APPENDIX 4-1

SITE LAYOUT PLANNING DRAWINGS

Project Design Drawing Notes

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

Drawing Legend

- Planning Application Boundary
- Existing Roads to be Upgraded
- Proposed New Roads
- River/Stream
- Enhancement Areas
- Blade Setdown
- Hardstand
- Turbine Foundation
- Turbine Sweep Area
- Borrow Pit
- Peat and Spoil Management Areas
- 33kV Underground Cable Route
- Security Gates
- Cut
- Fill

Temporary Construction Compound 02 Refer to DWG 240225-10

Substation Compound Refer to DWGs 240225-37-240225-41

T13
ITM 507838, 555873
Level - 232m O.D.

T12
ITM 508113, 555660
Level - 246m O.D.

T14
ITM 507383, 555284
Level - 224m O.D.

T11
ITM 508449, 555395
Level - 290m O.D.

Temporary Construction Compound 03 Refer to DWG 240225-11

T9
ITM 509359, 555344
Level - 316m O.D.

T8
ITM 509807, 555268
Level - 376m O.D.

T10
ITM 508872, 555280
Level - 300m O.D.

Met Mast
I.T.M. 509109, 55194
Level - 309m O.D.
Refer to DWG 240225-12

N

PROJECT TITLE:
Maughanaclea Renewable Energy Development Co.Cork

DRAWING TITLE:
Site Location Plan Sheet 1 of 7

PROJECT No.:	DRAWING No.:	SCALE:
240225	240225 - 03.1	1:5,000 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
KD	AC	25.03.2026	P01

OS SHEET No.:
6454 6455 6456 6457 6458 6459 6493 6494 6495 6496 6497 6498 6531 6533 6532 6534 6535 6536 6567 6566 6568 6569 6570 6571 6601 6597 6596 6598 6599 6600 6631 6626 6627 6628 6629 6630 6661 6656 6657 6659 6658 6660

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

Ordnance Survey Ireland Licence No. CYAL50267617© Ordnance Survey Ireland/Government of Ireland

Project Design Drawing Notes

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

Drawing Legend

- Planning Application Boundary
- Existing Roads to be Upgraded
- Proposed New Roads
- River/Stream
- Enhancement Areas
- Blade Setdown
- Hardstand
- Turbine Foundation
- Turbine Sweep Area
- Borrow Pit
- Peat and Spoil Management Areas
- 33kV Underground Cable Route
- Security Gates
- Cut
- Fill

T1
ITM 512234, 559029
Level - 308m O.D.

T2
ITM 511718, 558777
Level - 290m O.D.

T3
ITM 511969, 558495
Level - 258m O.D.

T4
ITM 510753, 558368
Level - 212m O.D.

T5
ITM 511153, 558170
Level - 276m O.D.

T6
ITM 511548, 557969
Level - 220m O.D.

Temporary Construction Compound 01 Refer to DWG 240225-09

N

PROJECT TITLE:
Maughanaclea Renewable Energy Development Co.Cork

DRAWING TITLE:
Site Location Map Sheet 2 of 7

PROJECT No.:		DRAWING No.:	SCALE:
240225		240225 - 03.2	1:5,000 @ A1
DRAWN BY: KD	CHECKED BY: AC	DATE: 25.03.2026	REVISION.: P01

OS SHEET No.:
6454 6455 6456 6457 6458 6459 6493 6494 6495 6496 6497 6498 6531 6533 6532 6534 6535 6536 6557 6566 6568 6569 6570 6571 6601 6597 6596 6598 6599 6600 6631 6626 6627 6628 6629 6630 6661 6656 6657 6659 6658 6660

Ordnance Survey Ireland Licence No. CYAL50267517© Ordnance Survey Ireland/Government of Ireland

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

T6
ITM 511548, 557969
Level - 220m O.D.

Level - 276m O.D.

Temporary Construction Compound 01 Refer to DWG 240225-09

33kV IPP Crossing
Refer to DWG 240225-35
For Details

Temporary Construction Compound 02 Refer to DWG 240225-10

Water Course Crossing 01
Refer to DWG 240225-23
For Details

Water Course Crossing 02
Refer to DWG 240225-24
For Details

Substation Compound
Refer to DWGs
240225-37-240225-41

T7
ITM 510300, 555783
Level - 348m O.D.

Ordnance Survey Ireland Licence No. CYAL50267517© Ordnance Survey Ireland/Government of Ireland

Project Design Drawing Notes

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

Drawing Legend

- Planning Application Boundary
- Existing Roads to be Upgraded
- Proposed New Roads
- River/Stream
- Enhancement Areas
- Blade Setdown
- Hardstand
- Turbine Foundation
- Turbine Sweep Area
- Borrow Pit
- Peat and Spoil Management Areas
- 33kV Underground Cable Route
- Watercourse Crossing
- Security Gates
- Cut
- Fill
- 110kV Underground Cabling Trench
- Underground Cabling Joint Bay

N

PROJECT TITLE:
Maughanaclea Renewable Energy Development Co.Cork

DRAWING TITLE:
Site Location Map Sheet 3 of 7

PROJECT No.:	DRAWING No.:	SCALE:
240225	240225 - 03.3	1:5,000 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
KD	AC	25.03.2026	P01

OS SHEET No.:
6454 6455 6456 6457 6458 6459 6493 6494 6495 6496 6497 6498 6531 6533 6532 6534 6535 6536 6567 6566 6568 6569 6570 6571 6601 6597 6596 6598 6599 6600 6631 6626 6627 6628 6629 6630 6661 6656 6657 6659 6658 6660

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

Water Course Crossing 04
Refer to DWG 240225-26
For Details

Water Course Crossing 03
Refer to DWG 240225-25
For Details

Ordnance Survey Ireland Licence No. CYAL50267517© Ordnance Survey Ireland/Government of Ireland

Project Design Drawing Notes

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

Drawing Legend

- Planning Application Boundary
- 110kV Underground Cabling Trench
- Underground Cabling Joint Bay
- Watercourse Crossing
- River/Stream

N

PROJECT TITLE:
Maughanaclea Renewable Energy Development Co.Cork

DRAWING TITLE:
Site Location Map Sheet 4 of 7

PROJECT No.:	DRAWING No.:	SCALE:
240225	240225 - 03.4	1:5,000 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
KD	AC	25.03.2026	P01

OS SHEET No.:
6454 6455 6456 6457 6458 6459 6493 6494 6495 6496 6497 6498 6531 6533 6532 6534 6535 6536 6567 6566 6568 6569 6570 6571 6601 6597 6596 6598 6599 6600 6631 6626 6627 6628 6629 6630 6661 6656 6657 6659 6658 6660

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

Water Course Crossing 05
Refer to DWG 240225-27
For Details

Water Course Crossing 06
Refer to DWG 240225-28
For Details

Water Course Crossing 07
Refer to DWG 240225-29
For Details

Water Course Crossing 08
Refer to DWG 240225-30
For Details

Ordnance Survey Ireland Licence No. CYAL50267517© Ordnance Survey Ireland/Government of Ireland

Project Design Drawing Notes

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

Drawing Legend

- Planning Application Boundary
- 110kV Underground Cabling Trench
- Underground Cabling Joint Bay
- Watercourse Crossing
- River/Stream

N

PROJECT TITLE:
Maughanaclea Renewable Energy Development Co.Cork

DRAWING TITLE:
Site Location Map Sheet 5 of 7

PROJECT No.:	DRAWING No.:	SCALE:
240225	240225 - 03.5	1:5,000 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
KD	AC	25.03.2026	P01

OS SHEET No.:
6454 6455 6456 6457 6458 6459 6493 6494 6495 6496 6497 6498 6531 6533 6532 6534 6535 6536 6567 6566 6568 6569 6570 6571 6601 6597 6596 6598 6599 6600 6631 6626 6627 6628 6629 6630 6661 6656 6657 6659 6658 6660

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

Project Design Drawing Notes

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

Drawing Legend

- Planning Application Boundary
- 110kV Underground Cabling Trench
- Underground Cabling Joint Bay
- Watercourse Crossing
- River/Stream

N

PROJECT TITLE:

Maughanaclea Renewable Energy Development Co.Cork

DRAWING TITLE:

Site Layout Plan
Sheet 6 of 7

PROJECT No.:		DRAWING No.:	SCALE:
240225		240225 - 03.6	1:5,000 @ A1
DRAWN BY: KD	CHECKED BY: AC	DATE: 25.03.2026	REVISION.: P01

OS SHEET No.:
6454 6455 6456 6457 6458 6459 6493 6494 6495 6496 6497 6498 6531 6533 6532 6534 6535 6536 6567 6566 6568 6569 6570 6571 6601 6597 6596 6598 6599 6600 6631 6626 6627 6628 6629 6630 6661 6656 6657 6659 6658 6660

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

Ordnance Survey Ireland Licence No. CYAL50267517© Ordnance Survey Ireland/Government of Ireland

Project Design Drawing Notes

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

Drawing Legend

- Planning Application Boundary
- 110kV Underground Cabling Trench
- Underground Cabling Joint Bay
- Watercourse Crossing
- River/Stream

Water Course Crossing 09
Refer to DWG 240225-31
For Details

Water Course Crossing 10
Refer to DWG 240225-32
For Details

Water Course Crossing 11
Refer to DWG 240225-33&34
For Details

Existing Dunmanway 110kV Substation

N

PROJECT TITLE:
Maughanaclea Renewable Energy Development Co.Cork

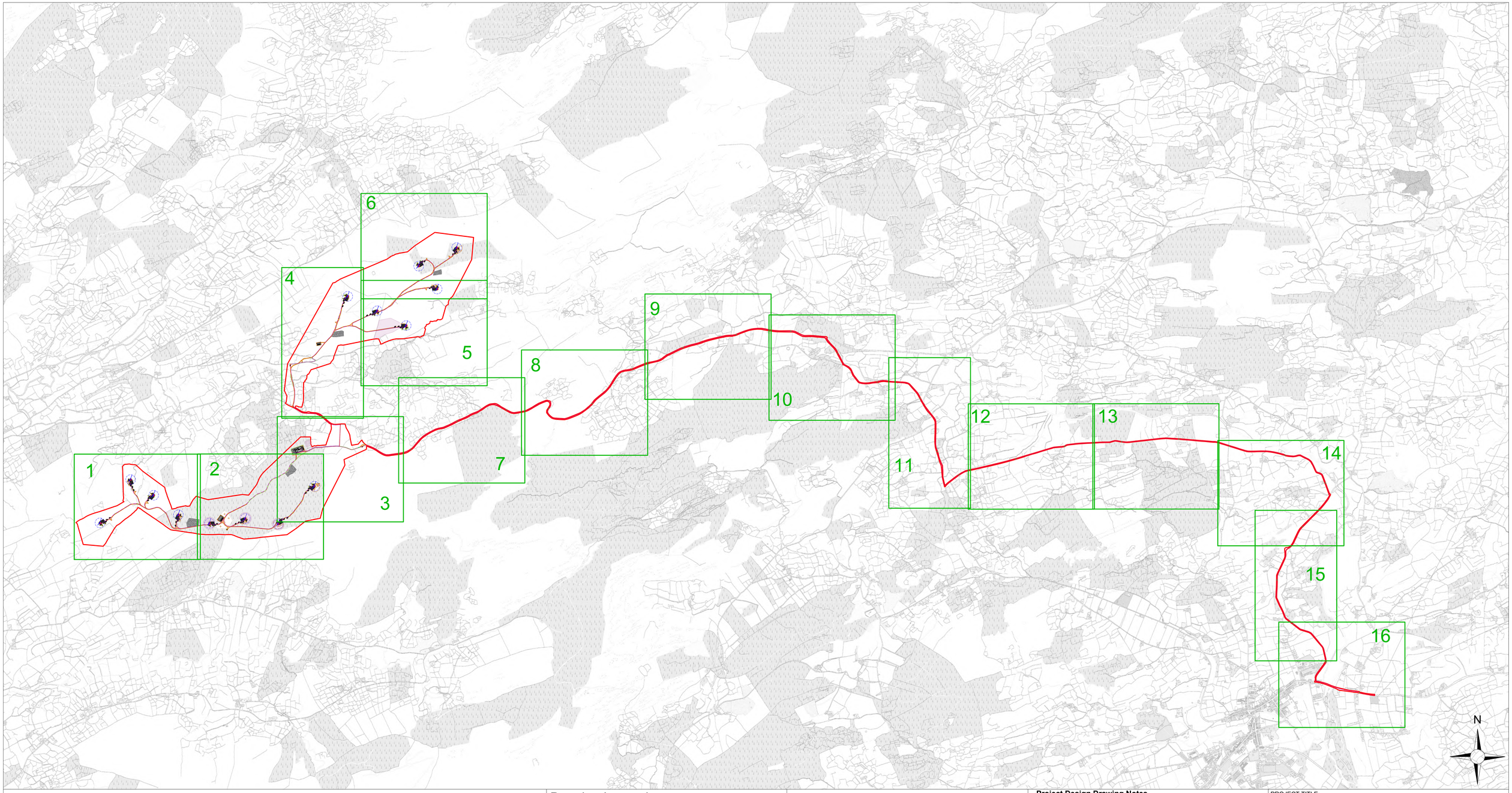
DRAWING TITLE:
Site Layout Plan Sheet 7 of 7

PROJECT No.:	DRAWING No.:	SCALE:
240225	240225 - 03.7	1:5,000 @ A1
DRAWN BY: KD / CHECKED BY: AC	DATE: 24.03.2026	REVISION.: P01

OS SHEET No.:
6454 6455 6456 6457 6458 6459 6493 6494 6495 6496 6497 6498 6531 6533 6532 6534 6535 6536 6567 6566 6568 6569 6570 6571 6601 6597 6596 6598 6599 6600 6631 6626 6627 6628 6629 6630 6661 6656 6657 6659 6658 6660

Ordnance Survey Ireland Licence No. CYAL50267517© Ordnance Survey Ireland/Government of Ireland

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



Drawing Legend

- Planning Application Boundary
- Existing Roads to be Upgraded
- Proposed New Roads
- Enhancement Areas
- Blade Setdown
- Hardstand
- Turbine Foundation
- Turbine Sweep Area
- Borrow Pit
- Peat and Spoil Management Areas
- 33kV Underground Cable Route
- 110kV Underground Cabling Trench
- Underground Cabling Joint Bay
- Cut
- Fill

Project Design Drawing Notes

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

PROJECT TITLE:

Maughanaclea Renewable Energy Development Co.Cork

DRAWING TITLE:

Site Layout Key Plan 1:2500

PROJECT No.:	DRAWING No.:	SCALE:
240225	240225 - 04	1:25,000 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
KD	AC	25.03.2026	P01

OS SHEET No:
6454 6455 6456 6457 6458 6459 6493 6494 6495 6496 6497 6498 6531 6533 6532 6534 6535 6536 6567 6566 6568 6569 6570 6571 6601 6597 6596 6598 6599 6600 6631 6626 6627 6628 6629 6630 6661 6656 6657 6659 6658 6660

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

Project Design Drawing Notes

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

Drawing Legend

- Planning Application Boundary
- Existing Roads to be Upgraded
- Proposed New Roads
- River/Stream
- Enhancement Areas
- Blade Setdown
- Hardstand
- Turbine Foundation
- Turbine Sweep Area
- Borrow Pit
- Peat and Spoil Management Areas
- 33kV Underground Cable Route
- Security Gates
- Cut
- Fill

T13
ITM 507799, 555873
Level - 232m O.D.

T12
ITM 508113, 555660
Level - 246m O.D.

T11
ITM 508449, 555395
Level - 290m O.D.

T14
ITM 507383, 555284
Level - 224m O.D.

Refer to DWG 240225 - 05.13
Refer to DWG 240225 - 05.12
Refer to DWG 240225 - 05.11
Refer to DWG 240225 - 05.14

N

Ordnance Survey Ireland Licence No. CYAL50267517© Ordnance Survey Ireland/Government of Ireland

PROJECT TITLE:
Maughanaclea Renewable Energy Development Co.Cork

DRAWING TITLE:
Site Layout Plan Sheet 1 of 16

PROJECT No.:	DRAWING No.:	SCALE:
240225	240225 - 04.1	1:2,500 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
KD	AC	25.03.2026	P01

OS SHEET No.:
6454 6455 6456 6457 6458 6459 6493 6494 6495 6496 6497 6498 6531 6533 6532 6534 6535 6536 6567 6566 6568 6569 6570 6571 6601 6597 6596 6598 6599 6600 6631 6626 6627 6628 6629 6630 6661 6656 6657 6659 6658 6660

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

Project Design Drawing Notes

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

Drawing Legend

- Planning Application Boundary
- Existing Roads to be Upgraded
- Proposed New Roads
- River/Stream
- Enhancement Areas
- Blade Setdown
- Hardstand
- Turbine Foundation
- Turbine Sweep Area
- Borrow Pit
- Peat and Spoil Management Areas
- 33kV Underground Cable Route
- Security Gates
- Cut
- Fill

N

PROJECT TITLE:

Maughanaclea Renewable Energy Development Co.Cork

DRAWING TITLE:

Site Layout Plan Sheet 2 of 16

PROJECT No.:		DRAWING No.:	SCALE:
240225		240225 - 04.2	1:2,500 @ A1
DRAWN BY: KD	CHECKED BY: AC	DATE: 24.03.2026	REVISION.: P01

OS SHEET No.:
6454 6455 6456 6457 6458 6459 6493 6494 6495 6496 6497 6498 6531 6533 6532 6534 6535 6536 6567 6566 6568 6569 6570 6571 6601 6597 6596 6598 6599 6600 6631 6626 6627 6628 6629 6630 6661 6656 6657 6659 6658 6660

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

Ordnance Survey Ireland Licence No. CYAL50267517© Ordnance Survey Ireland/Government of Ireland

33kV IPP Crossing
Refer to DWG 240225-35
For Details

Temporary Construction
Compound 02 Refer to DWG
240225-10

Substation Compound
Refer to DWGs
240225-37-240225-41

Water Course Crossing_01
Refer to DWG 240225-23
For Details

Joint Bay 1

Security Cabin
Refer to DWG 240225-42
For Details

T7
ITM 510300, 555783
Level - 348m O.D.

Refer to DWG
240225 - 05.7

Ordnance Survey Ireland Licence No. CYAL50267517© Ordnance Survey Ireland/Government of Ireland

Project Design Drawing Notes

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

Drawing Legend

- Planning Application Boundary
- Existing Roads to be Upgraded
- Proposed New Roads
- River/Stream
- Enhancement Areas
- Blade Setdown
- Hardstand
- Turbine Foundation
- Turbine Sweep Area
- Borrow Pit
- Peat and Spoil Management Areas
- 33kV Underground Cable Route
- Watercourse Crossing
- Security Gates
- Cut
- Fill
- 110kV Underground Cabling Trench
- Underground Cabling Joint Bay

N

PROJECT TITLE:
Maughanaclea Renewable Energy Development Co.Cork

DRAWING TITLE:
Site Layout Plan
Sheet 3 of 16

PROJECT No.:	DRAWING No.:	SCALE:
240225	240225 - 04.3	1:2,500 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
KD	AC	25.03.2026	P01

OS SHEET No.:
6454 6455 6456 6457 6458 6459 6493 6494 6495 6496 6497 6498 6531 6533 6532 6534 6535 6536 6567 6566 6568 6569 6570 6571 6601 6597 6596 6598 6599 6600 6631 6626 6627 6628 6629 6630 6661 6656 6657 6659 6658 6660

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

Project Design Drawing Notes

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

Drawing Legend

- Planning Application Boundary
- Existing Roads to be Upgraded
- Proposed New Roads
- River/Stream
- Enhancement Areas
- Blade Setdown
- Hardstand
- Turbine Foundation
- Turbine Sweep Area
- Borrow Pit
- Peat and Spoil Management Areas
- 33kV Underground Cable Route
- Security Gates
- Cut
- Fill

T4
ITM 510753, 558366
Level= 212m O.D.

Refer to DWG 240225 - 05.4

Temporary Construction Compound 01 Refer to DWG 240225-09

Security Cabin Refer to DWG 240225-42 For Details

N

PROJECT TITLE:
Maughanaclea Renewable Energy Development Co.Cork

DRAWING TITLE:
Site Layout Plan Sheet 4 of 16

PROJECT No.:	DRAWING No.:	SCALE:
240225	240225 - 04.4	1:2,500 @ A1
DRAWN BY: KD / CHECKED BY: AC	DATE: 25.03.2026	REVISION.: P01

OS SHEET No.:
6454 6455 6456 6457 6458 6459 6493 6494 6495 6496 6497 6498 6531 6533 6532 6534 6535 6536 6567 6566 6568 6569 6570 6571 6601 6597 6596 6598 6599 6600 6631 6626 6627 6628 6629 6630 6661 6656 6657 6659 6658 6660

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

Ordnance Survey Ireland Licence No. CYAL50267517© Ordnance Survey Ireland/Government of Ireland

Refer to DWG 240225 - 05.3

T3
ITM 511969, 558466
Level - 258m O.D.

224.6m
219.4m

Refer to DWG 240225 - 05.5

T5
ITM 511153, 558170
Level - 278m O.D.

Refer to DWG 240225 - 05.6

T6
ITM 511548, 557969
Level - 220m O.D.

504.4m
319.2m
383.5m
108.9m
129.9m
172.8m

Ordnance Survey Ireland Licence No. CYAL50267517© Ordnance Survey Ireland/Government of Ireland

Project Design Drawing Notes

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

Drawing Legend

- Planning Application Boundary
- Existing Roads to be Upgraded
- Proposed New Roads
- River/Stream
- Enhancement Areas
- Blade Setdown
- Hardstand
- Turbine Foundation
- Turbine Sweep Area
- Borrow Pit
- Peat and Spoil Management Areas
- 33kV Underground Cable Route
- Security Gates
- Cut
- Fill

N

PROJECT TITLE:
Maughanaclea Renewable Energy Development Co.Cork

DRAWING TITLE:
Site Layout Plan
Sheet 5 of 16

PROJECT No.:		DRAWING No.:	SCALE:
240225		240225 - 04.5	1:2,500 @ A1
DRAWN BY: KD	CHECKED BY: AC	DATE: 25.03.2026	REVISION.: P01

OS SHEET No.:
6454 6455 6456 6457 6458 6459 6493 6494 6495 6496 6497 6498 6531 6533 6532 6534 6535 6536 6567 6566 6568 6569 6570 6571 6601 6597 6596 6598 6599 6600 6631 6626 6627 6628 6629 6630 6661 6656 6657 6659 6658 6660

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

Project Design Drawing Notes

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

Drawing Legend

- Planning Application Boundary
- Existing Roads to be Upgraded
- Proposed New Roads
- River/Stream
- Enhancement Areas
- Blade Setdown
- Hardstand
- Turbine Foundation
- Turbine Sweep Area
- Borrow Pit
- Peat and Spoil Management Areas
- 33kV Underground Cable Route
- Watercourse Crossing
- Security Gates
- Cut
- Fill
- 110kV Underground Cabling Trench
- Underground Cabling Joint Bay

N

PROJECT TITLE:

Maughanaclea Renewable Energy Development Co.Cork

DRAWING TITLE:

Site Layout Plan Sheet 6 of 16

PROJECT No.:	DRAWING No.:	SCALE:
240225	240225 - 04.6	1:2,500 @ A1

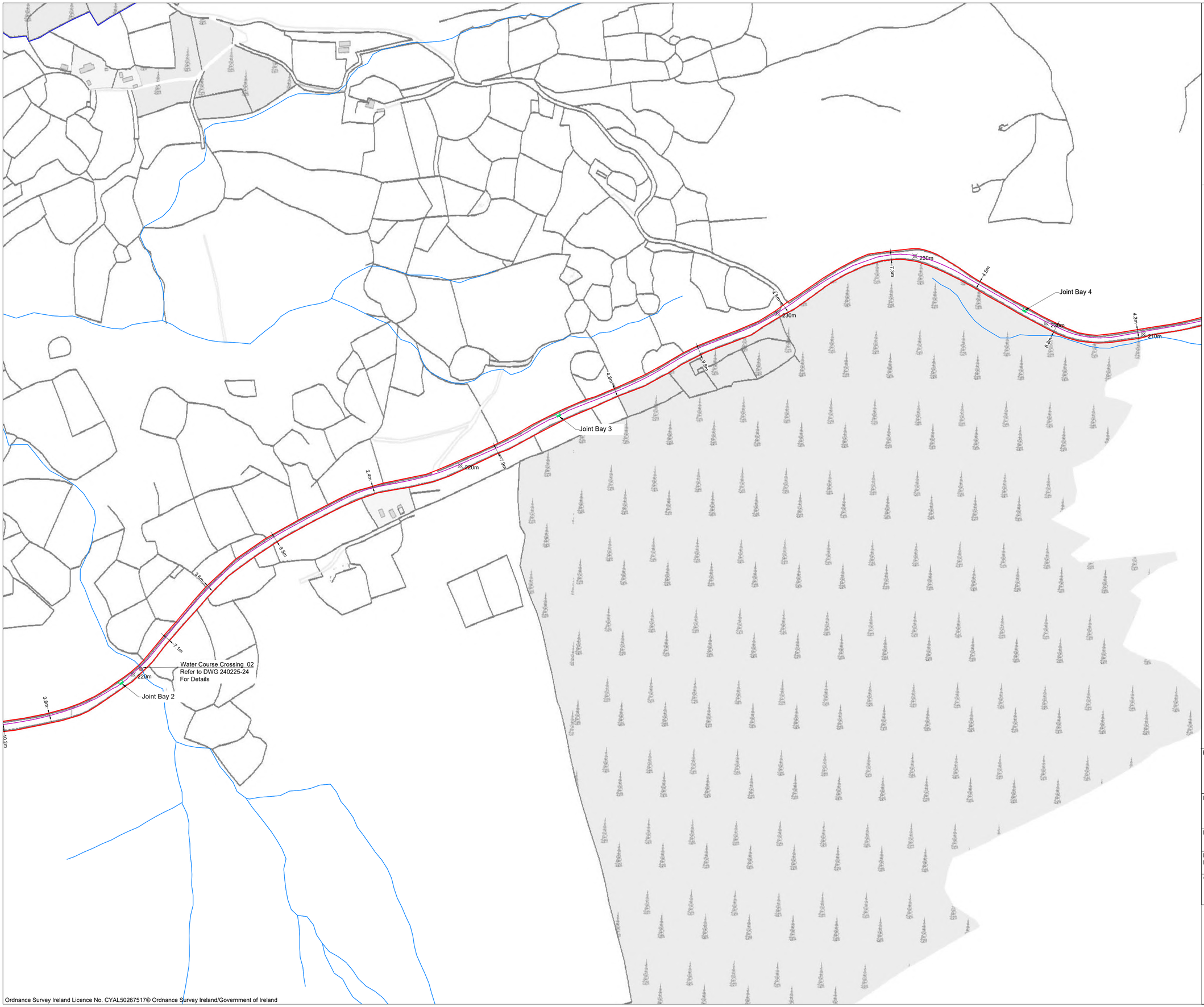
DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
KD	AC	24.03.2026	P01

OS SHEET No.:

6454 6455 6456 6457 6458 6459 6493 6494 6495 6496 6497 6498 6531 6533 6532 6534 6535 6536 6567 6566 6568 6569 6570 6571 6601 6597 6596 6598 6599 6600 6631 6626 6627 6628 6629 6630 6661 6656 6657 6659 6658 6660

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

Ordnance Survey Ireland Licence No. CYAL50267517© Ordnance Survey Ireland/Government of Ireland



Ordnance Survey Ireland Licence No. CYAL50267517© Ordnance Survey Ireland/Government of Ireland

Project Design Drawing Notes

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

Drawing Legend

- Planning Application Boundary
- 110kV Underground Cabling Trench
- Underground Cabling Joint Bay
- Watercourse Crossing
- River/Stream

N

PROJECT TITLE:

Maughanaclea Renewable Energy Development Co.Cork

DRAWING TITLE:

Site Layout Plan Sheet 7 of 16

PROJECT No.:	DRAWING No.:	SCALE:
240225	240225 - 04.7	1:2,500 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
KD	AC	25.03.2026	P01

OS SHEET No.:

6454 6455 6456 6457 6458 6459 6493 6494 6495 6496 6497 6498 6531 6533 6532 6534 6535 6536 6567 6566 6568 6569 6570 6571 6601 6597 6596 6598 6599 6600 6631 6626 6627 6628 6629 6630 6661 6656 6657 6659 6658 6660

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

Project Design Drawing Notes

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

Drawing Legend

- Planning Application Boundary
- 110kV Underground Cabling Trench
- Underground Cabling Joint Bay
- Watercourse Crossing
- River/Stream

N

PROJECT TITLE:

Maughanaclea Renewable Energy Development Co.Cork

DRAWING TITLE:

Site Layout Plan
Sheet 8 of 16

PROJECT No.:	DRAWING No.:	SCALE:
240225	240225 - 04.8	1:2,500 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
KD	AC	25.03.2026	P01

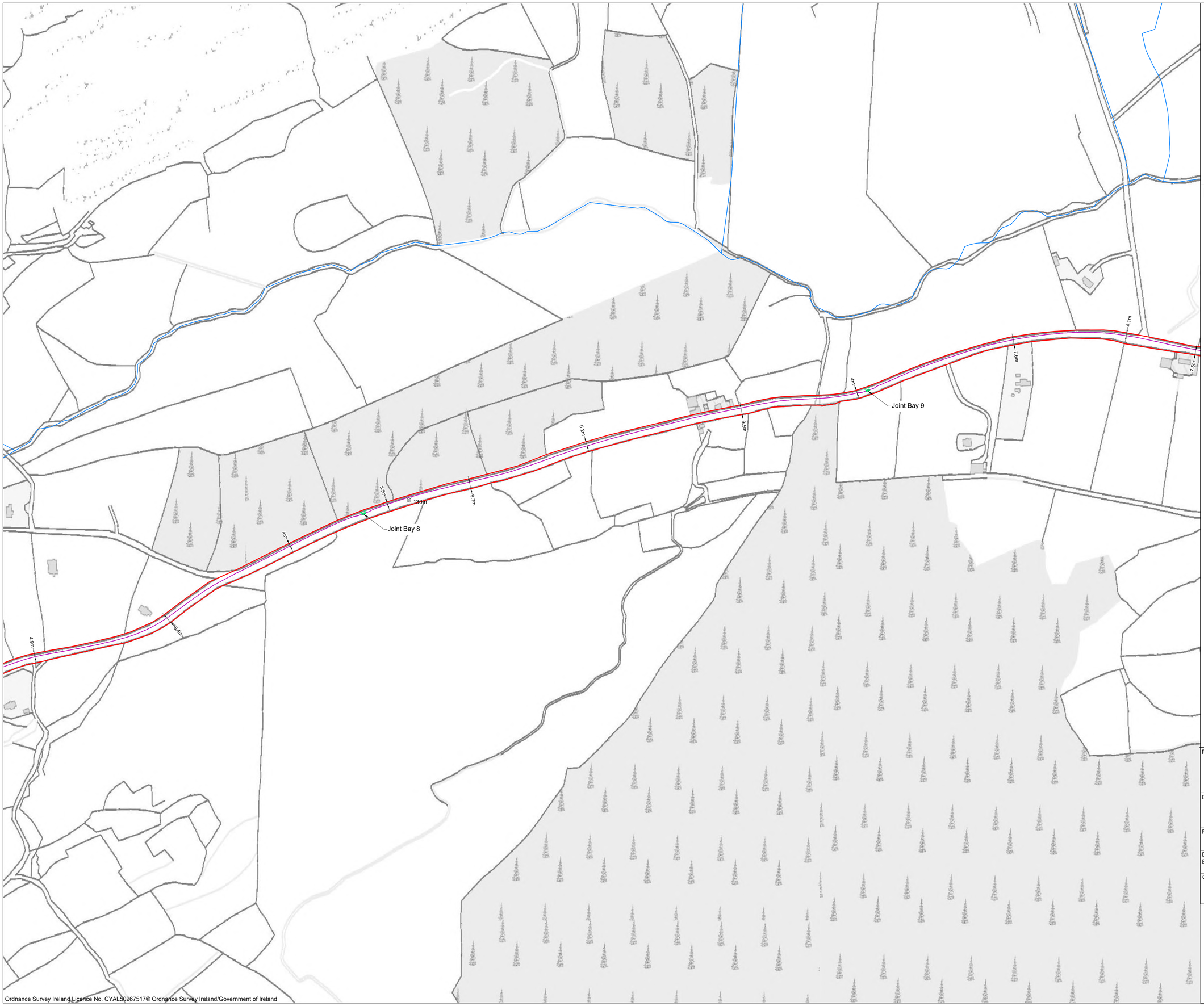
OS SHEET No.:

6454 6455 6456 6457 6458 6459 6493 6494 6495 6496 6497 6498 6531 6533 6532 6534 6535 6536 6567 6566 6568 6569 6570 6571 6601 6597 6596 6598 6599 6600 6631 6626 6627 6628 6629 6630 6661 6656 6657 6659 6658 6660

MKO

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

Ordnance Survey Ireland Licence No. CYAL50267517© Ordnance Survey Ireland/Government of Ireland



Project Design Drawing Notes

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

Drawing Legend

- Planning Application Boundary
- 110kV Underground Cabling Trench
- Underground Cabling Joint Bay
- Watercourse Crossing
- River/Stream

N

PROJECT TITLE:
Maughanaclea Renewable Energy Development Co.Cork

DRAWING TITLE:
Site Layout Plan
Sheet 9 of 16

PROJECT No.:	DRAWING No.:	SCALE:
240225	240225 - 04.9	1:2,500 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
KD	AC	25.03.2026	P01

OS SHEET No.:
6454 6455 6456 6457 6458 6459 6493 6494 6495 6496 6497 6498 6531 6533 6532 6534 6535 6536 6567 6566 6568 6569 6570 6571 6601 6597 6596 6598 6599 6600 6631 6626 6627 6628 6629 6630 6661 6656 6657 6659 6658 6660

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

Project Design Drawing Notes

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

Drawing Legend

- Planning Application Boundary
- 110kV Underground Cabling Trench
- Underground Cabling Joint Bay
- Watercourse Crossing
- River/Stream

N

PROJECT TITLE:
Maughanaclea Renewable Energy Development Co.Cork

DRAWING TITLE:
Site Layout Plan
Sheet 10 of 16

PROJECT No.:	DRAWING No.:	SCALE:
240225	240225 - 04.10	1:2,500 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
KD	AC	24.03.2026	P01

OS SHEET No.:
6454 6455 6456 6457 6458 6459 6493 6494 6495 6496 6497 6498 6531 6533 6532 6534 6535 6536 6567 6566 6568 6569 6570 6571 6601 6597 6596 6598 6599 6600 6631 6626 6627 6628 6629 6630 6661 6656 6657 6659 6658 6660

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

Ordnance Survey Ireland Licence No. CYAL50267517© Ordnance Survey Ireland/Government of Ireland

Project Design Drawing Notes

1. Drawings issued are for planning application purposes only.
2. Drawings not to be used for construction/contract conditions.
3. Copyright, all rights reserved. No part herewith may be copied or reproduced partially or wholly in any form whatsoever without the prior notice of the copyright owner McCarthy Keville O'Sullivan.
4. Do not scale off this drawing. Figured metric dimensions only should be taken off this drawing.

