Carrow Wind Farm,
Co. Tipperary and Co. Limerick
Planning Permission Application Drawings

Schedule of Drawings

MKO		
Drawing No.	Drawing Title	Scale
231102 – 01	Location Context Map	1: 60,000 @ A1
231102 – 02	Site Location Map Keyplan	1: 60,000 @ A1
231102 – 02.1	Site Location Map Sheet 1	1:2,500 @ A1
231102 – 02.2	Site Location Map Sheet 2	1:2,500 @ A1
231102 – 02.3	Site Location Map Sheet 3	1:2,500 @ A1
231102 – 02.4	Site Location Map Sheet 4	1:2,500 @ A1
231102 – 02.5	Site Location Map Sheet 5	1:2,500 @ A1
231102 – 02.6	Site Location Map Sheet 6	1:2,500 @ A1
231102 – 02.7	Site Location Map Sheet 7	1:2,500 @ A1
231102 – 02.8	Site Location Map Sheet 8	1:2,500 @ A1
231102 – 02.9	Site Location Map Sheet 9	1:2,500 @ A1
231102 – 02.10	Site Location Map Sheet 10	1:2,500 @ A1
231102 – 02.11	Site Location Map Sheet 11	1:2,500 @ A1
231102 – 02.12	Site Location Map Sheet 12	1:2,500 @ A1
231102 – 02.13	Site Location Map Sheet 13	1:2,500 @ A1
231102 – 02.14	Site Location Map Sheet 14	1:2,500 @ A1
231102 – 02.15	Site Location Map Sheet 15	1:2,500 @ A1
231102 – 02.16	Site Location Map Sheet 16	1:2,500 @ A1
231102 – 02.17	Site Location Map Sheet 17	1:2,500 @ A1
231102 – 02.18	Site Location Map Sheet 18	1:2,500 @ A1
231102 – 02.19	Site Location Map Sheet 19	1:2,500 @ A1
231102 – 02.20	Site Location Map Sheet 20	1:2,500 @ A1
231102 – 02.21	Site Location Map Sheet 21	1:2,500 @ A1
231102 – 02.22	Site Location Map Sheet 22	1:2,500 @ A1
231102 – 02.23	Site Location Map Sheet 23	1:2,500 @ A1
231102 – 02.24	Site Location Map Sheet 24	1:2,500 @ A1
231102 – 02.25	Site Location Map Sheet 25	1:2,500 @ A1
231102 – 02.26	Site Location Map Sheet 26	1:2,500 @ A1
231102 – 02.27	Site Location Map Sheet 27	1:2,500 @ A1
231102 – 02.28	Site Location Map Sheet 28	1:2,500 @ A1
231102 – 02.29	Site Location Map Sheet 29	1:2,500 @ A1
231102 – 02.30	Site Location Map Sheet 30	1:2,500 @ A1
231102 – 02.31	Site Location Map Sheet 31	1:2,500 @ A1
231102 – 02.32	Site Location Map Sheet 32	1:2,500 @ A1
231102 – 02.33	Site Location Map Sheet 33	1:2,500 @ A1
231102 – 02.34	Site Location Map Sheet 34	1:2,500 @ A1
231102 – 03	Site Layout Key Plan (1:5,000)	1: 60,000 @ A1
231102 – 03.1	Site Layout Plan Sheet 1 of 15	1: 5,000 @ A1
231102 – 03.2	Site Layout Plan Sheet 2 of 15	1: 5,000 @ A1
231102 – 03.3	Site Layout Plan Sheet 3 of 15	1: 5,000 @ A1
231102 – 03.4	Site Layout Plan Sheet 4 of 15	1: 5,000 @ A1
231102 – 03.5	Site Layout Plan Sheet 5 of 15	1: 5,000 @ A1
231102 – 03.6	Site Layout Plan Sheet 6 of 15	1: 5,000 @ A1
231102 – 03.7	Site Layout Plan Sheet 7 of 15	1: 5,000 @ A1
231102 – 03.8	Site Layout Plan Sheet 8 of 15	1: 5,000 @ A1
231102 – 03.9	Site Layout Plan Sheet 9 of 15	1: 5,000 @ A1
231102 – 03.10	Site Layout Plan Sheet 10 of 15	1: 5,000 @ A1
231102 – 03.11	Site Layout Plan Sheet 11 of 15	1: 5,000 @ A1
231102 – 03.12	Site Layout Plan Sheet 12 of 15	1: 5,000 @ A1
231102 – 03.13	Site Layout Plan Sheet 13 of 15	1: 5,000 @ A1
231102 – 03.14	Site Layout Plan Sheet 14 of 15	1: 5,000 @ A1
231102 – 03.15	Site Layout Plan Sheet 15 of 15	1: 5,000 @ A1
231102 – 04	Site Layout Key Plan (1:2,500)	1: 60,000 @ A1
231102 – 04.1	Site Layout Plan Sheet 1 of 34	1: 2,500 @ A1
231102 – 04.2	Site Layout Plan Sheet 2 of 34	1: 2,500 @ A1
231102 – 04.3	Site Layout Plan Sheet 3 of 34	1: 2,500 @ A1
231102 – 04.4	Site Layout Plan Sheet 4 of 34	1: 2,500 @ A1
231102 – 04.5	Site Layout Plan Sheet 5 of 34	1: 2,500 @ A1
231102 – 04.6	Site Layout Plan Sheet 6 of 34	1: 2,500 @ A1
231102 – 04.7	Site Layout Plan Sheet 7 of 34	1: 2,500 @ A1
231102 – 04.8	Site Layout Plan Sheet 8 of 34	1: 2,500 @ A1
231102 – 04.9	Site Layout Plan Sheet 9 of 34	1: 2,500 @ A1
231102 – 04.10	Site Layout Plan Sheet 10 of 34	1: 2,500 @ A1
231102 – 04.11	Site Layout Plan Sheet 11 of 34	1: 2,500 @ A1
231102 – 04.12	Site Layout Plan Sheet 12 of 34	1: 2,500 @ A1
231102 – 04.13	Site Layout Plan Sheet 13 of 34	1: 2,500 @ A1
231102 – 04.14	Site Layout Plan Sheet 14 of 34	1: 2,500 @ A1
231102 – 04.15	Site Layout Plan Sheet 15 of 34	1: 2,500 @ A1
231102 – 04.16	Site Layout Plan Sheet 16 of 34	1: 2,500 @ A1

