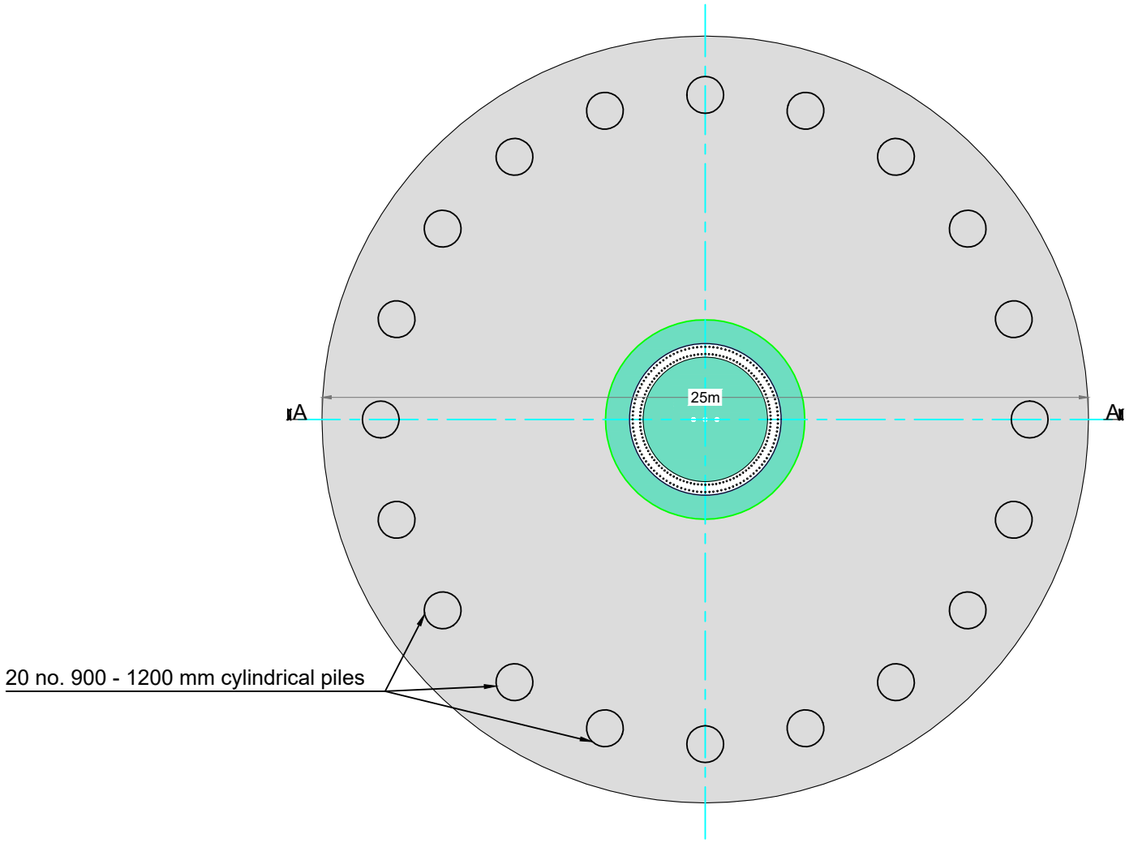
| PROJECT No.: | | DRAWING No.: | SCALE: |
|---|---|---|---|
| 240740 | | 240740 - 31 | As Shown @ A3 |
| DRAWN BY: JOB | CHECKED BY: AC | DATE: 06.10.2026 | REVISION.: P01 |

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Section A-A
Scale 1:100




Plan
Scale: 1:200



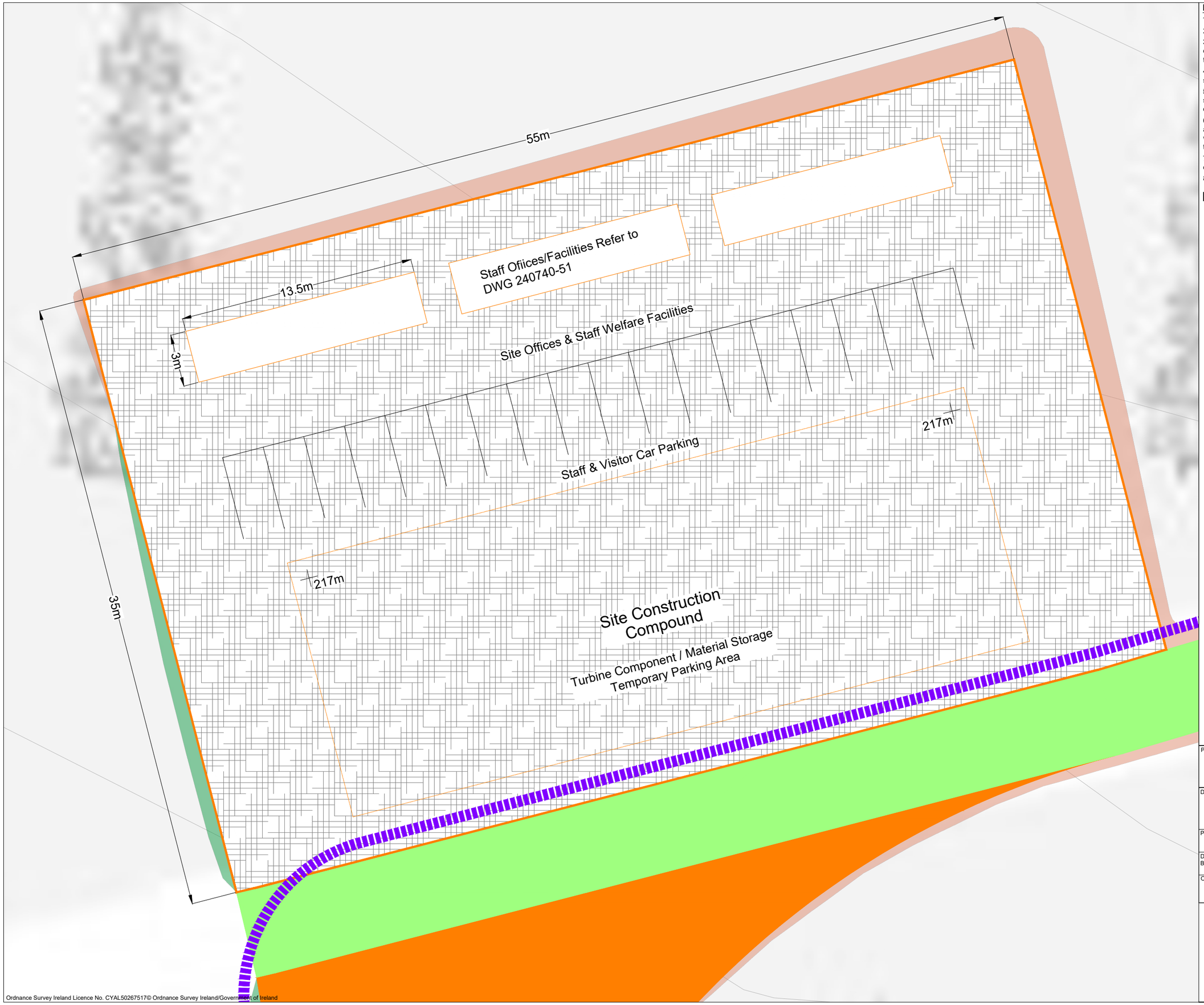

PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**Bored Pile Foundations Details**

| PROJECT No.: | DRAWING No.: | SCALE: |
|---|---|---|
| 240740 | 240740 - 32 | As Shown @ A3 |

| DRAWN BY: | CHECKED BY: | DATE: | REVISION.: |
|---|---|---|---|
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8. Final levels may vary depending on local ground conditions.

## Drawing Legend

- Existing Road to be Upgraded
- Proposed New Roads
- 33kV Electrical Cable Trench
- Cut
- Fill

N

PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**Construction Compound 1**

| PROJECT No.: | DRAWING No.: | SCALE: |
|---|---|---|
| 240740 | 240740 - 34 | 1:200 @ A3 |

| DRAWN BY: | CHECKED BY: | DATE: | REVISION.: |
|---|---|---|---|
| JOB | AC | 06.10.2026 | P01 |

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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

- Existing Road to be Upgraded
- Proposed New Roads
- Cut
- Fill

N

PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**Construction Compound 2**

| PROJECT No.: | DRAWING No.: | SCALE: |
|---|---|---|
| 240740 | 240740 - 35 | 1:250 @ A3 |

| DRAWN BY: | CHECKED BY: | DATE: | REVISION.: |
|---|---|---|---|
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Staff & Visitor Car Parking

Site Offices & Staff Welfare Facilities

Staff Ofiices/Facilities Refer to DWG 240740-51

Turbine Component / Material Storage Temporary Parking Area

Site Construction Compound

186m

186m

30m

3m

13.5m

64.3m

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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

- Existing Road to be Upgraded
- 33kV Electrical Cable Trench
- Cut
- Fill

N

PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

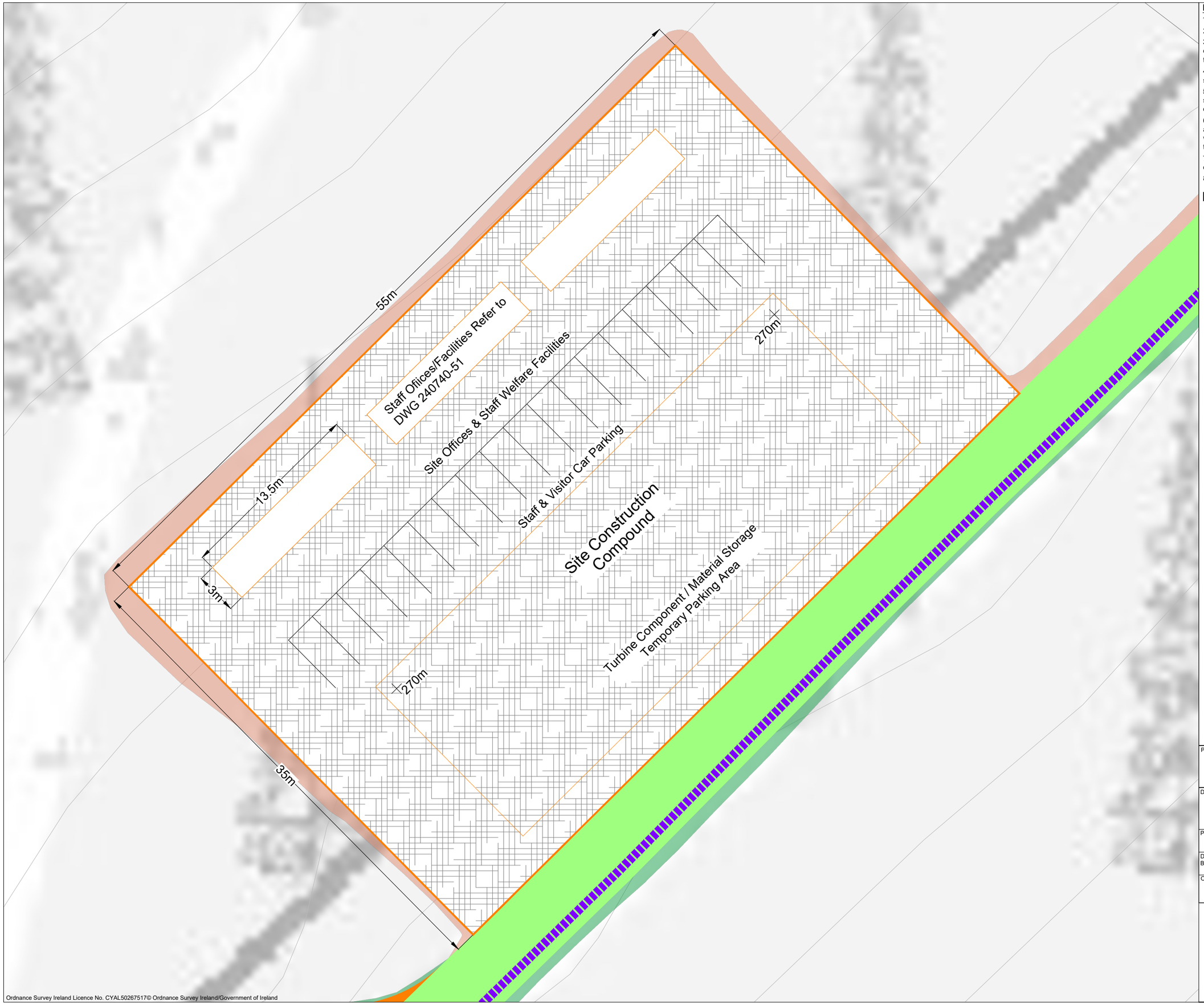
DRAWING TITLE:
**Construction Compound 3**

| PROJECT No.: | DRAWING No.: | SCALE: |
|---|---|---|
| 240740 | 240740 - 36 | 1:250 @ A3 |

| DRAWN BY: | CHECKED BY: | DATE: | REVISION.: |
|---|---|---|---|
| JOB | AC | 06.10.2026 | P01 |

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

## Drawing Legend

- Existing Road to be Upgraded
- Proposed New Roads
- 33kV Electrical Cable Trench
- Cut
- Fill

N

PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

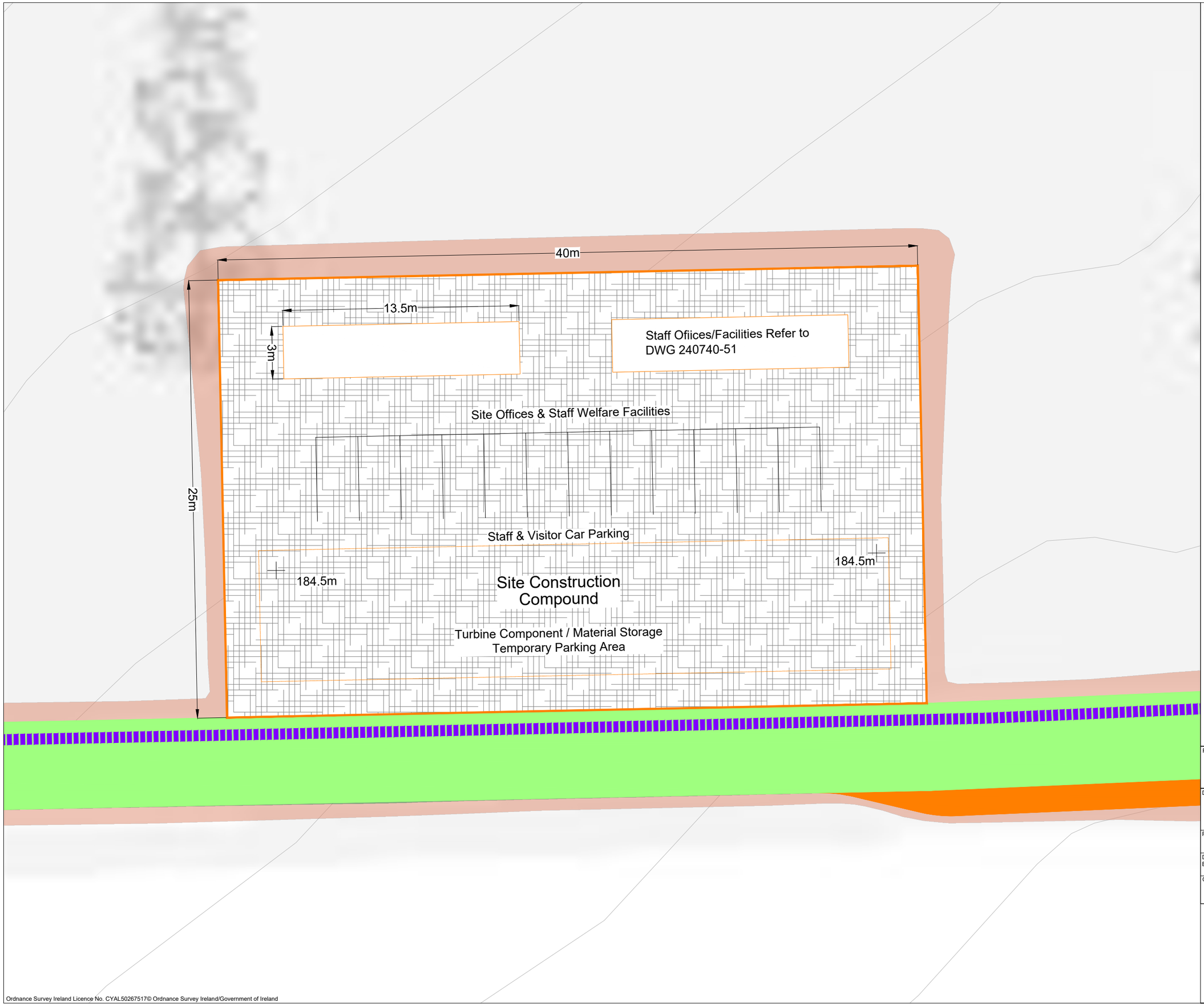
DRAWING TITLE:
**Construction Compound 4**

| PROJECT No.: | DRAWING No.: | SCALE: |
|---|---|---|
| 240740 | 240740 - 37 | 1:250 @ A3 |

| DRAWN BY: | CHECKED BY: | DATE: | REVISION.: |
|---|---|---|---|
| JOB | AC | 06.10.2026 | P01 |

OS SHEET No.:
6068, 6069, 6070, 6113, 6114, 6115, 6159, 6160, 6161, 6206, 6207, 6208

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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

- Existing Road to be Upgraded
- Proposed New Roads
- 33kV Electrical Cable Trench
- Cut
- Fill

N

PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**Construction Compound 5**

| PROJECT No.: | DRAWING No.: | SCALE: |
|---|---|---|
| 240740 | 240740 - 38 | 1:200 @ A3 |

| DRAWN BY: | CHECKED BY: | DATE: | REVISION.: |
|---|---|---|---|
| JOB | AC | 06.10.2026 | P01 |

OS SHEET No.: 6068, 6069, 6070, 6113, 6114, 6115, 6159, 6160, 6161, 6206, 6207, 6208

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Eirgrid B

Substation Compound
refer to DWG 240740 -43

13.5m

Staff Ofices/Facilities Refer to
DWG 240740-51

3m

Site Offices & Staff Welfare Facilities

Staff & Visitor Car Parking

Turbine Component / Material Storage
Temporary Parking Area

80m

80m

Site Construction
Compound

35m

99m

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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

Cut

Fill

N

PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

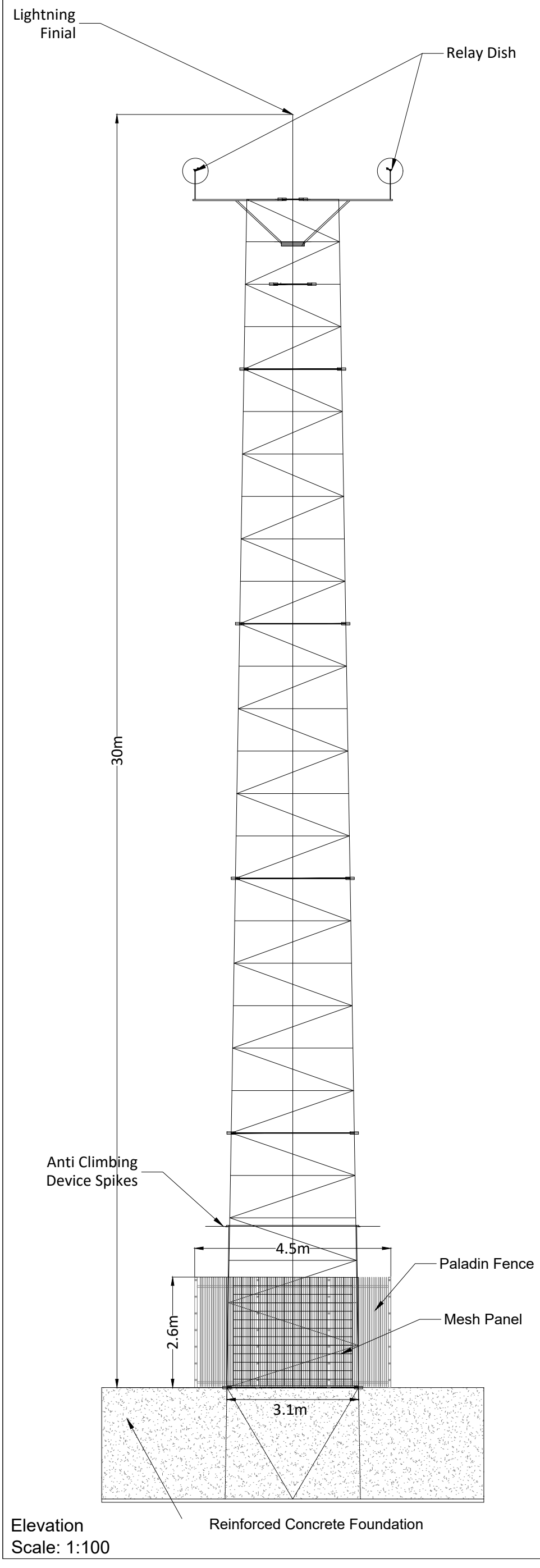
DRAWING TITLE:
**Construction Compound 6**

| PROJECT No.: | DRAWING No.: | SCALE: |
|---|---|---|
| 240740 | 240740 - 39 | 1:250 @ A3 |

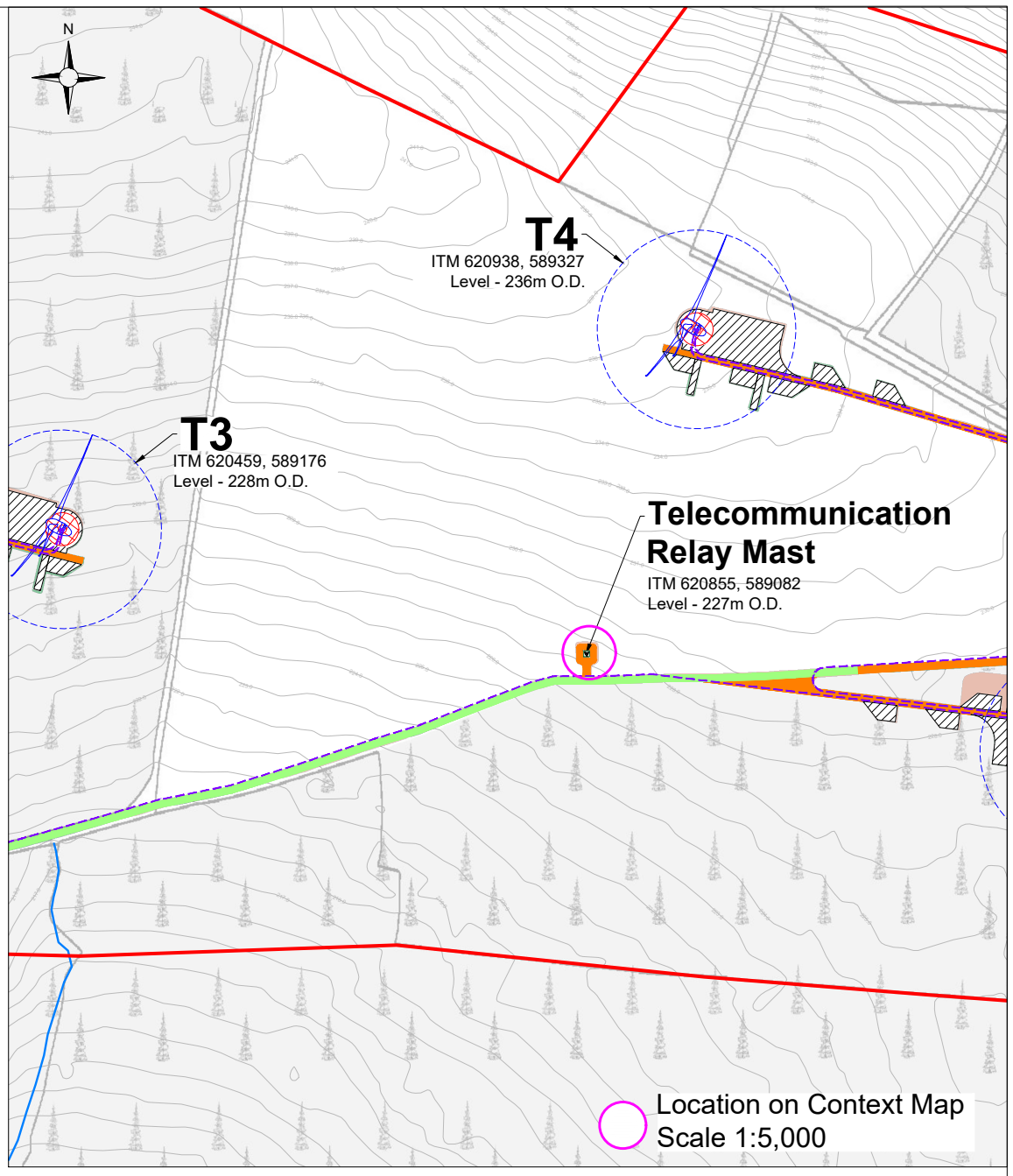
| DRAWN BY: | CHECKED BY: | DATE: | REVISION.: |
|---|---|---|---|
| JOB | AC | 06.10.2026 | P01 |

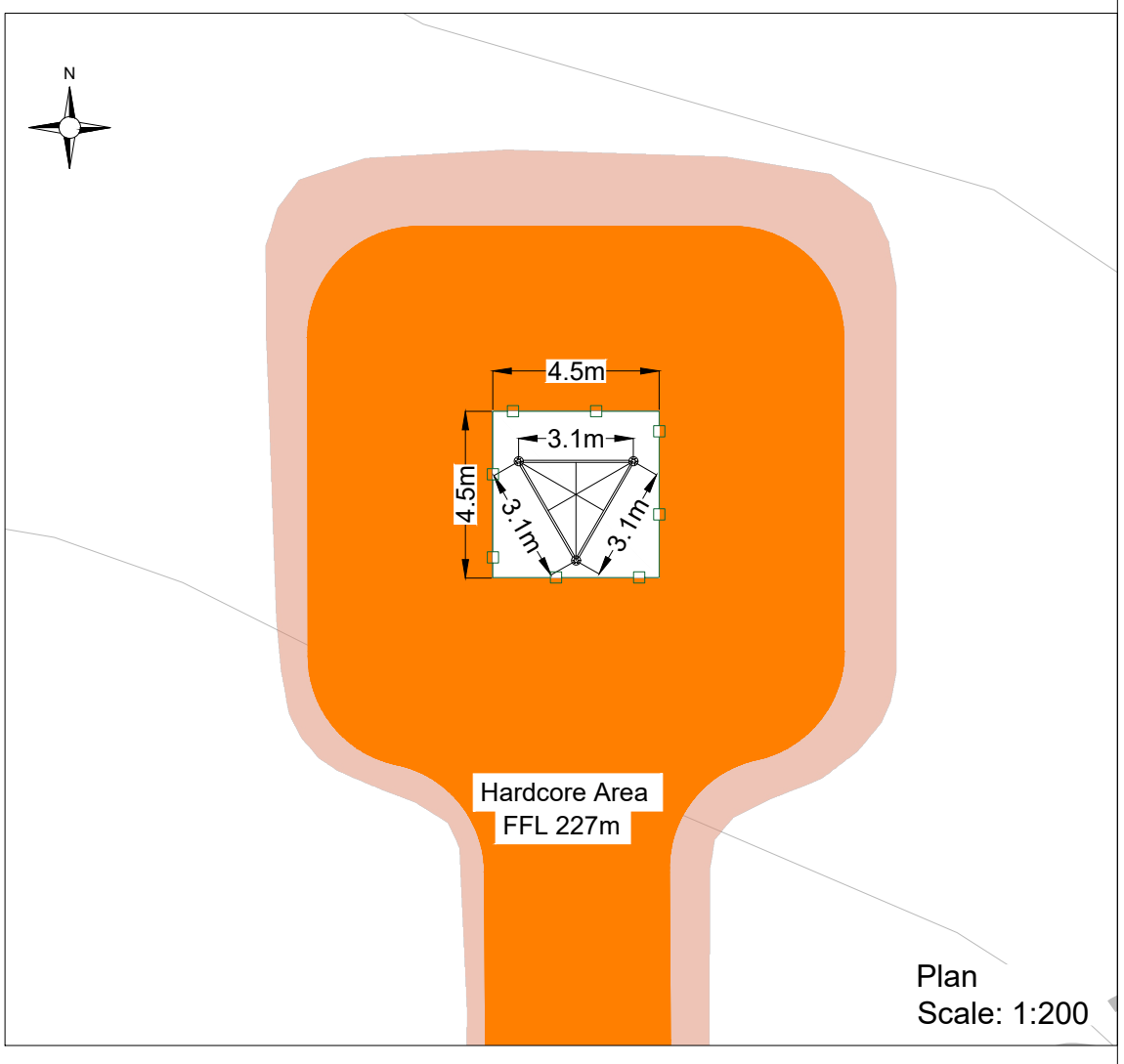
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Elevation
Scale: 1:100




Note:

1. Telecommunication Relay Mast exact detail may differ depending on the selected manufacturer.
2. Finished level of the mast to match ground conditions.
3. Mast/foundation orientation to be confirmed with met mast supplier.
4. Earthing and ducting requirements to be confirmed with met mast supplier and forwarded to foundation designer

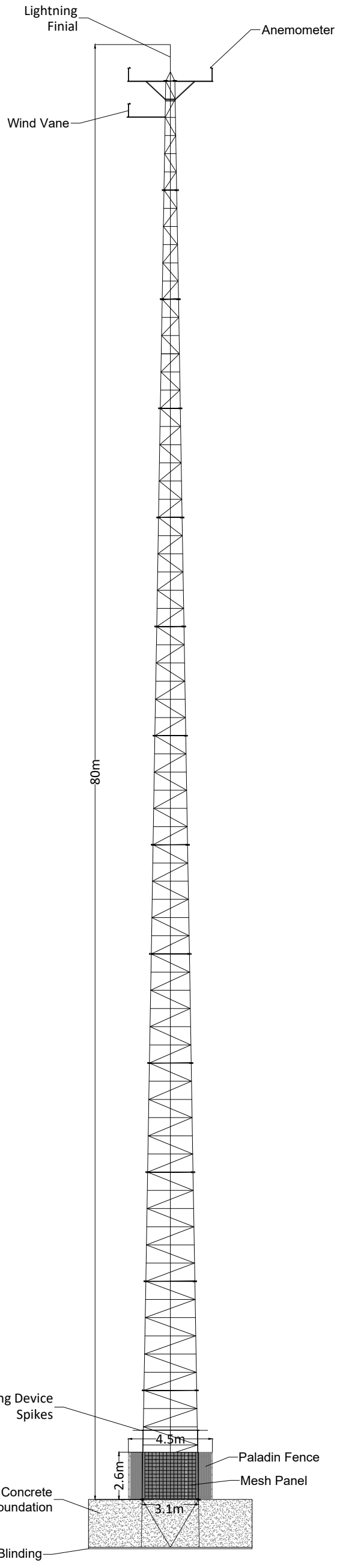
PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**Telecommunication Relay Mast Detail**

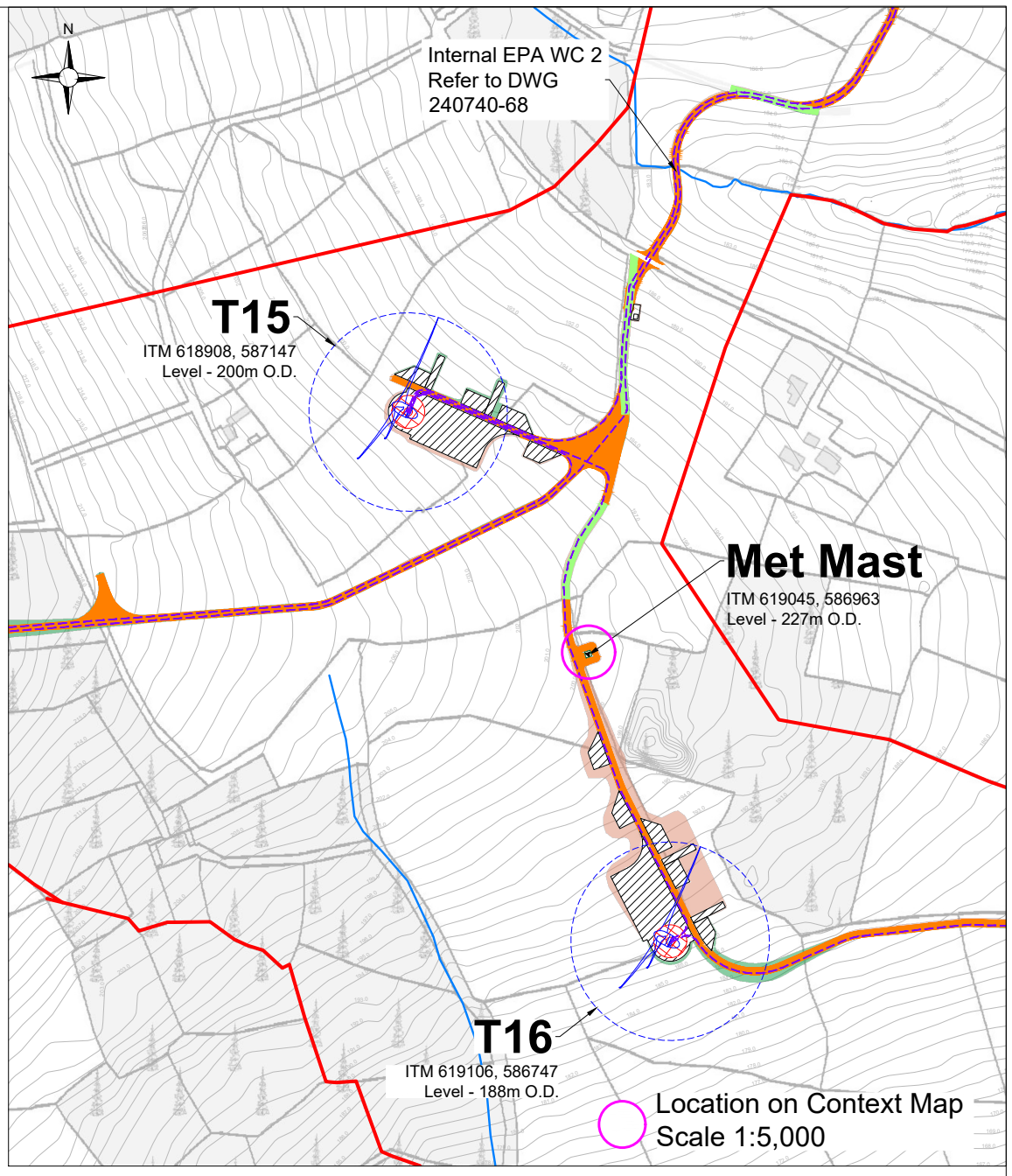
| PROJECT No.: | DRAWING No.: | SCALE: |
|---|---|---|
| 240740 | 240740 - 40 | As Shown@ A3 |

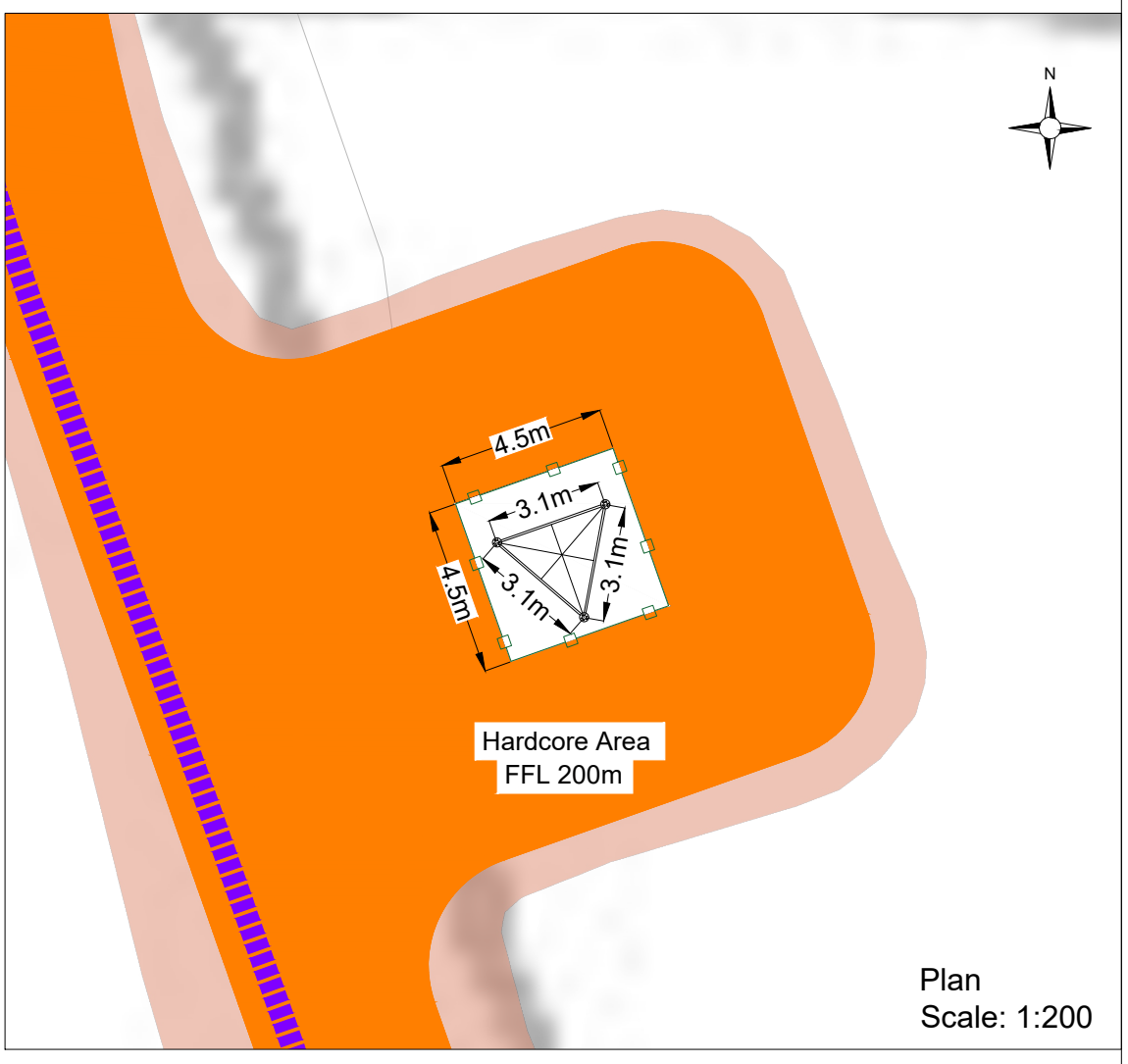
| DRAWN BY: | CHECKED BY: | DATE: | REVISION.: |
|---|---|---|---|
| JOB | AC | 06.10.2026 | P01 |

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Elevation
Scale: 1:250




Plan
Scale: 1:200

Note:

1. Met Mast exact detail may differ depending on the selected manufacturer.
2. Finished level of the mast to match ground conditions.
3. Mast/foundation orientation to be confirmed with met mast supplier.
4. Earthing and ducting requirements to be confirmed with met mast supplier and forwarded to foundation designer

PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**Meteorological Mast Detail**

| PROJECT No.: | DRAWING No.: | SCALE: |
|---|---|---|
| 240740 | 240740 - 41 | As Shown@ A3 |

| DRAWN BY: | CHECKED BY: | DATE: | REVISION.: |
|---|---|---|---|
| JOB | AC | 06.10.2026 | P01 |

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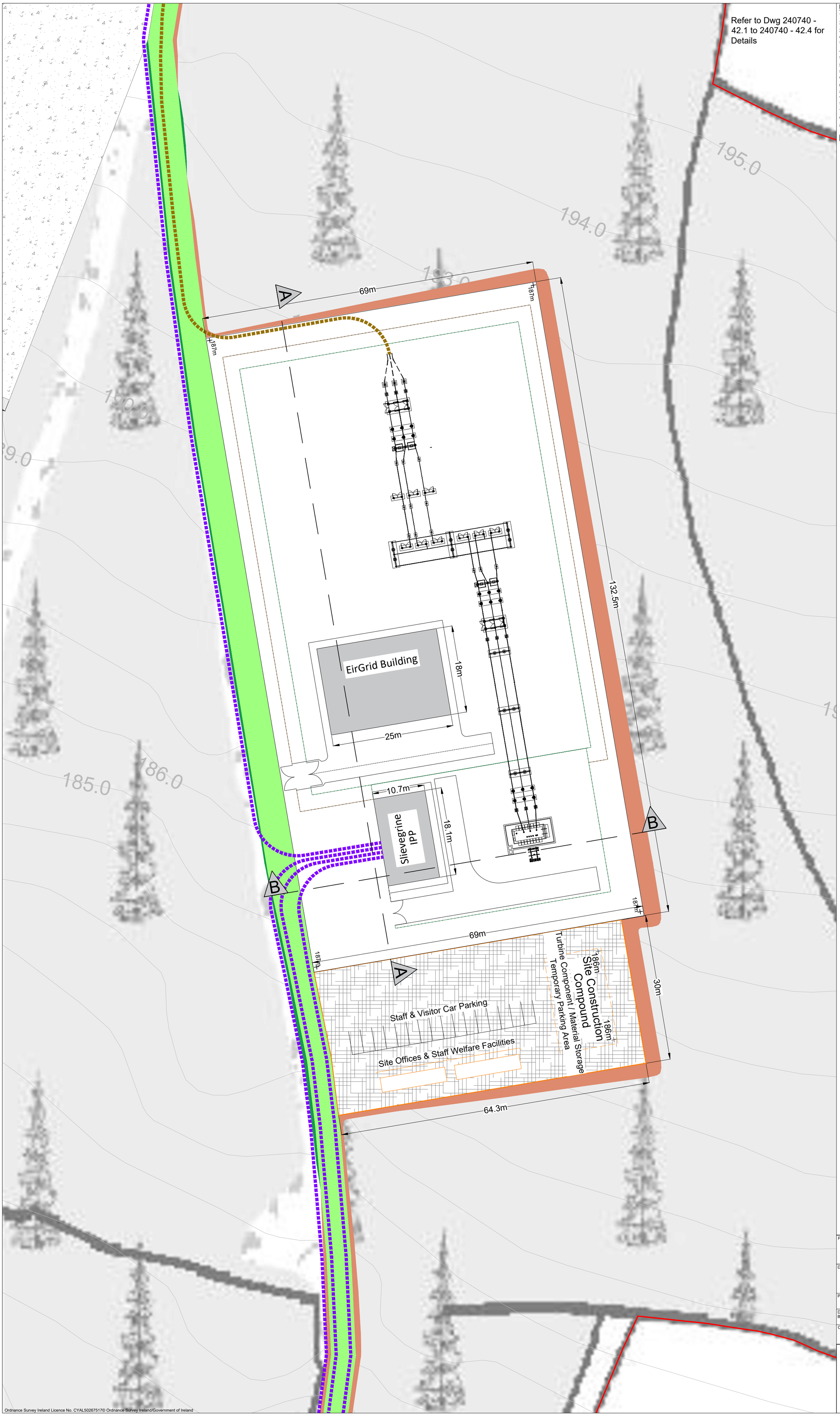
Refer to Dwg 240740 - 42.1 to 240740 - 42.4 for Details

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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
- 33kV Electrical Cable Trench
- 110kV Electrical Cable Trench
- Borrow Pit
- Cut
- Fill




N

PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**110kV Substation**

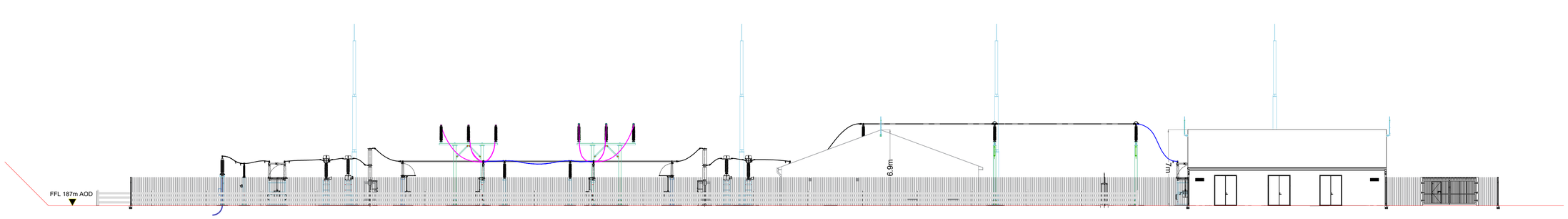
| PROJECT No.: | DRAWING No.: | SCALE: |
|---|---|---|
| 240740 | 240740 - 42 | 1:500 @ A2 |

| DRAWN BY: | CHECKED BY: | DATE: | REVISION.: |
|---|---|---|---|
| JOB | AC | 06.10.2026 | P01 |

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6068, 6069, 6070, 6113, 6114, 6115, 6159, 6160, 6161, 6206, 6207, 6208

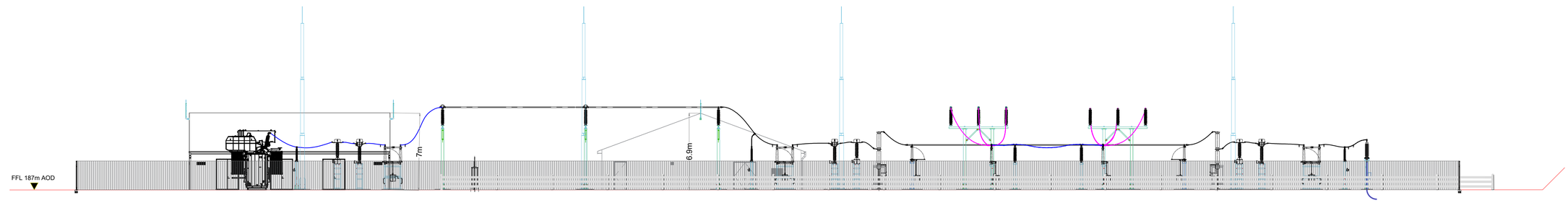
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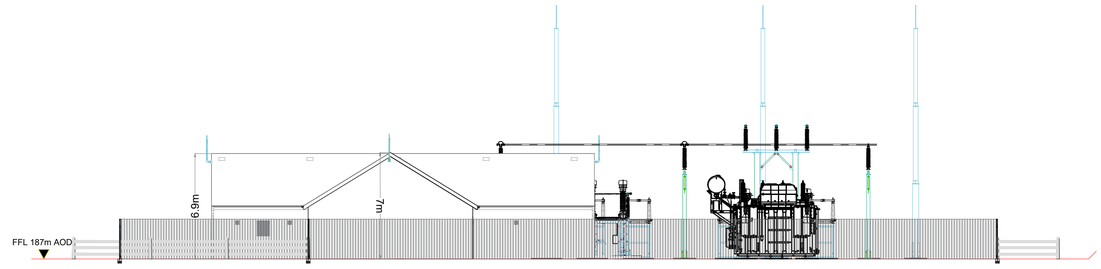

# West Elevation

Scale 1:200 @ A1



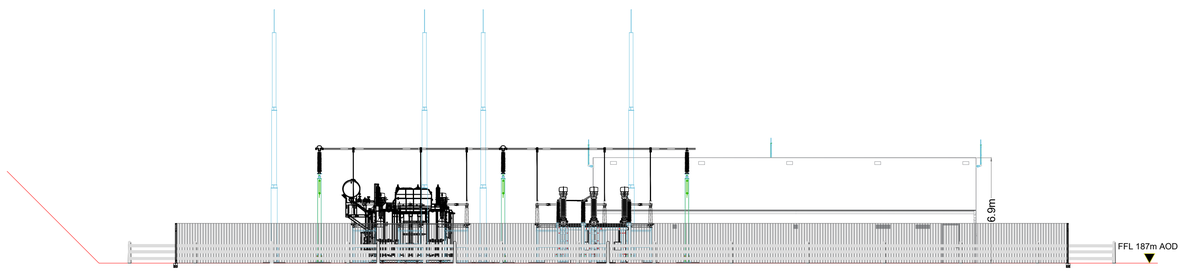

# East Elevation

Scale 1:200 @ A1




# South Elevation

Scale 1:200 @ A1




# North Elevation

Scale 1:200 @ A1

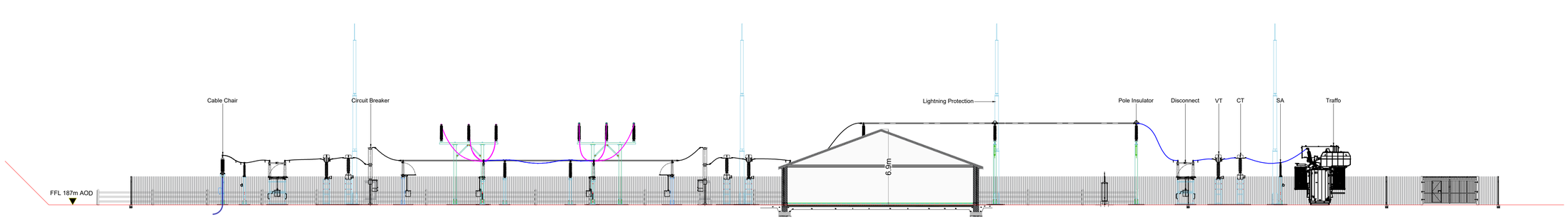
PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**110kV Substation Elevations**

| PROJECT No.: | DRAWING No.: | SCALE: |
|---|---|---|
| 240740 | 240740 - 42.1 | 1:200 @ A1 |

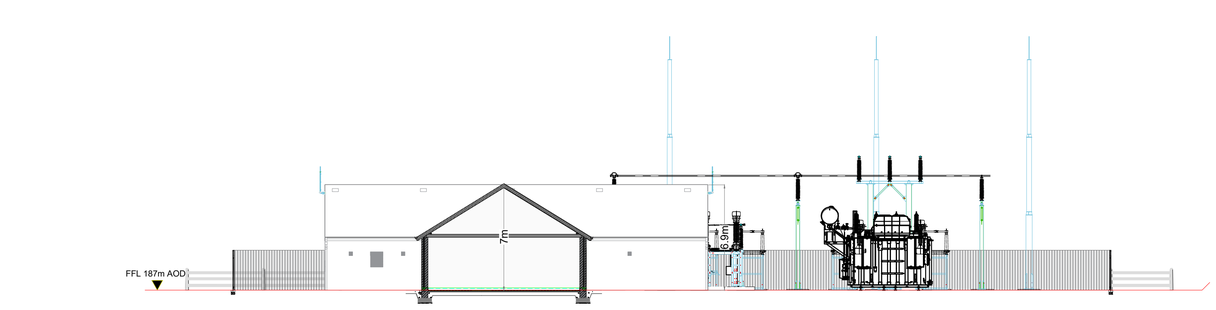
| DRAWN BY: | CHECKED BY: | DATE: | REVISION.: |
|---|---|---|---|
| JOB | AC | 06.10.2026 | P01 |

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# Section A-A

Scale 1:200 @ A1




# Section B-B

Scale 1:200 @ A1

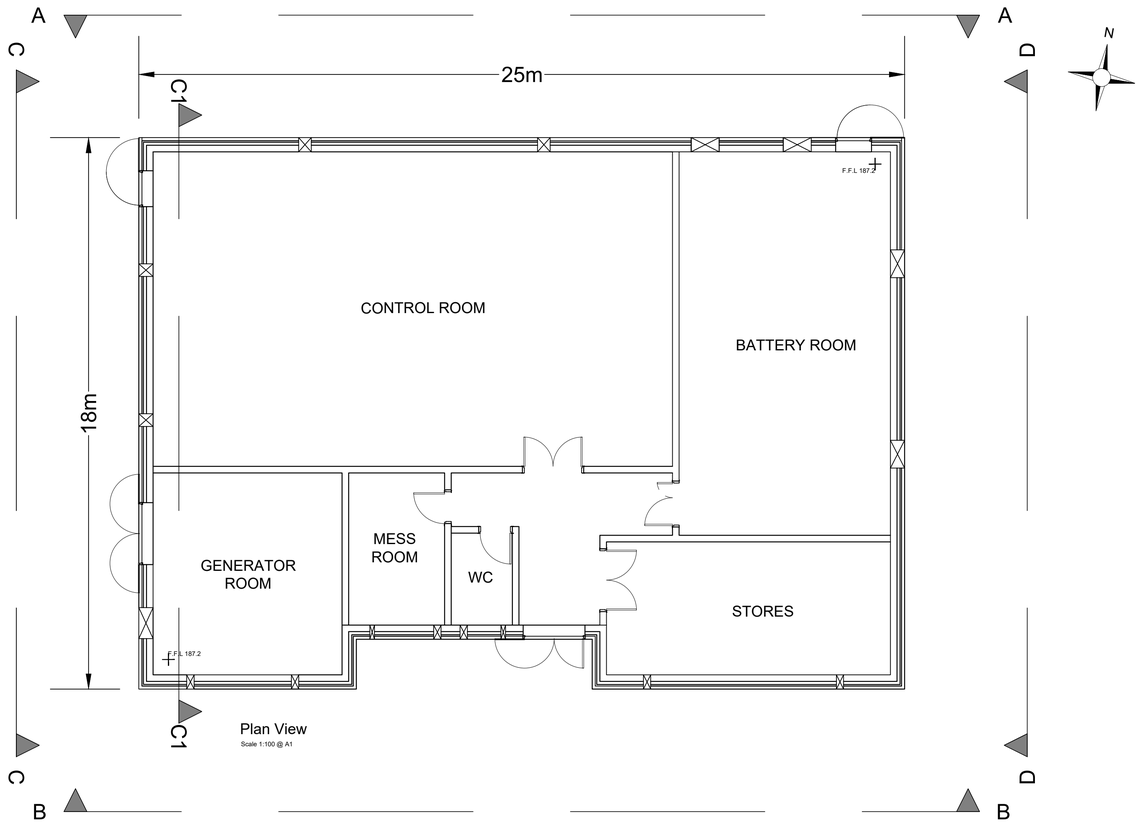
PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

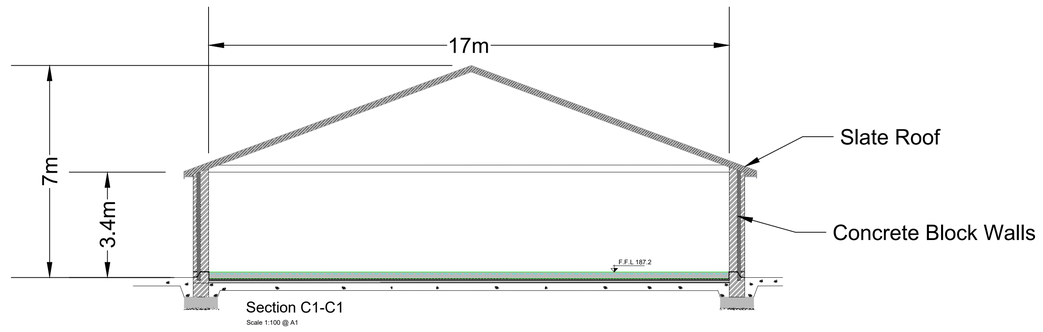
DRAWING TITLE:
**110kV Substation Sections**

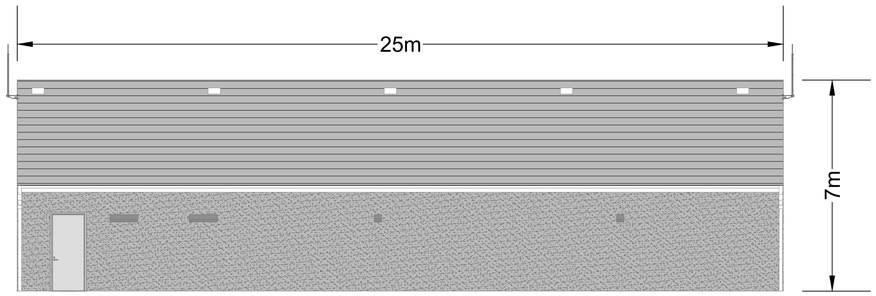
| PROJECT No.: | DRAWING No.: | SCALE: |
|---|---|---|
| 240740 | 240740 - 42.2 | 1:200 @ A1 |

| DRAWN BY: | CHECKED BY: | DATE: | REVISION.: |
|---|---|---|---|
| JOB | AC | 06.10.2026 | P01 |

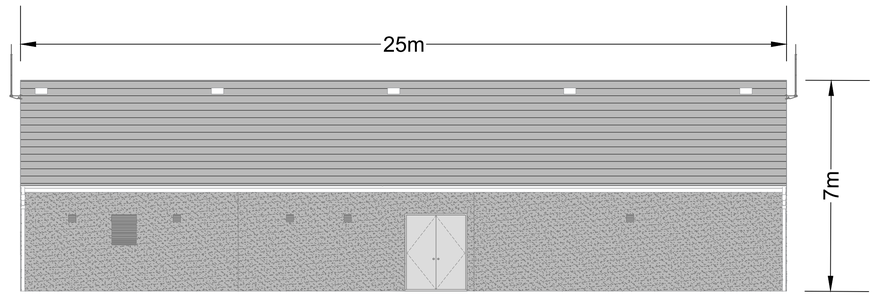
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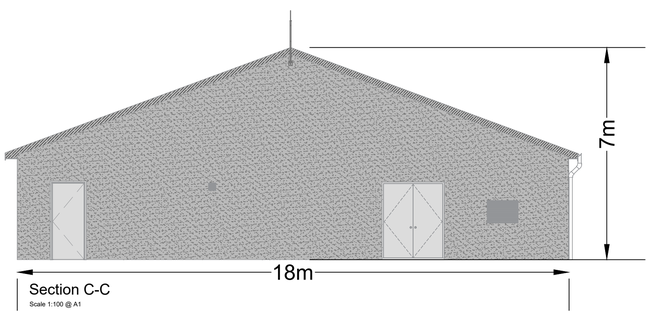



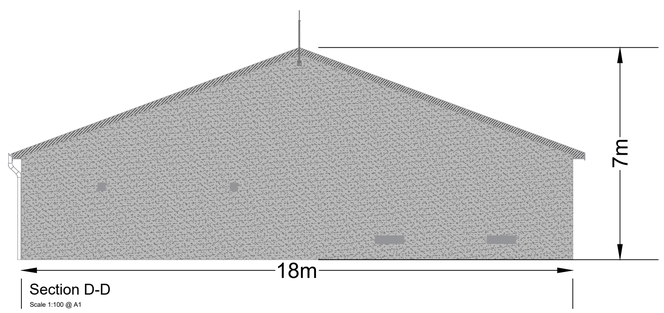

Section A-A
Scale 1:100 @ A1




Section B-B
Scale 1:100 @ A1




Section C-C
Scale 1:100 @ A1




Section D-D
Scale 1:100 @ A1

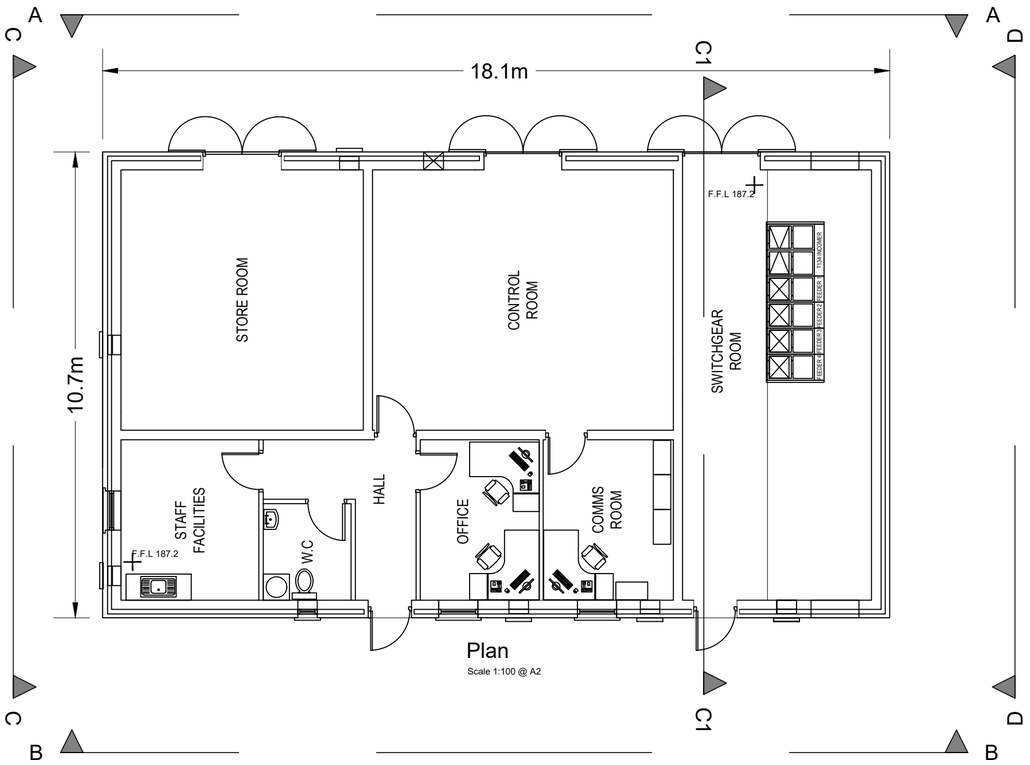
PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**110kV Eirgrid Building**