Drawing Legend

- Planning Application Boundary
- Landowners Boundary
- Site Notice
- Wayleave

3.9m
2m
7.8m
Joint Bay 13
2.5m
9.8m
4.3m
90m
Water Course Crossing_05
Refer to DWG 240225-27
For Details
10.3m
4.1m
6.4m
Joint Bay 14
2.8m
100m
9.6m
3.2m
7m
110m
Joint Bay 15
6.1m
110m
2.7m
5.5m
15.3m
Water Course Crossing_06
Refer to DWG 240225-28
For Details

N

PROJECT TITLE:
Maughanaclea Renewable Energy Development Co.Cork

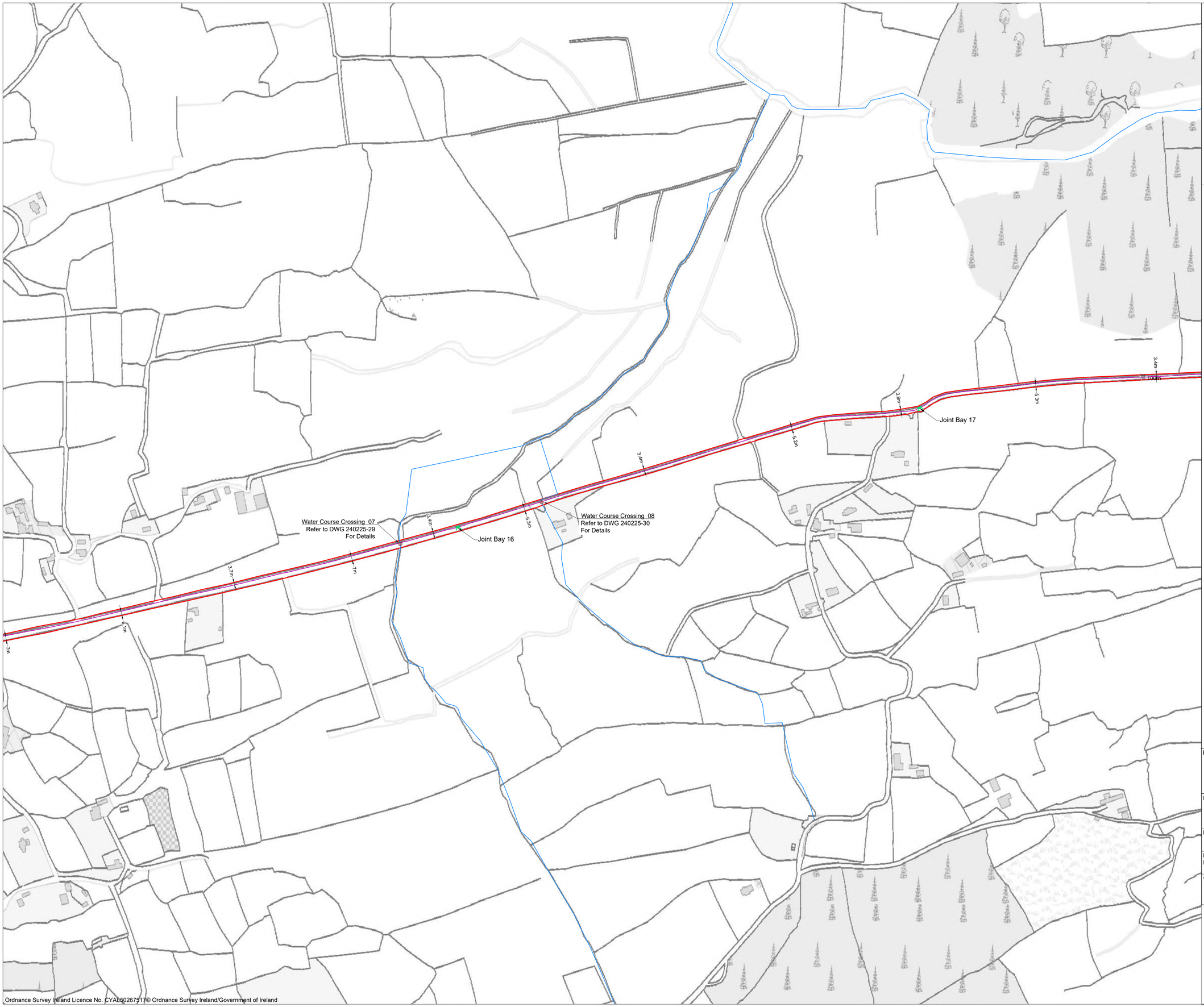
DRAWING TITLE:
Site Layout Plan
Sheet 11 of 16

PROJECT No.:	DRAWING No.:	SCALE:
240225	240225 - 04.11	1:2,500 @ A1
DRAWN BY: KD / CHECKED BY: AC	DATE: 25.03.2026	REVISION.: P01

OS SHEET No.:
6454 6455 6456 6457 6458 6459 6493 6494 6495 6496 6497 6498 6531 6533 6532 6534 6535 6536 6567 6566 6568 6569 6570 6571 6601 6597 6596 6598 6599 6600 6631 6626 6627 6628 6629 6630 6661 6656 6657 6659 6658 6660

Ordnance Survey Ireland Licence No. CYAL50267517© Ordnance Survey Ireland/Government of Ireland

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



Ordnance Survey Ireland Licence No. CYAL50267517© Ordnance Survey Ireland/Government of Ireland

Project Design Drawing Notes

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

Drawing Legend

- Planning Application Boundary
- 110kV Underground Cabling Trench
- Underground Cabling Joint Bay
- Watercourse Crossing
- River/Stream

N

PROJECT TITLE:

Maughanaclea Renewable Energy Development Co.Cork

DRAWING TITLE:

Site Layout Plan
Sheet 12 of 16

PROJECT No.:		DRAWING No.:	SCALE:
240225		240225 - 04.12	1:2,500 @ A1
DRAWN BY: KD	CHECKED BY: AC	DATE: 25.03.2026	REVISION.: P01

OS SHEET No.:

6454 6455 6456 6457 6458 6459 6493 6494 6495 6496 6497 6498 6531 6533 6532 6534 6535 6536 6567 6566 6568 6569 6570 6571 6601 6597 6596 6598 6599 6600 6631 6626 6627 6628 6629 6630 6661 6656 6657 6659 6658 6660

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



Project Design Drawing Notes

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

Drawing Legend

- Planning Application Boundary
- 110kV Underground Cabling Trench
- Underground Cabling Joint Bay
- Watercourse Crossing
- River/Stream

N

PROJECT TITLE:

Maughanaclea Renewable Energy Development Co.Cork

DRAWING TITLE:

Site Layout Plan Sheet 13 of 16

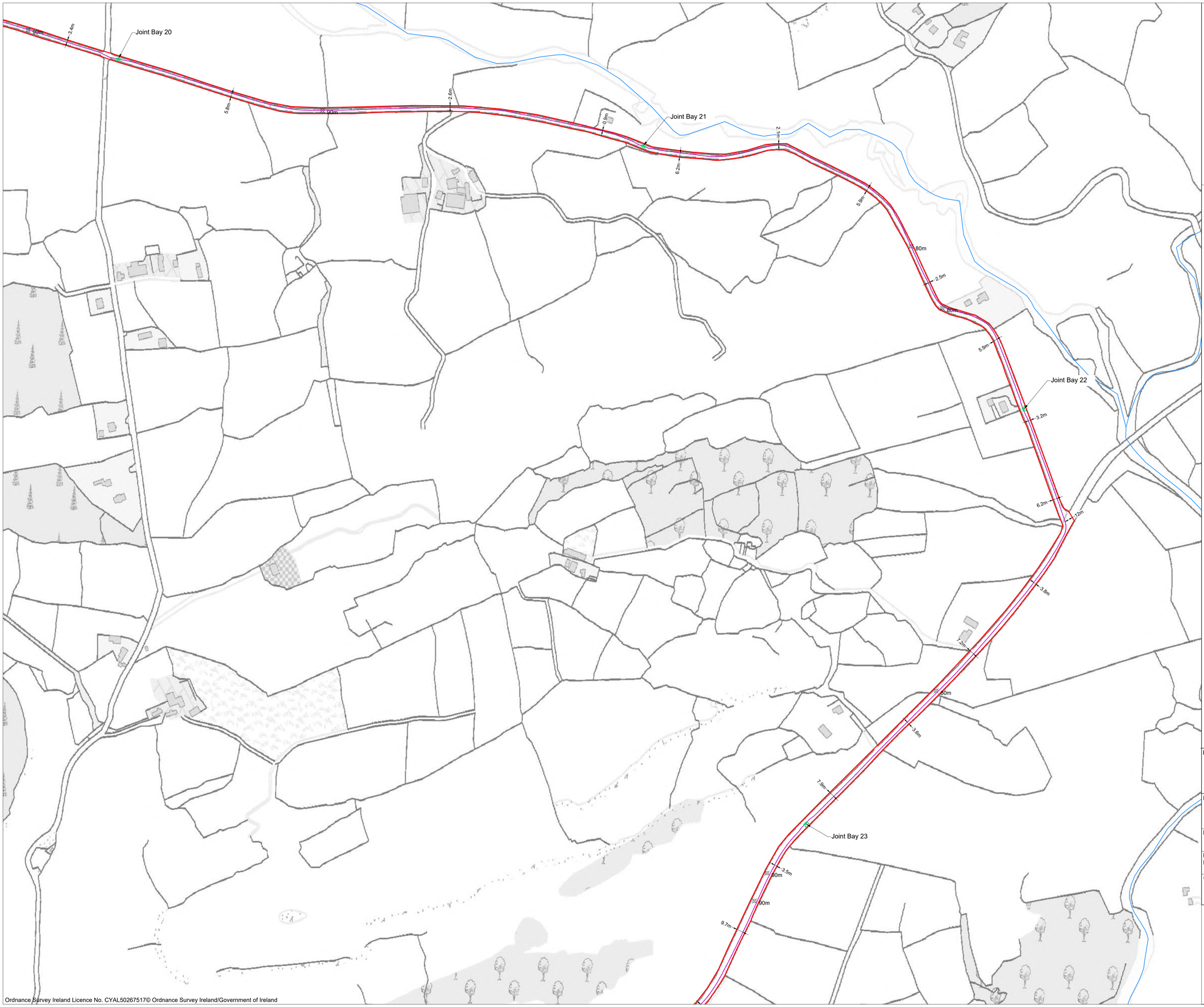
PROJECT No.:		DRAWING No.:	SCALE:
240225		240225 - 04.13	1:2,500 @ A1
DRAWN BY: KD	CHECKED BY: AC	DATE: 25.03.2026	REVISION.: P01

OS SHEET No.:

6454 6455 6456 6457 6458 6459 6493 6494 6495 6496 6497 6498 6531 6533 6532 6534 6535 6536 6567 6566 6568 6569 6570 6571 6601 6597 6596 6598 6599 6600 6631 6626 6627 6628 6629 6630 6661 6656 6657 6659 6658 6660

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

Ordnance Survey Ireland Licence No. CYAL50267517© Ordnance Survey Ireland/Government of Ireland



Project Design Drawing Notes

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

Drawing Legend

- Planning Application Boundary
- 110kV Underground Cabling Trench
- Underground Cabling Joint Bay
- Watercourse Crossing
- River/Stream

N

PROJECT TITLE:

Maughanaclea Renewable Energy Development Co.Cork

DRAWING TITLE:

Site Layout Plan
Sheet 14 of 16

PROJECT No.:		DRAWING No.:	SCALE:
240225		240225 - 04.14	1:2,500 @ A1
DRAWN BY: KD	CHECKED BY: AC	DATE: 24.03.2026	REVISION.: P01

OS SHEET No.:

6454 6455 6456 6457 6458 6459 6493 6494 6495 6496 6497 6498 6531 6533 6532 6534 6535 6536 6567 6566 6568 6569 6570 6571 6601 6597 6596 6598 6599 6600 6631 6626 6627 6628 6629 6630 6661 6656 6657 6659 6658 6660

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

Ordnance Survey Ireland Licence No. CYAL50267517© Ordnance Survey Ireland/Government of Ireland

Project Design Drawing Notes

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

Drawing Legend

- Planning Application Boundary
- 110kV Underground Cabling Trench
- Underground Cabling Joint Bay
- Watercourse Crossing
- River/Stream

80m
3.6m
7.9m
Joint Bay 23
3.5m
90m
90m
9.7m
4.6m
25.6m
80m
3.4m
5.7m
1.5m
Joint Bay 24
Water Course Crossing_09
Refer to DWG 240225-31
For Details
6.4m
1.4m
5.6m
70m
1.5m
Joint Bay 25
6.7m
7.2m
3.1m
60m
7.5m
60m
60m
1.8m
7.2m

N

PROJECT TITLE:
Maughanaclea Renewable Energy Development Co.Cork

DRAWING TITLE:
Site Layout Plan
Sheet 15 of 16

PROJECT No.:	DRAWING No.:	SCALE:
240225	240225 - 04.15	1:2,500 @ A1
DRAWN BY: KD / CHECKED BY: AC	DATE: 25.03.2026	REVISION.: P01

OS SHEET No.:
6454 6455 6456 6457 6458 6459 6493 6494 6495 6496 6497 6498 6531 6533 6532 6534 6535 6536 6567 6566 6568 6569 6570 6571 6601 6597 6596 6598 6599 6600 6631 6626 6627 6628 6629 6630 6661 6656 6657 6659 6658 6660

Ordnance Survey Ireland Licence No. CYAL50267517© Ordnance Survey Ireland/Government of Ireland

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

6.7m
7.2m
3.1m
7.5m
60m
60m
1.8m
7.2m
1.6m
Joint Bay 26
1.9m
4.1m
1.6m
7.8m
Water Course Crossing 10
Refer to DWG 240225-32
For Details
4.1m
Water Course Crossing 11
Refer to DWG 240225-33&34
For Details
60m
19.5m
6.2m
Joint Bay 27
3.2m
70m
Existing
Dunmanway
110kV Substation

Ordnance Survey Ireland Licence No. CYAL50267517© Ordnance Survey Ireland/Government of Ireland

Project Design Drawing Notes

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

Drawing Legend

- Planning Application Boundary
- 110kV Underground Cabling Trench
- Underground Cabling Joint Bay
- Watercourse Crossing
- River/Stream

N

PROJECT TITLE:
Maughanaclea Renewable Energy Development Co.Cork

DRAWING TITLE:
Site Layout Plan Sheet 16 of 16

PROJECT No.:	DRAWING No.:	SCALE:
240225	240225 - 04.16	1:2,500 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
KD	AC	25.03.2026	P01

OS SHEET No.:
6454 6455 6456 6457 6458 6459 6493 6494 6495 6496 6497 6498 6531 6533 6532 6534 6535 6536 6567 6566 6568 6569 6570 6571 6601 6597 6596 6598 6599 6600 6631 6626 6627 6628 6629 6630 6661 6656 6657 6659 6658 6660

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

Refer to DWG 240225 - 05.1
Refer to DWG 240225 - 05.2
Refer to DWG 240225 - 05.3
Refer to DWG 240225 - 05.4
Refer to DWG 240225 - 05.5
Refer to DWG 240225 - 05.6
Refer to DWG 240225 - 05.7
Refer to DWG 240225 - 05.8
Refer to DWG 240225 - 05.9
Refer to DWG 240225 - 05.10
Refer to DWG 240225 - 05.11
Refer to DWG 240225 - 05.12
Refer to DWG 240225 - 05.13
Refer to DWG 240225 - 05.14

Ordnance Survey Ireland Licence No. CYAL50267517© Ordnance Survey Ireland/Government of Ireland

Project Design Drawing Notes

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

Drawing Legend

- Planning Application Boundary
- Existing Roads to be Upgraded
- Proposed New Roads
- 33kV Underground Cable Route
- River/Stream
- Enhancement Areas
- Blade Setdown
- Hardstand
- Turbine Foundation
- Turbine Sweep Area
- Borrow Pit
- Peat and Spoil Management Areas
- 110kV Underground Cabling Trench
- Underground Cabling Joint Bay

N

PROJECT TITLE:
Maughanaclea Renewable Energy Development Co.Cork

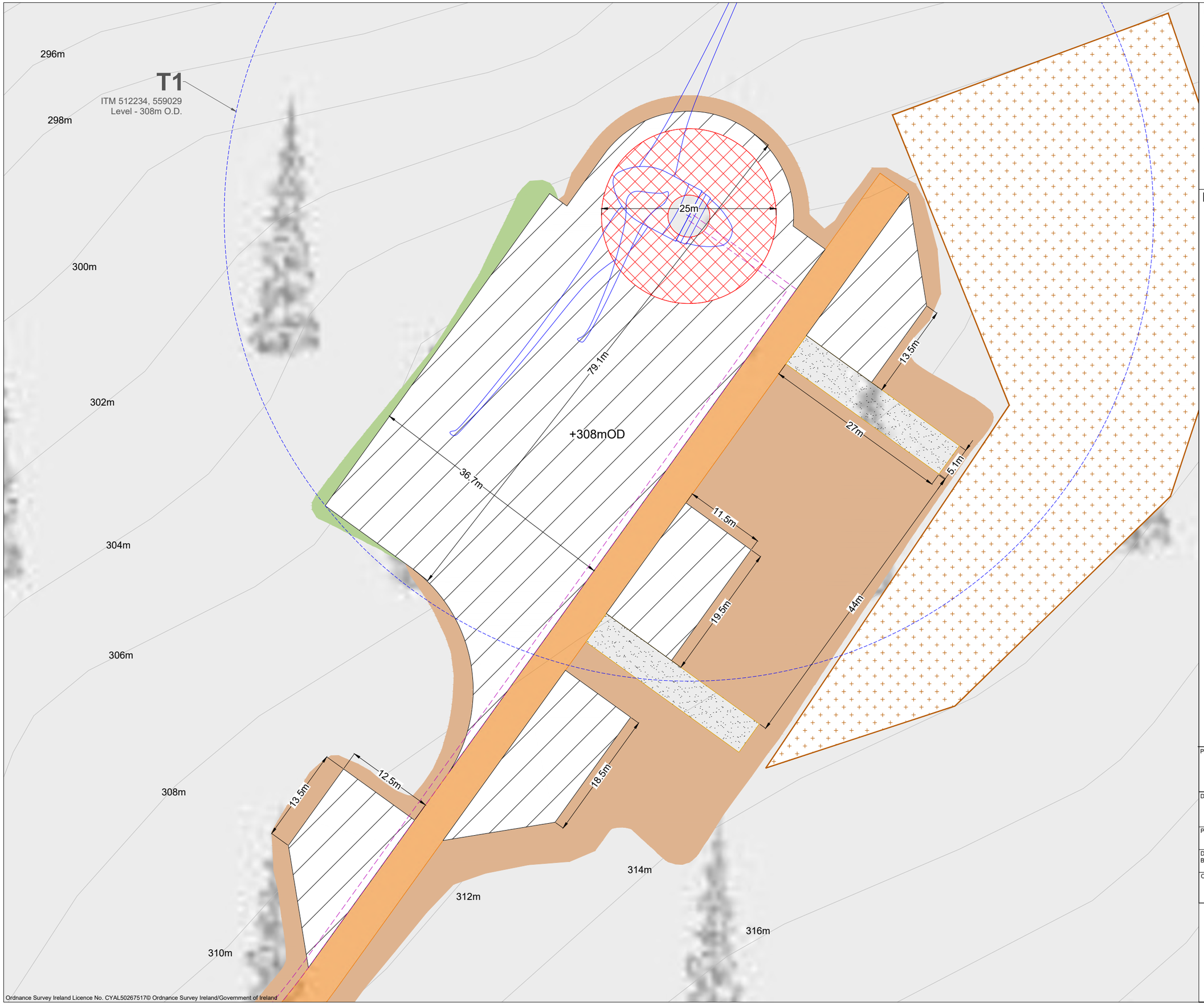
DRAWING TITLE:
Turbine Layout Key Plan

PROJECT No.:	DRAWING No.:	SCALE:
240225	240225 - 05	1:15,000 @ A2

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
KD	AC	24.03.2026	P01

OS SHEET No.:
6454 6455 6456 6457 6458 6459 6493 6494 6495 6496 6497 6498 6531 6533 6532 6534 6535 6536 6567 6566 6568 6569 6570 6571 6601 6597 6596 6598 6599 6600 6631 6626 6627 6628 6629 6630 6661 6656 6657 6659 6658 6660

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



Ordnance Survey Ireland Licence No. CYAL50267517© Ordnance Survey Ireland/Government of Ireland

Project Design Drawing Notes

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

Drawing Legend

- Proposed New Roads
- 33kV Underground Cable Route
- Blade Setdown
- Hardstand
- Turbine Foundation
- Turbine Sweep Area
- Peat and Spoil Management Areas
- Cut
- Fill

N

PROJECT TITLE:
Maughanaclea Renewable Energy Development Co.Cork

DRAWING TITLE:
Turbine 1 Layout
Sheet 1 of 14

PROJECT No.:	DRAWING No.:	SCALE:
240225	240225 - 05.1	1:500 @ A3

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
KD	AC	24.03.2026	P01

OS SHEET No.:
6454 6455 6456 6457 6458 6459 6493 6494 6495 6496 6497 6498 6531 6533 6532 6534 6535 6536 6567 6566 6568 6569 6570 6571 6601 6597 6596 6598 6599 6600 6631 6626 6627 6628 6629 6630 6661 6656 6657 6659 6658 6660

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



Ordnance Survey Ireland Licence No. CYAL50267517© Ordnance Survey Ireland/Government of Ireland

Project Design Drawing Notes

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

Drawing Legend

- Proposed New Roads
- 33kV Underground Cable Route
- Blade Setdown
- Hardstand
- Turbine Foundation
- Turbine Sweep Area
- Cut
- Fill

N

PROJECT TITLE:
Maughanaclea Renewable Energy Development Co.Cork

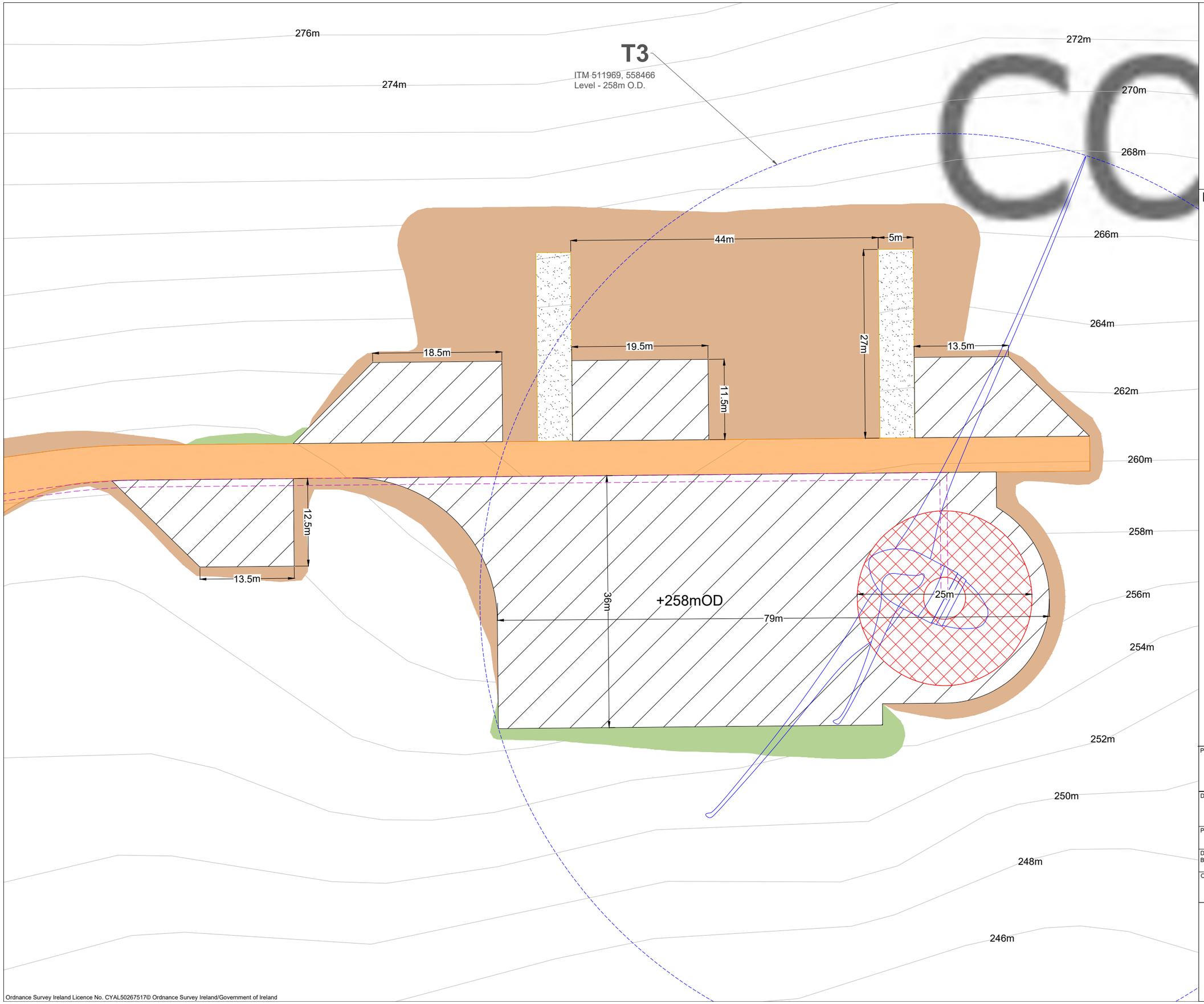
DRAWING TITLE:
Turbine 2 Layout
Sheet 2 of 14

PROJECT No.:	DRAWING No.:	SCALE:
240225	240225 - 05.2	1:500 @ A3

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
KD	AC	25.03.2026	P01

OS SHEET No.:
6454 6455 6456 6457 6458 6459 6493 6494 6495 6496 6497 6498 6531 6533 6532 6534 6535 6536 6567 6566 6568 6569 6570 6571 6601 6597 6596 6598 6599 6600 6631 6626 6627 6628 6629 6630 6661 6656 6657 6659 6658 6660

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



Project Design Drawing Notes

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

Drawing Legend

- Proposed New Roads
- 33kV Underground Cable Route
- Blade Setdown
- Hardstand
- Turbine Foundation
- Turbine Sweep Area
- Cut
- Fill

N

PROJECT TITLE:
Maughanaclea Renewable Energy Development Co.Cork

DRAWING TITLE:
Turbine 3 Layout
Sheet 3 of 14

PROJECT No.:	DRAWING No.:	SCALE:
240225	240225 - 05.3	1:500 @ A3

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
KD	AC	25.03.2026	P01

OS SHEET No.:
6454 6455 6456 6457 6458 6459 6493 6494 6495 6496 6497 6498 6531 6533 6532 6534 6535 6536 6567 6566 6568 6569 6570 6571 6601 6597 6596 6598 6599 6600 6631 6626 6627 6628 6629 6630 6661 6656 6657 6659 6658 6660

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

Ordnance Survey Ireland Licence No. CYAL50267517© Ordnance Survey Ireland/Government of Ireland

Project Design Drawing Notes

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

Drawing Legend

- Proposed New Roads
- 33kV Underground Cable Route
- Blade Setdown
- Hardstand
- Turbine Foundation
- Turbine Sweep Area
- Cut
- Fill

196m
198m
200m
202m
204m
206m
208m
210m
212m
214m
216m
218m
220m
222m
224m
226m

+212mOD

13.5m
25m
44m
11.5m
19.5m
5m
27m
79.1m
36m
18.5m
12.5m
13.5m
12.5m
13.5m

T4
ITM 510753, 558366
Level - 212m O.D.

N

PROJECT TITLE:
Maughanaclea Renewable Energy Development Co.Cork

DRAWING TITLE:
Turbine 4 Layout
Sheet 4 of 14

PROJECT No.:	DRAWING No.:	SCALE:
240225	240225 - 05.4	1:500 @ A2

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
KD	AC	25.03.2026	P01

OS SHEET No.:
6454 6455 6456 6457 6458 6459 6493 6494 6495 6496 6497 6498 6531 6533 6532 6534 6535 6536 6567 6566 6568 6569 6570 6571 6601 6597 6596 6598 6599 6600 6631 6626 6627 6628 6629 6630 6661 6656 6657 6659 6658 6660

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

Ordnance Survey Ireland Licence No. CYAL50267517© Ordnance Survey Ireland/Government of Ireland

Project Design Drawing Notes

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

Drawing Legend

- Proposed New Roads
- 33kV Underground Cable Route
- Blade Setdown
- Hardstand
- Turbine Foundation
- Turbine Sweep Area
- Cut
- Fill

286m
288m
284m
282m
280m
278m
276m
274m
272m
270m
268m
266m
264m
262m
260m

+276mOD

25m
79.1m
36m
13.5m
11.5m
27m
13.5m
19.5m
44m
5m
18.5m
13.5m
12.5m

T5
ITM 511153, 558170
Level - 276m O.D.

N

PROJECT TITLE:
Maughanaclea Renewable Energy Development Co.Cork

DRAWING TITLE:
Turbine 5 Layout
Sheet 5 of 14

PROJECT No.:	DRAWING No.:	SCALE:
240225	240225 - 05.5	1:500 @ A2

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
KD	AC	25.03.2026	P01

OS SHEET No.:
6454 6455 6456 6457 6458 6459 6493 6494 6495 6496 6497 6498 6531 6533 6532 6534 6535 6536 6567 6566 6568 6569 6570 6571 6601 6597 6596 6598 6599 6600 6631 6626 6627 6628 6629 6630 6661 6656 6657 6659 6658 6660

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

Ordnance Survey Ireland Licence No. CYAL50267517© Ordnance Survey Ireland/Government of Ireland

Project Design Drawing Notes

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

Drawing Legend

- Proposed New Roads
- 33kV Underground Cable Route
- Enhancement Areas
- Blade Setdown
- Hardstand
- Turbine Foundation
- Turbine Sweep Area
- Cut
- Fill

246m
244m
242m
240m
238m
236m
234m
232m
230m
228m
226m
224m
222m
220m
218m
216m
214m
212m
210m
208m
206m
204m

T6
ITM 511548, 557969
Level - 220m O.D.