Continued →

231102 – 04.17	Site Layout Plan Sheet 17 of 34	1: 2,500 @ A1
231102 – 04.18	Site Layout Plan Sheet 18 of 34	1: 2,500 @ A1
231102 – 04.19	Site Layout Plan Sheet 19 of 34	1: 2,500 @ A1
231102 – 04.20	Site Layout Plan Sheet 20 of 34	1: 2,500 @ A1
231102 – 04.21	Site Layout Plan Sheet 21 of 34	1: 2,500 @ A1
231102 – 04.22	Site Layout Plan Sheet 22 of 34	1: 2,500 @ A1
231102 – 04.23	Site Layout Plan Sheet 23 of 34	1: 2,500 @ A1
231102 – 04.24	Site Layout Plan Sheet 24 of 34	1: 2,500 @ A1
231102 – 04.25	Site Layout Plan Sheet 25 of 34	1: 2,500 @ A1
231102 – 04.26	Site Layout Plan Sheet 26 of 34	1: 2,500 @ A1
231102 – 04.27	Site Layout Plan Sheet 27 of 34	1: 2,500 @ A1
231102 – 04.28	Site Layout Plan Sheet 28 of 34	1: 2,500 @ A1
231102 – 04.29	Site Layout Plan Sheet 29 of 34	1: 2,500 @ A1
231102 – 04.30	Site Layout Plan Sheet 30 of 34	1: 2,500 @ A1
231102 – 04.31	Site Layout Plan Sheet 31 of 34	1: 2,500 @ A1
231102 – 04.32	Site Layout Plan Sheet 32 of 34	1: 2,500 @ A1
231102 – 04.33	Site Layout Plan Sheet 33 of 34	1: 2,500 @ A1
231102 – 04.34	Site Layout Plan Sheett 34 of 34	1: 2,500 @ A1
231102 – 05	Turbine 1 Layout	1: 500 @ A3
231102 – 06	Turbine 2 Layout	1: 500 @ A3
231102 – 07	Turbine 3 Layout	1: 500 @ A3
231102 – 08	Turbine 4 Layout	1: 500 @ A3
231102 – 09	Turbine 5 Layout	1: 500 @ A3
231102 – 10	Turbine 6 Layout	1: 500 @ A3
231102 – 11	Turbine 7 Layout	1: 500 @ A3
231102 – 12	Turbine 8 Layout	1: 500 @ A3
231102 – 13	Turbine 9 Layout	1: 500 @ A3
231102 – 14	Turbine 10 Layout	1: 500 @ A3
231102 – 15	Turbine 11 Layout	1: 500 @ A3
231102 – 16	Turbine 12 Layout	1: 500 @ A3
231102 – 17	Turbine 13 Layout	1: 500 @ A3
231102 – 18	Turbine 14 Layout	1: 500 @ A3
231102 – 19	Wind Turbine Elevation & Plan	1: 500 @ A1
231102 – 20	Gravity Foundations Details	As Shown @ A3
231102 – 21	Bored Pile Foundations Details	As Shown @ A3
231102 – 22	Driven Pile Foundations Details	As Shown @ A3
231102 – 23	Temporary Construction Compound 1	1:500 @ A3
231102 – 24	Temporary Construction Compound 2	1:200 @ A3
231102 – 25	Temporary Construction Compound 3	1:200 @ A3
231102 – 26	Site Substation Compound Layout	1: 500 @A1
231102 – 27.1	Site Substation Sectional Elevations	1: 200 @A1
231102 – 27.2	Site Substation Sectional Elevations	As Shown @A1
231102 – 27.3	Site Substation Sectional Elevations	As Shown @A1
231102 – 28.1	EirGrid Building Plan & Elevations	1: 200 @A3
231102 – 28.2	IPP Building Plan & Elevations	As Shown @ A3
231102 – 29	Battery Storage Container	1: 100 @A3
231102 – 30	Borrow Pit 1 Layout and Sections	1:500 @ A1
231102 – 31	Borrow Pit 2 Layout and Sections	1:500 @ A2
231102 – 32	Free Standing Met Mast	1:500 @ A3
231102 – 33	Excavated Roads Sections	1:75@ A3
231102 – 34	Permanent Signage Detail	1:20 @A3
231102 – 35	Wheel Wash Detail	1:50 @A3
231102 – 36	Field Gate Detail	1:20 @ A3
231102 – 37	Site Office & Staff Facilities Detail	1:100 @ A3
231102 - 38	Stock Fence Detail, Elevation & Indicative Images	1:20 @ A3
231102 – 39	Clear Span Watercourse Crossing	1:50 @ A3
231102 – 40	Spoil Management Areas	1:40 @ A3
231102 – 41	Spoil Management Areas	1:40 @ A3
231102 – 42	Foul Water Holding Tank Detail	1:25 @ A3
231102 – 43	Joint Bay Detail	1:25 @ A3
231102 – 44	C2 Comms Chamber Detail	1:20 @ A3
231102 – 45	Roadside Cable Trench Cross Section	1:10 @ A3
231102 – 46	Cable Trench Over Culvert	1:30 @ A3
231102 – 47	Cable Trench Under Piped Culvert	As Shown @ A3
231102 – 48	Cable Trench Flatbed Formation Over Piped Culvert	As Shown @ A3
231102 – 49	33kV Cable Trench Sections	1:10 @ A3
231102 – 50	Directional Drilling	1:200 @ A3
231102 – 51	Proposed Access Junction A	1:1,000 @ A3
231102 – 52	Proposed Access Junction B	1:1,000 @ A3
231102 – 53	Proposed Access Junction C	1:1,000 @ A3
231102 – 54	Proposed Access Junction D & E	1:1,000 @ A3
231102 – 55	Proposed Access Junction F & G	1:1,000 @ A3
231102 – 56	Proposed Access Junction H	1:1,000 @ A3
231102 – 57	Proposed Access Junction I	1:1,000 @ A3
231102 – 58	Proposed Access Junction J	1:1,000 @ A3
231102 – 59	Proposed Access Junction K	1:1,000 @ A3
231102 – 60	Proposed Felling Areas	1:25,000 @ A3

Continued →

231102 – 61	Proposed Grid Crossing Adjacent to OBL 13	As Shown @ A2
HES		
Drawing No.	**Drawing Title**	**Scale**
P1685-0_D101	Proposed Drainage Layout - D101 - Rev B	1:2000 @ A1
P1685-0_D102	Proposed Drainage Layout - D102 - Rev B	1:2000 @ A1
P1685-0_D103	Proposed Drainage Layout - D103 - Rev B	1:2000 @ A1
P1685-0_D104	Proposed Drainage Layout - D104 - Rev B	1:2000 @ A1
P1685-0_D105	Proposed Drainage Layout - D105 - Rev B	1:2000 @ A1
P1685-0_D106	Proposed Drainage Layout - D106 - Rev B	1:2000 @ A1
P1685-0_D107	Proposed Drainage Layout - D107 - Rev B	1:2000 @ A1
P1685-0_D501	Proposed Drainage Details Sheet 1 - D501 - Rev A	Varies @A1
P1685-0_D502	Proposed Drainage Details Sheet 2 - D502 - Rev A	Varies @A1
P1685-0_D503	Proposed Drainage Details Sheet 3 - D503 - Rev A	Varies @A1

Continued →

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

Drawing Legend

- Planning Application Boundary
- Area not apart of Application

SITE LOCATION



SITE LOCATION - N.T.S

PROJECT TITLE: **Carrow Wind Farm, Co. Tipperary & Co. Limerick**

DRAWING TITLE:

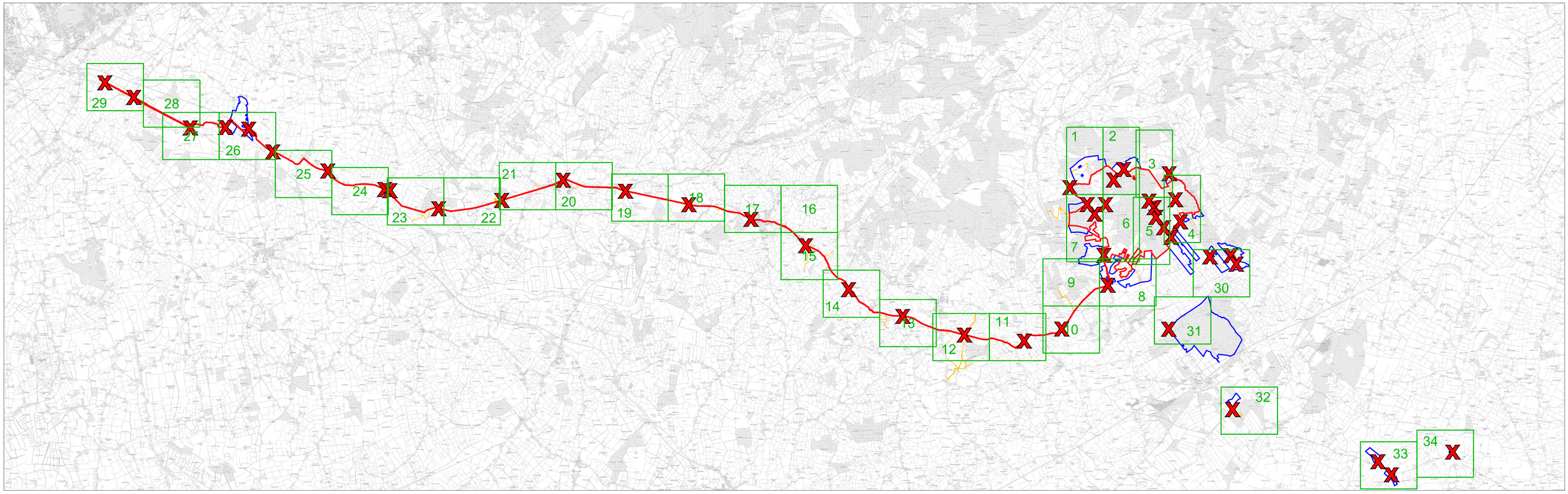
Location Context Map

PROJECT No.:	DRAWING No.:	SCALE:
231102	231102 - 01	1:60,000 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25/03/2026	P02