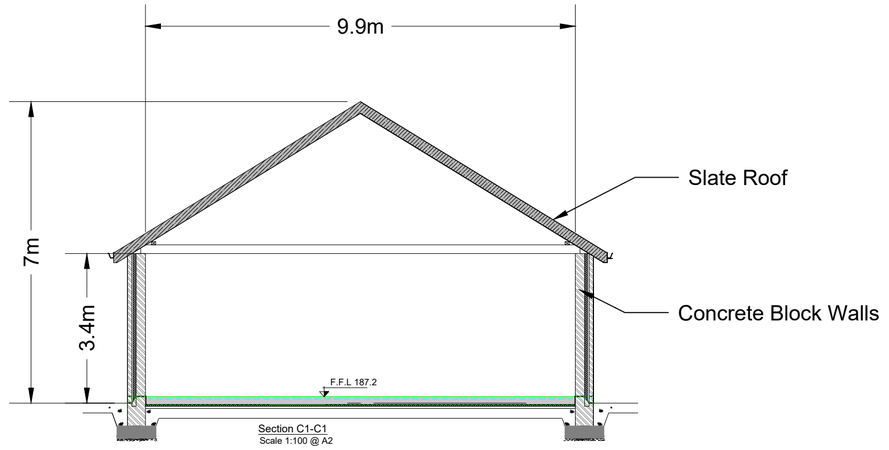
| PROJECT No.: | DRAWING No.: | SCALE: |
|---|---|---|
| 240740 | 240740 - 42.3 | 1:100 @ A1 |

| DRAWN BY: | CHECKED BY: | DATE: | REVISION.: |
|---|---|---|---|
| JOB | AC | 06.10.2026 | P01 |

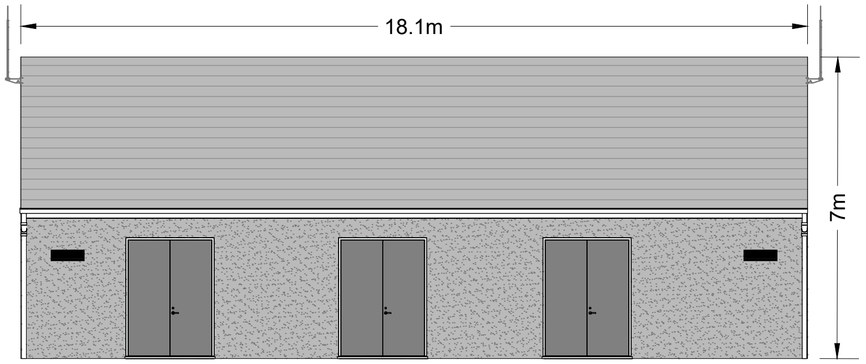
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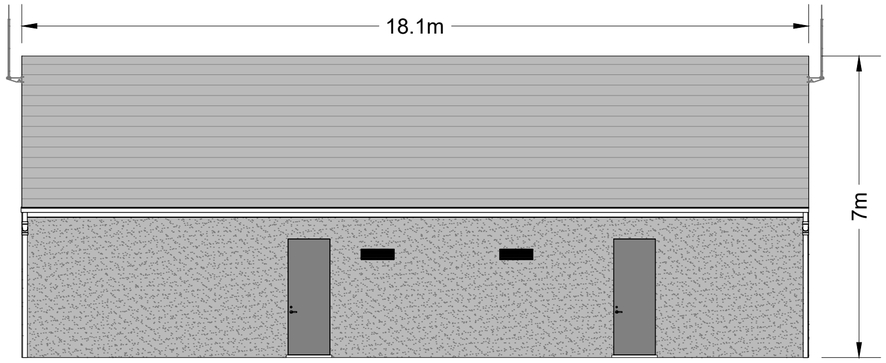

Plan
Scale 1:100 @ A2



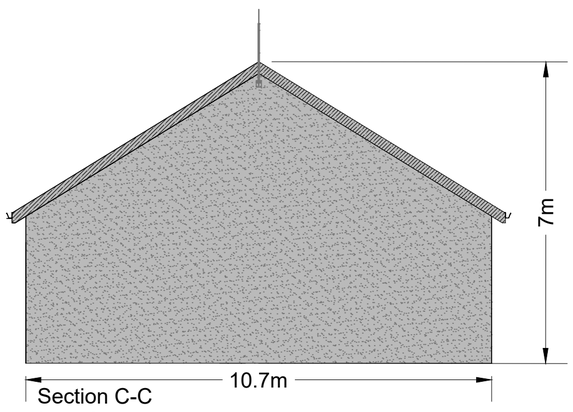

Section C1-C1
Scale 1:100 @ A2



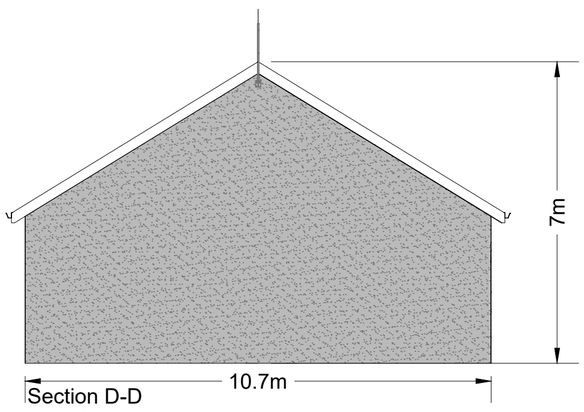

Section A-A
Scale 1:100 @ A2




Section B-B
Scale 1:100 @ A2




Section C-C
Scale 1:100 @ A2




Section D-D
Scale 1:100 @ A2

PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**110kV IPP Building**

| PROJECT No.: | DRAWING No.: | SCALE: |
|---|---|---|
| 240740 | 240740 - 42.4 | 1:100 @ A2 |

| DRAWN BY: | CHECKED BY: | DATE: | REVISION.: |
|---|---|---|---|
| JOB | AC | 06.10.2026 | P01 |

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Refer to Dwg 240740 - 43.1 to 240740 - 43.4 for Details

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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 New Roads
- 220kV Cable Service Track
- 110kV Electrical Cable Trench
- 220kV Electrical Cable Trench
- Existing 38kV OHL to be Undergrounded
- 110kV Joint Bay/Comms Chamber (Refer to DWG 240740 - 34 - for details)
- Cut
- Fill
- Linear Loss
- Proposed Replanting
- Proposed Screen Planting

148.5m
170.5m
A
B
+60m
Site Compound
Temporary Parking Area
Turbine Component / Material Storage
80m
90m
35m
66m
Site Offices & Staff Welfare Facilities
Staff & Visitor Car Parking
Eirgrid Building
19m
25m
Control Building
10.7m
18.1m
Parking
Bunded Oil Storage Tank

N

PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**220kV Substation**

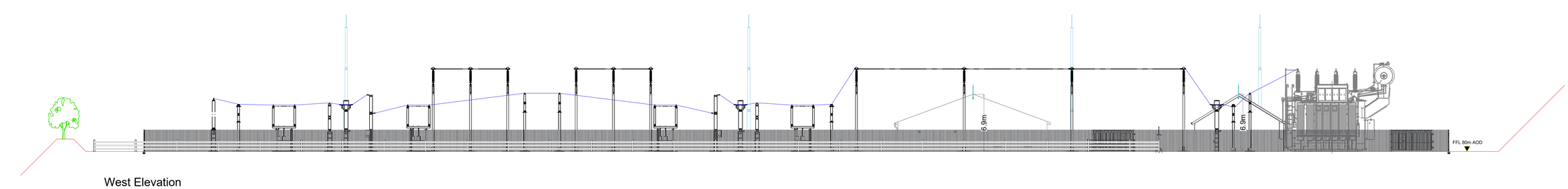
| PROJECT No. | DRAWING No. | SCALE |
|---|---|---|
| 240740 | 240740 - 43 | 1:500 @ A1 |

| DRAWN BY: | CHECKED BY: | DATE: | REVISION: |
|---|---|---|---|
| JOB | AC | 06.10.2026 | P01 |

OS SHEET No.: 6068, 6069, 6070, 6113, 6114, 6115, 6159, 6160, 6161, 6206, 6207, 6208

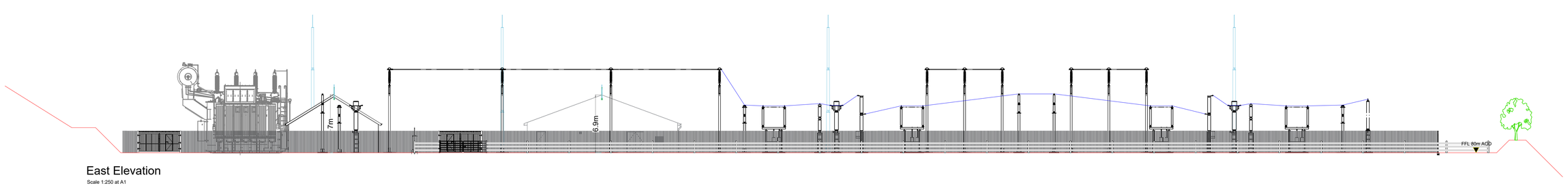
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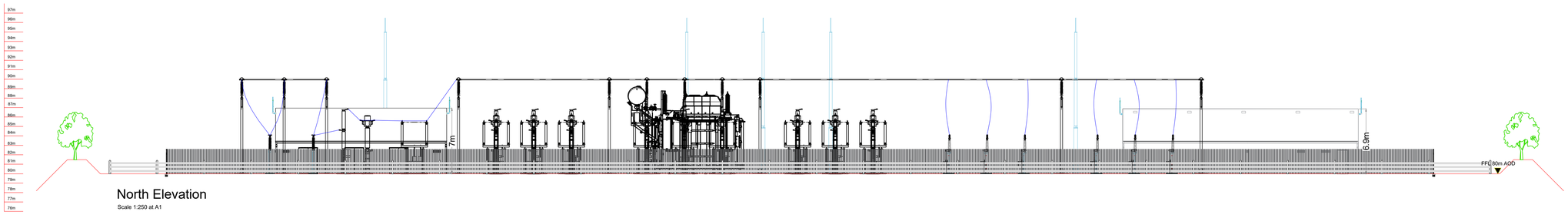

## West Elevation

Scale 1:250 at A1




## East Elevation

Scale 1:250 at A1




## North Elevation

Scale 1:250 at A1




## South Elevation

Scale 1:250 at A1

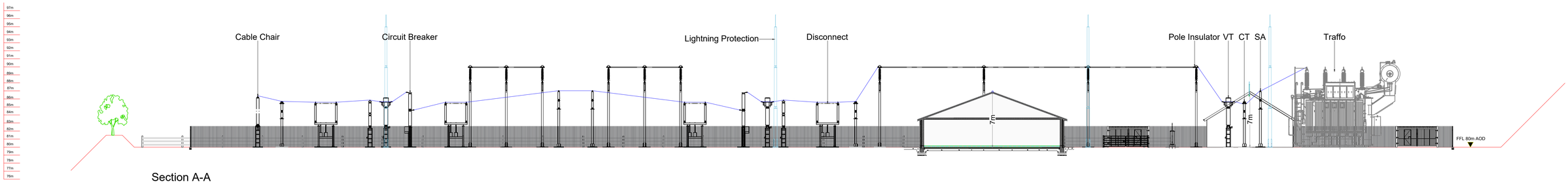
PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**220kV Substation Elevations**

| PROJECT No.: | DRAWING No.: | SCALE: |
|---|---|---|
| **240740** | **240740 - 43.1** | **1:250 @ A1** |

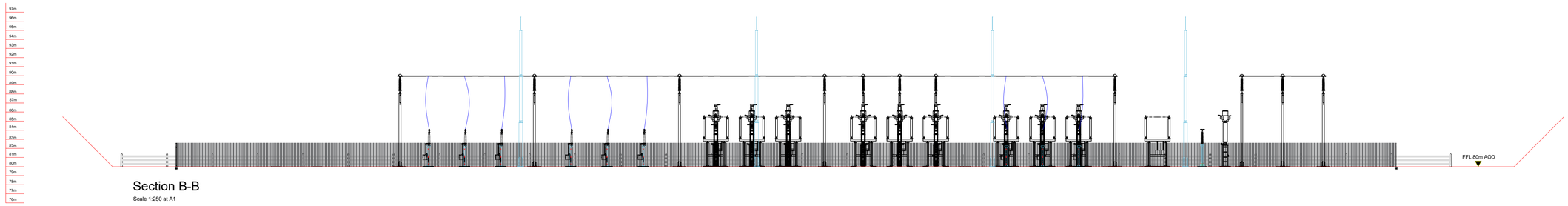
| DRAWN BY: | CHECKED BY: | DATE: | REVISION.: |
|---|---|---|---|
| **JOB** | **AC** | **06.10.2026** | P01 |

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## Section A-A

Scale 1:250 at A1




## Section B-B

Scale 1:250 at A1

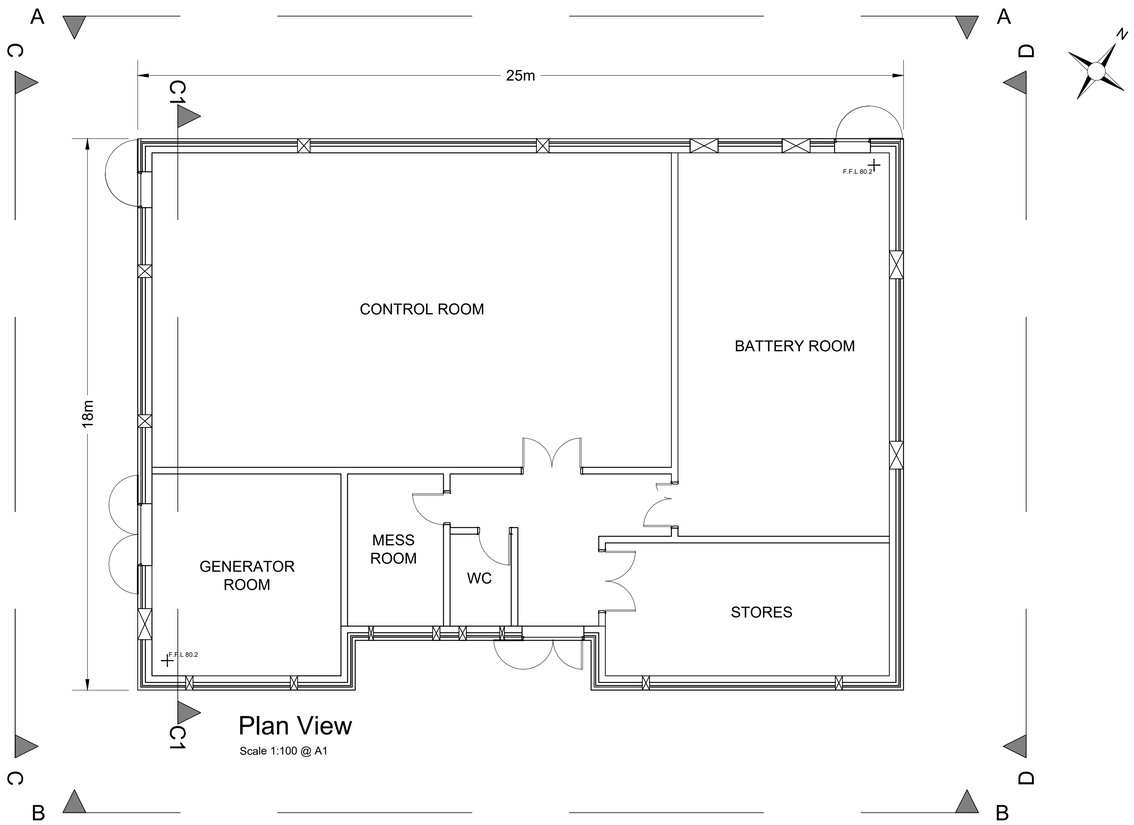
PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**220kV Substation Sections**

| PROJECT No.: | DRAWING No.: | SCALE: |
|---|---|---|
| **240740** | **240740 - 43.2** | **1:250 @ A1** |

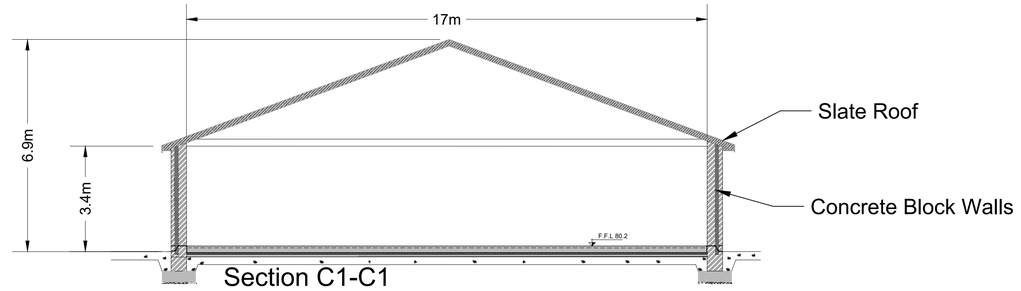
| DRAWN BY: | CHECKED BY: | DATE: | REVISION.: |
|---|---|---|---|
| **JOB** | **AC** | **06.10.2026** | P01 |

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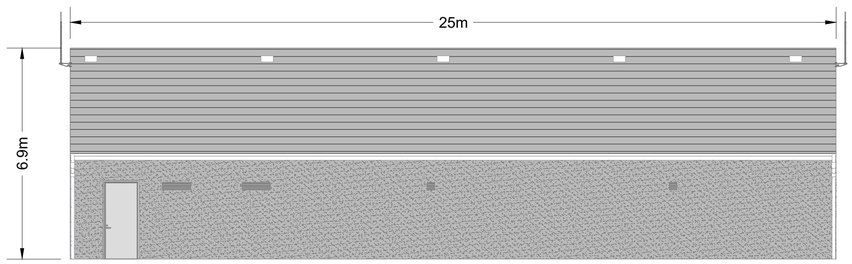

## Plan View

Scale 1:100 @ A1



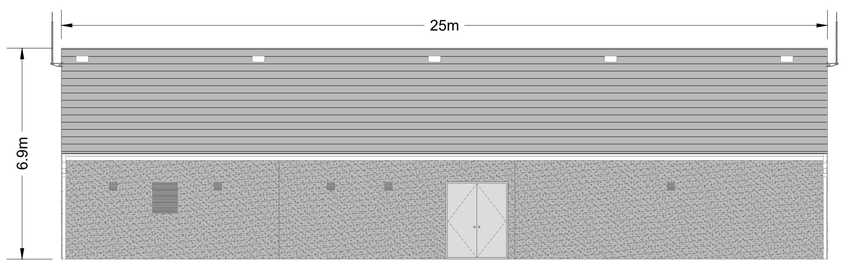

## Section C1-C1

Scale 1:100 @ A1



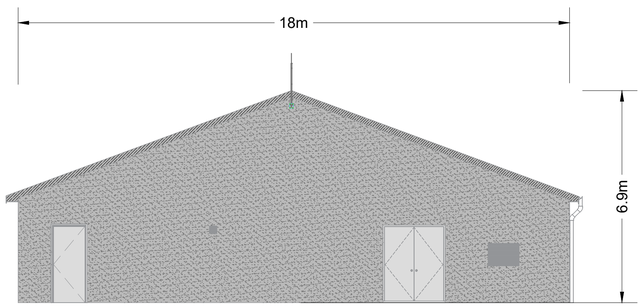

## Section A-A

Scale 1:100 @ A1



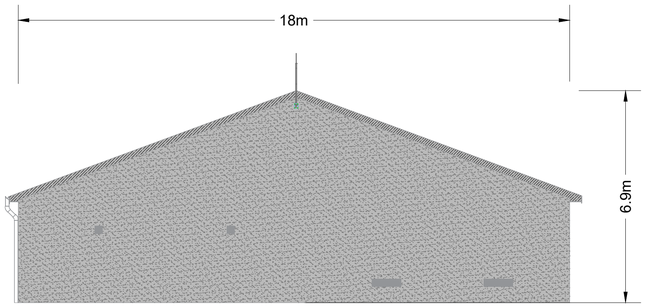

## Section B-B

Scale 1:100 @ A1




## Section C-C

Scale 1:100 @ A1




## Section D-D

Scale 1:100 @ A1

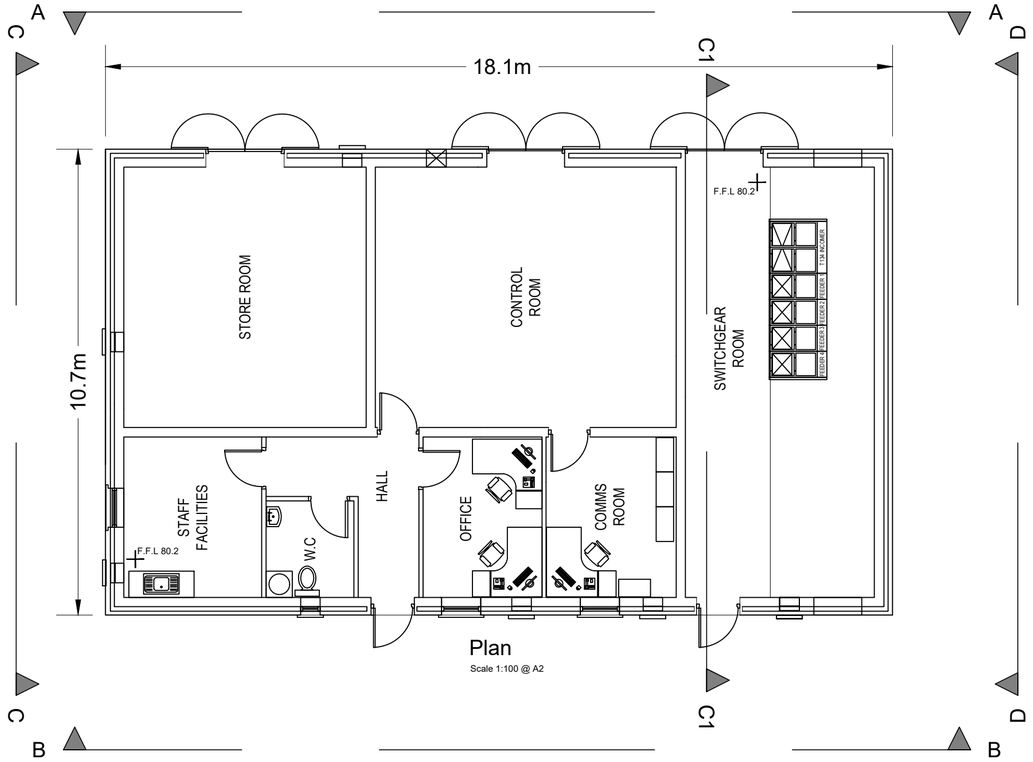
PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**220kV Eirgrid Building**

| PROJECT No.: | DRAWING No.: | SCALE: |
|---|---|---|
| 240740 | 240740 - 43.3 | 1:100 @ A1 |

| DRAWN BY: | CHECKED BY: | DATE: | REVISION.: |
|---|---|---|---|
| JOB | AC | 06.10.2026 | P01 |

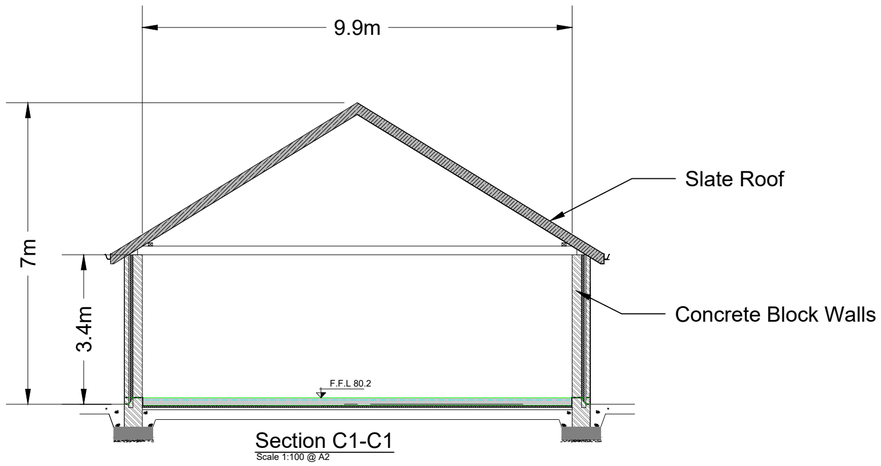
Email: info@www.mkoireland.ie /Website: www.mkoireland.ie




Plan

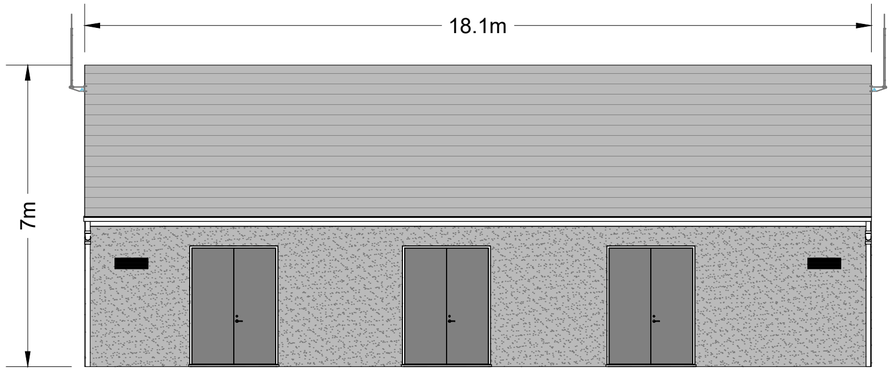
Scale 1:100 @ A2



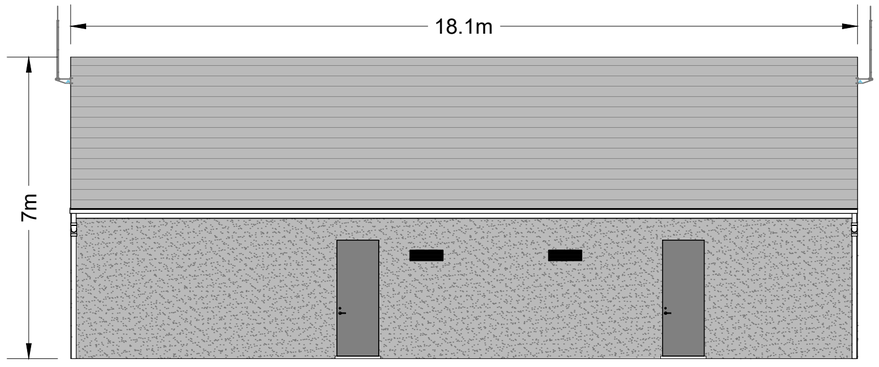

Section C1-C1

Scale 1:100 @ A2



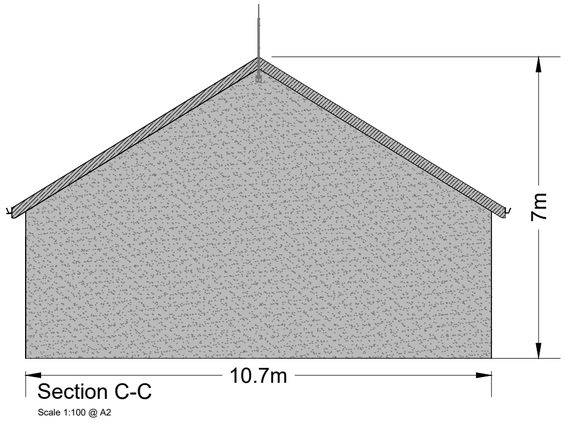

Section A-A

Scale 1:100 @ A2



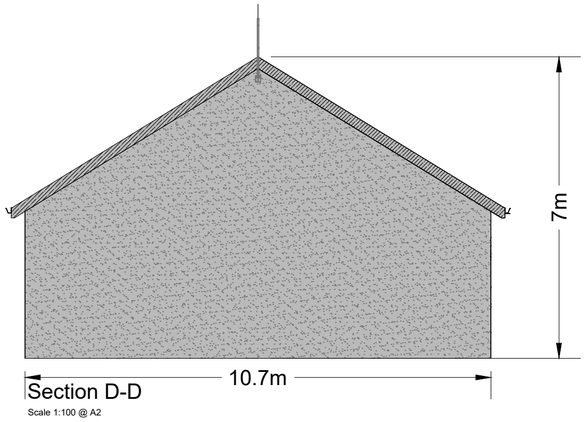

Section B-B

Scale 1:100 @ A2




Section C-C

Scale 1:100 @ A2




Section D-D

Scale 1:100 @ A2

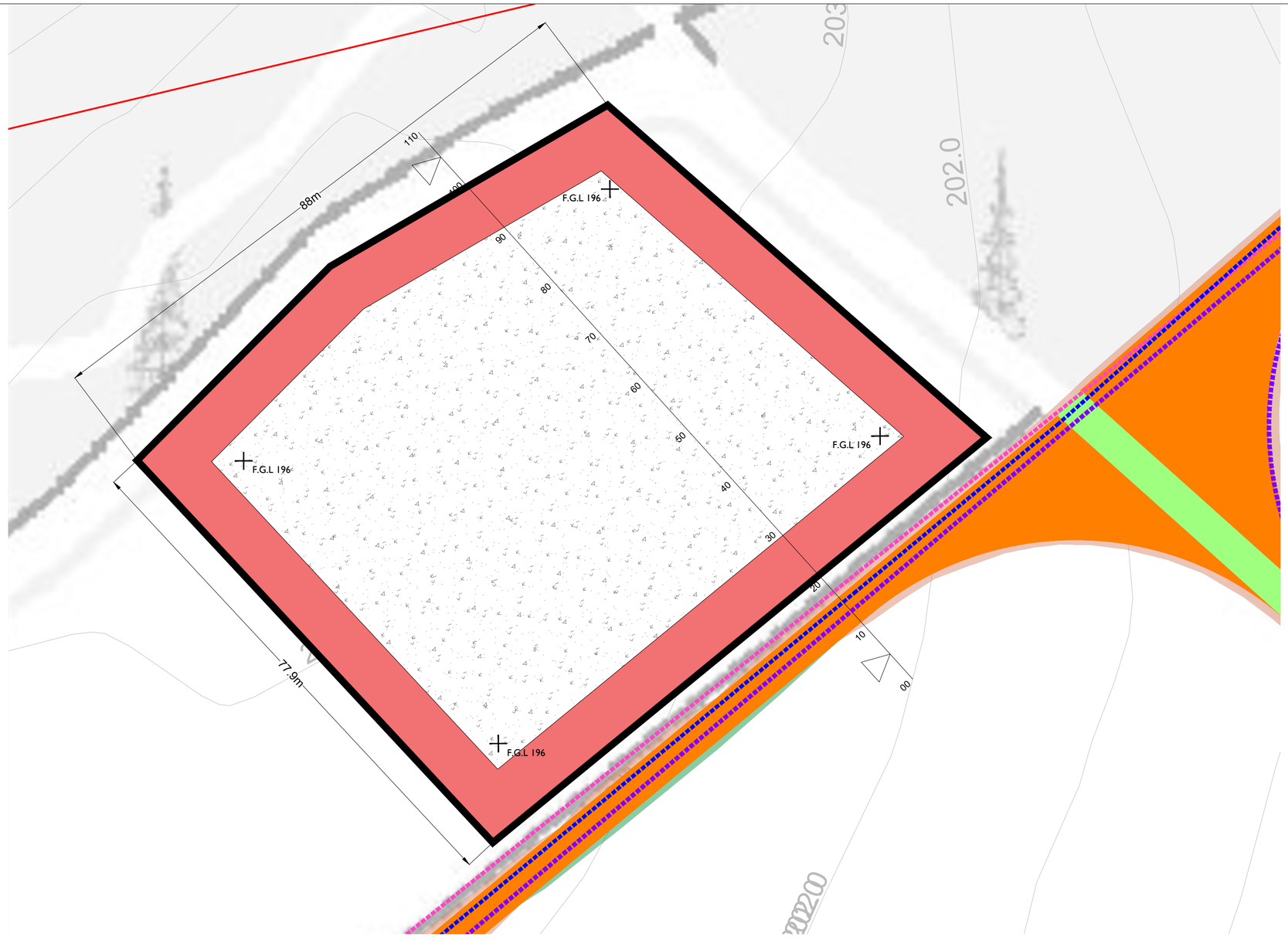
PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

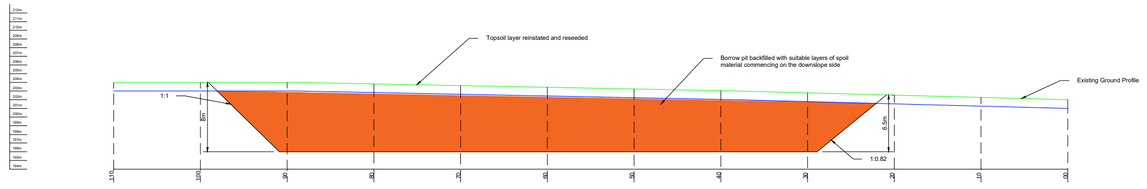
DRAWING TITLE:
**220kV Control Building**

| PROJECT No.: | DRAWING No.: | SCALE: |
|---|---|---|
| **240740** | **240740 - 43.4** | **1:100 @ A2** |

| DRAWN BY: | CHECKED BY: | DATE: | REVISION.: |
|---|---|---|---|
| **JOB** | **AC** | **06.10.2026** | P01 |

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Section View

| Borrow Pit 1 Volume Dashboard (m3) | |
|---|---|
| Overburden Quantities | 7200 |
| Bedrock Quantities | 37500 |
| Spoil Holding Capacity | 37000 |

N

PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**Borrow Pit 1**

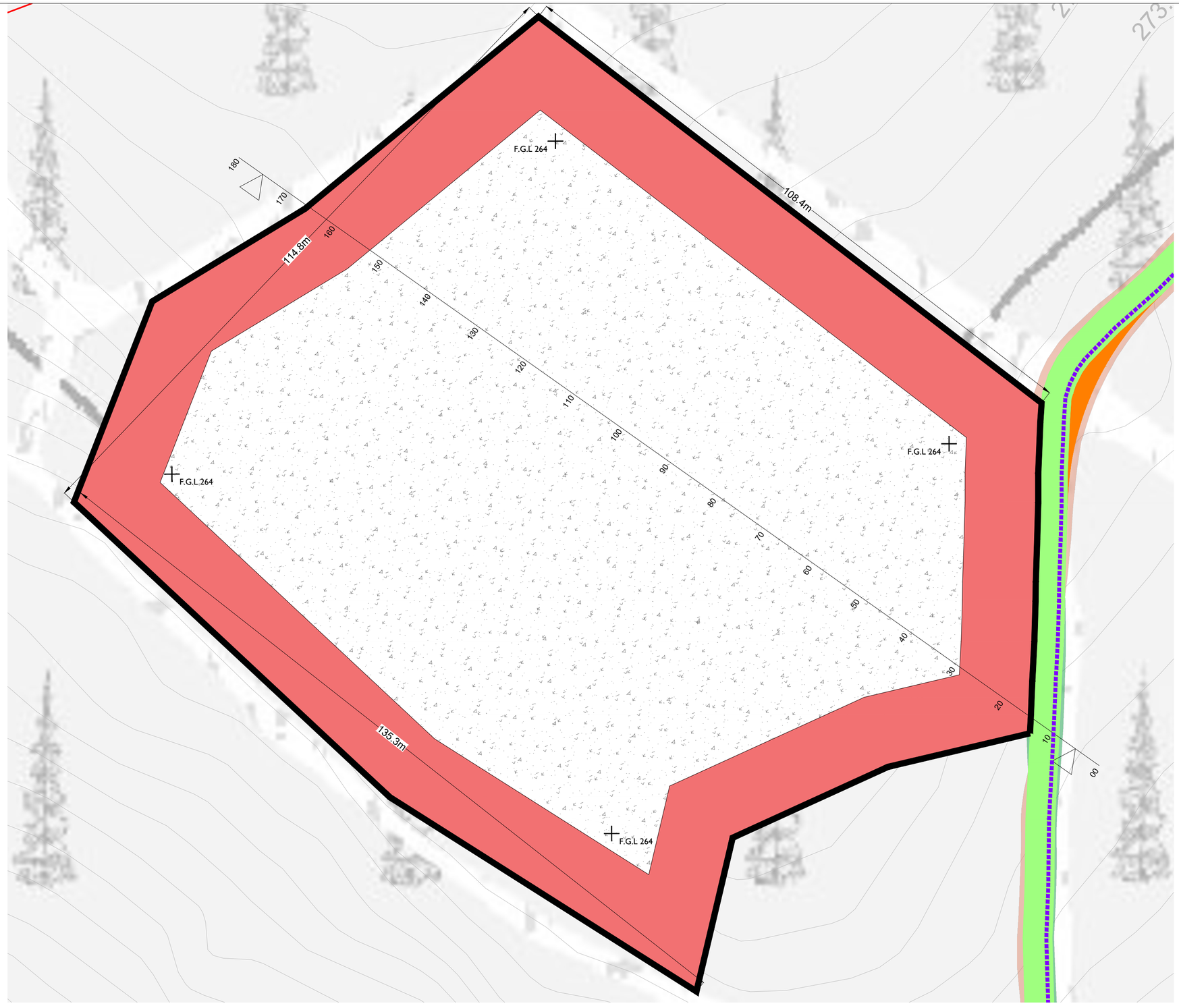
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|---|---|---|
| 240740 | 240740 - 44 | 1:500 @ A2 |

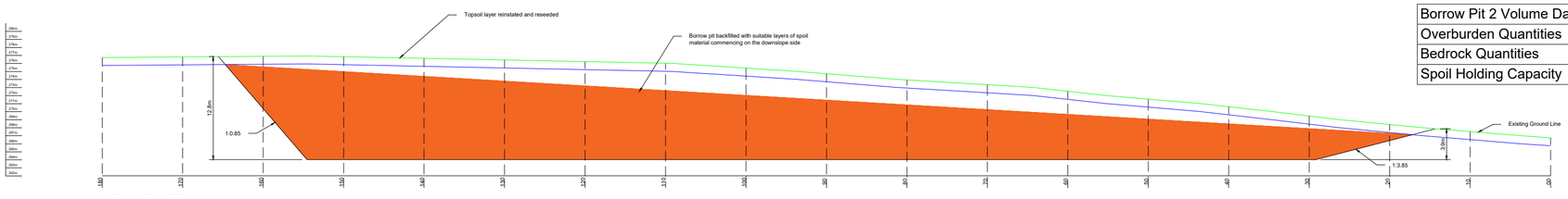
| DRAWN BY: | CHECKED BY: | DATE: | REVISION.: |
|---|---|---|---|
| JOB | AC | 06.10.2026 | P01 |

OS SHEET No.: 6068, 6069, 6070, 6113, 6114, 6115, 6159, 6160, 6161, 6206, 6207, 6208

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Section View

| Borrow Pit 2 Volume Dashboard (m3) | |
|---|---|
| Overburden Quantities | 16000 |
| Bedrock Quantities | 91100 |
| Spoil Holding Capacity | 87100 |

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N

PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

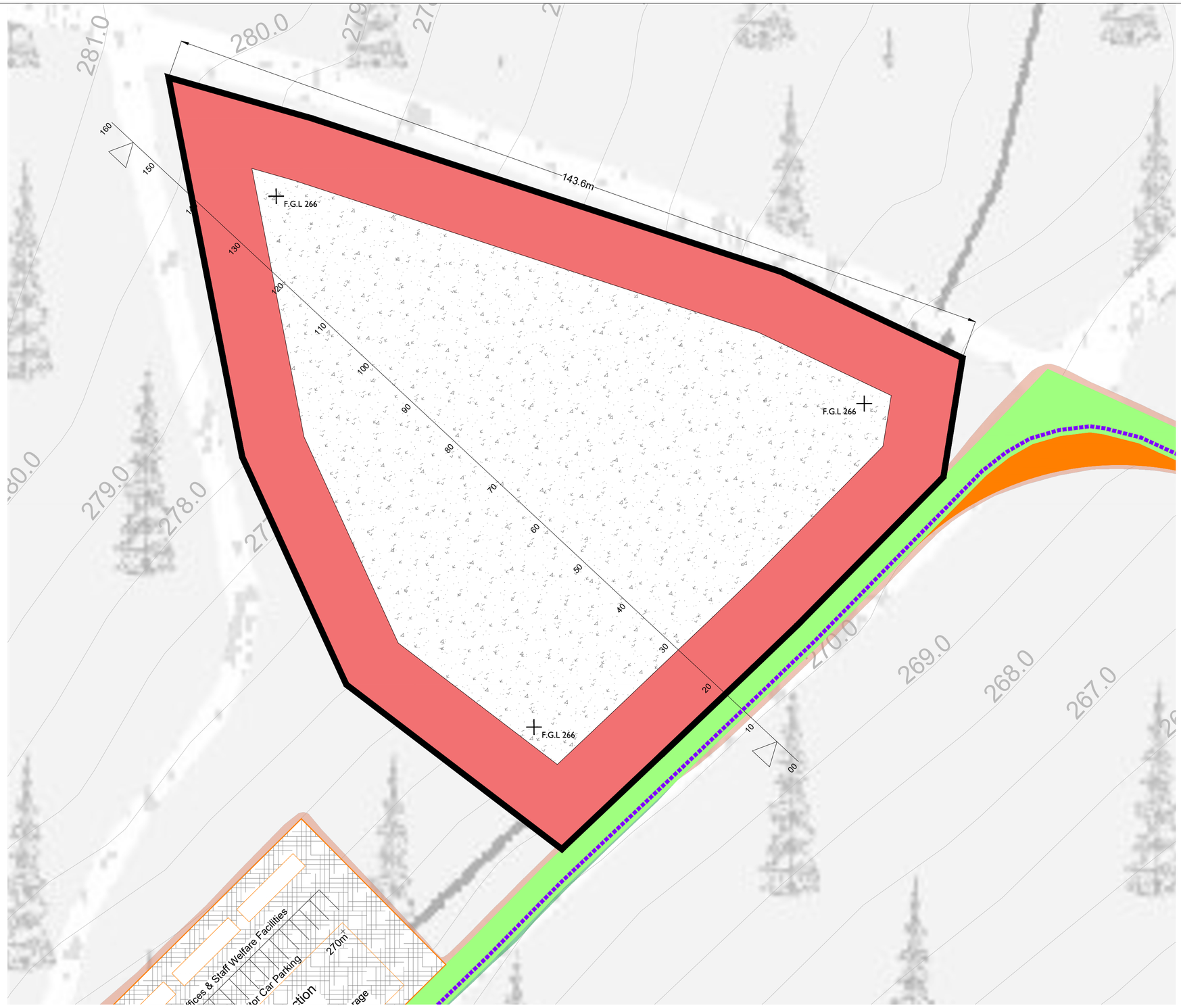
DRAWING TITLE:
**Borrow Pit 2**

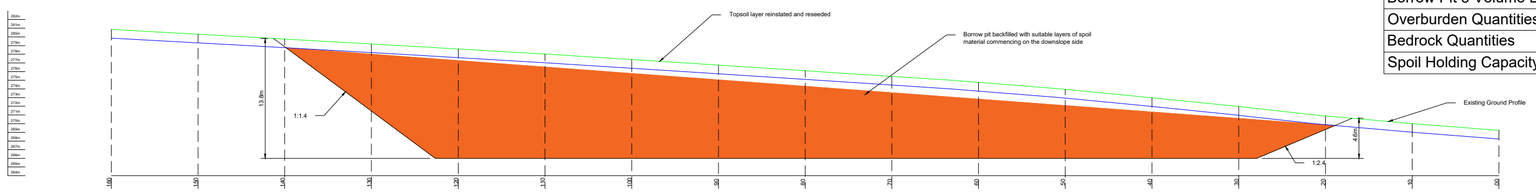
| PROJECT No.: | DRAWING No.: | SCALE: |
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| 240740 | 240740 - 45 | 1:500 @ A2 |

| DRAWN BY: | CHECKED BY: | DATE: | REVISION.: |
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| JOB | AC | 06.10.2026 | P01 |

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Section View

| Borrow Pit 3 Volume Dashboard (m3) | |
|---|---|
| Overburden Quantities | 10000 |
| Bedrock Quantities | 60300 |
| Spoil Holding Capacity | 58300 |

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N

PROJECT TITLE:
**Silevegrine Renewable Energy Development, Co. Waterford**

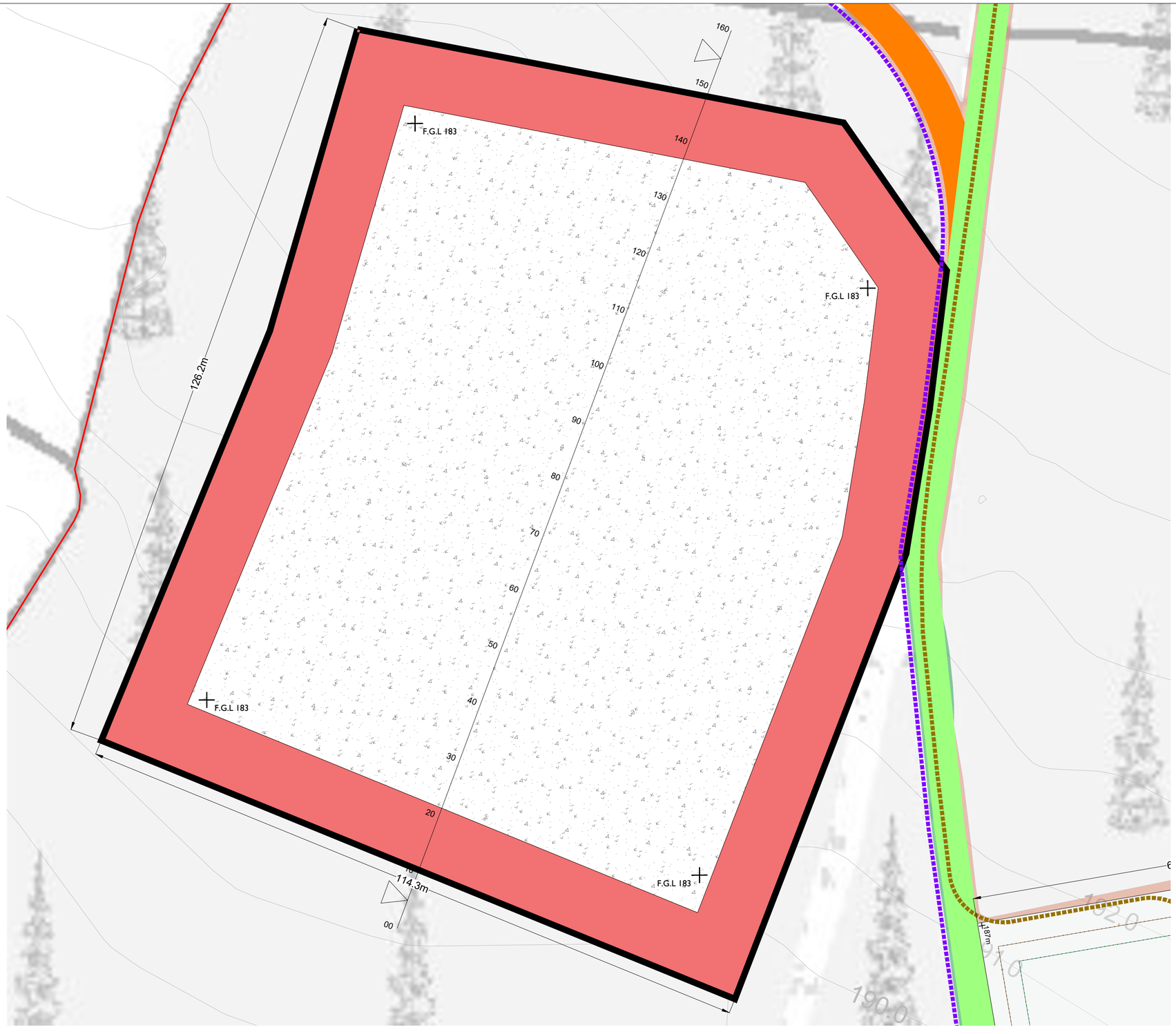
DRAWING TITLE:
**Borrow Pit 3**

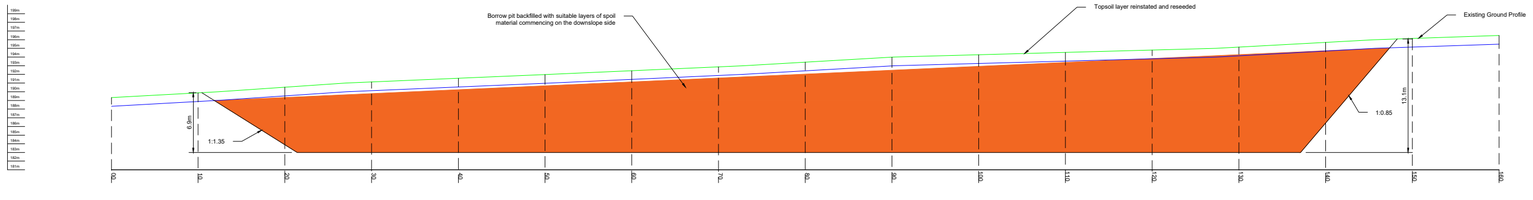
| PROJECT No.: | DRAWING No.: | SCALE: |
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| 240740 | 240740 - 46 | 1:500 @ A2 |

| DRAWN BY: | CHECKED BY: | DATE: | REVISION.: |
|---|---|---|---|
| JOB | AC | 06.10.2026 | P01 |

OS SHEET No.:
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Section View

| Borrow Pit 4 Volume Dashboard (m3) | |
|---|---|
| Overburden Quantities | 15000 |
| Bedrock Quantities | 110350 |
| Spoil Holding Capacity | 110450 |

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N

PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

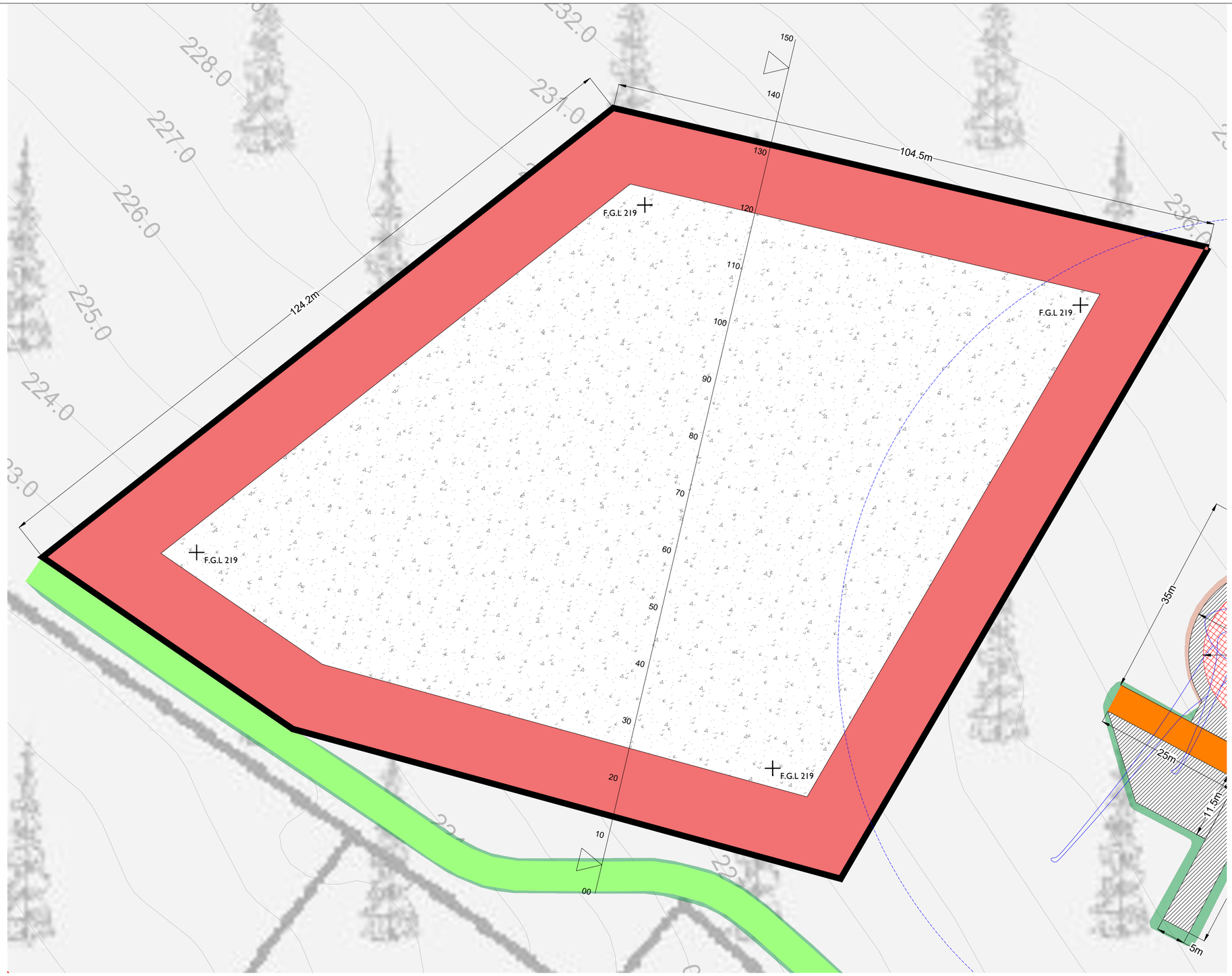
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**Borrow Pit 4**

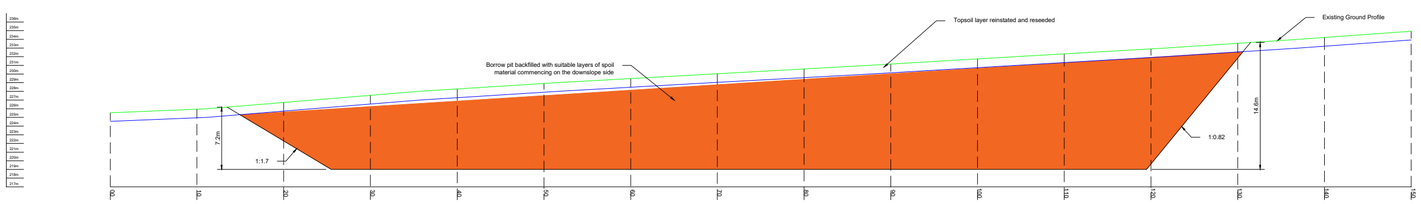
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| 240740 | 240740 - 47 | 1:500 @ A2 |

| DRAWN BY: | CHECKED BY: | DATE: | REVISION.: |
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| JOB | AC | 06.10.2026 | P01 |

OS SHEET No.:
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Section View

| Borrow Pit 5 Volume Dashboard (m3) | |
|---|---|
| Overburden Quantities | 15000 |
| Bedrock Quantities | 103200 |
| Spoil Holding Capacity | 105000 |

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N

PROJECT TITLE:
**Silevegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**Borrow Pit 5**

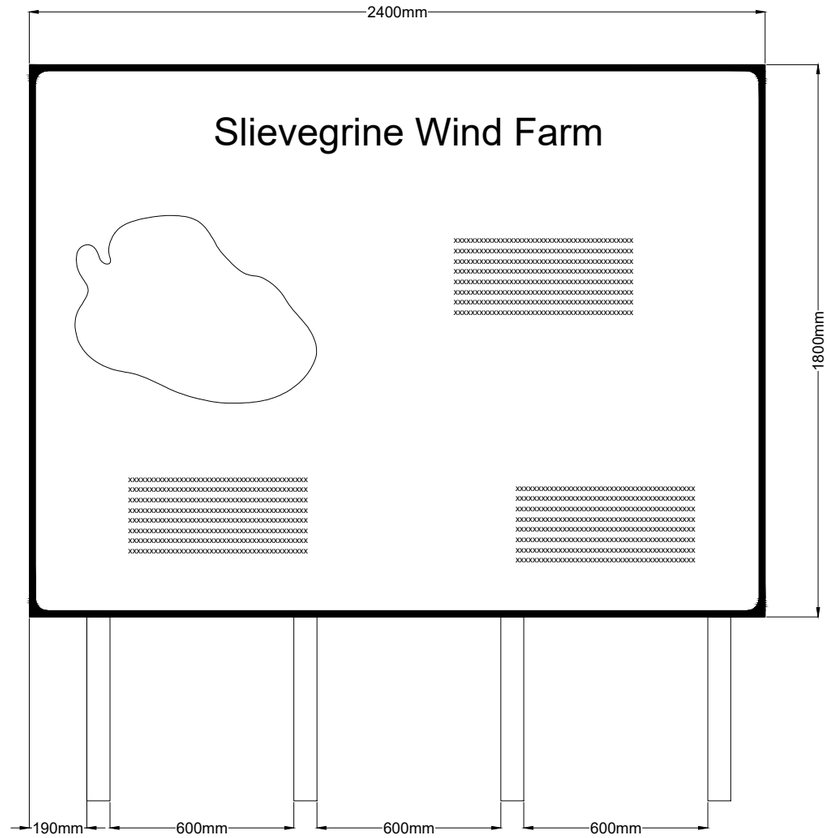
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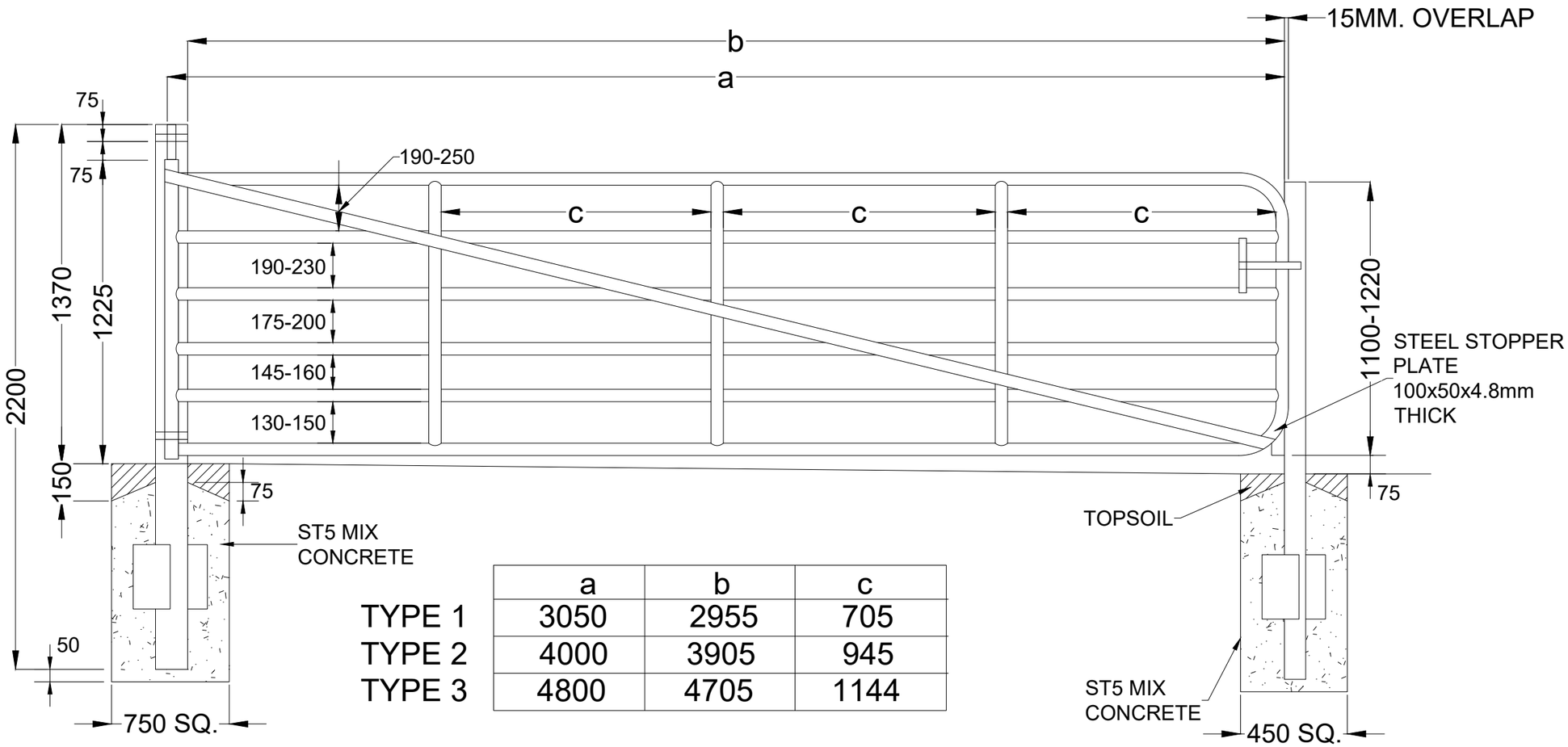
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| JOB | AC | 06.10.2026 | P01 |

OS SHEET No.: 6068, 6069, 6070, 6113, 6114, 6115, 6159, 6160, 6161, 6206, 6207, 6208

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Note
For illustrative purposes only
exact details to be confirmed


2400mm
Slievegrine Wind Farm
xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx




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

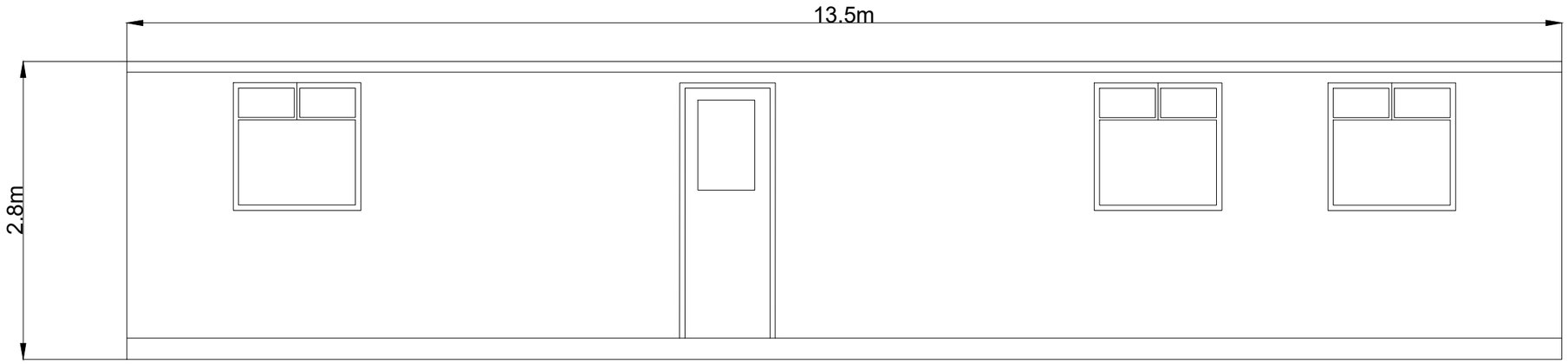
PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**Field Gate Detail**

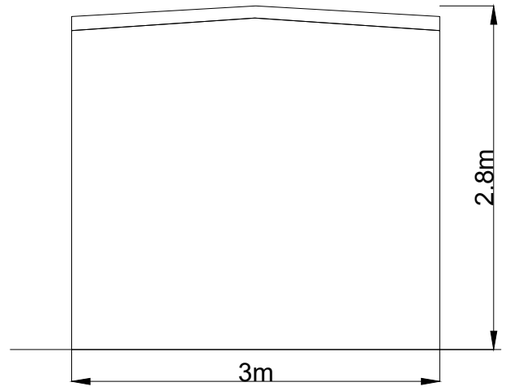
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| 240740 | 240740 - 50 | 1: 20 @ A3 |

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| JOB | AC | 06.10.2026 | P01 |

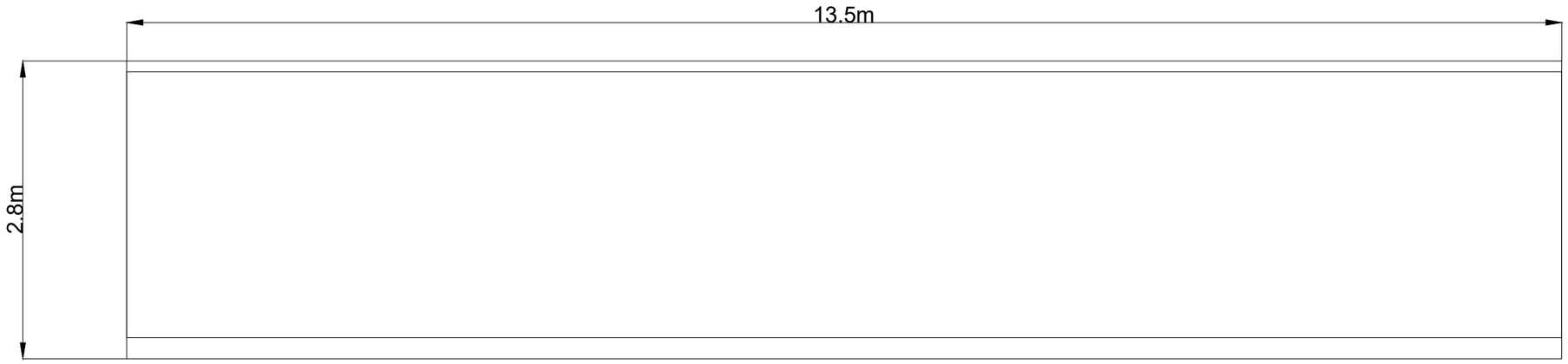
Email: info@www.mkoireland.ie /Website: www.mkoireland.ie