+220mOD

78.5m
36m
25m
13.5m
12.5m
13.5m
12.5m
11.6m
18.5m
19.5m
13.5m
5m
44m

N

PROJECT TITLE:
Maughanaclea Renewable Energy Development Co.Cork

DRAWING TITLE:
Turbine 6 Layout
Sheet 6 of 14

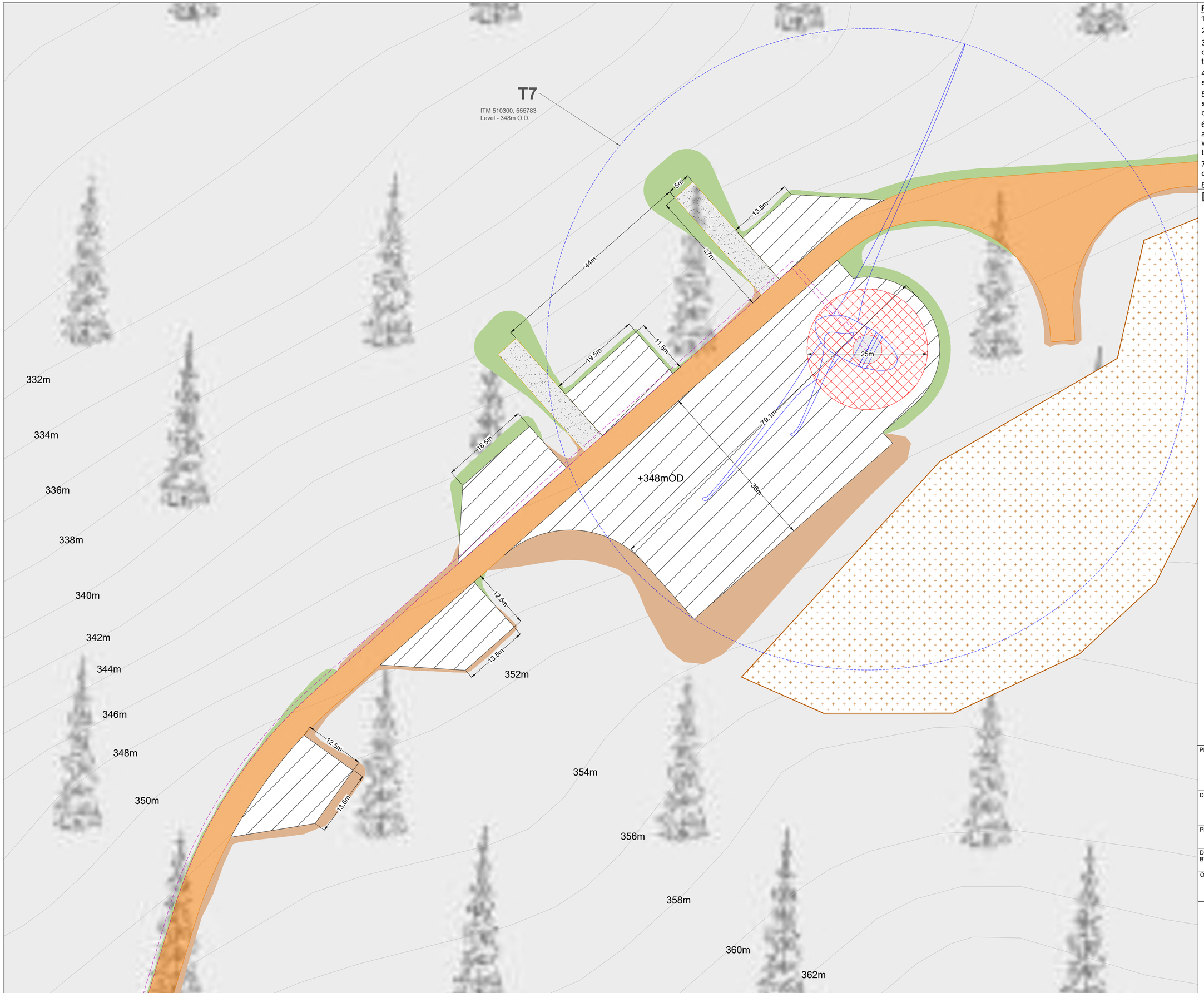
PROJECT No.:	DRAWING No.:	SCALE:
240225	240225 - 05.6	1:500 @ A2

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
KD	AC	24.03.2026	P01

OS SHEET No.:
6454 6455 6456 6457 6458 6459 6493 6494 6495 6496 6497 6498 6531 6533 6532 6534 6535 6536 6567 6566 6568 6569 6570 6571 6601 6597 6596 6598 6599 6600 6631 6626 6627 6628 6629 6630 6661 6656 6657 6659 6658 6660

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

Ordnance Survey Ireland Licence No. CYAL50267517© Ordnance Survey Ireland/Government of Ireland



Ordnance Survey Ireland Licence No. CYAL50267517© Ordnance Survey Ireland/Government of Ireland

Project Design Drawing Notes

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

Drawing Legend

- Proposed New Roads
- 33kV Underground Cable Route
- Peat and Spoil Management Areas
- Blade Setdown
- Hardstand
- Turbine Foundation
- Turbine Sweep Area
- Cut
- Fill

N

PROJECT TITLE:
Maughanaclea Renewable Energy Development Co.Cork

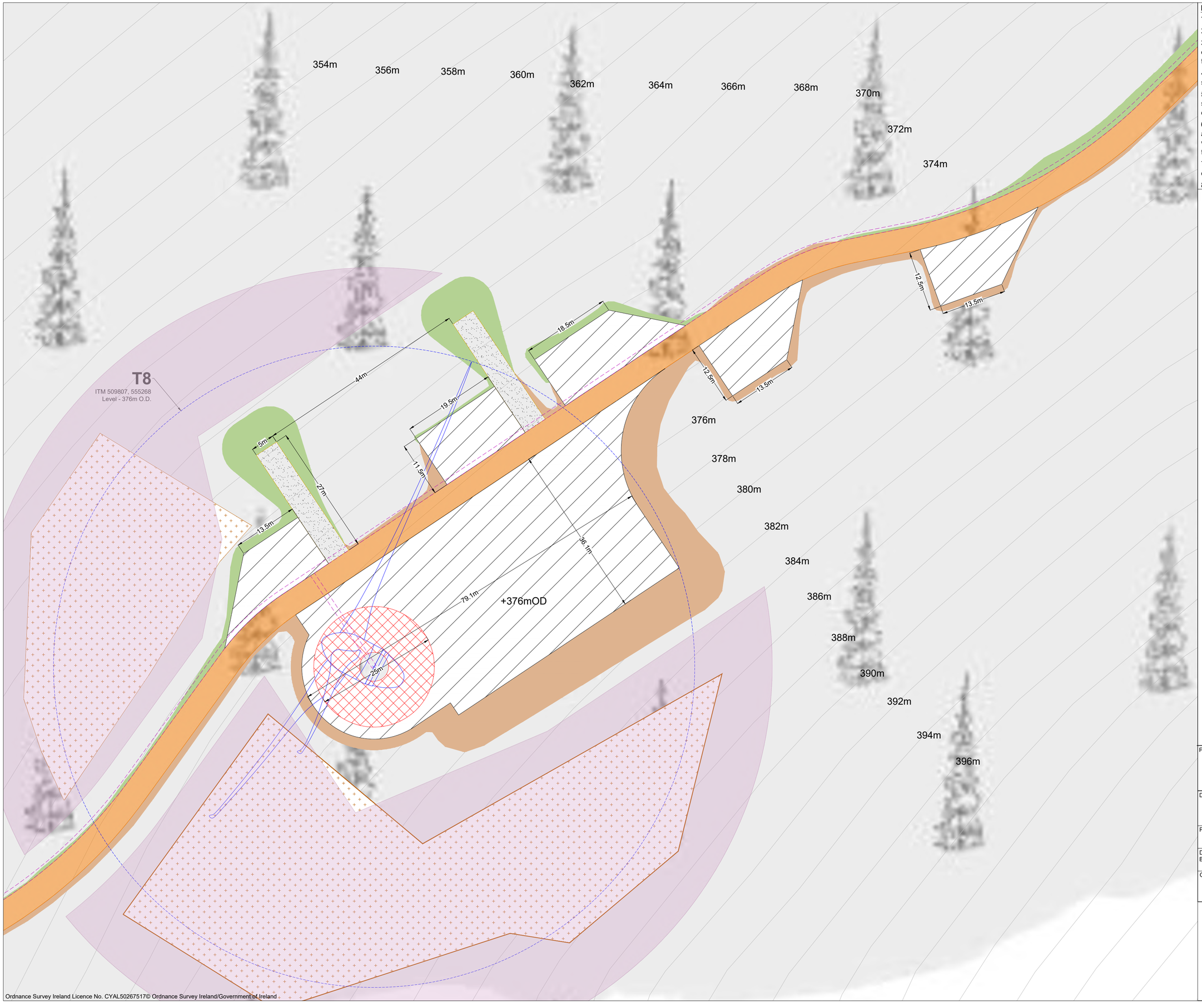
DRAWING TITLE:
Turbine 7 Layout
Sheet 7 of 14

PROJECT No.:	DRAWING No.:	SCALE:
240225	240225 - 05.7	1:500 @ A2

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
KD	AC	24.03.2026	P01

OS SHEET No.:
6454 6455 6456 6457 6458 6459 6493 6494 6495 6496 6497 6498 6531 6533 6532 6534 6535 6536 6567 6566 6568 6569 6570 6571 6601 6597 6596 6598 6599 6600 6631 6626 6627 6628 6629 6630 6661 6656 6657 6659 6658 6660

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



Ordnance Survey Ireland Licence No. CYAL50267517© Ordnance Survey Ireland/Government of Ireland

Project Design Drawing Notes

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

Drawing Legend

- Proposed New Roads
- 33kV Underground Cable Route
- Enhancement Areas
- Peat and Spoil Management Areas
- Blade Setdown
- Hardstand
- Turbine Foundation
- Turbine Sweep Area
- Cut
- Fill

N

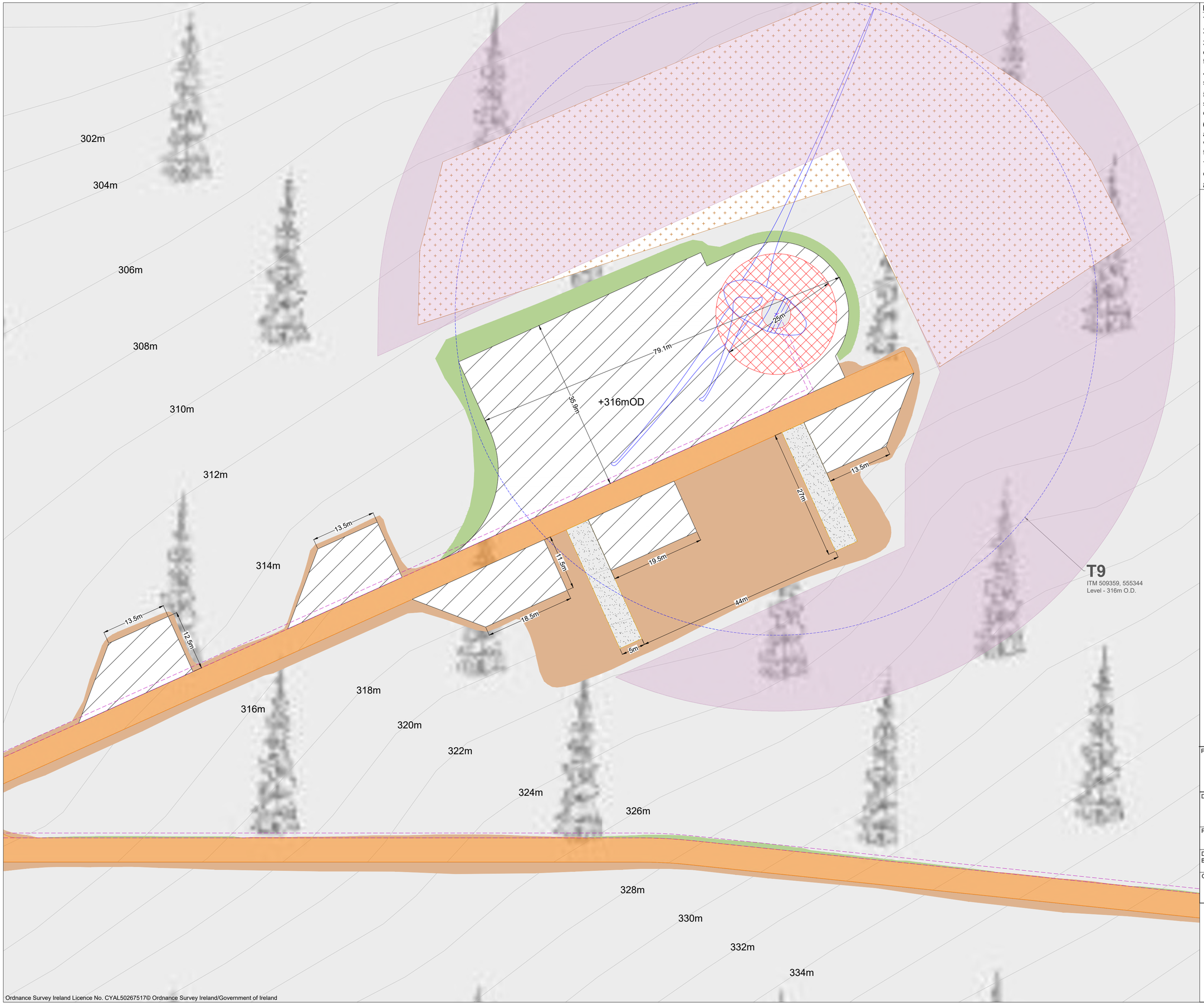
PROJECT TITLE:
Maughanaclea Renewable Energy Development Co.Cork

DRAWING TITLE:
Turbine 8 Layout
Sheet 8 of 14

PROJECT No.:		DRAWING No.:	SCALE:
240225		240225 - 05.8	1:500 @ A2
DRAWN BY: KD	CHECKED BY: AC	DATE: 24.03.2026	REVISION.: P01

OS SHEET No.:
6454 6455 6456 6457 6458 6459 6493 6494 6495 6496 6497 6498 6531 6533 6532 6534 6535 6536 6567 6566 6568 6569 6570 6571 6601 6597 6596 6598 6599 6600 6631 6626 6627 6628 6629 6630 6661 6656 6657 6659 6658 6660

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



Ordnance Survey Ireland Licence No. CYAL50267517© Ordnance Survey Ireland/Government of Ireland

Project Design Drawing Notes

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

Drawing Legend

- Proposed New Roads
- 33kV Underground Cable Route
- Enhancement Areas
- Peat and Spoil Management Areas
- Blade Setdown
- Hardstand
- Turbine Foundation
- Turbine Sweep Area
- Cut
- Fill

N

PROJECT TITLE:
Maughanaclea Renewable Energy Development Co.Cork

DRAWING TITLE:
Turbine 9 Layout
Sheet 9 of 14

PROJECT No.:	DRAWING No.:	SCALE:
240225	240225 - 05.9	1:500 @ A2

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
KD	AC	25.03.2026	P01

OS SHEET No.:
6454 6455 6456 6457 6458 6459 6493 6494 6495 6496 6497 6498 6531 6533 6532 6534 6535 6536 6567 6566 6568 6569 6570 6571 6601 6597 6596 6598 6599 6600 6631 6626 6627 6628 6629 6630 6661 6656 6657 6659 6658 6660

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

Project Design Drawing Notes

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

Drawing Legend

- Proposed New Roads
- 33kV Underground Cable Route
- Enhancement Areas
- Peat and Spoil Management Areas
- Blade Setdown
- Hardstand
- Turbine Foundation
- Turbine Sweep Area
- Cut
- Fill

+300mOD
78.9m
25m
36m
305m
60m
306m
304m
302m
13.5m
12.5m
11.5m
19.5m
18.5m
13.5m
27m
5m
44m
300m
298m
296m
For Site Office and Sta
Facilities Details Refe
to DWG 240225-16

T10
ITM 508872, 555280
Level - 300m O.D.

N

PROJECT TITLE:
Maughanaclea Renewable Energy Development Co.Cork

DRAWING TITLE:
Turbine 10 Layout
Sheet 10 of 14

PROJECT No.:	DRAWING No.:	SCALE:
240225	240225 - 05.10	1:500 @ A3

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
KD	AC	25.03.2026	P01

OS SHEET No.:
6454 6455 6456 6457 6458 6459 6493 6494 6495 6496 6497 6498 6531 6533 6532 6534 6535 6536 6567 6566 6568 6569 6570 6571 6601 6597 6596 6598 6599 6600 6631 6626 6627 6628 6629 6630 6661 6656 6657 6659 6658 6660

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

Ordnance Survey Ireland Licence No. CYAL50267517© Ordnance Survey Ireland/Government of Ireland

T11
ITM 508449, 555395
Level - 290m O.D.

25m
78.9m
+290mOD
36.3m
13.5m
27m
.5m
11.5m
19.5m
44m
18.5m
12.5m
13.5m
12.5m
13.5m

272m
274m
276m
278m
280m
282m
284m
286m
288m
290m
292m
294m
296m
298m
300m
302m
304m
306m
308m

Ordnance Survey Ireland Licence No. CYAL50267517© Ordnance Survey Ireland/Government of Ireland

Project Design Drawing Notes

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

Drawing Legend

- Proposed New Roads
- 33kV Underground Cable Route
- Blade Setdown
- Hardstand
- Turbine Foundation
- Turbine Sweep Area
- Cut
- Fill

N

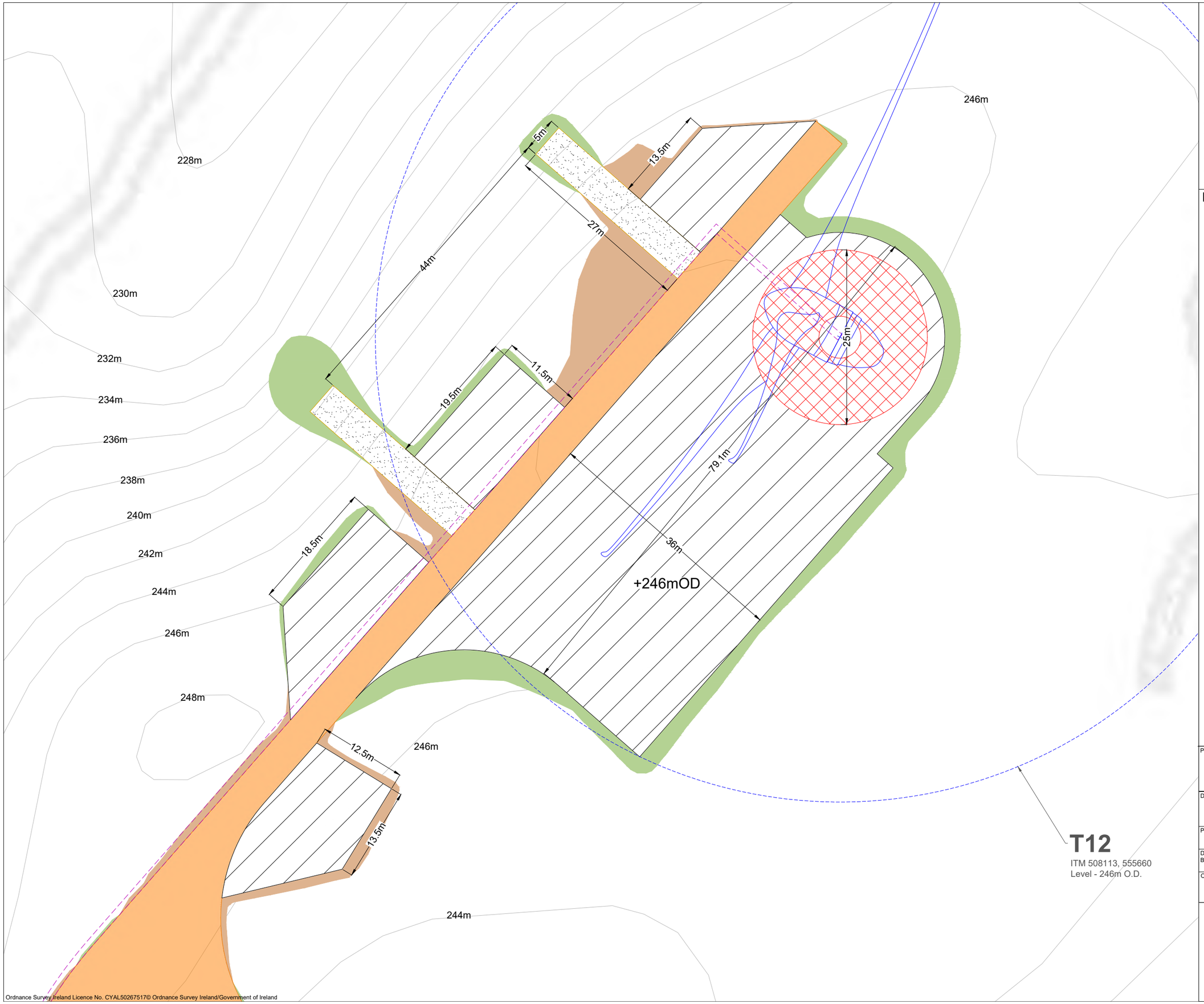
PROJECT TITLE:
Maughanaclea Renewable Energy Development Co.Cork

DRAWING TITLE:
Turbine 11 Layout
Sheet 11 of 14

PROJECT No.:		DRAWING No.:	SCALE:
240225		240225 - 05.11	1:500 @ A2
DRAWN BY: KD	CHECKED BY: AC	DATE: 25.03.2026	REVISION.: P01

OS SHEET No.:
6454 6455 6456 6457 6458 6459 6493 6494 6495 6496 6497 6498 6531 6533 6532 6534 6535 6536 6567 6566 6568 6569 6570 6571 6601 6597 6596 6598 6599 6600 6631 6626 6627 6628 6629 6630 6661 6656 6657 6659 6658 6660

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



Ordnance Survey Ireland Licence No. CYAL50267517© Ordnance Survey Ireland/Government of Ireland

Project Design Drawing Notes

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

Drawing Legend

- Proposed New Roads
- 33kV Underground Cable Route
- Blade Setdown
- Hardstand
- Turbine Foundation
- Turbine Sweep Area
- Cut
- Fill

N

PROJECT TITLE:
Maughanaclea Renewable Energy Development Co.Cork

DRAWING TITLE:
Turbine 12 Layout
Sheet 12 of 14

PROJECT No.:	DRAWING No.:	SCALE:
240225	240225 - 05.12	1:500 @ A3

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
KD	AC	25.03.2026	P01

OS SHEET No.:
6454 6455 6456 6457 6458 6459 6493 6494 6495 6496 6497 6498 6531 6533 6532 6534 6535 6536 6567 6566 6568 6569 6570 6571 6601 6597 6596 6598 6599 6600 6631 6626 6627 6628 6629 6630 6661 6656 6657 6659 6658 6660

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



Ordnance Survey Ireland Licence No. CYAL50267517© Ordnance Survey Ireland/Government of Ireland

Project Design Drawing Notes

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

Drawing Legend

- Proposed New Roads
- 33kV Underground Cable Route
- Blade Setdown
- Hardstand
- Turbine Foundation
- Turbine Sweep Area
- Cut
- Fill

N

PROJECT TITLE:
Maughanaclea Renewable Energy Development Co.Cork

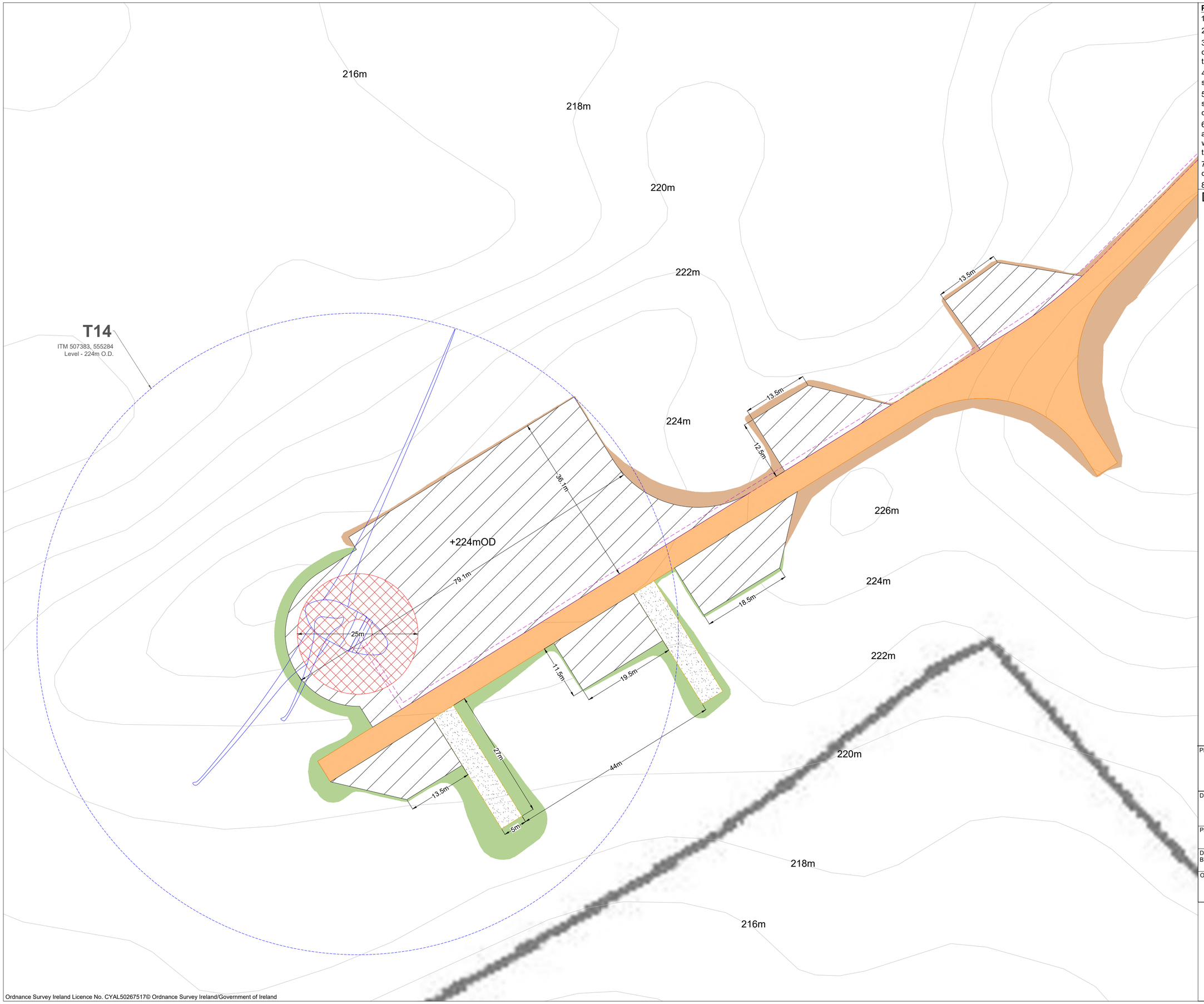
DRAWING TITLE:
Turbine 13 Layout
Sheet 13 of 14

PROJECT No.:	DRAWING No.:	SCALE:
240225	240225 - 05.13	1:500 @ A2

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
KD	AC	25.03.2026	P01

OS SHEET No.:
6454 6455 6456 6457 6458 6459 6493 6494 6495 6496 6497 6498 6531 6533 6532 6534 6535 6536 6567 6566 6568 6569 6570 6571 6601 6597 6596 6598 6599 6600 6631 6626 6627 6628 6629 6630 6661 6656 6657 6659 6658 6660

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



Ordnance Survey Ireland Licence No. CYAL50267517© Ordnance Survey Ireland/Government of Ireland

Project Design Drawing Notes

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

Drawing Legend

- Proposed New Roads
- 33kV Underground Cable Route
- Blade Setdown
- Hardstand
- Turbine Foundation
- Turbine Sweep Area
- Cut
- Fill

N

PROJECT TITLE:
Maughanaclea Renewable Energy Development Co.Cork

DRAWING TITLE:
Turbine 14 Layout
Sheet 14 of 14

PROJECT No.:		DRAWING No.:	SCALE:
240225		240225 - 05.14	1:500 @ A2
DRAWN BY: KD	CHECKED BY: AC	DATE: 25.03.2026	REVISION.: P01

OS SHEET No.:
6454 6455 6456 6457 6458 6459 6493 6494 6495 6496 6497 6498 6531 6533 6532 6534 6535 6536 6567 6566 6568 6569 6570 6571 6601 6597 6596 6598 6599 6600 6631 6626 6627 6628 6629 6630 6661 6656 6657 6659 6658 6660

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

Project Design Drawing Notes

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

Drawing Legend

- Planning Application Boundary
- Felling Areas

N

PROJECT TITLE:

Maughanaclea Renewable Energy Development Co.Cork

DRAWING TITLE:

Felling Area Plan

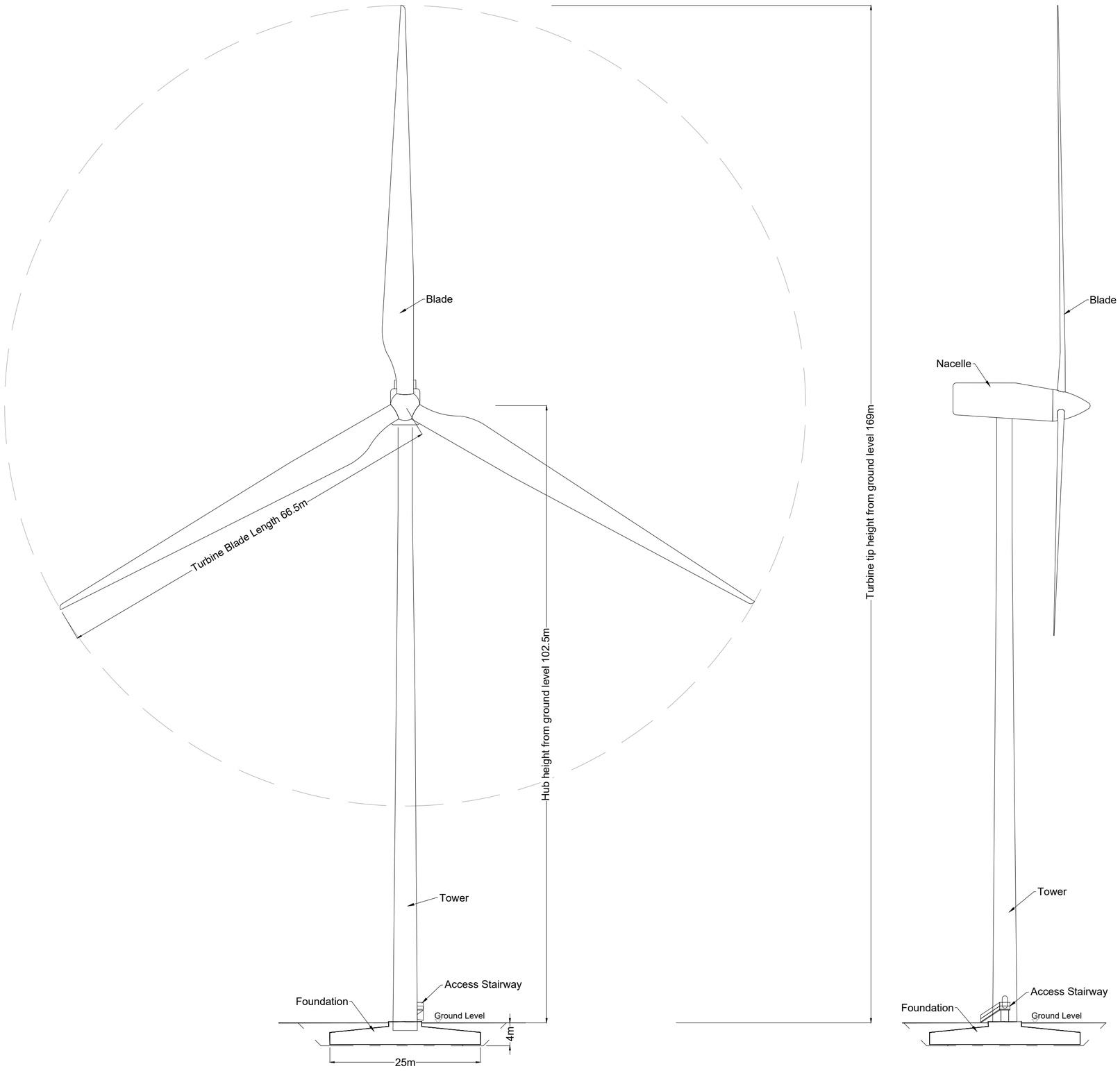
PROJECT No.:		DRAWING No.:	SCALE:
240225		240225 - 06	1:15,000 @ A2
DRAWN BY: KD	CHECKED BY: AC	DATE: 25.03.2026	REVISION.: P01

OS SHEET No.:

6454 6455 6456 6457 6458 6459 6493 6494 6495 6496 6497 6498 6531 6533 6532 6534 6535 6536 6567 6566 6568 6569 6570 6571 6601 6597 6596 6598 6599 6600 6631 6626 6627 6628 6629 6630 6661 6656 6657 6659 6658 6660

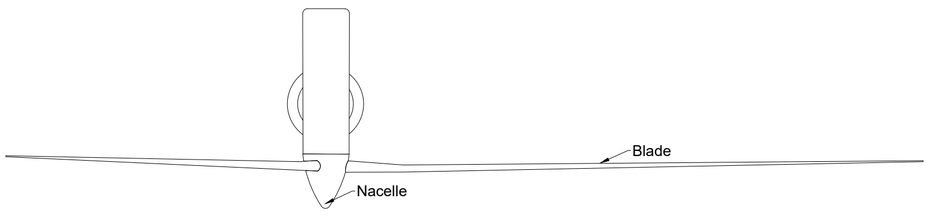
Email: info@www.mkoireland.ie /Website: www.mkoireland.ie

Ordnance Survey Ireland Licence No. CYAL50267517© Ordnance Survey Ireland/Government of Ireland



Front/Sectional Elevation

Side/Section Elevation



Plan

Drawing Notes

1. Proposed wind turbines to have a ground to blade tip height of 169m, blade length of 66.5m and hub height of 102.5m

2. Ground level represents the top of turbine foundation.

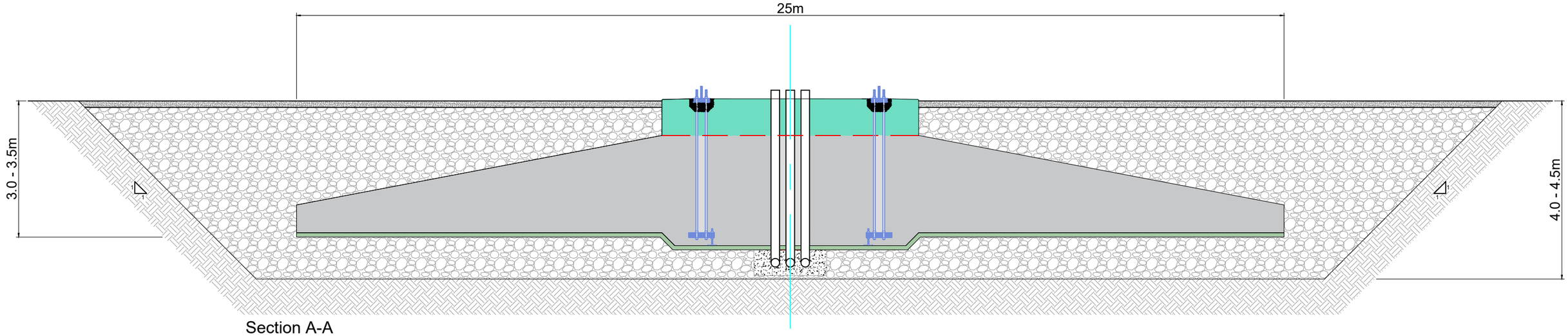
PROJECT TITLE:
Maughanaclea Renewable Energy Development Co.Cork

DRAWING TITLE:
Wind Turbine Elevations and Plan

PROJECT No.:	DRAWING No.:	SCALE:
240225	240225-07	1:500 @ A1

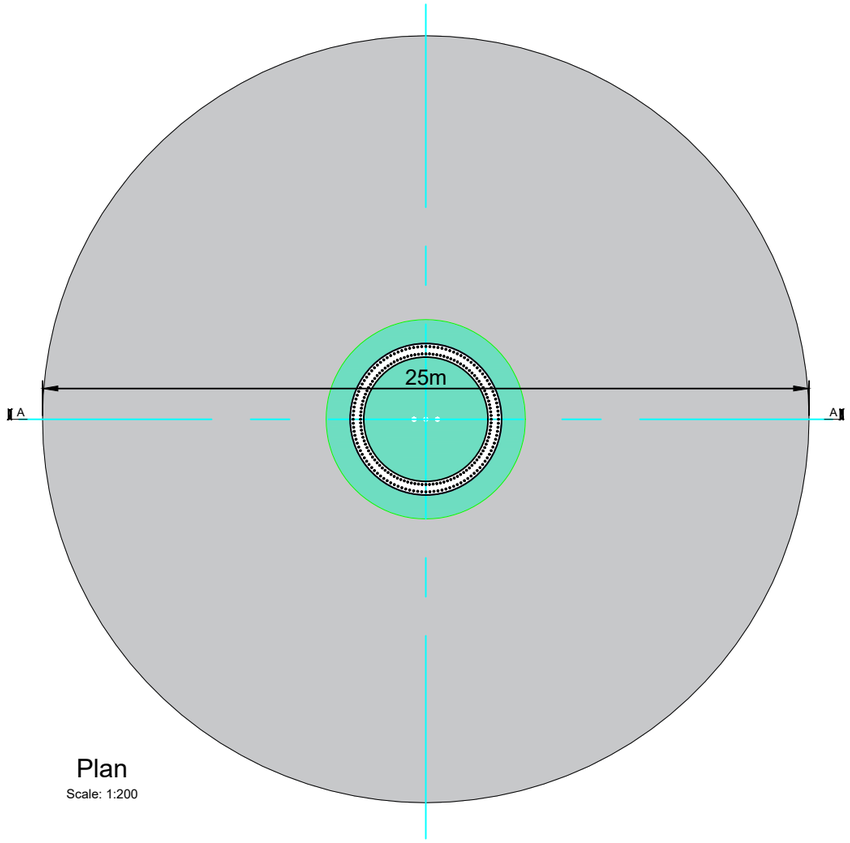
DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
KD	AC	25.03.2026	P01

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



Section A-A

Scale 1:100



Plan

Scale: 1:200

PROJECT TITLE: **Maughanaclea Renewable Energy Development Co.Cork**			
DRAWING TITLE: **Gravity Foundation Details**			
PROJECT No.: **240225**	DRAWING No.: **240225-08**		SCALE: **As shown @ A3**
DRAWN BY: **KD**	CHECKED BY: **AC**	DATE: **25.03.2026**	REVISION.: P01

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

210m

208m

60m

206m

Temporary Construction Compound

206m

Turbine Component / Material Storage
Temporary Parking Area

206m

Staff & Visitor Car Parking

40m

Site Offices & Staff Welfare Facilities

204m

For Site Office and Staff Facilities Details Refer to DWG 240225-16

202m

Ordnance Survey Ireland Licence No. CYAL50267517© Ordnance Survey Ireland/Government of Ireland

Project Design Drawing Notes

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

Drawing Legend

- Proposed New Roads
- Cut
- Fill

N

PROJECT TITLE:
Maughanaclea Renewable Energy Development Co.Cork

DRAWING TITLE:
Temporary Construction Compound 1

PROJECT No.:	DRAWING No.:	SCALE:
240225	240225 - 09	1:250 @ A3

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
KD	AC	25.03.2026	P01

OS SHEET No.:
6454 6455 6456 6457 6458 6459 6493 6494 6495 6496 6497 6498 6531 6533 6532 6534 6535 6536 6567 6566 6568 6569 6570 6571 6601 6597 6596 6598 6599 6600 6631 6626 6627 6628 6629 6630 6661 6656 6657 6659 6658 6660

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



Ordnance Survey Ireland Licence No. CYAL50267517© Ordnance Survey Ireland/Government of Ireland

Project Design Drawing Notes

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

Drawing Legend

- Existing Roads to be Upgraded
- Proposed New Roads
- 33kV Underground Cable Route
- Enhancement Areas
- 110kV Underground Cabling Trench
- Cut
- Fill