OS SHEET No.:
OS1612, OS1614, OS1812, OS1814, OS2012, OS2014

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Drawing Legend

- Planning Application Boundary
- Area not apart of Application
- Landowners Boundary
- Site Notice
- Wayleave

N

PROJECT TITLE: **Carrow Wind Farm, Co. Tipperary & Co. Limerick**

DRAWING TITLE: **Site Location Map Keyplan**

PROJECT No.:	DRAWING No.:	SCALE:
231102	231102 - 02	1:60,000 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25/03/2026	P02

OS SHEET No.:
4744, 4745, 4746, 4747, 4748, 4749, 4750, 4751, 4752, 4753, 4754, 4755, 4814, 4815, 4804, 4805, 4806, 4807, 4808, 4809, 4810, 4811, 4812, 4813, 4877, 4878, 4867, 4868, 4869, 4870, 4871, 4872, 4873, 4874, 4875, 4876, 4938, 4939, 4940, 4929, 4930, 4931, 4932, 4933, 4934, 4935, 4936, 4937, 4989, 4990, 4991, 4992, 4993, 4994, 4995, 4996, 4997, 4998, 4999, 5000

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

Drawing Legend

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

FOILMACDUFF

HILL

GLENPAUDEEN

MOHERAGH

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Site Location Map Sheet 1

PROJECT No.:	DRAWING No.:	SCALE:
231102	231102 - 02.1	1:2,500 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

OS SHEET No.:
4744, 4745, 4746, 4747, 4748, 4749, 4750, 4751, 4752, 4753, 4754, 4755, 4814, 4815, 4804, 4805, 4806, 4807, 4808, 4809, 4810, 4811, 4812, 4813, 4877, 4878, 4867, 4868, 4869, 4870, 4871, 4872, 4873, 4874, 4875, 4876, 4938, 4939, 4940, 4929, 4930, 4931, 4932, 4933, 4934, 4935, 4936, 4937, 4989, 4990, 4991, 4992, 4993, 4994, 4995, 4996, 4997, 4998, 4999, 5000

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

Drawing Legend

- Planning Application Boundary
- Area not apart of Application
- Landowners Boundary
- Site Notice
- Wayleave

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Site Location Map Sheet 2

PROJECT No.:	DRAWING No.:	SCALE:
231102	231102 - 02.2	1:2,500 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

OS SHEET No.:
4744, 4745, 4746, 4747, 4748, 4749, 4750, 4751, 4752, 4753, 4754, 4755, 4814, 4815, 4804, 4805, 4806, 4807, 4808, 4809, 4810, 4811, 4812, 4813, 4877, 4878, 4867, 4868, 4869, 4870, 4871, 4872, 4873, 4874, 4875, 4876, 4938, 4939, 4940, 4929, 4930, 4931, 4932, 4933, 4934, 4935, 4936, 4937, 4989, 4990, 4991, 4992, 4993, 4994, 4995, 4996, 4997, 4998, 4999, 5000

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Drawing Legend

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

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Site Location Map Sheet 3

PROJECT No.:	DRAWING No.:	SCALE:
231102	231102 - 02.3	1:2,500 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

OS SHEET No.:
4744, 4745, 4746, 4747, 4748, 4749, 4750, 4751, 4752, 4753, 4754, 4755, 4814, 4815, 4804, 4805, 4806, 4807, 4808, 4809, 4810, 4811, 4812, 4813, 4877, 4878, 4867, 4868, 4869, 4870, 4871, 4872, 4873, 4874, 4875, 4876, 4938, 4939, 4940, 4929, 4930, 4931, 4932, 4933, 4934, 4935, 4936, 4937, 4989, 4990, 4991, 4992, 4993, 4994, 4995, 4996, 4997, 4998, 4999, 5000

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Drawing Legend

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

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Site Location Map Sheet 4

PROJECT No.:	DRAWING No.:	SCALE:
231102	231102 - 02.4	1:2,500 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

OS SHEET No.:
4744, 4745, 4746, 4747, 4748, 4749, 4750, 4751, 4752, 4753, 4754, 4755, 4814, 4815, 4804, 4805, 4806, 4807, 4808, 4809, 4810, 4811, 4812, 4813, 4877, 4878, 4867, 4868, 4869, 4870, 4871, 4872, 4873, 4874, 4875, 4876, 4938, 4939, 4940, 4929, 4930, 4931, 4932, 4933, 4934, 4935, 4936, 4937, 4989, 4990, 4991, 4992, 4993, 4994, 4995, 4996, 4997, 4998, 4999, 5000

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Drawing Legend

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

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Site Location Map Sheet 5

PROJECT No.:	DRAWING No.:	SCALE:
231102	231102 - 02.5	1:2,500 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

OS SHEET No.:
4744, 4745, 4746, 4747, 4748, 4749, 4750, 4751, 4752, 4753, 4754, 4755, 4814, 4815, 4804, 4805, 4806, 4807, 4808, 4809, 4810, 4811, 4812, 4813, 4877, 4878, 4867, 4868, 4869, 4870, 4871, 4872, 4873, 4874, 4875, 4876, 4938, 4939, 4940, 4929, 4930, 4931, 4932, 4933, 4934, 4935, 4936, 4937, 4989, 4990, 4991, 4992, 4993, 4994, 4995, 4996, 4997, 4998, 4999, 5000

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

Drawing Legend

- Planning Application Boundary
- Area not apart of Application
- Landowners Boundary
- Site Notice
- Wayleave

LENPAUDEEN

MOHERAGH

MOHERAGH

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N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Site Location Map Sheet 6

PROJECT No.:	DRAWING No.:	SCALE:
231102	231102 - 02.6	1:2,500 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

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

Drawing Legend

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

GLENPAUDEEN

GL

MOHERAGH

BONAREA

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Site Location Map Sheet 7

PROJECT No.:	DRAWING No.:	SCALE:
231102	231102 - 02.7	1:2,500 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

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

Drawing Legend

- Planning Application Boundary
- Area not apart of Application
- Landowners Boundary
- X — Site Notice
- Wayleave

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Site Location Map Sheet 8

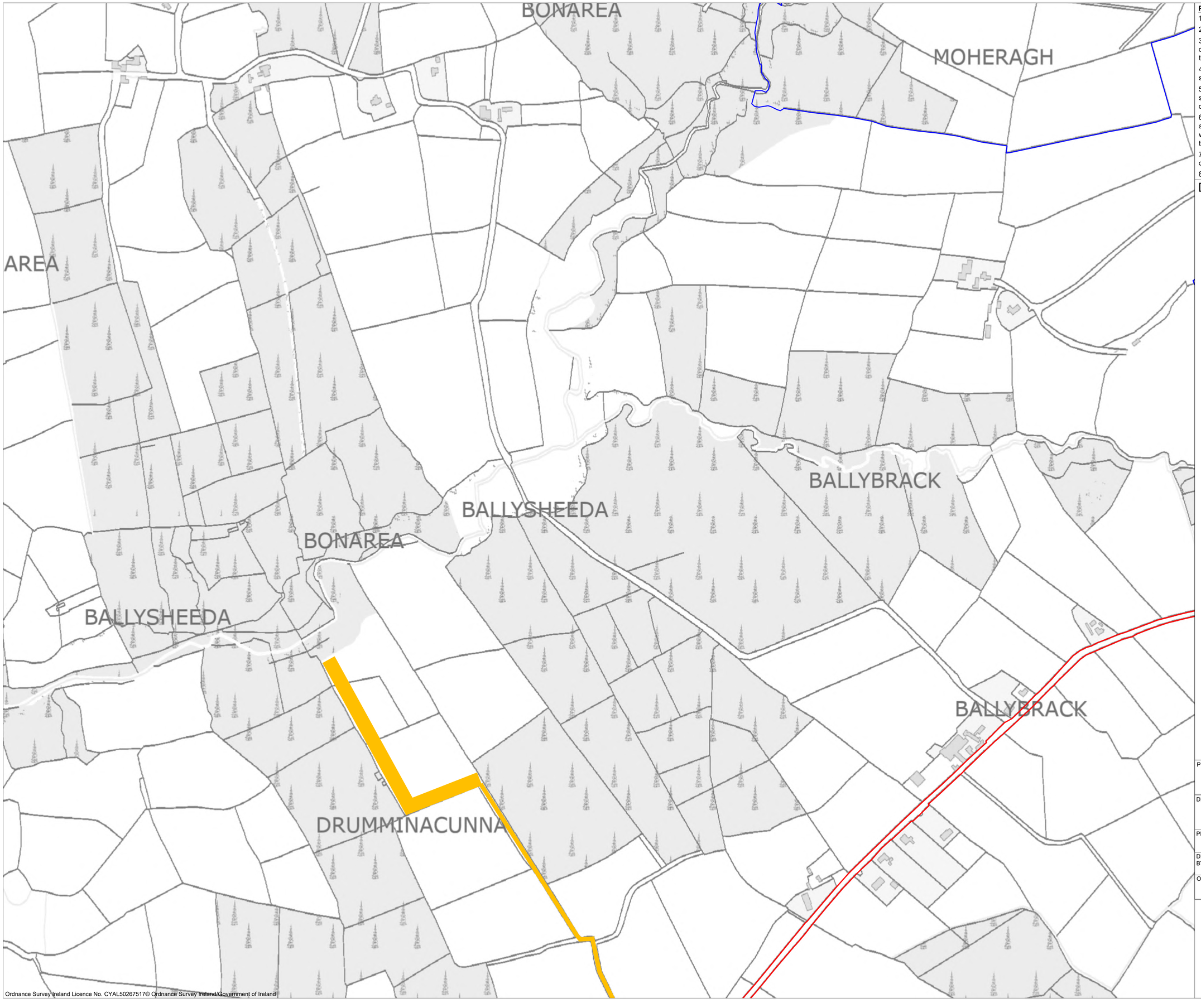
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DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