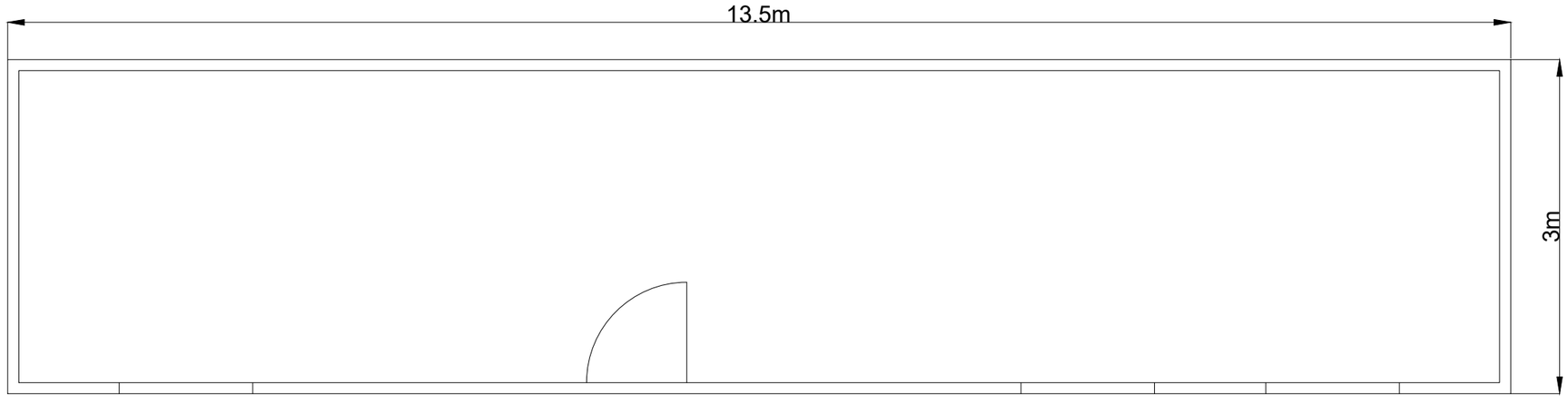

FRONT ELEVATION




SIDE ELEVATION




REAR ELEVATION




PLAN VIEW

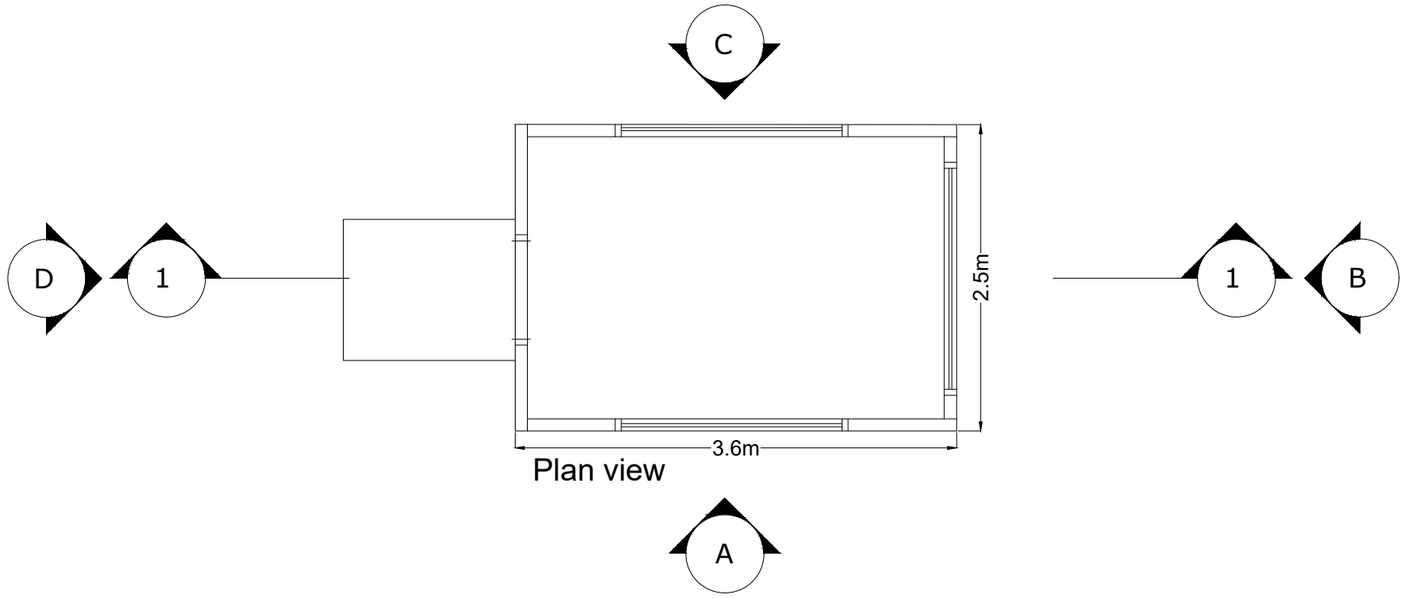
PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**Site Office & Staff Facilities Detail**

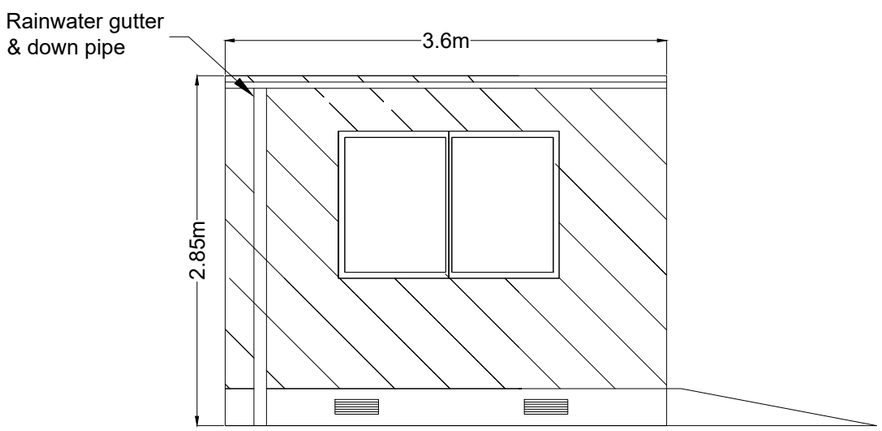
| PROJECT No.: | DRAWING No.: | SCALE: |
|---|---|---|
| 240740 | 240740 - 51 | 1:50 @ A3 |

| DRAWN BY: | CHECKED BY: | DATE: | REVISION.: |
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| JOB | AC | 06.10.2026 | P01 |

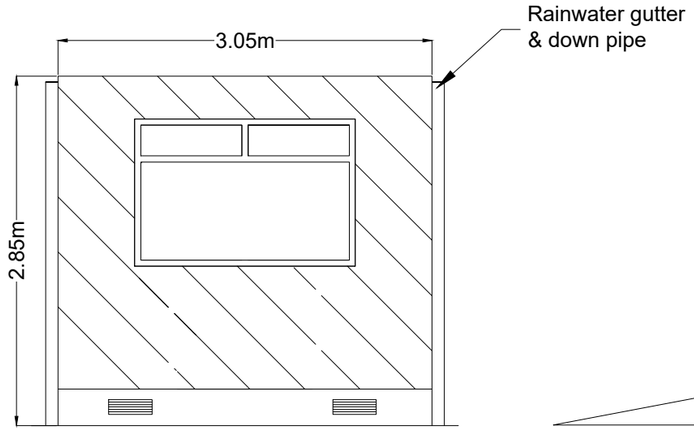
Email: info@www.mkoireland.ie /Website: www.mkoireland.ie



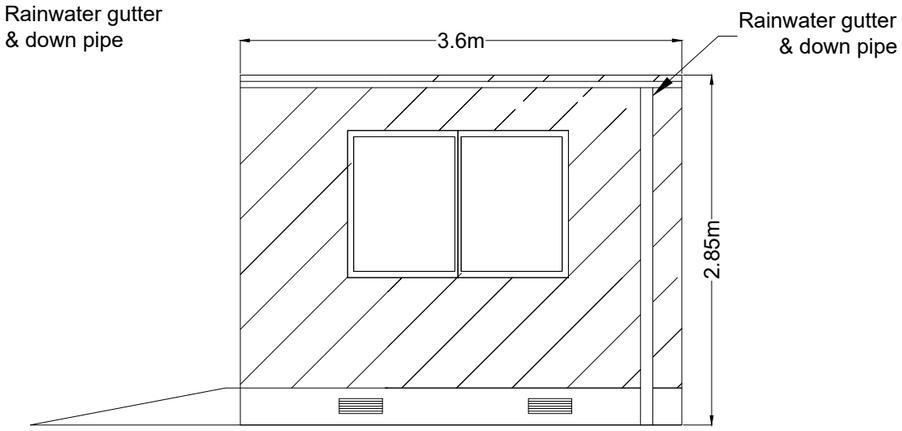

Plan view



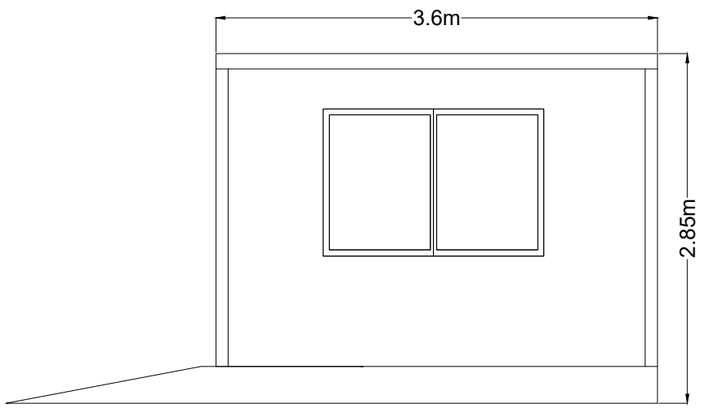

Elevation A



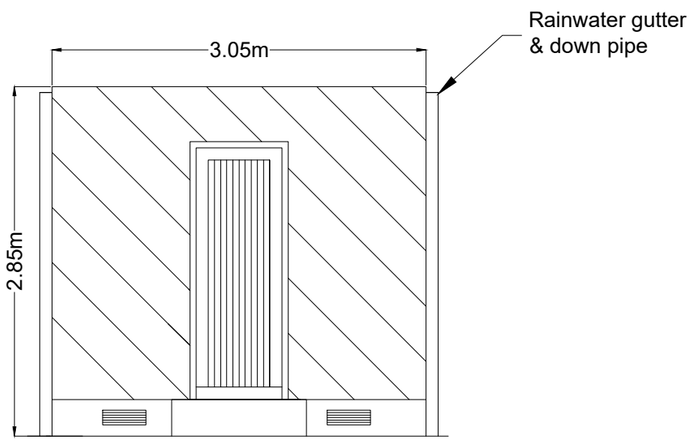

Elevation B




Elevation C




Section 1-1




Elevation D

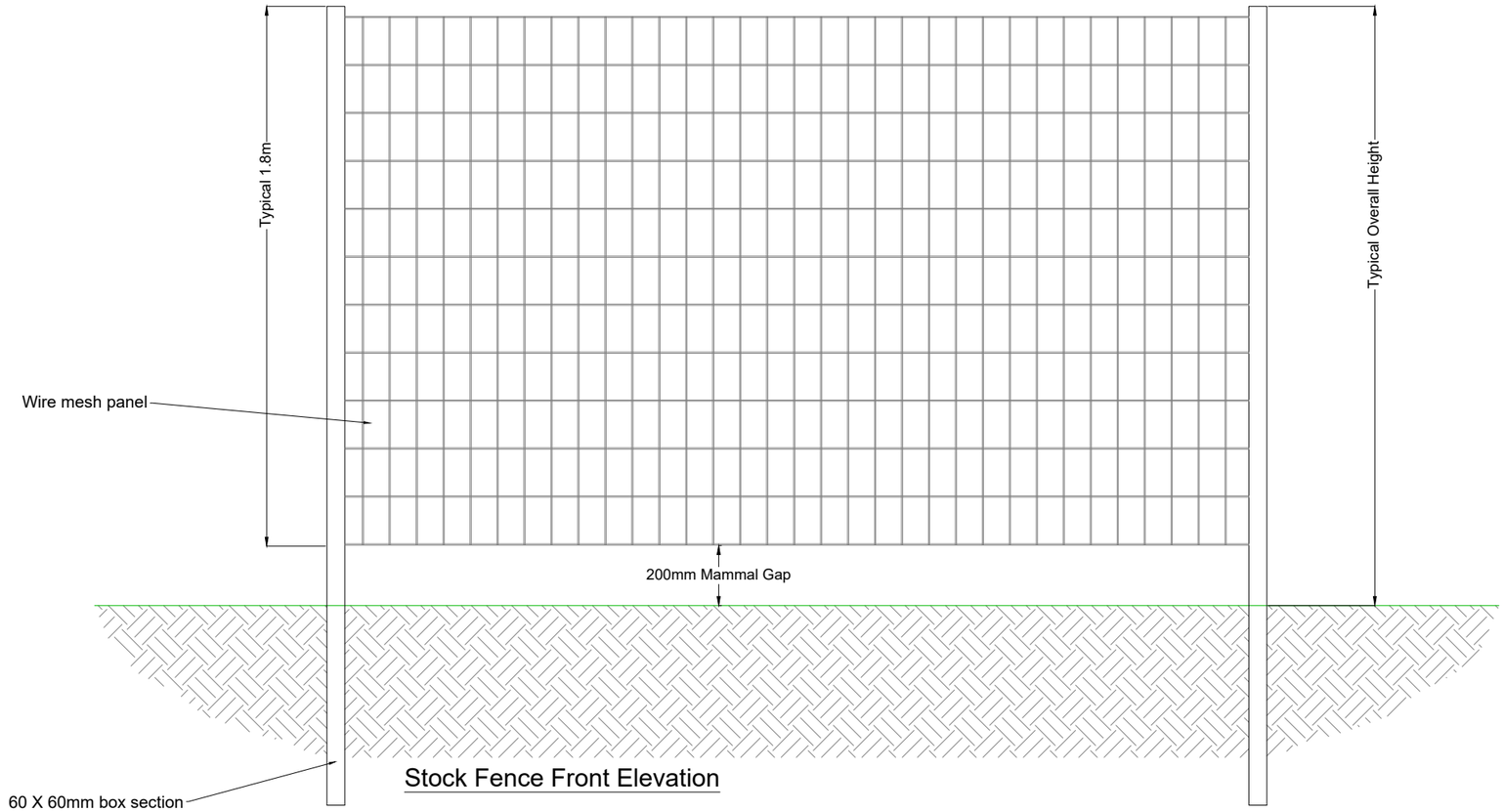
PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**Security Cabin Detail**

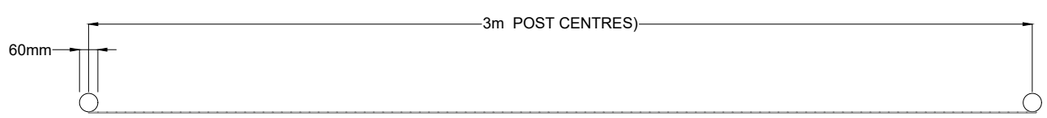
| PROJECT No.: | DRAWING No.: | SCALE: |
|---|---|---|
| 240740 | 240740 - 51.1 | 1:50 @ A3 |

| DRAWN BY: | CHECKED BY: | DATE: | REVISION.: |
|---|---|---|---|
| JOB | AC | 06.10.2026 | P01 |

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Stock Fence Front Elevation




Stock Fence Plan



INDICATIVE IMAGE

FINISH COLOUR: RAL6005



INDICATIVE IMAGE

Note:

All dimensions are in millimetres, unless noted otherwise.

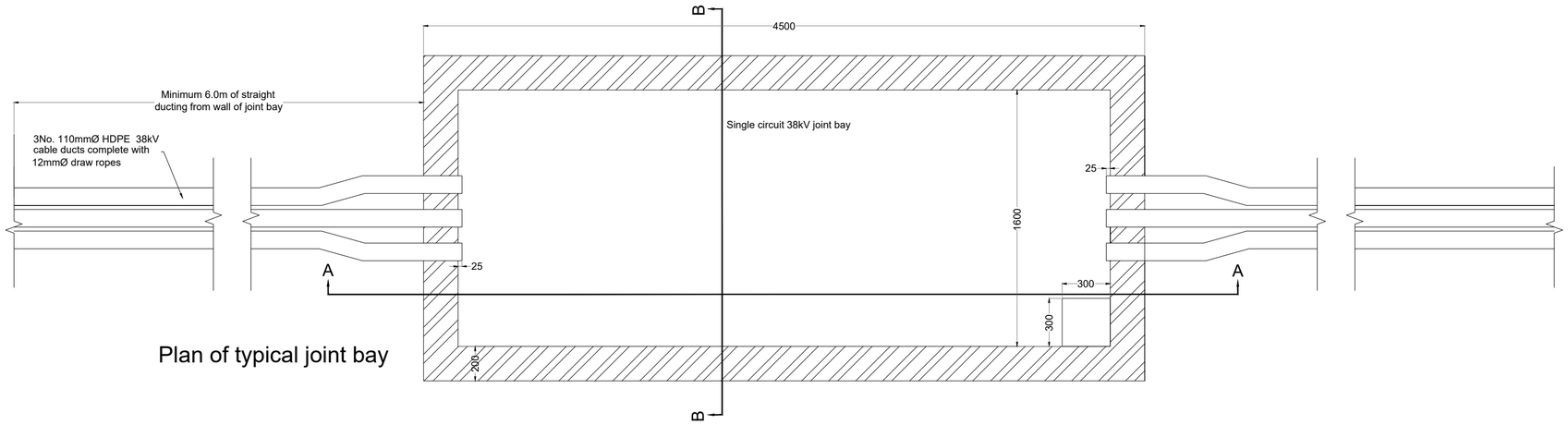
All dimensions to be checked on site and any discrepancy to be reported to the engineer.

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

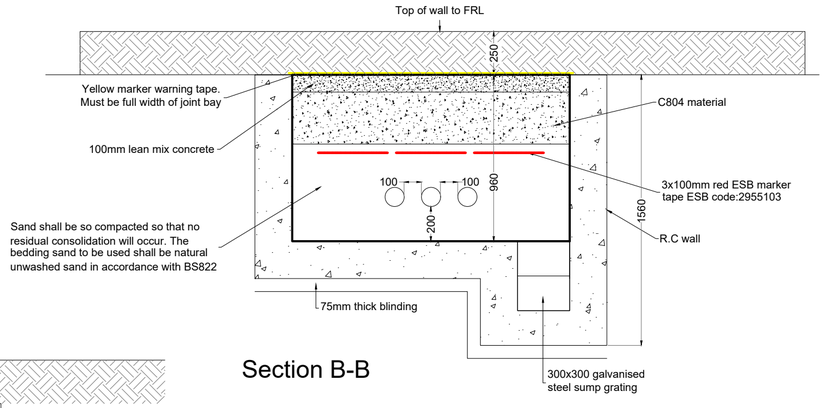
For illustration purposes only. Exact size and appearance of unit subject to manufacturer selection.

| | | | |
|---|---|---|---|
| PROJECT TITLE: **Slievegrine Renewable Energy Development, Co. Waterford** | | | |
| DRAWING TITLE: **Stock Fence Detail, Elevation & Indicative Images** | | | |
| PROJECT No.: **240740** | | DRAWING No.: **240740 - 52** | SCALE: **1: 20 @ A3** |
| DRAWN BY: **JOB** | CHECKED BY: **AC** | DATE: **06.10.2026** | REVISION.: P01 |

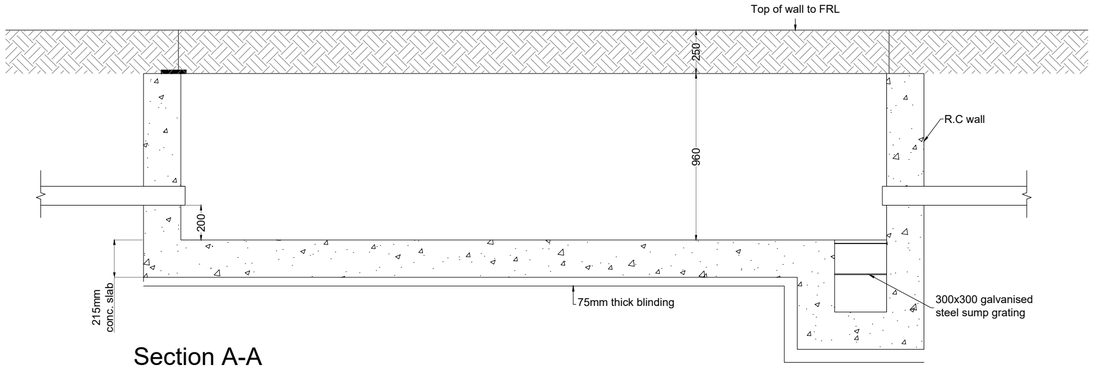
Email: info@www.mkoireland.ie /Website: www.mkoireland.ie




Plan of typical joint bay




Section B-B



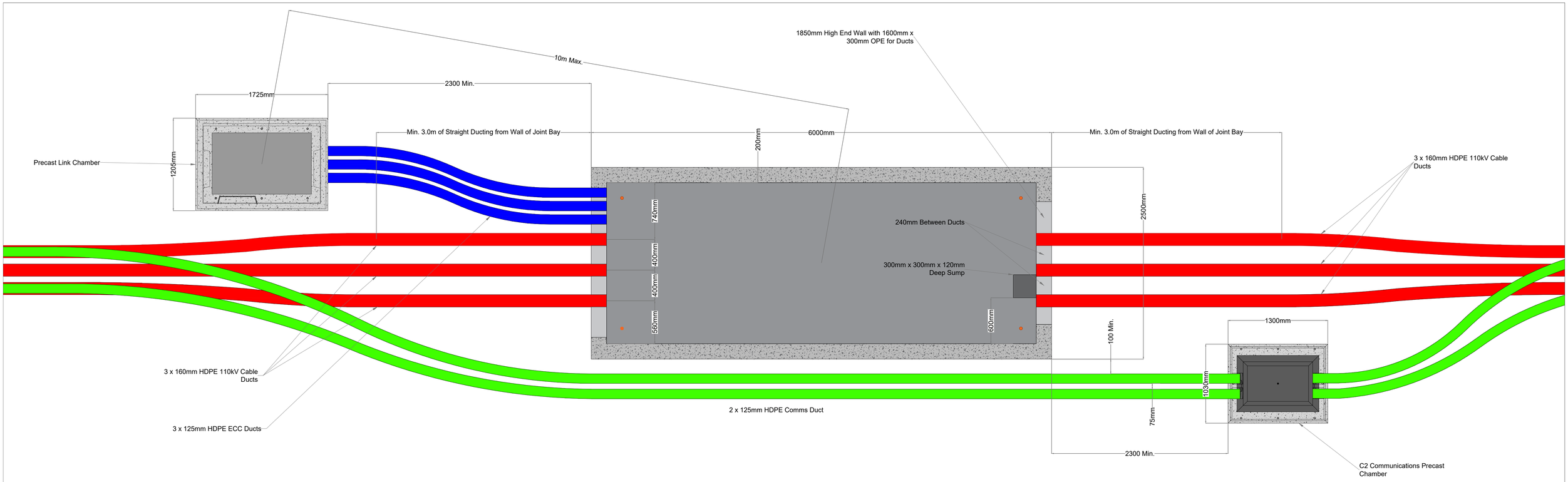

Section A-A

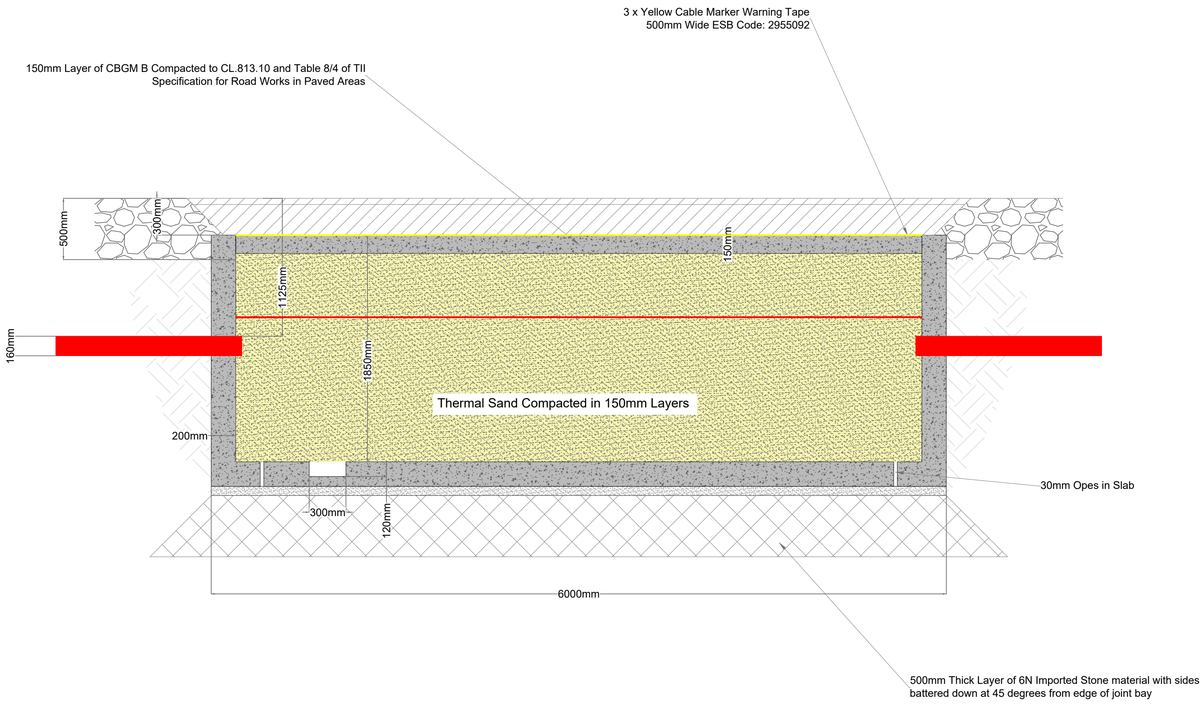
PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

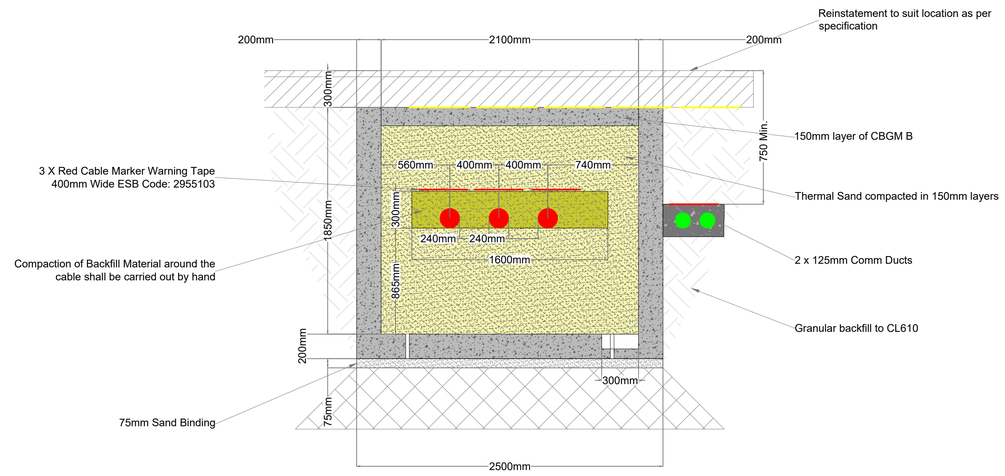
DRAWING TITLE:
**38kV Joint bay detail**

| PROJECT No.: | | DRAWING No.: | SCALE: |
|---|---|---|---|
| **240740** | | **240740 - 53** | **1:25 @ A2** |
| DRAWN BY: **JOB** | CHECKED BY: **AC** | DATE: **06.10.2026** | REVISION.: P01 |

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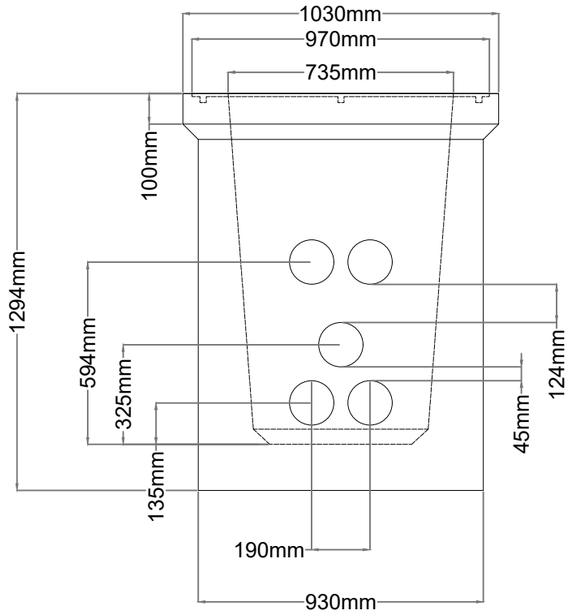

PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
# 110kV Joint Bay Detail

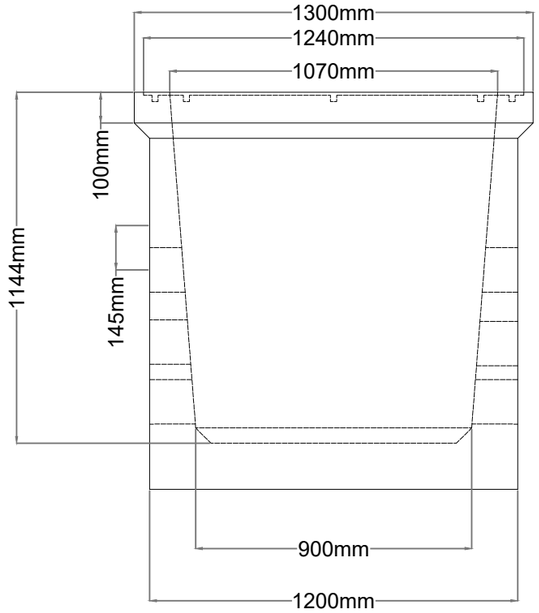
| PROJECT No.: | DRAWING No.: | SCALE: |
|---|---|---|
| 240740 | 240740 - 54 | 1:25 @ A1 |

| DRAWN BY: | CHECKED BY: | DATE: | REVISION.: |
|---|---|---|---|
| JOB | AC | 06.10.2026 | P01 |

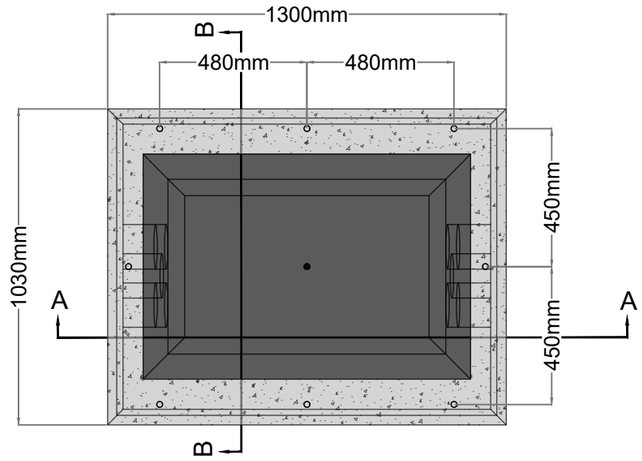
Email: info@www.mkoireland.ie /Website: www.mkoireland.ie




Section A-A




Section B-B




Plan of typical C2 communications chamber

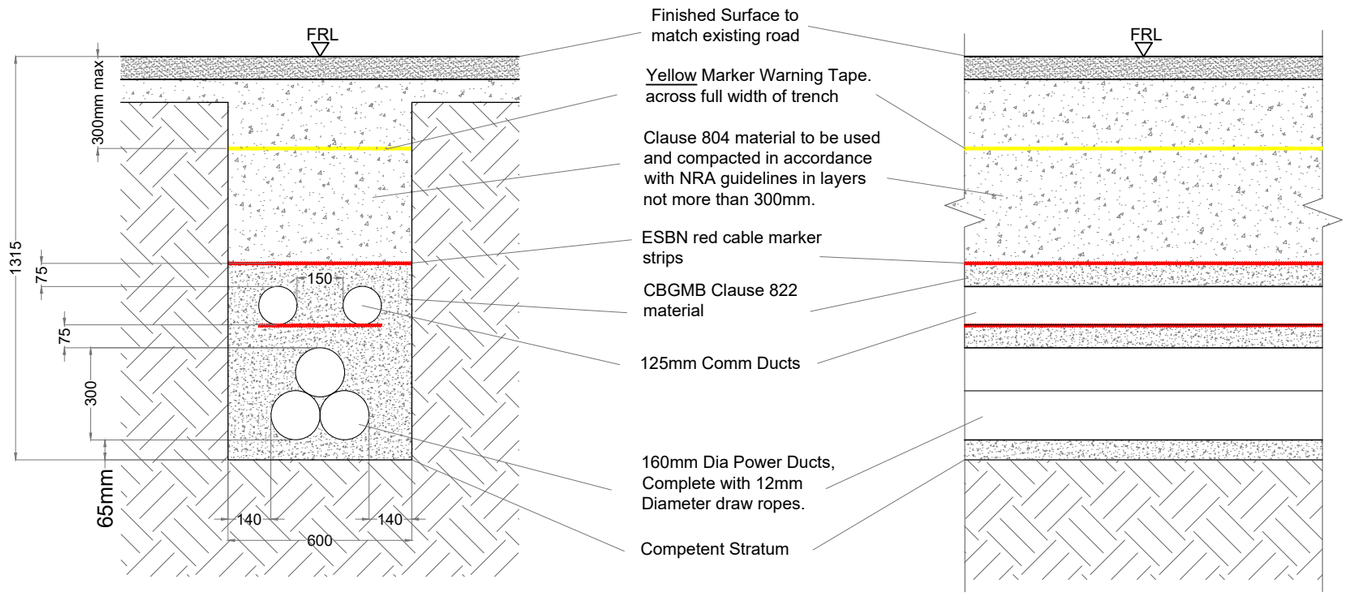
PROJECT TITLE: **Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE: **C2 Comms Chamber Detail**

| PROJECT No.: | DRAWING No.: | SCALE: |
|---|---|---|
| 240740 | 240740 - 55 | 1:20 @ A3 |

| DRAWN BY: | CHECKED BY: | DATE: | REVISION.: |
|---|---|---|---|
| JOB | AC | 06.10.2026 | P01 |

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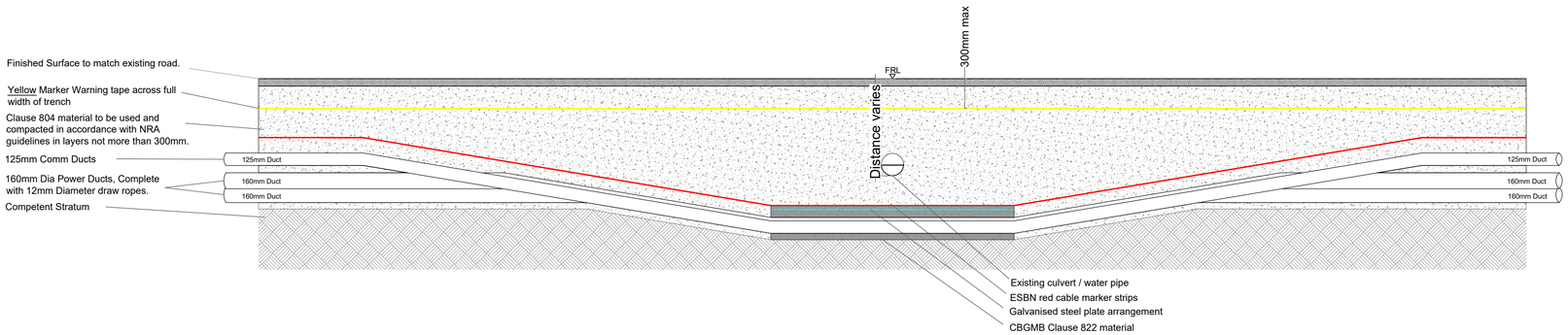



## Option A - Standard 110kV Trench Detail in Road

SCALE 1:20

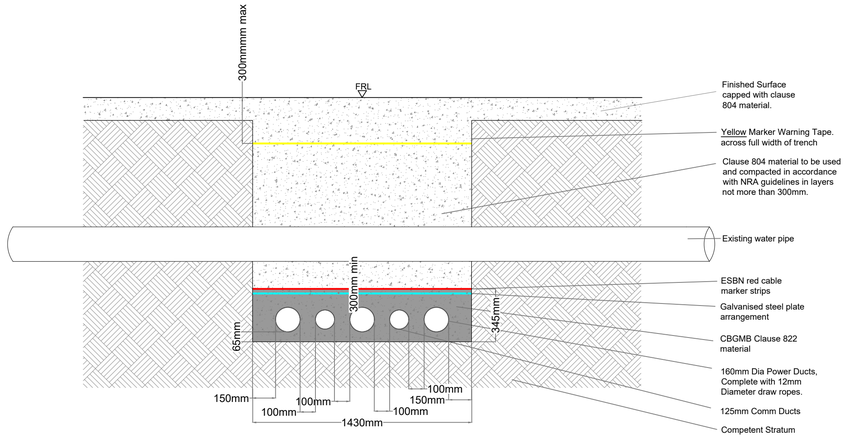
| | | | |
|---|---|---|---|
| PROJECT TITLE: Slievegrine Renewable Energy Development, Co. Waterford | | | |
| DRAWING TITLE: Option A - Standard 110kV Trench Detail in Road | | | |
| PROJECT No.: 240740 | | DRAWING No.: 240740 - 56 | SCALE: 1:20 @ A3 |
| DRAWN BY: JOB | CHECKED BY: AC | DATE: 06.10.2026 | REVISION.: P01 |

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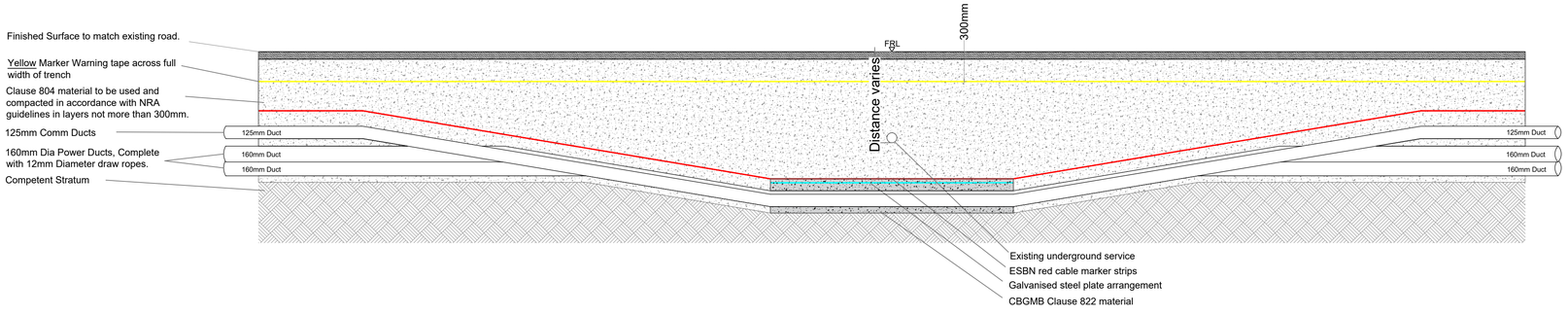

## Option B - Flat bed under existing pipe - 110kV

SCALE 1:30



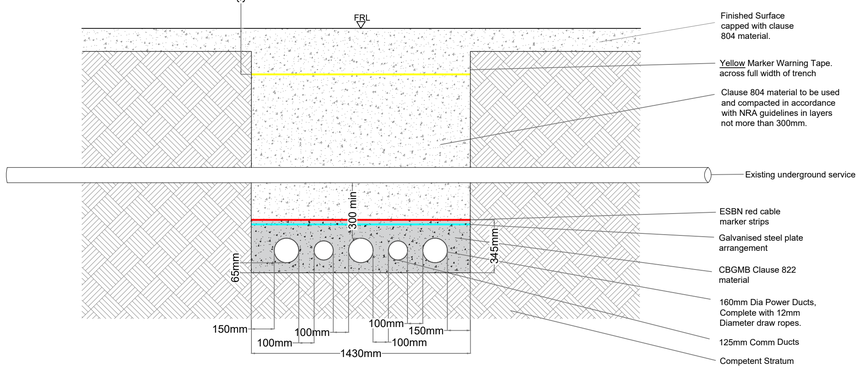

## Option B - Flat bed under existing pipe - 110kV

SCALE 1:20




## Option B - Flat bed under existing service - 110kV

SCALE 1:30




## Option B - Flat bed under existing service - 110kV

SCALE 1:20

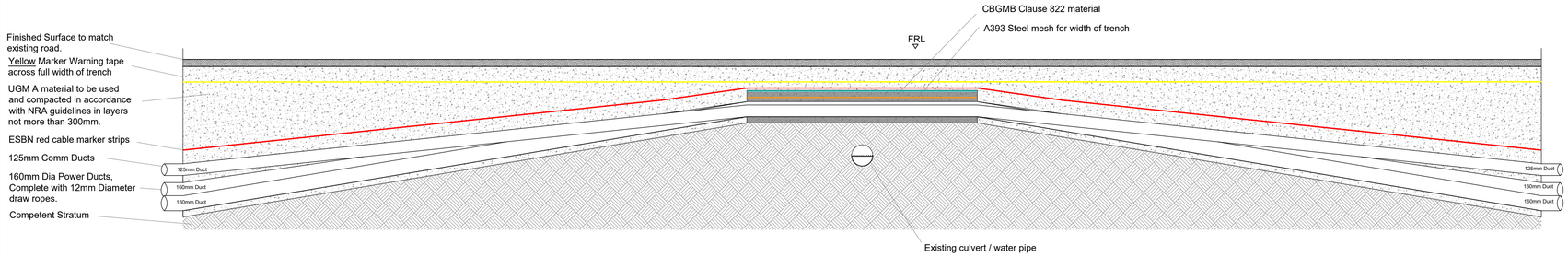
PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**Option B - Flat bed under - 110kV**

| PROJECT No.: | DRAWING No.: | SCALE: |
|---|---|---|
| 240740 | 240740 - 57 | As Shown @ A1 |

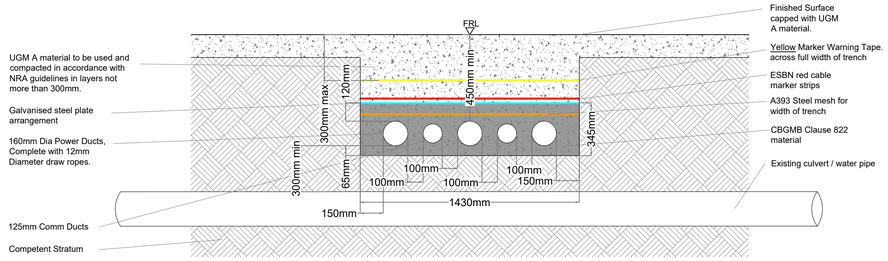
| DRAWN BY: | CHECKED BY: | DATE: | REVISION.: |
|---|---|---|---|
| JOB | AC | 06.10.2026 | P01 |

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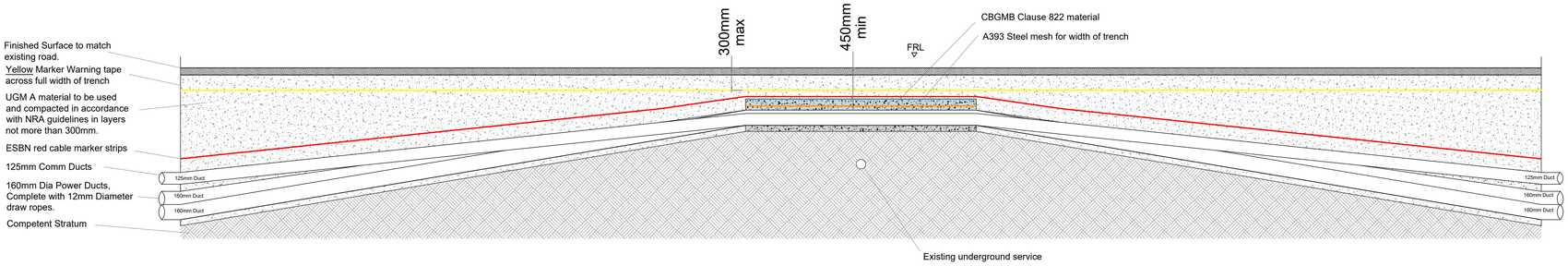

## Option C - Flat bed over existing pipe - 110kV

SCALE 1:30



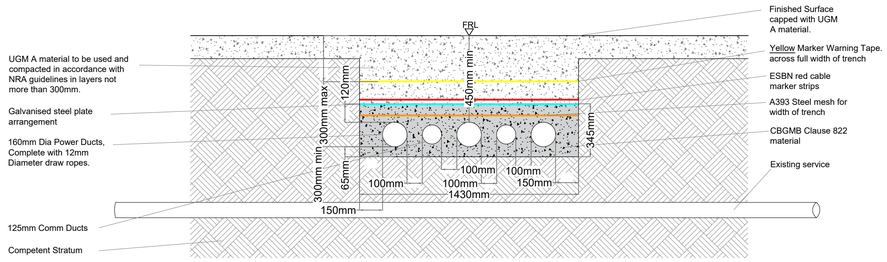

## Option C - Flat bed over existing pipe - 110kV

SCALE 1:20




## Option C - Flat bed over existing service - 110kV

SCALE 1:30




## Option C - Flat bed over existing service - 110kV

SCALE 1:20

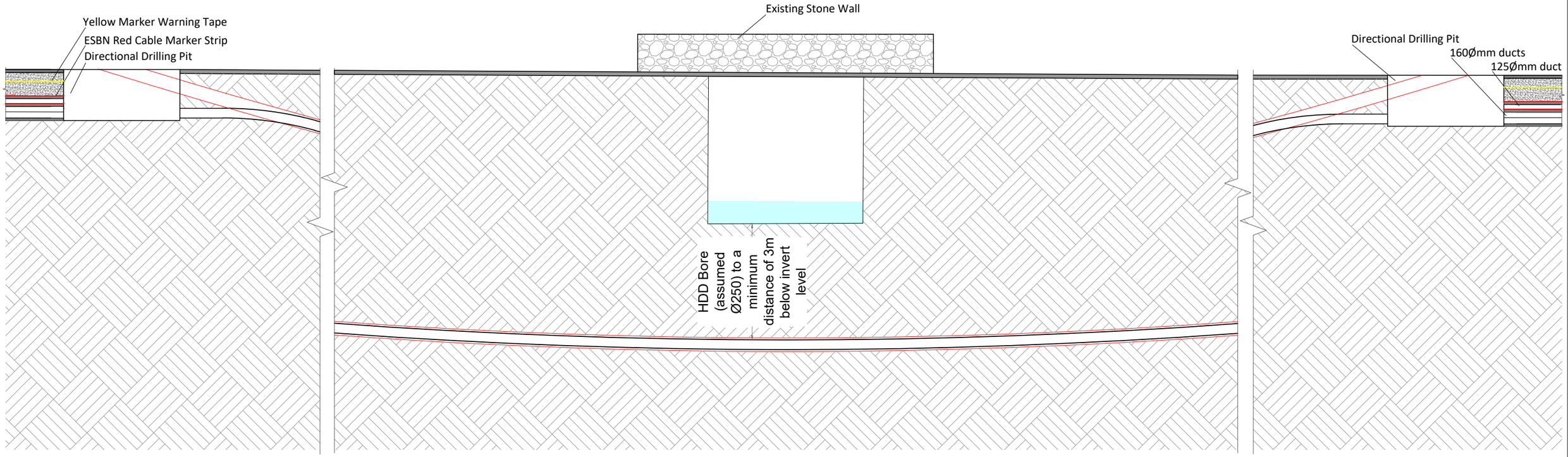
PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**Option C - Flat bed over -110kV**

| PROJECT No.: | DRAWING No.: | SCALE: |
|---|---|---|
| 240740 | 240740 - 58 | As Shown @ A1 |

| DRAWN BY: | CHECKED BY: | DATE: | REVISION.: |
|---|---|---|---|
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## Option D - Horizontal Directional Drill Under Existing Watercourse Crossing

SCALE 1:100



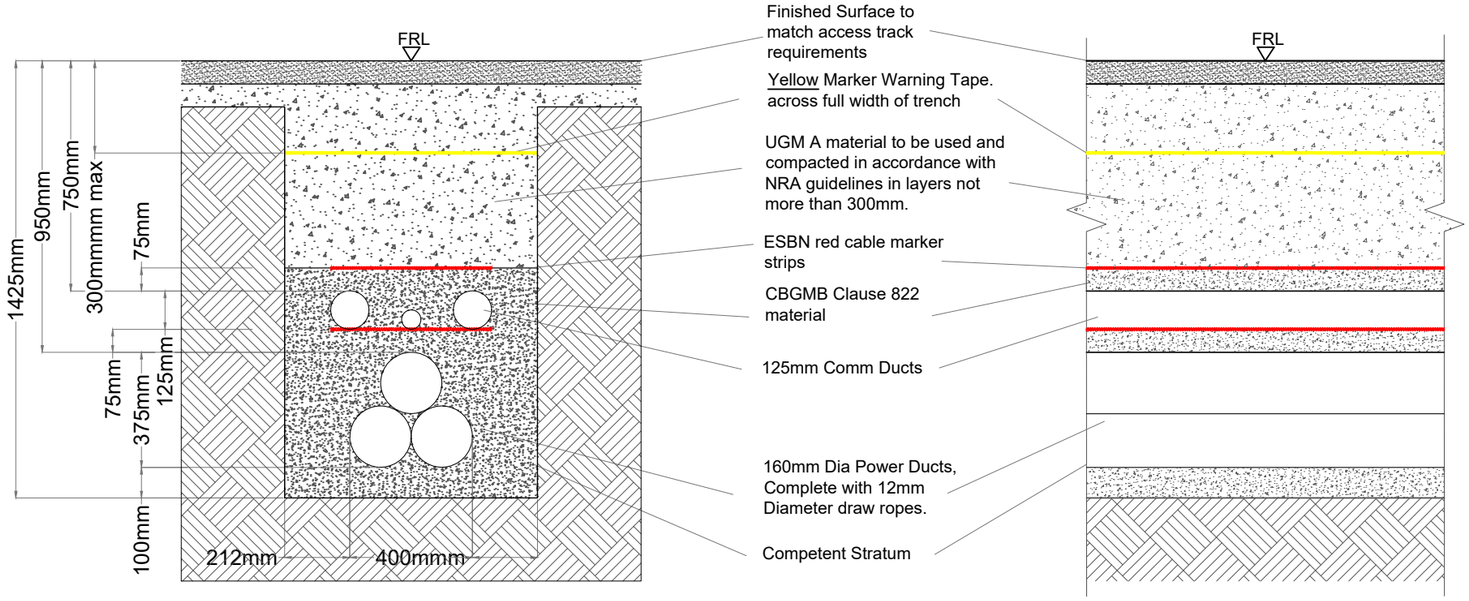
Directional Drilling Rig



Drilling Rig & Launch Pit

| | | | |
|---|---|---|---|
| PROJECT TITLE: **Slievegrine Renewable Energy Development, Co. Waterford** | | | |
| DRAWING TITLE: **Option D - Horizontal Directional Drill Under Existing Watercourse Crossing** | | | |
| PROJECT No.: **240740** | DRAWING No.: **240740 - 59** | SCALE: **1:100 @ A3** | |
| DRAWN BY: **JOB** | CHECKED BY: **AC** | DATE: **06.10.2026** | REVISION.: P01 |

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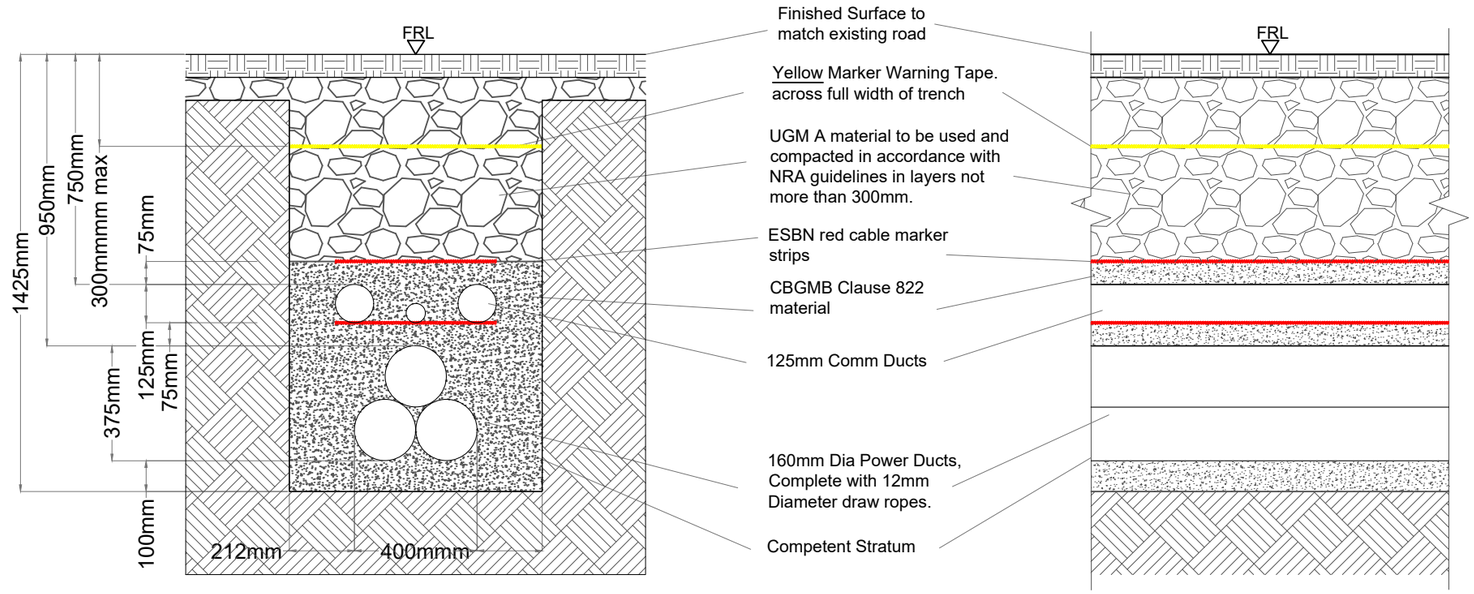



## Option A - Standard 220kV Trench Detail in Access Track

SCALE 1:20

| | | | |
|---|---|---|---|
| PROJECT TITLE: Slievegrine Renewable Energy Development, Co. Waterford | | | |
| DRAWING TITLE: Option A - Standard 220kV Trench Detail in Access Track | | | |
| PROJECT No.: 240740 | | DRAWING No.: 240740 - 60 | SCALE: 1:20 @ A3 |
| DRAWN BY: JOB | CHECKED BY: AC | DATE: 06.10.2026 | REVISION.: P01 |

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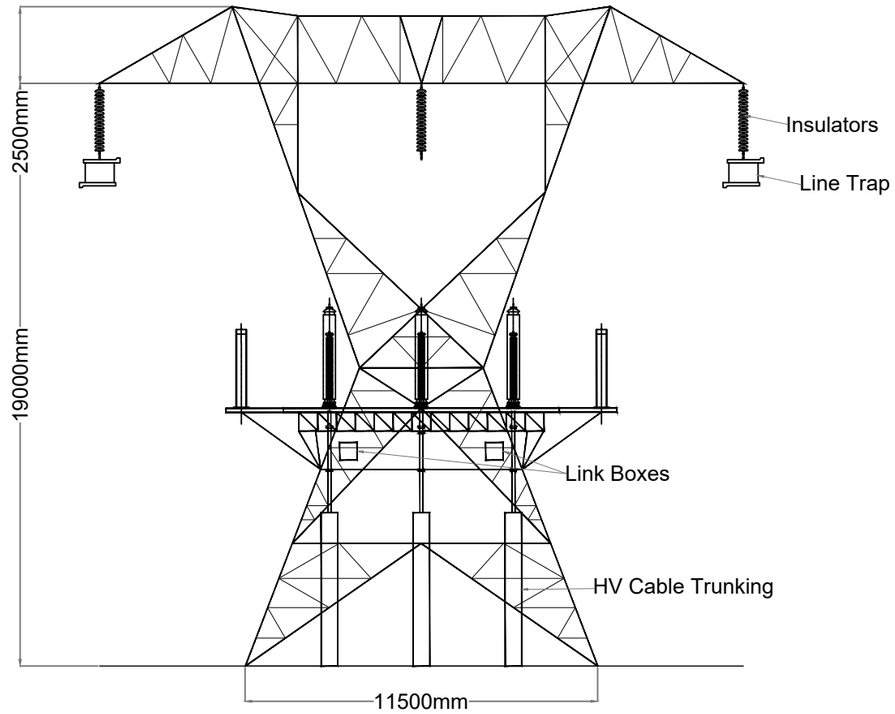


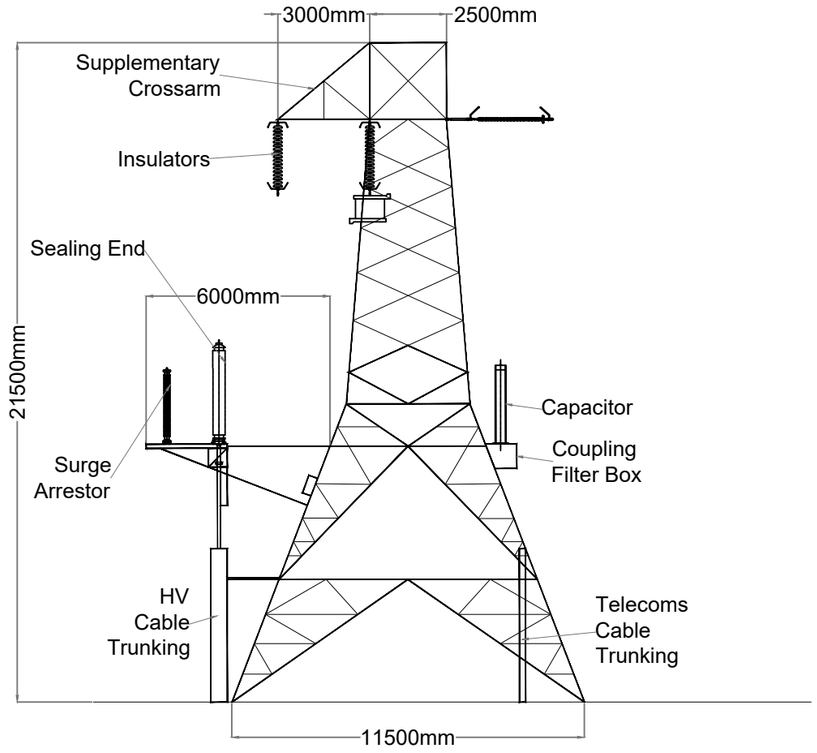

## Option B - Standard 220kV Trench Detail Through Off Road Sections

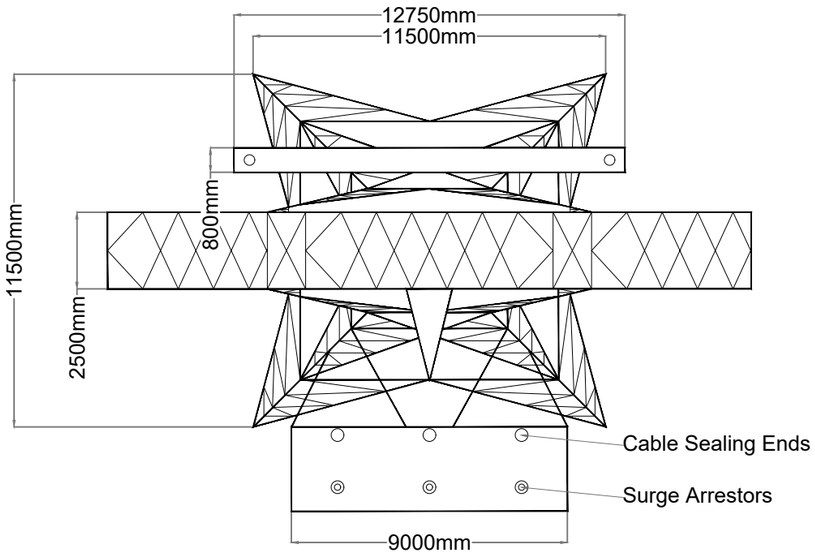
SCALE 1:20

| | | | |
|---|---|---|---|
| PROJECT TITLE: Slievegrine Renewable Energy Development, Co. Waterford | | | |
| DRAWING TITLE: Option B - Standard 220kV Trench Detail Through Off Road Sections | | | |
| PROJECT No.: 240740 | | DRAWING No.: 240740 - 61 | SCALE: 1:20 @ A3 |
| DRAWN BY: JOB | CHECKED BY: AC | DATE: 06.10.2026 | REVISION.: P01 |