N

PROJECT TITLE:
Maughanaclea Renewable Energy Development Co.Cork

DRAWING TITLE:
Temporary Construction Compound 2

PROJECT No.:	DRAWING No.:	SCALE:
240225	240225 - 10	1:500 @ A3

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
KD	AC	25.03.2026	P01

OS SHEET No.:
6454 6455 6456 6457 6458 6459 6493 6494 6495 6496 6497 6498 6531 6533 6532 6534 6535 6536 6567 6566 6568 6569 6570 6571 6601 6597 6596 6598 6599 6600 6631 6626 6627 6628 6629 6630 6661 6656 6657 6659 6658 6660

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



Project Design Drawing Notes

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

Drawing Legend

- Existing Roads to be Upgraded
- Proposed New Roads
- 33kV Underground Cable Route
- Enhancement Areas
- Peat and Spoil Management Areas
- Hardstand
- Cut
- Fill

N

PROJECT TITLE:
Maughanaclea Renewable Energy Development Co.Cork

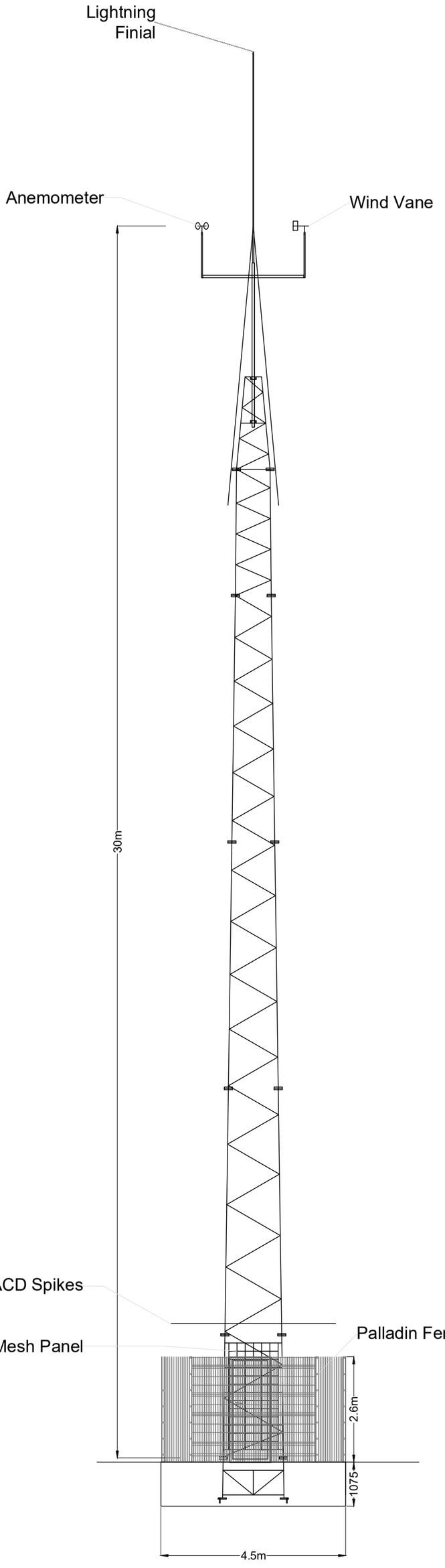
DRAWING TITLE:
Temporary Construction Compound 3

PROJECT No.:	DRAWING No.:	SCALE:
240225	240225 - 11	1:500 @ A3

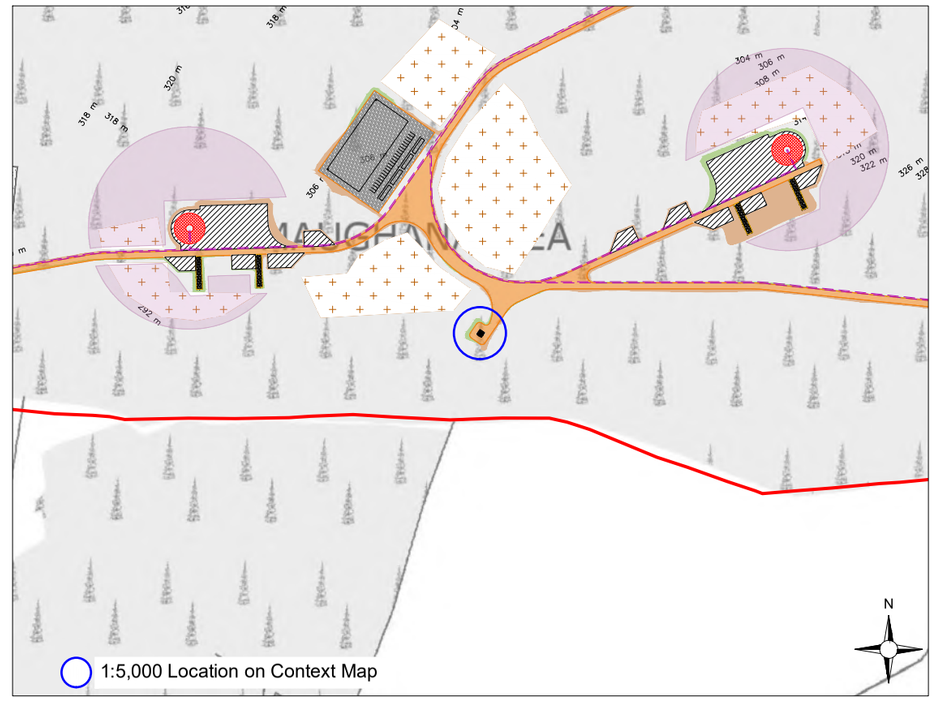
DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
KD	AC	24.03.2026	P01

OS SHEET No.:
6454 6455 6456 6457 6458 6459 6493 6494 6495 6496 6497 6498 6531 6533 6532 6534 6535 6536 6567 6566 6568 6569 6570 6571 6601 6597 6596 6598 6599 6600 6631 6626 6627 6628 6629 6630 6661 6656 6657 6659 6658 6660

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



Mast Elevation
Scale: 1:100





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

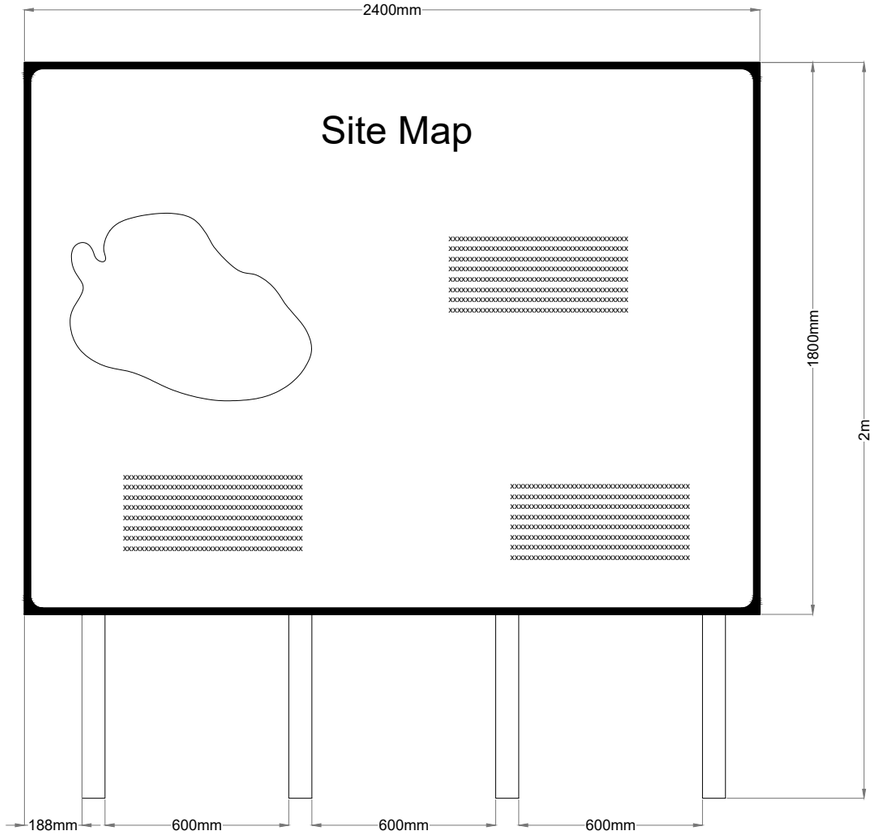
PROJECT TITLE:
Maughanaclea Renewable Energy Development Co.Cork

DRAWING TITLE:
Metrological Mast

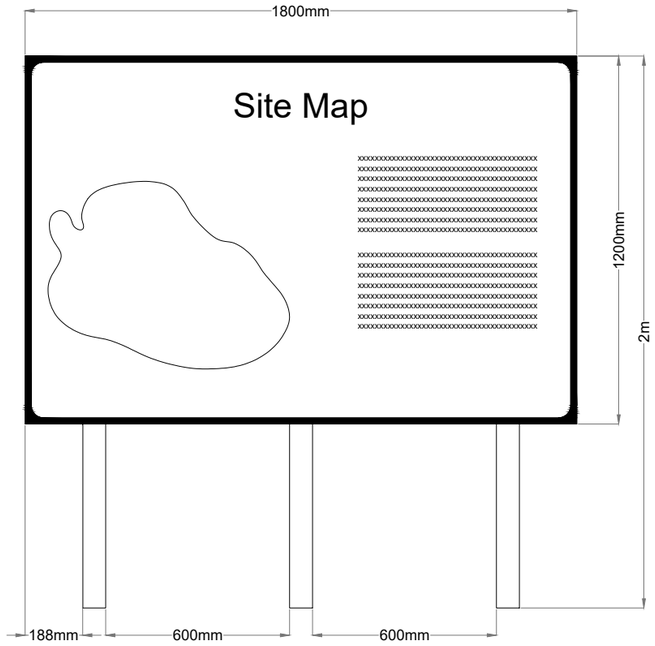
PROJECT No.:	DRAWING No.:	SCALE:
240225	240225 - 12	As shown @ A3
DRAWN BY: KD / CHECKED BY: AC	DATE: 24.03.2026	REVISION.: P01

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

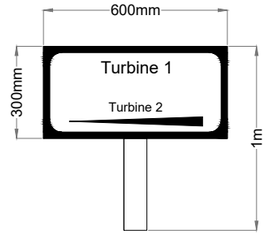
Note
For illustrative purposes only
exact details to be confirmed



Signage Type A - Waypoint Map Signage



Signage Type B -Entry Point Signage

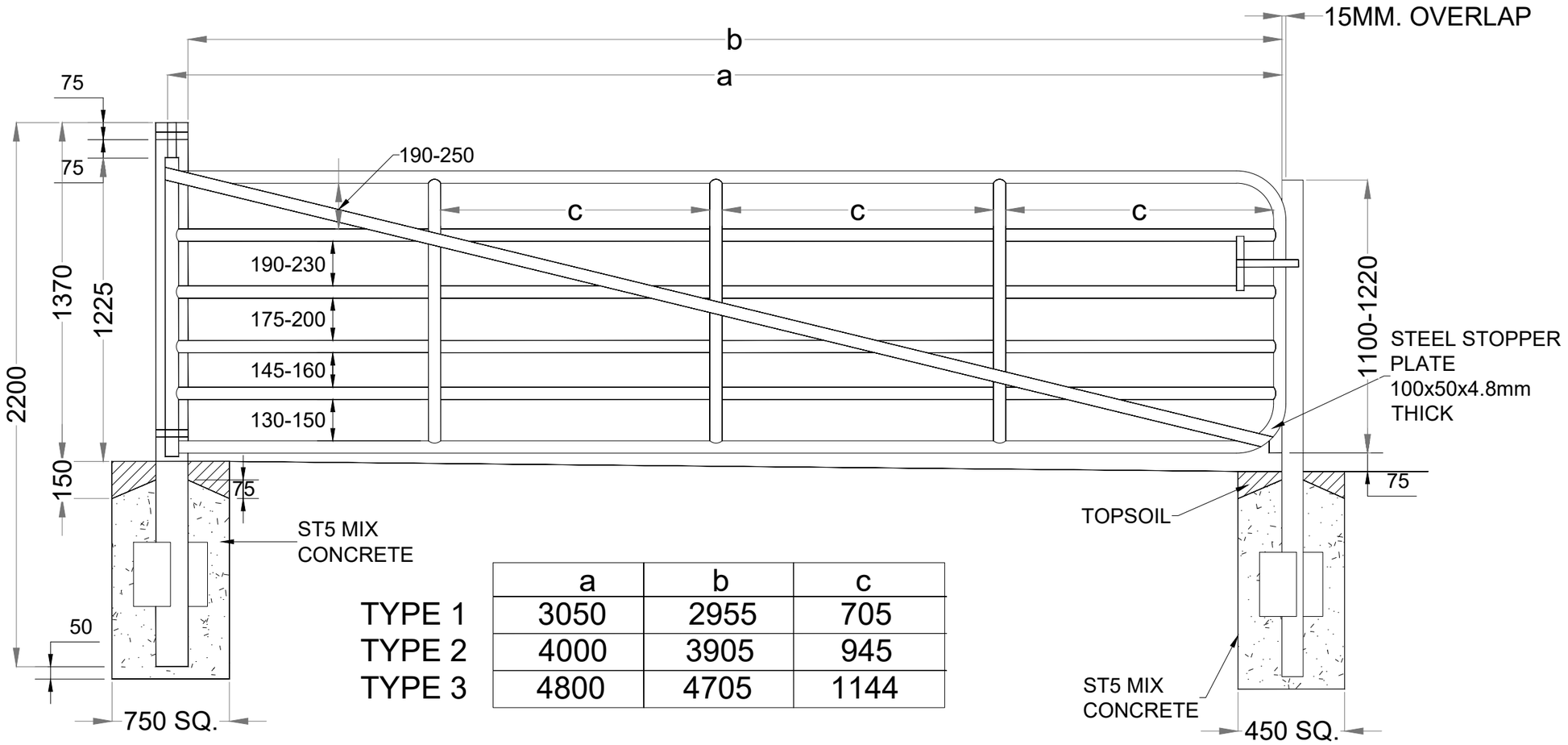


Signage Type C - Way Point Direction Signage

PROJECT TITLE: **Maughanaclea Renewable Energy Development Co.Cork**			
DRAWING TITLE: **Signage Detail**			
PROJECT No.: **240225**		DRAWING No.: **240225-13**	SCALE: **1:20 @ A3**
DRAWN BY: **KD**	CHECKED BY: **AC**	DATE: **25.03.2026**	REVISION.: P01

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

All DIMENSIONS IN mm
UNLESS OTHERWISE NOTED



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

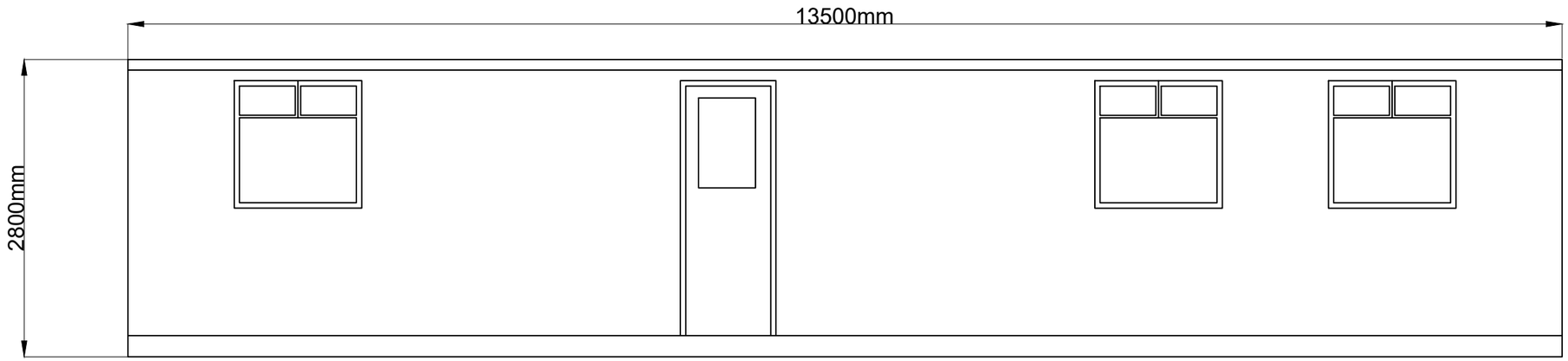
PROJECT TITLE:
Maughanaclea Renewable Energy Development Co.Cork

DRAWING TITLE:
Field Gate Detail

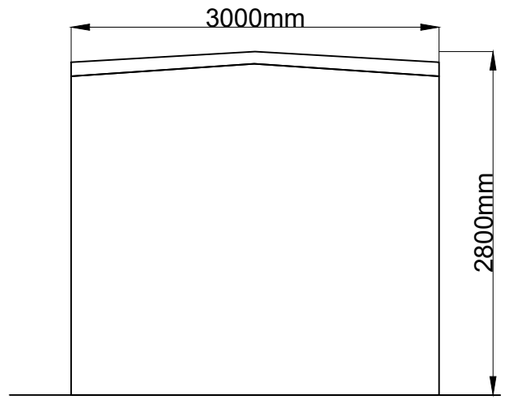
PROJECT No.:	DRAWING No.:	SCALE:
240225	240225-14	1:20 @ A3

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
KD	AC	25.03.2026	P01

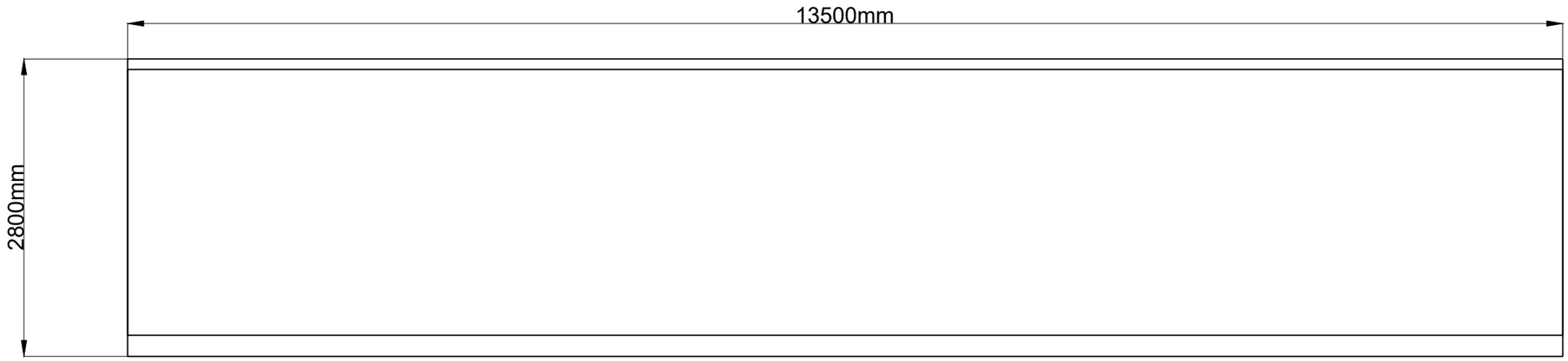
Email: info@www.mkoireland.ie /Website: www.mkoireland.ie



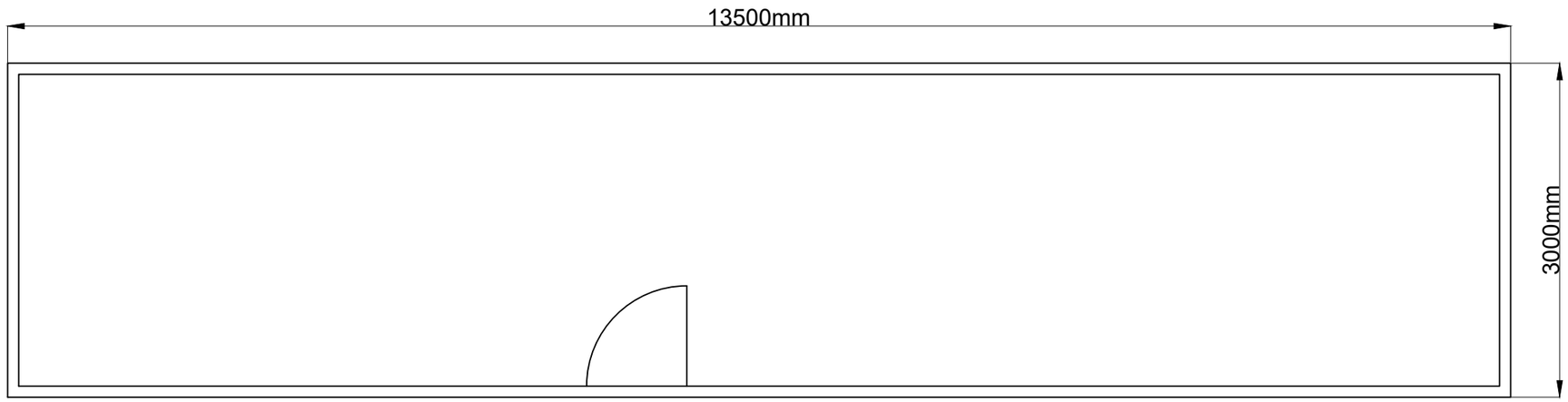
FRONT ELEVATION



SIDE ELEVATION



REAR ELEVATION



PLAN VIEW

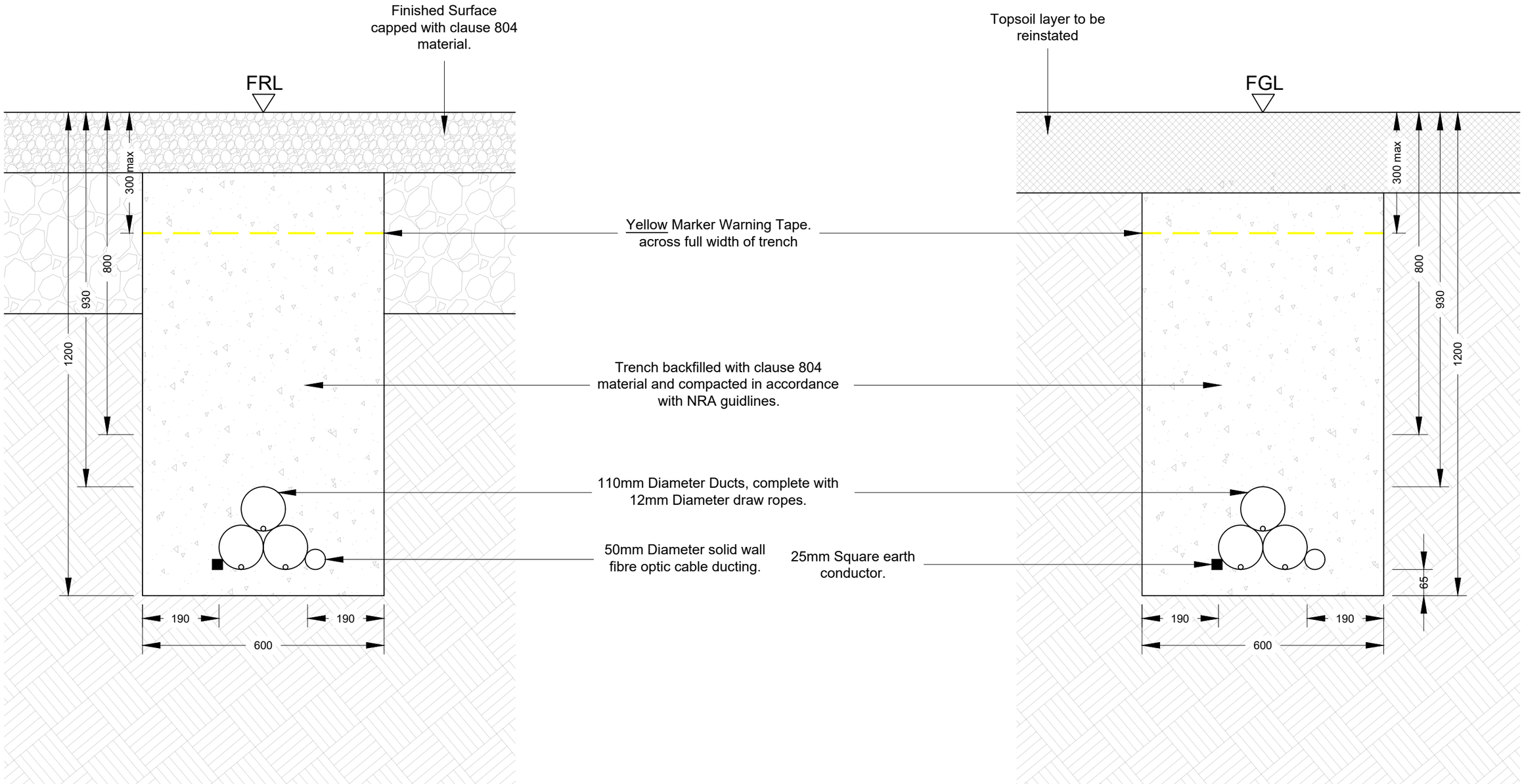
PROJECT TITLE:
Maughanaclea Renewable Energy Development Co.Cork

DRAWING TITLE:
Site Office & Staff Facilities Detail

PROJECT No.:	DRAWING No.:	SCALE:
240225	240225-15	1:50 @ A3

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
KD	AC	24.03.2026	P01

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

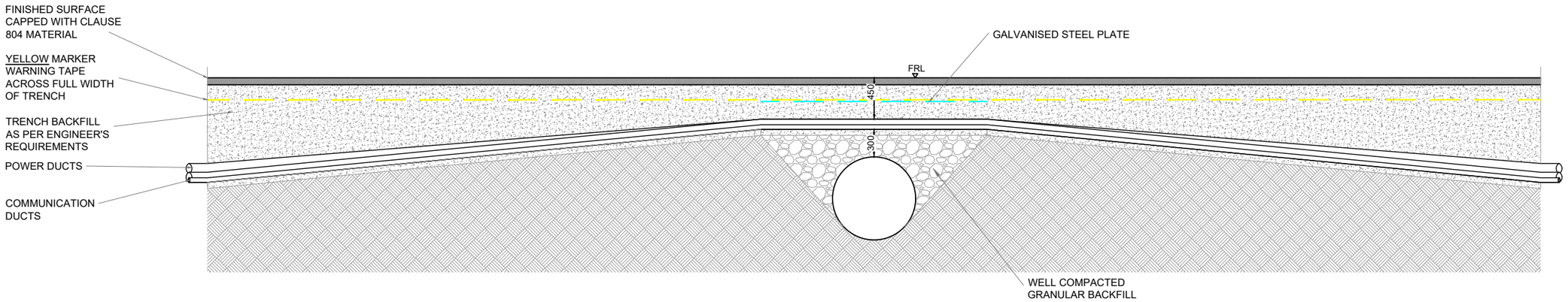


33kV Cable - On Road Trench Detail - Cross Section

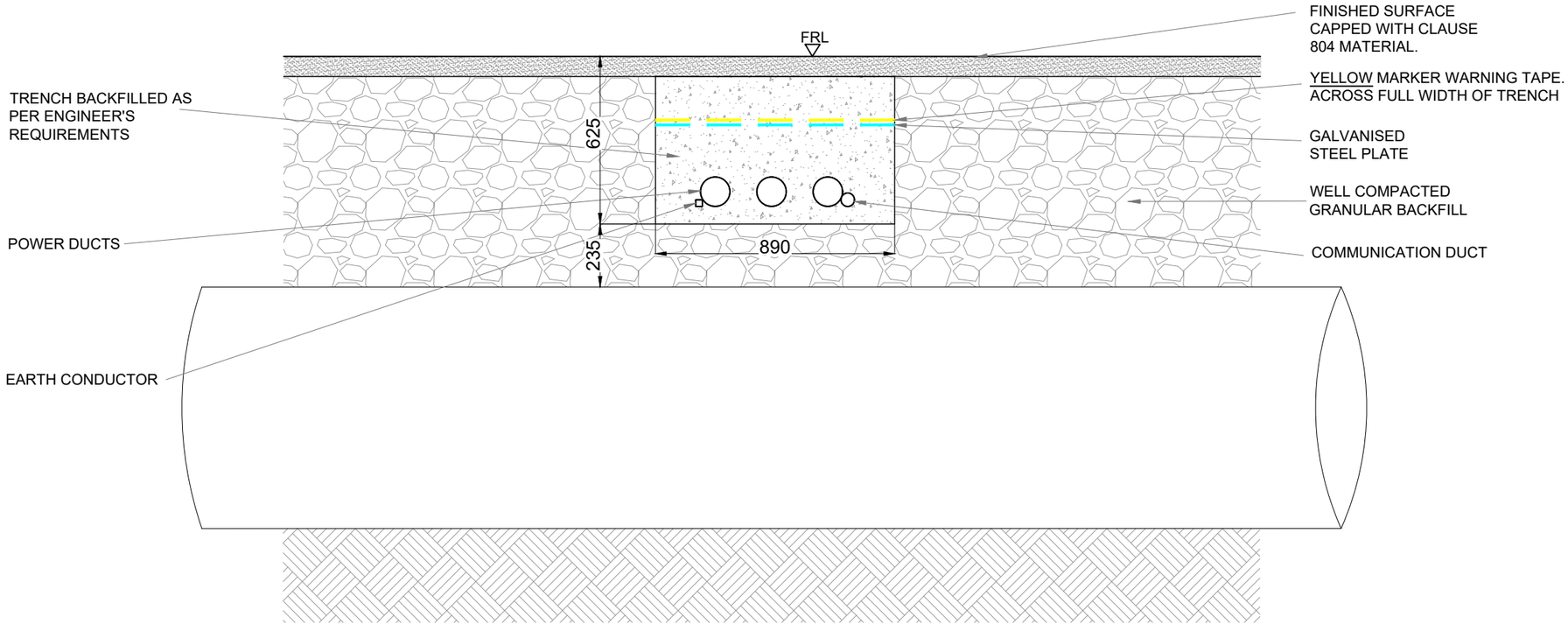
33kV Cable - Off Road Trench Detail - Cross Section

PROJECT TITLE: Maughanaclea Renewable Energy Development Co.Cork			
DRAWING TITLE: 33kV Cable Trench Sections			
PROJECT No.: 240225		DRAWING No.: 240225-16	SCALE: 1: 10 @ A3
DRAWN BY: KD	CHECKED BY: AC	DATE: 25.03.2026	REVISION.: P01

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



Culvert Crossing - Longitudinal Section
SCALE 1:50



Culvert Crossing - Cross Section
SCALE 1:20

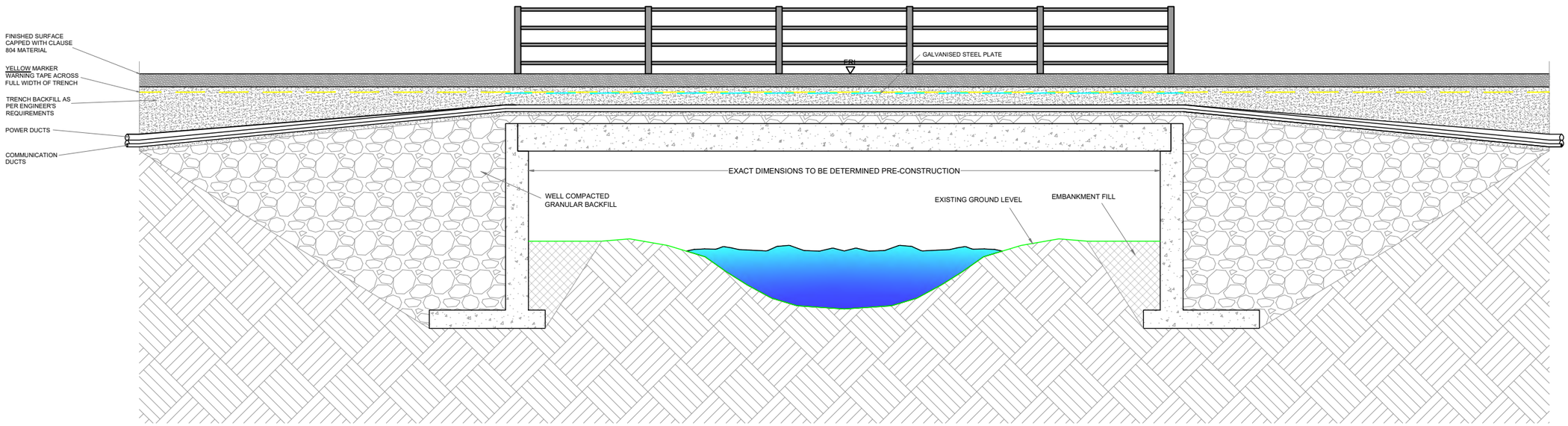
PROJECT TITLE:
Maughanaclea Renewable Energy Development Co.Cork

DRAWING TITLE:
Standard 33kV Culvert Crossing

PROJECT No.:	DRAWING No.:	SCALE:
240225	240225-17	As Shown @ A3

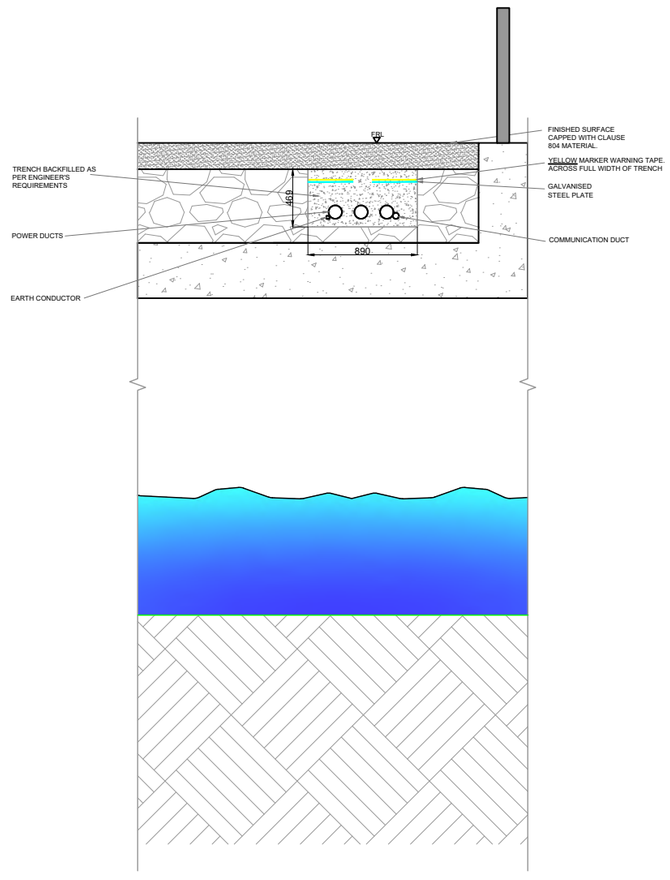
DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
KD	AC	24.03.2026	P01