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

Drawing Legend

- Planning Application Boundary
- Landowners Boundary
- Wayleave

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Site Location Map Sheet 9

PROJECT No.:	DRAWING No.:	SCALE:
231102	231102 - 02.9	1:2,500 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

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

Drawing Legend

- Planning Application Boundary
- X — Site Notice
- Wayleave

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Site Location Map Sheet 10

PROJECT No.:	DRAWING No.:	SCALE:
231102	231102 - 02.10	1:2,500 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

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

Drawing Legend

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

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Site Location Map Sheet 11

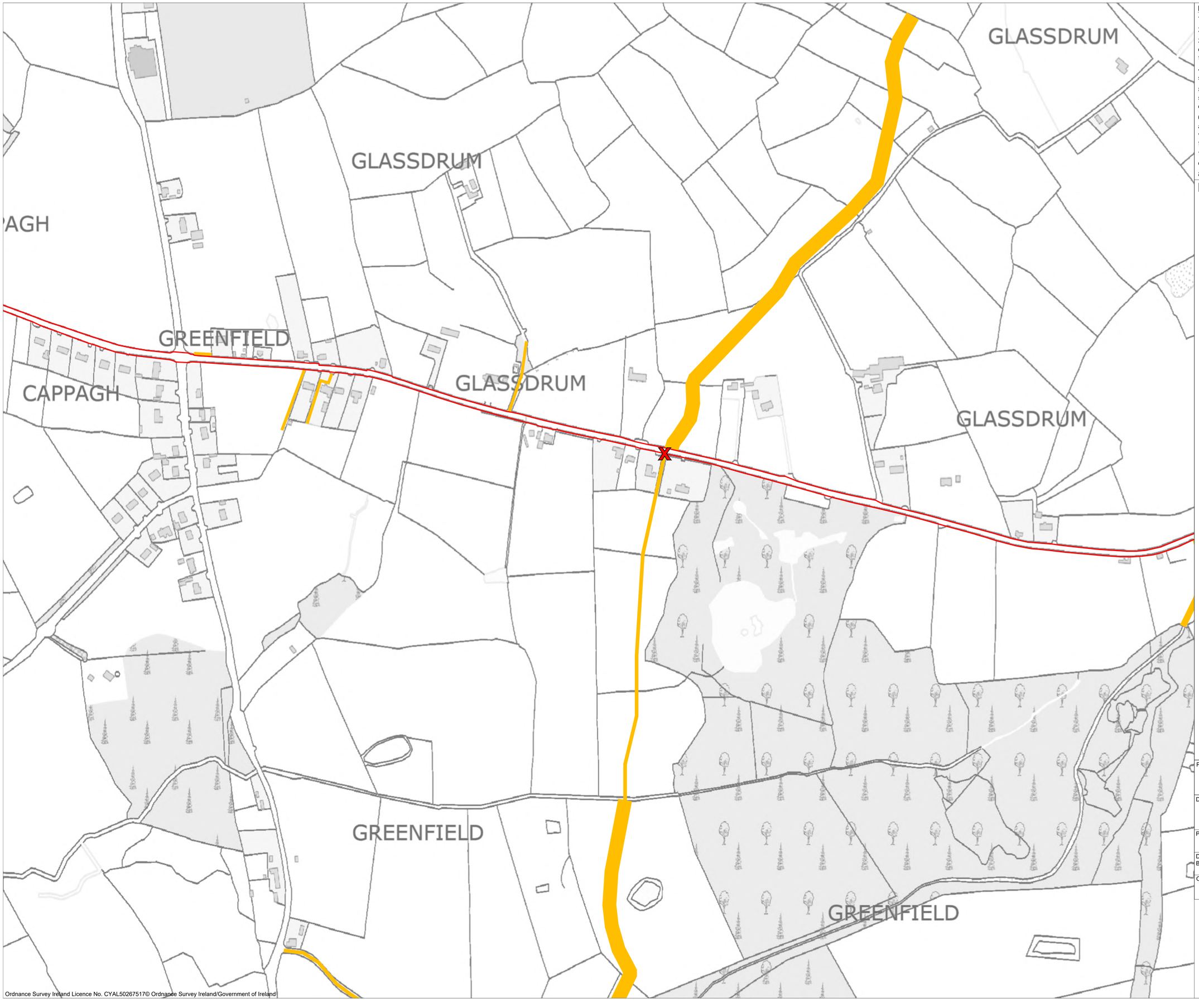
PROJECT No.:	DRAWING No.:	SCALE:
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DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

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

Drawing Legend

- Planning Application Boundary
- Site Notice
- Wayleave

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Site Location Map Sheet 12

PROJECT No.:	DRAWING No.:	SCALE:
231102	231102 - 02.12	1:2,500 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