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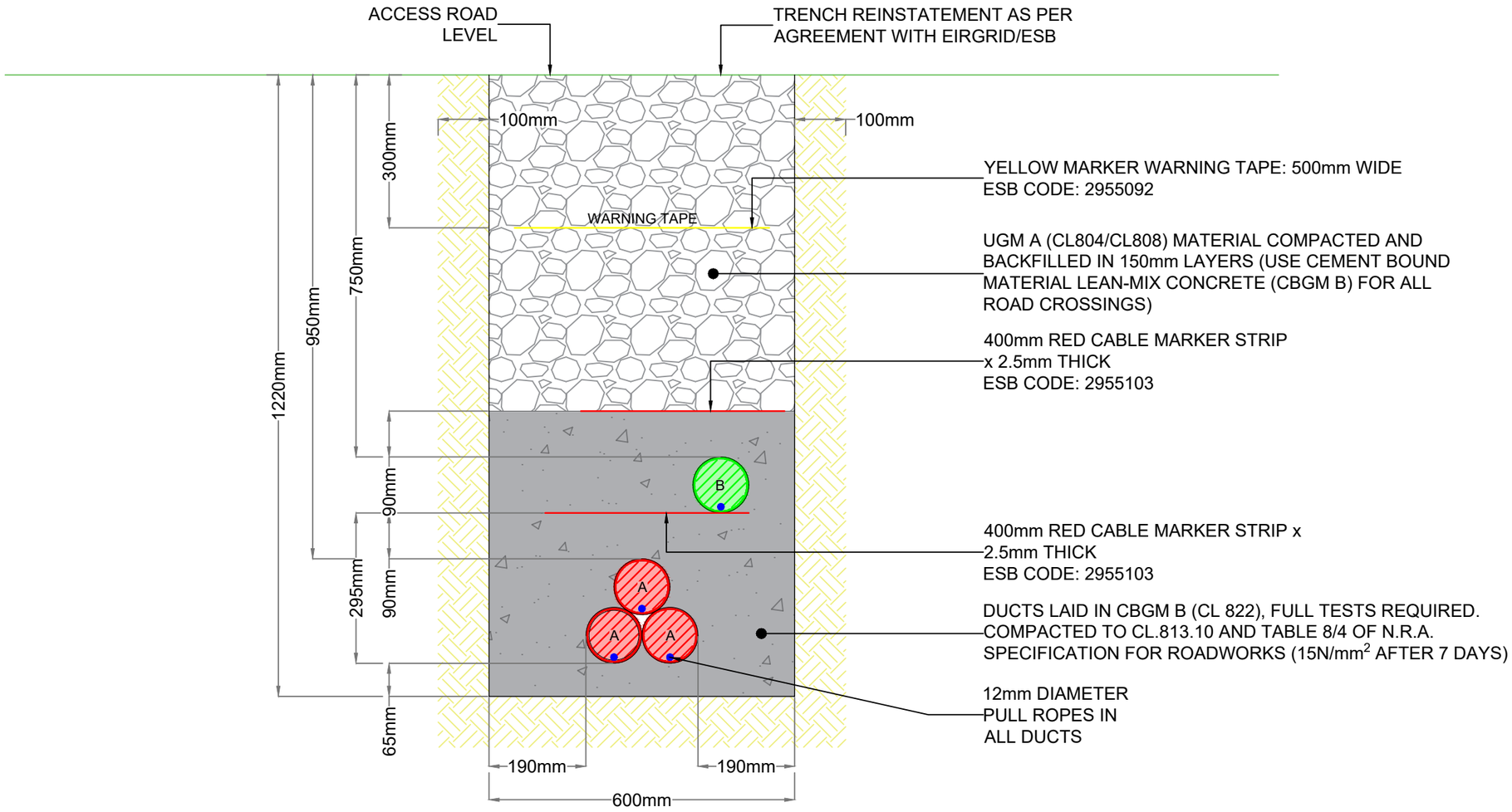



| | | | |
|---|---|---|---|
| PROJECT TITLE: **Slievegrine Renewable Energy Development, Co. Waterford** | | | |
| DRAWING TITLE: **220kV Tower** | | | |
| PROJECT No.: **240740** | | DRAWING No.: **240740 - 62** | SCALE: **5:1 @ A3** |
| DRAWN BY: **JOB** | CHECKED BY: **AC** | DATE: **06.10.2026** | REVISION.: P01 |

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A = 110mm OUTER DIAMETER HDPE ESB APPROVED DUCT, SDR = 17.6 - POWER DUCTS
B = 110mm OUTER DIAMETER HDPE ESB APPROVED DUCT, SDR = 17.6 - COMMUNICATIONS DUCTS

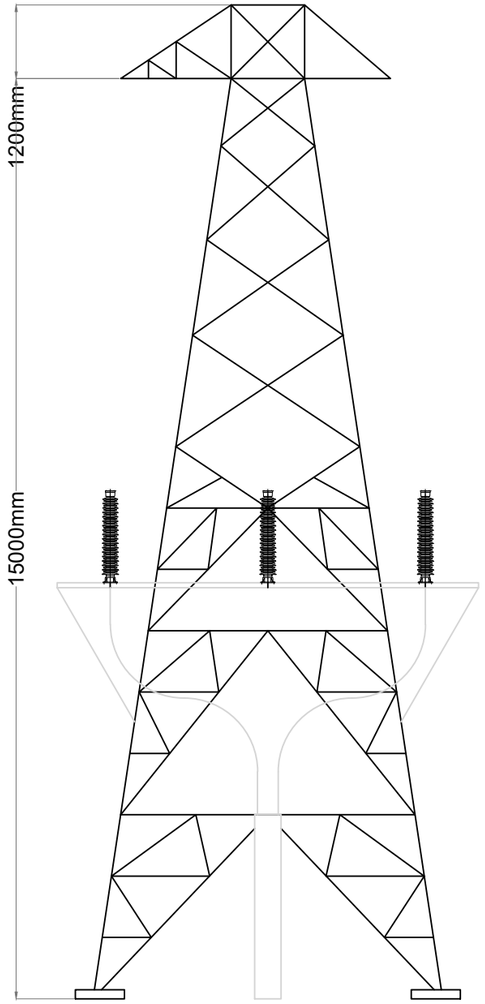
PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**38kV Trench Detail**

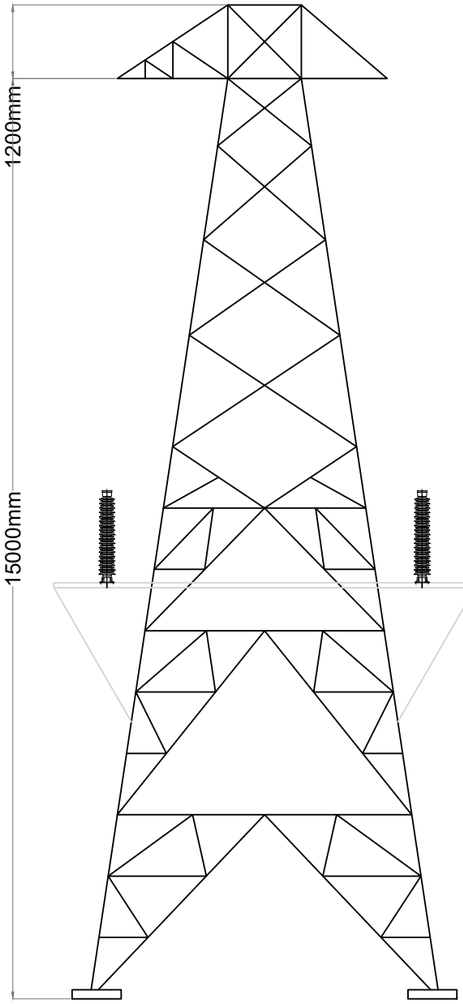
| PROJECT No.: | DRAWING No.: | SCALE: |
|---|---|---|
| 240740 | 240740 - 63 | 1:10 @ A3 |

| DRAWN BY: | CHECKED BY: | DATE: | REVISION.: |
|---|---|---|---|
| JOB | AC | 06.10.2026 | P01 |

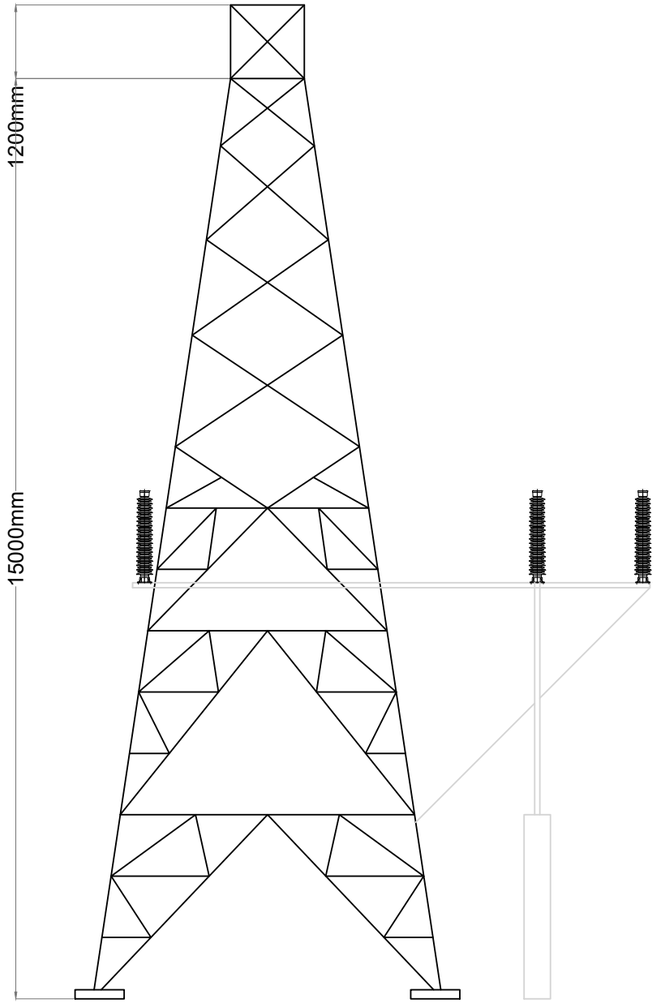
Email: info@www.mkoireland.ie /Website: www.mkoireland.ie



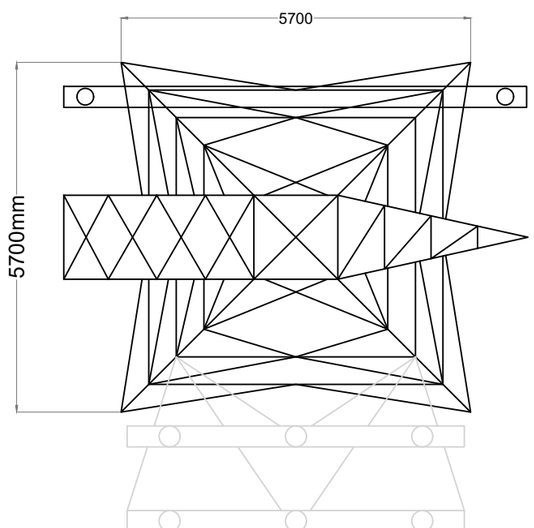

Front




Rear



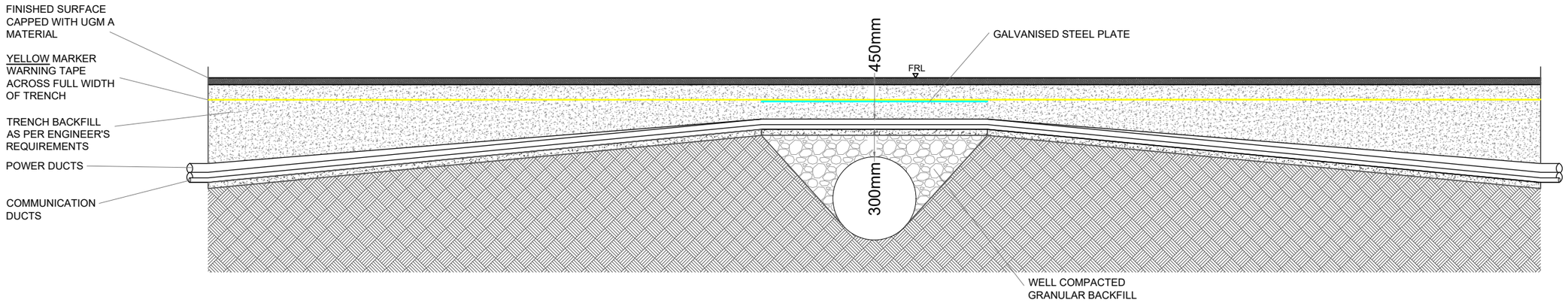

Side




Plan View

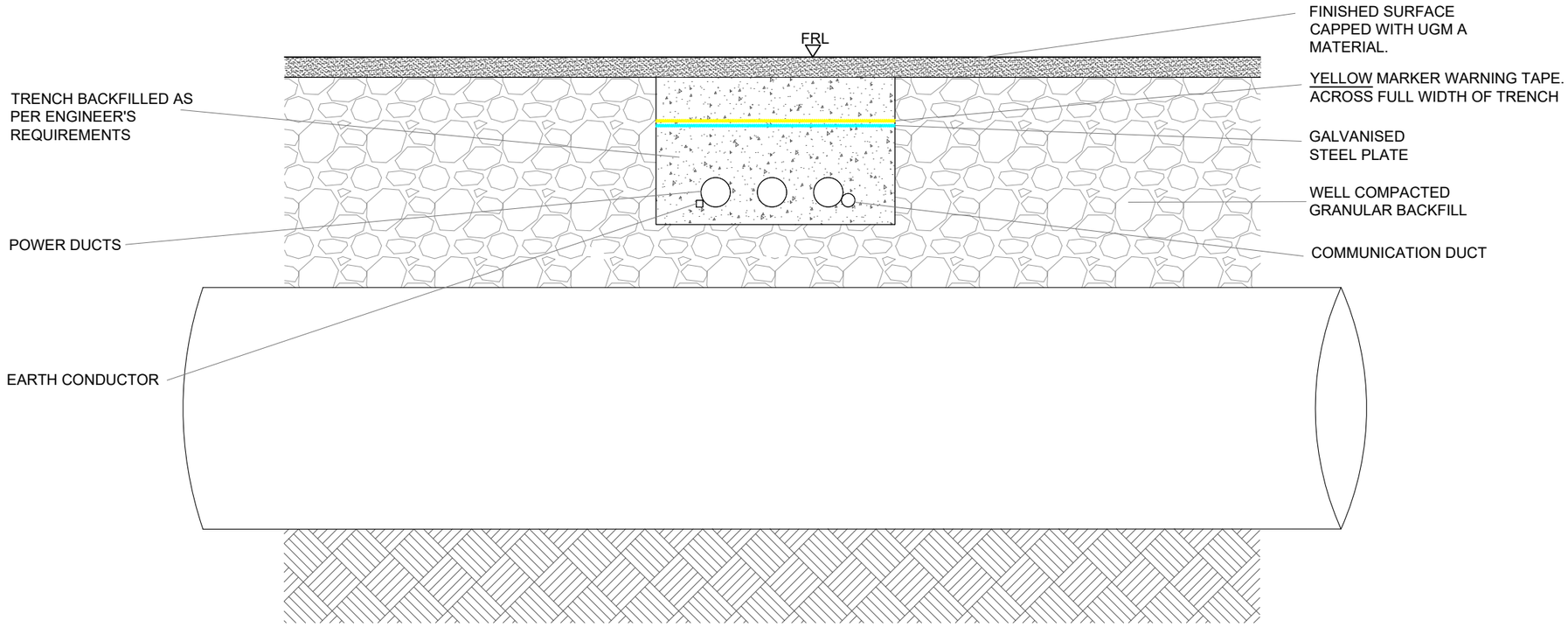
| | | | |
|---|---|---|---|
| PROJECT TITLE: **Slievegrine Renewable Energy Development, Co. Waterford** | | | |
| DRAWING TITLE: **38kV Tower** | | | |
| PROJECT No.: **240740** | | DRAWING No.: **240740 - 64** | SCALE: **1:100 @ A3** |
| DRAWN BY: **JOB** | CHECKED BY: **AC** | DATE: **06.10.2026** | REVISION.: P01 |

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## Culvert Crossing - 33kV - Longitudinal Section

SCALE 1:50




## Culvert Crossing - 33kV - Cross Section

SCALE 1:20

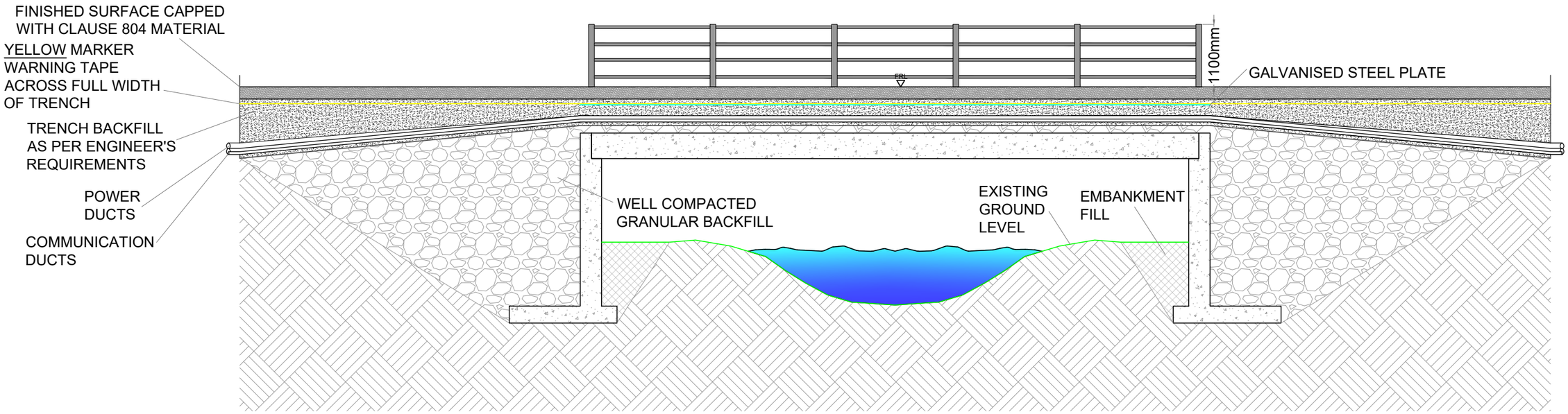
PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**33kV Culvert Crossing**

| PROJECT No.: | DRAWING No.: | SCALE: |
|---|---|---|
| 240740 | 240740 - 65 | As Shown @ A3 |

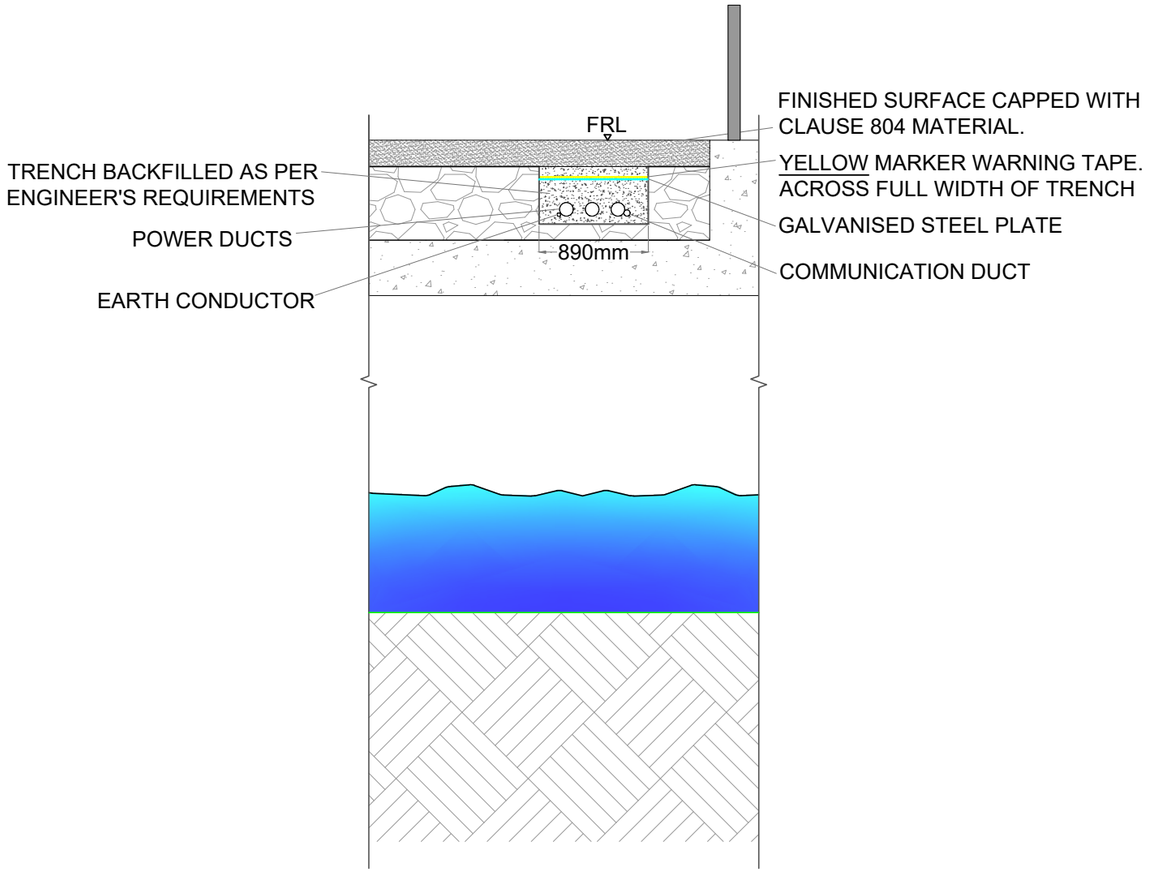
| DRAWN BY: | CHECKED BY: | DATE: | REVISION.: |
|---|---|---|---|
| JOB | AC | 06.10.2026 | P01 |

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## Clear Span Watercourse Crossing - 33kV - Longitudinal Section

SCALE: 1:75




## Clear Span Watercourse Crossing - 33kV - Cross Section

SCALE: 1:50

PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**33kV Clear Span Crossing**

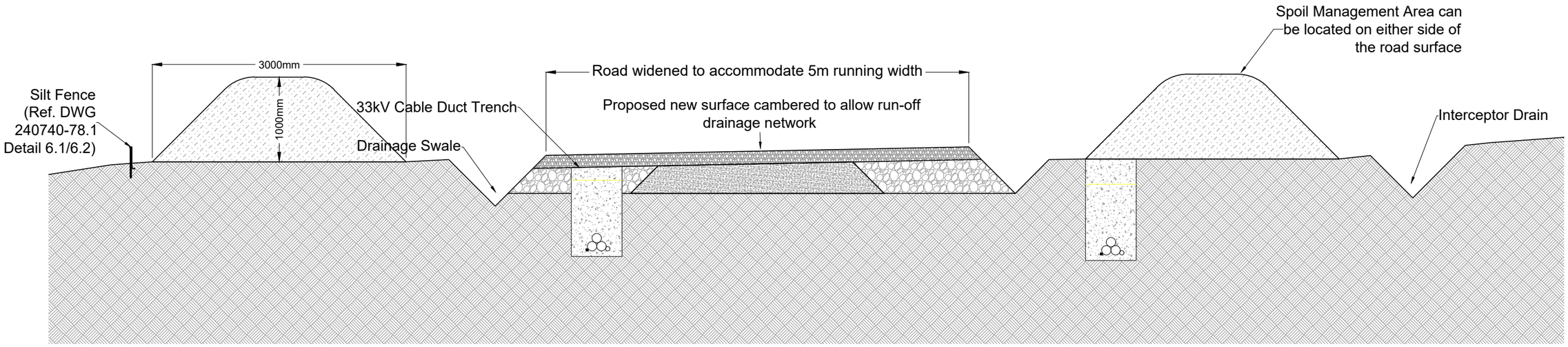
| PROJECT No.: | DRAWING No.: | SCALE: |
|---|---|---|
| 240740 | 240740 - 66 | As Shown @ A3 |

| DRAWN BY: | CHECKED BY: | DATE: | REVISION.: |
|---|---|---|---|
| JOB | AC | 06.10.2026 | P01 |

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## Drawing Notes

1. Widening can occur to either side of existing roads dependent on site conditions.
2. Depths of road fill to vary dependent on site conditions.




## Existing Excavated Road Widening Section

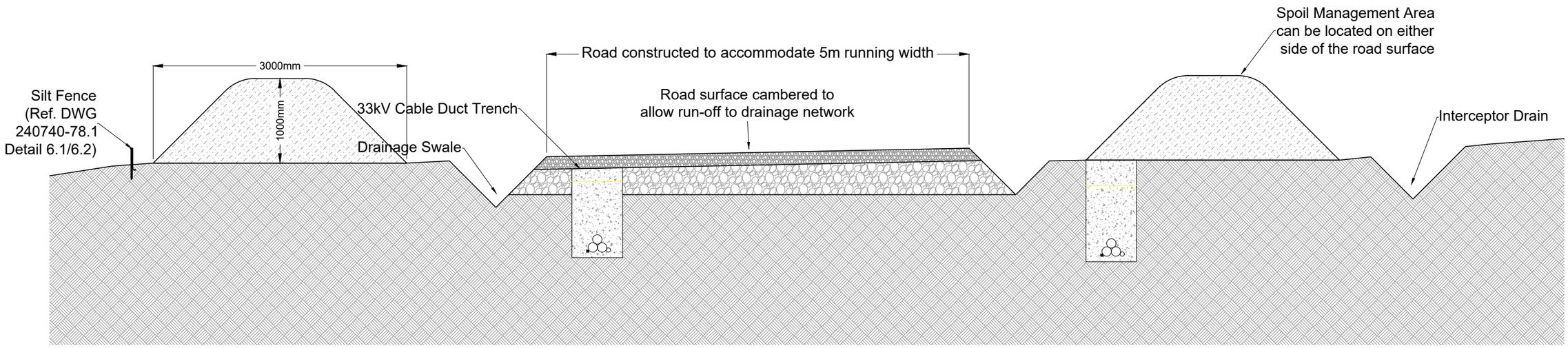
The cabling may be placed on either side of the roads, on both sides of the road or within the road. The exact configuration of the underground cabling will be set by the requirements of the electrical designers at detailed design stage.

| | | | |
|---|---|---|---|
| PROJECT TITLE: **Slievegrine Renewable Energy Development, Co. Waterford** | | | |
| DRAWING TITLE: **Upgrade of Existing Excavated Access Roads Section** | | | |
| PROJECT No.: **240740** | | DRAWING No.: **240740 - 67** | SCALE: **1:50 @ A3** |
| DRAWN BY: **JOB** | CHECKED BY: **AC** | DATE: **06.10.2026** | REVISION.: P01 |

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## Drawing Notes

1. Widening can occur to either side of existing roads dependent on site conditions.
2. Depths of road fill to vary dependent on site conditions.




Excavated Road Section

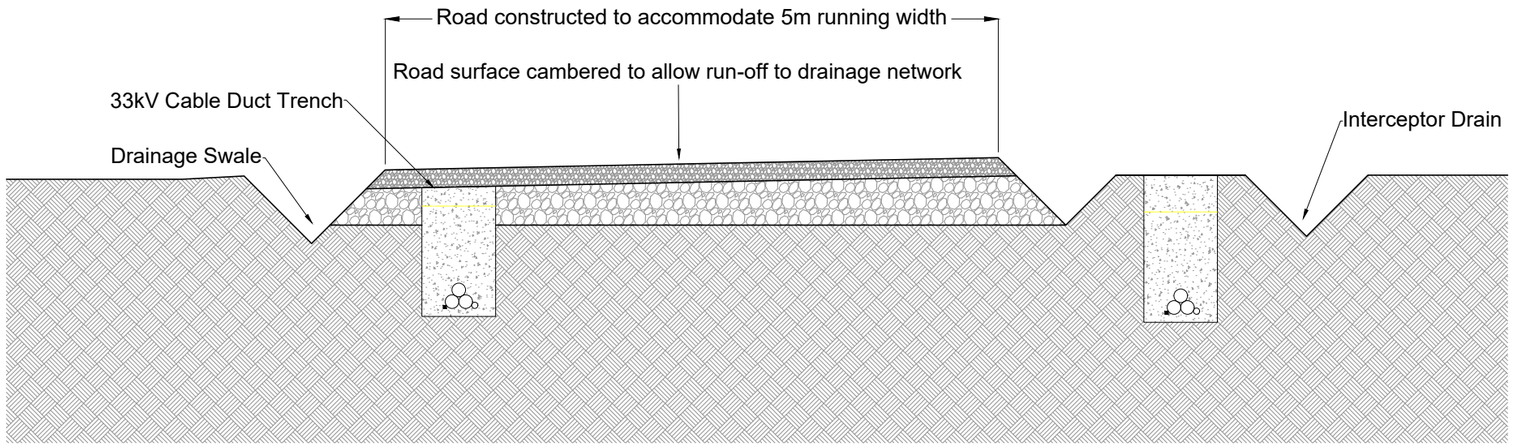
The cabling may be placed on either side of the roads, on both sides of the road or within the road. The exact configuration of the underground cabling will be set by the requirements of the electrical designers at detailed design stage.

| | | | |
|---|---|---|---|
| PROJECT TITLE: **Slievegrine Renewable Energy Development, Co. Waterford** | | | |
| DRAWING TITLE: **New excavate and replace access road section** | | | |
| PROJECT No.: **240740** | | DRAWING No.: **240740 - 68** | SCALE: **1:50 @ A3** |
| DRAWN BY: **JOB** | CHECKED BY: **AC** | DATE: **06.10.2026** | REVISION.: P01 |

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## Drawing Notes

1. Widening can occur to either side of existing roads dependent on site conditions.
2. Depths of road fill to vary dependent on site conditions.



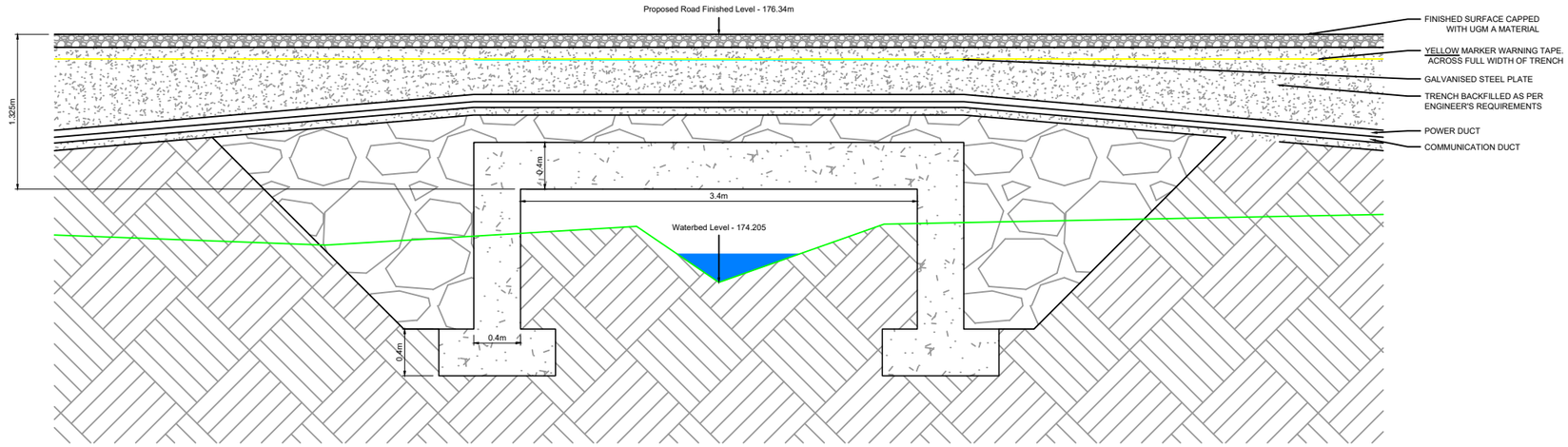

The surface of the excavated access roads will be overlaid with approximately 500mm of selected granular fill.

Excavated Road Section

The cabling may be placed on either side of the roads, on both sides of the road or within the road. The exact configuration of the underground cabling will be set by the requirements of the electrical designers at detailed design stage.

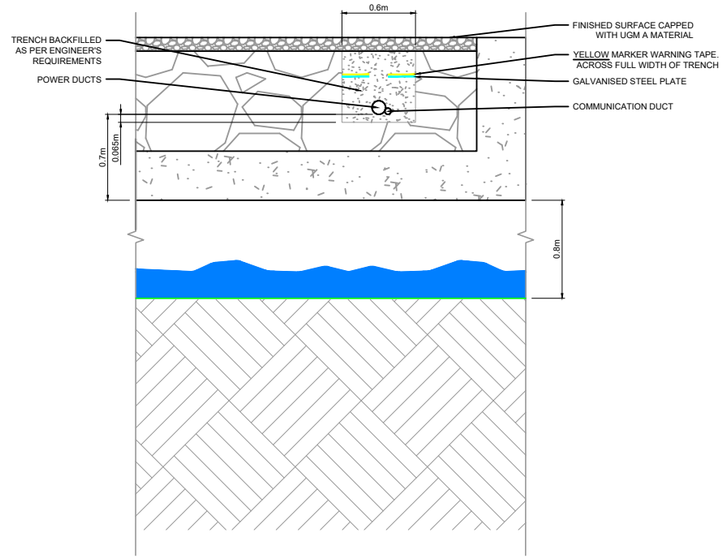
| | | | |
|---|---|---|---|
| PROJECT TITLE: **Slievegrine Renewable Energy Development, Co. Waterford** | | | |
| DRAWING TITLE: **Excavated road section** | | | |
| PROJECT No.: **240740** | | DRAWING No.: **240740 - 69** | SCALE: **1:50 @ A3** |
| DRAWN BY: **JOB** | CHECKED BY: **AC** | DATE: **06.10.2026** | REVISION.: P01 |

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



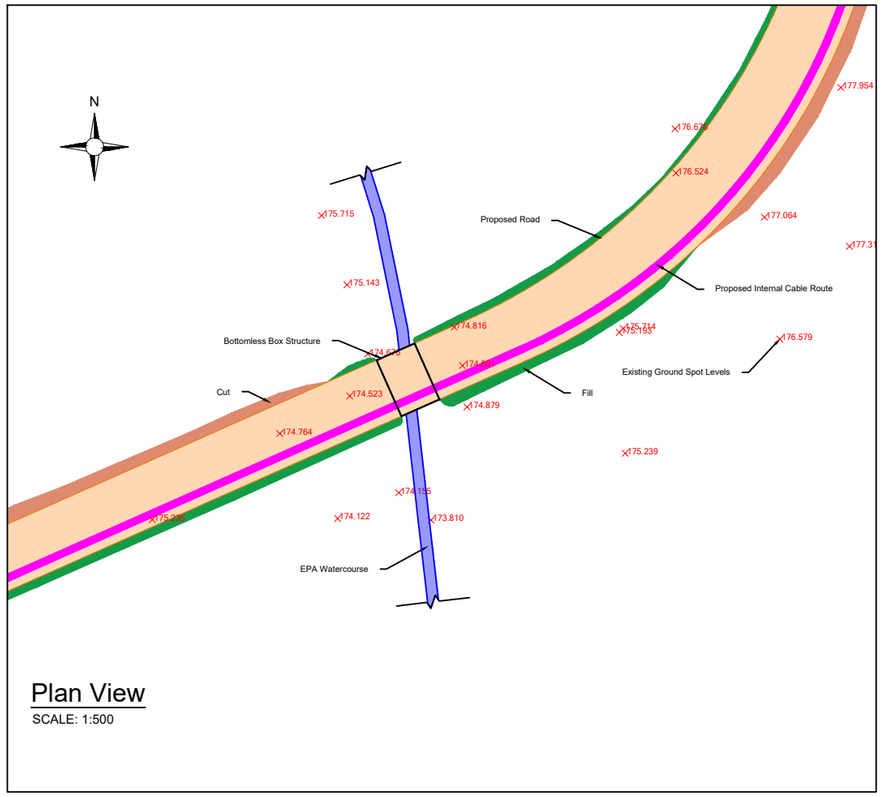

## Bottomless Box Culvert Watercourse Crossing - 33kV - Longitudinal Section

SCALE: 1:50




## Bottomless Box Culvert Watercourse Crossing - 33kV - Cross Section

SCALE: 1:50




## Plan View

SCALE: 1:500

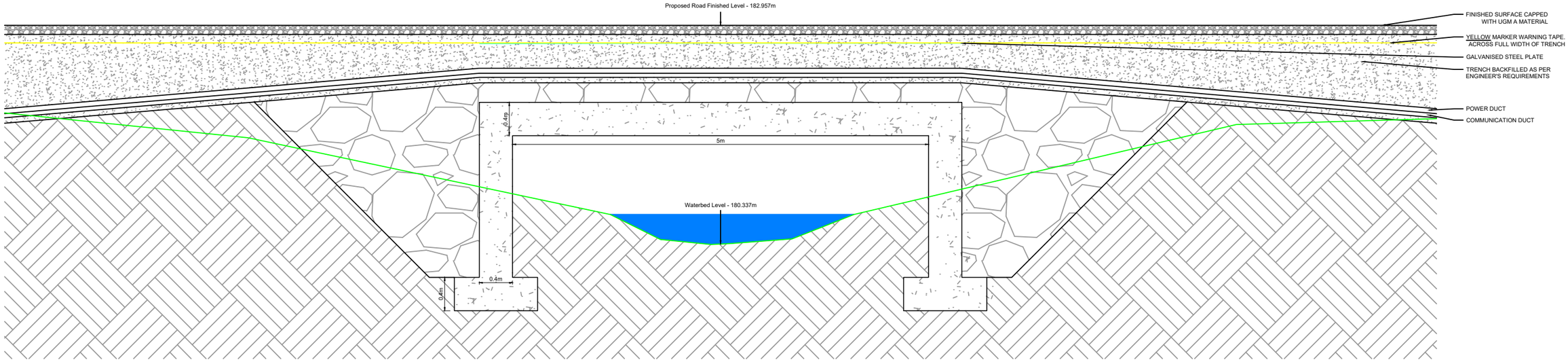
PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**Internal EPA WC 1**

| PROJECT No.: | DRAWING No.: | SCALE: |
|---|---|---|
| 240740 | 250740 - 71 | As Shown @ A3 |

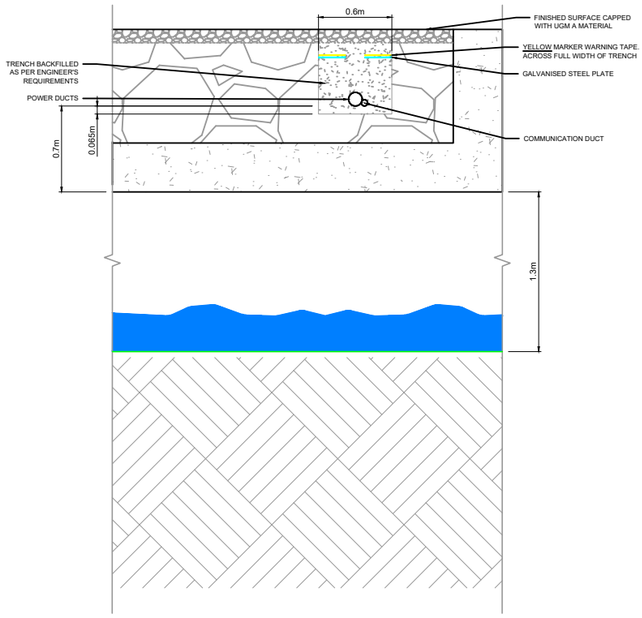
| DRAWN BY: | CHECKED BY: | DATE: | REVISION.: |
|---|---|---|---|
| JOB | AC | 06.10.2026 | P01 |

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



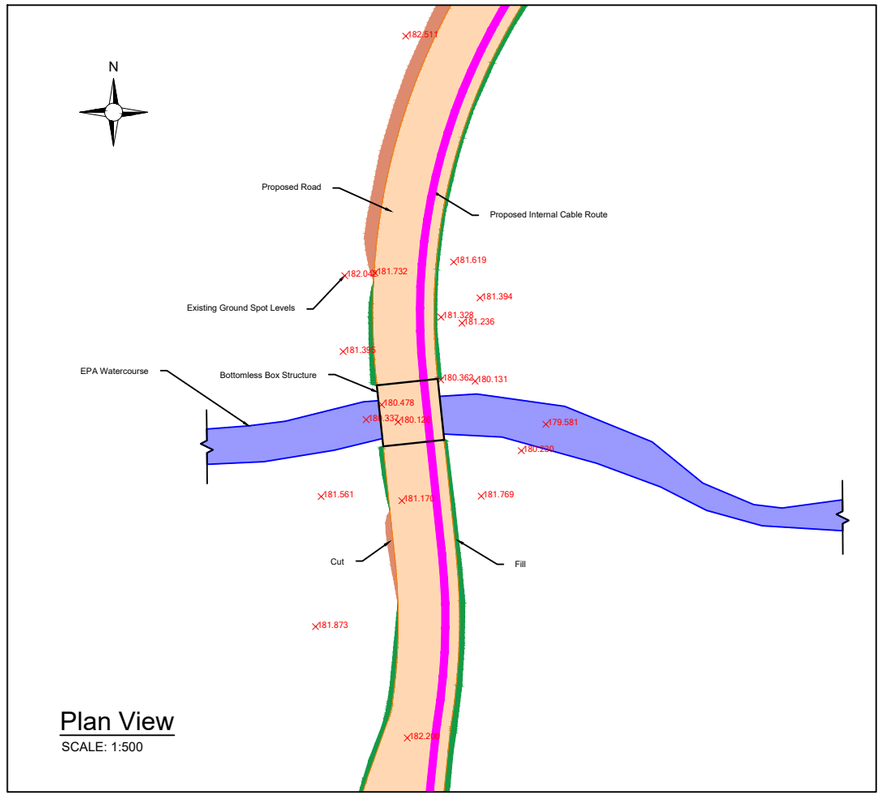

## Bottomless Box Culvert Watercourse Crossing - 33kV - Longitudinal Section

SCALE: 1:50




## Bottomless Box Culvert Watercourse Crossing - 33kV - Cross Section

SCALE: 1:50




## Plan View

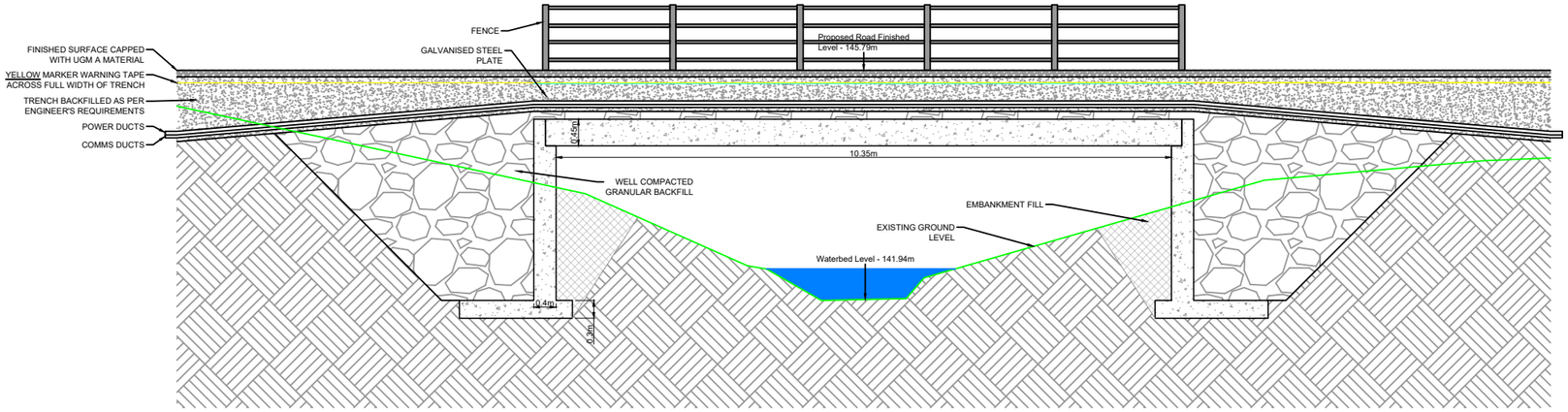
SCALE: 1:500

| | |
|---|---|
| PROJECT TITLE: | **Slievegrine Renewable Energy Development, Co. Waterford** |
| DRAWING TITLE: | **Internal EPA WC 2** |

| PROJECT No.: | DRAWING No.: | SCALE: |
|---|---|---|
| **240740** | **250740 - 72** | **As Shown @ A3** |

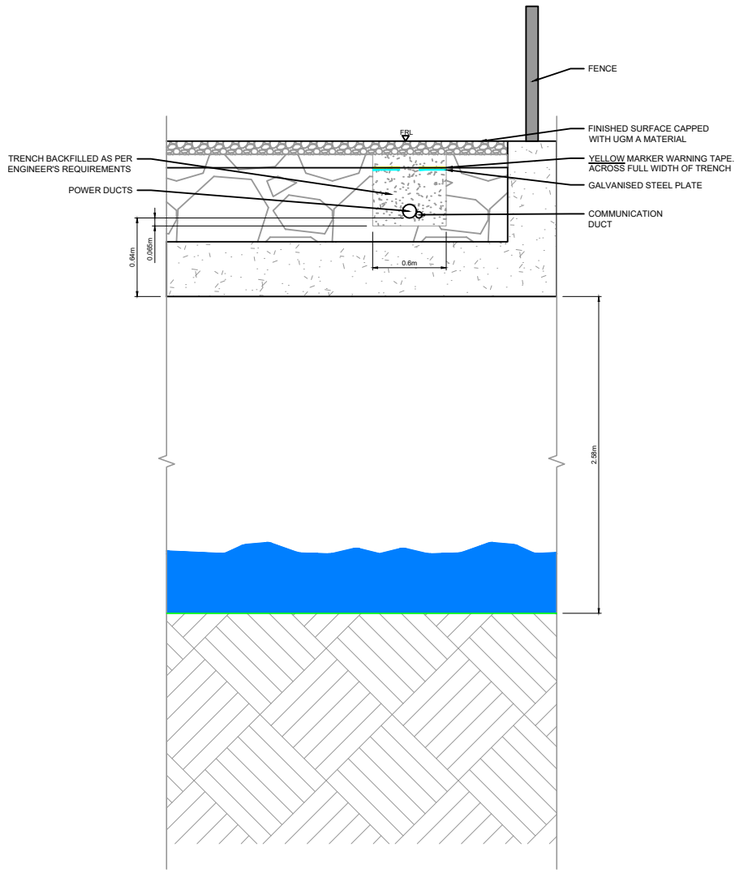
| DRAWN BY: | CHECKED BY: | DATE: | REVISION.: |
|---|---|---|---|
| **JOB** | **AC** | **06.10.2026** | P01 |

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



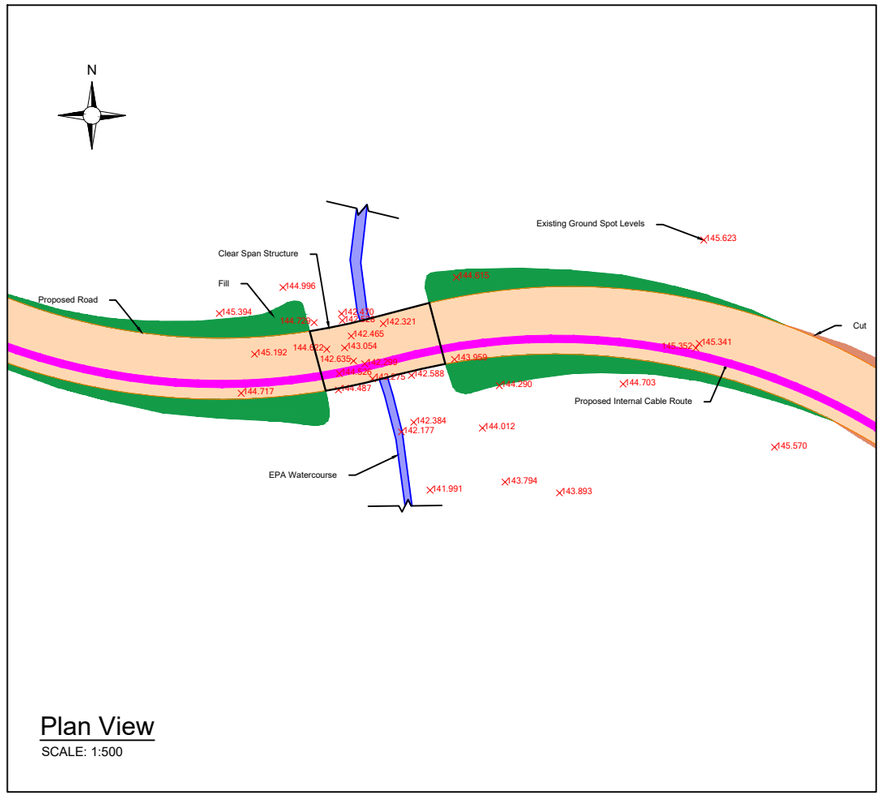

## Clear Span Watercourse Crossing - 33kV - Longitudinal Section

SCALE: 1:100




## Clear Span Watercourse Crossing - 33kV - Cross Section

SCALE: 1:50




## Plan View

SCALE: 1:500

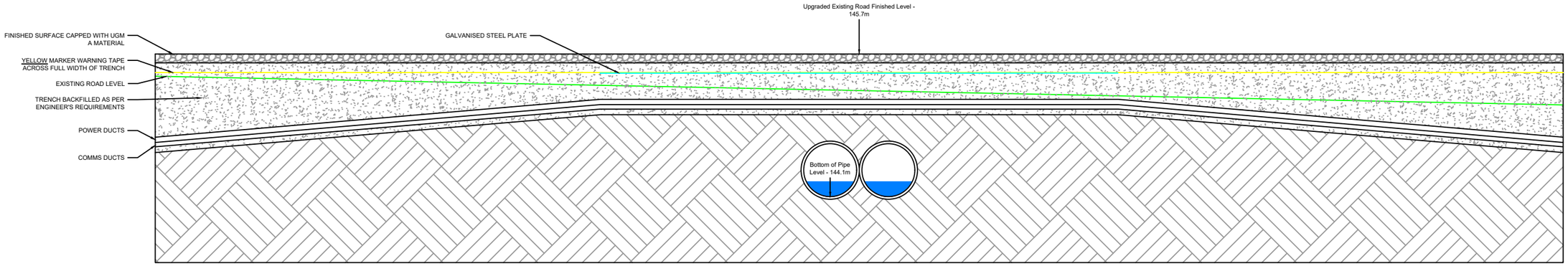
PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**Internal EPA WC 3**

| PROJECT No.: | DRAWING No.: | SCALE: |
|---|---|---|
| 240740 | 240740 - 73 | As Shown @ A3 |

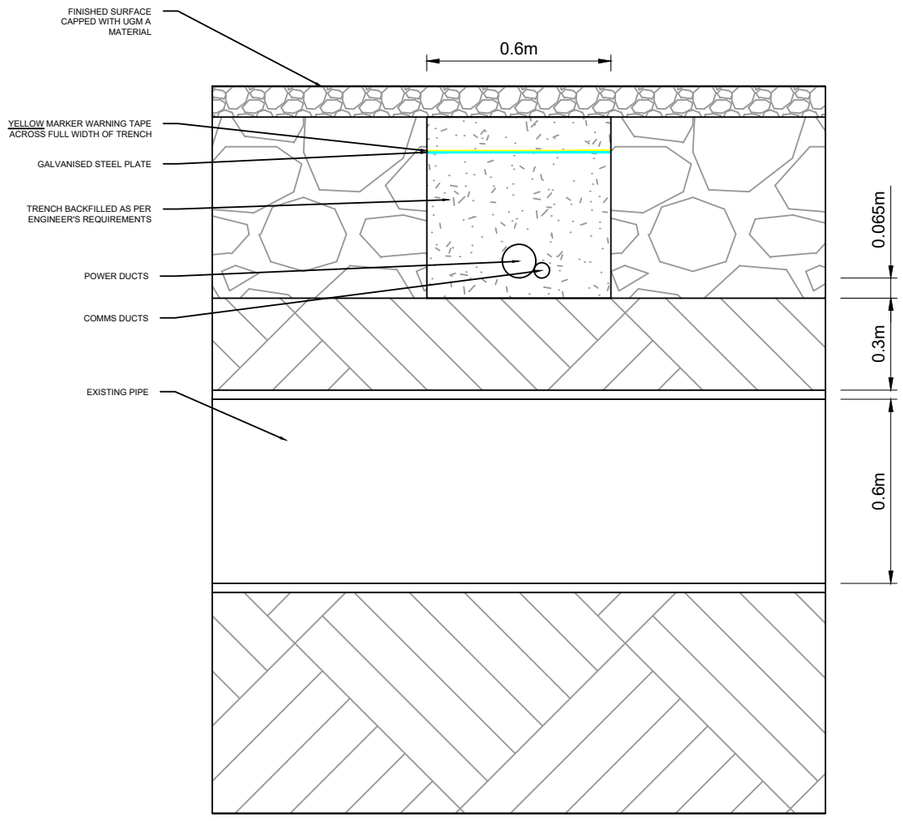
| DRAWN BY: | CHECKED BY: | DATE: | REVISION.: |
|---|---|---|---|
| JOB | AC | 06.10.2026 | P01 |

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



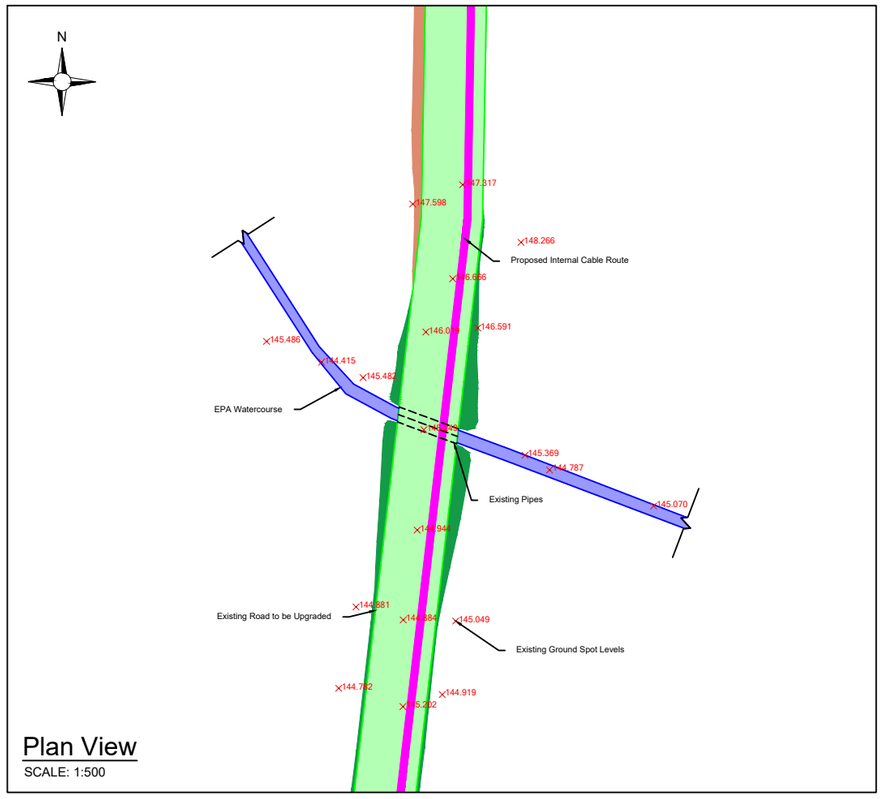

## Flatbed Over Existing Watercourse Crossing - 33kV - Longitudinal Section

SCALE: 1:50




## Flatbed Over Existing Watercourse Crossing - 33kV - Cross Section

SCALE: 1:20

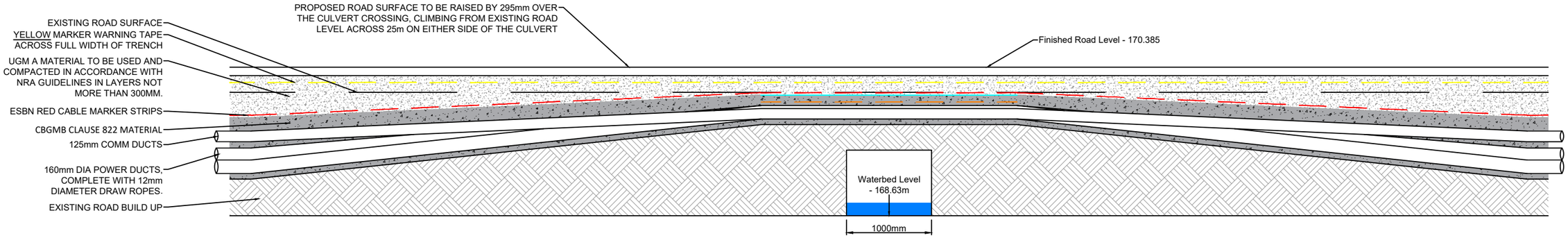



## Plan View

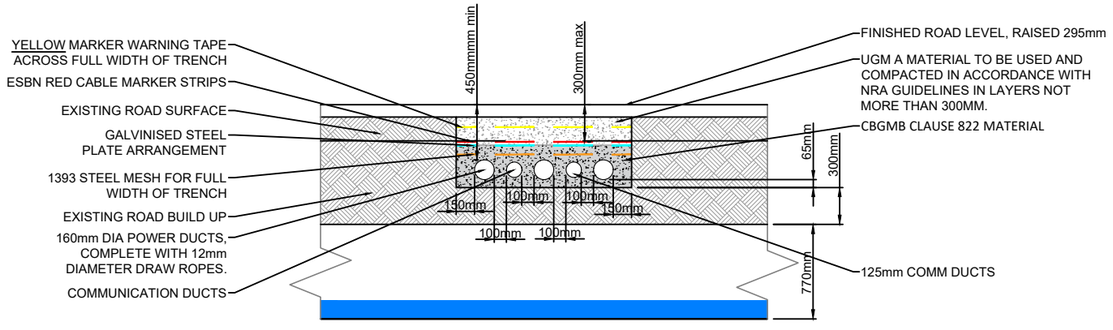
SCALE: 1:500

| | | | |
|---|---|---|---|
| PROJECT TITLE: Slievegrine Renewable Energy Development, Co. Waterford | | | |
| DRAWING TITLE: Internal EPA WC 4 | | | |
| PROJECT No.: 240740 | DRAWING No.: 250740 - 74 | | SCALE: As Shown @ A3 |
| DRAWN BY: JOB | CHECKED BY: AC | DATE: 06.10.2026 | REVISION.: P01 |

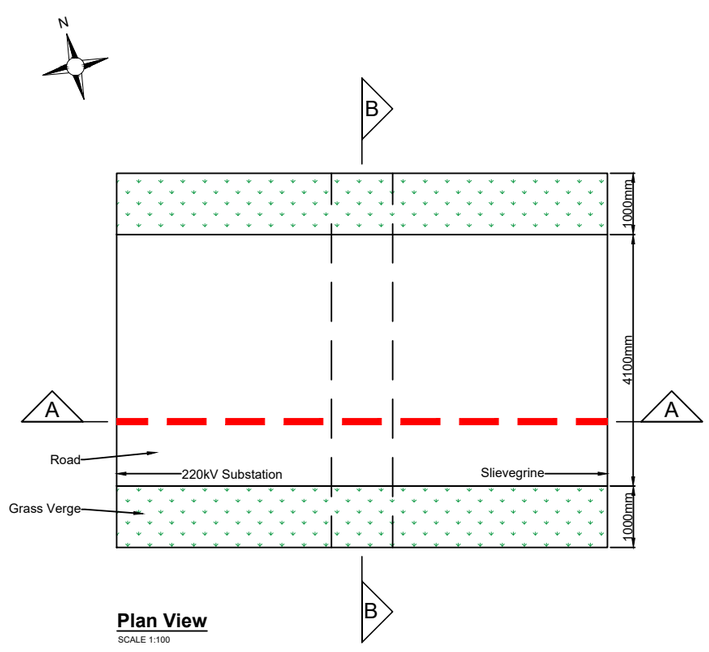
Email: info@www.mkoireland.ie /Website: www.mkoireland.ie




**Section A-A**
SCALE 1:50




**Section B-B**
SCALE 1:50




**Plan View**
SCALE 1:100

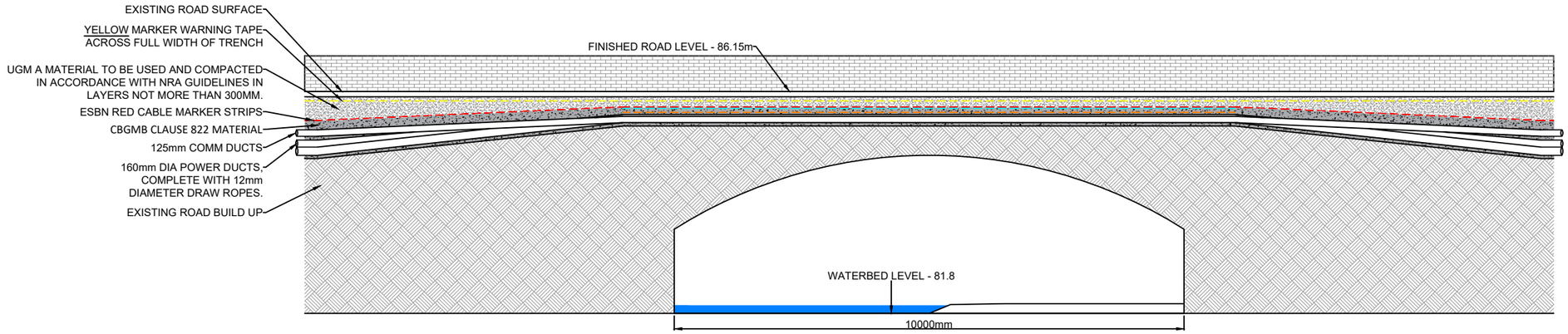
PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**110kV Underground Cabling Route Watercourse Crossing 1**

| PROJECT No.: | DRAWING No.: | SCALE: |
|---|---|---|
| 240740 | 250740 - 75 | As Shown @ A3 |

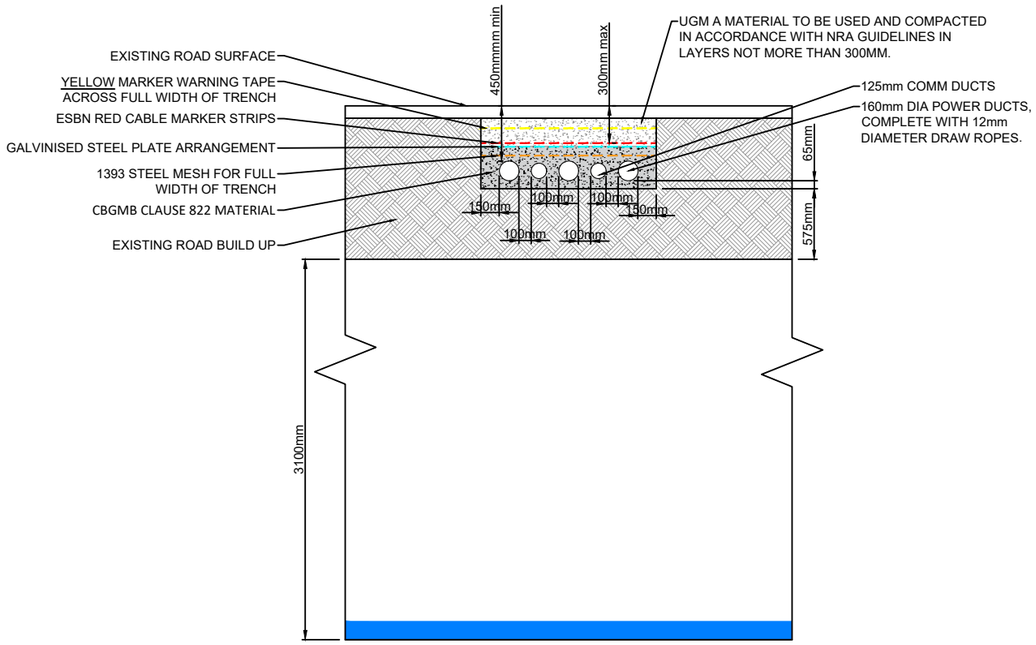
| DRAWN BY: | CHECKED BY: | DATE: | REVISION.: |
|---|---|---|---|
| JOB | AC | 06.10.2026 | P01 |

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



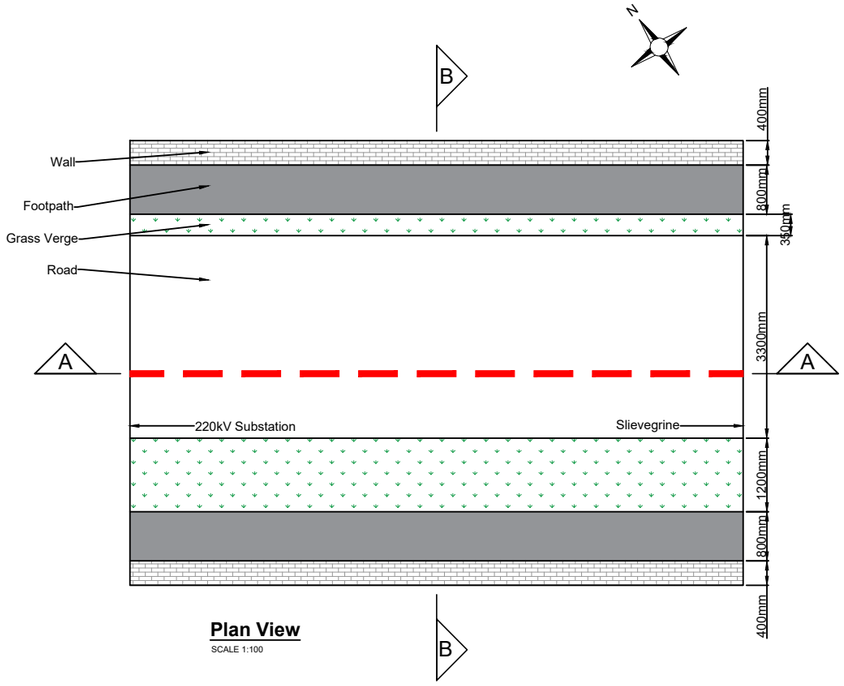

## Section A-A

SCALE 1:50




## Section B-B

SCALE 1:50




## Plan View

SCALE 1:100

PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**110kV Underground Cabling Route Watercourse Crossing 2**

| PROJECT No.: | DRAWING No.: | SCALE: |
|---|---|---|
| 240740 | 250740 - 76 | As Shown @ A3 |

| DRAWN BY: | CHECKED BY: | DATE: | REVISION.: |
|---|---|---|---|
| JOB | AC | 06.10.2026 | P01 |

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**Drainage Design Notes**

1. All drainage subject to micro-siting and optimisation on site.
2. The locations of the interceptor drains, check dams, culverts, swales, stilling ponds and level spreaders are shown as indicative, and may be changed to suit the requirements of the local topography.
3. Supervising hydrologist or environmental clerk of works (environmental scientist) to oversee installation of drainage features following detailed drainage design.
4. Drainage measures to be installed prior to, or at the same time as the works areas they are intended to drain.
5. Design elevation of the water surface along the route of the interceptor drains or swales will not be lower then the design elevation of the water surface in the outlet at the level spreader or stilling pond.
6. The spacing and frequency of the check dams will be dependant on the gradient of the interceptor drain or swale in which they are being installed.
7. Check dam designs to be selected best to suit particular topography and hydrological environment.
8. Down gradient slope below level spreader onto which the water will dissipate to have a grade less the 6%.
9. No direct discharge or pumping to watercourses will be permitted. All discharges from level spreaders or silting ponds to be via vegetated filters. Selection or suitable areas to use as vegetation filters will be determined by the size of the contributing catchment, slope and ground conditions.
10. Stilling ponds to be sized according to the area they will be receiving water from.
11. Diversion of drainage ditches will only take place when alternative drainage ditch has been installed to handle the same water.
12. Existing drains/ditches to be incorporated or removed during wind farm construction.
13. All drainage system features to be subject of inspection and maintenance plan.
14. The layout shown is slightly offset for scale purposes, and all drainage would be installed as close to the road as possible.