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



Clear Span Watercourse Crossing - Longitudinal Section

SCALE: 1:75



Clear Span Watercourse Crossing - Cross Section

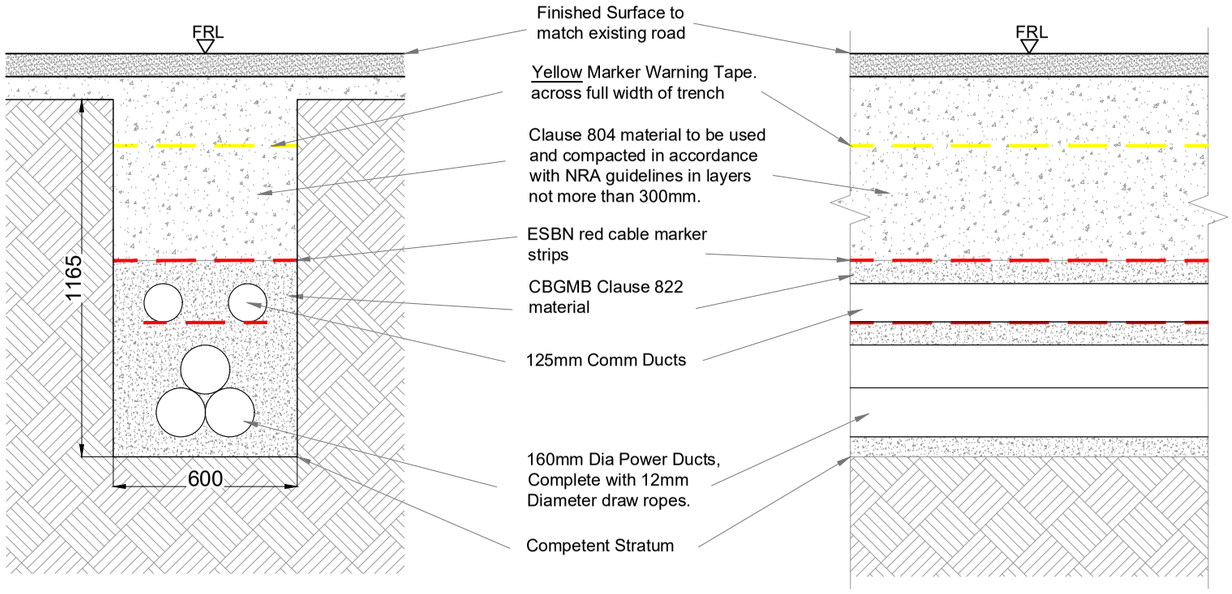
SCALE: 1:50

PROJECT TITLE:
Maughanaclea Renewable Energy Development Co.Cork

DRAWING TITLE:
Standard 33kV Clear Span Watercourse Crossing

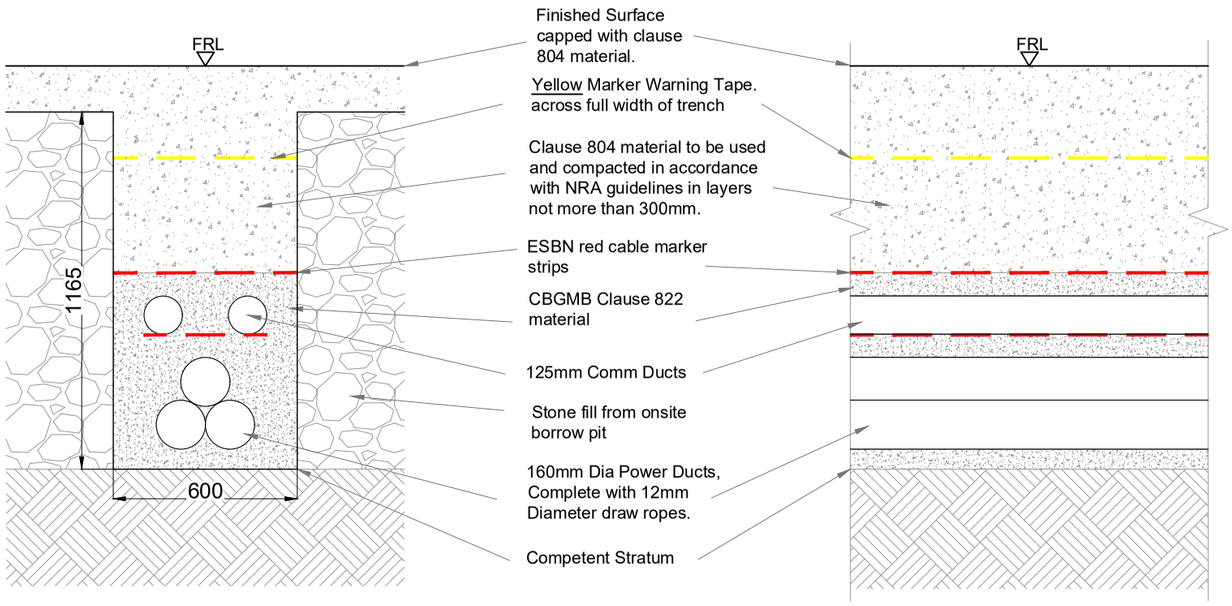
PROJECT No.:		DRAWING No.:	SCALE:
240225		**240225-18**	**As Shown @ A3**
DRAWN BY: **KD**	CHECKED BY: **AC**	DATE: **25.03.2026**	REVISION.: P01

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



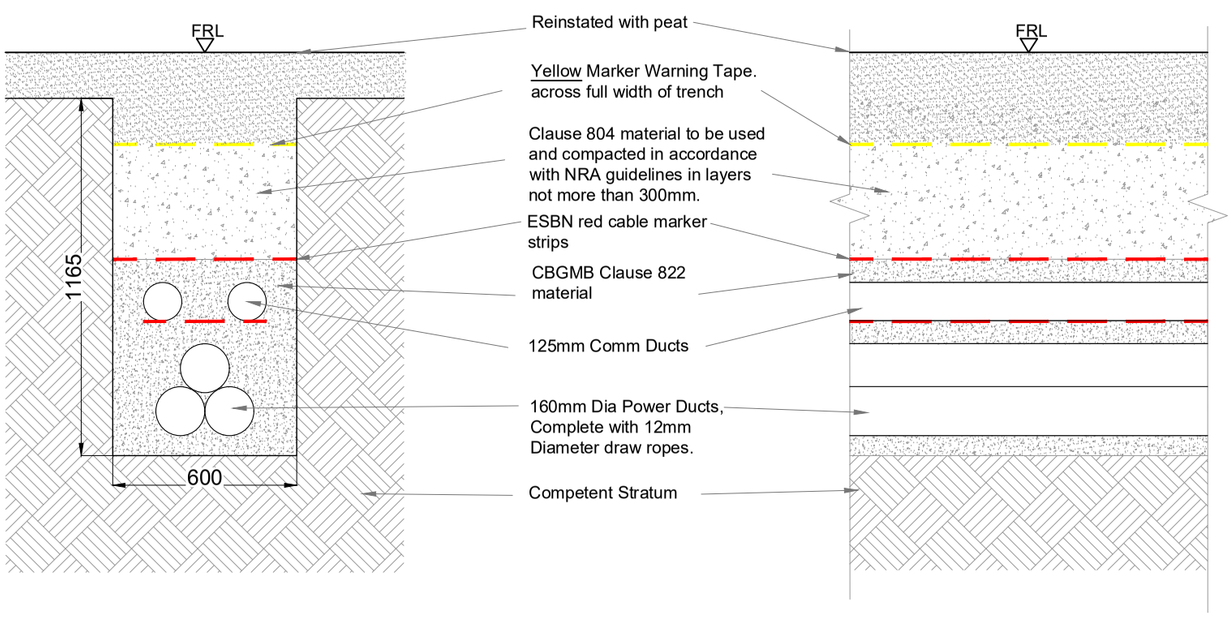
Option A - Standard Cross Section - 110kV

SCALE 1:20



Option A - Standard Cross Section - 110kV

SCALE 1:20



Option A - Standard Cross Section - 110kV

SCALE 1:20

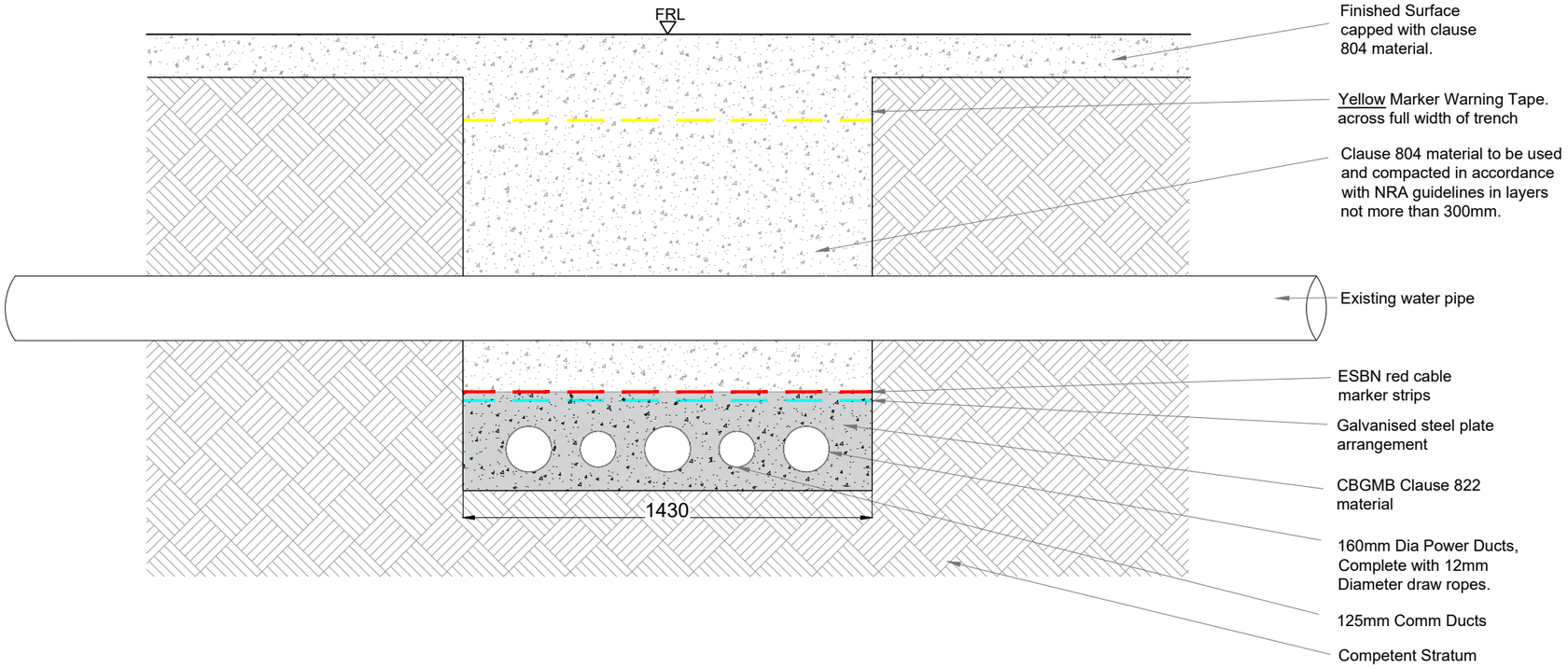
PROJECT TITLE:
Maughanaclea Renewable Energy Development Co.Cork

DRAWING TITLE:
Option A - Standard 110kV Trench Detail In Road

PROJECT No.:	DRAWING No.:	SCALE:
240225	240225-19	As Shown @ A3

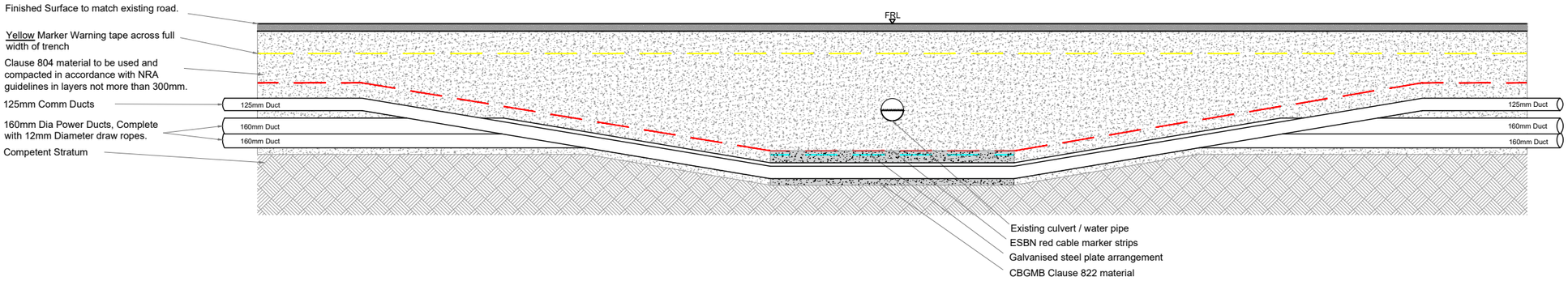
DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
KD	AC	24.03.2026	P01

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



Option B - Flat Bed Under Existing Pipe - 110kV

SCALE 1:20



Option B - Flat Bed Under Existing Pipe - 110kV

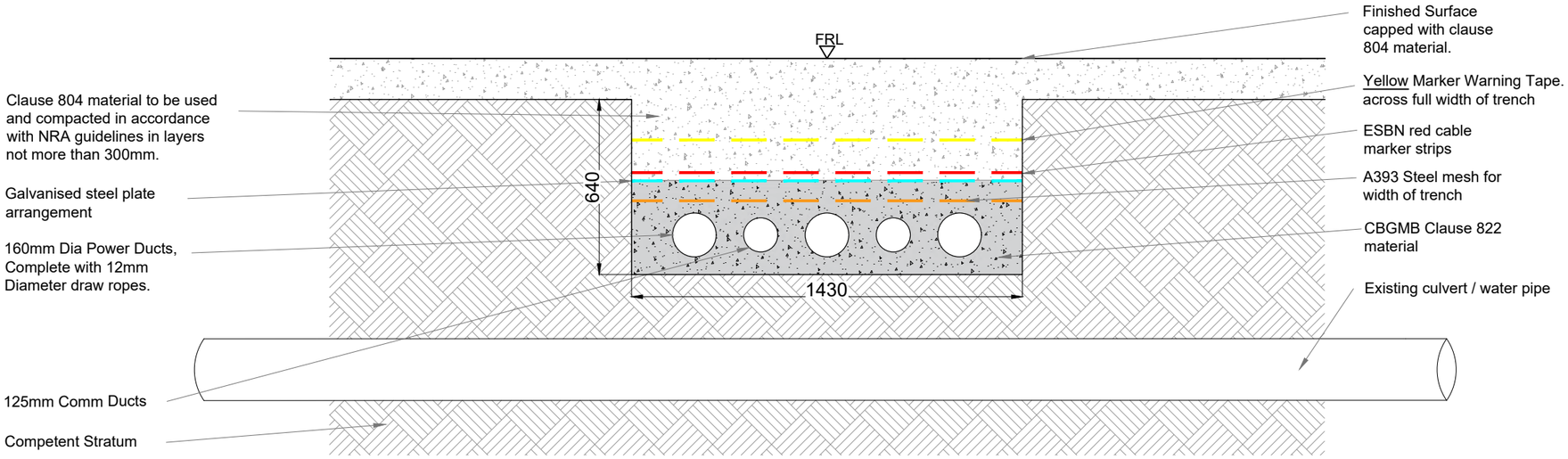
SCALE 1:50

PROJECT TITLE:
Maughanaclea Renewable Energy Development Co.Cork

DRAWING TITLE:
Option B - Flat bed under existing pipe - 110kV

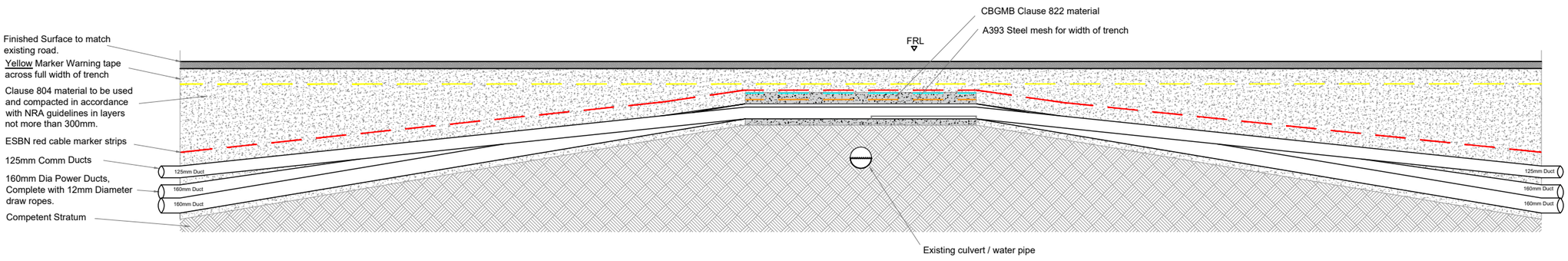
PROJECT No.:		DRAWING No.:	SCALE:
240225		240225-20	As Shown @ A3
DRAWN BY: KD	CHECKED BY: AC	DATE: 25.03.2026	REVISION.: P01

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



Option C - Flat Bed Over Existing Pipe - 110kV

SCALE 1:20



Option C - Flat Bed Over Existing Pipe - 110kV

SCALE 1:50

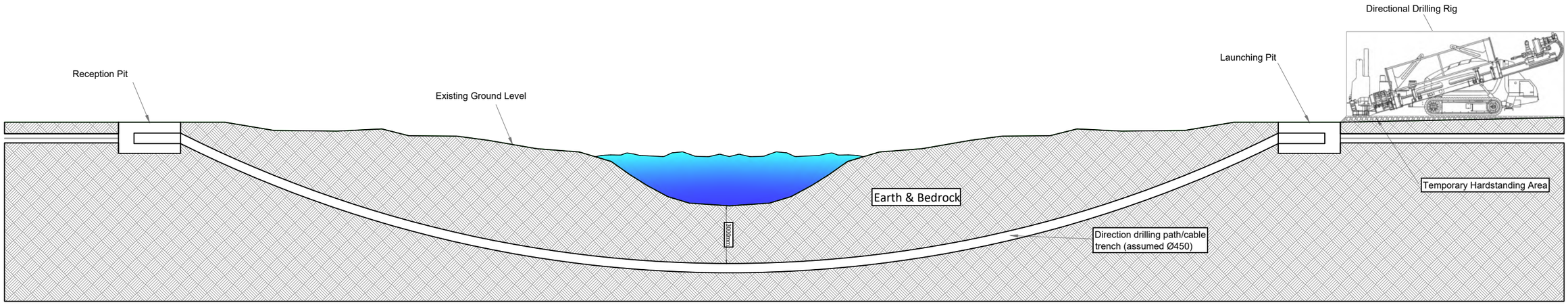
PROJECT TITLE:
Maughanaclea Renewable Energy Development Co.Cork

DRAWING TITLE:
Option C - Flat bed over existing pipe - 110kV

PROJECT No.:	DRAWING No.:	SCALE:
240225	240225-21	As Shown @ A3

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
KD	AC	25.03.2026	P01

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



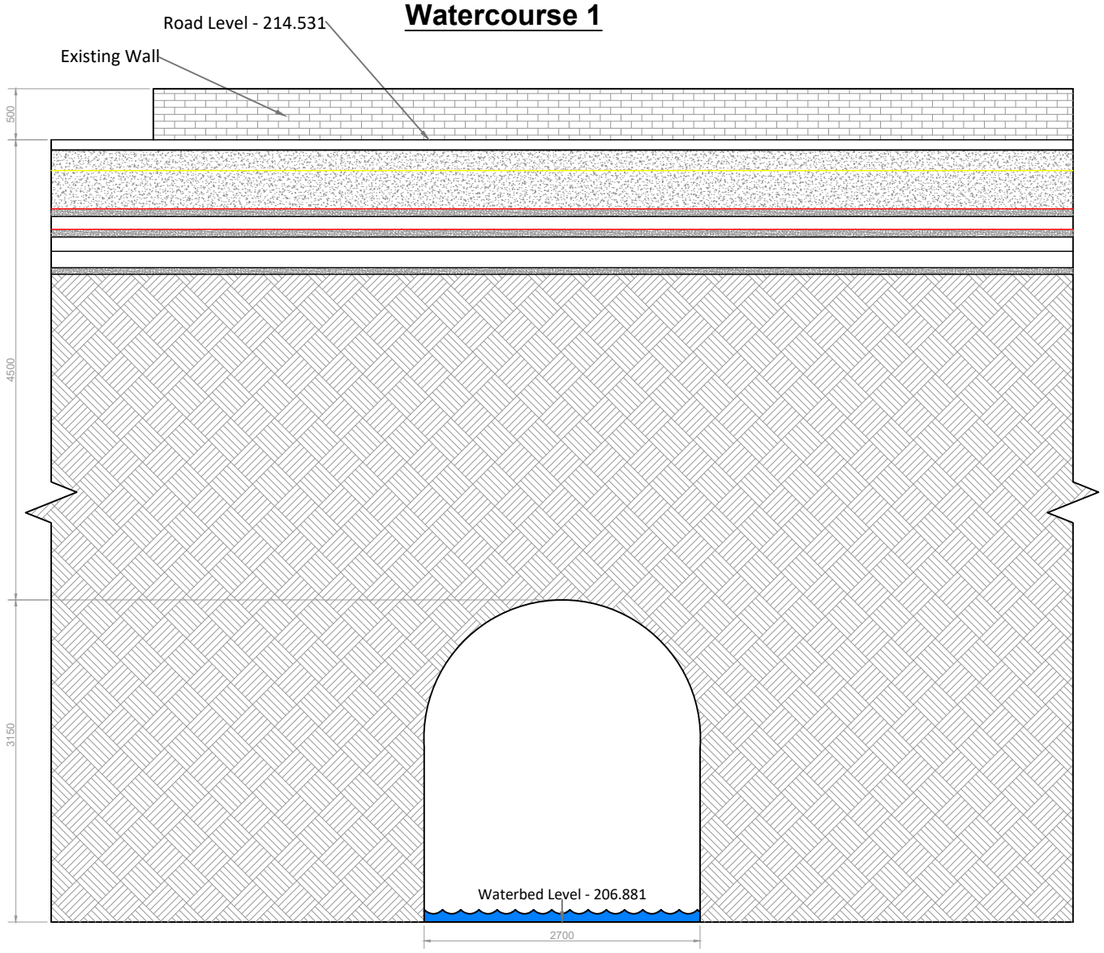
Option D - Standard Horizontal Directional Drill - Cross Section

SCALE: 1:200

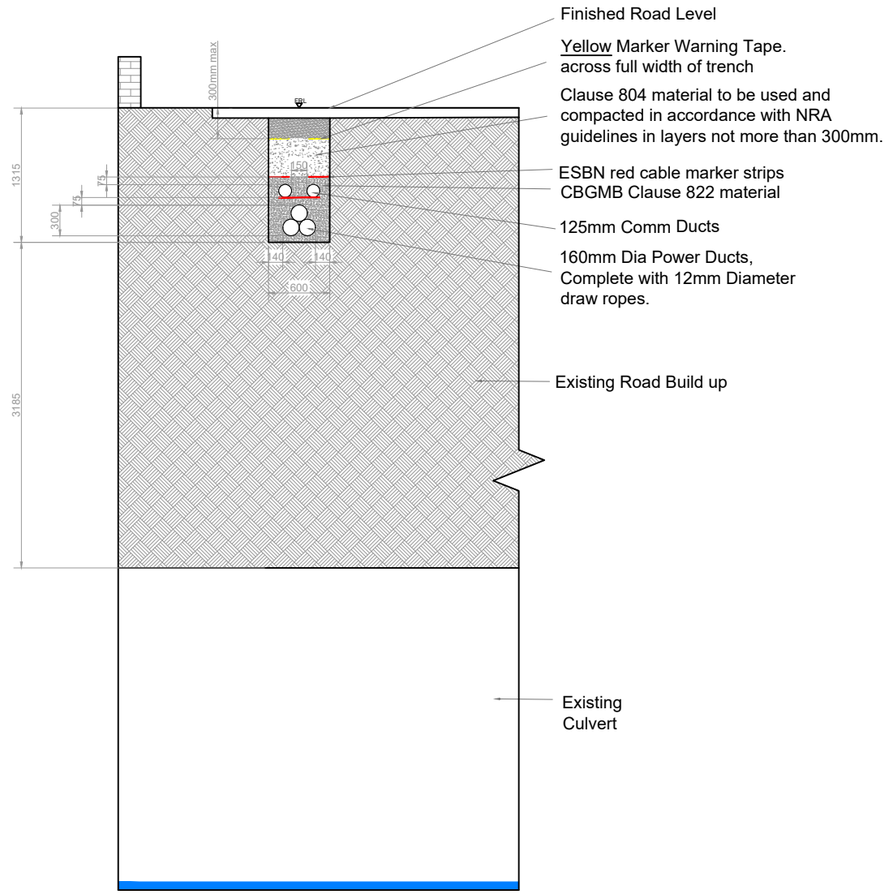
PROJECT TITLE: **Maughanaclea Renewable Energy Development Co.Cork**			
DRAWING TITLE: **Option D - Horizontal Directional Drill Under Exisitng Watercourse Crossing**			
PROJECT No.: **240225**		DRAWING No.: **240225-22**	SCALE: **As Shown @ A3**
DRAWN BY: **KD**	CHECKED BY: **AC**	DATE: **25.03.2026**	REVISION.: P01

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

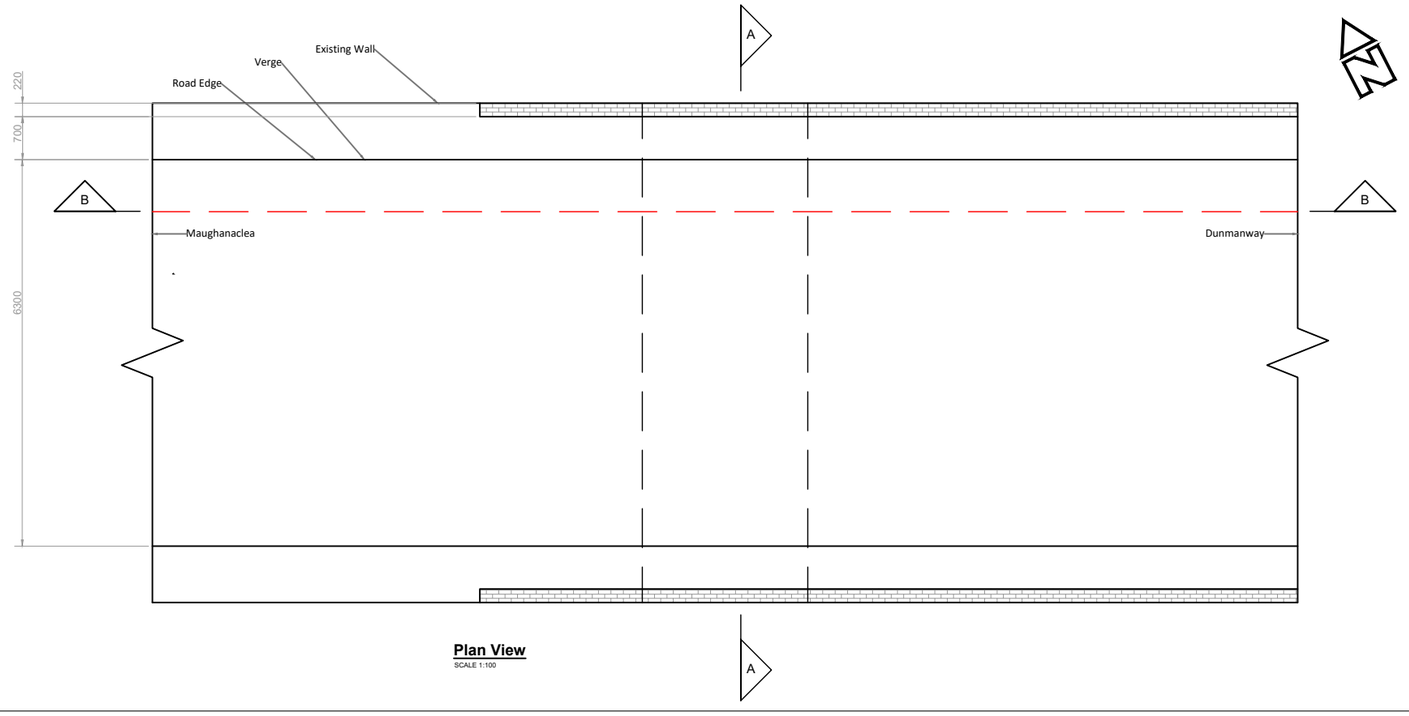
Watercourse 1



Section B-B
SCALE 1:60



Section A-A
SCALE 1:60



Plan View
SCALE 1:100

PROJECT TITLE:
Maughanaclea Renewable Energy Development Co.Cork

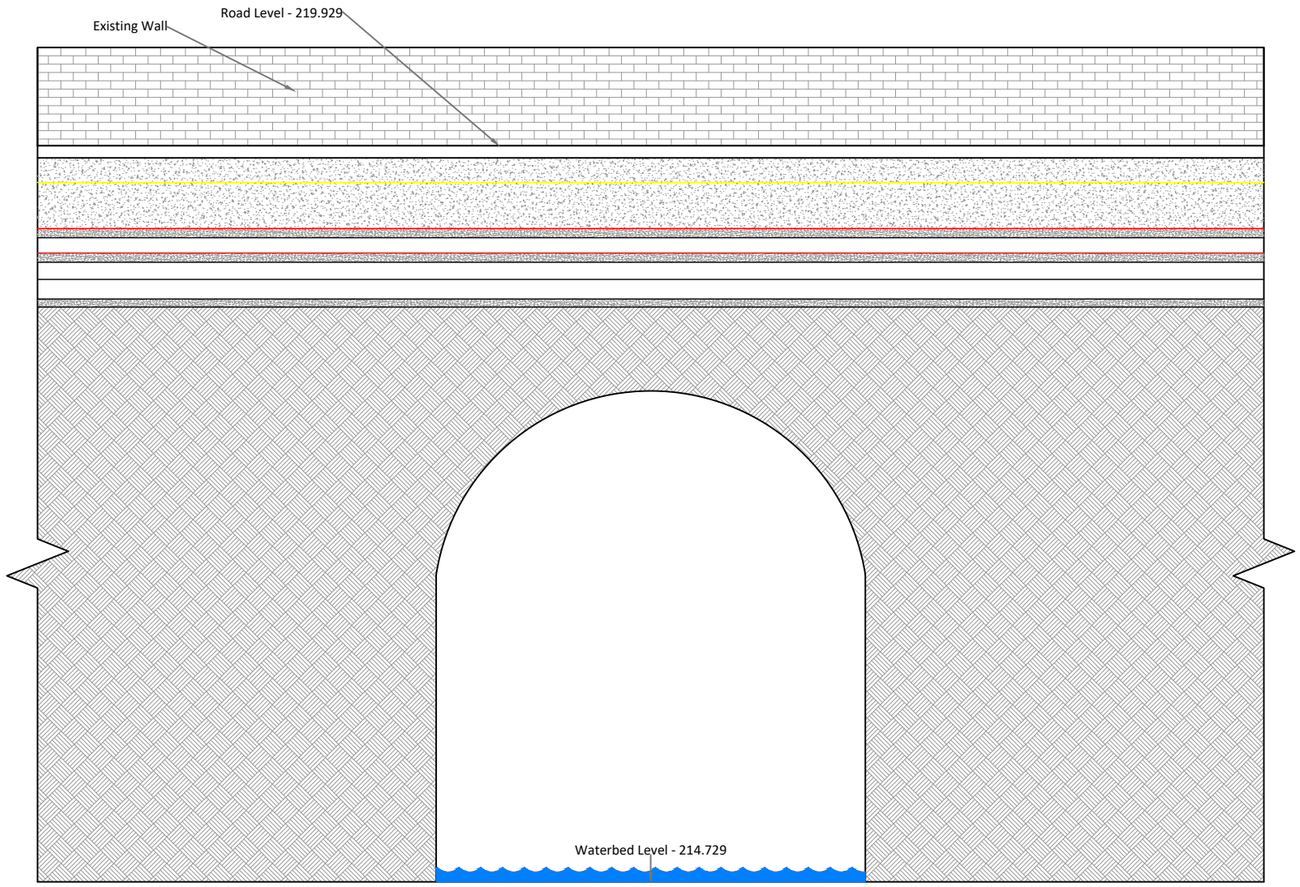
DRAWING TITLE:
Proposed Grid Connection Watercourse Crossing 01

PROJECT No.:	DRAWING No.:	SCALE:
240225	240225-23	As Shown @ A3

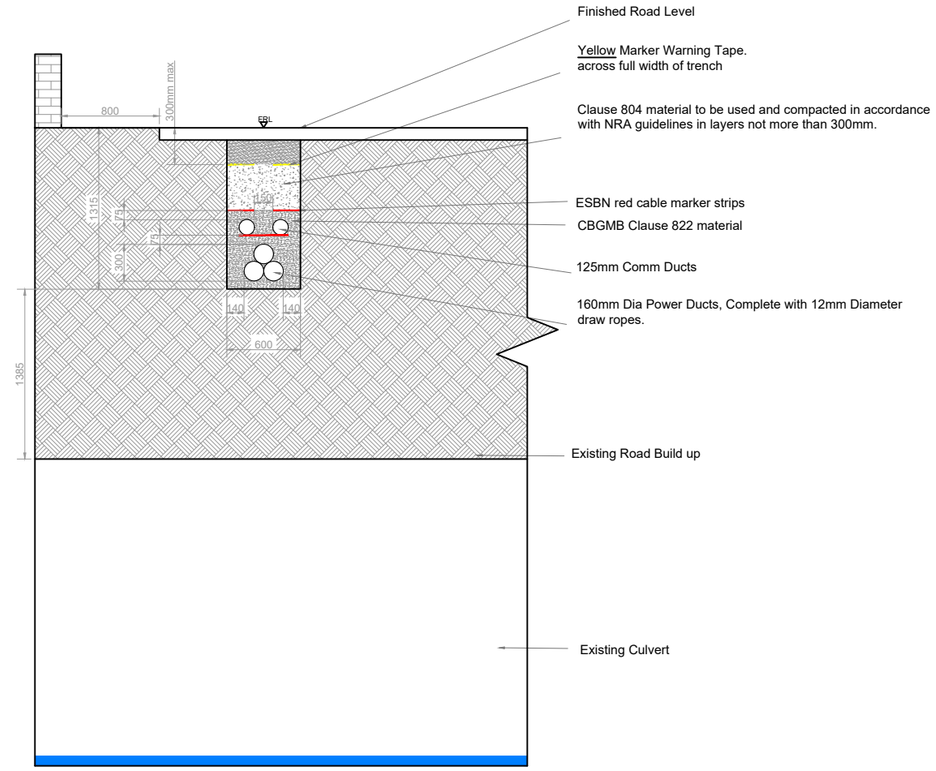
DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
KD	AC	25.03.2026	P01