OS SHEET No.:
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KNOCKANE

KNOCKANE

CAPPAGH

KILBEG

KILBEG

LONGANHUE

KILBEG

CAPPAGH

CAPPAGH

KILBEG

KILBEG

KILBEG

PHILIPSTON

PHILIPSTON

CAPPAGH

CAPP

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

Drawing Legend

- Planning Application Boundary
- Site Notice
- Wayleave

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

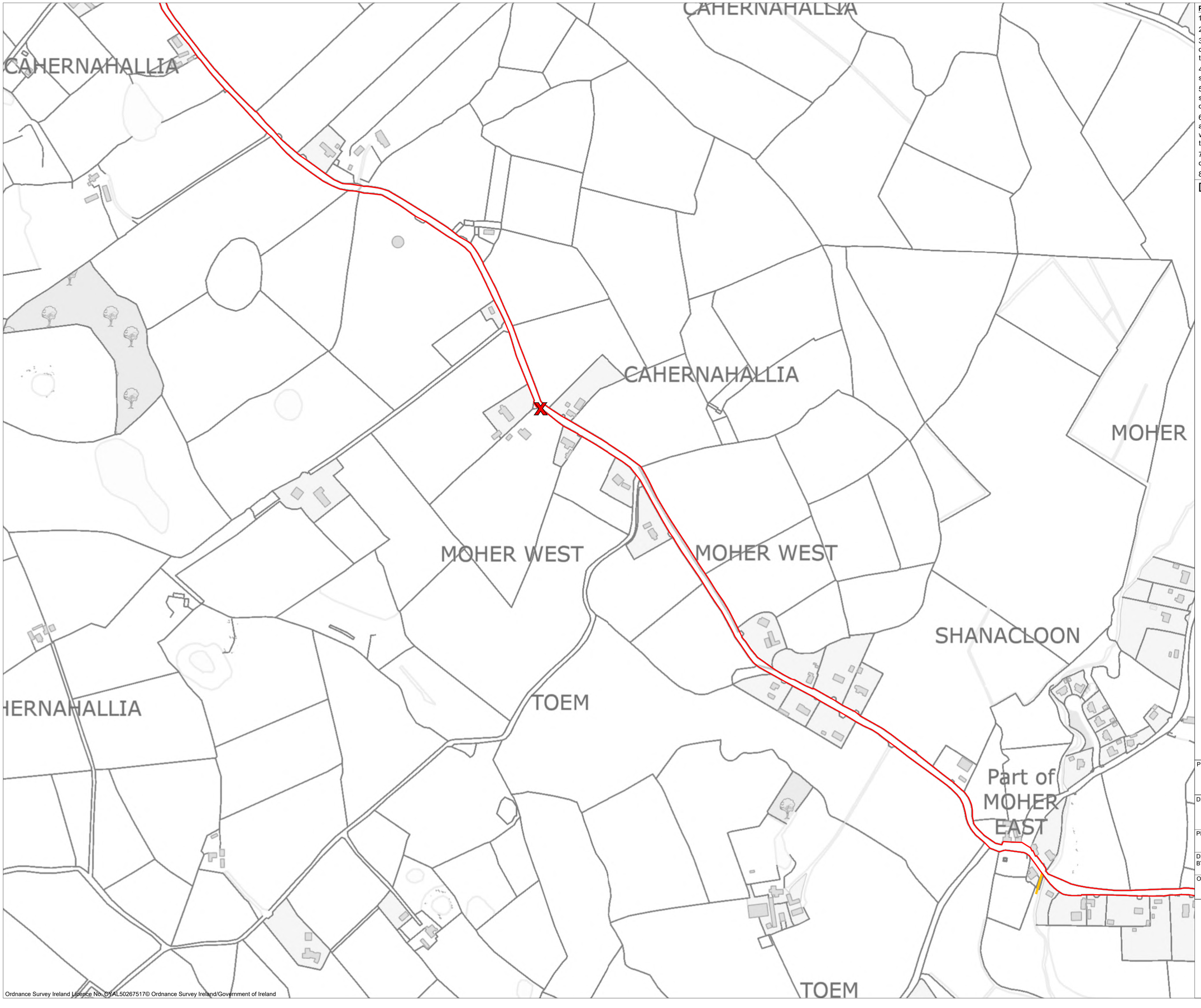
DRAWING TITLE:
Site Location Map Sheet 13

PROJECT No.:	DRAWING No.:	SCALE:
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DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

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

Drawing Legend

- Planning Application Boundary
- Site Notice
- Wayleave

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

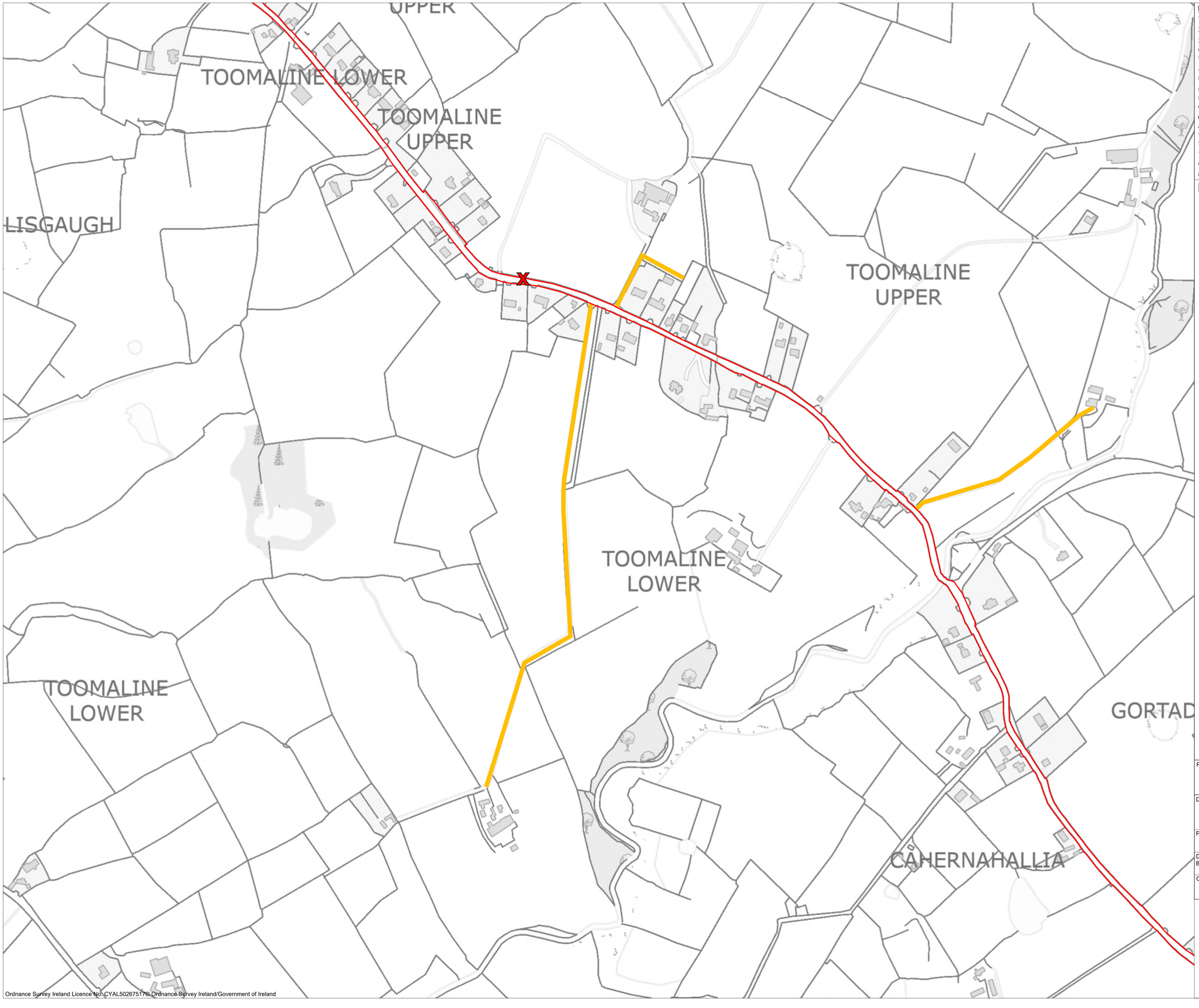
DRAWING TITLE:
Site Location Map Sheet 14

PROJECT No.:	DRAWING No.:	SCALE:
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DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

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

Drawing Legend

- Planning Application Boundary
- Site Notice
- Wayleave

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Site Location Map Sheet 15

PROJECT No.:	DRAWING No.:	SCALE:
231102	231102 - 02.15	1:2,500 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

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

Drawing Legend

- Planning Application Boundary
- Wayleave

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Site Location Map Sheet 16

PROJECT No.:	DRAWING No.:	SCALE:
231102	231102 - 02.16	1:2,500 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