## Drawing Legend

- Planning Application Boundary
- Proposed Wind Farm Infrastructure
- Interceptor Drain
- Level Spreader — Refer to DWG 240740 - 76 (Detail 1.1/1.2)
- Swales/Collector Drain — Refer to DWG 240740 - 76 (Detail 2)
- Stilling Pond — Refer to DWG 240740 - 76 (Detail 3.1/3.2)
- Direction of Flow
- Culvert Crossing — Refer to DWG 240740 - 76.1 (Detail 4)
- Check Dam — Refer to DWG 240740 - 76.1 (Detail 5.1/5.2/5.3)
- Silt Fence — Refer to DWG 240740 - 76 (Detail 6.1/6.2)

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PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**Drainage Layout Key Plan**

| PROJECT No. | DRAWING No. | SCALE |
|---|---|---|
| 240740 | 240740 - 77 | 1:15,000 @ A1 |
| DRAWN BY: JOB | CHECKED BY: AC | DATE: 06.10.2026 |
| OS SHEET No. | 6068, 6069, 6070, 6113, 6114, 6115, 6159, 6160, 6161, 6206, 6207, 6208 | REVISION: P01 |

MKO
Email: info@www.mkoireland.ie/Website: www.mkoireland.ie

**T1**
ITM 619870, 589557
Level - 234m O.D.

**T2**
ITM 620325, 589626
Level - 245.5m O.D.

**T3**
ITM 620459, 589176
Level - 228m O.D.

**T4**
ITM 620938, 589327
Level - 236m O.D.

**T5**
ITM 621227, 589009
Level - 226.5m O.D.

**Telecommunication Relay Mast**
ITM 620855, 589082
Level - 227m O.D.

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**Drainage Design Notes**

1. All drainage subject to micro-siting and optimisation on site.
2. The locations of the interceptor drains, check dams, culverts, swales, stilling ponds and level spreaders are shown as indicative, and may be changed to suit the requirements of the local topography.
3. Supervising hydrologist or environmental clerk of works (environmental scientist) to oversee installation of drainage features following detailed drainage design.
4. Drainage measures to be installed prior to, or at the same time as the works areas they are intended to drain.
5. Design elevation of the water surface along the route of the interceptor drains or swales will not be lower then the design elevation of the water surface in the outlet at the level spreader or stilling pond.
6. The spacing and frequency of the check dams will be dependant on the gradient of the interceptor drain or swale in which they are being installed.
7. Check dam designs to be selected best to suit particular topography and hydrological environment.
8. Down gradient slope below level spreader onto which the water will dissipate to have a grade less the 6%.
9. No direct discharge or pumping to watercourses will be permitted. All discharges from level spreaders or stilling ponds to be via vegetated filters. Selection or suitable areas to use as vegetation filters will be determined by the size of the contributing catchment, slope and ground conditions.
10. Stilling ponds to be sized according to the area they will be receiving water from.
11. Diversion of drainage ditches will only take place when alternative drainage ditch has been installed to handle the same water.
12. Existing drains/ditches to be incorporated or removed during wind farm construction.
13. All drainage system features to be subject of inspection and maintenance plan.
14. The layout shown is slightly offset for scale purposes, and all drainage would be installed as close to the road as possible.

## Drawing Legend

- Planning Application Boundary
- Proposed Wind Farm Infrastructure
- Interceptor Drain
- Level Spreader — Refer to DWG 240740 - 76 (Detail 1.1/1.2)
- Swales/Collector Drain — Refer to DWG 240740 - 76 (Detail 2)
- Stilling Pond — Refer to DWG 240740 - 76 (Detail 3.1/3.2)
- Direction of Flow
- Culvert Crossing — Refer to DWG 240740 - 76.1 (Detail 4)
- Check Dam — Refer to DWG 240740 - 76.1 (Detail 5.1/5.2/5.3)
- Watercourses
- 50m Watercourse Buffer

N

PROJECT TITLE:
**Silevegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**Drainage Layout Sheet 1 of 10**

| PROJECT No. | DRAWING No. | SCALE |
|---|---|---|
| 240740 | 240740 - 77.1 | 1:2,500 @ A1 |

| DRAWN BY: | CHECKED BY: | DATE: | REVISION: |
|---|---|---|---|
| JOB | AC | 06.10.2026 | P01 |

OS SHEET No.
6068, 6069, 6070, 6113, 6114, 6115, 6159, 6160, 6161, 6206, 6207, 6208

MKO
Email: info@www.mkoireland.ie/Website: www.mkoireland.ie

**T4**
ITM 620938, 589327
Level - 236m O.D.

**Telecommunication Relay Mast**
ITM 620855, 589082
Level - 227m O.D.

**T5**
ITM 621227, 589009
Level - 226.5m O.D.

**T6**
ITM 621717, 589023
Level - 201m O.D.

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**Drainage Design Notes**

1. All drainage subject to micro-siting and optimisation on site.
2. The locations of the interceptor drains, check dams, culverts, swales, stilling ponds and level spreaders are shown as indicative, and may be changed to suit the requirements of the local topography.
3. Supervising hydrologist or environmental clerk of works (environmental scientist) to oversee installation of drainage features following detailed drainage design.
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7. Check dam designs to be selected best to suit particular topography and hydrological environment.
8. Down gradient slope below level spreader onto which the water will dissipate to have a grade less the 6%.
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10. Stilling ponds to be sized according to the area they will be receiving water from.
11. Diversion of drainage ditches will only take place when alternative drainage ditch has been installed to handle the same water.
12. Existing drains/ditches to be incorporated or removed during wind farm construction.
13. All drainage system features to be subject of inspection and maintenance plan.
14. The layout shown is slighty offset for scale purposes, and all drainage would be installed as close to the road as possible.

## Drawing Legend

- Planning Application Boundary
- Proposed Wind Farm Infrastructure
- Interceptor Drain
- Level Spreader — Refer to DWG 240740 - 76 (Detail 1.1/1.2)
- Swales/Collector Drain — Refer to DWG 240740 - 76 (Detail 2)
- Stilling Pond — Refer to DWG 240740 - 78 (Detail 3.1/3.2)
- Direction of Flow
- Culvert Crossing — Refer to DWG 240740 - 76.1 (Detail 4)
- Check Dam — Refer to DWG 240740 - 78.1 (Detail 5.1/5.2/5.3)
- Watercourses
- 50m Watercourse Buffer

N

PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**Drainage Layout Sheet 2 of 10**

| PROJECT No. | DRAWING No. | SCALE: |
|---|---|---|
| 240740 | 240740 - 77.2 | 1:2,500 @ A1 |

| DRAWN BY: | CHECKED BY: | DATE: | REVISION: |
|---|---|---|---|
| JOB | AC | 06.10.2026 | P01 |

OS SHEET No: 6068, 6069, 6070, 6113, 6114, 6115, 6159, 6160, 6161, 6206, 6207, 6208

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

**Drainage Design Notes**

1. All drainage subject to micro-siting and optimisation on site.
2. The locations of the interceptor drains, check dams, culverts, swales, stilling ponds and level spreaders are shown as indicative, and may be changed to suit the requirements of the local topography.
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12. Existing drains/ditches to be incorporated or removed during wind farm construction.
13. All drainage system features to be subject of inspection and maintenance plan.
14. The layout shown is slightly offset for scale purposes, and all drainage would be installed as close to the road as possible.

## Drawing Legend

- Planning Application Boundary
- Proposed Wind Farm Infrastructure
- Interceptor Drain
- Level Spreader — Refer to DWG 240740 - 78 (Detail 1.1/1.2)
- Swales/Collector Drain — Refer to DWG 240740 - 78 (Detail 2)
- Stilling Pond — Refer to DWG 240740 - 78 (Detail 3.1/3.2)
- Direction of Flow
- Culvert Crossing — Refer to DWG 240740 - 78.1 (Detail 4)
- Check Dam — Refer to DWG 240740 - 78.1 (Detail 5.1/5.2/5.3)
- Silt Fence — Refer to DWG 240740 - 78 (Detail 6.1/6.2)
- Watercourses
- 50m Watercourse Buffer

Watercourse Crossing
Refer to DWG 240740-78.1
Detail 4

Internal EPA WC 4
Refer to DWG
240740-70

Watercourse Crossing
Refer to DWG 240740-78.1
Detail 4

**T11**
ITM 621314, 587391
Level - 141.5m O.D.

Watercourse Crossing
Refer to DWG 240740-78.1
Detail 4

**T12**
ITM 621876, 587432
Level - 150m O.D.

Watercourse Crossing
Refer to DWG 240740-78.1
Detail 4

**T10**
ITM 620784, 587144
Level - 137m O.D.

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N

PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**Drainage Layout**
**Sheet 3 of 10**

| PROJECT No. | DRAWING No. | SCALE |
|---|---|---|
| 240740 | 240740 - 77.3 | 1:2,500 @ A1 |

| DRAWN BY: | CHECKED BY: | DATE: | REVISION: |
|---|---|---|---|
| JOB | AC | 06.10.2026 | P01 |

OS SHEET No.
6068, 6069, 6070, 6113, 6114, 6115, 6159, 6160, 6161, 6206, 6207, 6208

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Internal EPA WC 4
Refer to DWG
240740-70

Watercourse Crossing
Refer to DWG 240740-78.1
Detail 4

**T11**
ITM 621314, 587391
Level - 141.5m O.D.

**T12**
ITM 621876, 587432
Level - 150m O.D.

Watercourse Crossing
Refer to DWG 240740-78.1
Detail 4

Watercourse Crossing
Refer to DWG 240740-78.1
Detail 4

**T10**
ITM 620784, 587144
Level - 137m O.D.

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**Drainage Design Notes**

1. All drainage subject to micro-siting and optimisation on site.
2. The locations of the interceptor drains, check dams, culverts, swales, stilling ponds and level spreaders are shown as indicative, and may be changed to suit the requirements of the local topography.
3. Supervising hydrologist or environmental clerk of works (environmental scientist) to oversee installation of drainage features following detailed drainage design.
4. Drainage measures to be installed prior to, or at the same time as the works areas they are intended to drain.
5. Design elevation of the water surface along the route of the interceptor drains or swales will not be lower then the design elevation of the water surface in the outlet at the level spreader or stilling pond.
6. The spacing and frequency of the check dams will be dependant on the gradient of the interceptor drain or swale in which they are being installed.
7. Check dam designs to be selected best to suit particular topography and hydrological environment.
8. Down gradient slope below level spreader onto which the water will dissipate to have a grade less the 6%.
9. No direct discharge or pumping to watercourses will be permitted. All discharges from level spreaders or stilling ponds to be via vegetated filters. Selection or suitable areas to use as vegetation filters will be determined by the size of the contributing catchment, slope and ground conditions.
10. Stilling ponds to be sized according to the area they will be receiving water from.
11. Diversion of drainage ditches will only take place when alternative drainage ditch has been installed to handle the same water.
12. Existing drains/ditches to be incorporated or removed during wind farm construction.
13. All drainage system features to be subject of inspection and maintenance plan.
14. The layout shown is slightly offset for scale purposes, and all drainage would be installed as close to the road as possible.

## Drawing Legend

- Planning Application Boundary
- Proposed Wind Farm Infrastructure
- Interceptor Drain
- Level Spreader (Refer to DWG 240740 - 78 (Detail 1.1/1.2))
- Swales/Collector Drain (Refer to DWG 240740 - 78 (Detail 2))
- Stilling Pond (Refer to DWG 240740 - 78 (Detail 3.1/3.2))
- Direction of Flow
- Culvert Crossing (Refer to DWG 240740 - 78.1 (Detail 4))
- Check Dam (Refer to DWG 240740 - 78.1 (Detail 5.1/5.2/5.3))
- Silt Fence (Refer to DWG 240740 - 78 (Detail 6.1/6.2))
- Watercourses
- 50m Watercourse Buffer

N

PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**Drainage Layout Sheet 4 of 10**

| PROJECT No.: | DRAWING No.: | SCALE: |
|---|---|---|
| 240740 | 240740 - 77.4 | 1:2,500 @ A1 |
| DRAWN BY: JOB / CHECKED BY: AC | DATE: 06.10.2026 | REVISION: P01 |

OS SHEET NO.: 6068, 6069, 6070, 6113, 6114, 6115, 6159, 6160, 6161, 6206, 6207, 6208

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Internal EPA WC 2
Refer to DWG
240740-68

**T15**
ITM 618908, 587147
Level - 200m O.D.

**Met Mast**
ITM 619045, 586963
Level - 227m O.D.

**T16**
ITM 619106, 586747
Level - 188m O.D.

**T17**
ITM 619562, 586713
Level - 173m O.D.

**Drainage Design Notes**

1. All drainage subject to micro-siting and optimisation on site.
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7. Check dam designs to be selected best to suit particular topography and hydrological environment.
8. Down gradient slope below level spreader onto which the water will dissipate to have a grade less the 6%.
9. No direct discharge or pumping to watercourses will be permitted. All discharges from level spreaders or stilling ponds to be via vegetated filters. Selection or suitable areas to use as vegetation filters will be determined by the size of the contributing catchment, slope and ground conditions.
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12. Existing drains/ditches to be incorporated or removed during wind farm construction.
13. All drainage system features to be subject of inspection and maintenance plan.
14. The layout shown is slightly offset for scale purposes, and all drainage would be installed as close to the road as possible.

## Drawing Legend

- Planning Application Boundary
- Proposed Wind Farm Infrastructure
- Interceptor Drain
- Level Spreader (Refer to DWG 240740 - 78 (Detail 1.1/1.2))
- Swales/Collector Drain (Refer to DWG 240740 - 78 (Detail 2))
- Stilling Pond (Refer to DWG 240740 - 78 (Detail 3.1/3.2))
- Direction of Flow
- Culvert Crossing (Refer to DWG 240740 - 78.1 (Detail 4))
- Check Dam (Refer to DWG 240740 - 78.1 (Detail 5.1/5.2/5.3))
- Silt Fence (Refer to DWG 240740 - 78 (Detail 6.1/6.2))
- Watercourses
- 50m Watercourse Buffer

N

PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**Drainage Layout**
**Sheet 5 of 10**

| PROJECT No. | DRAWING No. | SCALE: |
|---|---|---|
| 240740 | 240740 - 77.5 | 1:2,500 @ A1 |
| DRAWN BY: JOB | CHECKED BY: AC | DATE: 06.10.2026 |
| | | REVISION.: P01 |

OS SHEET No: 6068, 6069, 6070, 6113, 6114, 6115, 6159, 6160, 6161, 6206, 6207, 6208

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**Drainage Design Notes**

1. All drainage subject to micro-siting and optimisation on site.
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14. The layout shown is slightly offset for scale purposes, and all drainage would be installed as close to the road as possible.

## Drawing Legend

- Planning Application Boundary
- Proposed Wind Farm Infrastructure
- Interceptor Drain
- Level Spreader — Refer to DWG 240740 - 79 (Detail 1.1/1.2)
- Swales/Collector Drain — Refer to DWG 240740 - 79 (Detail 2)
- Stilling Pond — Refer to DWG 240740 - 79 (Detail 3.1/3.2)
- Direction of Flow
- Culvert Crossing — Refer to DWG 240740 - 79.1 (Detail 4)
- Check Dam — Refer to DWG 240740 - 79.1 (Detail 5.1/5.2/5.3)
- Silt Fence — Refer to DWG 240740 - 79 (Detail 6.1/6.2)
- Watercourses
- 50m Watercourse Buffer

**T7**
ITM 619339, 587736
Level - 190m O.D.

**T8**
ITM 619803, 587602
Level - 168.5m O.D.

**T9**
ITM 620382, 587597
Level - 154m O.D.

**T15**
ITM 618908, 587147
Level - 200m O.D.

Internal EPA WC 2
Refer to DWG
240740-68

Internal EPA WC 3
Refer to DWG
240740-69

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N

PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**Drainage Layout Sheet 6 of 10**

| PROJECT No. | DRAWING No. | SCALE |
|---|---|---|
| 240740 | 240740 - 77.6 | 1:2,500 @ A1 |

| DRAWN BY: | CHECKED BY: | DATE: | REVISION: |
|---|---|---|---|
| JOB | AC | 06.10.2026 | P01 |

OS SHEET No.
6068, 6069, 6070, 6113, 6114, 6115, 6159, 6160, 6161, 6206, 6207, 6208

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**Drainage Design Notes**

1. All drainage subject to micro-siting and optimisation on site.
2. The locations of the interceptor drains, check dams, culverts, swales, stilling ponds and level spreaders are shown as indicative, and may be changed to suit the requirements of the local topography.
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13. All drainage system features to be subject of inspection and maintenance plan.
14. The layout shown is slighlty offset for scale purposes, and all drainage would be installed as close to the road as possible.

## Drawing Legend

- Planning Application Boundary
- Proposed Wind Farm Infrastructure
- Interceptor Drain
- Level Spreader
  Refer to DWG 240740 - 76 (Detail 1.1/1.2)
- Swales/Collector Drain
  Refer to DWG 240740 - 78 (Detail 2)
- Stilling Pond
  Refer to DWG 240740 - 78 (Detail 3.1/3.2)
- Direction of Flow
- Culvert Crossing
  Refer to DWG 240740 - 78.1 (Detail 4)
- Check Dam
  Refer to DWG 240740 - 78.1 (Detail 5.1/5.2/5.3)
- Watercourses
- 50m Watercourse Buffer

**T13**
ITM 617902, 587077
Level - 261m O.D.

**T14**
ITM 618391, 587029
Level - 236.5m O.D.

**T18**
ITM 617635, 586534
Level - 246m O.D.

**T19**
ITM 618079, 586508
Level - 220m O.D.

N

PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**Drainage Layout Sheet 7 of 10**

| PROJECT No. | DRAWING No. | SCALE |
|---|---|---|
| 240740 | 240740 - 77.7 | 1:2,500 @ A1 |

| DRAWN BY: | CHECKED BY: | DATE: | REVISION: |
|---|---|---|---|
| JOB | AC | 06.10.2026 | P01 |

OS SHEET No: 6068, 6069, 6070, 6113, 6114, 6115, 6159, 6160, 6161, 6206, 6207, 6208

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**Drainage Design Notes**

1. All drainage subject to micro-siting and optimisation on site.
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## Drawing Legend

- Planning Application Boundary
- Proposed Wind Farm Infrastructure
- Interceptor Drain
- Level Spreader — Refer to DWG 240740 - 79 (Detail 1.1/1.2)
- Swales/Collector Drain — Refer to DWG 240740 - 79 (Detail 2)
- Stilling Pond — Refer to DWG 240740 - 79 (Detail 3.1/3.2)
- Direction of Flow
- Culvert Crossing — Refer to DWG 240740 - 79.1 (Detail 4)
- Check Dam — Refer to DWG 240740 - 79.1 (Detail 5.1/5.2/5.3)
- Silt Fence — Refer to DWG 240740 - 79 (Detail 6.1/6.2)
- Watercourses
- 50m Watercourse Buffer

**T21**
ITM 617920, 586003
Level - 189.5m O.D.

**T20**
ITM 618468, 586358
Level - 196m O.D.

N

PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**Drainage Layout**
**Sheet 8 of 10**

| PROJECT No.: | DRAWING No.: | SCALE: |
|---|---|---|
| 240740 | 240740 - 77.8 | 1:2,500 @ A1 |
| DRAWN BY: JQB / CHECKED BY: AC | DATE: 06.10.2026 | REVISION.: P01 |

OS SHEET No.: 6068, 6069, 6070, 6113, 6114, 6115, 6159, 6160, 6161, 6206, 6207, 6208

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**Drainage Design Notes**

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12. Existing drains/ditches to be incorporated or removed during wind farm construction.
13. All drainage system features to be subject of inspection and maintenance plan.
14. The layout shown is slighty offset for scale purposes, and all drainage would be installed as close to the road as possible.

## Drawing Legend

- Planning Application Boundary
- Proposed Wind Farm Infrastructure
- Interceptor Drain
- Level Spreader
  Refer to DWG 240740 - 76 (Detail 1.1/1.2)
- Swales/Collector Drain
  Refer to DWG 240740 - 78 (Detail 2)
- Stilling Pond
  Refer to DWG 240740 - 78 (Detail 3.1/3.2)
- Direction of Flow
- Culvert Crossing
  Refer to DWG 240740 - 78.1 (Detail 4)
- Check Dam
  Refer to DWG 240740 - 78.1 (Detail 5.1/5.2/5.3)
- Silt Fence
  Refer to DWG 240740 - 78 (Detail 6.1/6.2)
- Watercourses
- 50m Watercourse Buffer

**T22**
ITM 615346, 586108
Level - 202m O.D

**T23**
ITM 615933, 586293
Level - 194m O.D

Internal EPA WC 1
Refer to DWG
240740-67

N

PROJECT:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**Drainage Layout Sheet 9 of 10**

| PROJECT No: | DRAWING No: | SCALE: |
|---|---|---|
| 240740 | 240740 - 77.9 | 1:2,500 @ A1 |
| DRAWN BY: JOB / CHECKED BY: AC / DATE: 06.10.2026 | | REVISION:: P01 |

OS SHEET No: 6068, 6069, 6070, 6113, 6114, 6115, 6159, 6160, 6161, 6206, 6207, 6208

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**Drainage Design Notes**

1. All drainage subject to micro-siting and optimisation on site.
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## Drawing Legend

- Planning Application Boundary
- Proposed Wind Farm Infrastructure
- Interceptor Drain
- Level Spreader (Refer to DWG 240740 - 79 (Detail 1.1/1.2))
- Swales/Collector Drain (Refer to DWG 240740 - 79 (Detail 2))
- Stilling Pond (Refer to DWG 240740 - 78 (Detail 3.1/3.2))
- Direction of Flow
- Culvert Crossing (Refer to DWG 240740 - 78 & 79.1 (Detail 4))
- Check Dam (Refer to DWG 240740 - 79.1 (Detail 5.1/5.2/5.3))
- Watercourses
- 50m Watercourse Buffer

Existing drainage alongside public roadway to be utilised

N

PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**Drainage Layout Sheet 10 of 10**

| PROJECT No. | DRAWING No. | SCALE |
|---|---|---|
| 240740 | 240740 - 77.10 | 1:2,500 @ A1 |

| DRAWN BY: | CHECKED BY: | DATE: | REVISION: |
|---|---|---|---|
| JOB | AC | 06.10.2026 | P01 |

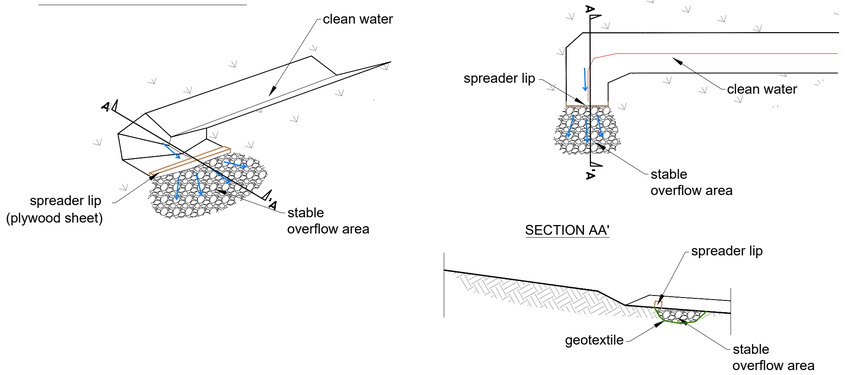
OS SHEET No: 6068, 6069, 6070, 6113, 6114, 6115, 6159, 6160, 6161, 6206, 6207, 6208

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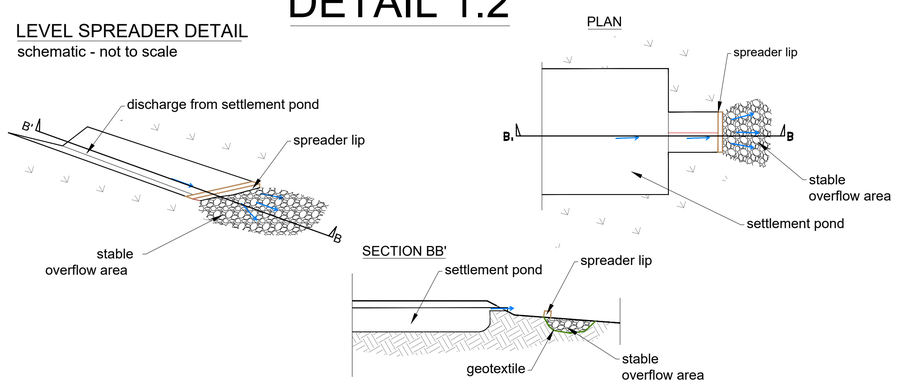
# DETAIL 1.1

LEVEL SPREADER DETAIL
schematic - not to scale

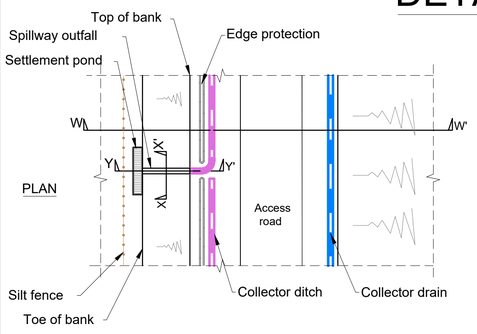


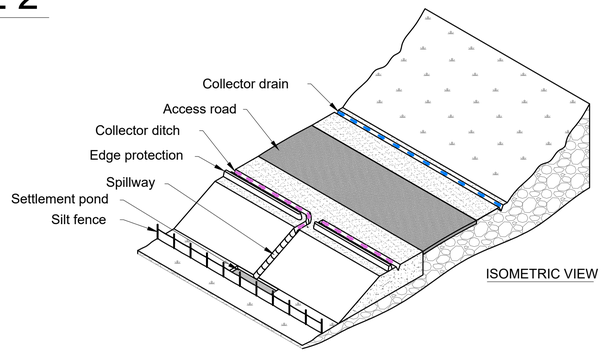

# DETAIL 1.2

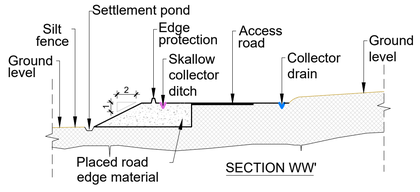
LEVEL SPREADER DETAIL
schematic - not to scale




# DETAIL 2

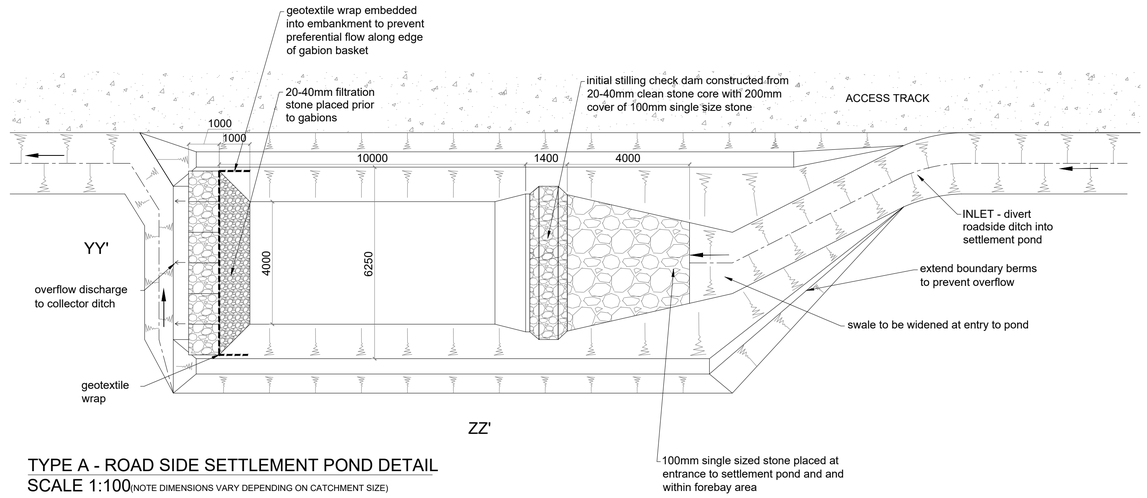


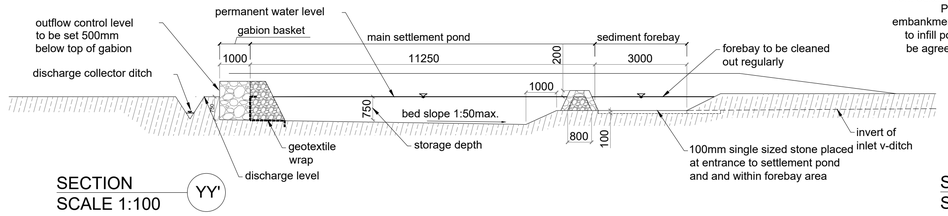




SWALES/COLLECTOR DRAIN
schematic - not to scale

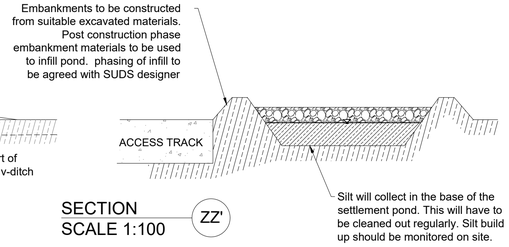
# DETAIL 3.1




TYPE A - ROAD SIDE SETTLEMENT POND DETAIL
SCALE 1:100 (NOTE DIMENSIONS VARY DEPENDING ON CATCHMENT SIZE)

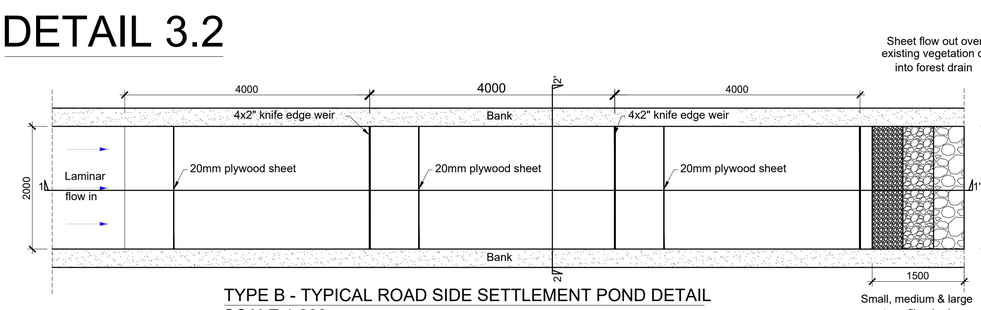



SECTION
SCALE 1:100 YY'

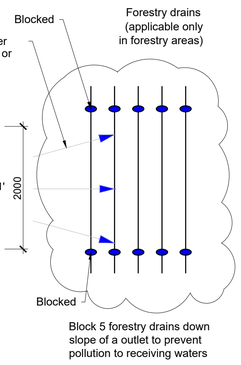


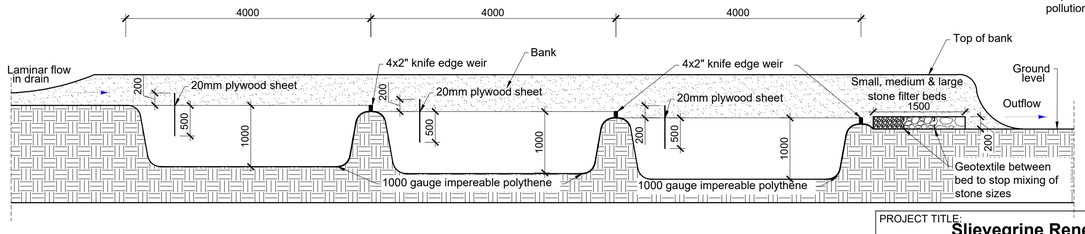

SECTION
SCALE 1:100 ZZ'

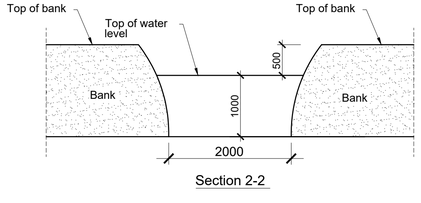
# DETAIL 3.2




TYPE B - TYPICAL ROAD SIDE SETTLEMENT POND DETAIL
SCALE 1:200 (NOTE DIMENSIONS VARY DEPENDING ON CATCHMENT SIZE)

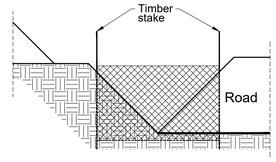



Section 2-2

SECTION 1-1
SEDIMENT FENCE/CHECK DAM DETAIL



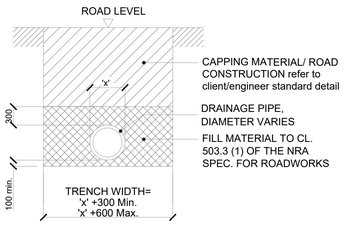

PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**Drainage Details**

| PROJECT No.: | | DRAWING No.: | SCALE: |
|---|---|---|---|
| **240740** | | **240740 - 78** | **As Shown @ A1** |
| DRAWN BY: **JOB** | CHECKED BY: **AC** | DATE: **06.10.2026** | REVISION.: P01 |


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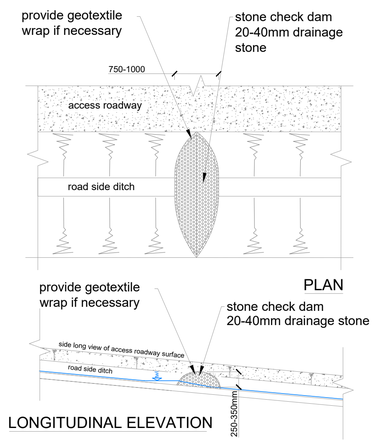
# DETAIL 4




**'TYPE B' CULVERT - DRAINAGE CROSSING BENEATH EXCAVATED ROAD**

SCALE 1:50

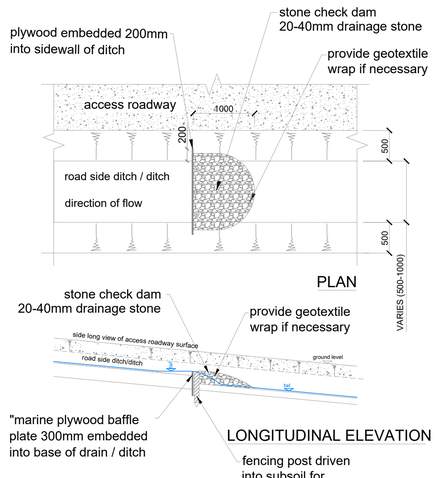
# DETAIL 5.1




TYPE X - CHECK DAM DETAIL

Scale 1:50

# DETAIL 5.2

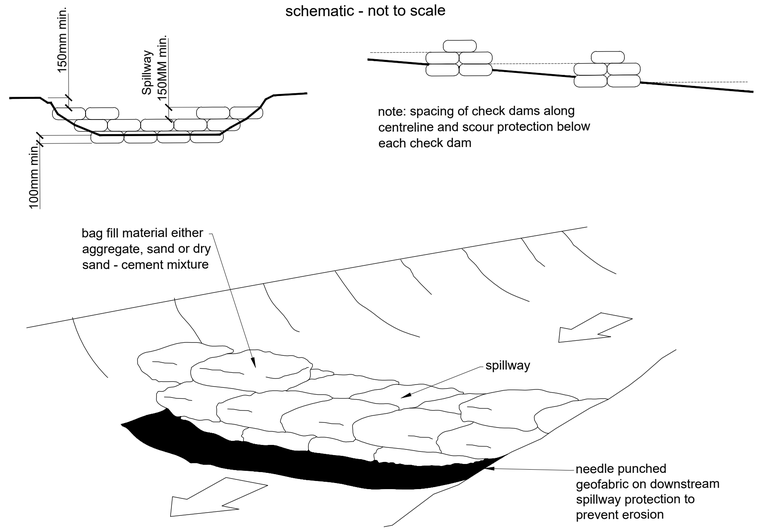



TYPE Y - CHECK DAM DETAIL

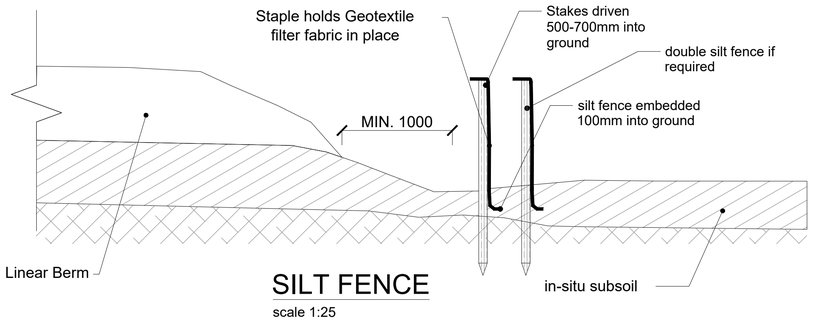
scale 1:50

# DETAIL 5.3

schematic - not to scale



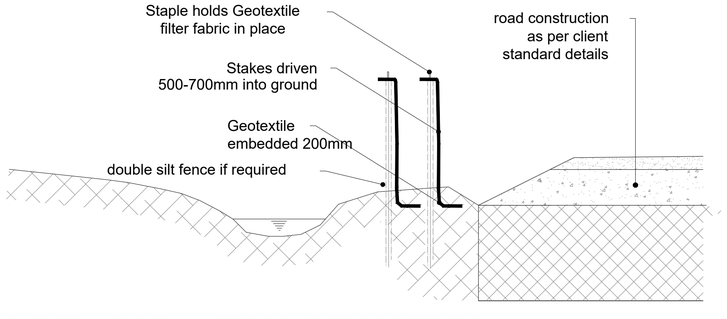

# DETAIL 6.1




SILT FENCE

scale 1:25

# DETAIL 6.2




SILT FENCE FOR WATERCOURSE PROTECTION

scale 1:25

# DETAIL 7




TEMPORARY CONCRETE WASH OUT PIT

SCALE 1:50

| | | | |
|---|---|---|---|
| PROJECT TITLE: **Slievegrine Renewable Energy Development, Co. Waterford** | | | |
| DRAWING TITLE: **Drainage Details** | | | |
| PROJECT No.: **240740** | | DRAWING No.: **240740 - 78.1** | SCALE: **As Shown @ A1** |
| DRAWN BY: **JOB** | CHECKED BY: **AC** | DATE: **06.10.2026** | REVISION.: P01 |

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2. Drawings not to be used for construction/contract conditions.
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## Drawing Legend

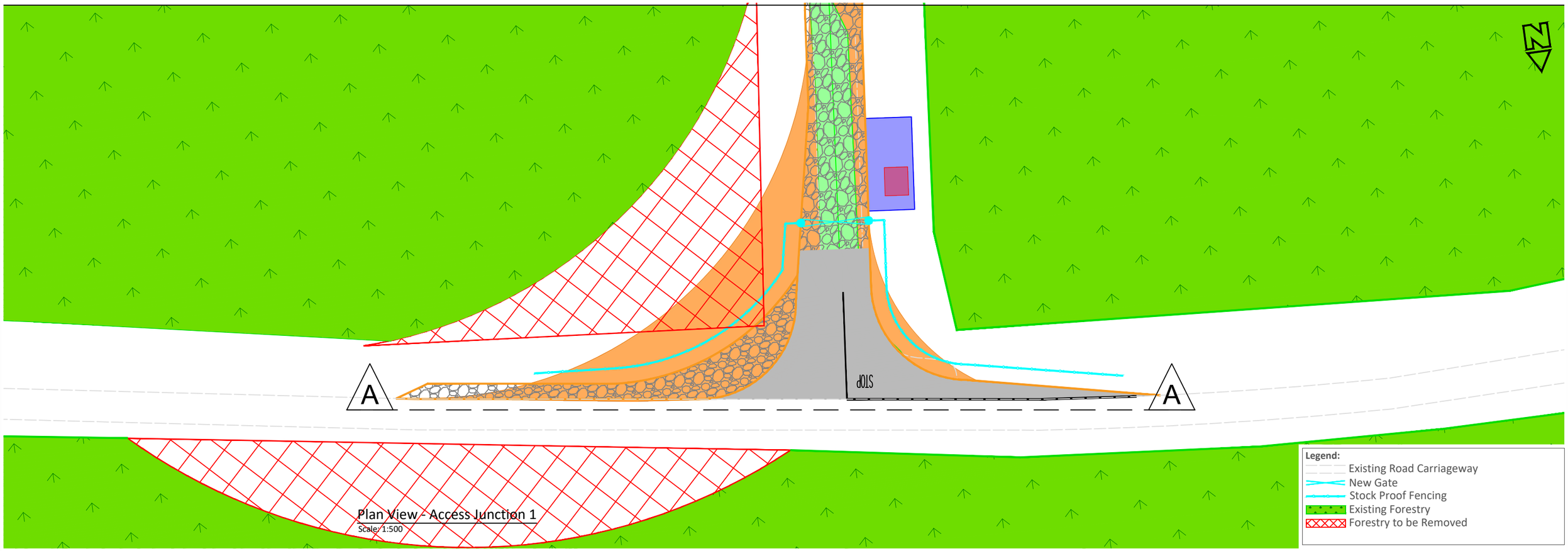
- Planning Application Boundary
- Proposed Wind Farm Infrastructure
- Felling Area

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| DRAWING TITLE: | **Felling Map** |
| PROJECT No.: 240740 | DRAWING No.: 240740 - 79 |
| SCALE: 1:10,000 @ A1 | |
| DRAWN BY: JQB | CHECKED BY: AC |
| DATE: 06.10.2026 | REVISION.: P01 |
| OS SHEET No.: | 6068, 6069, 6070, 6113, 6114, 6115, 6159, 6160, 6161, 6206, 6207, 6208 |

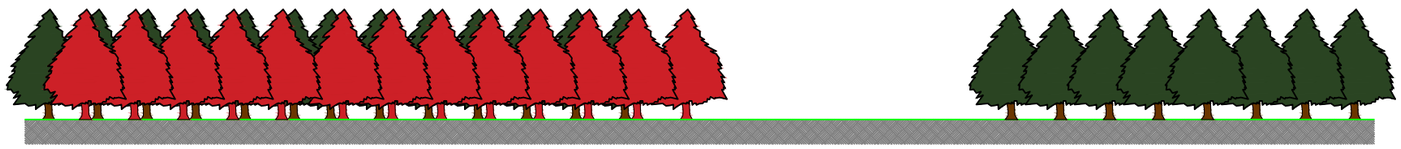
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Email: info@www.mkoireland.ie/Website: www.mkoireland.ie

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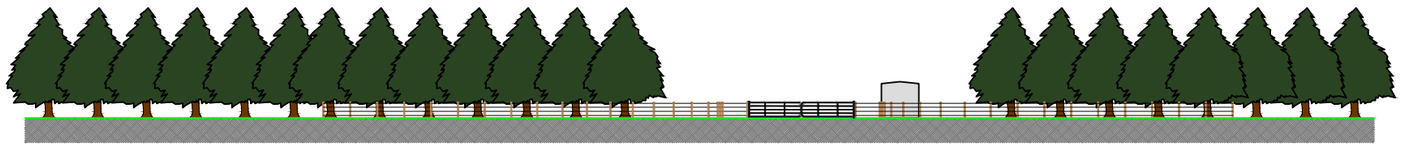



Plan View - Access Junction 1
Scale: 1:500

**Legend:**
- Existing Road Carriageway
- New Gate
- Stock Proof Fencing
- Existing Forestry
- Forestry to be Removed



Elevation A-A - Forestry to be removed
Scale: 1:500



Elevation A-A - Operational Phase
Scale: 1:500

**Legend:**
- Field Gate
- Stock Proof Fencing
- Existing Forestry
- Existing Forestry to be Removed
- Security Cabin

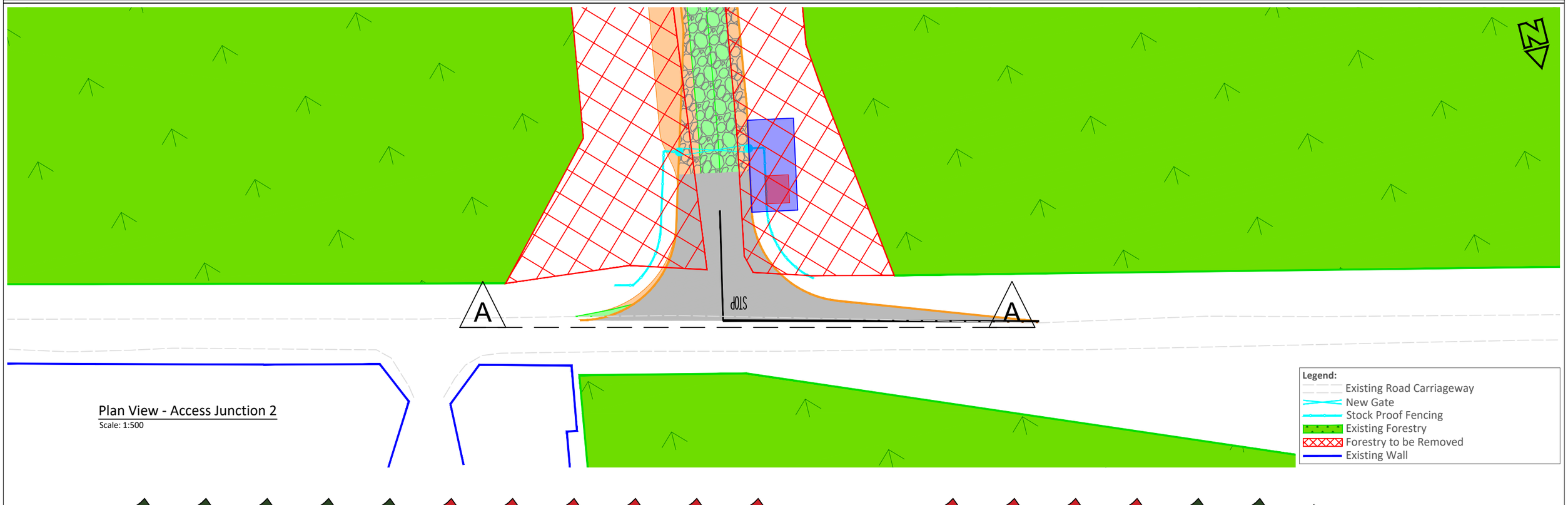
PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**Access 1 Plan and Elevations**

| PROJECT No.: | DRAWING No.: | SCALE: |
|---|---|---|
| 240740 | 240740 - 80 | 1:500 @ A3 |

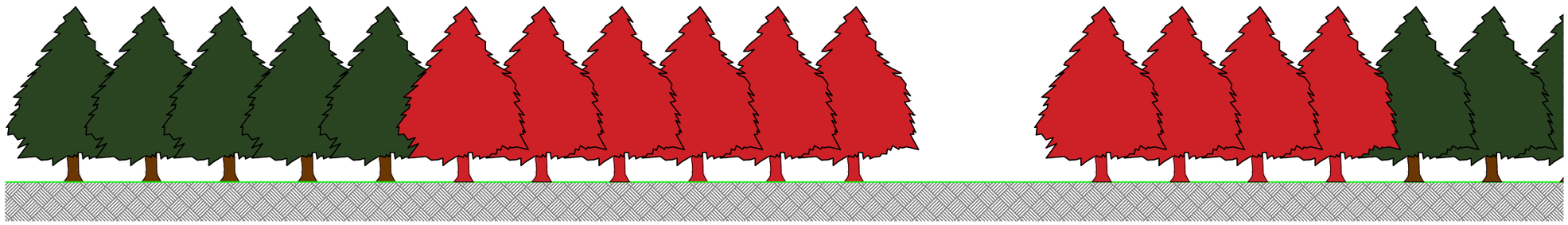
| DRAWN BY: | CHECKED BY: | DATE: | REVISION.: |
|---|---|---|---|
| JOB | AC | 06.10.2026 | P01 |

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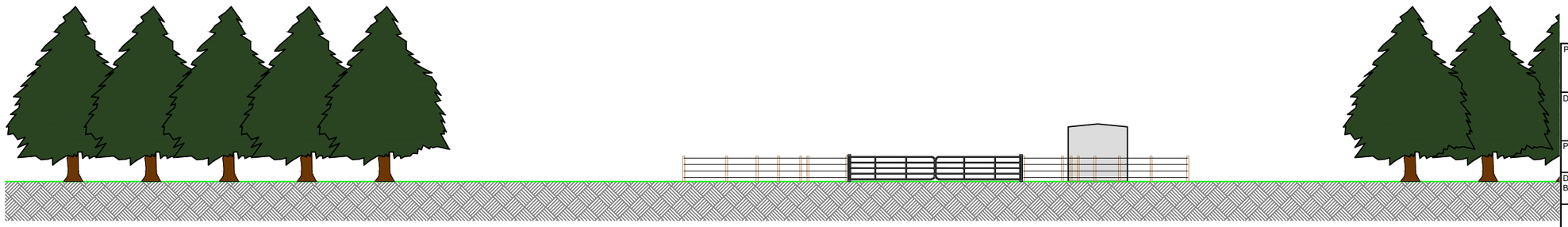



Plan View - Access Junction 2
Scale: 1:500

**Legend:**
- Existing Road Carriageway
- New Gate
- Stock Proof Fencing
- Existing Forestry
- Forestry to be Removed
- Existing Wall



Elevation A-A - Forestry to be removed
Scale: 1:250



Elevation A-A - Operational Phase
Scale: 1:250

**Legend:**
- Field Gate
- Stock Proof Fencing
- Existing Forestry
- Forestry to be Removed
- Security Cabin

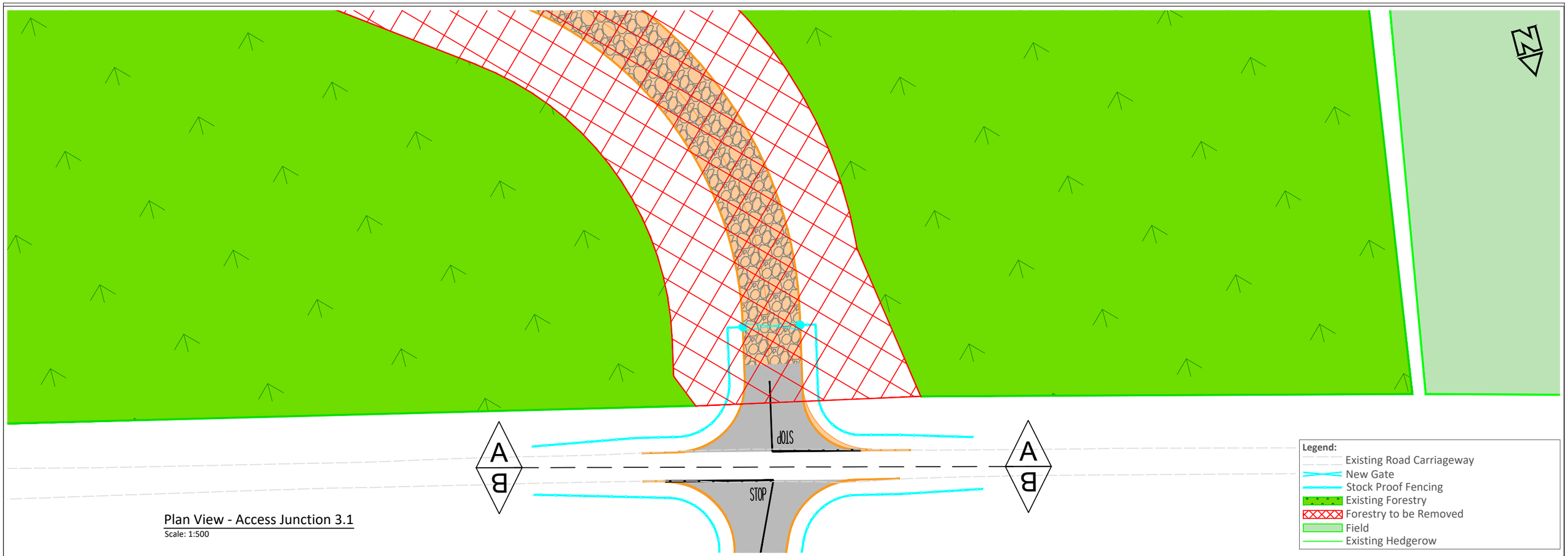
PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**Access 2 Plan and Elevations**

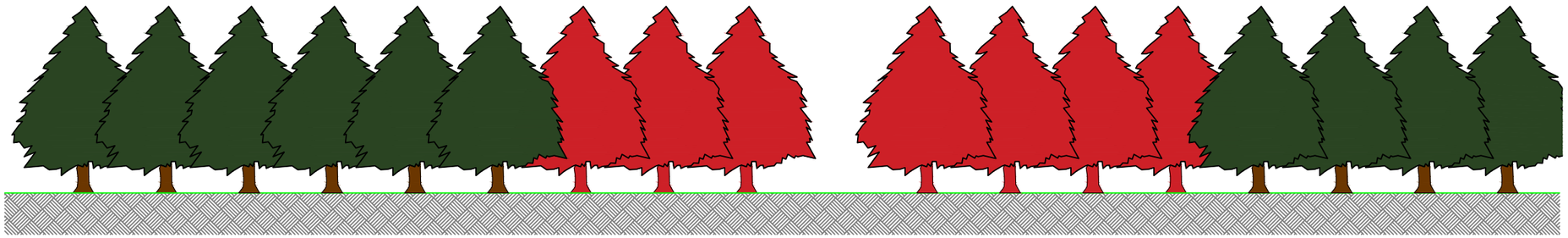
| PROJECT No.: | DRAWING No.: | SCALE: |
|---|---|---|
| 240740 | 240740 - 81 | As Shown @ A3 |

| DRAWN BY: | CHECKED BY: | DATE: | REVISION.: |
|---|---|---|---|
| JOB | AC | 06.10.2026 | P01 |

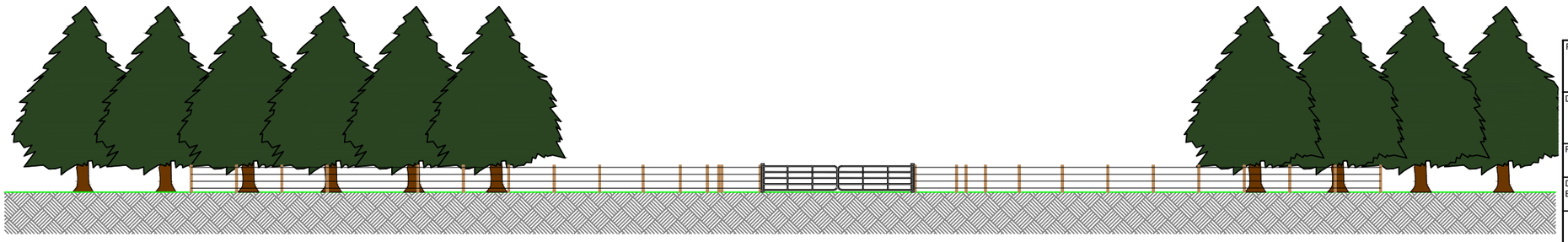
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Plan View - Access Junction 3.1
Scale: 1:500



Elevation A-A - Forestry to be removed
Scale: 1:250

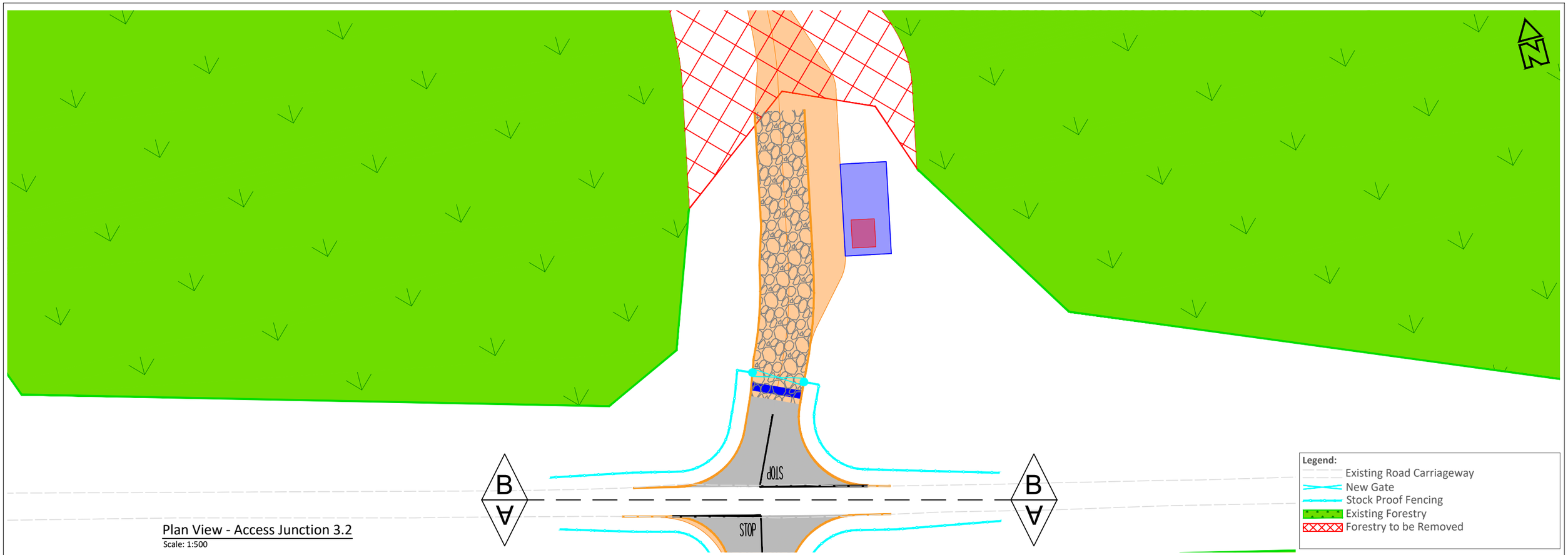


Elevation A-A - Operational Phase
Scale: 1:250

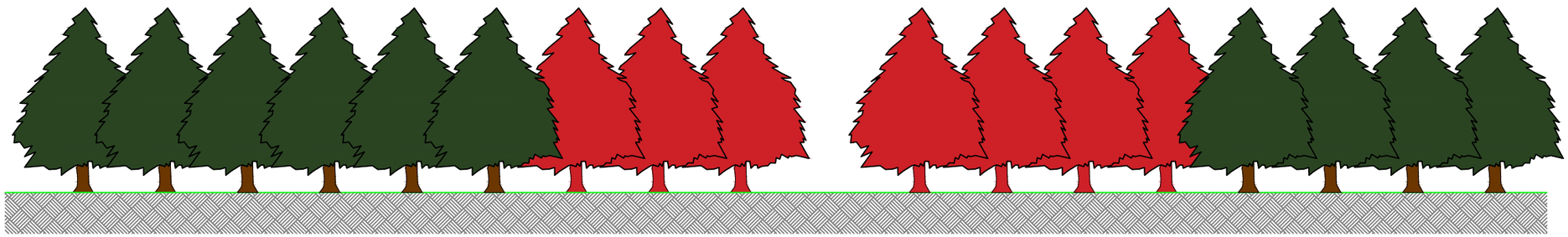
Legend:
- Field Gate
- Stock Proof Fencing
- Existing Forestry
- Forestry to be Removed
- Security Cabin

| | | | |
|---|---|---|---|
| PROJECT TITLE: Slievegrine Renewable Energy Development, Co. Waterford | | | |
| DRAWING TITLE: Access 3.1 Plan and Elevations | | | |
| PROJECT No.: 240740 | DRAWING No.: 240740 - 82 | | SCALE: As Shown @ A3 |
| DRAWN BY: JOB | CHECKED BY: AC | DATE: 06.10.2026 | REVISION.: P01 |