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

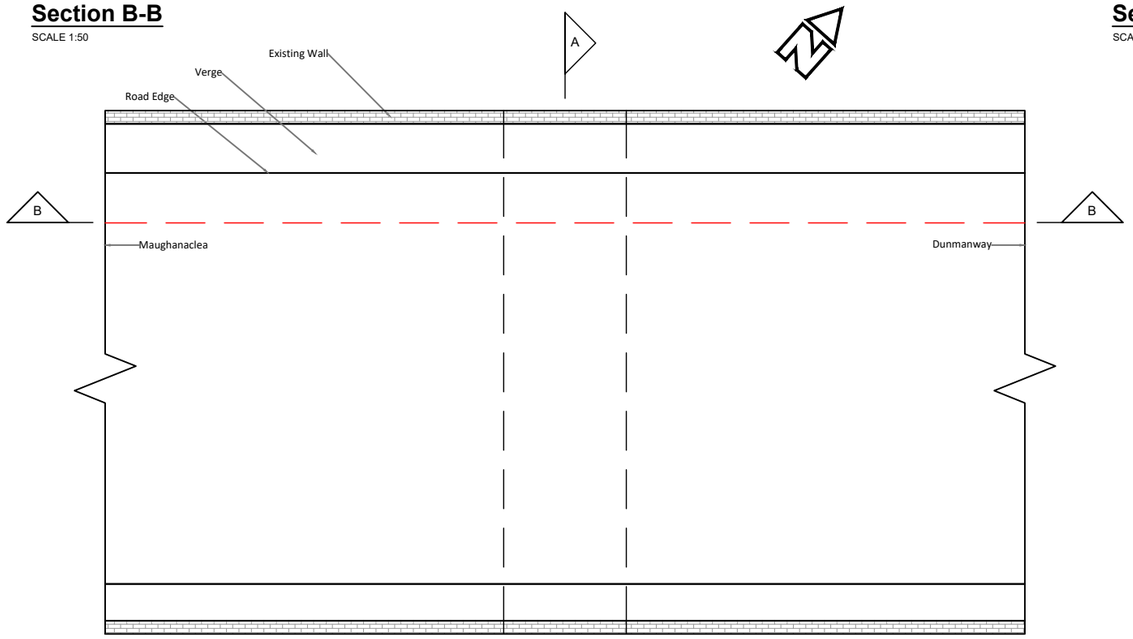
Watercourse 2



Section B-B
SCALE 1:50



Section A-A
SCALE 1:50



Plan View
SCALE 1:100

PROJECT TITLE:
Maughanaclea Renewable Energy Development Co.Cork

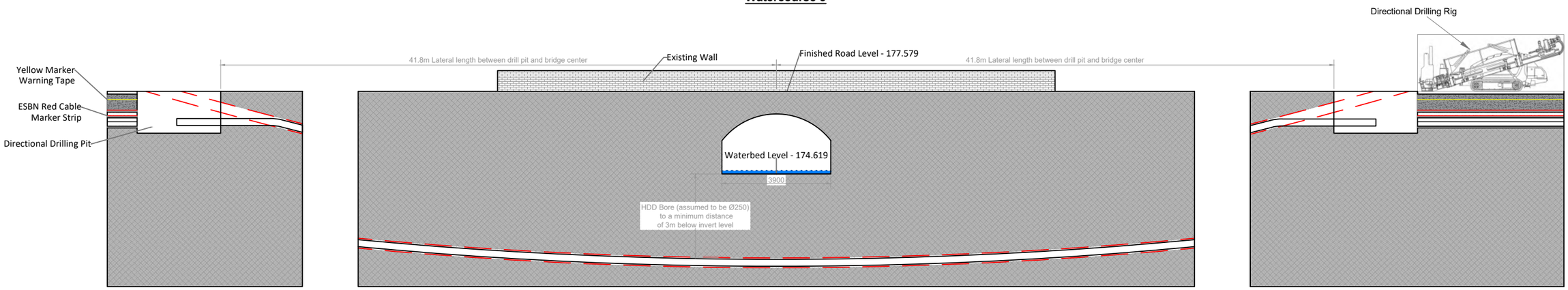
DRAWING TITLE:
Proposed Grid Connection Watercourse Crossing 02

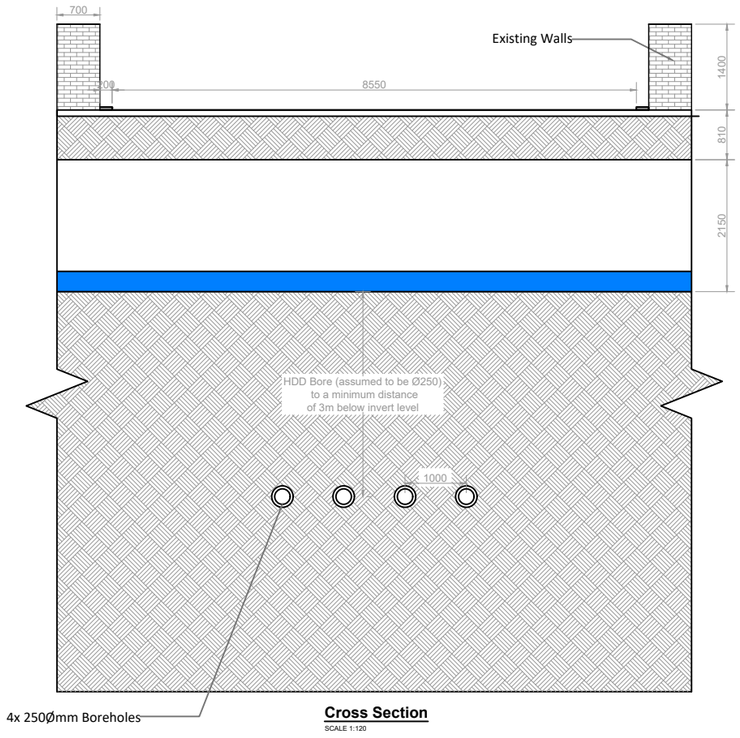
PROJECT No.:	DRAWING No.:	SCALE:
240225	240225-24	As Shown @ A3

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
KD	AC	24.03.2026	P01

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

Watercourse 3



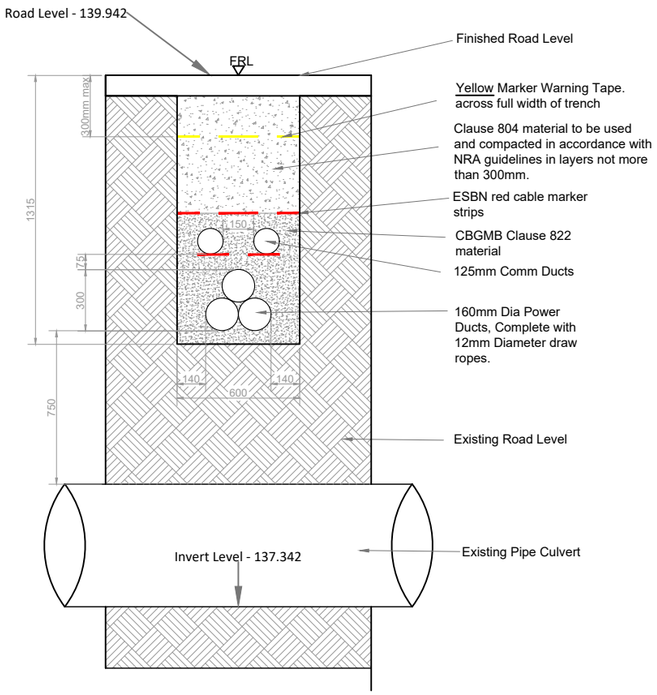


Cross Section
SCALE 1:120

PROJECT TITLE: **Maughanaclea Renewable Energy Development Co.Cork**			
DRAWING TITLE: **Proposed Grid Connection Watercourse Crossing 03**			
PROJECT No.: **240225**		DRAWING No.: **240225-25**	SCALE: **As Shown @ A3**
DRAWN BY: **KD**	CHECKED BY: **AC**	DATE: **24.03.2026**	REVISION.: P01

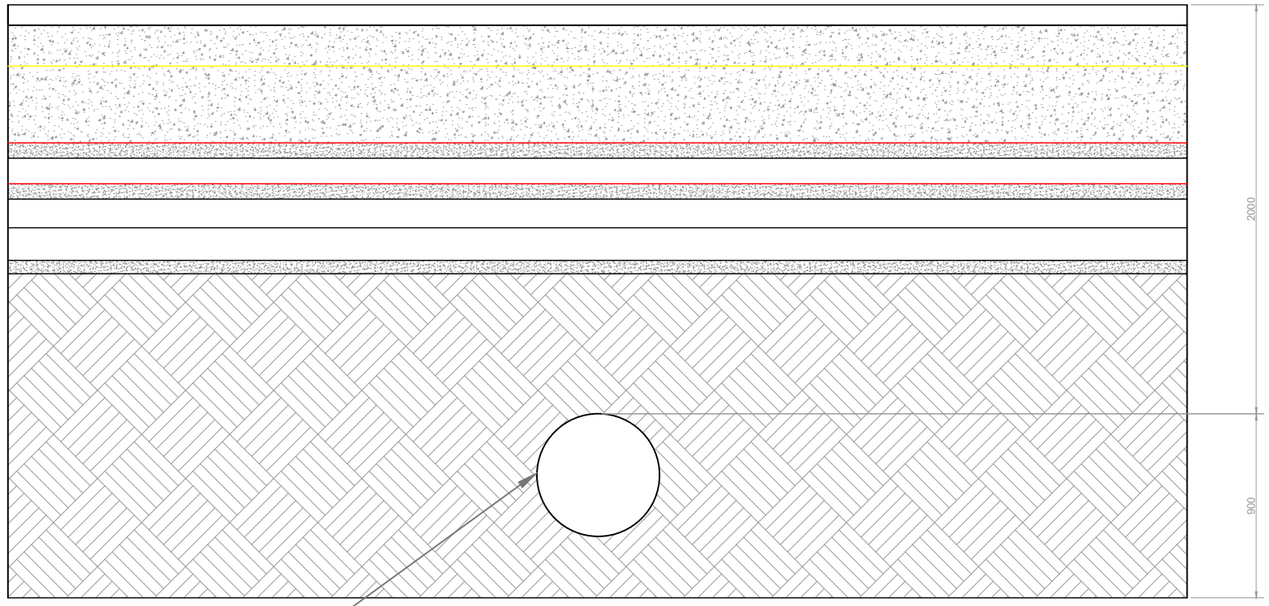
Email: info@www.mkoireland.ie /Website: www.mkoireland.ie

Watercourse 4



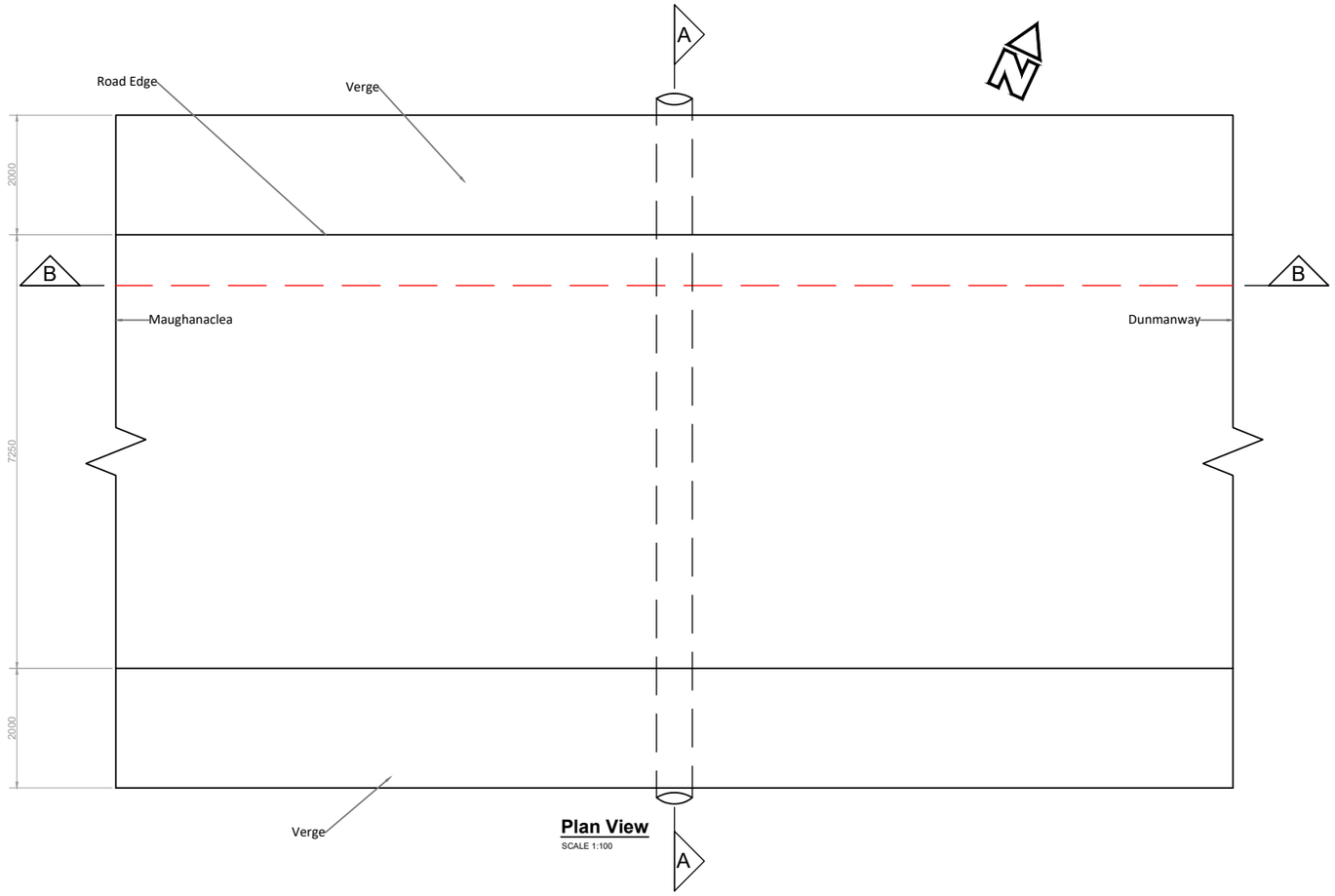
Section A-A

SCALE 1:20



Section B-B

SCALE 1:40



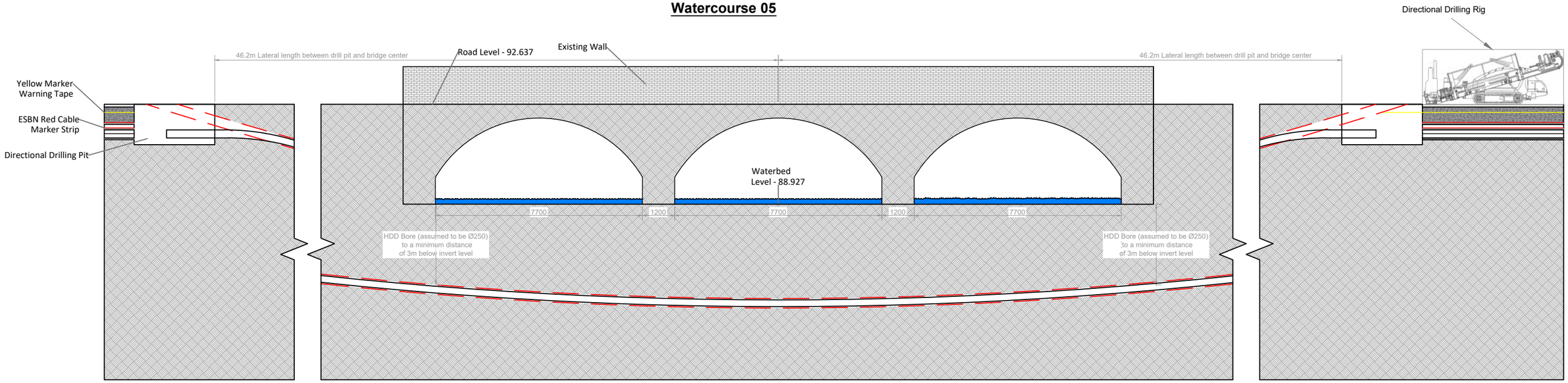
Plan View

SCALE 1:100

PROJECT TITLE: Maughanaclea Renewable Energy Development Co.Cork			
DRAWING TITLE: Proposed Grid Connection Watercourse Crossing 04			
PROJECT No.: 240225	DRAWING No.: 240225-26		SCALE: As Shown @ A3
DRAWN BY: KD	CHECKED BY: AC	DATE: 25.03.2026	REVISION.: P01

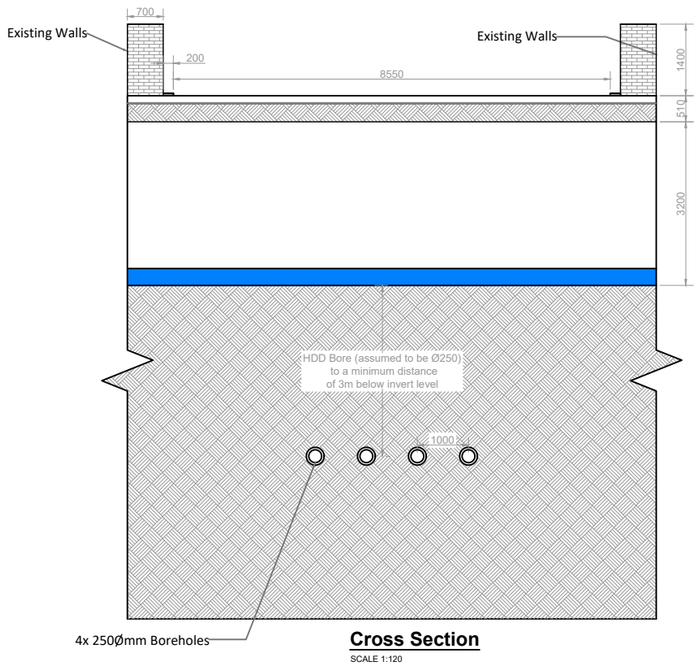
Email: info@www.mkoireland.ie /Website: www.mkoireland.ie

Watercourse 05



Longitudinal Section

SCALE 1:150



Cross Section

SCALE 1:120

PROJECT TITLE:
Maughanaclea Renewable Energy Development Co.Cork

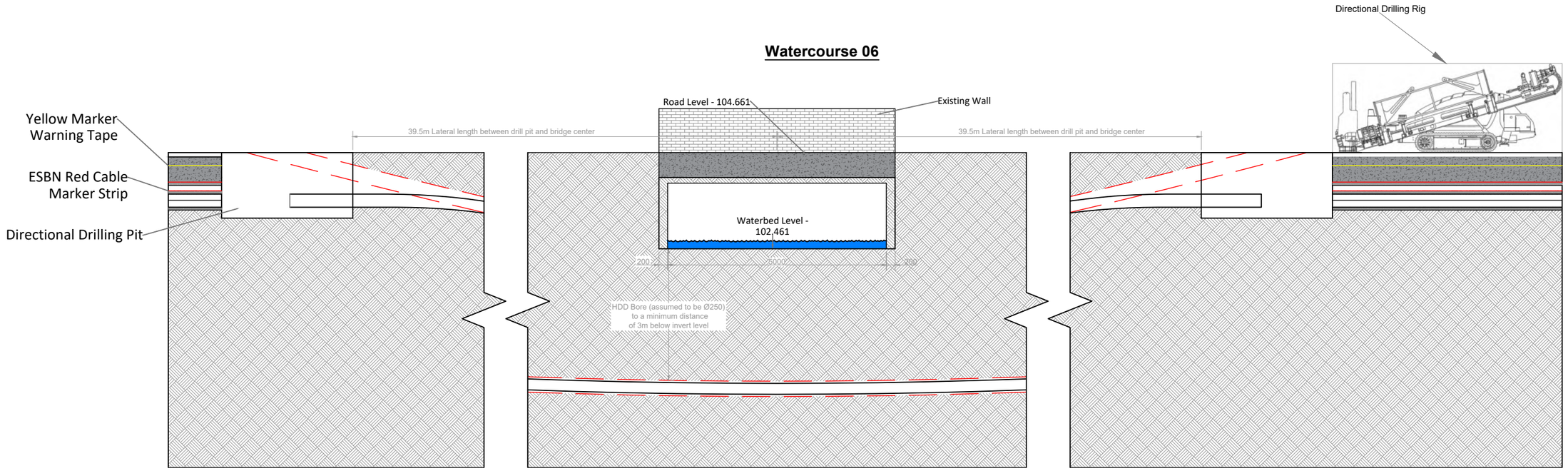
DRAWING TITLE:
Proposed Grid Connection Watercourse Crossing 05

PROJECT No.:	DRAWING No.:	SCALE:
240225	240225-27	As Shown @ A3

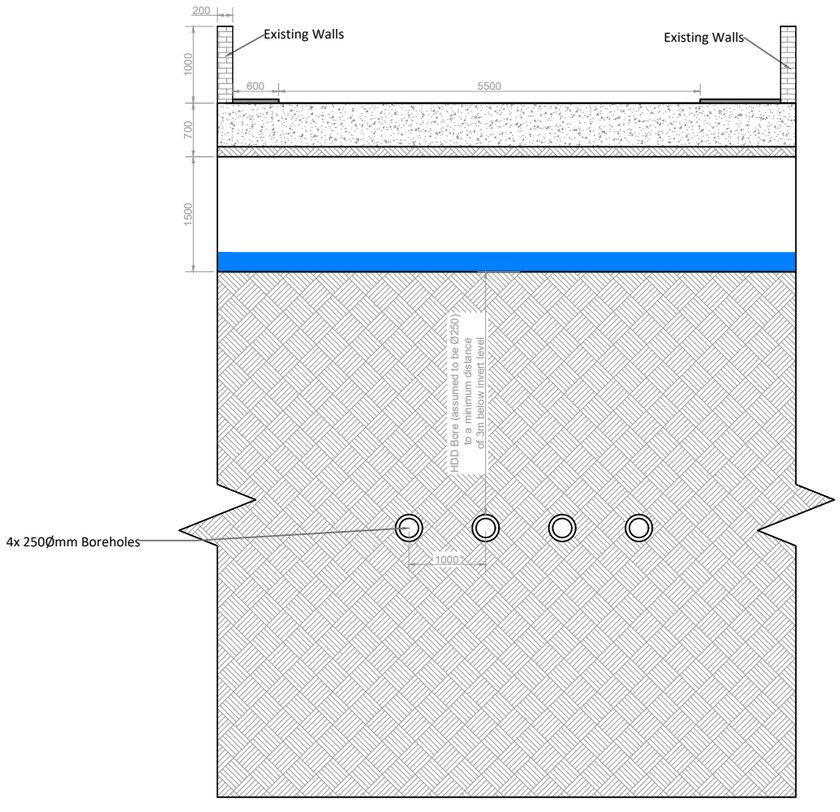
DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
KD	AC	25.03.2026	P01

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

Watercourse 06



Longitudinal Section
SCALE 1:100



Cross Section
SCALE 1:80

PROJECT TITLE:
Maughanaclea Renewable Energy Development Co.Cork

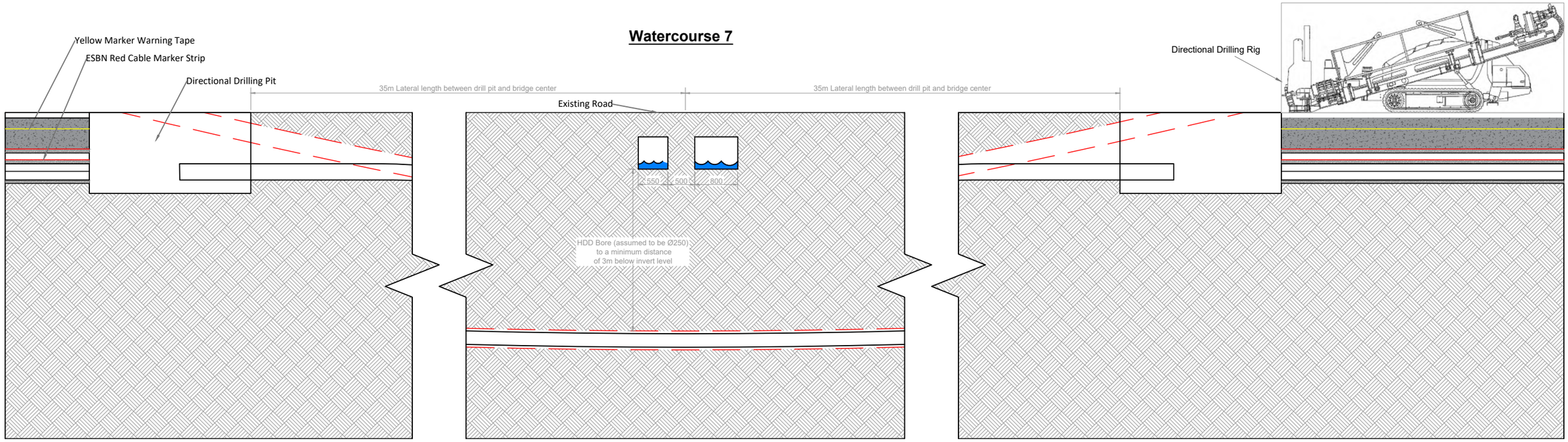
DRAWING TITLE:
Proposed Grid Connection Watercourse Crossing 06

PROJECT No.:	DRAWING No.:	SCALE:
240225	240225-28	As Shown @ A3

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
KD	AC	25.03.2026	P01

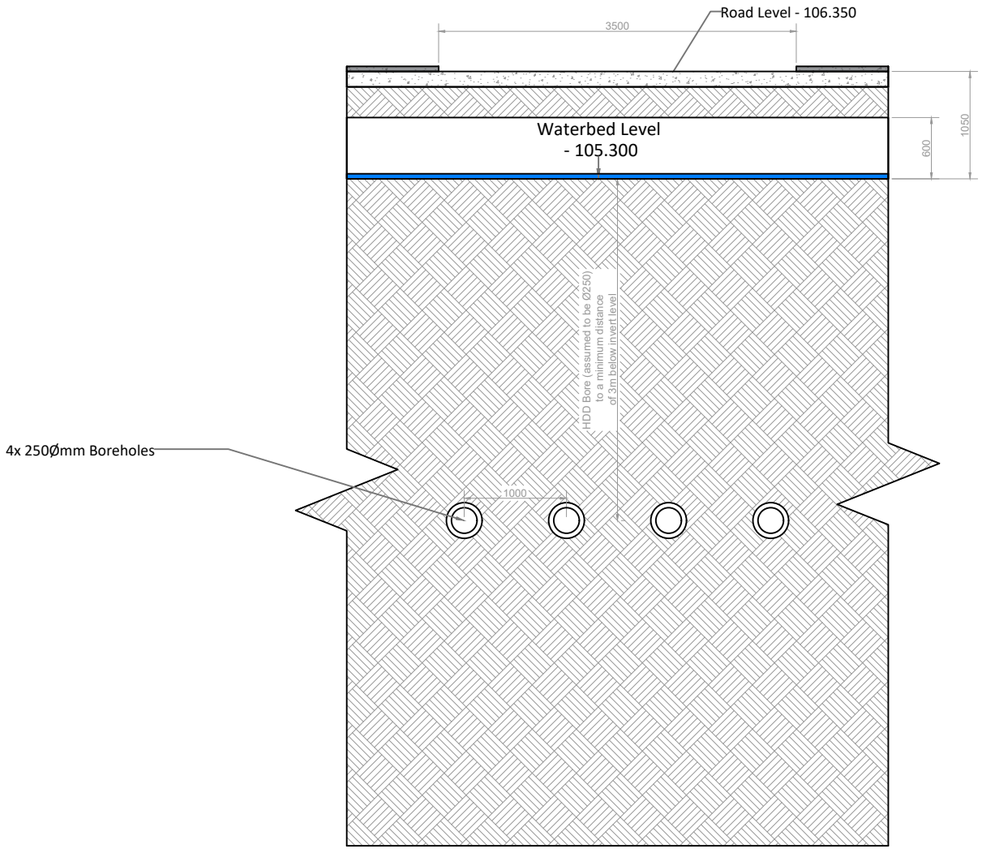
Email: info@www.mkoireland.ie /Website: www.mkoireland.ie

Watercourse 7



Longitudinal Section

SCALE 1:80



Cross Section

SCALE 1:60

PROJECT TITLE:
Maughanaclea Renewable Energy Development Co.Cork

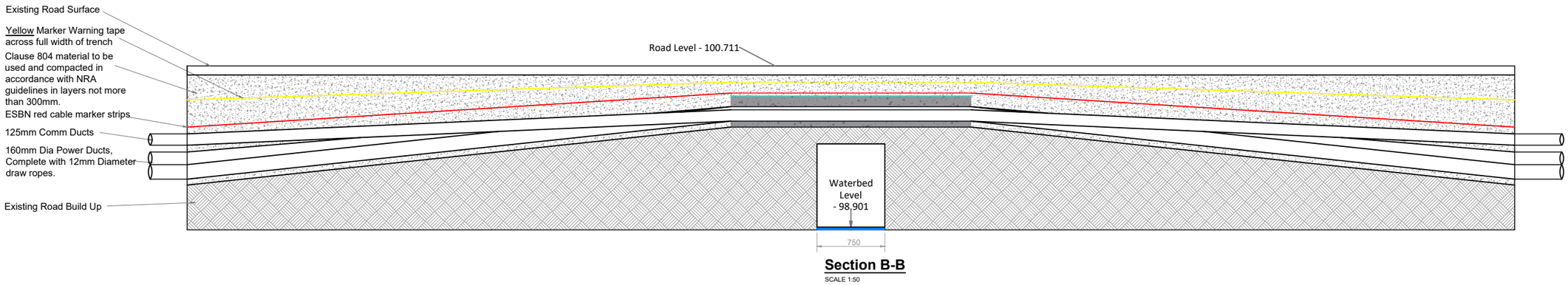
DRAWING TITLE:
Proposed Grid Connection Watercourse Crossing 07

PROJECT No.:	DRAWING No.:	SCALE:
240225	240225-29	As Shown @ A3

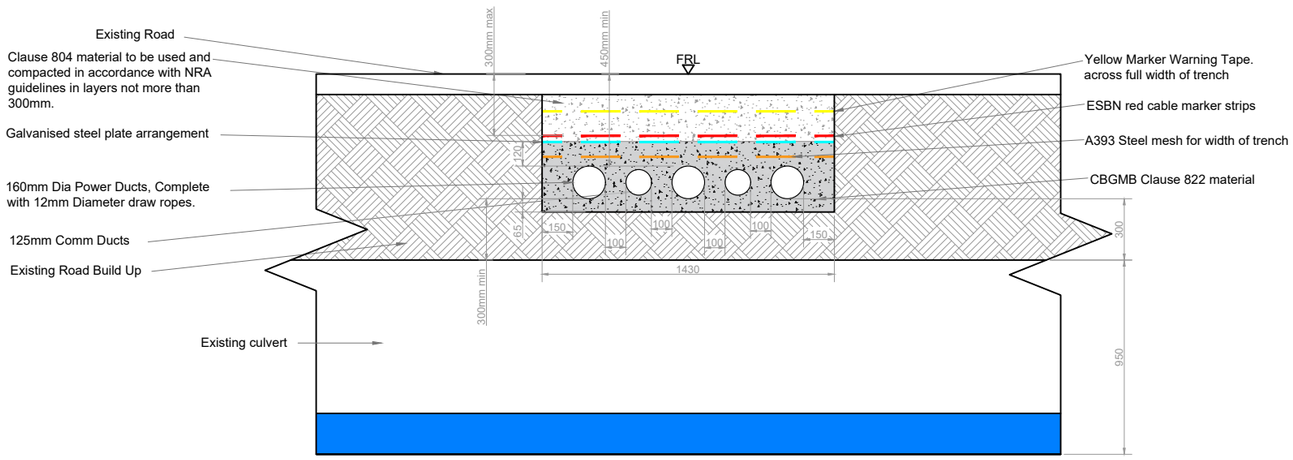
DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
KD	AC	25.03.2026	P01

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

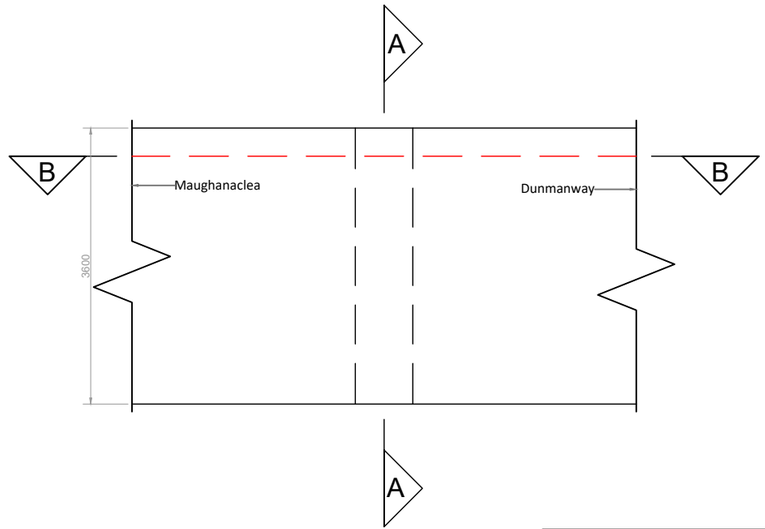
Watercourse 8



Section B-B
SCALE 1:50



Section A-A
SCALE 1:30

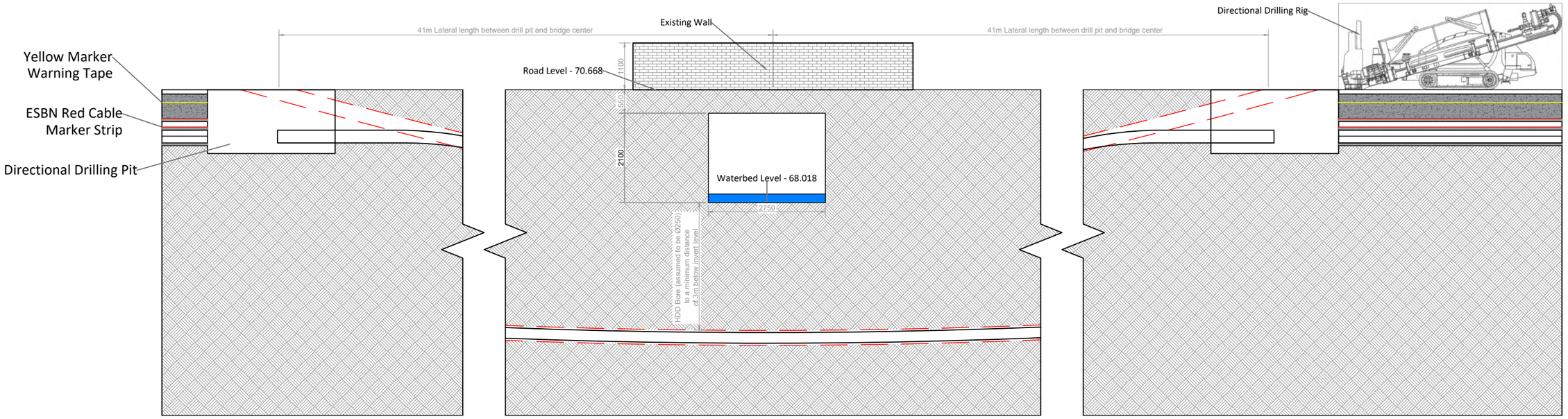


Plan View
SCALE 1:80

PROJECT TITLE: **Maughanaclea Renewable Energy Development Co.Cork**			
DRAWING TITLE: **Proposed Grid Connection Watercourse Crossing 08**			
PROJECT No.: **240225**	DRAWING No.: **240225-30**	SCALE: **As Shown @ A3**	
DRAWN BY: **KD**	CHECKED BY: **AC**	DATE: **25.03.2026**	REVISION.: P01