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

Drawing Legend

- Planning Application Boundary
- Site Notice
- Wayleave

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Site Location Map Sheet 17

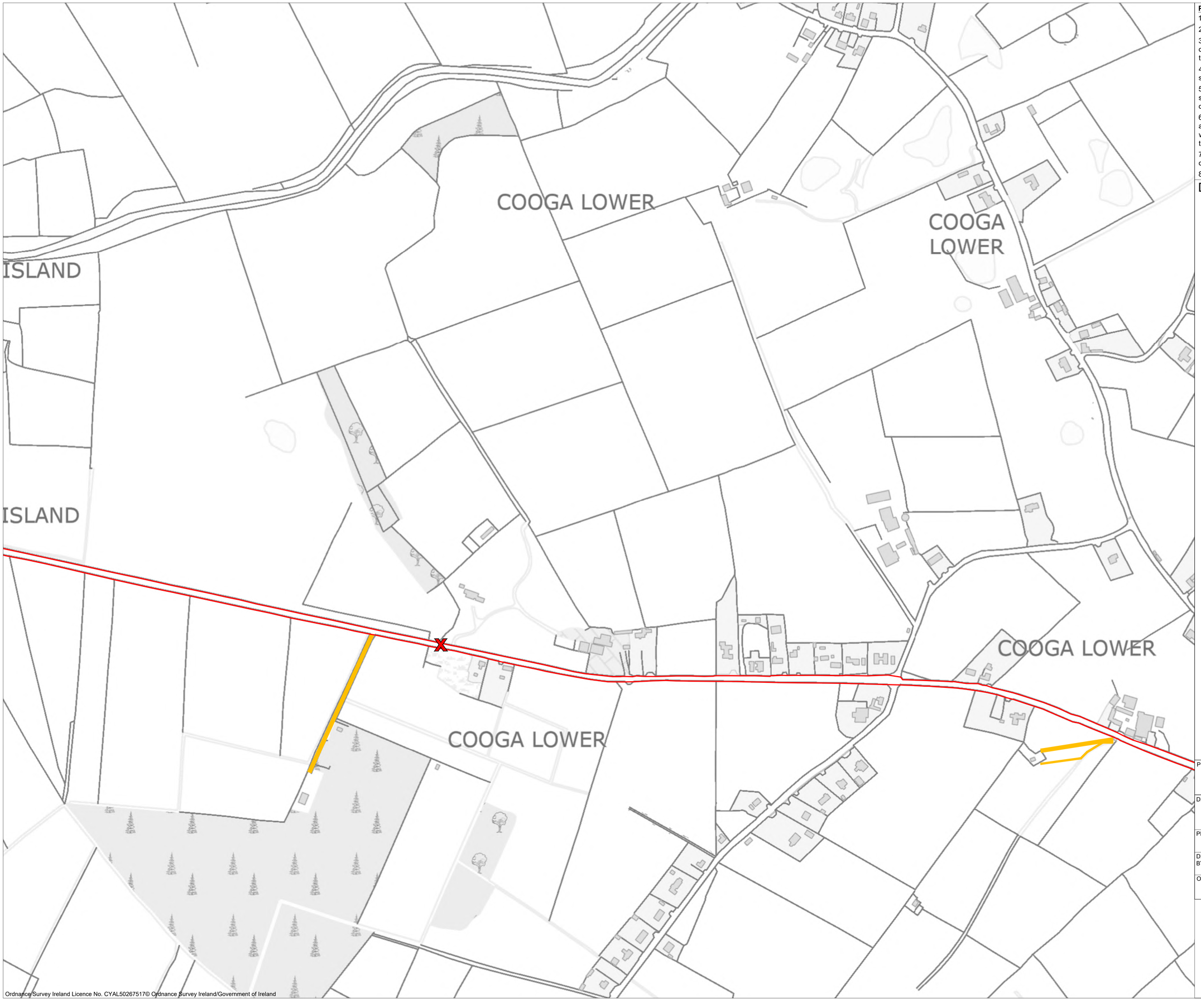
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DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

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

Drawing Legend

- Planning Application Boundary
- Site Notice
- Wayleave

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Site Location Map Sheet 18

PROJECT No.:	DRAWING No.:	SCALE:
231102	231102 - 02.18	1:2,500 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

OS SHEET No.:
4744, 4745, 4746, 4747, 4748, 4749, 4750, 4751, 4752, 4753, 4754, 4755, 4814, 4815, 4804, 4805, 4806, 4807, 4808, 4809, 4810, 4811, 4812, 4813, 4877, 4878, 4867, 4868, 4869, 4870, 4871, 4872, 4873, 4874, 4875, 4876, 4938, 4939, 4940, 4929, 4930, 4931, 4932, 4933, 4934, 4935, 4936, 4937, 4989, 4990, 4991, 4992, 4993, 4994, 4995, 4996, 4997, 4998, 4999, 5000

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BALLYCOSHOWN

COSHOWN

NACARRIGA

KNOCKNACARRIGA

DARKISLAND

DARKI

DARKISLAND

BALLYCOSHOWN

DARKI

IGA

KNOCKNACARRIGA

GORTNAGARDE

GORTMANNA

GORTAVALLA NORTH

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

Drawing Legend

- Planning Application Boundary
- Site Notice
- Wayleave

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Site Location Map Sheet 19

PROJECT No.:	DRAWING No.:	SCALE:
231102	231102 - 02.19	1:2,500 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

OS SHEET No.:
4744, 4745, 4746, 4747, 4748, 4749, 4750, 4751, 4752, 4753, 4754, 4755, 4814, 4815, 4804, 4805, 4806, 4807, 4808, 4809, 4810, 4811, 4812, 4813, 4877, 4878, 4867, 4868, 4869, 4870, 4871, 4872, 4873, 4874, 4875, 4876, 4938, 4939, 4940, 4929, 4930, 4931, 4932, 4933, 4934, 4935, 4936, 4937, 4989, 4990, 4991, 4992, 4993, 4994, 4995, 4996, 4997, 4998, 4999, 5000

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

Drawing Legend

- Planning Application Boundary
- X — Site Notice
- Wayleave

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

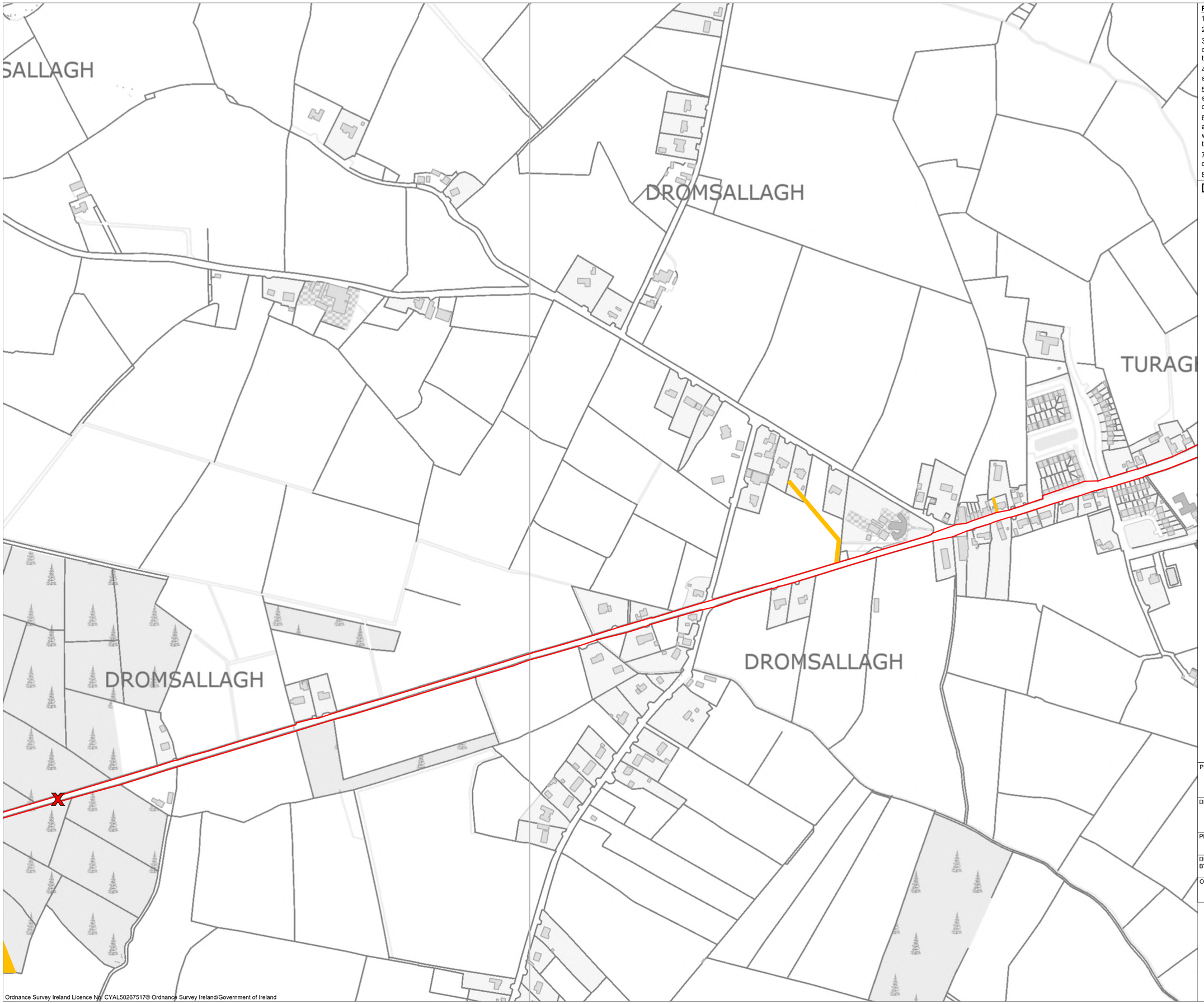
DRAWING TITLE:
Site Location Map Sheet 20