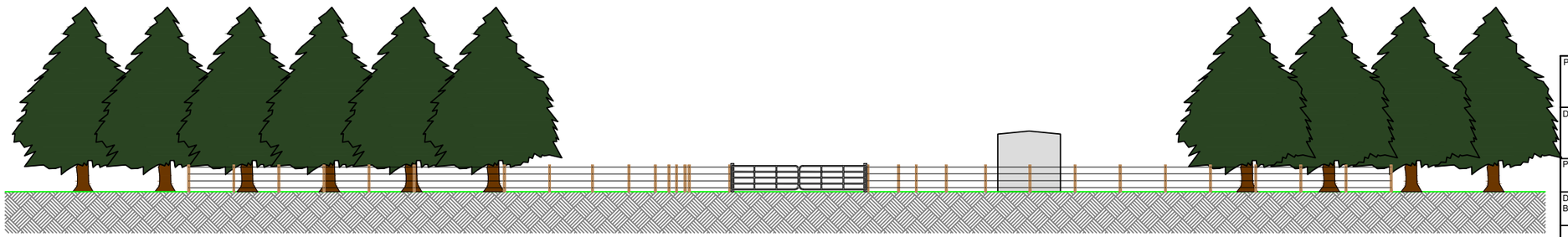
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Plan View - Access Junction 3.2
Scale: 1:500



Elevation B-B - Forestry to be removed
Scale: 1:250



Elevation B-B - Operational Phase
Scale: 1:250

**Legend:**
- Existing Road Carriageway
- New Gate
- Stock Proof Fencing
- Existing Forestry
- Forestry to be Removed

**Legend:**
- Field Gate
- Stock Proof Fencing
- Existing Forestry
- Forestry to be Removed
- Security Cabin

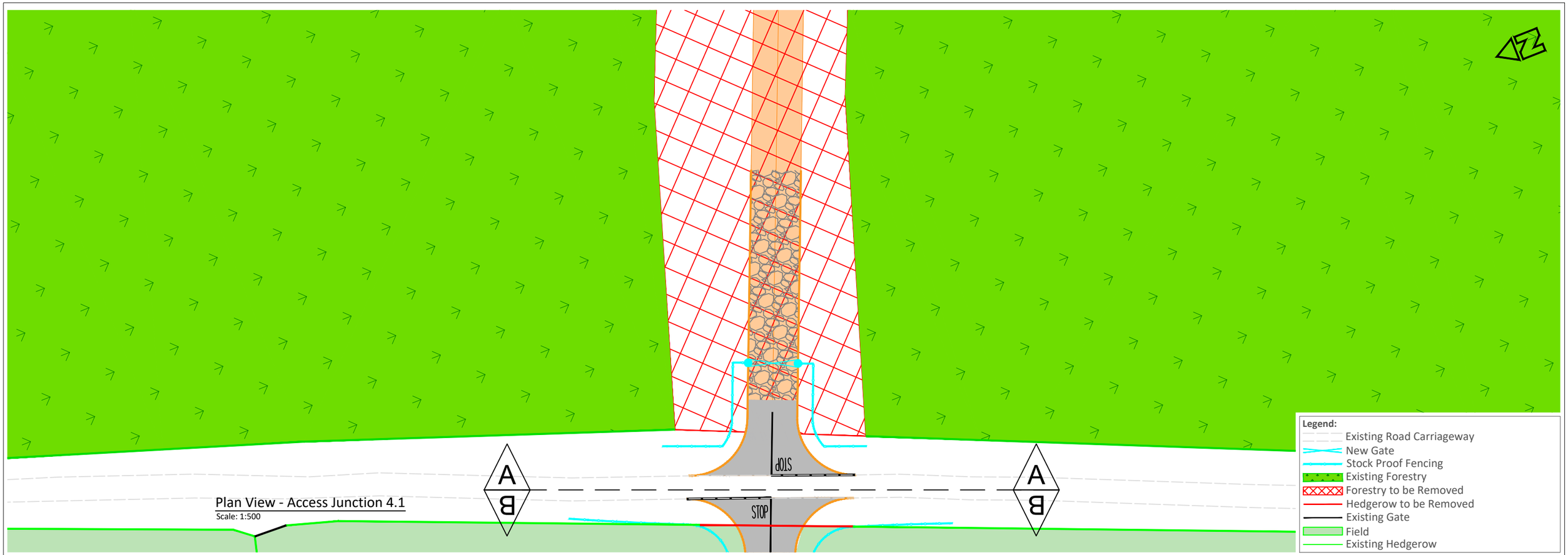
PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**Access 3.2 Plan and Elevations**

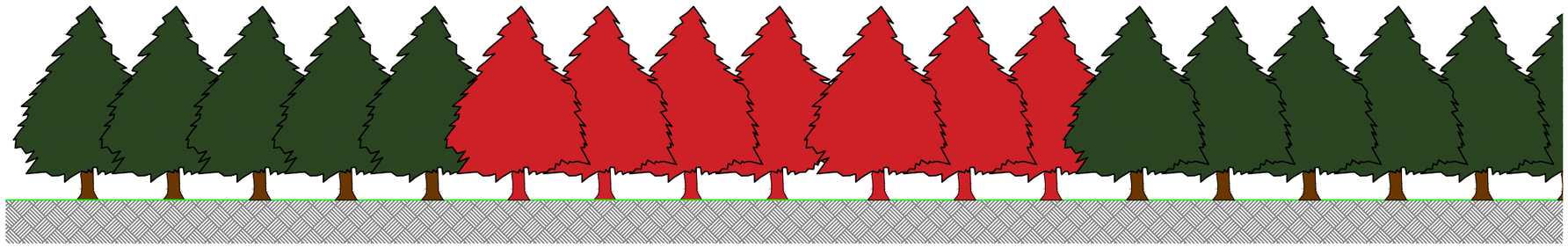
| PROJECT No.: | DRAWING No.: | SCALE: |
|---|---|---|
| 240740 | 240740 - 83 | As Shown @ A3 |

| DRAWN BY: | CHECKED BY: | DATE: | REVISION.: |
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| JOB | AC | 06.10.2026 | P01 |

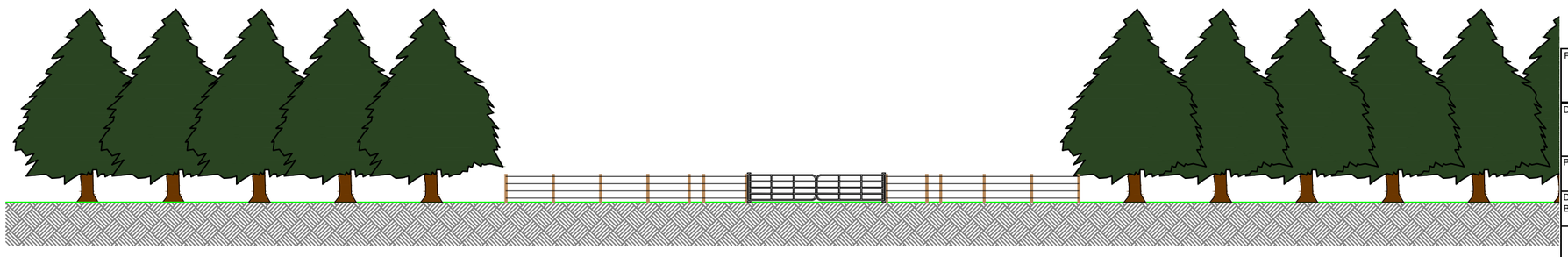
Email: info@www.mkoireland.ie /Website: www.mkoireland.ie




Plan View - Access Junction 4.1
Scale: 1:500



Elevation A-A - Forestry to be removed
Scale: 1:250



Elevation A-A - Operational Phase
Scale: 1:250

Legend:
- Field Gate
- Stock Proof Fencing
- Existing Forestry
- Forestry to be Removed
- Security Cabin

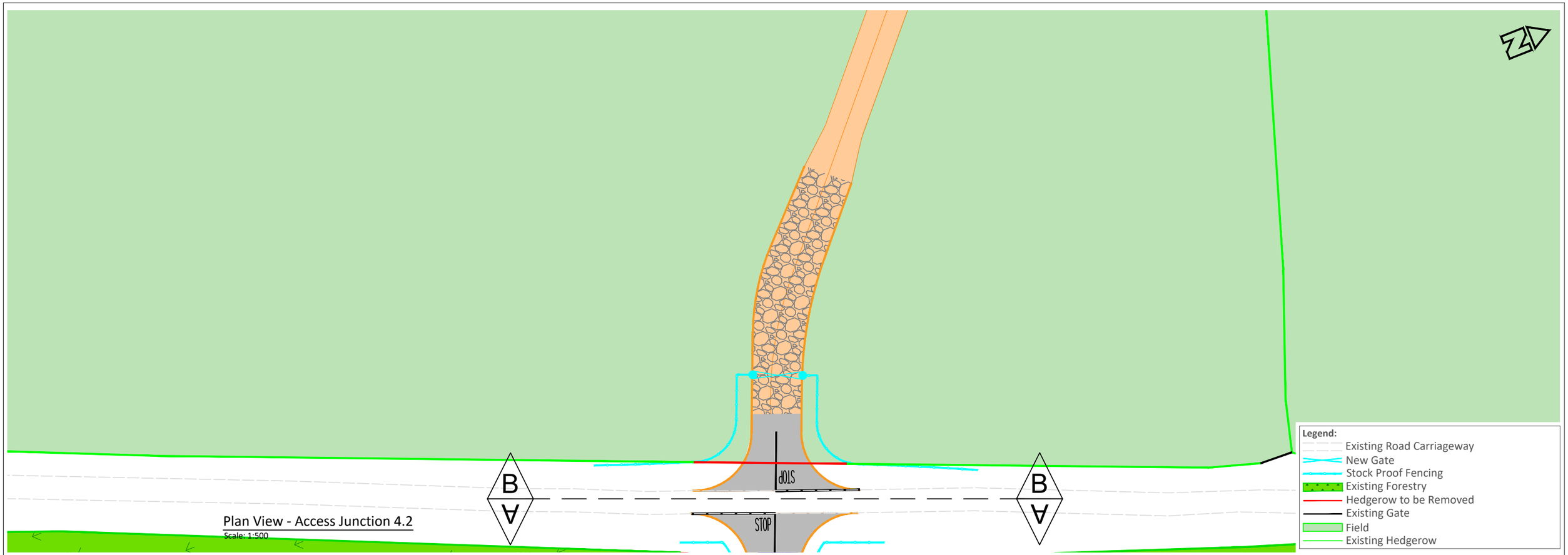
PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**Access 4.1 Plan and Elevations**

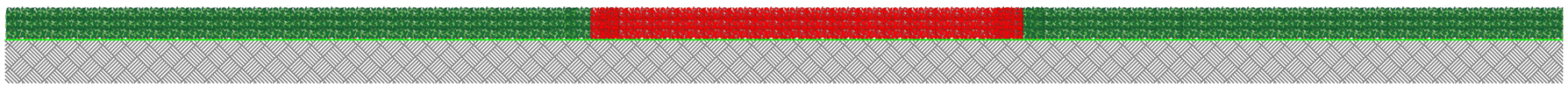
| PROJECT No.: | DRAWING No.: | SCALE: |
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| 240740 | 240740 - 84 | As Shown @ A3 |

| DRAWN BY: | CHECKED BY: | DATE: | REVISION.: |
|---|---|---|---|
| JOB | AC | 07.10.2026 | P01 |

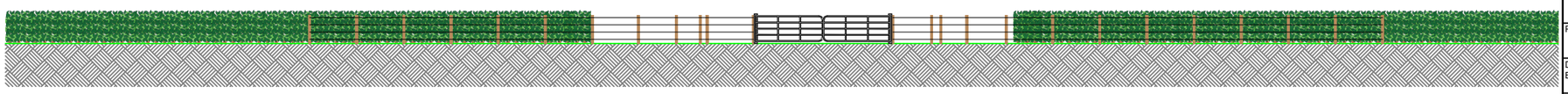
MKO
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Plan View - Access Junction 4.2
Scale: 1:500



Elevation B-B - Hedgerow to be removed
Scale: 1:250



Elevation B-B - Operational Phase
Scale: 1:250

**Legend:**
- Existing Road Carriageway
- New Gate
- Stock Proof Fencing
- Existing Forestry
- Hedgerow to be Removed
- Existing Gate
- Field
- Existing Hedgerow

**Legend:**
- Field Gate
- Stock Proof Fencing
- Existing Hedgerow
- Hedgerow to be Removed
- Security Cabin

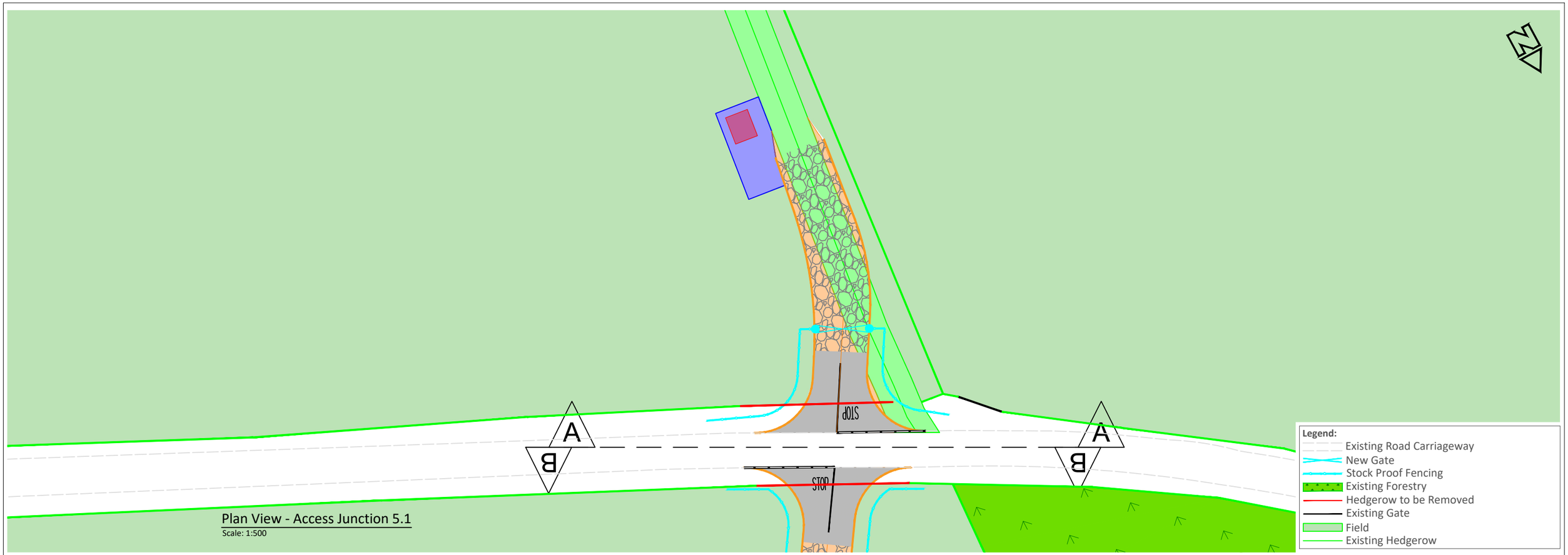
PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**Access 4.2 Plan and Elevations**

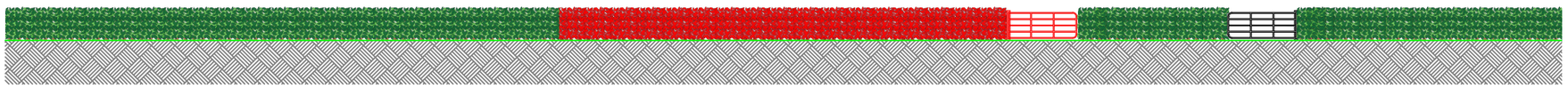
| PROJECT No.: | DRAWING No.: | SCALE: |
|---|---|---|
| 240740 | 240740 - 85 | As Shown @ A3 |

| DRAWN BY: | CHECKED BY: | DATE: | REVISION.: |
|---|---|---|---|
| JOB | AC | 06.10.2026 | P01 |

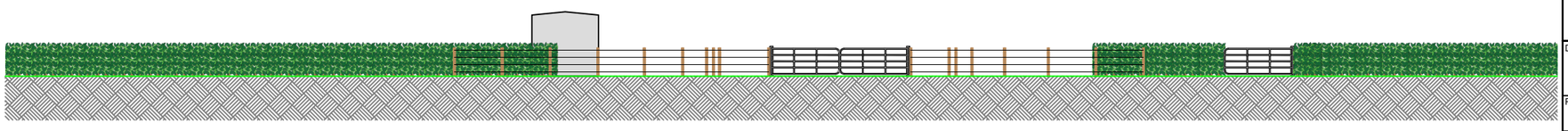
Email: info@www.mkoireland.ie /Website: www.mkoireland.ie




Plan View - Access Junction 5.1
Scale: 1:500



Elevation A-A - Hedgerow to be removed
Scale: 1:250



Elevation A-A - Operational Phase
Scale: 1:250

Legend:
- Field Gate
- Stock Proof Fencing
- Existing Hedgerow
- Hedgerow to be Removed
- Security Cabin
- Field Gate to be Removed

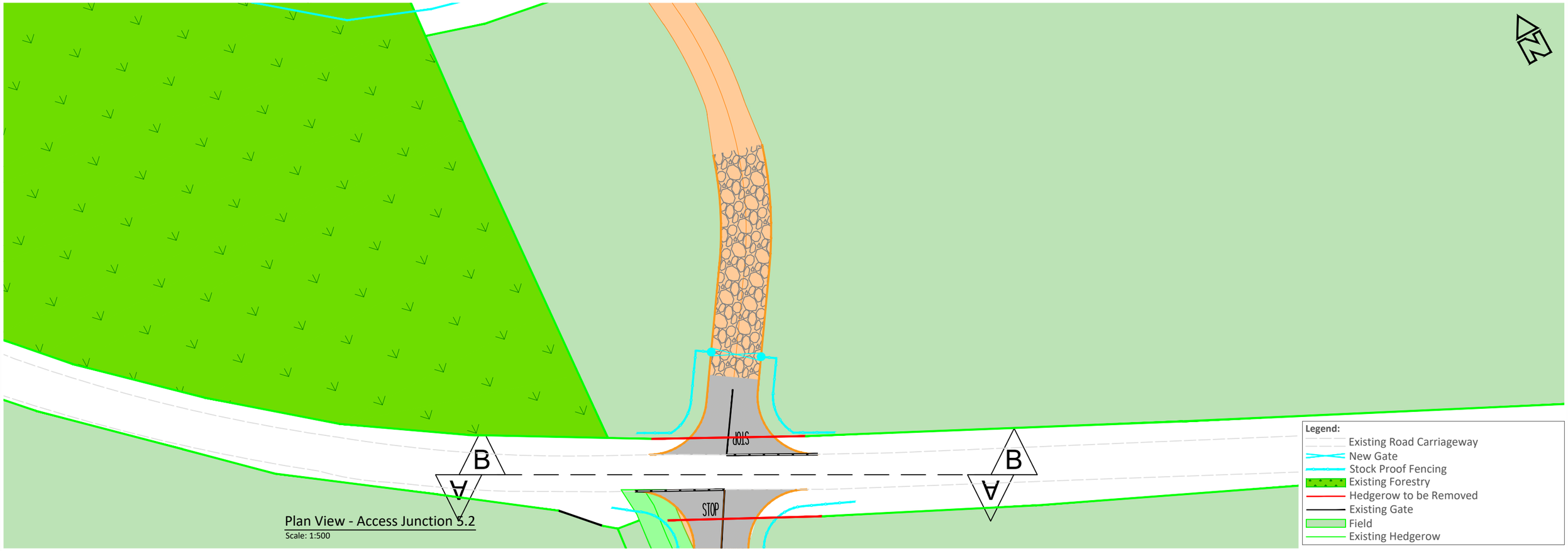
PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**Access 5.1 Plan and Elevations**

| PROJECT No.: | DRAWING No.: | SCALE: |
|---|---|---|
| 240740 | 240740 - 86 | As Shown @ A3 |

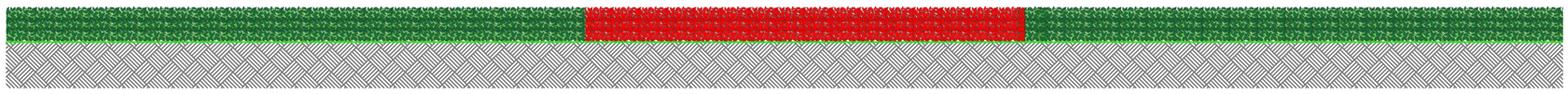
| DRAWN BY: | CHECKED BY: | DATE: | REVISION.: |
|---|---|---|---|
| JOB | AC | 06.10.2026 | P01 |

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

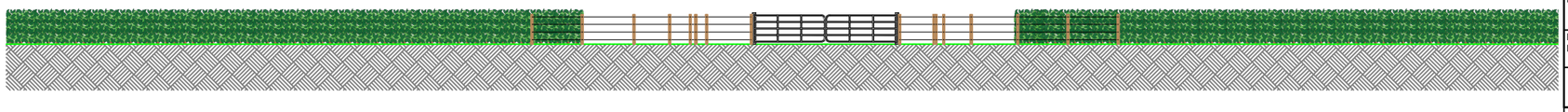



Plan View - Access Junction 5.2
Scale: 1:500

**Legend:**
- Existing Road Carriageway
- New Gate
- Stock Proof Fencing
- Existing Forestry
- Hedgerow to be Removed
- Existing Gate
- Field
- Existing Hedgerow



Elevation B-B - Hedgerow to be removed
Scale: 1:250



Elevation B-B - Operational Phase
Scale: 1:250

**Legend:**
- Field Gate
- Stock Proof Fencing
- Existing Hedgerow
- Hedgerow to be Removed

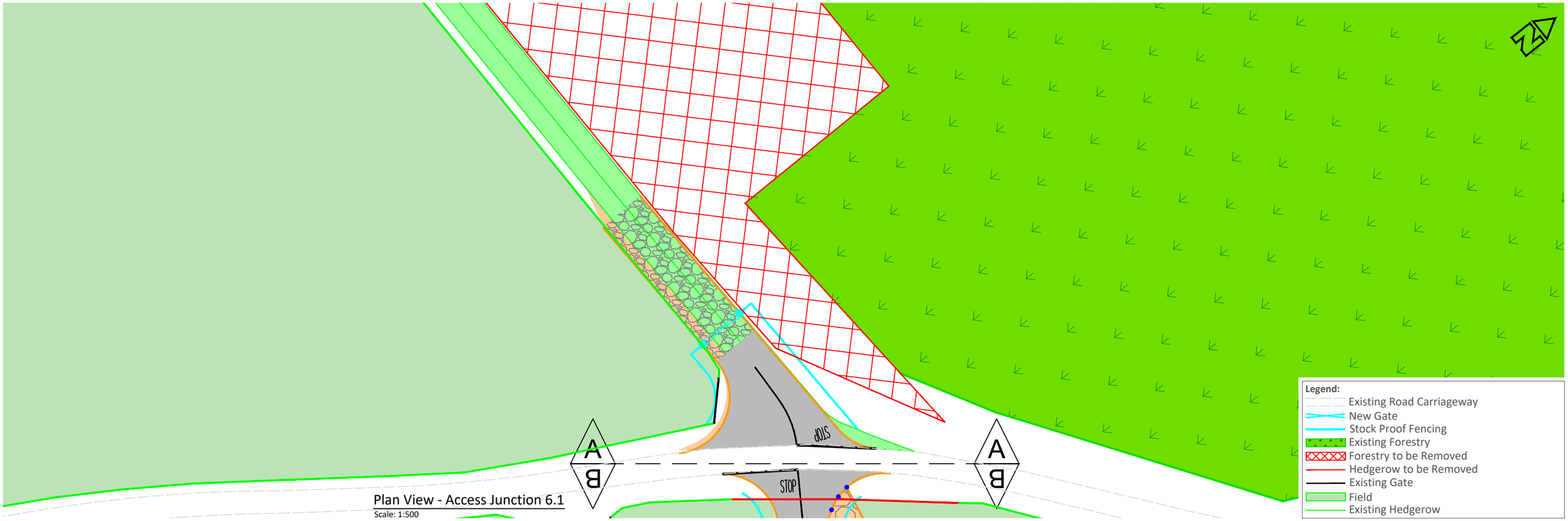
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**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**Access 5.2 Plan and Elevations**

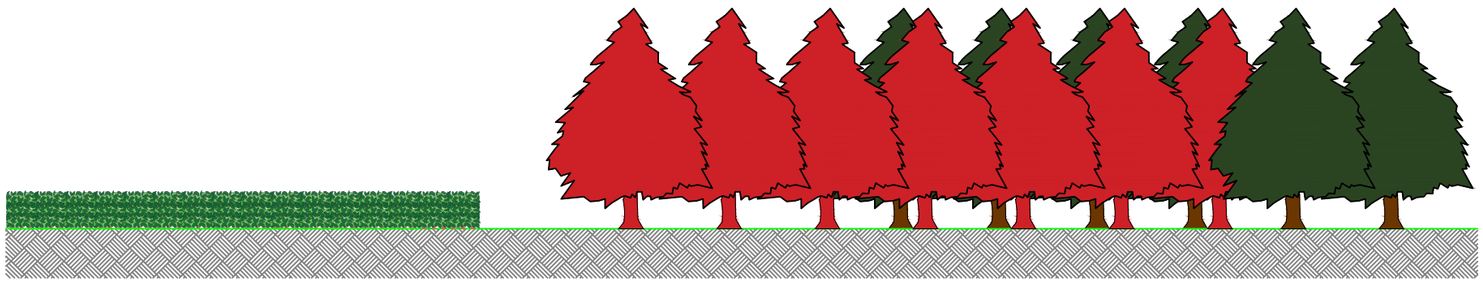
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| 240740 | 240740 - 87 | As Shown @ A3 |

| DRAWN BY: | CHECKED BY: | DATE: | REVISION.: |
|---|---|---|---|
| JOB | AC | 06.10.2026 | P01 |

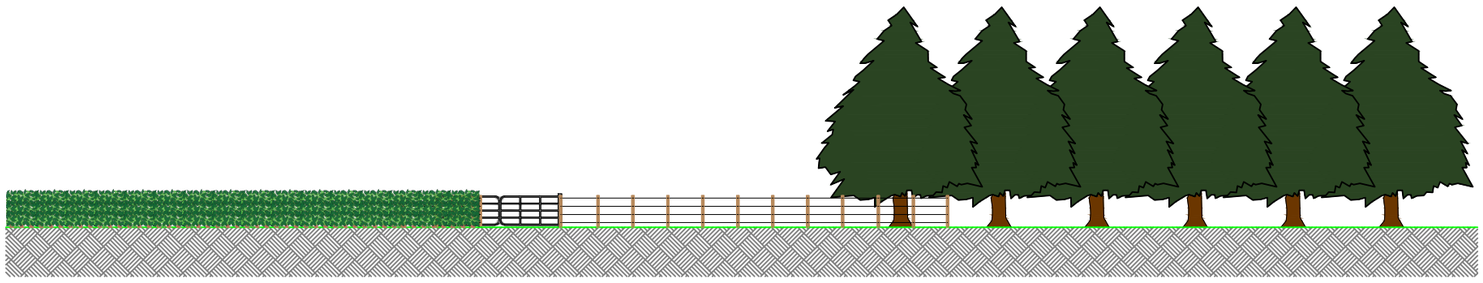
Email: info@www.mkoireland.ie /Website: www.mkoireland.ie




Plan View - Access Junction 6.1
Scale: 1:500



Elevation A-A - Hedgerow to be removed
Scale: 1:250



Elevation A-A - Operational Phase
Scale: 1:250

Legend:
Field Gate
Stock Proof Fencing
Existing Hedgerow
Hedgerow to be Removed

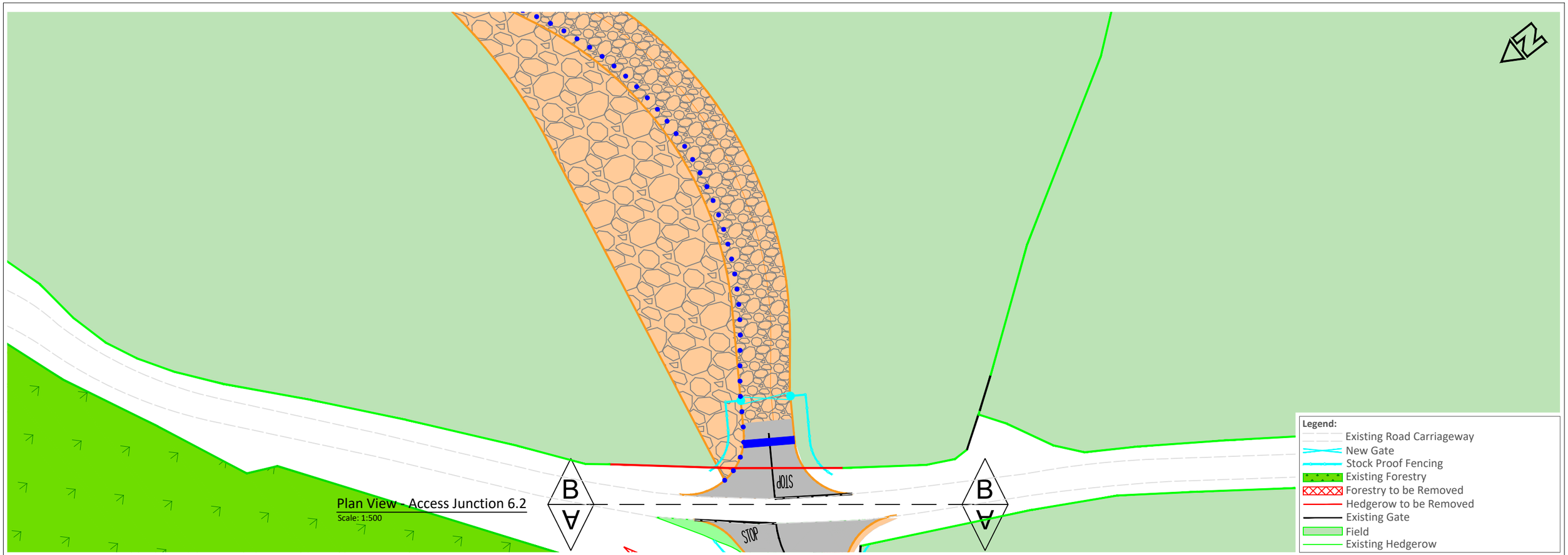
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DRAWING TITLE:
**Access 6.1 Plan and Elevations**

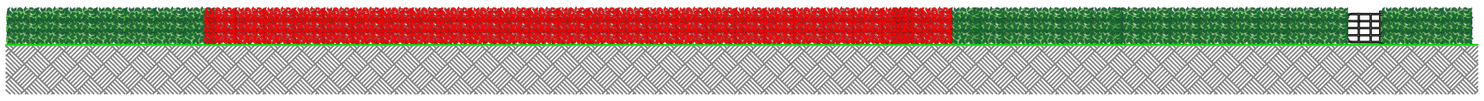
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| DRAWN BY: | CHECKED BY: | DATE: | REVISION.: |
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| JOB | AC | 06.10.2026 | P01 |

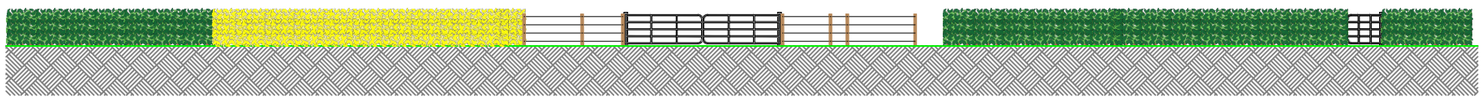
Email: info@www.mkoireland.ie /Website: www.mkoireland.ie




Plan View - Access Junction 6.2
Scale: 1:500



Elevation B-B - Hedgerow to be removed
Scale: 1:250



Elevation B-B - Operational Phase
Scale: 1:250

Legend:
Field Gate
Stock Proof Fencing
Existing Hedgerow
Hedgerow to be Removed
Hedgerow to be Replanted

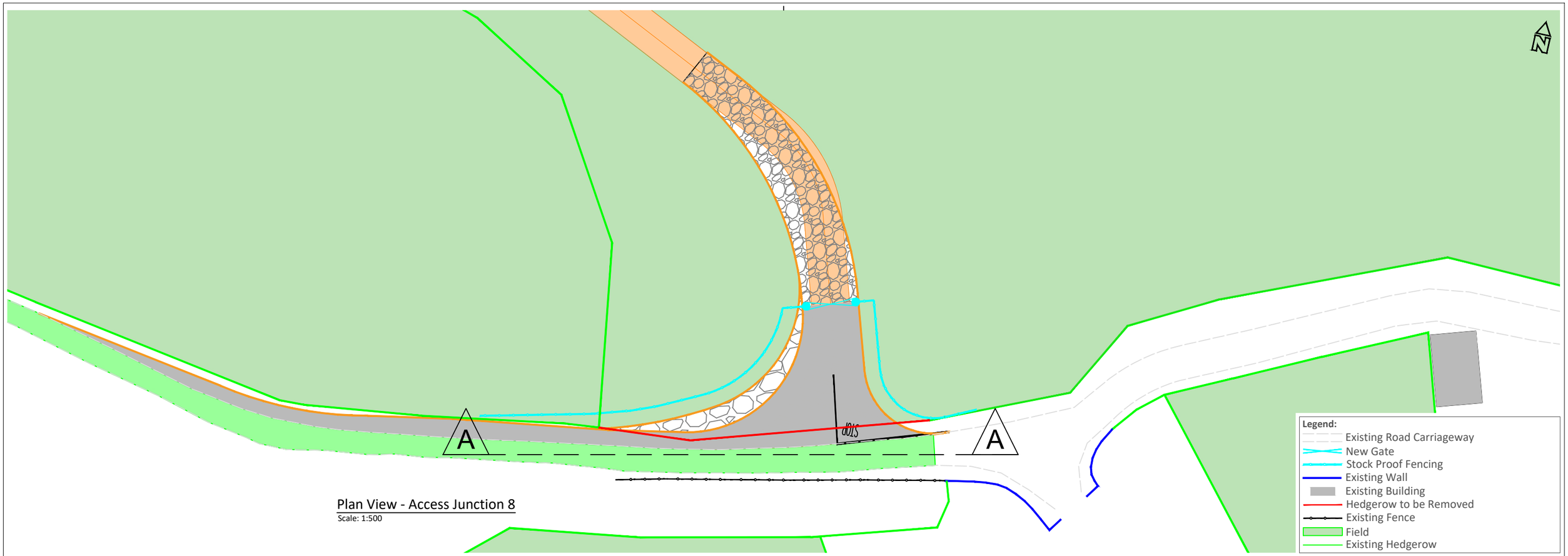
PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**Access 6.2 Plan and Elevations**

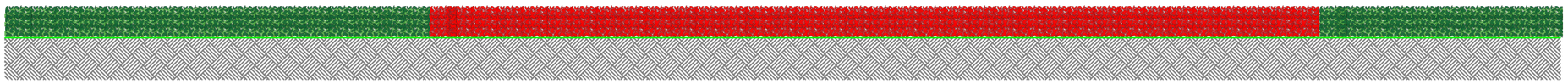
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| 240740 | 240740 - 89 | As Shown @ A3 |

| DRAWN BY: | CHECKED BY: | DATE: | REVISION.: |
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| JOB | AC | 06.10.2026 | P01 |

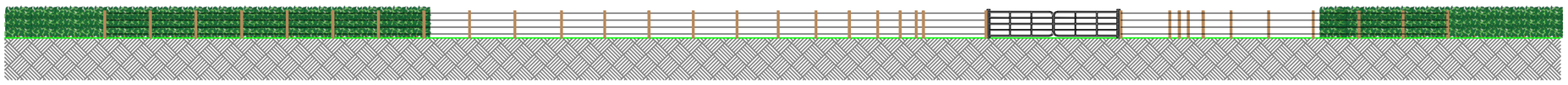
Email: info@www.mkoireland.ie /Website: www.mkoireland.ie




Plan View - Access Junction 8
Scale: 1:500



Elevation A-A - Hedgerow to be removed
Scale: 1:250



Elevation A-A - Operational Phase
Scale: 1:250

Legend:
- Field Gate
- Stock Proof Fencing
- Existing Hedgerow
- Hedgerow to be Removed

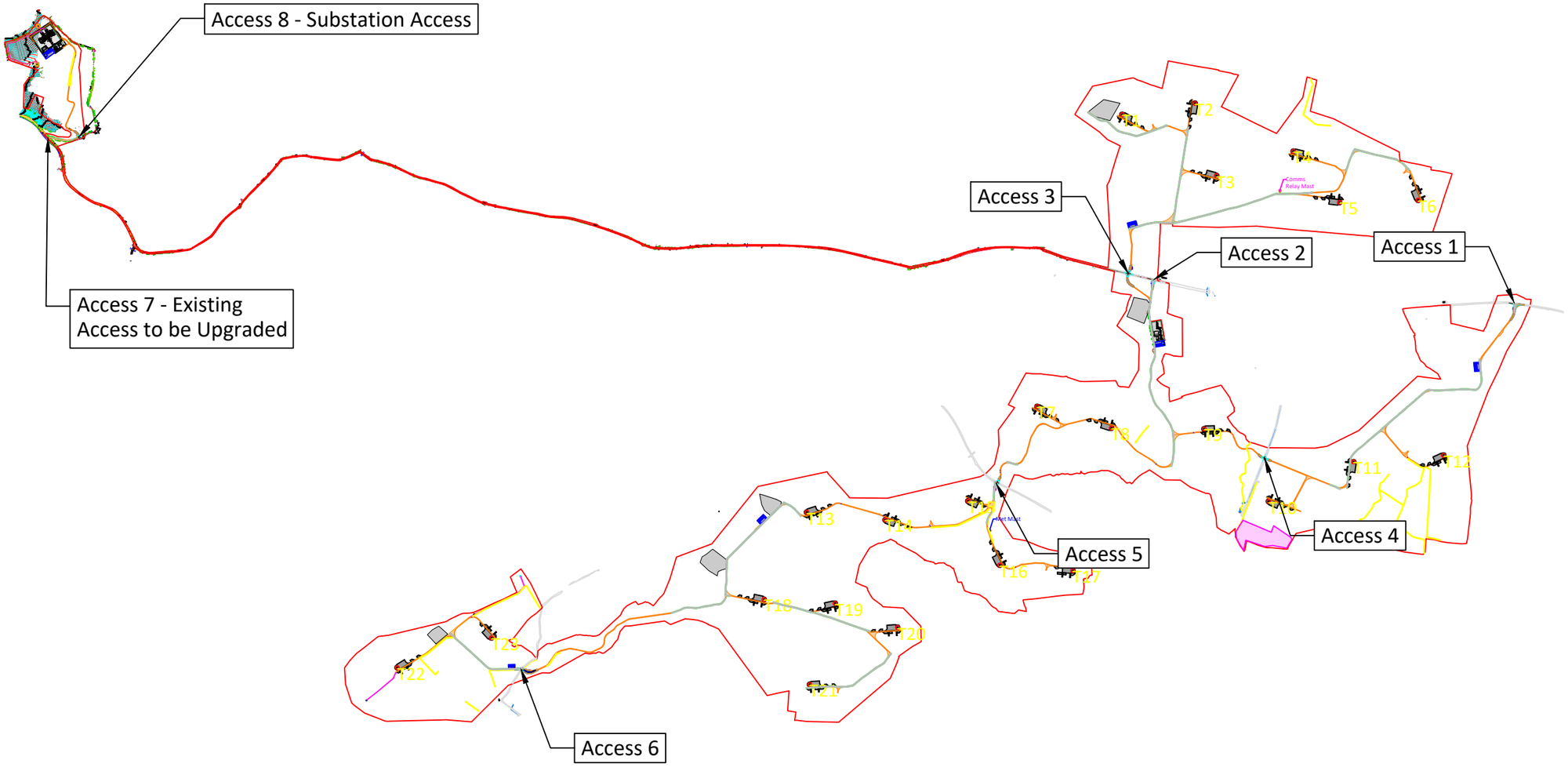
PROJECT TITLE:
**Slievegrine Renewable Energy Development, Co. Waterford**

DRAWING TITLE:
**Access 8 Plan and Elevations**

| PROJECT No.: | DRAWING No.: | SCALE: |
|---|---|---|
| 240740 | 240740 - 90 | As Shown @ A3 |

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| JOB | AC | 06.10.2026 | P01 |

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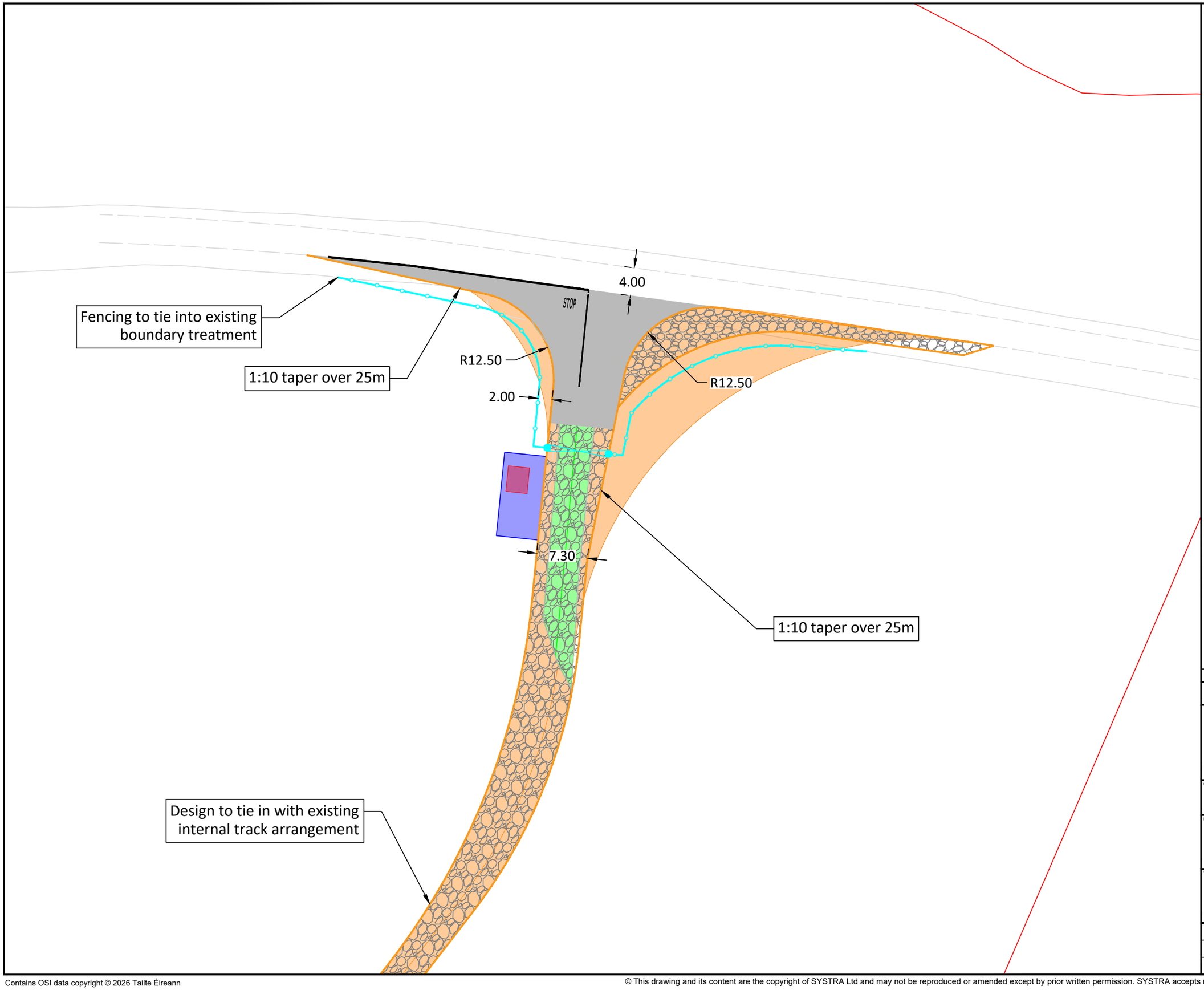
Project
Slievegrine Wind Farm
Site Access Jucntion Design

Title
Overview Plan

| Drawn | Checked | Approved |
|---|---|---|
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| **Original drg. size** | **Date** | **Scale** |
| A3 | 18/09/2026 | 1:30,000 |
| **Drawing Status** | **Drawing Number** | **Rev.** |
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Notes:

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**Key:**

- Type 1 Crushed Rock Fill
- Full Depth Construction
- Approximate Carriageway Extents
- Proposed Kerblines
- Fenceline (Removable)
- Access Gate
- Removable Bollards

| Rev. | Date | Revision details | Drawn | Checked | Approved |
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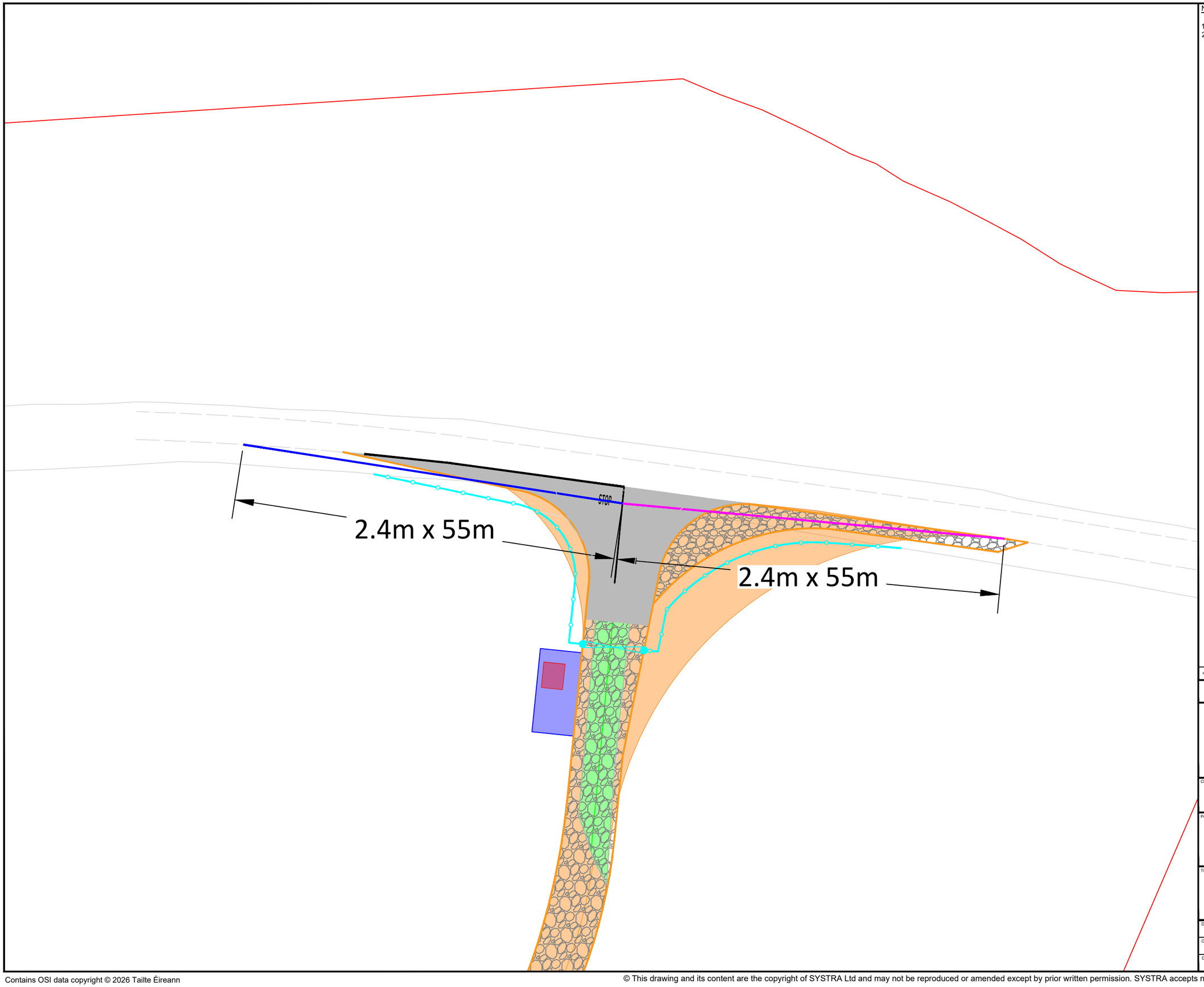
Project
Slievegrine Wind Farm
Site Access Jucntion Design

Title
Access 1
General Arrangement

| Drawn | Checked | Approved |
|---|---|---|
| TF | ADV | ADV |
| **Original drg. size** | **Date** | **Scale** |
| A3 | 18/09/2026 | 1:500 |
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**Key:**

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Visibility to the Left Splay

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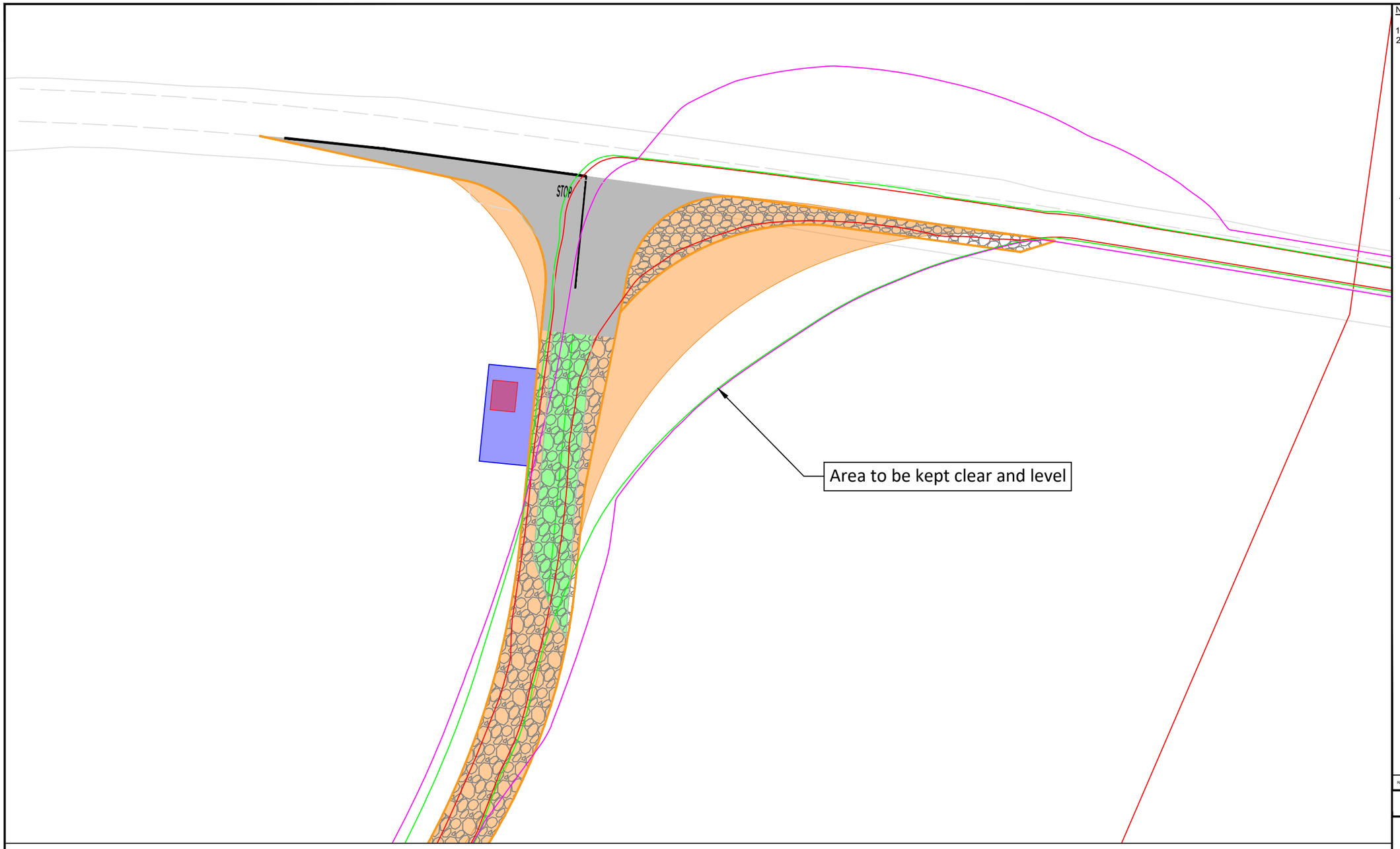
Project
Slievegrine Wind Farm
Site Access Jucntion Design

Title
Access 1
Visibility Splays

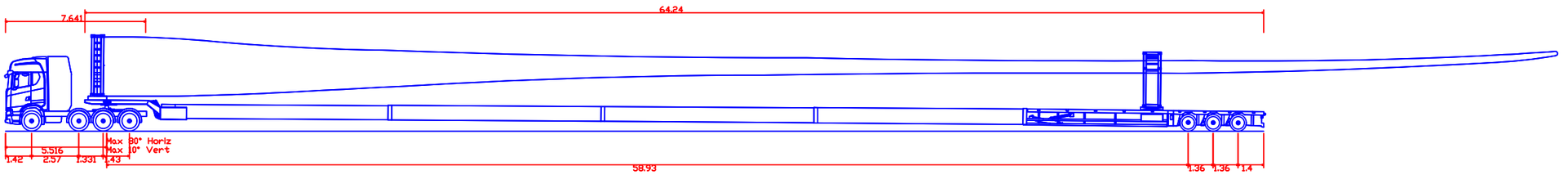
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| TF | ADV | ADV |
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| A3 | 18/09/2026 | 1:500 |
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| Information | IE01T26B10/2001/VS001 | A |

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## Vehicle Specification:




| SYSTRA Nooteboom SWC - V162 | |
|---|---|
| Overall Length | 68.566m |
| Overall Width | 2.950m |
| Overall Body Height | 5.238m |
| Min Body Ground Clearance | 0.214m |
| Max Track Width | 2.520m |
| Lock to lock time | 6.00s |
| Max Wheel Angle | 45.00° |

Notes:

1. Do not scale from drawing.
2. All dimensions in metres unless otherwise stated.

**Key:**

- Over-run envelope of tractor and trailer wheels
- Over-sail envelope being swept by tractor and trailer bed
- Over-sail envelope being swept by blade path

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|---|---|---|---|---|---|

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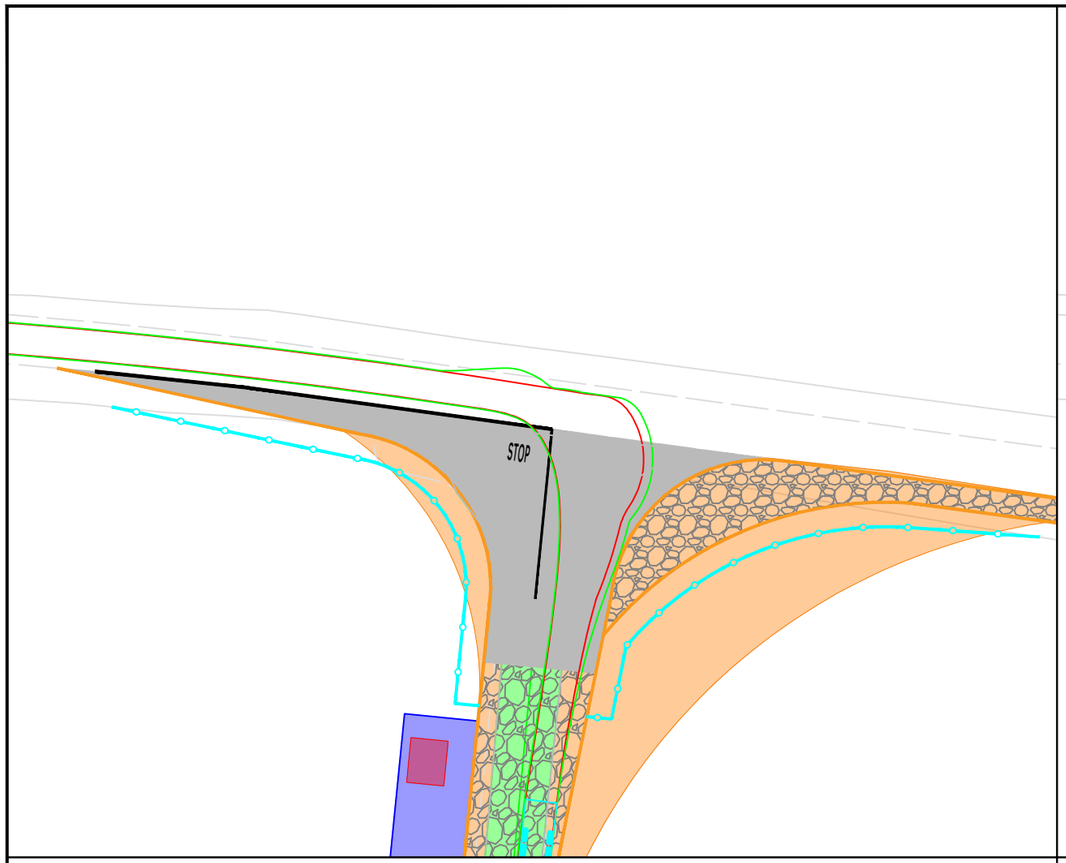
Project
Slievegrine Wind Farm
Site Access Jucntion Design

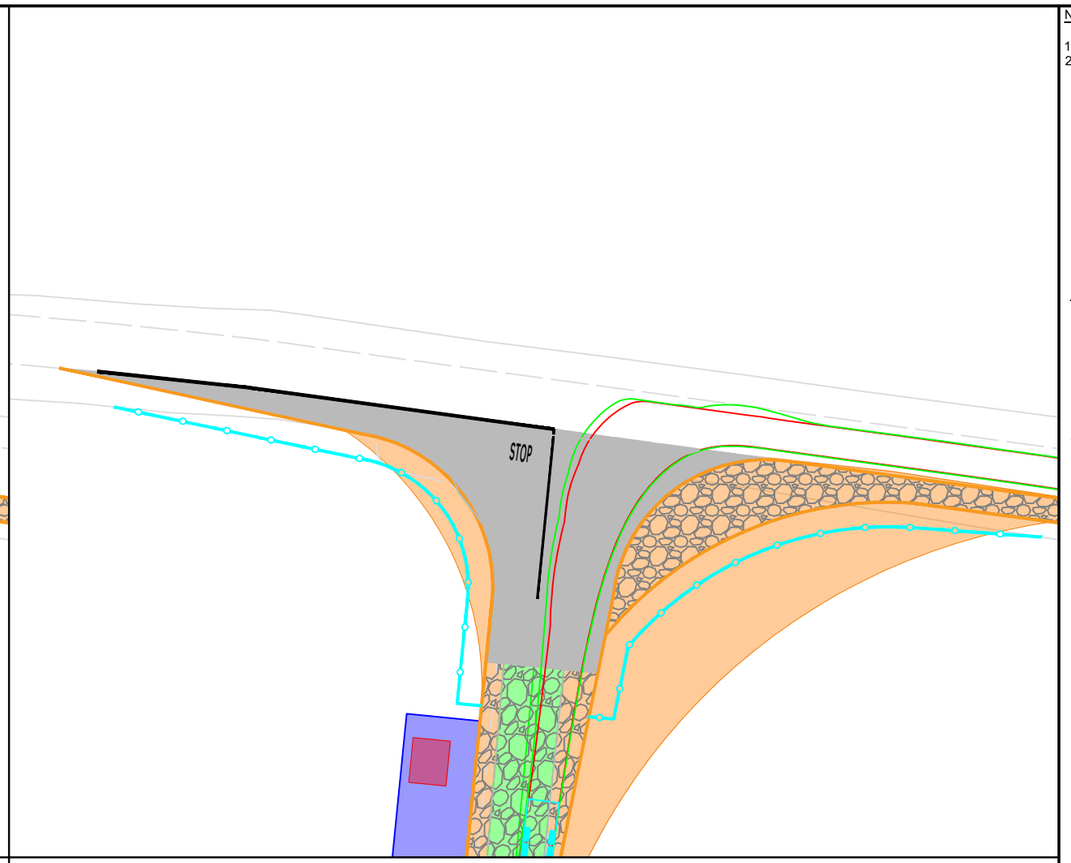
Title
Access 1
Swept Path Analysis
V162 Blade - Nooteboom Super Wing Carrier

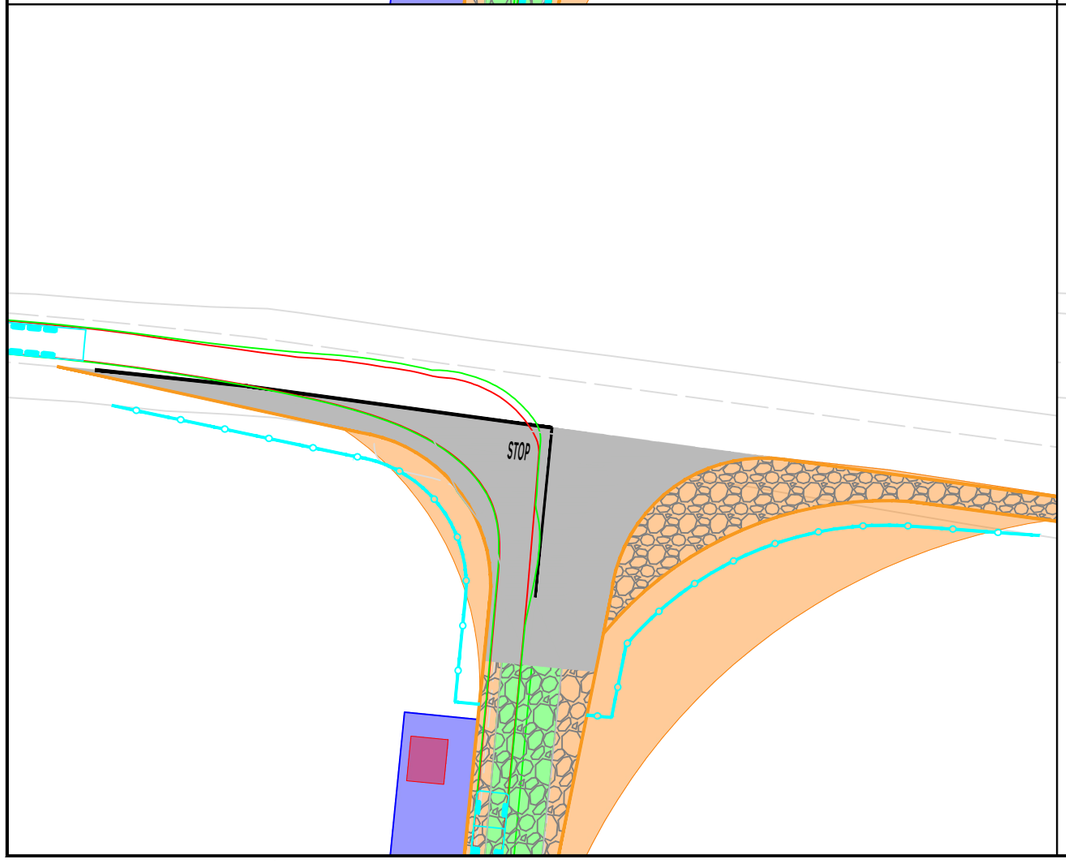
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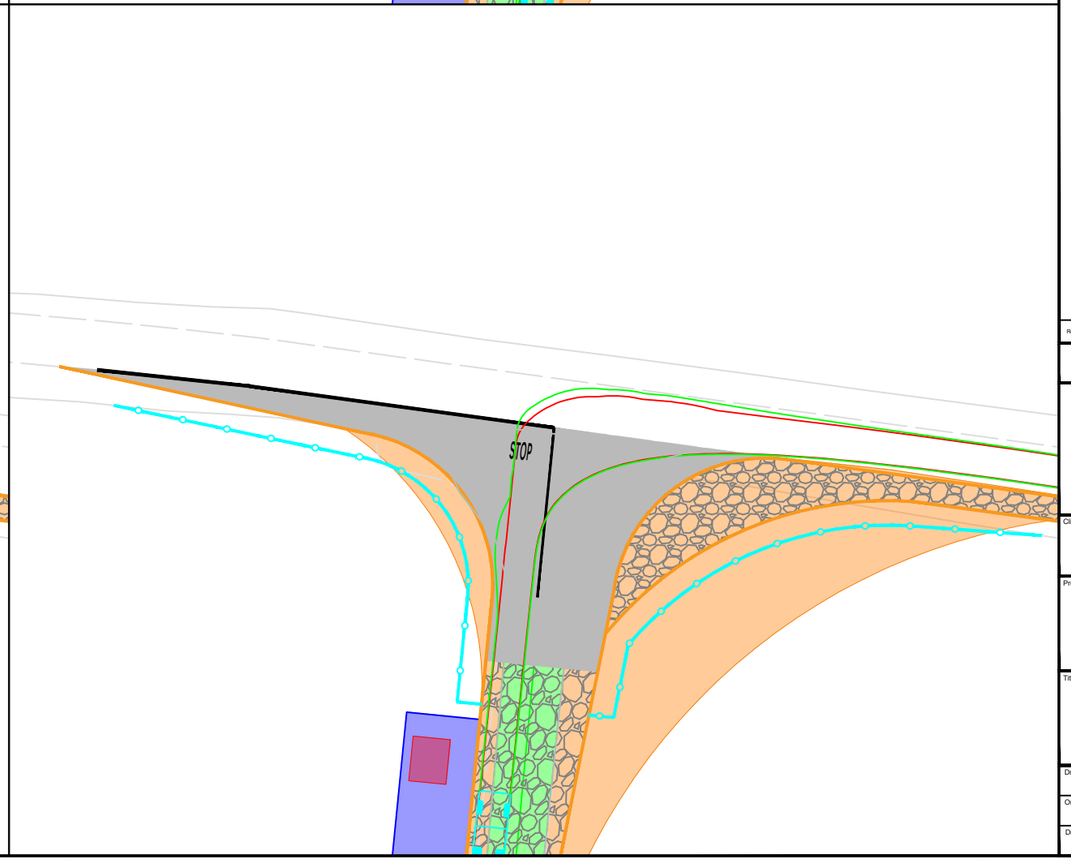
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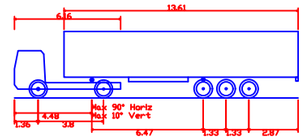
1. Do not scale from drawing.
2. All dimensions in metres unless otherwise stated.