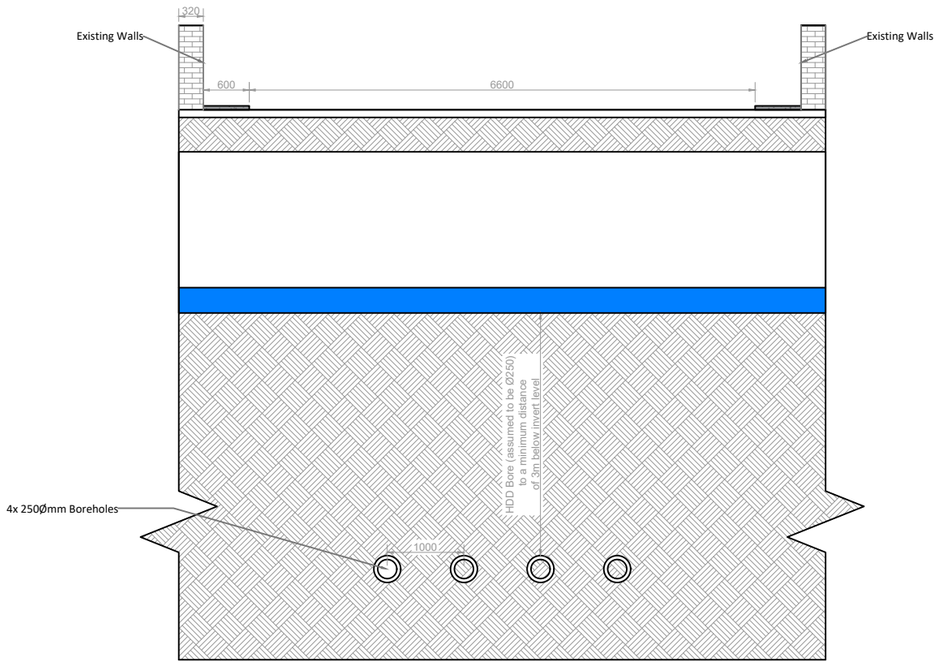
Email: info@www.mkoireland.ie /Website: www.mkoireland.ie

Watercourse 9



Longitudinal Section

SCALE 1:150



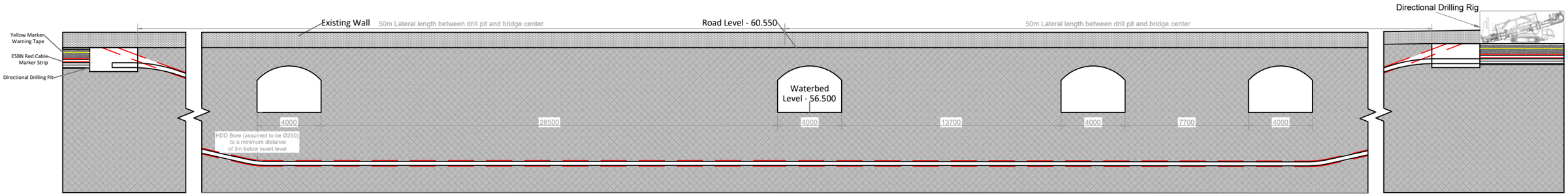
Cross Section

SCALE 1:80

PROJECT TITLE: Maughanaclea Renewable Energy Development Co.Cork			
DRAWING TITLE: Proposed Grid Connection Watercourse Crossing 09			
PROJECT No.: 240225	DRAWING No.: 240225-31		SCALE: As Shown @ A3
DRAWN BY: KD	CHECKED BY: AC	DATE: 25.03.2026	REVISION.: P01

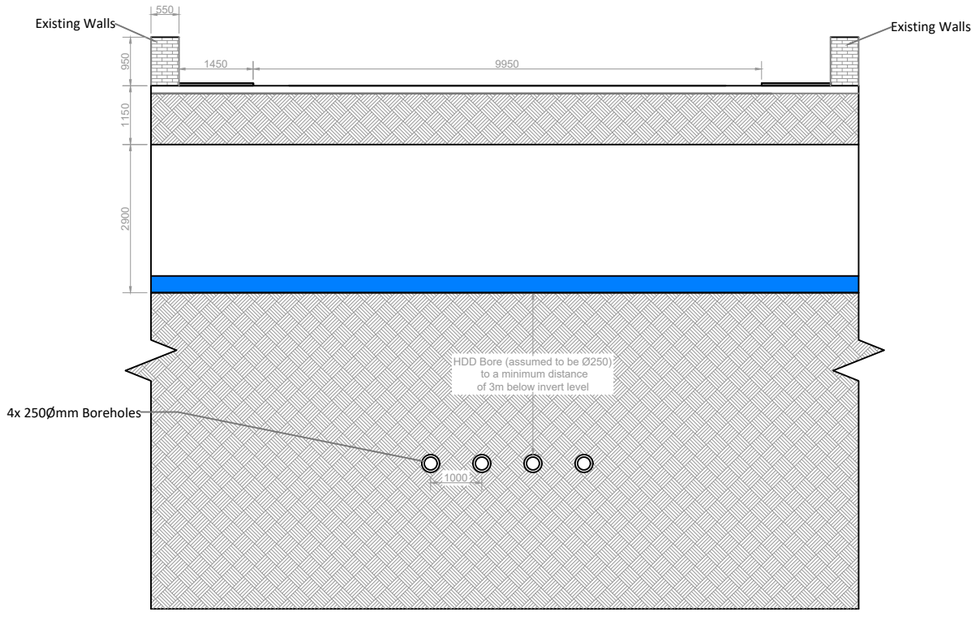
Email: info@www.mkoireland.ie /Website: www.mkoireland.ie

Watercourse 10



Longitudinal Section

SCALE 1:250



Cross Section

SCALE 1:120

PROJECT TITLE:
Maughanaclea Renewable Energy Development Co.Cork

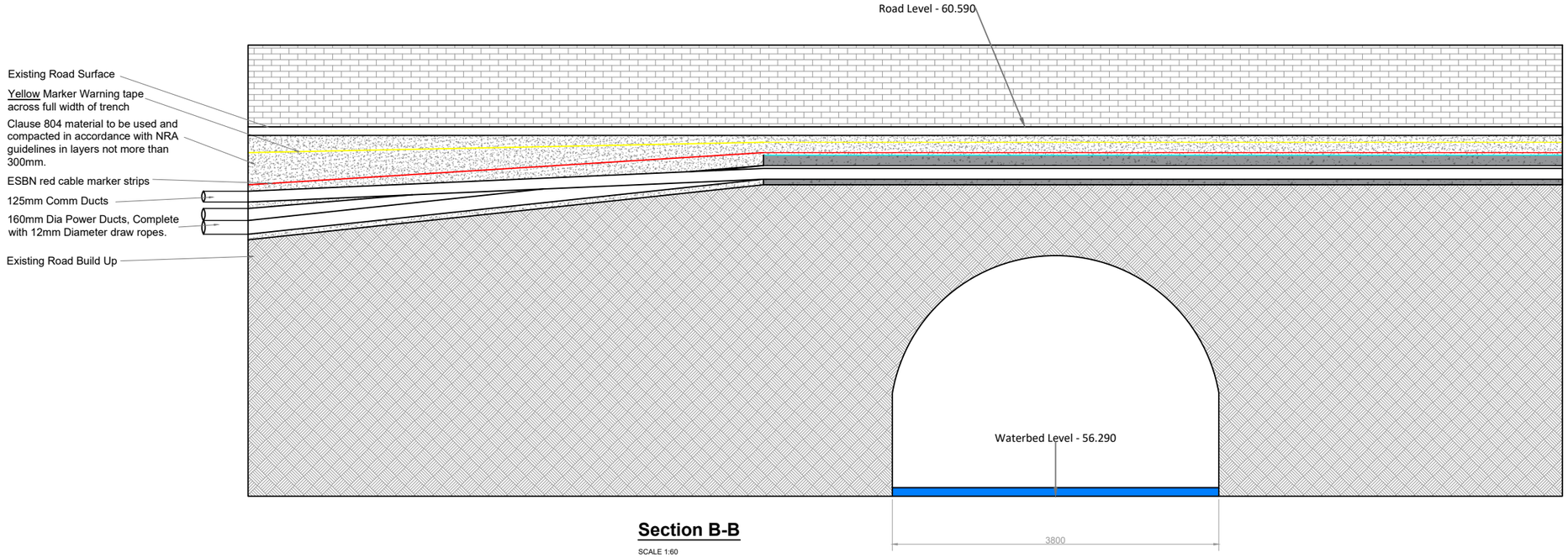
DRAWING TITLE:
Proposed Grid Connection Watercourse Crossing 10

PROJECT No.:	DRAWING No.:	SCALE:
240225	240225-32	As Shown @ A3

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
KD	AC	25.03.2026	P01

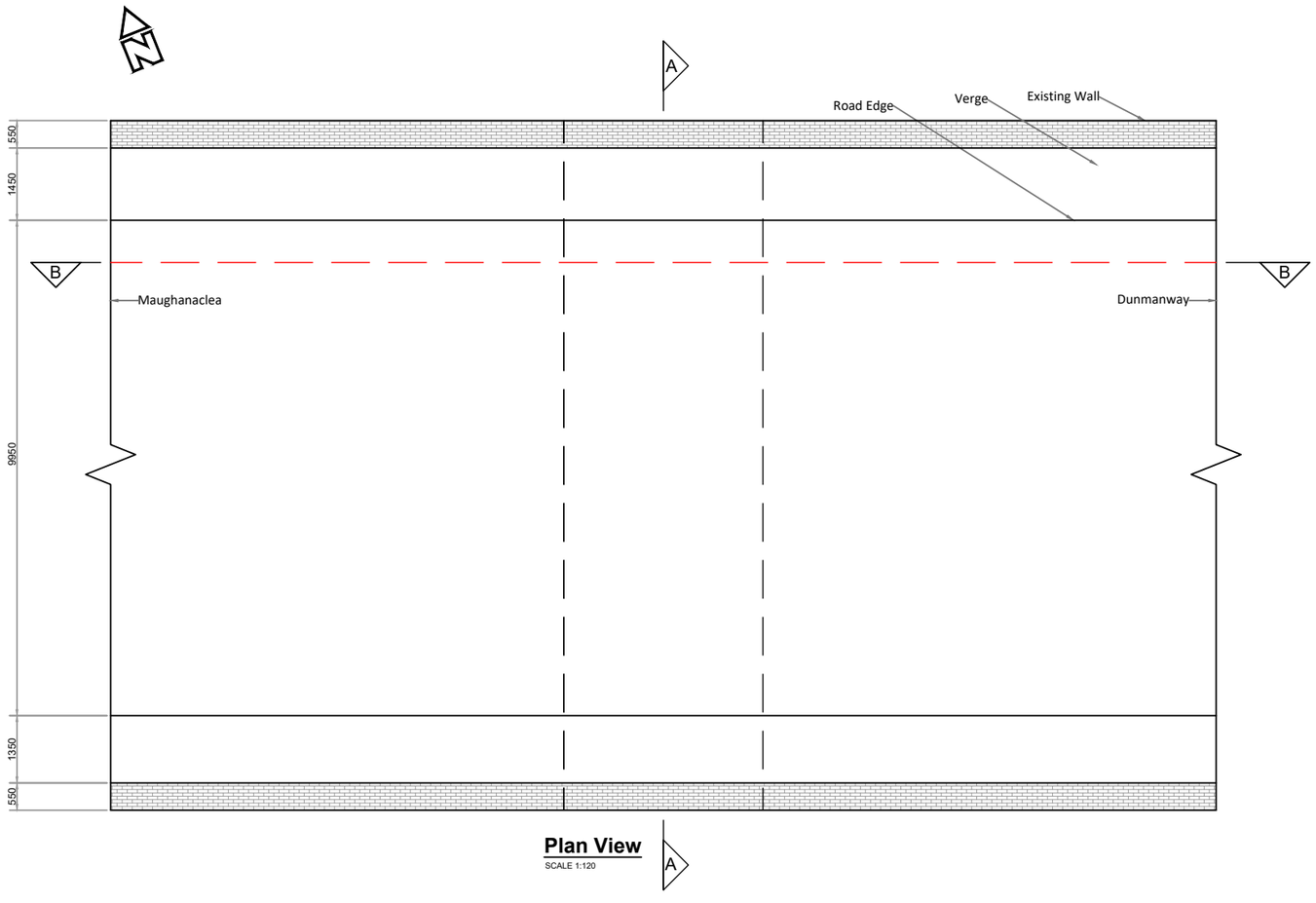
Email: info@www.mkoireland.ie /Website: www.mkoireland.ie

Watercourse 11a



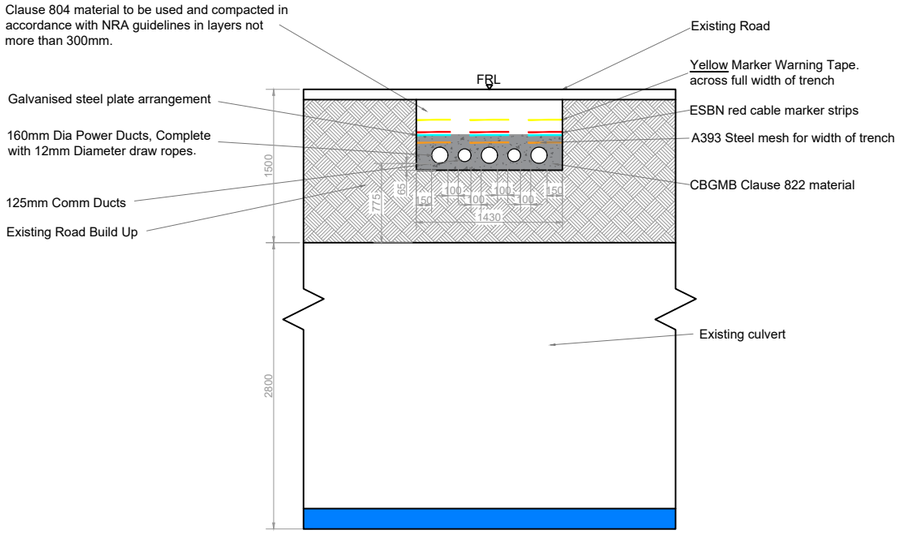
Section B-B

SCALE 1:60



Plan View

SCALE 1:120



Section A-A

SCALE 1:60

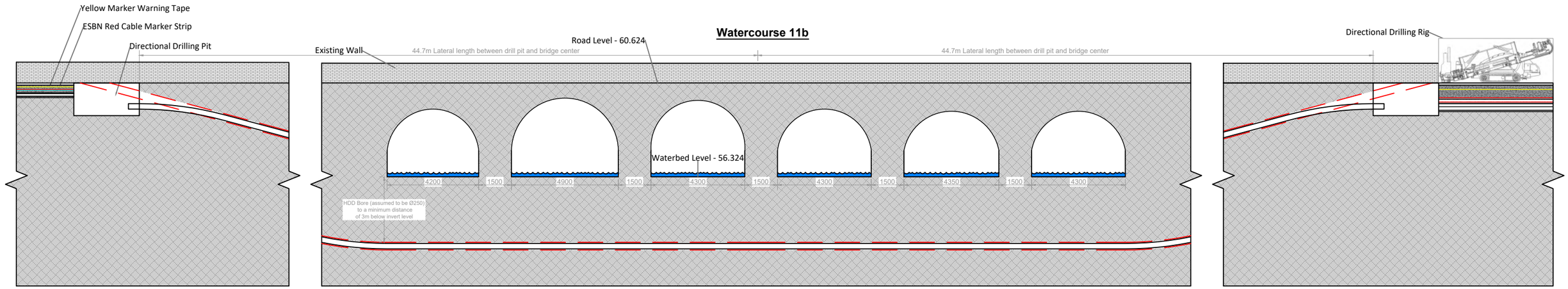
PROJECT TITLE:
Maughanaclea Renewable Energy Development Co.Cork

DRAWING TITLE:
Proposed Grid Connection Watercourse Crossing 11a

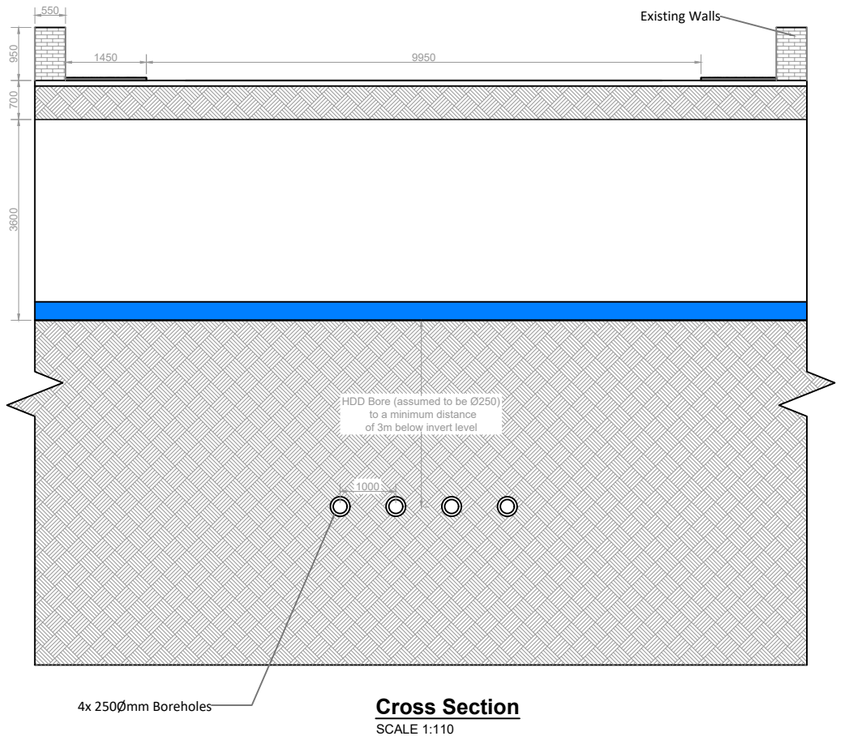
PROJECT No.:	DRAWING No.:	SCALE:
240225	240225-33	As Shown @ A3

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
KD	AC	24.03.2026	P01

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



Longitudinal Section
SCALE 1:160



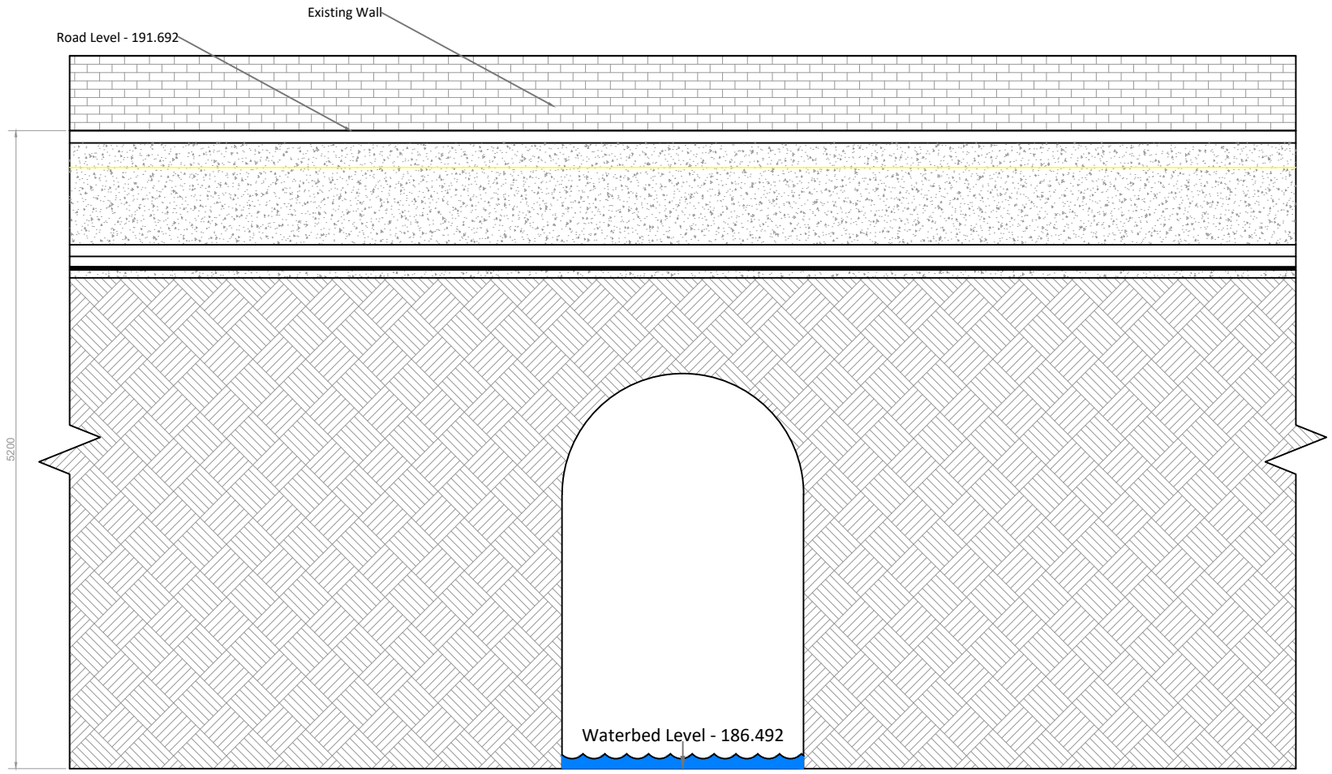
Cross Section
SCALE 1:110

PROJECT TITLE:	**Maughanaclea Renewable Energy Development Co.Cork**
DRAWING TITLE:	**Proposed Grid Connection Watercourse Crossing 11b**

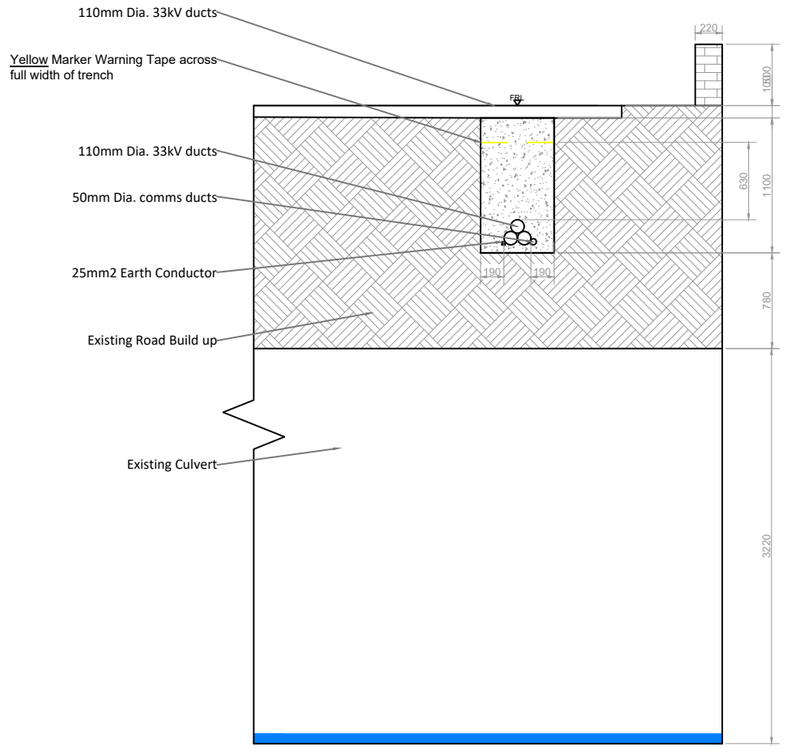
PROJECT No.:	DRAWING No.:	SCALE:
240225	**240225-34**	**As Shown @ A3**

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
KD	**AC**	**24.03.2026**	P01

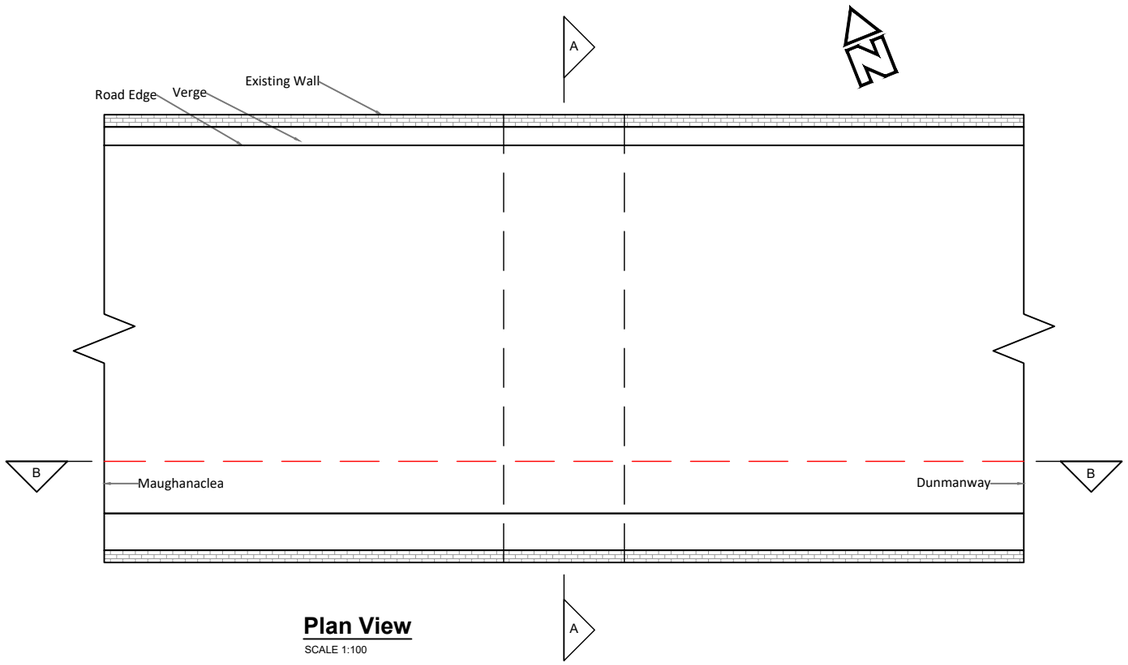
Email: info@www.mkoireland.ie /Website: www.mkoireland.ie



Section B-B
SCALE 1:50



Section A-A
SCALE 1:50



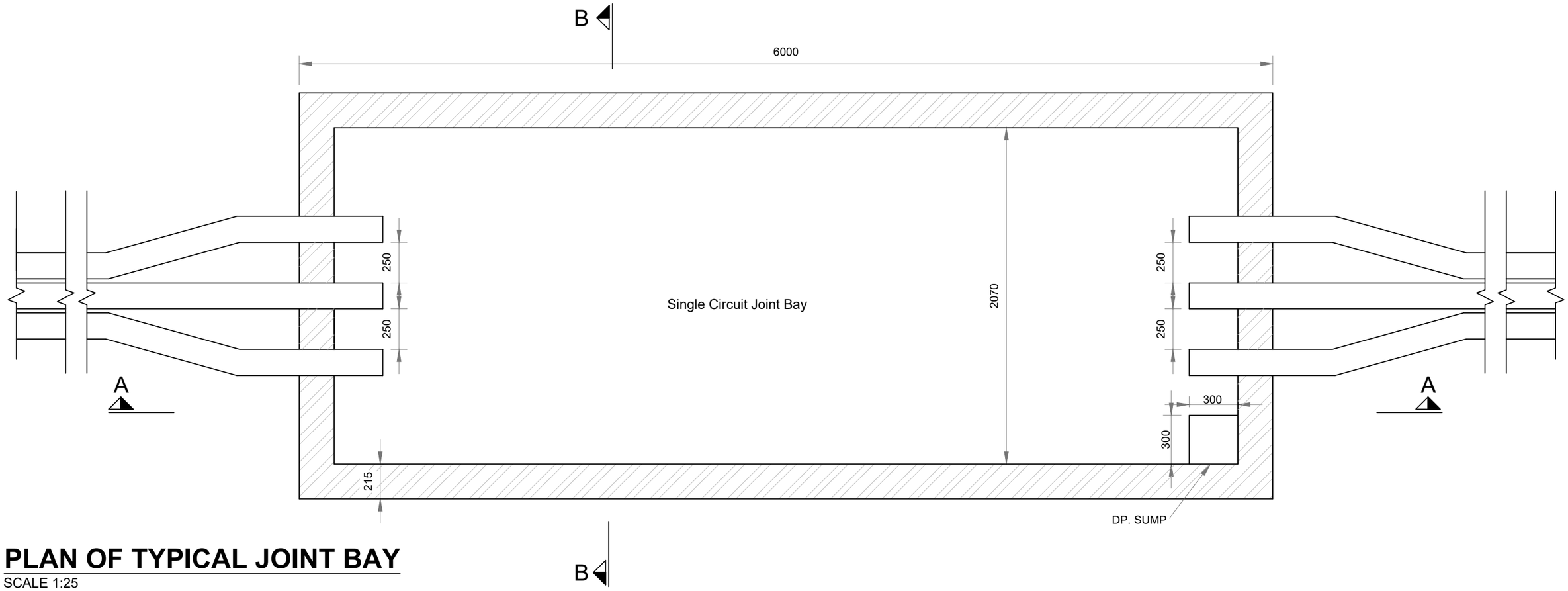
Plan View
SCALE 1:100

PROJECT TITLE:	**Maughanaclea Renewable Energy Development Co.Cork**
DRAWING TITLE:	**33kV IPP Crossing**

PROJECT No.:	DRAWING No.:	SCALE:
240225	**240225-35**	**As Shown @ A3**

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
KD	**AC**	**24.03.2026**	P01

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

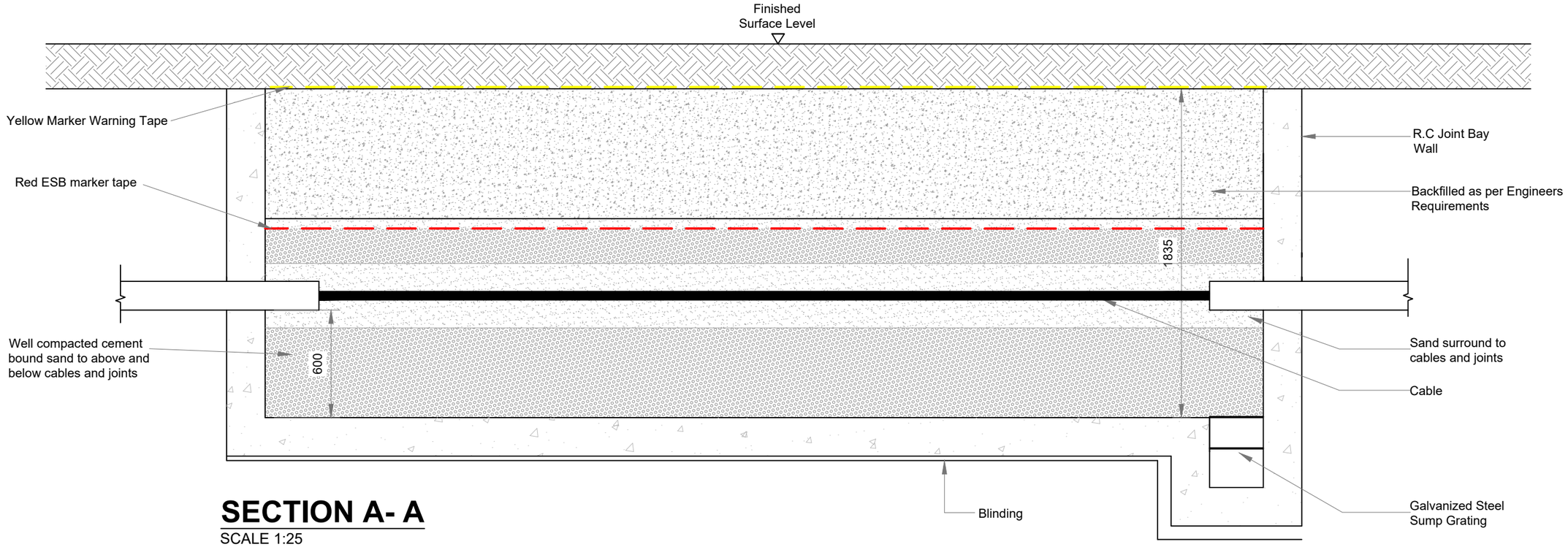


PLAN OF TYPICAL JOINT BAY

SCALE 1:25

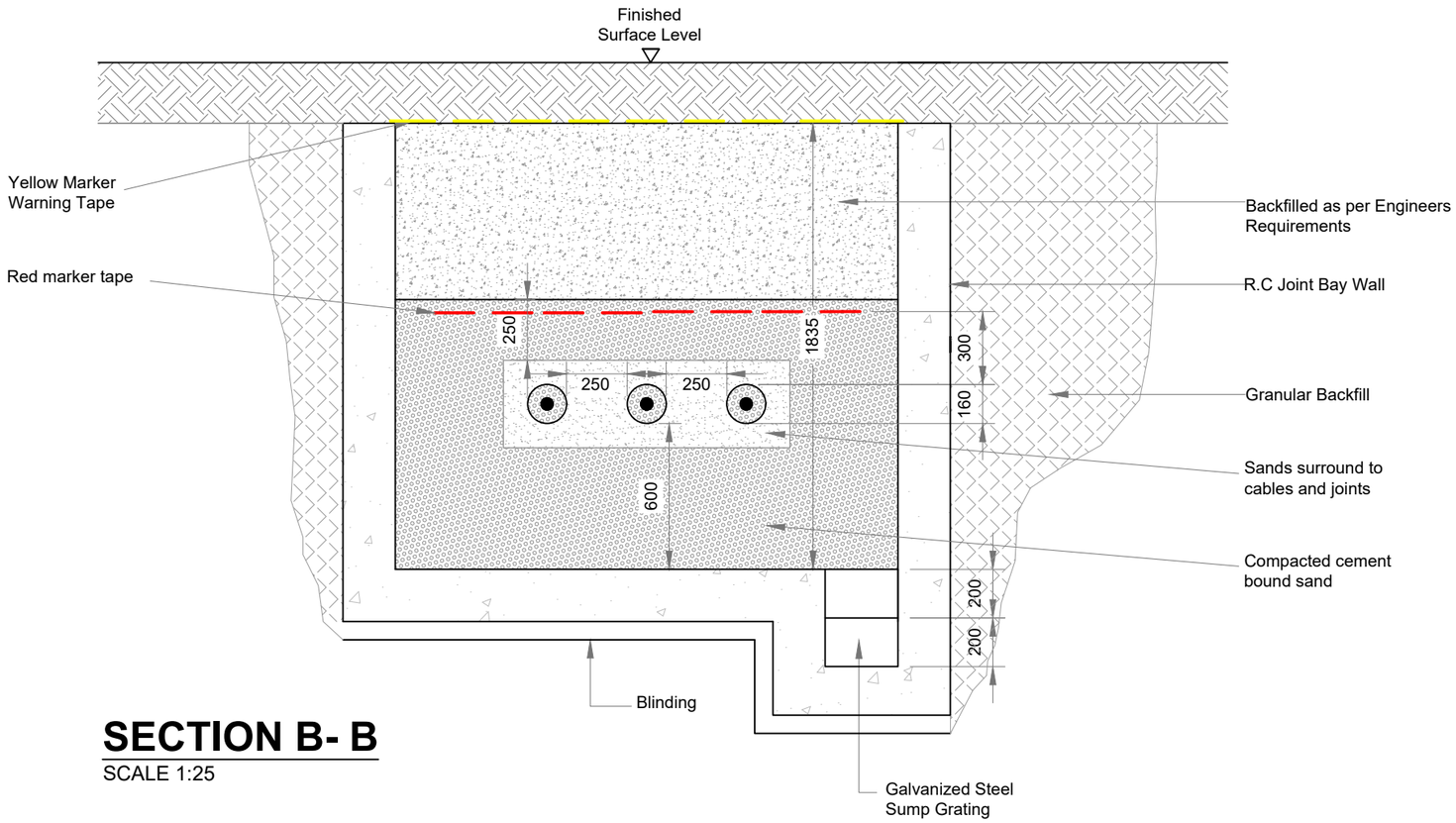
PROJECT TITLE: **Maughanaclea Renewable Energy Development Co.Cork**			
DRAWING TITLE: **Standard Joint Bay Detail**			
PROJECT No.: **240225**		DRAWING No.: **240225-36**	SCALE: **As Shown @ A3**
DRAWN BY: **KD**	CHECKED BY: **AC**	DATE: **25.03.2026**	REVISION.: P01