PROJECT No.:	DRAWING No.:	SCALE:
231102	231102 - 02.20	1:2,500 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

OS SHEET No.:
4744, 4745, 4746, 4747, 4748, 4749, 4750, 4751, 4752, 4753, 4754, 4755, 4814, 4815, 4804, 4805, 4806, 4807, 4808, 4809, 4810, 4811, 4812, 4813, 4877, 4878, 4867, 4868, 4869, 4870, 4871, 4872, 4873, 4874, 4875, 4876, 4938, 4939, 4940, 4929, 4930, 4931, 4932, 4933, 4934, 4935, 4936, 4937, 4989, 4990, 4991, 4992, 4993, 4994, 4995, 4996, 4997, 4998, 4999, 5000

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

Drawing Legend

- Planning Application Boundary
- Site Notice
- Wayleave

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Site Location Map Sheet 21

PROJECT No.:	DRAWING No.:	SCALE:
231102	231102 - 02.21	1:2,500 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

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

Drawing Legend

- Planning Application Boundary
- Wayleave

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

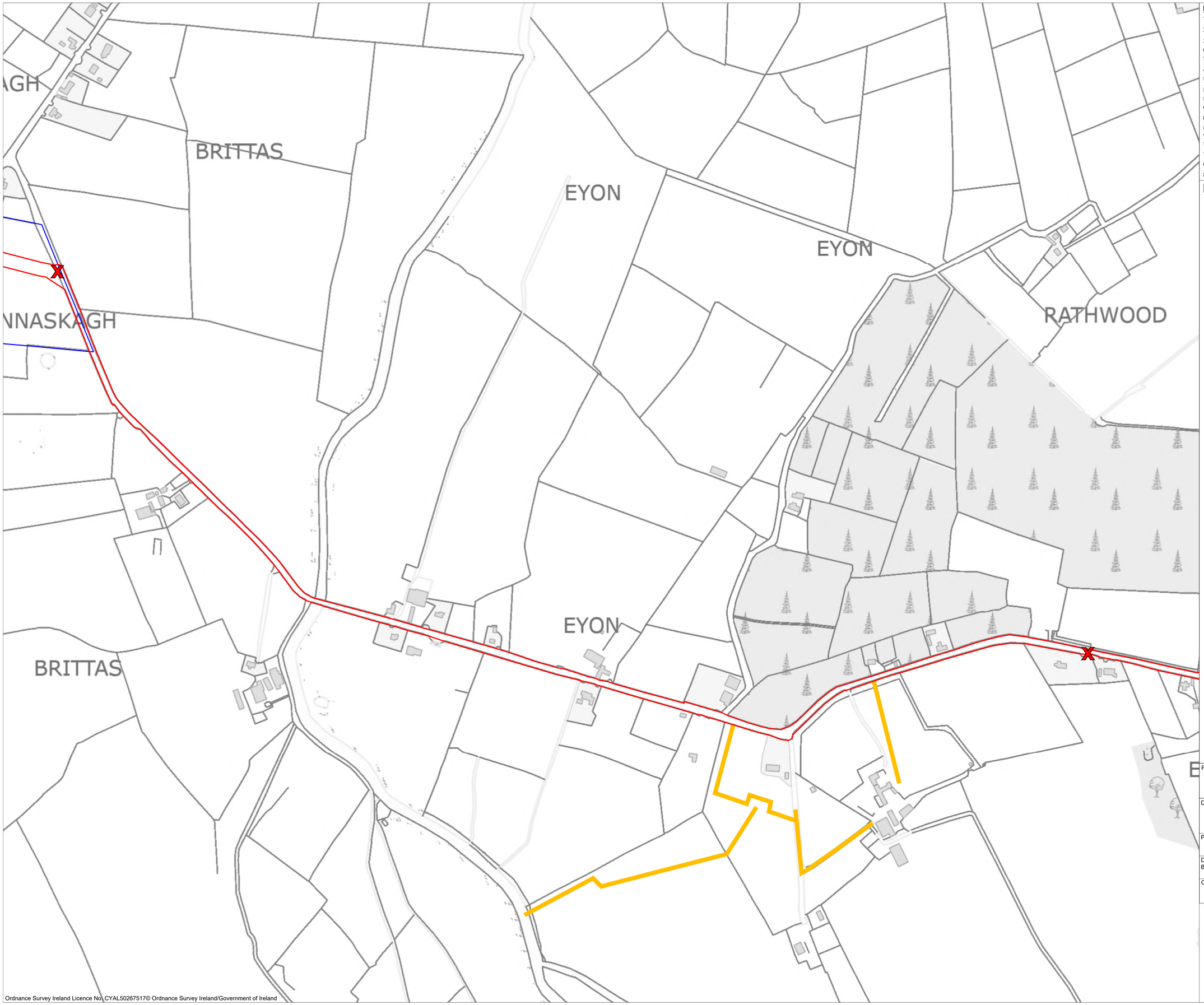
DRAWING TITLE:
Site Location Map Sheet 22

PROJECT No.:	DRAWING No.:	SCALE:
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DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

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

Drawing Legend

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

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Site Location Map Sheet 23

PROJECT No.:	DRAWING No.:	SCALE:
231102	231102 - 02.23	1:2,500 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

OS SHEET No.:
4744, 4745, 4746, 4747, 4748, 4749, 4750, 4751, 4752, 4753, 4754, 4755, 4814, 4815, 4804, 4805, 4806, 4807, 4808, 4809, 4810, 4811, 4812, 4813, 4877, 4878, 4867, 4868, 4869, 4870, 4871, 4872, 4873, 4874, 4875, 4876, 4938, 4939, 4940, 4929, 4930, 4931, 4932, 4933, 4934, 4935, 4936, 4937, 4989, 4990, 4991, 4992, 4993, 4994, 4995, 4996, 4997, 4998, 4999, 5000

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KILLINURE

GORTEENNASKAGH

GORTEENNASKAG

KILLINURE

GORTEENNASKAGH

GORTEENN

GRANGE WEST

BRITTAS

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

Drawing Legend

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

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Site Location Map Sheet 24

PROJECT No.:	DRAWING No.:	SCALE:
231102	231102 - 02.24	1:2,500 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

OS SHEET No.:
4744, 4745, 4746, 4747, 4748, 4749, 4750, 4751, 4752, 4753, 4754, 4755, 4814, 4815, 4804, 4805, 4806, 4807, 4808, 4809, 4810, 4811, 4812, 4813, 4877, 4878, 4867, 4868, 4869, 4870, 4871, 4872, 4873, 4874, 4875, 4876, 4938, 4939, 4940, 4929, 4930, 4931, 4932, 4933, 4934, 4935, 4936, 4937, 4989, 4990, 4991, 4992, 4993, 4994, 4995, 4996, 4997, 4998, 4999, 5000