**Key:**

Over-run envelope of vehicle wheels

Over-sail envelope being swept by vehicle chassis

**Vehicle Specification:**




FTA Design Articulated Vehicle (2016)

| | |
|---|---|
| Overall Length | 16.480m |
| Overall Width | 2.550m |
| Overall Body Height | 3.870m |
| Min Body Ground Clearance | 0.515m |
| Max Track Width | 2.470m |
| Lock to lock time | 3.00s |
| Kerb to Kerb Turning Radius | 6.600m |

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Project

Slievegrine Wind Farm
Site Access Jucntion Design

Title

Access 1
Swept Path Analysis
Maxmimum Legal Articulated Vehicle

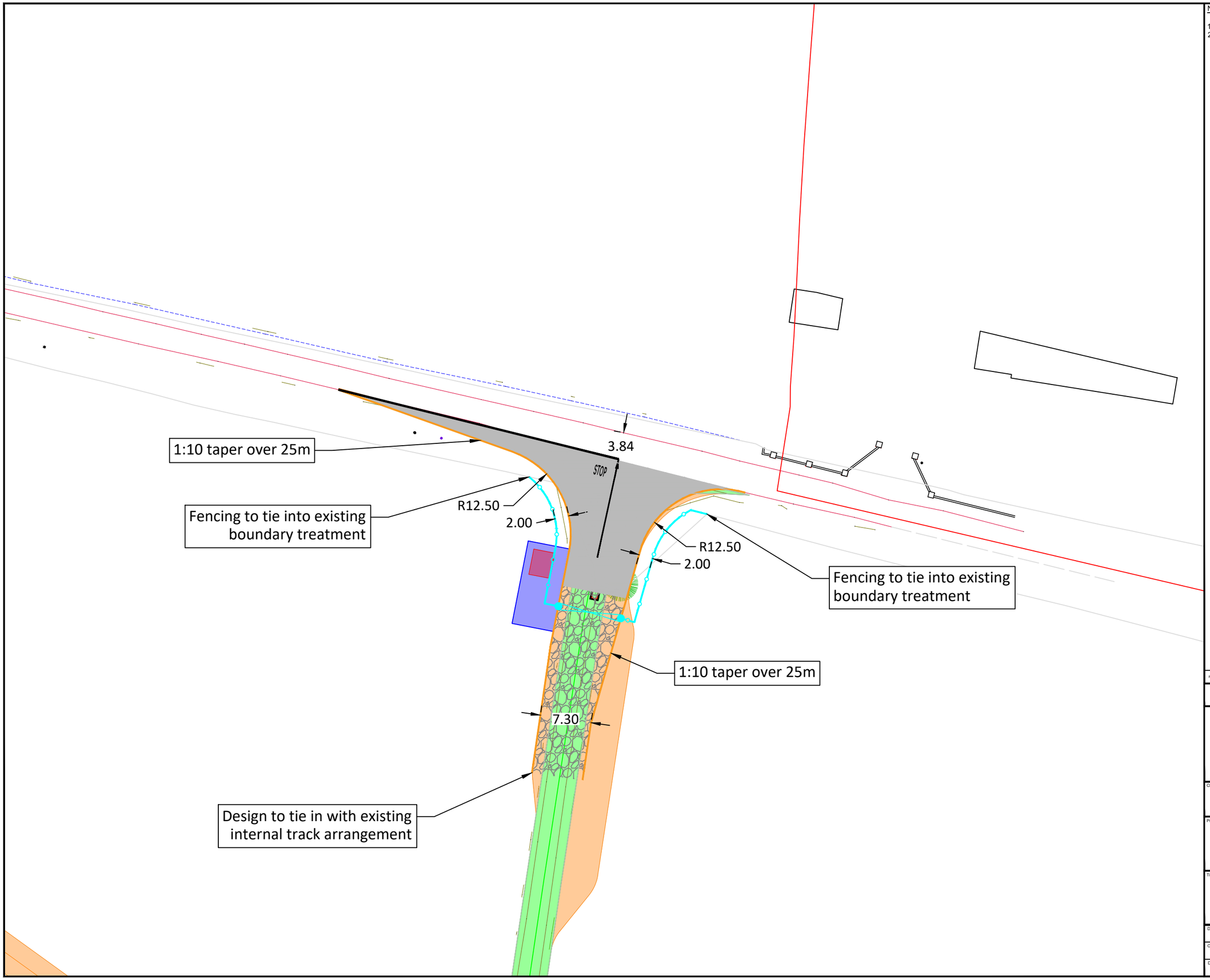
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| Original drg. size | Date | Scale |
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**Key:**

- Full Depth Construction
- Approximate Carriageway Extents
- Proposed Kerblines
- Fenceline (Removable)
- Access Gate

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Title
Access 2
General Arrangement

| Drawn | Checked | Approved |
|---|---|---|
| TF | ADV | ADV |
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**Key:**

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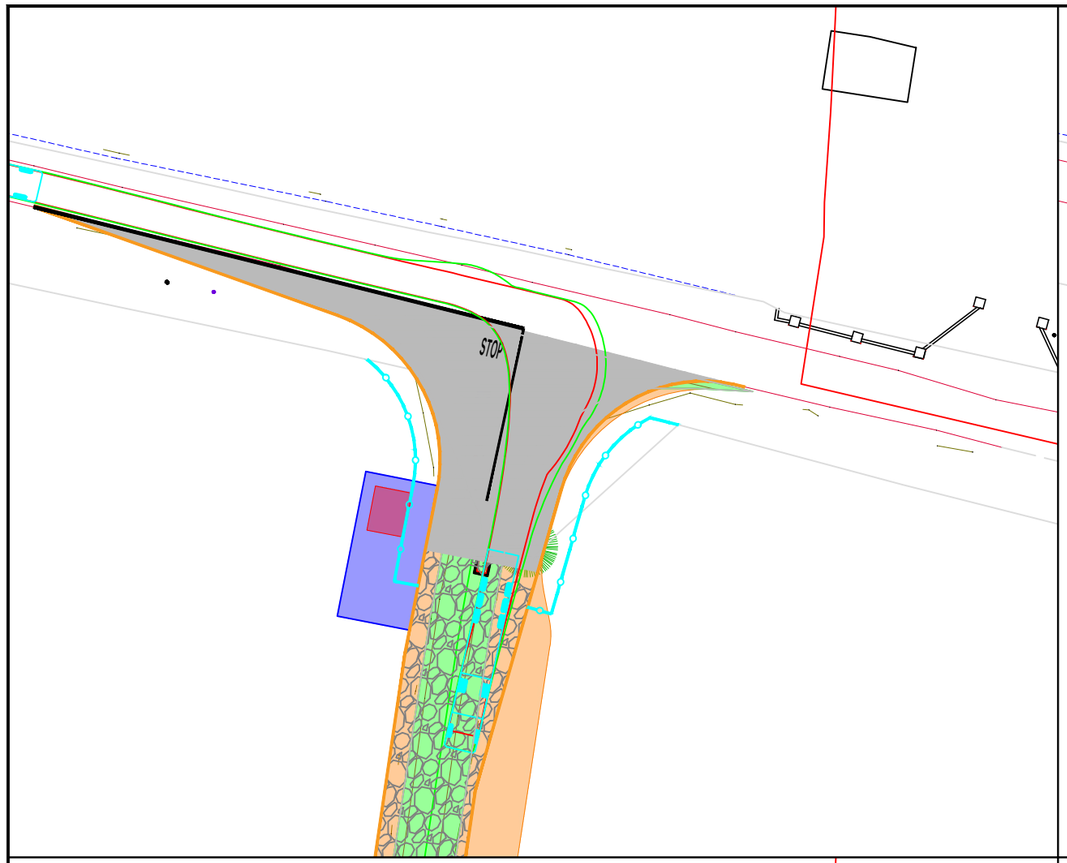
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Slievegrine Wind Farm
Site Access Jucntion Design

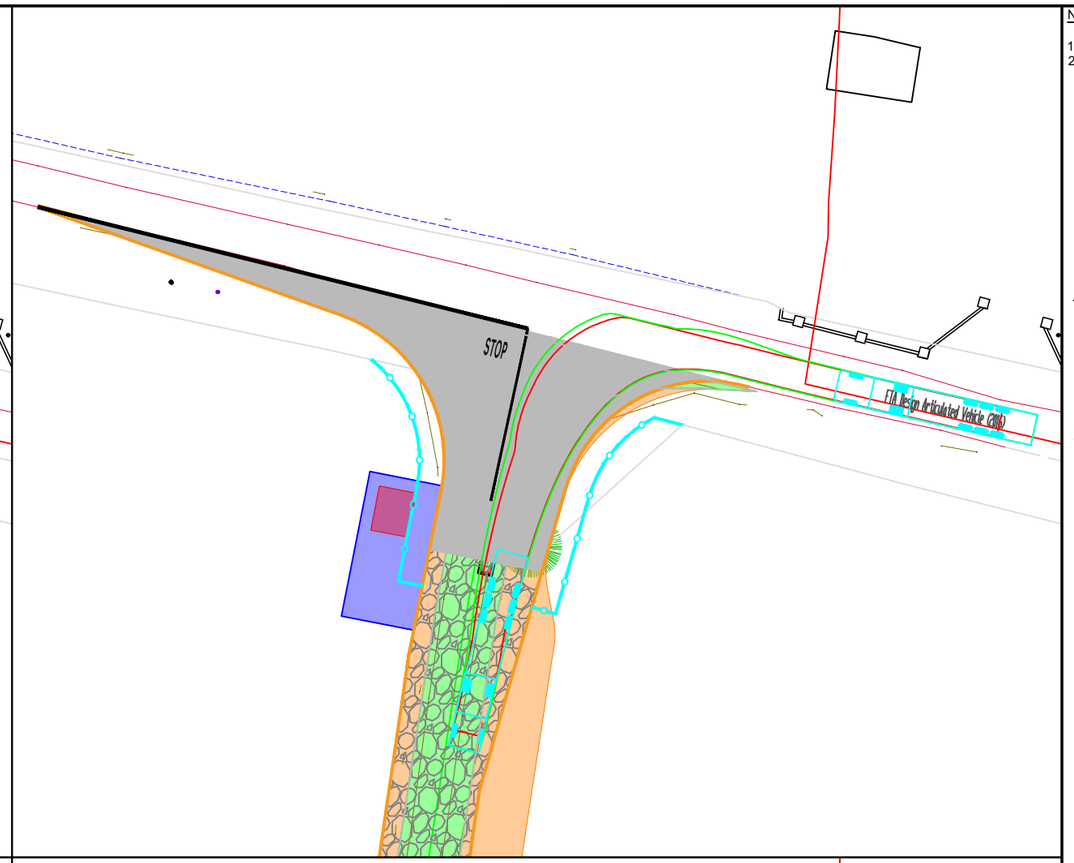
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Access 2
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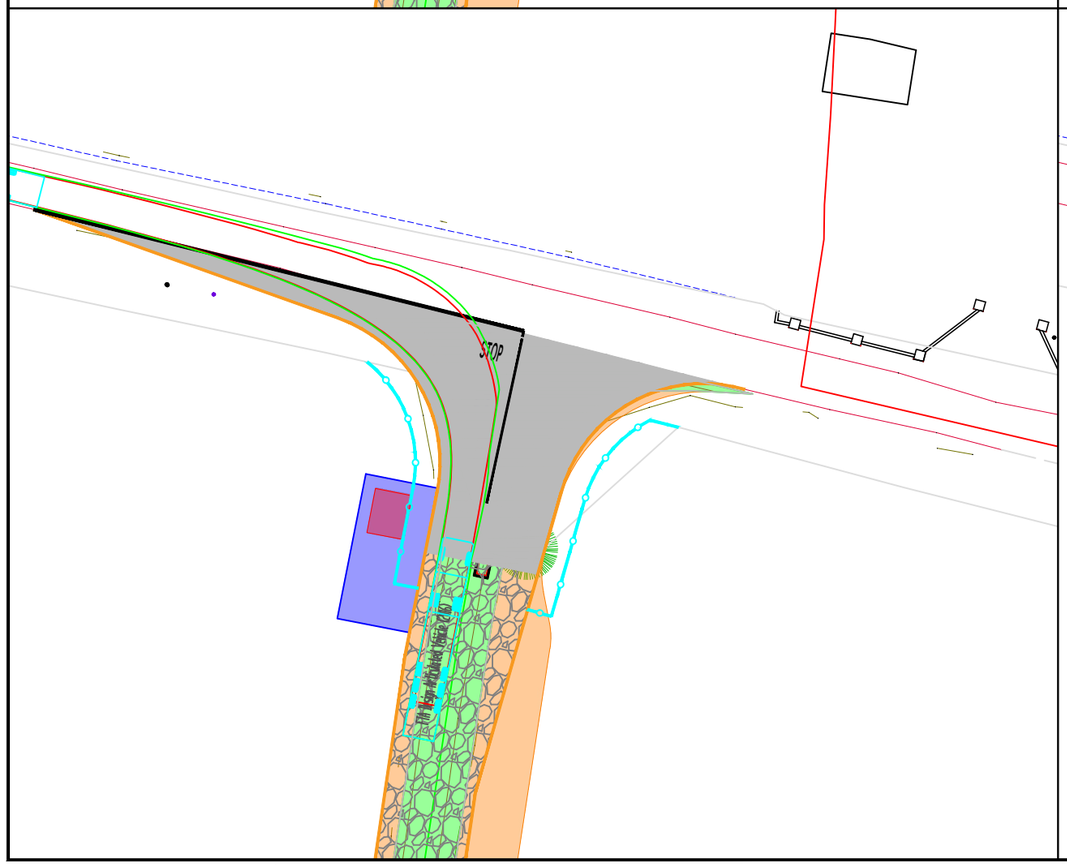
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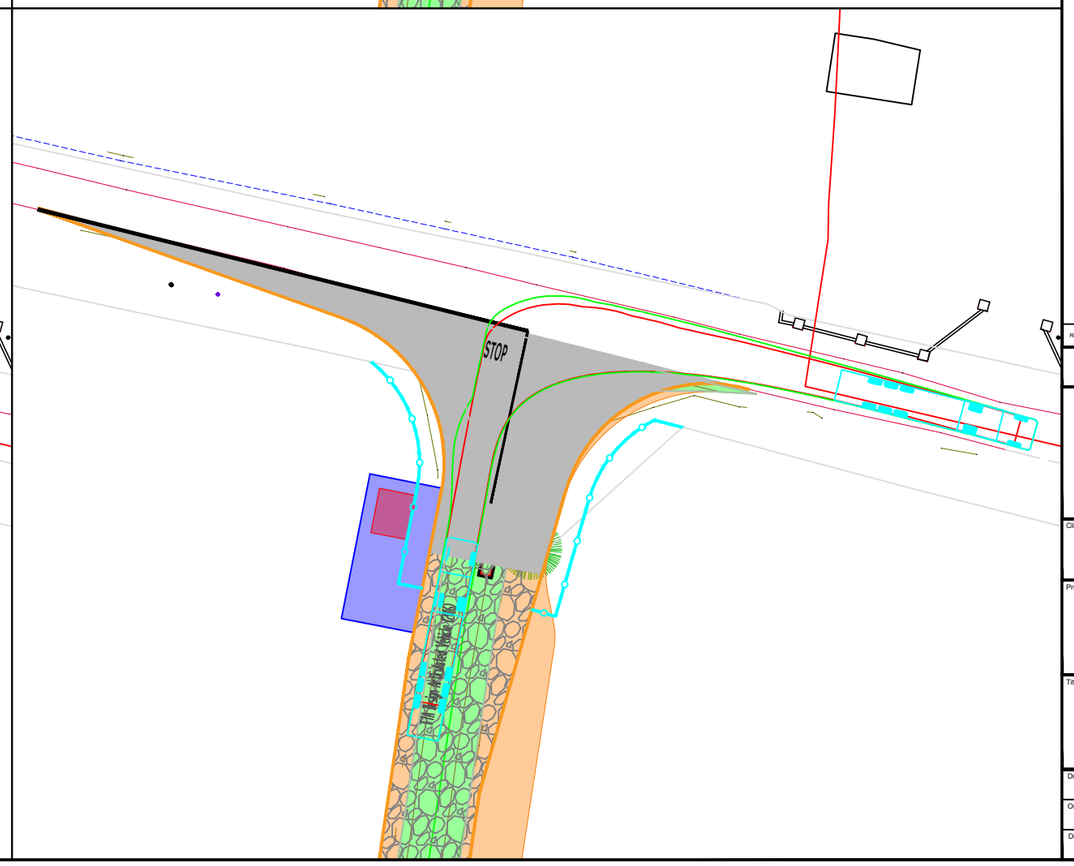
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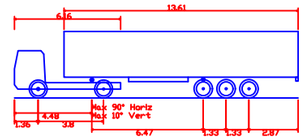

Notes:

1. Do not scale from drawing.
2. All dimensions in metres unless otherwise stated.

**Key:**

- Over-run envelope of vehicle wheels
- Over-sail envelope being swept by vehicle chassis

**Vehicle Specification:**




| FTA Design Articulated Vehicle (2016) | |
|---|---|
| Overall Length | 16.480m |
| Overall Width | 2.550m |
| Overall Body Height | 3.870m |
| Min Body Ground Clearance | 0.515m |
| Max Track Width | 2.470m |
| Lock to lock time | 3.00s |
| Kerb to Kerb Turning Radius | 6.600m |

| Rev. | Date | Revision details | Drawn | Checked | Approved |
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Site Access Jucntion Design

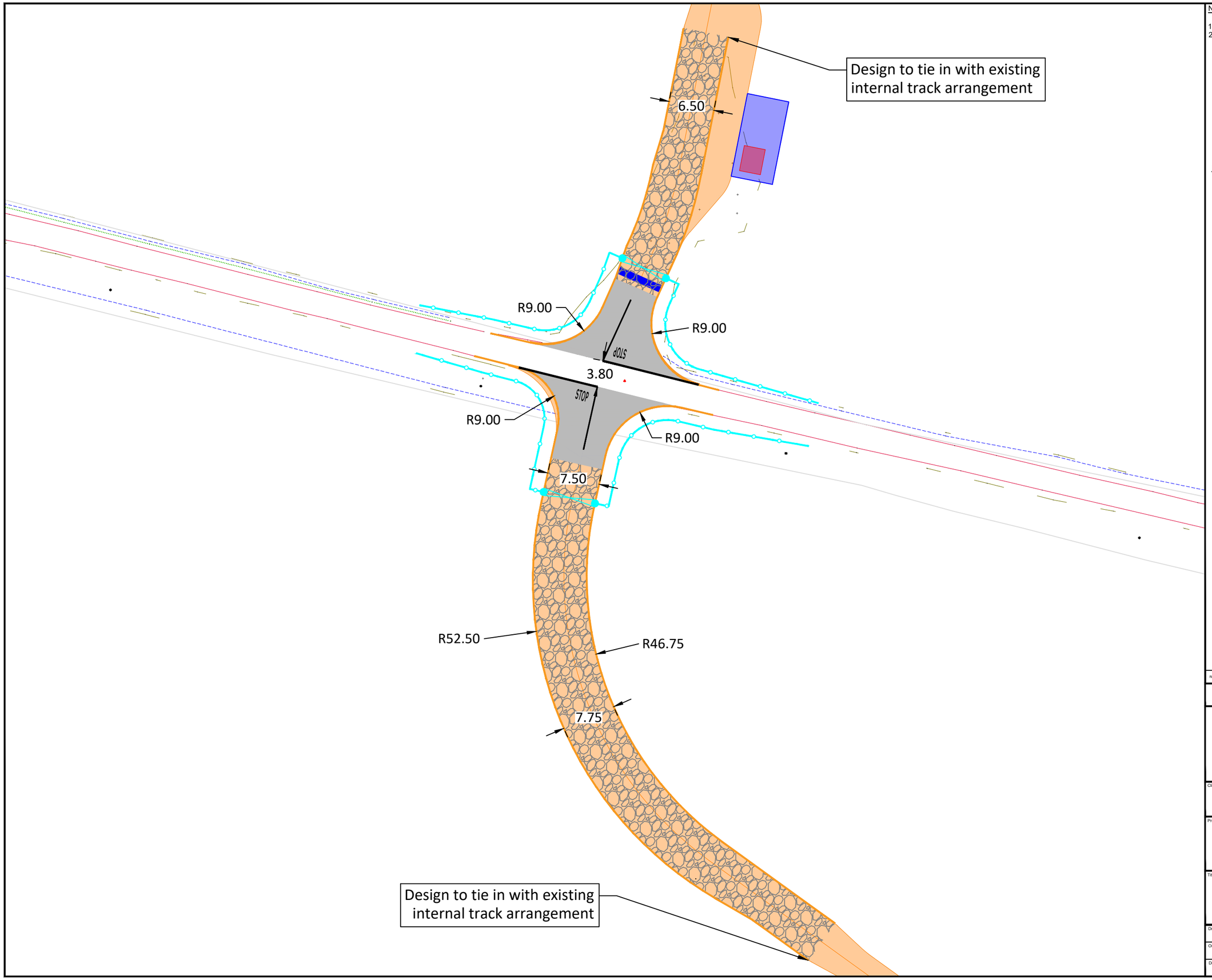
Title

Access 2
Swept Path Analysis
Maxmimum Legal Articulated Vehicle

| Drawn | Checked | Approved |
|---|---|---|
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N

**Key:**

- Full Depth Construction
- Approximate Carriageway Extents
- Proposed Kerblines
- Fenceline (Removable)
- Access Gate

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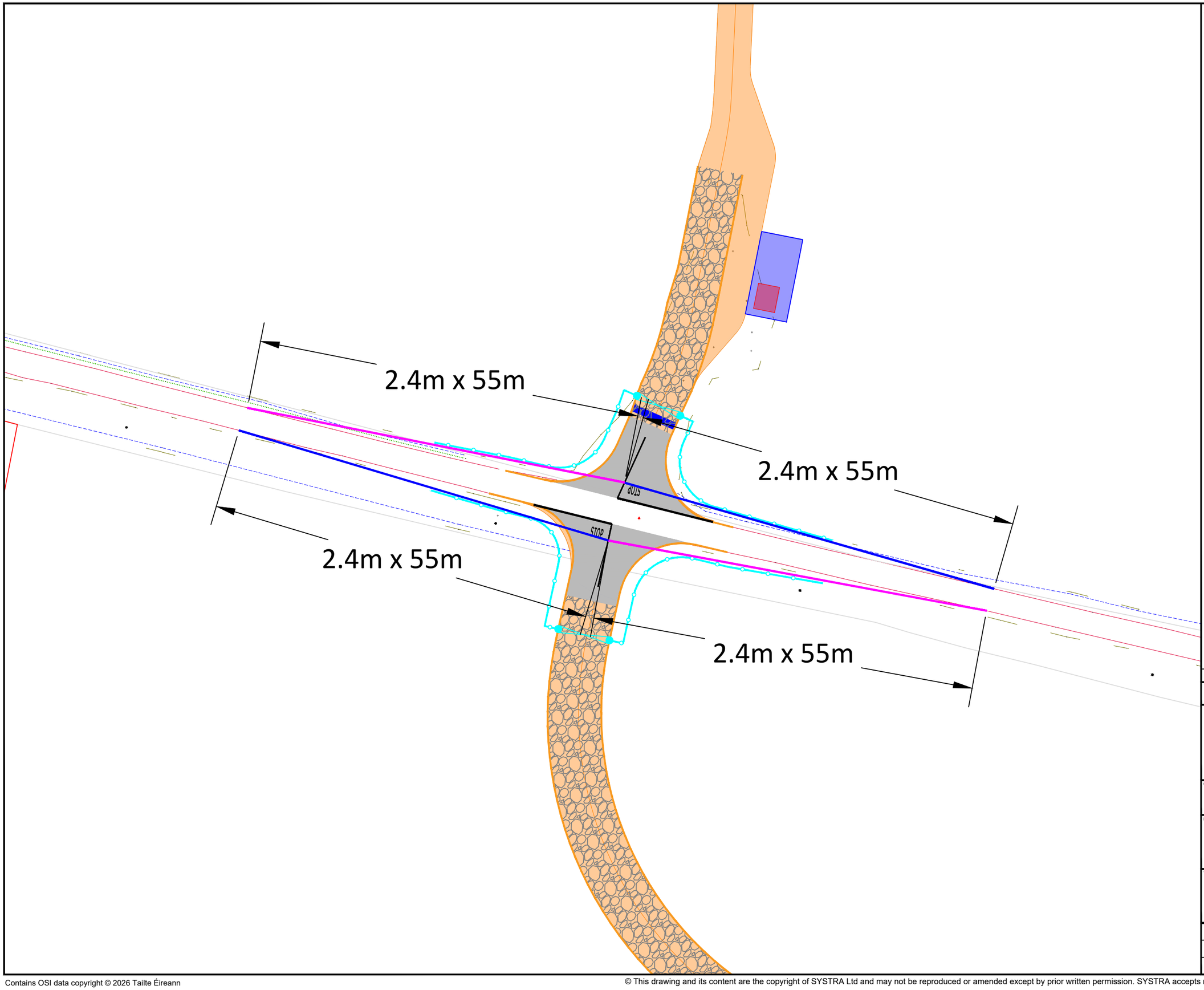
Project
Slievegrine Wind Farm
Site Access Jucntion Design

Title
Access 3
General Arrangement

| Drawn | Checked | Approved |
|---|---|---|
| TF | ADV | ADV |
| **Original drg. size** | **Date** | **Scale** |
| A3 | 18/09/2026 | 1:500 |
| **Drawing Status** | **Drawing Number** | **Rev.** |
| Information | IE01T26B10/2001/GL003 | A |

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Notes:

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2. All dimensions in metres unless otherwise stated.

**Key:**

Visibility to the Right Splay

Visibility to the Left Splay

| Rev. | Date | Revision details | Drawn | Checked | Approved |
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MKO
Enerco Energy Limited

Project
Slievegrine Wind Farm
Site Access Jucntion Design

Title
Access 3
Visibility Splays

| Drawn | Checked | Approved |
|---|---|---|
| TF | ADV | ADV |
| Original drg. size: A3 | Date: 18/09/2026 | Scale: 1:500 |
| Drawing Status: Information | Drawing Number: IE01T26B10/2001/VS003 | Rev.: A |

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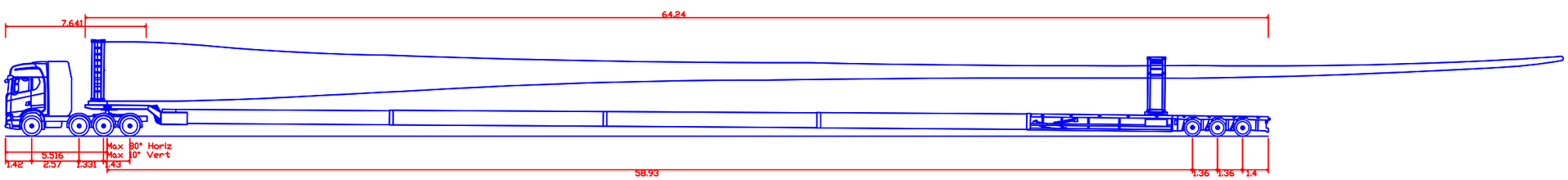
Notes:

1. Do not scale from drawing.
2. All dimensions in metres unless otherwise stated.

**Key:**

- Over-run envelope of tractor and trailer wheels
- Over-sail envelope being swept by tractor and trailer bed
- Over-sail envelope being swept by blade path

## Vehicle Specification:




| SYSTRA Nooteboom SWC - V162 | |
|---|---|
| Overall Length | 68.566m |
| Overall Width | 2.950m |
| Overall Body Height | 5.238m |
| Min Body Ground Clearance | 0.214m |
| Max Track Width | 2.520m |
| Lock to lock time | 6.00s |
| Max Wheel Angle | 45.00° |

| Rev. | Date | Revision details | Drawn | Checked | Approved |
|---|---|---|---|---|---|

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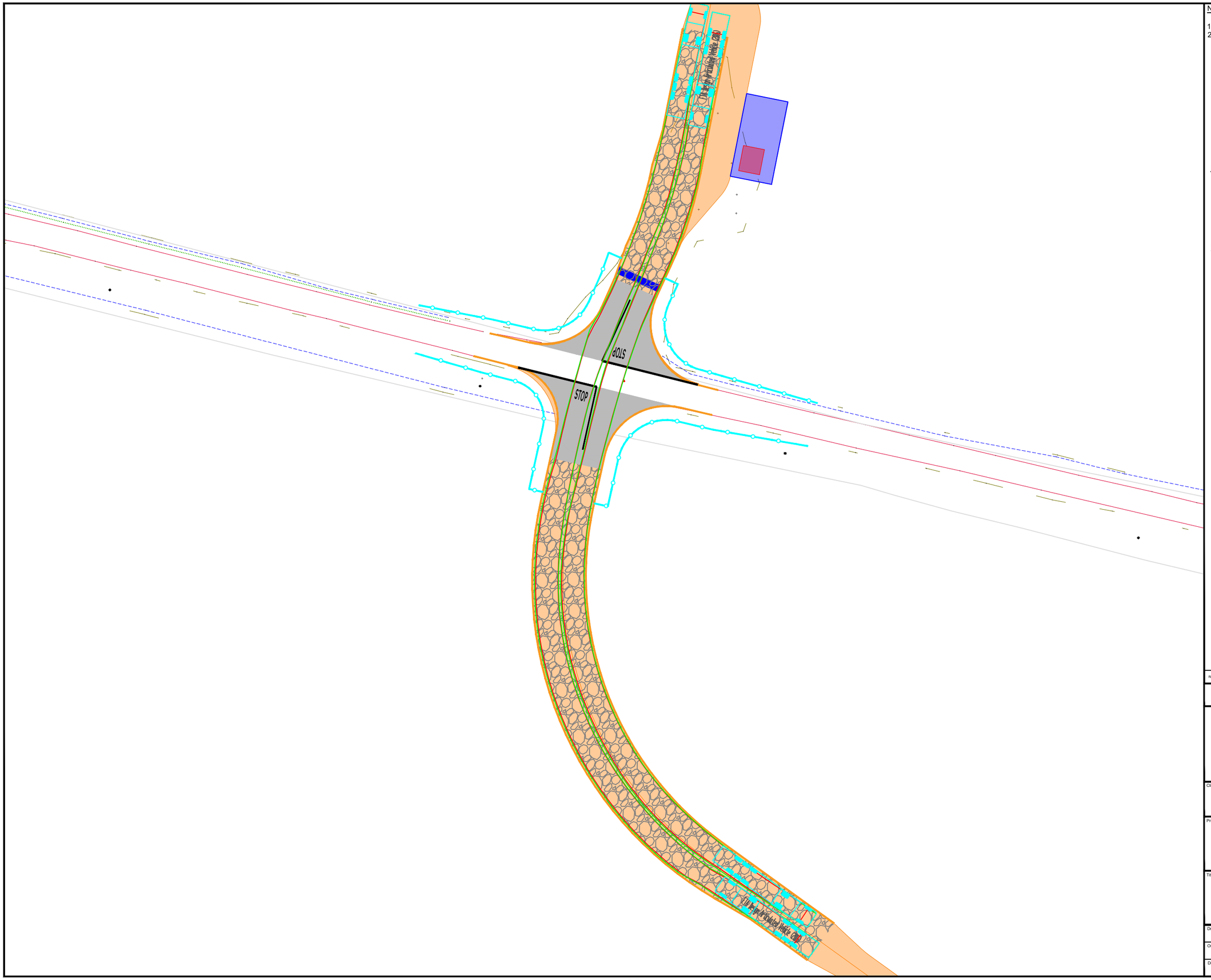
Project
Slievegrine Wind Farm
Site Access Jucntion Design

Title
Access 3
Swept Path Analysis
V162 Blade - Nooteboom Super Wing Carrier

| Drawn | Checked | Approved |
|---|---|---|
| TF | ADV | ADV |
| **Original drg. size** | **Date** | **Scale** |
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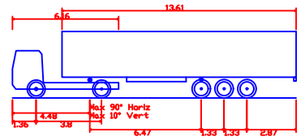
1. Do not scale from drawing.
2. All dimensions in metres unless otherwise stated.

**Key:**

Over-run envelope of vehicle wheels

Over-sail envelope being swept by vehicle chassis

**Vehicle Specification:**




FTA Design Articulated Vehicle (2016)

| | |
|---|---|
| Overall Length | 16.480m |
| Overall Width | 2.550m |
| Overall Body Height | 3.870m |
| Min Body Ground Clearance | 0.515m |
| Max Track Width | 2.470m |
| Lock to lock time | 3.00s |
| Kerb to Kerb Turning Radius | 6.600m |

| Rev. | Date | Revision details | Drawn | Checked | Approved |
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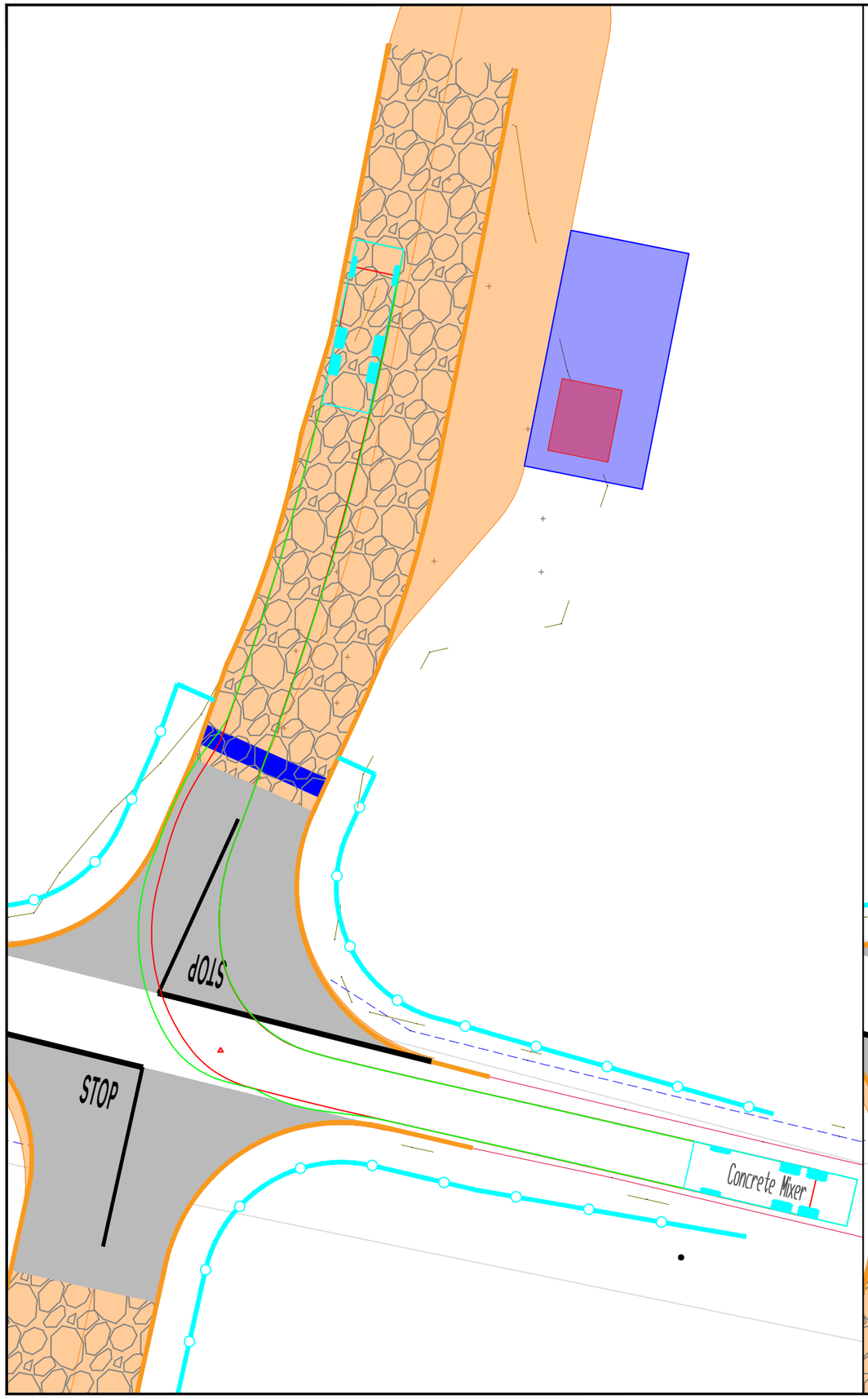
Project
Slievegrine Wind Farm
Site Access Jucntion Design

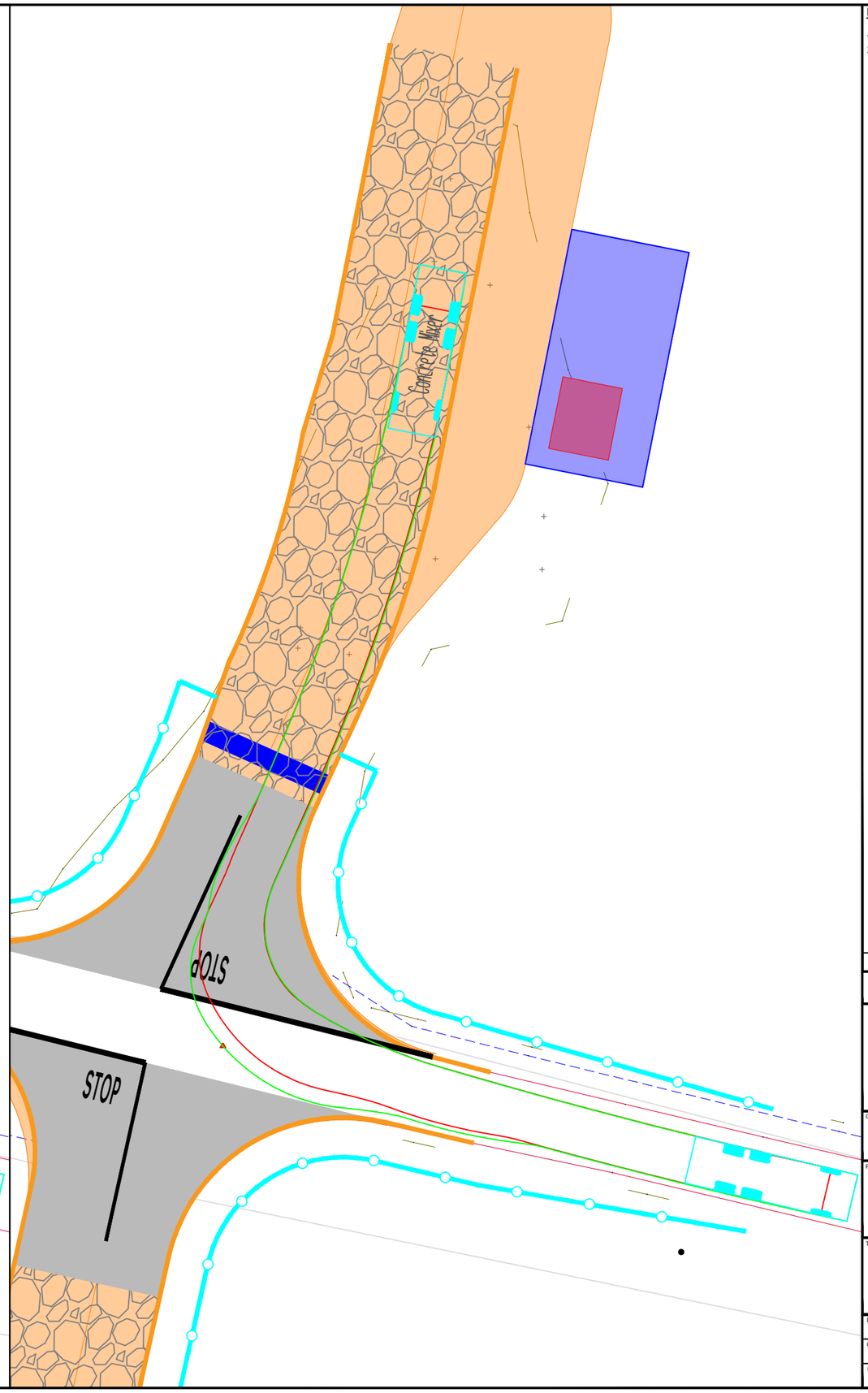
Title
Access 3
Swept Path Analysis
Maxmimum Legal Articulated Vehicle

| Drawn | Checked | Approved |
|---|---|---|
| TF | ADV | ADV |
| **Original drg. size** | **Date** | **Scale** |
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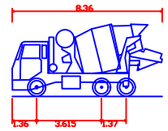
1. Do not scale from drawing.
2. All dimensions in metres unless otherwise stated.

**Key:**

Over-run envelope of vehicle wheels

Over-sail envelope being swept by vehicle chassis

**Vehicle Specification:**




| Concrete Mixer | |
|---|---|
| Overall Length | 8.360m |
| Overall Width | 2.390m |
| Overall Body Height | 4.027m |
| Min Body Ground Clearance | 0.358m |
| Max Track Width | 2.413m |
| Lock to lock time | 6.00s |
| Kerb to Kerb Turning Radius | 8.210m |

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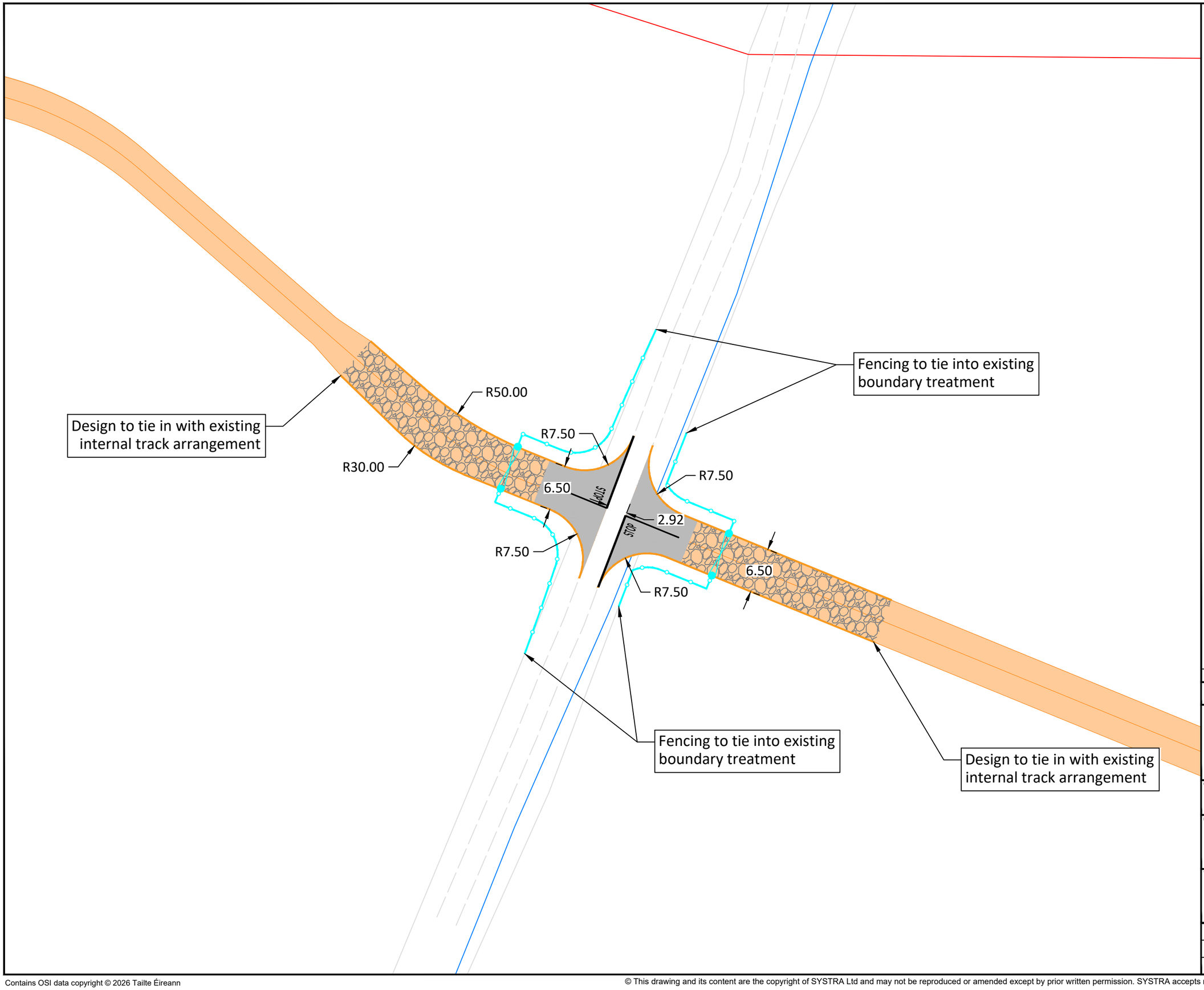
Project
Slievegrine Wind Farm
Site Access Jucntion Design

Title
Access 3
Swept Path Analysis
Concrete Mixer

| Drawn | Checked | Approved |
|---|---|---|
| TF | ADV | ADV |
| Original drg. size | Date | Scale |
| A3 | 18/09/2026 | 1:250 |
| Drawing Status | Drawing Number | Rev. |
| Information | IE01T26B10/2001/SPA006 | A |

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Notes:

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N

**Key:**

- Full Depth Construction
- Approximate Carriageway Extents
- Proposed Kerblines
- Fenceline (Removable)
- Access Gate

| Rev. | Date | Revision details | Drawn | Checked | Approved |
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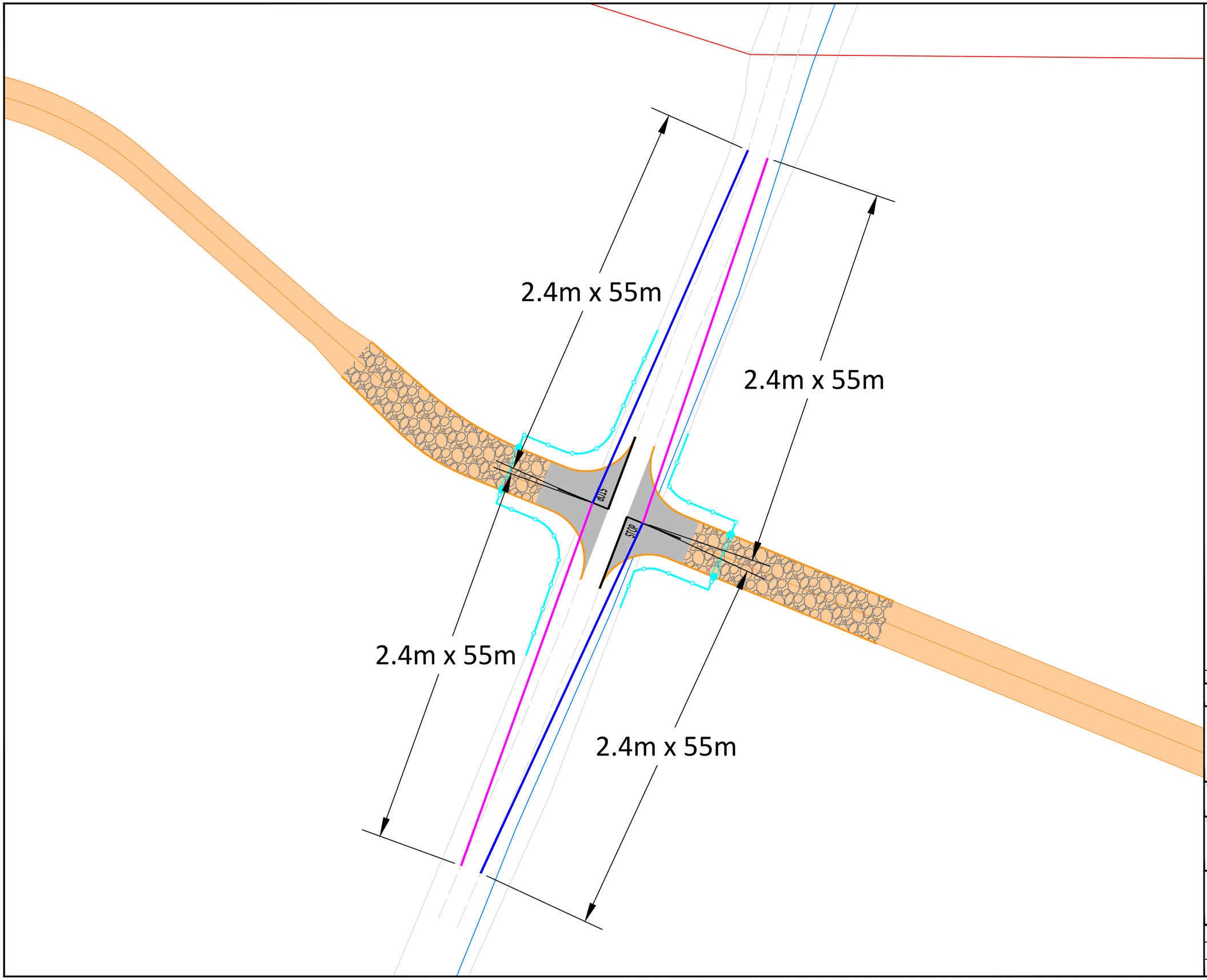
Project
Slievegrine Wind Farm
Site Access Jucntion Design

Title
Access 4
General Arrangement

| Drawn | Checked | Approved |
|---|---|---|
| TF | ADV | ADV |
| **Original drg. size** | **Date** | **Scale** |
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**Key:**

- Visibility to the Right Splay
- Visibility to the Left Splay

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Project
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Site Access Jucntion Design

Title
Access 4
Visibility Splays

| Drawn | Checked | Approved |
|---|---|---|
| TF | ADV | ADV |
| **Original drg. size** | **Date** | **Scale** |
| A3 | 18/09/2026 | 1:500 |
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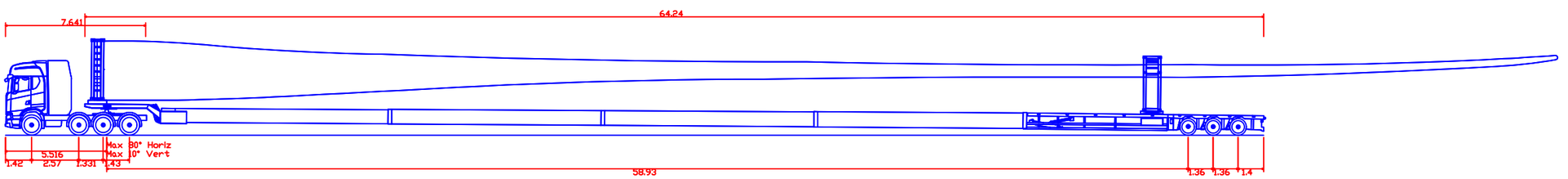
Notes:

1. Do not scale from drawing.
2. All dimensions in metres unless otherwise stated.

**Key:**

- Over-run envelope of tractor and trailer wheels
- Over-sail envelope being swept by tractor and trailer bed
- Over-sail envelope being swept by blade path

## Vehicle Specification:




SYSTRA Nooteboom SWC - V162

| | |
|---|---|
| Overall Length | 68.566m |
| Overall Width | 2.950m |
| Overall Body Height | 5.238m |
| Min Body Ground Clearance | 0.214m |
| Max Track Width | 2.520m |
| Lock to lock time | 6.00s |
| Max Wheel Angle | 45.00° |

| Rev. | Date | Revision details | Drawn | Checked | Approved |
|---|---|---|---|---|---|

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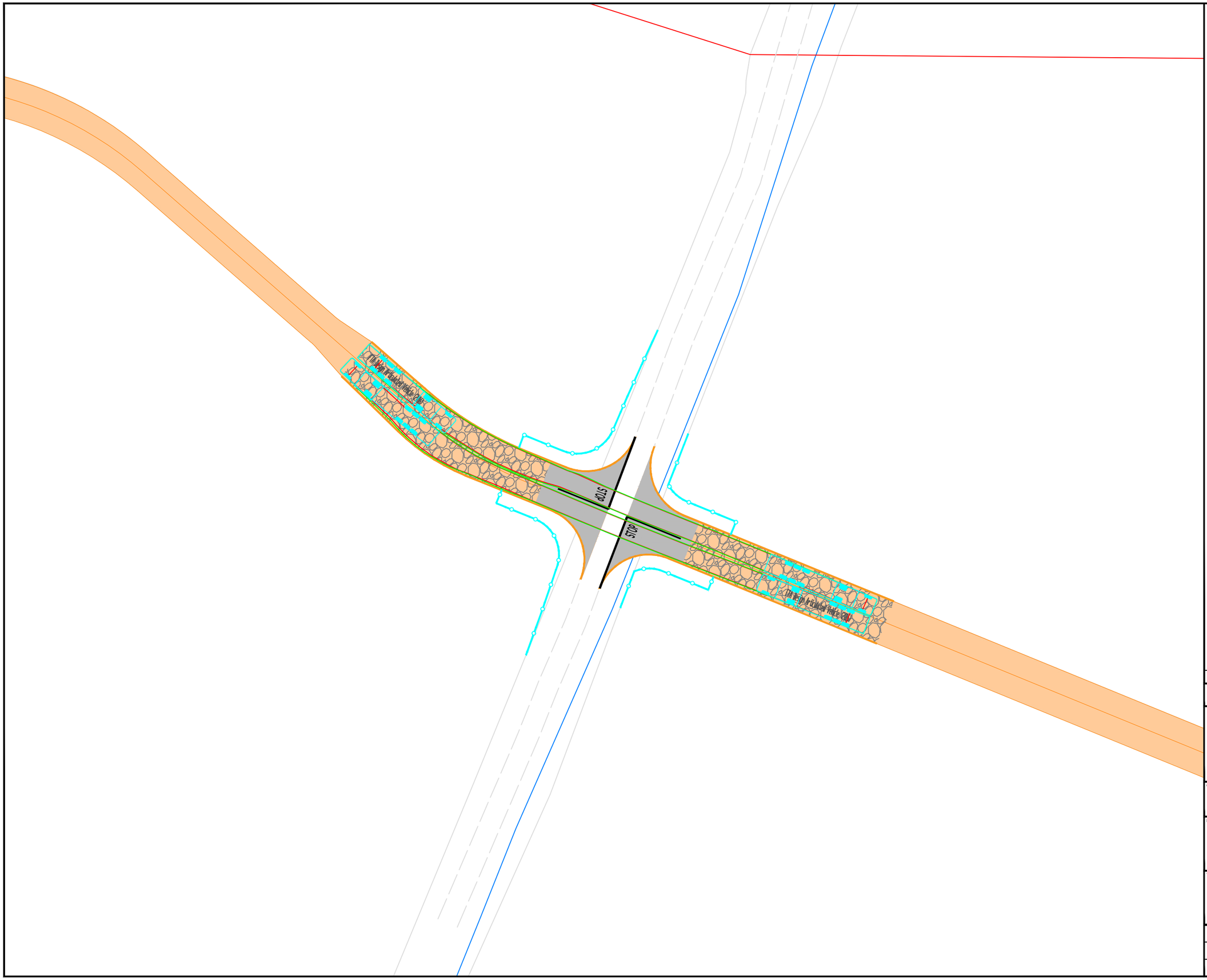
Project
Slievegrine Wind Farm
Site Access Jucntion Design

Title
Access 4
Swept Path Analysis
V162 Blade - Nooteboom Super Wing Carrier

| Drawn | Checked | Approved |
|---|---|---|
| TF | ADV | ADV |
| **Original drg. size** | **Date** | **Scale** |
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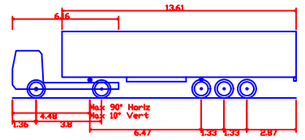
1. Do not scale from drawing.
2. All dimensions in metres unless otherwise stated.