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



SECTION A- A

SCALE 1:25



SECTION B- B

SCALE 1:25

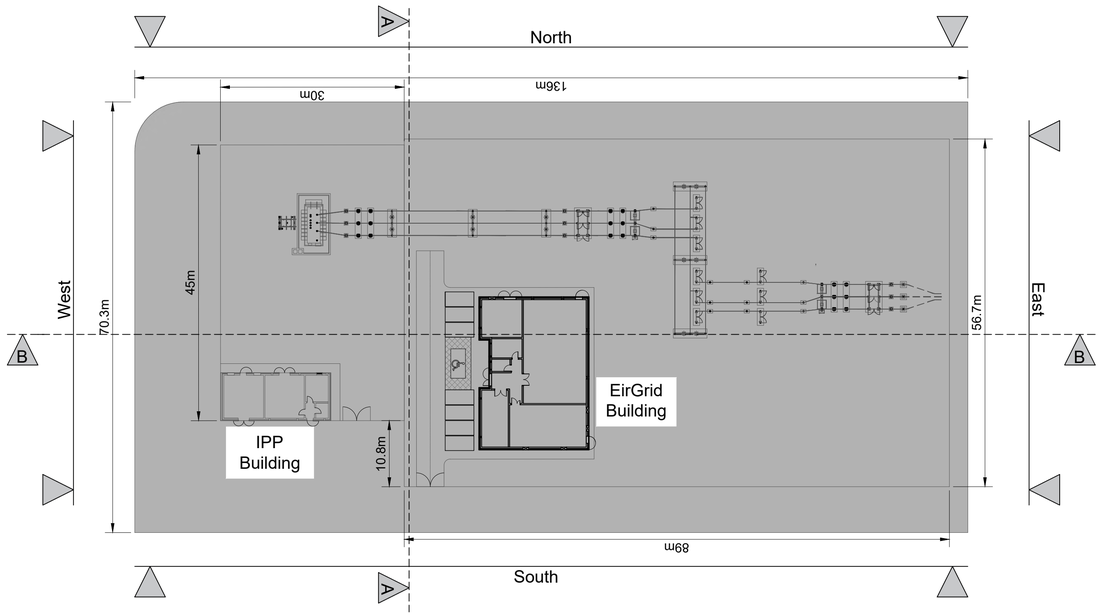
PROJECT TITLE:
Maughanaclea Renewable Energy Development Co.Cork

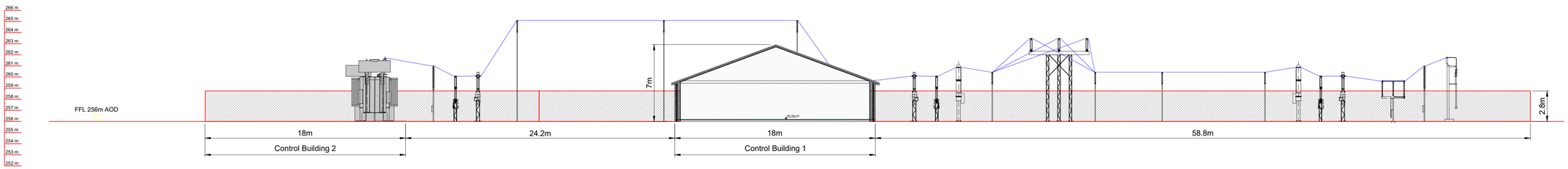
DRAWING TITLE:
Standard Joint Bay Detail

PROJECT No.:	DRAWING No.:	SCALE:
240225	240225-37	As Shown @ A3

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
KD	AC	25.03.2026	P01

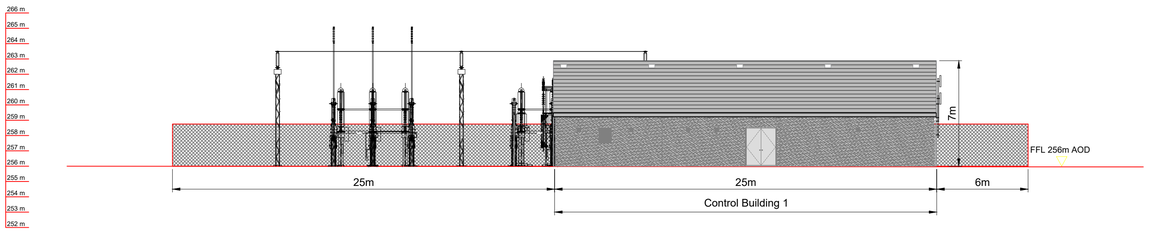
Email: info@www.mkoireland.ie /Website: www.mkoireland.ie





Section B-B

Scale 1:200 at A1



Section A-A

Scale 1:200 at A1

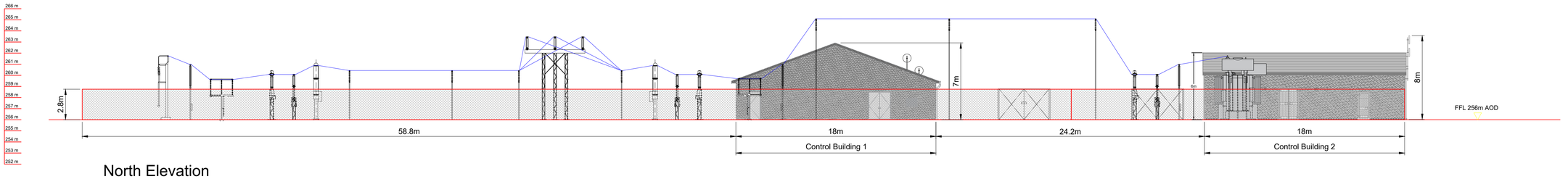
PROJECT TITLE:
Maughanaclea Renewable Energy Development Co.Cork

DRAWING TITLE:
Substation Compound Plan & Sections

PROJECT No.:	DRAWING No.:	SCALE:
240225	**240225 - 38**	**As Shown @ A1**

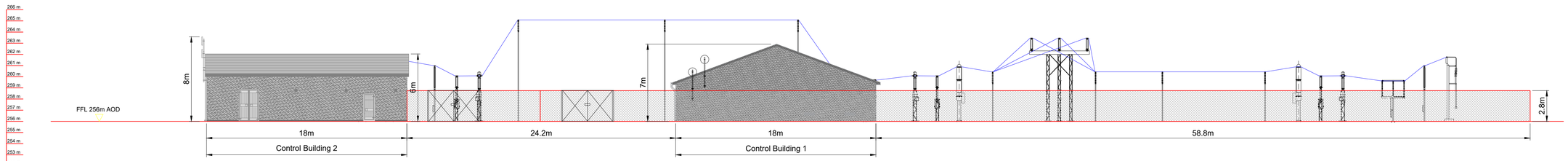
DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
KD	**AC**	**25.03.2026**	P01

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



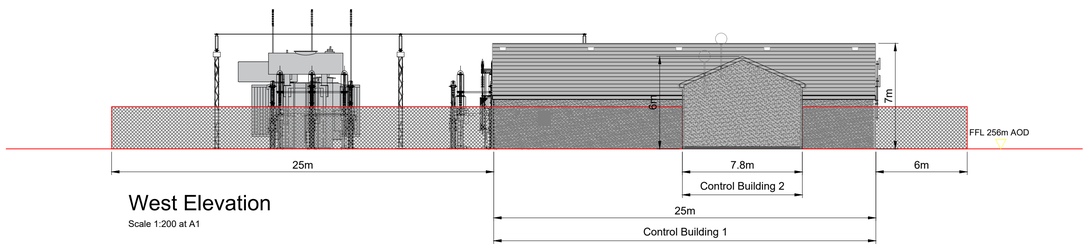
North Elevation

Scale 1:200 at A1



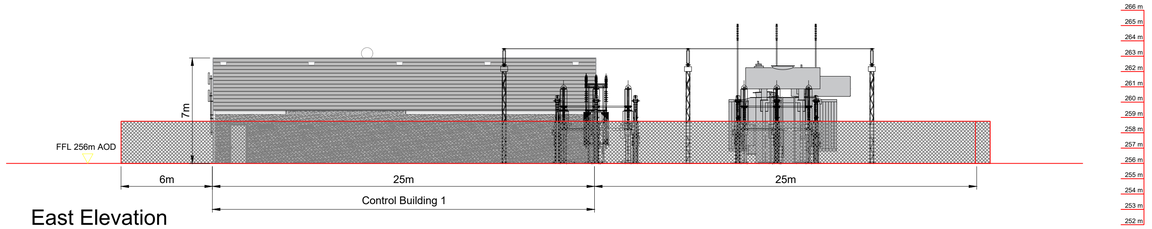
South Elevation

Scale 1:200 at A1



West Elevation

Scale 1:200 at A1



East Elevation

Scale 1:200 at A1

PROJECT TITLE:

Maughanaclea Renewable Energy Development Co.Cork

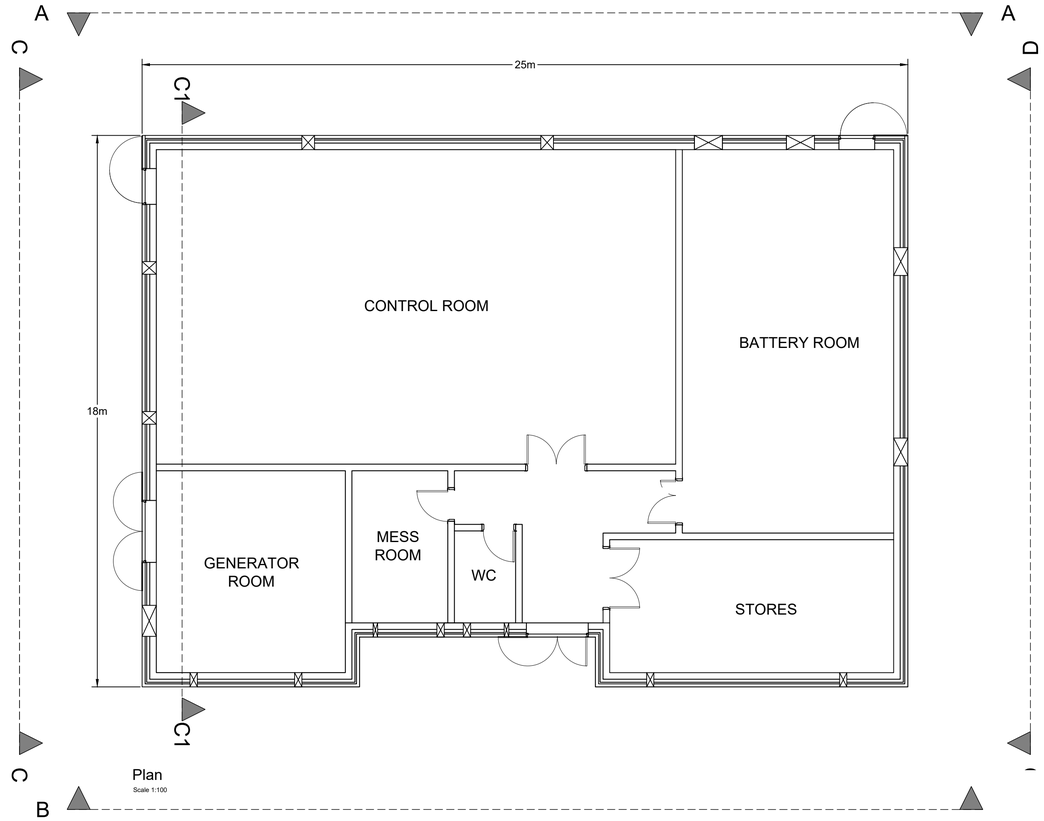
DRAWING TITLE:

Substation Compound Elevations

PROJECT No.:	DRAWING No.:	SCALE:
240225	**240225 - 39**	**As Shown @ A1**

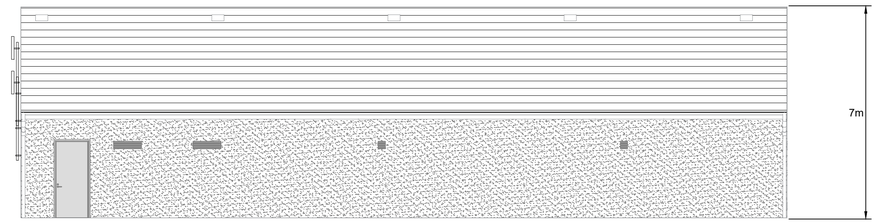
DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
KD	**AC**	**25.03.2026**	P01

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



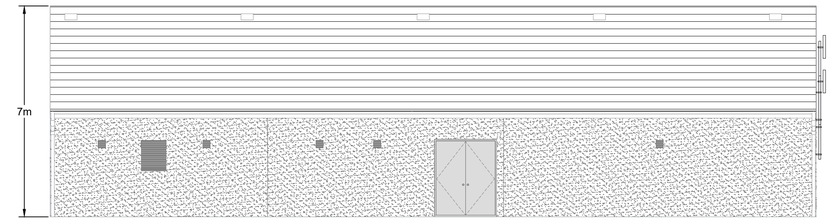
Plan

Scale 1:100



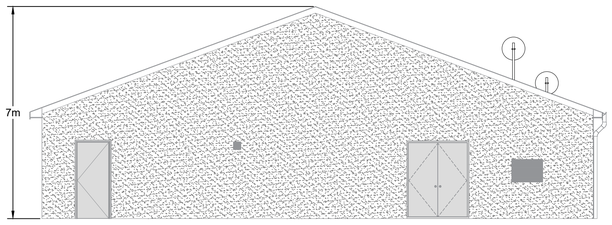
Section A-A

Scale 1:100



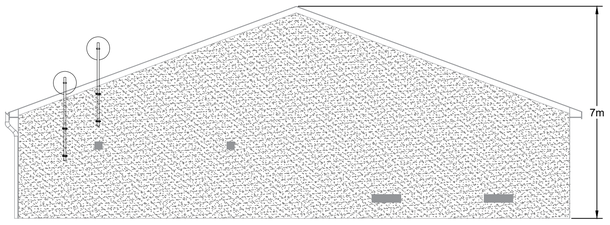
Section B-B

Scale 1:100



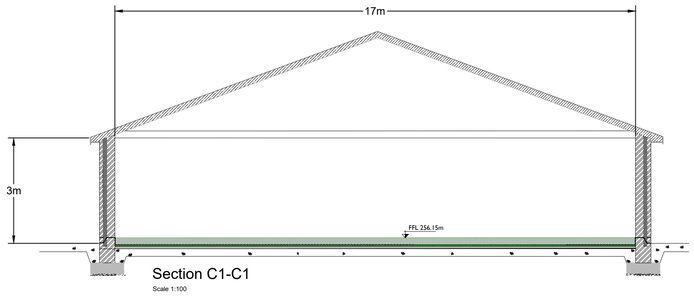
Section C-C

Scale 1:100



Section D-D

Scale 1:100



Section C1-C1

Scale 1:100

PROJECT TITLE:

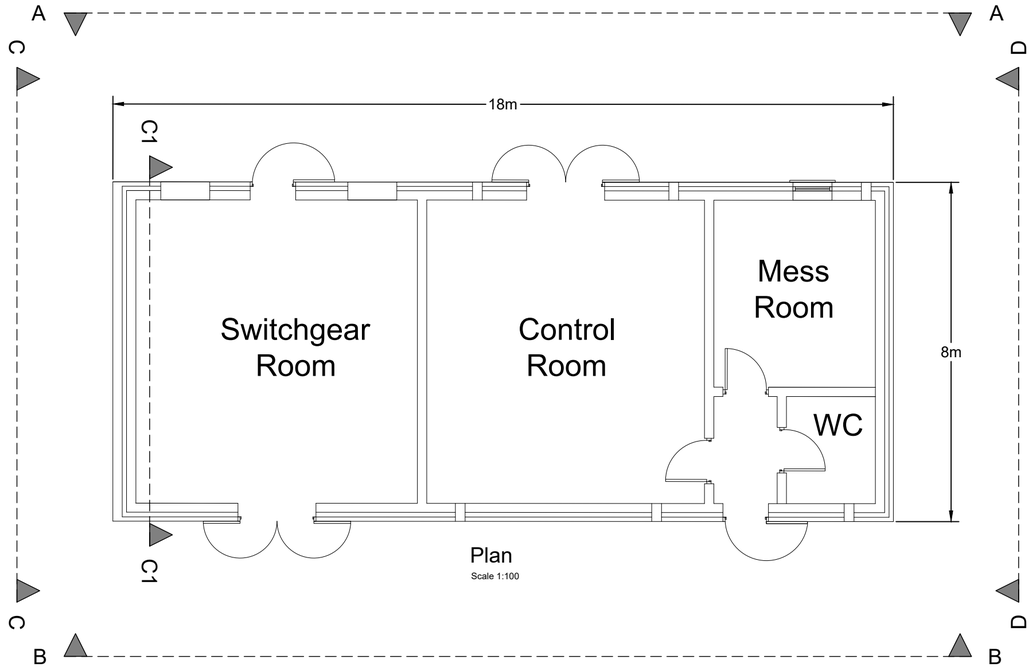
Maughanaclea Renewable Energy Development Co.Cork

DRAWING TITLE:

EirGrid Building - Plans, Section & Elevations

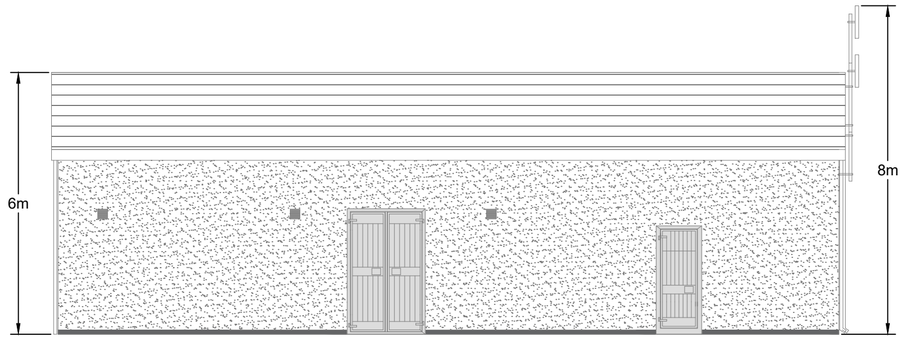
PROJECT No.:		DRAWING No.:	SCALE:
240225		**240225 - 40**	**As Shown @ A1**
DRAWN BY: **KD**	CHECKED BY: **AC**	DATE: **25.03.2026**	REVISION.: P01

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



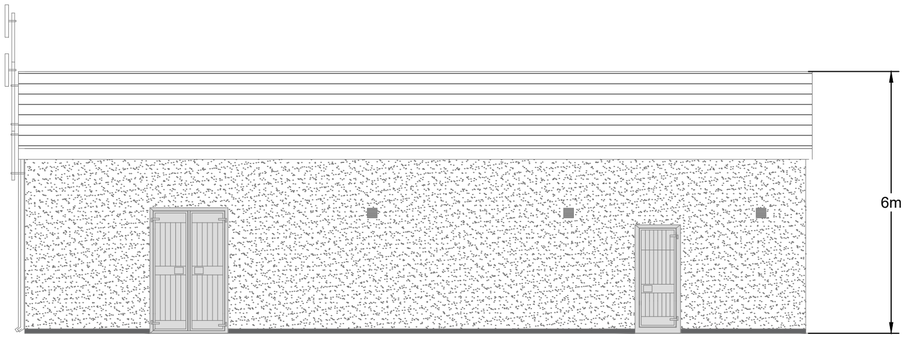
Plan

Scale 1:100



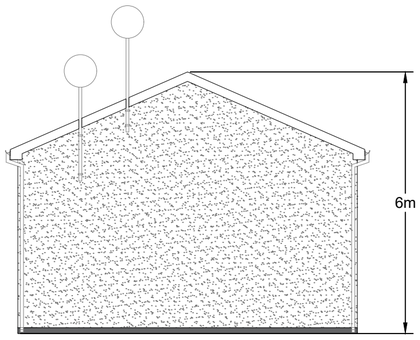
Section A-A

Scale 1:100



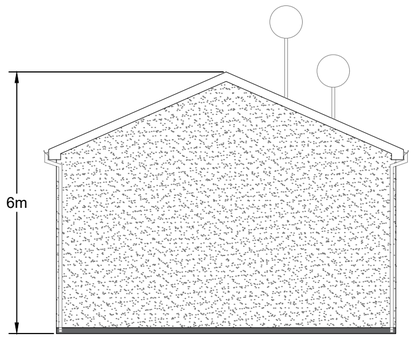
Section B-B

Scale 1:100



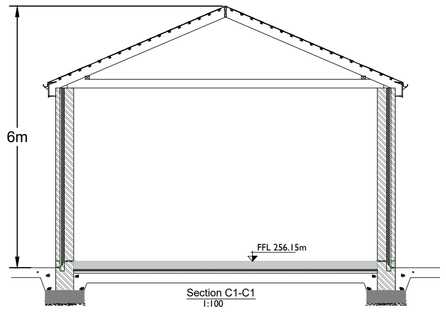
Section C-C

Scale 1:100



Section D-D

Scale 1:100



Section C1-C1

1:100

PROJECT TITLE:

Maughanaclea Renewable Energy Development Co.Cork

DRAWING TITLE:

IPP Building - Plans, Section & Elvations

PROJECT No.:	DRAWING No.:	SCALE:
240225	**240225 - 41**	**As Shown @ A2**

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
KD	**AC**	**25.03.2026**	P01

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

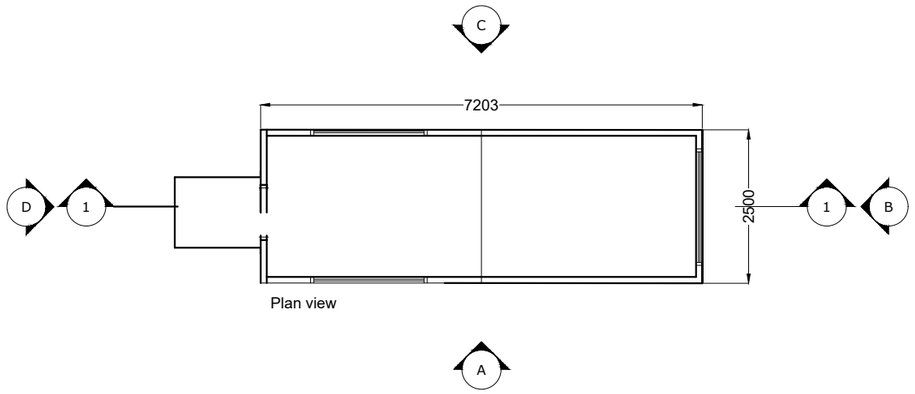
Note:

All dimensions are in millimetres, unless noted otherwise.

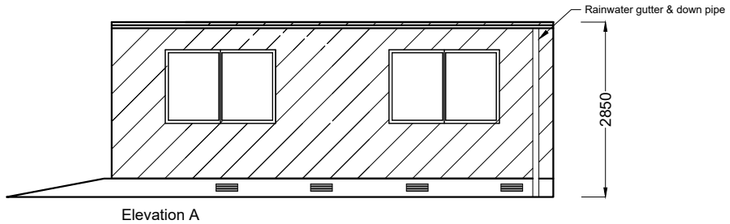
All dimensions to be checked on site and any discrepancy to be reported to the engineer.

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

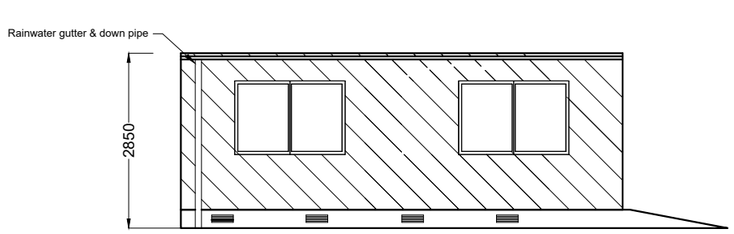
For illustration purposes only. Exact size and appearance of unit subject to manufacturer selection.



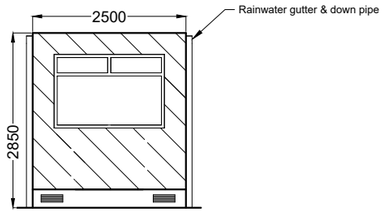
Plan view



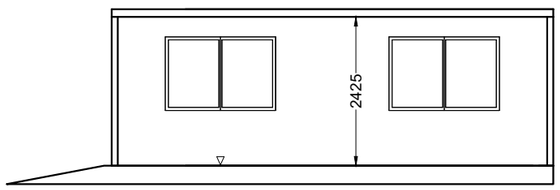
Elevation A



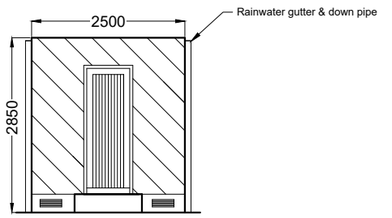
Elevation C



Elevation B



Section 1-1



Elevation D

PROJECT TITLE:
Maughanaclea Renewable Energy Development Co.Cork

DRAWING TITLE:
Security Cabin Detail

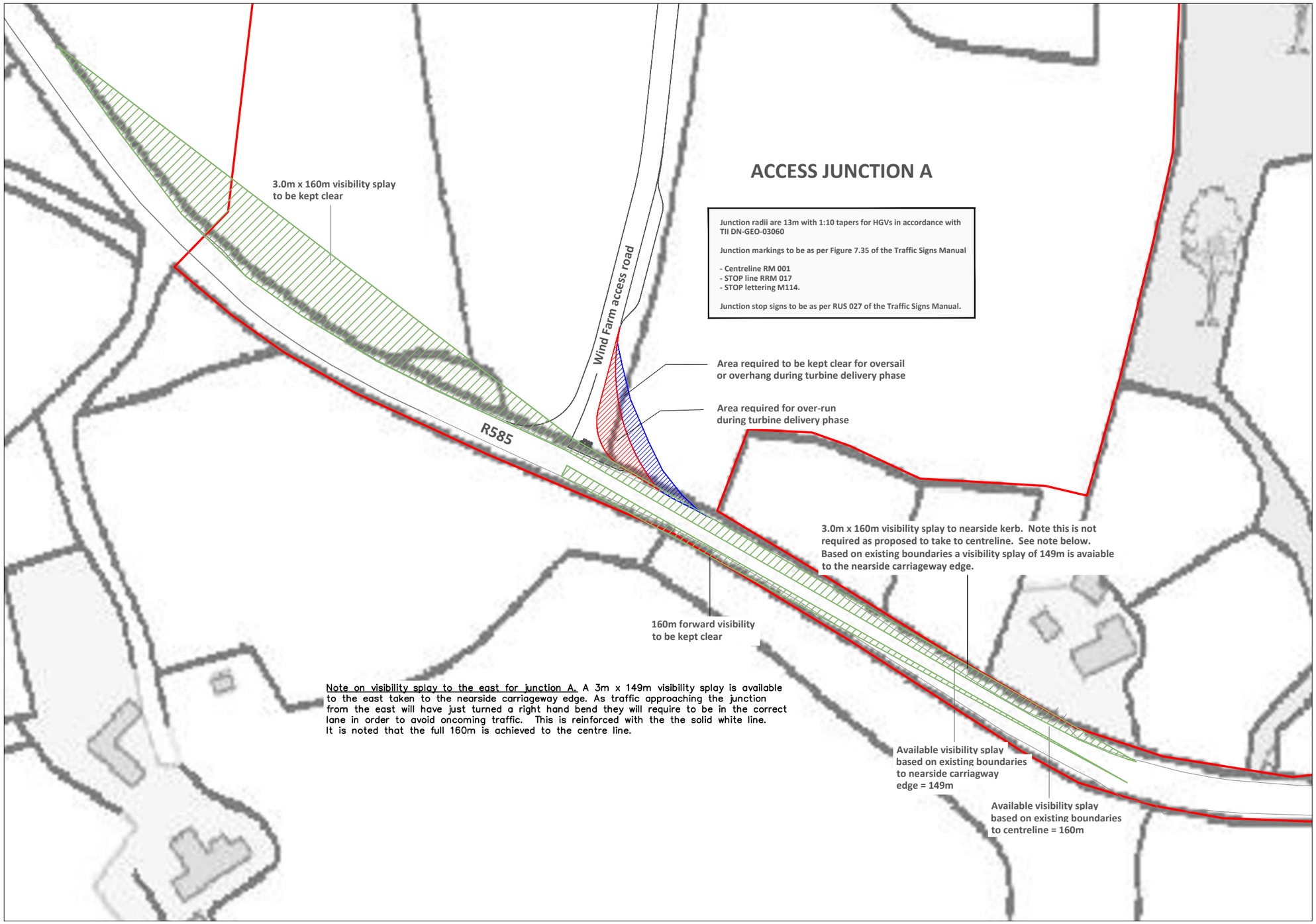
PROJECT No.:	DRAWING No.:	SCALE:
240225	200513 - 42	1:100 @ A3

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
KD	AC	06.03.2026	P01

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

Drawing Legend

- Proposed Track
- Transport Runover Area
- Blade Overhang Area
- Sight Line
- Proposed Application Boundary
- Existing Road/Tracks



ACCESS JUNCTION A

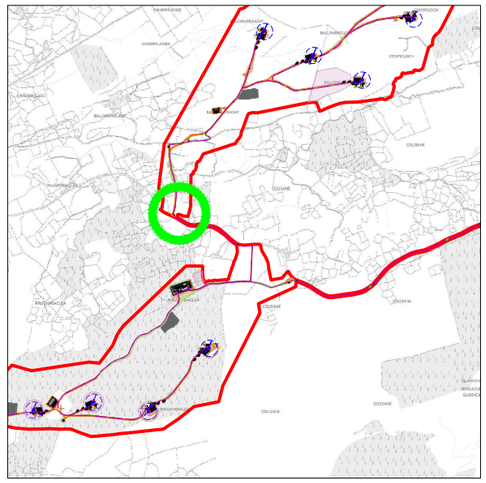
Junction radii are 13m with 1:10 tapers for HGVs in accordance with TII DN-GEO-03060

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

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

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

Note on visibility splay to the east for junction A. A 3m x 149m visibility splay is available to the east taken to the nearside carriageway edge. As traffic approaching the junction from the east will have just turned a right hand bend they will require to be in the correct lane in order to avoid oncoming traffic. This is reinforced with the the solid white line. It is noted that the full 160m is achieved to the centre line.



1:50,000 Location on Context Map

N

N

PROJECT TITLE:
Maughanaclea Renewable Energy Development Co.Cork

DRAWING TITLE:
Proposed Access Junction A

PROJECT No.:	DRAWING No.:	SCALE:
240225	240225 - 43	1:1,000 @ A3

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
KD	AC	25.03.2026	P01

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

ACCESS JUNCTION B

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

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

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

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

3.0m x 160m visibility splay to be kept clear

160m forward visibility to be kept clear

Areas required to be kept clear for oversail or overhang during turbine delivery phase

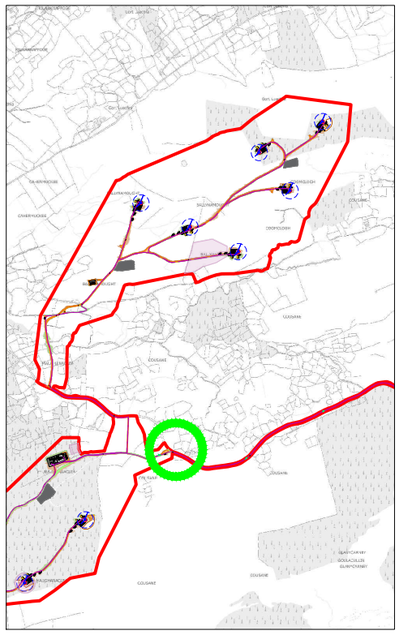
Area required for over-run during turbine delivery phase

Existing access track and proposed Wind Farm Access Road

3.0m x 160m visibility splay to be kept clear

R585

N



1:50,000 Location on Context Map

Drawing Legend

- Proposed Track
- Transport Runover Area
- Blade Overhang Area
- Sight Line
- Proposed Application Boundary
- Existing Road/Tracks

N

PROJECT TITLE:
Maughanaclea Renewable Energy Development Co.Cork

DRAWING TITLE:
Proposed Access Junction B

PROJECT No.:	DRAWING No.:	SCALE:
240225	240225 - 44	1:1,000 @ A3

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
KD	AC	25.03.2026	P01

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

ACCESS JUNCTION C

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

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

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

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

3.0m x 160m visibility splay to be kept clear

3.0m x 160m visibility splay to be kept clear

3.0m x 160m visibility splay to be kept clear

Access for abnormal loads only

Access for abnormal loads only

Areas required to be kept clear for oversail or overhang during turbine delivery phase

L8777

L8777

Wind farm access road

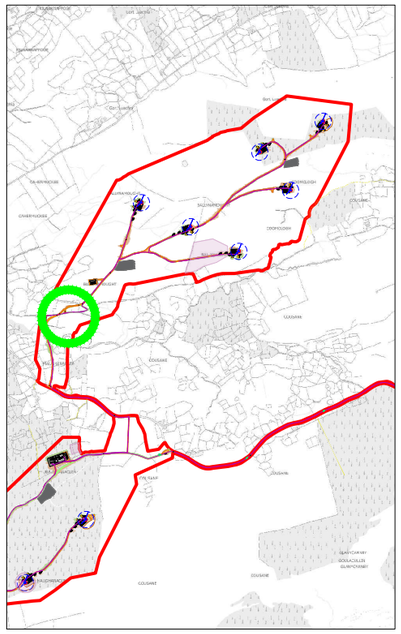
ACCESS JUNCTION D

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

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

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

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



1:50,000 Location on Context Map

Drawing Legend

- Proposed Track
- Transport Runover Area
- Blade Overhang Area
- Sight Line
- Proposed Application Boundary
- Existing Road/Tracks

N

PROJECT TITLE:
Maughanaclea Renewable Energy Development Co.Cork

DRAWING TITLE:
Proposed Access Junction C and D

PROJECT No.:	DRAWING No.:	SCALE:
240225	240225 - 45	1:1,000 @ A3

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
KD	AC	25.03.2026	P01

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