**Key:**

Over-run envelope of vehicle wheels

Over-sail envelope being swept by vehicle chassis

**Vehicle Specification:**




FTA Design Articulated Vehicle (2016)

| | |
|---|---|
| Overall Length | 16.480m |
| Overall Width | 2.550m |
| Overall Body Height | 3.870m |
| Min Body Ground Clearance | 0.515m |
| Max Track Width | 2.470m |
| Lock to lock time | 3.00s |
| Kerb to Kerb Turning Radius | 6.600m |

| Rev. | Date | Revision details | Drawn | Checked | Approved |
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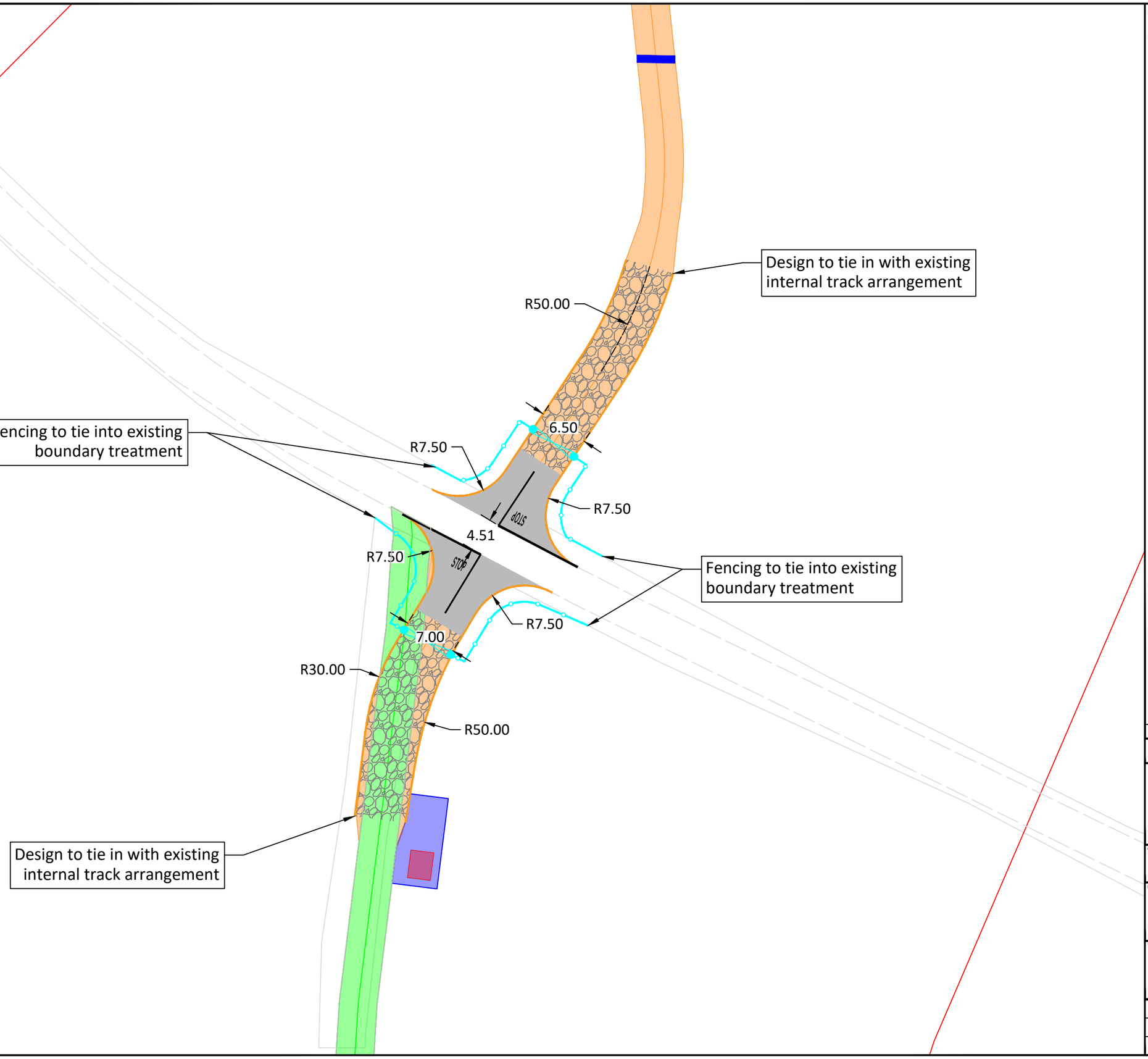
Project
Slievegrine Wind Farm
Site Access Jucntion Design

Title
Access 4
Swept Path Analysis
Maxmimum Legal Articulated Vehicle

| Drawn | Checked | Approved |
|---|---|---|
| TF | ADV | ADV |
| **Original drg. size** | **Date** | **Scale** |
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Notes:

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**Key:**

- Full Depth Construction
- Approximate Carriageway Extents
- Proposed Kerblines
- Fenceline (Removable)
- Access Gate

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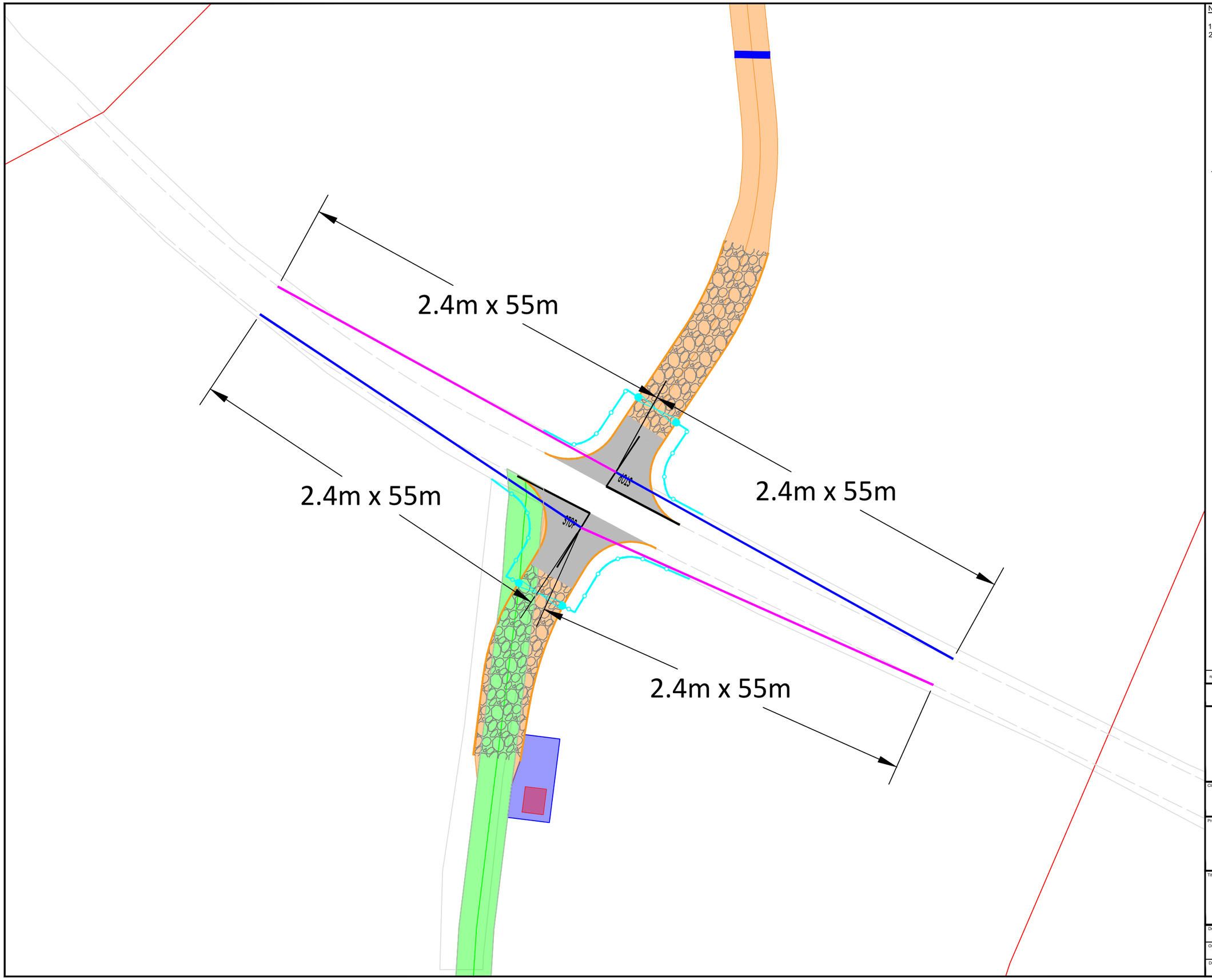
Project
Slievegrine Wind Farm
Site Access Jucntion Design

Title
Access 5
General Arrangement

| Drawn | Checked | Approved |
|---|---|---|
| TF | ADV | ADV |
| **Original drg. size** | **Date** | **Scale** |
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**Key:**

Visibility to the Right Splay

Visibility to the Left Splay

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Project
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Site Access Jucntion Design

Title
Access 5
Visibility Splays

| Drawn | Checked | Approved |
|---|---|---|
| TF | ADV | ADV |
| **Original drg. size** | **Date** | **Scale** |
| A3 | 18/09/2026 | 1:500 |
| **Drawing Status** | **Drawing Number** | **Rev.** |
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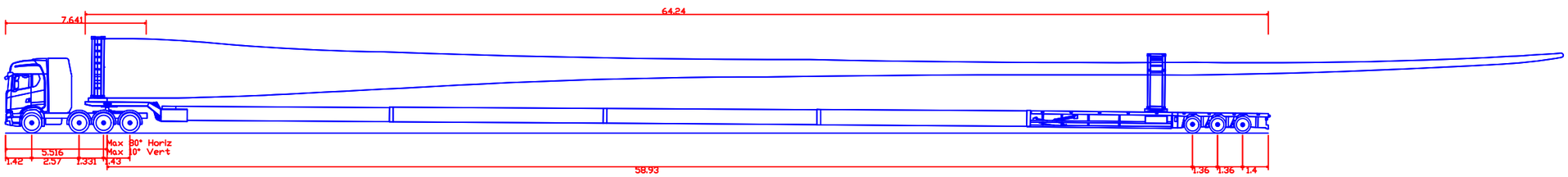
Notes:

1. Do not scale from drawing.
2. All dimensions in metres unless otherwise stated.

**Key:**

- Over-run envelope of tractor and trailer wheels
- Over-sail envelope being swept by tractor and trailer bed
- Over-sail envelope being swept by blade path

## Vehicle Specification:




| SYSTRA Nooteboom SWC - V162 | |
|---|---|
| Overall Length | 68.566m |
| Overall Width | 2.950m |
| Overall Body Height | 5.238m |
| Min Body Ground Clearance | 0.214m |
| Max Track Width | 2.520m |
| Lock to lock time | 6.00s |
| Max Wheel Angle | 45.00° |

| Rev. | Date | Revision details | Drawn | Checked | Approved |
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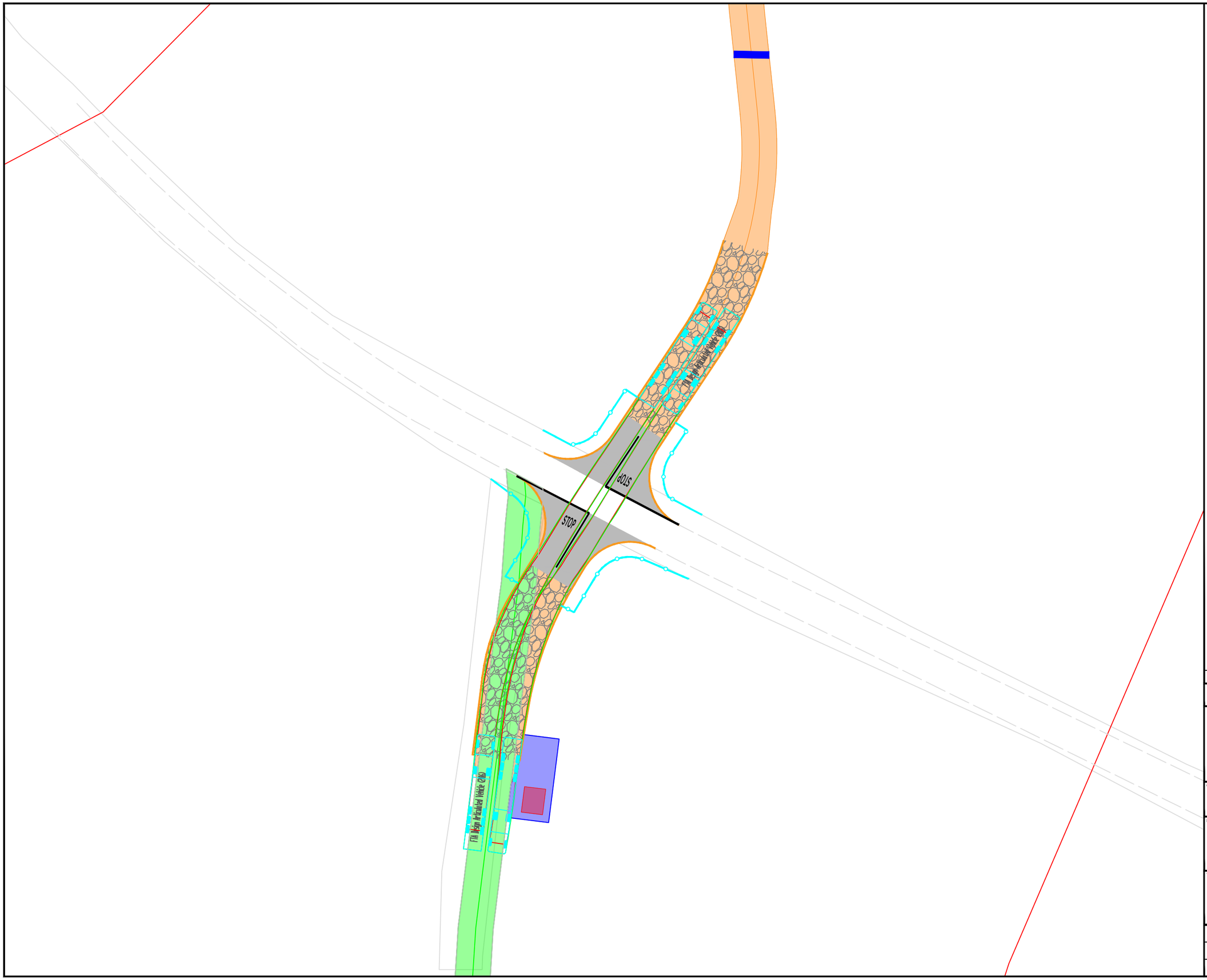
Project
Slievegrine Wind Farm
Site Access Jucntion Design

Title
Access 5
Swept Path Analysis
V162 Blade - Nooteboom Super Wing Carrier

| Drawn | Checked | Approved |
|---|---|---|
| TF | ADV | ADV |
| **Original drg. size** | **Date** | **Scale** |
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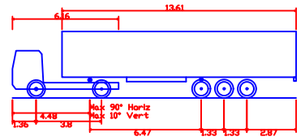
1. Do not scale from drawing.
2. All dimensions in metres unless otherwise stated.

**Key:**

Over-run envelope of vehicle wheels

Over-sail envelope being swept by vehicle chassis

**Vehicle Specification:**




FTA Design Articulated Vehicle (2016)

| | |
|---|---|
| Overall Length | 16.480m |
| Overall Width | 2.550m |
| Overall Body Height | 3.870m |
| Min Body Ground Clearance | 0.515m |
| Max Track Width | 2.470m |
| Lock to lock time | 3.00s |
| Kerb to Kerb Turning Radius | 6.600m |

| Rev. | Date | Revision details | Drawn | Checked | Approved |
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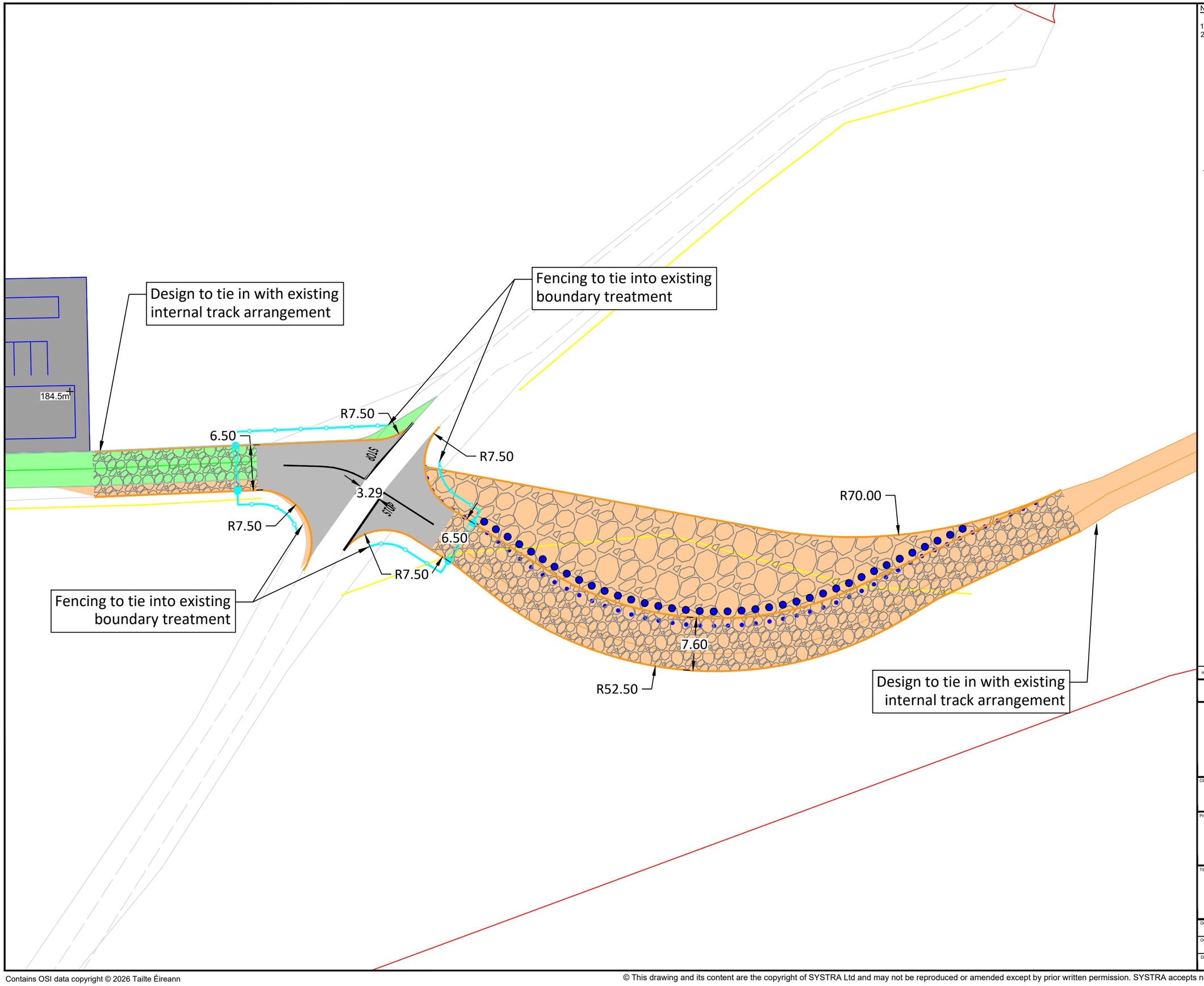
Project
Slievegrine Wind Farm
Site Access Jucntion Design

Title
Access 5
Swept Path Analysis
Maxmimum Legal Articulated Vehicle

| Drawn | Checked | Approved |
|---|---|---|
| TF | ADV | ADV |
| **Original drg. size** | **Date** | **Scale** |
| A3 | 18/09/2026 | 1:500 |
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Notes:

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**Key:**

- Type 1 Crushed Rock Fill
- Full Depth Construction
- Approximate Carriageway Extents
- Proposed Kerblines
- Fenceline (Removable)
- Access Gate
- Removable Bollards

| Rev. | Date | Revision details | Drawn | Checked | Approved |
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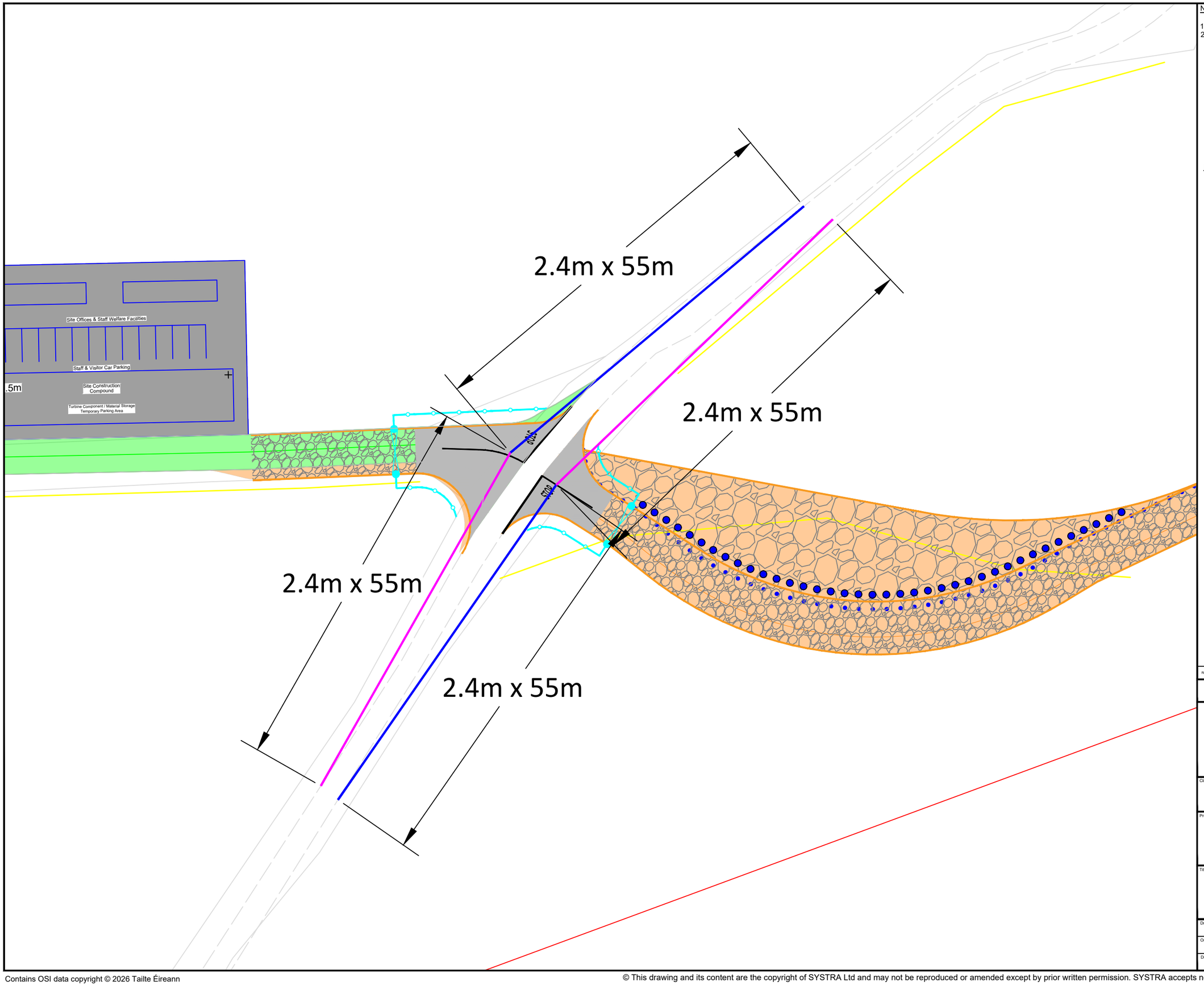
Project
Slievegrine Wind Farm
Site Access Jucntion Design

Title
Access 6
General Arrangement

| Drawn | Checked | Approved |
|---|---|---|
| TF | ADV | ADV |
| **Original drg. size** | **Date** | **Scale** |
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**Key:**

- Visibility to the Right Splay
- Visibility to the Left Splay

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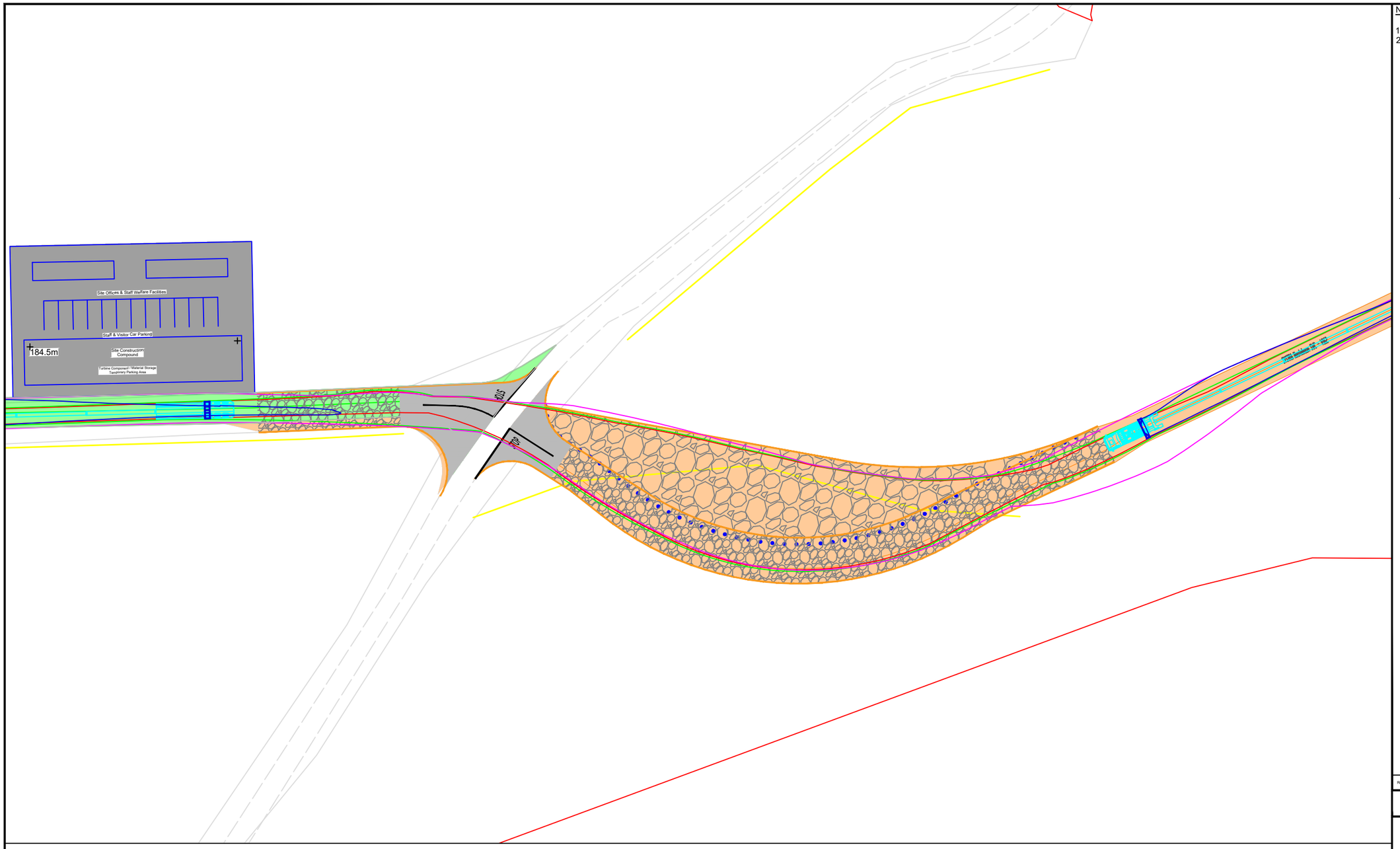
Project
Slievegrine Wind Farm
Site Access Jucntion Design

Title
Access 6
Visibility Splays

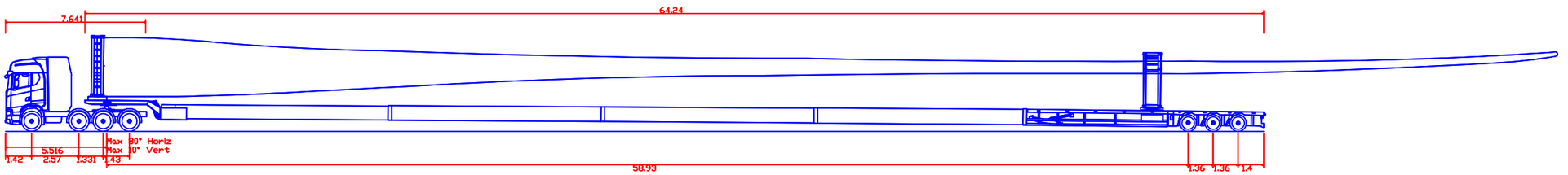
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|---|---|---|
| TF | ADV | ADV |
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## Vehicle Specification:




| SYSTRA Nooteboom SWC - V162 | |
|---|---|
| Overall Length | 68.566m |
| Overall Width | 2.950m |
| Overall Body Height | 5.238m |
| Min Body Ground Clearance | 0.214m |
| Max Track Width | 2.520m |
| Lock to lock time | 6.00s |
| Max Wheel Angle | 45.00° |

Notes:

1. Do not scale from drawing.
2. All dimensions in metres unless otherwise stated.

**Key:**

- Over-run envelope of tractor and trailer wheels
- Over-sail envelope being swept by tractor and trailer bed
- Over-sail envelope being swept by blade path

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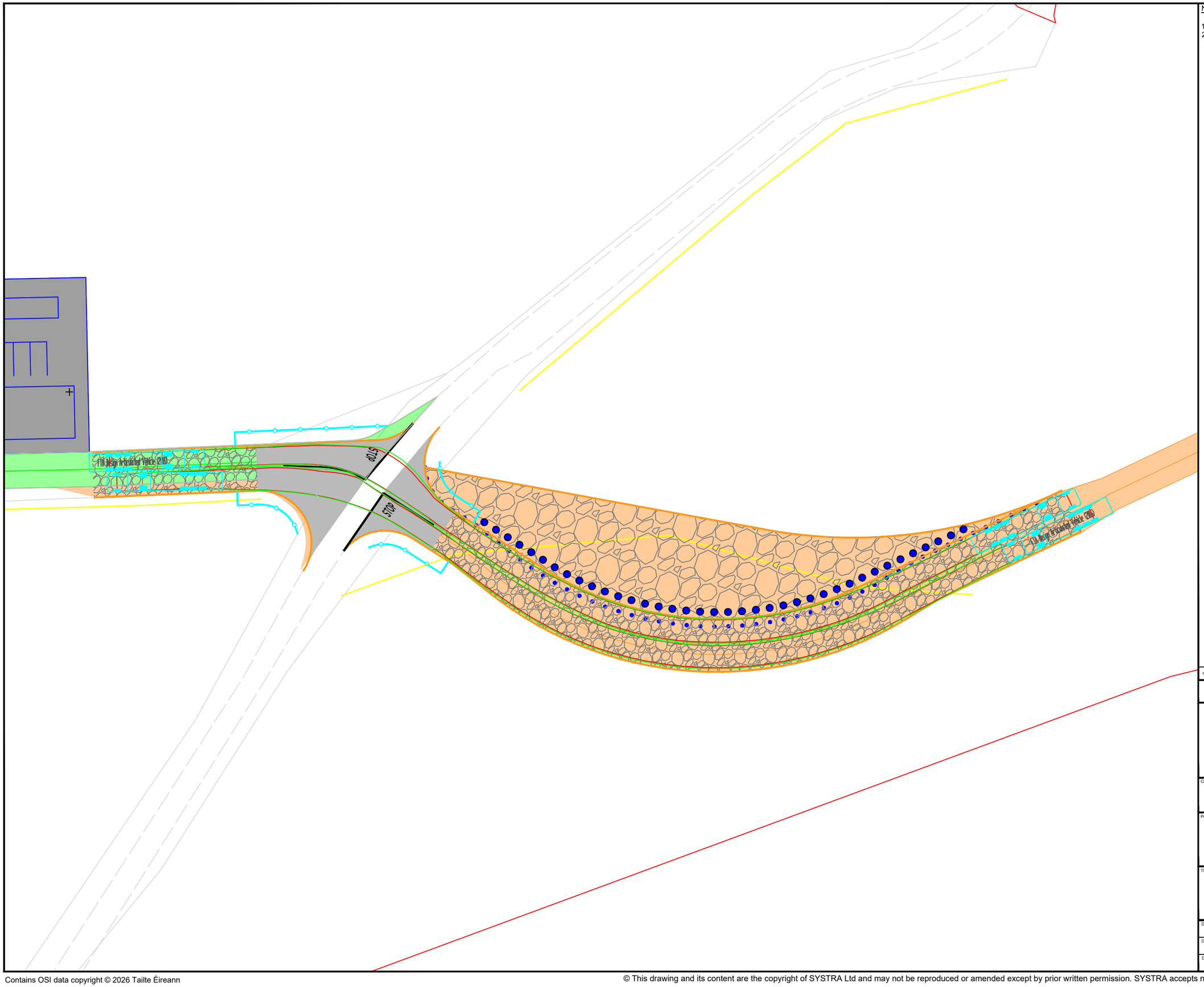
Project
Slievegrine Wind Farm
Site Access Jucntion Design

Title
Access 6
Swept Path Analysis
V162 Blade - Nooteboom Super Wing Carrier

| Drawn | Checked | Approved |
|---|---|---|
| TF | ADV | ADV |
| **Original drg. size** | **Date** | **Scale** |
| A3 | 18/09/2026 | 1.492169 |
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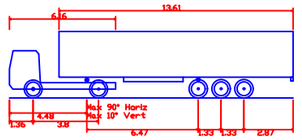
1. Do not scale from drawing.
2. All dimensions in metres unless otherwise stated.

**Key:**

Over-run envelope of vehicle wheels

Over-sail envelope being swept by vehicle chassis

**Vehicle Specification:**




| FTA Design Articulated Vehicle (2016) | |
|---|---|
| Overall Length | 16.480m |
| Overall Width | 2.550m |
| Overall Body Height | 3.870m |
| Min Body Ground Clearance | 0.515m |
| Max Track Width | 2.470m |
| Lock to lock time | 3.00s |
| Kerb to Kerb Turning Radius | 6.600m |

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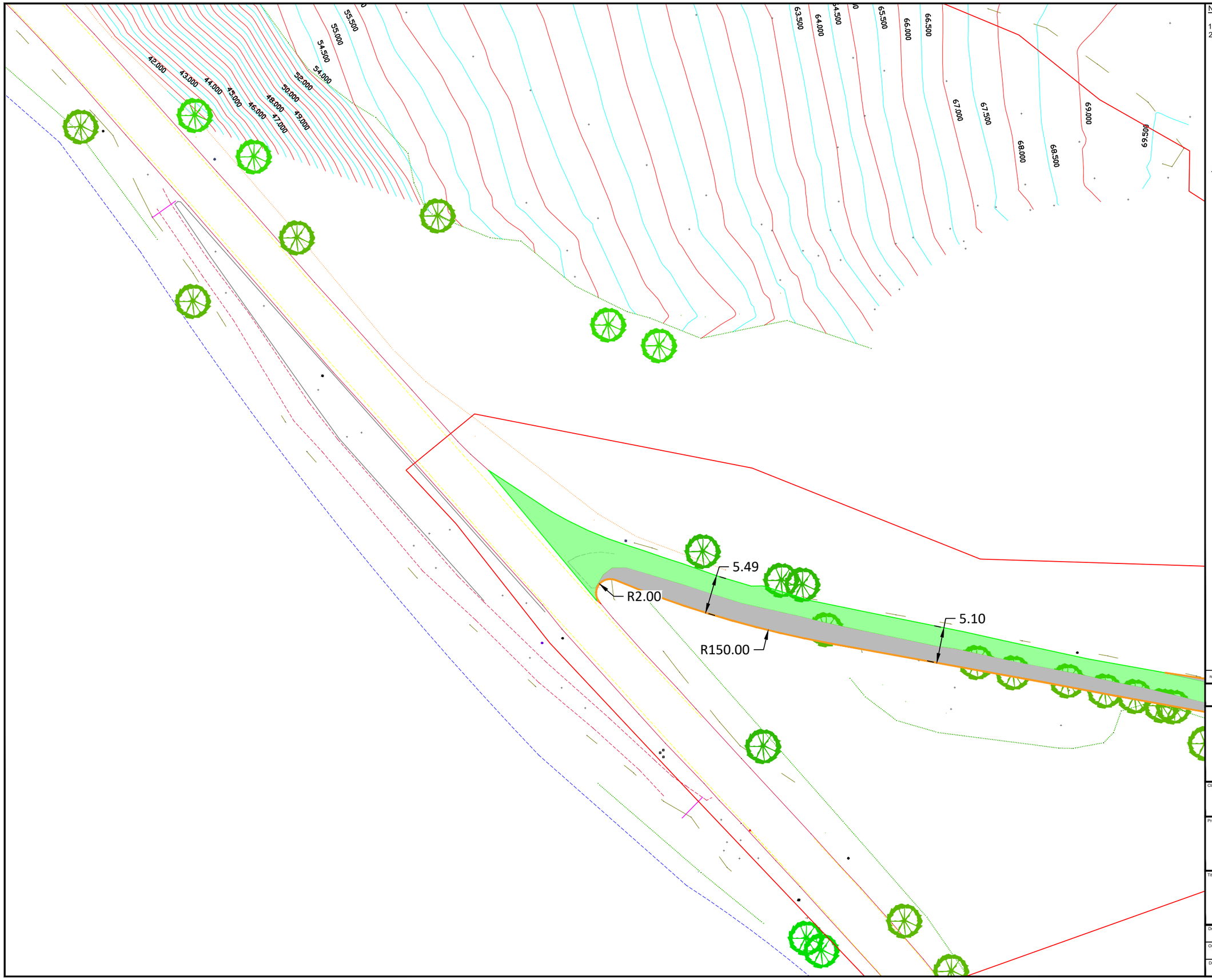
Project
Slievegrine Wind Farm
Site Access Jucntion Design

Title
Access 6
Swept Path Analysis
Maxmimum Legal Articulated Vehicle

| Drawn | Checked | Approved |
|---|---|---|
| TF | ADV | ADV |
| **Original drg. size** | **Date** | **Scale** |
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Notes:

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N

**Key:**

Full Depth Construction

Proposed Kerblines

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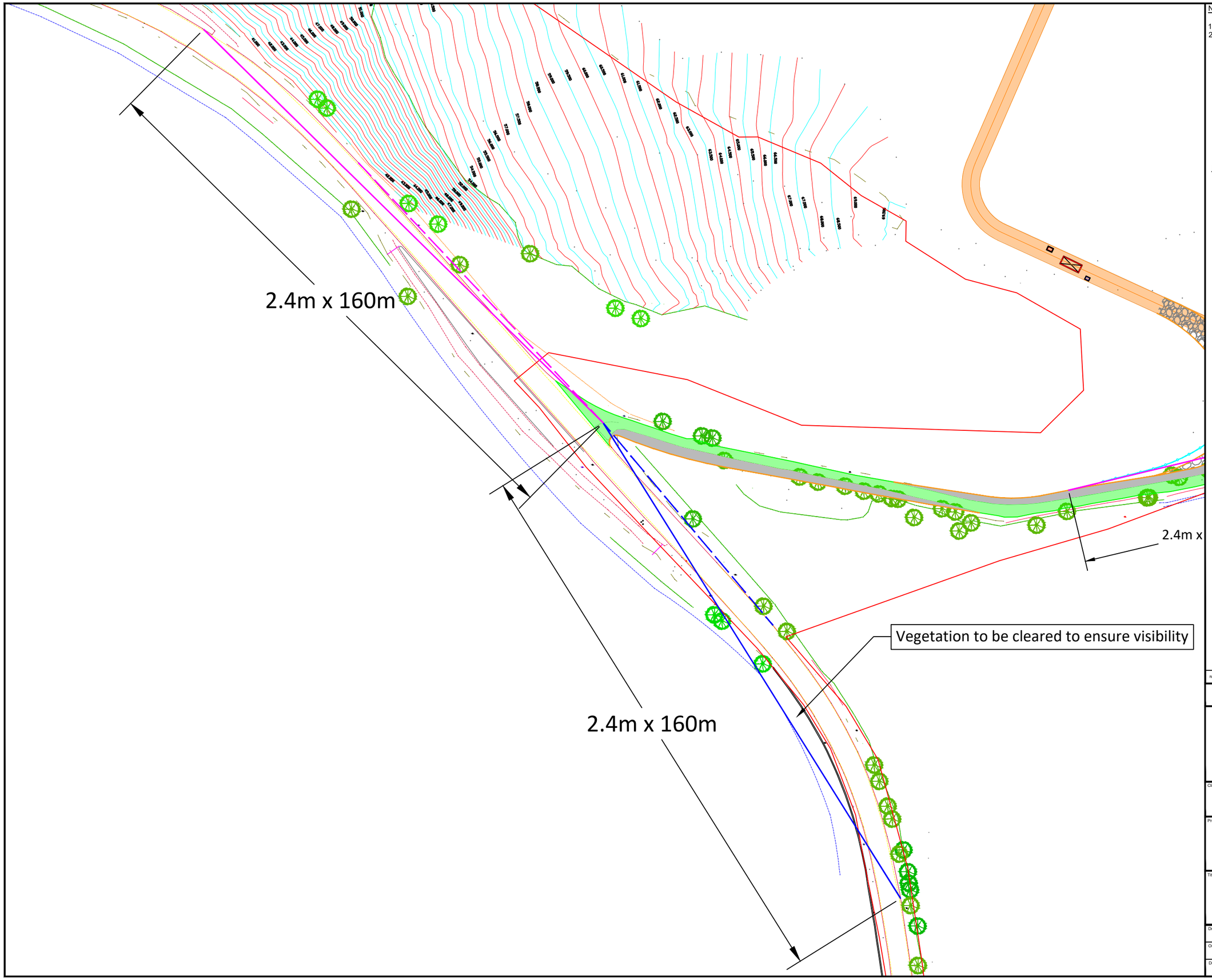
Project
Slievegrine Wind Farm
Site Access Jucntion Design

Title
Access 7 - Substation Access (Permanent)
General Arrangement

| Drawn | Checked | Approved |
|---|---|---|
| TF | ADV | ADV |
| **Original drg. size** | **Date** | **Scale** |
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**Key:**

- Visibility to the Right Splay
- Visibility to the Right Splay Tangent to Carriageway
- Visibility to the Left Splay
- Visibility to the Left Splay Tangent to Carriageway

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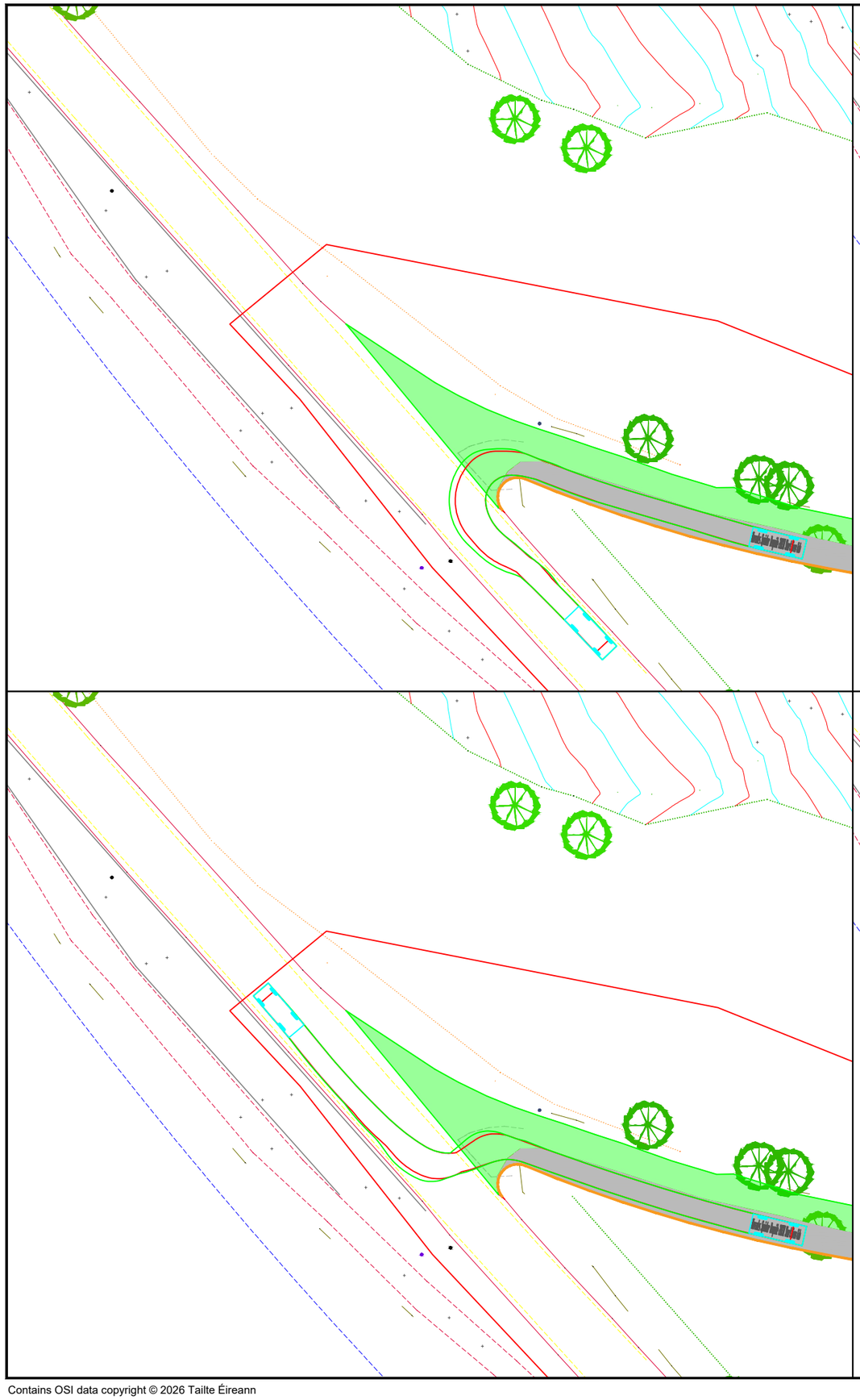
Project
Slievegrine Wind Farm
Site Access Jucntion Design

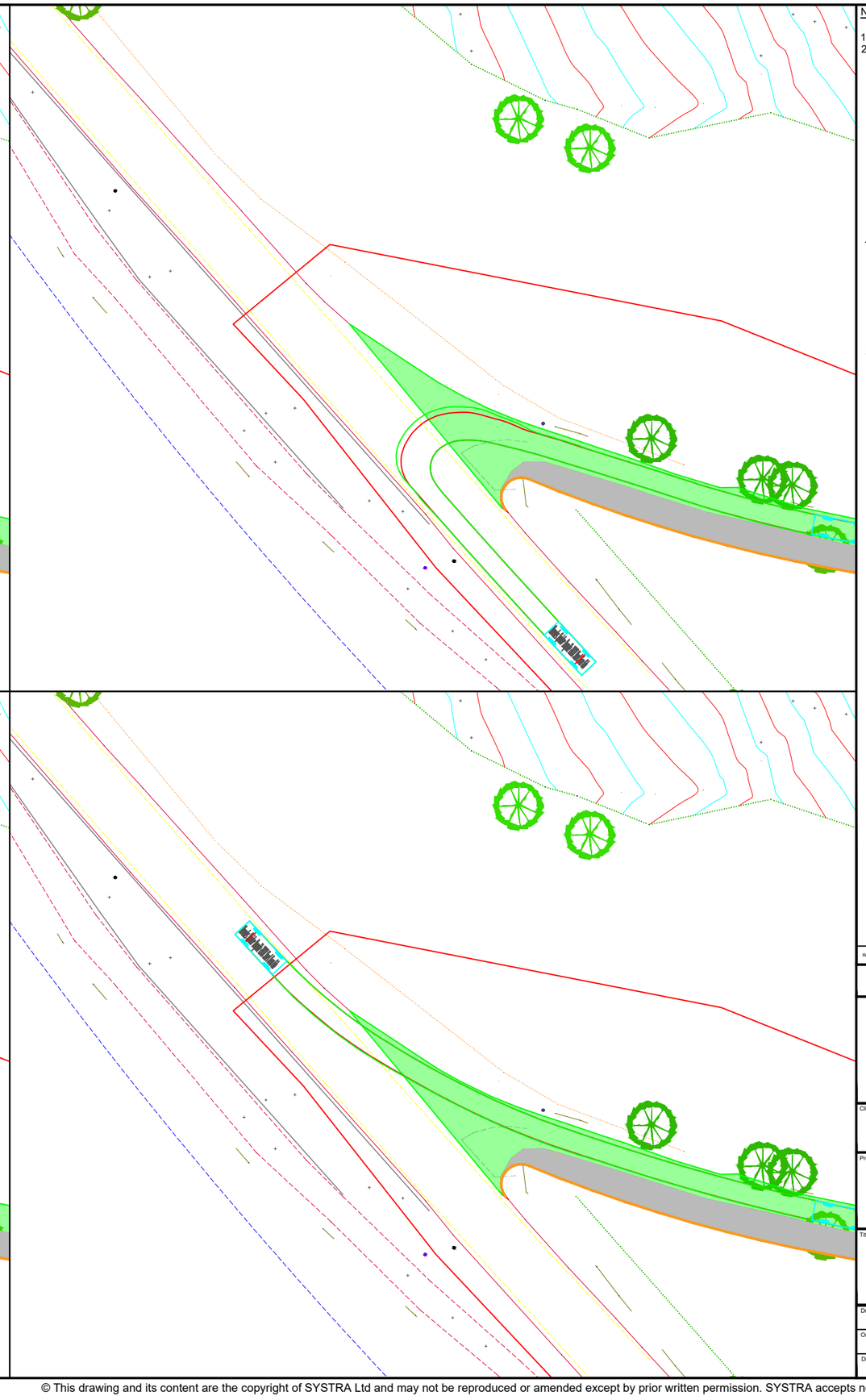
Title
Access 7 - Substation Access (Permanent)
Visibility Splays

| Drawn | Checked | Approved |
|---|---|---|
| TF | ADV | ADV |
| **Original drg. size** | **Date** | **Scale** |
| A3 | 18/09/2026 | 1:1000 |
| **Drawing Status** | **Drawing Number** | **Rev.** |
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Notes:

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**Key:**

Over-run envelope of vehicle wheels

Over-sail envelope being swept by vehicle chassis

**Vehicle Specification:**



Mercedes Sprinter Dropside 211CDI Short Crew Cab

| | |
|---|---|
| Overall Length | 5.930m |
| Overall Width | 1.993m |
| Overall Body Height | 2.365m |
| Min Body Ground Clearance | 0.400m |
| Track Width | 1.990m |
| Lock to lock time | 5.00s |
| Wall to Wall Turning Radius | 6.150m |

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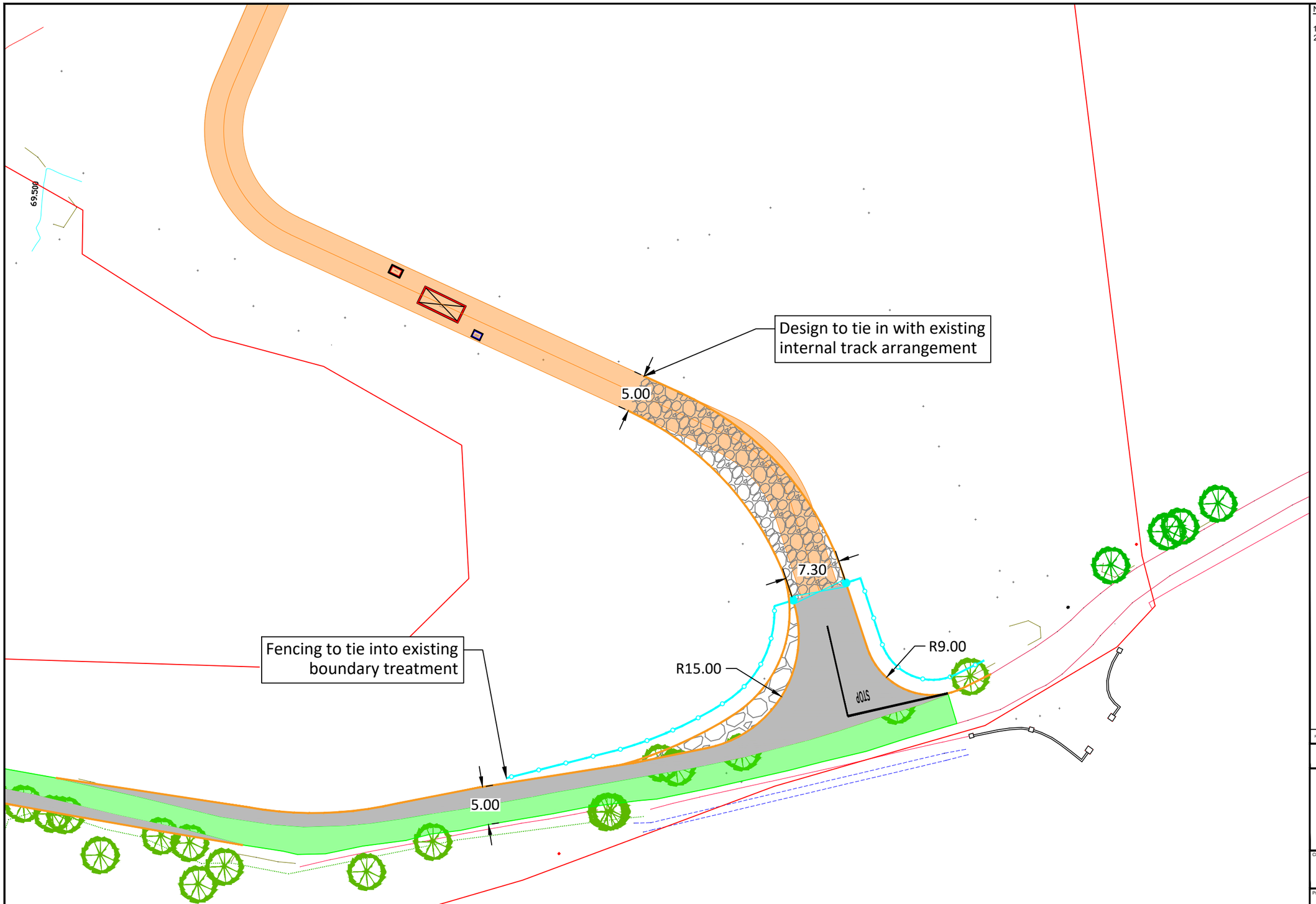
Project
Slievegrine Wind Farm
Site Access Jucntion Design

Title
Access 7 - Substation Access (Permanent)
Swept Path Analysis
Large Van

| Drawn | Checked | Approved |
|---|---|---|
| TF | ADV | ADV |
| **Original drg. size** | **Date** | **Scale** |
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Notes:

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N

**Key:**

- Type 1 Crushed Rock Fill
- Full Depth Construction
- Proposed Kerblines
- Fenceline (Removable)
- Access Gate

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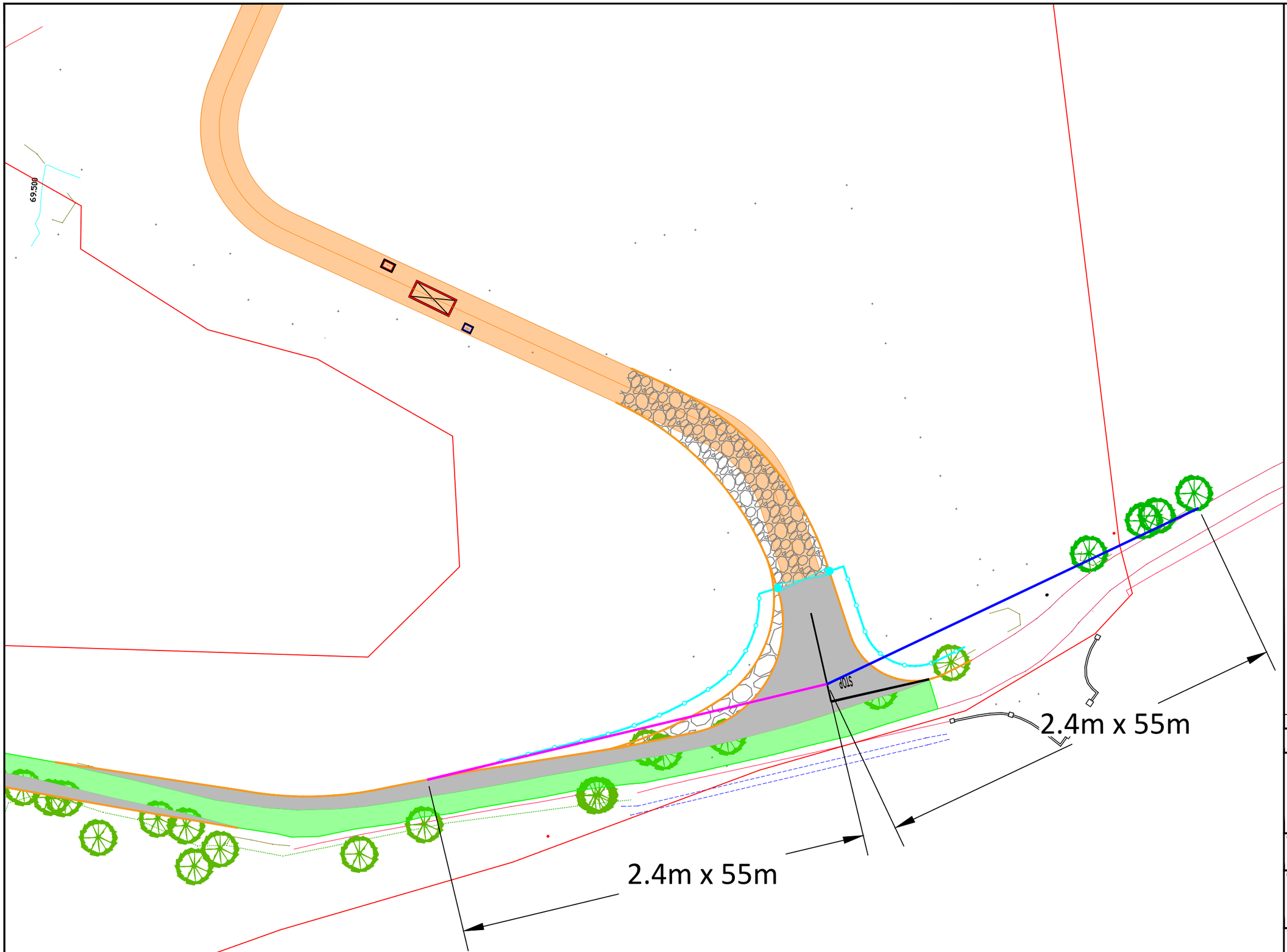
Project
Slievegrine Wind Farm
Site Access Jucntion Design

Title
Access 8 - Substation Access
General Arrangement

| Drawn | Checked | Approved |
|---|---|---|
| TF | ADV | ADV |
| **Original drg. size** | **Date** | **Scale** |
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**Key:**

Visibility to the Right Splay

Visibility to the Left Splay

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Site Access Jucntion Design

Title
Access 8 - Substation Access
Visibility Splays

| Drawn | Checked | Approved |
|---|---|---|
| TF | ADV | ADV |
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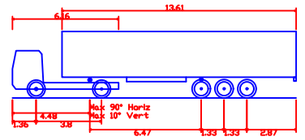
1. Do not scale from drawing.
2. All dimensions in metres unless otherwise stated.

**Key:**

Over-run envelope of vehicle wheels

Over-sail envelope being swept by vehicle chassis

**Vehicle Specification:**




| FTA Design Articulated Vehicle (2016) | |
|---|---|
| Overall Length | 16.480m |
| Overall Width | 2.550m |
| Overall Body Height | 3.870m |
| Min Body Ground Clearance | 0.515m |
| Max Track Width | 2.470m |
| Lock to lock time | 3.00s |
| Kerb to Kerb Turning Radius | 6.600m |

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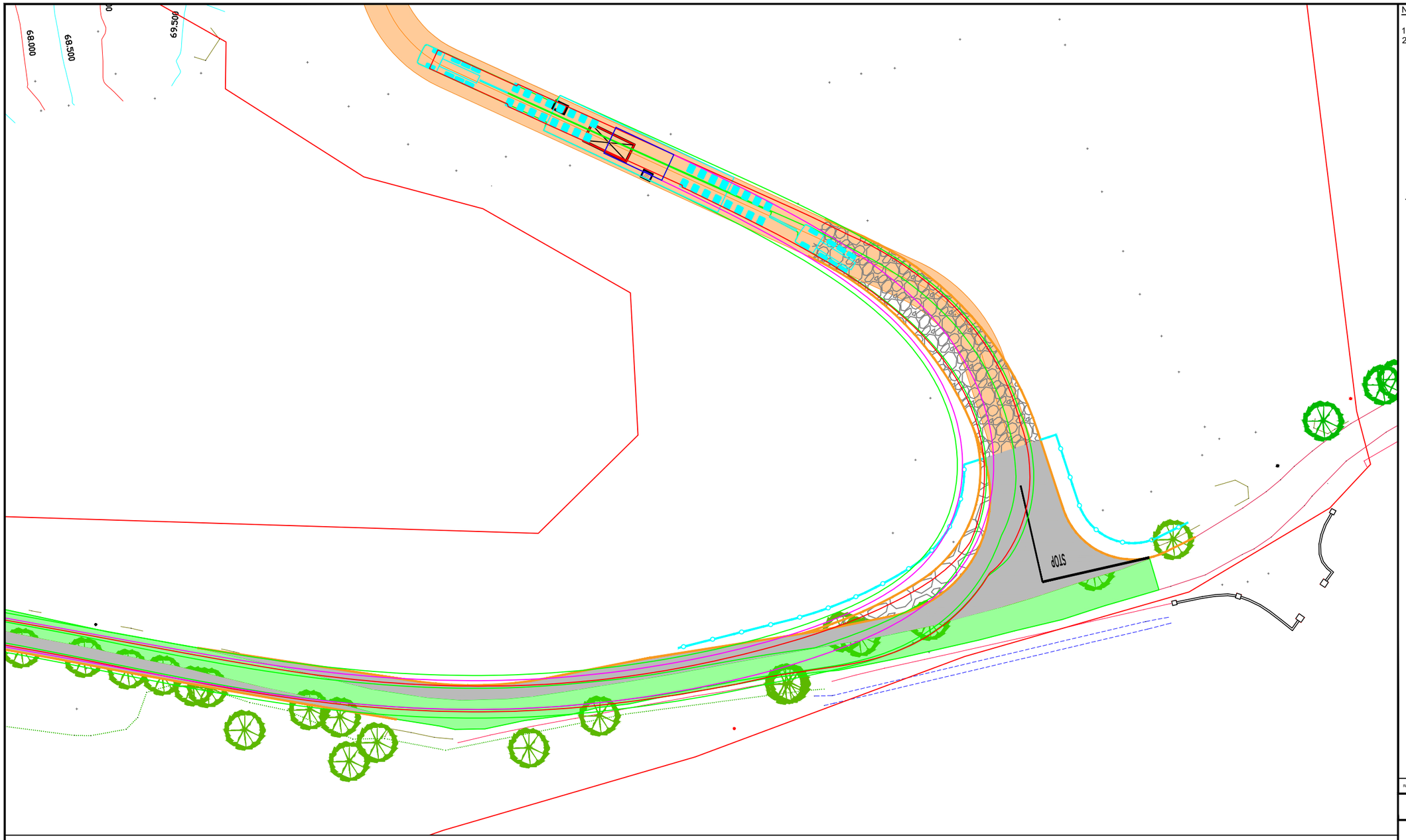
Project
Slievegrine Wind Farm
Site Access Jucntion Design

Title
Access 8 - Substation Access
Swept Path Analysis
Maxmimum Legal Articulated Vehicle

| Drawn | Checked | Approved |
|---|---|---|
| TF | ADV | ADV |
| Original drg. size | Date | Scale |
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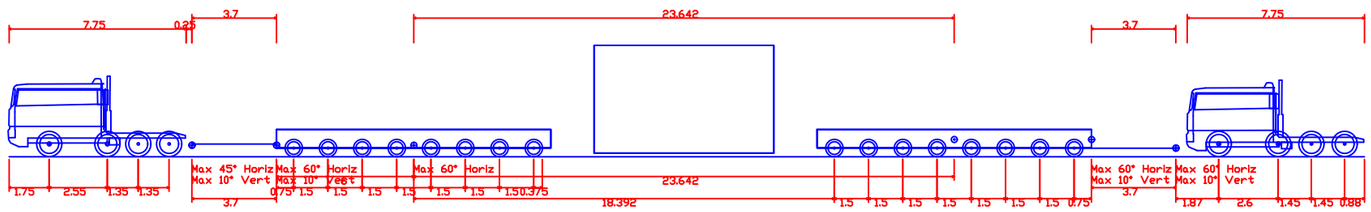
**Key:**

- Over-run envelope of tractor and trailer wheels
- Over-sail envelope being swept by tractor and trailer bed
- Over-sail envelope being swept by load path

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|---|---|---|---|---|---|

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## Vehicle Specification:




| 16-Axle Girder Set Transporter | |
|---|---|
| Overall Length | 59.292m |
| Overall Width | 4.750m |
| Overall Body Height | 4.866m |
| Min Body Ground Clearance | 0.156m |
| Max Track Width | 3.000m |
| Lock to lock time | 6.00s |
| Max Wheel Angle | 40.00° |

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Project
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Site Access Jucntion Design

Title
Access 8 - Substation Access
Swept Path Analysis
Transformer Transporter Vehicle

| Drawn | Checked | Approved |
|---|---|---|
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| **Original drg. size** | **Date** | **Scale** |
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