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

Drawing Legend

- Planning Application Boundary
- Site Notice
- Wayleave

BOHERGAR

SANDYLANE

SANDYLANE

SANDYLANE

KILLINURE

GRANGE WEST

KILLINURE

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Site Location Map Sheet 25

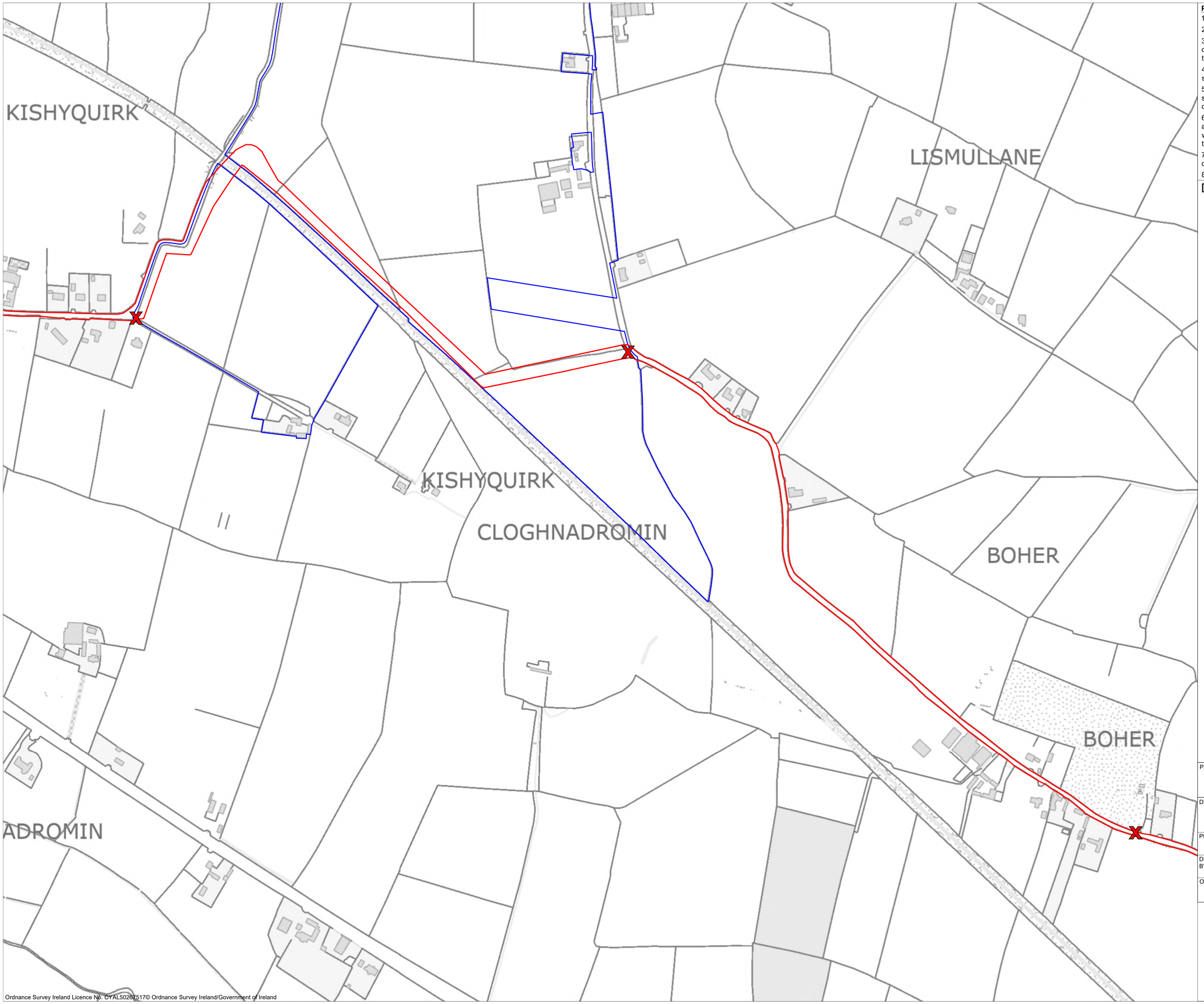
PROJECT No.:	DRAWING No.:	SCALE:
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DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

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

Drawing Legend

- Planning Application Boundary
- Landowners Boundary
- X Site Notice

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Site Location Map Sheet 26

PROJECT No.:	DRAWING No.:	SCALE:
231102	231102 - 02.26	1:2,500 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

OS SHEET No.:
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CLOONCUNNA NORTH

CLOONCUNNA SOUTH

CLOONCUNNA SOUTH

CLOGHNADROMIN

AHABEG

CLOGHNADROMIN

AHANE

CLOGHNADROMIN

AHABEG

SRAHANE WEST

CLOGHNA

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

Drawing Legend

Planning Application Boundary

Site Notice

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Site Location Map Sheet 27

PROJECT No.:	DRAWING No.:	SCALE:
231102	231102 - 02.27	1:2,500 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

OS SHEET No.:
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KEYANNA

KEYANNA

WHITEHALL

KILLONAN

KILLONAN

KEYANNA

KEYANNA

CLOO
N

CLOONCUNNA
NORTH

CUNNIHEE

CLOONCUNNA
SOUTH

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

Drawing Legend

- Planning Application Boundary
- Wayleave

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Site Location Map Sheet 28

PROJECT No.:	DRAWING No.:	SCALE:
231102	231102 - 02.28	1:2,500 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

OS SHEET No.:
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8. Final levels may vary depending on local ground conditions.

Drawing Legend

- Planning Application Boundary
- Site Notice
- Wayleave

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

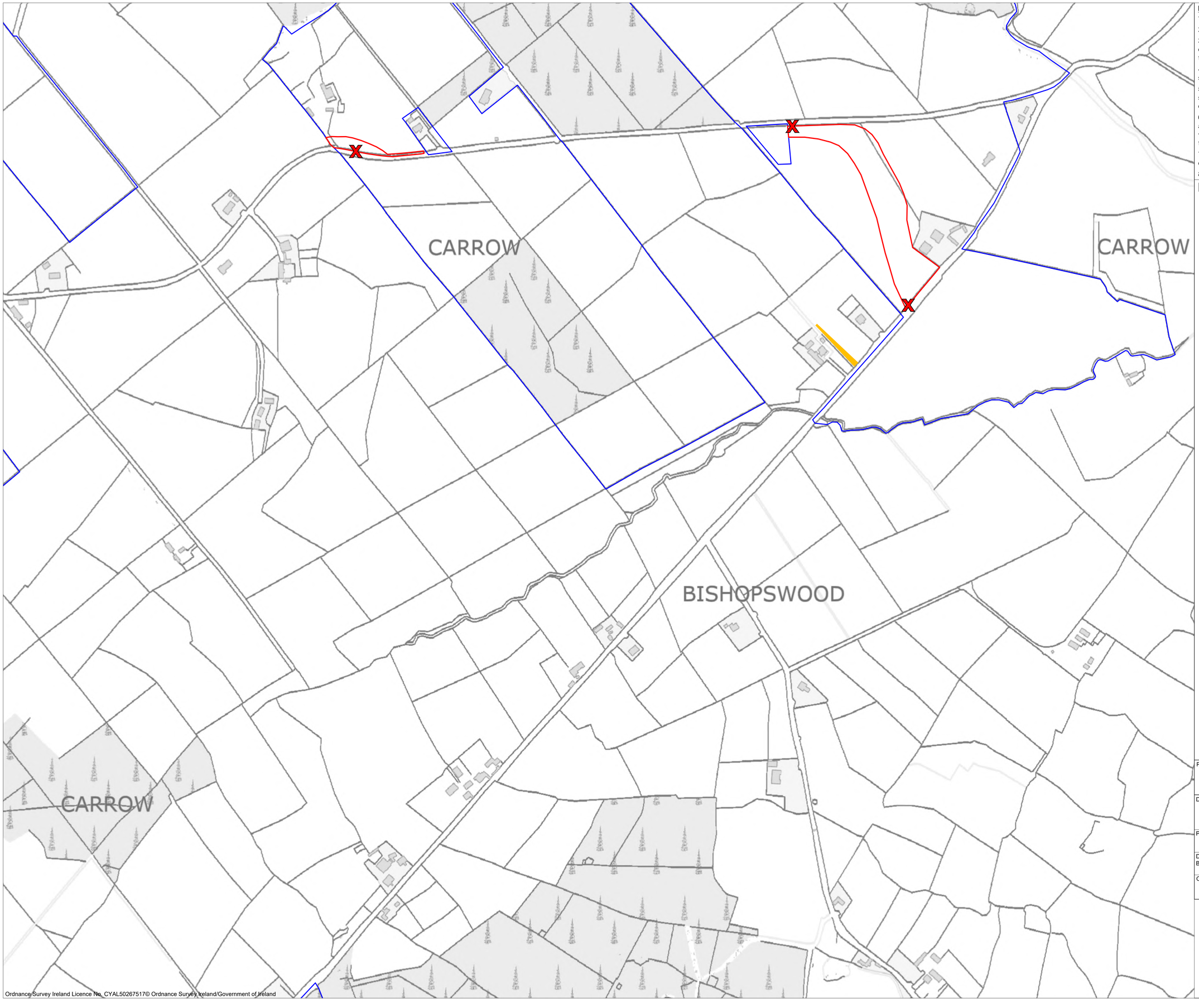
DRAWING TITLE:
Site Location Map Sheet 29

PROJECT No.:	DRAWING No.:	SCALE:
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DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

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

Drawing Legend

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

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

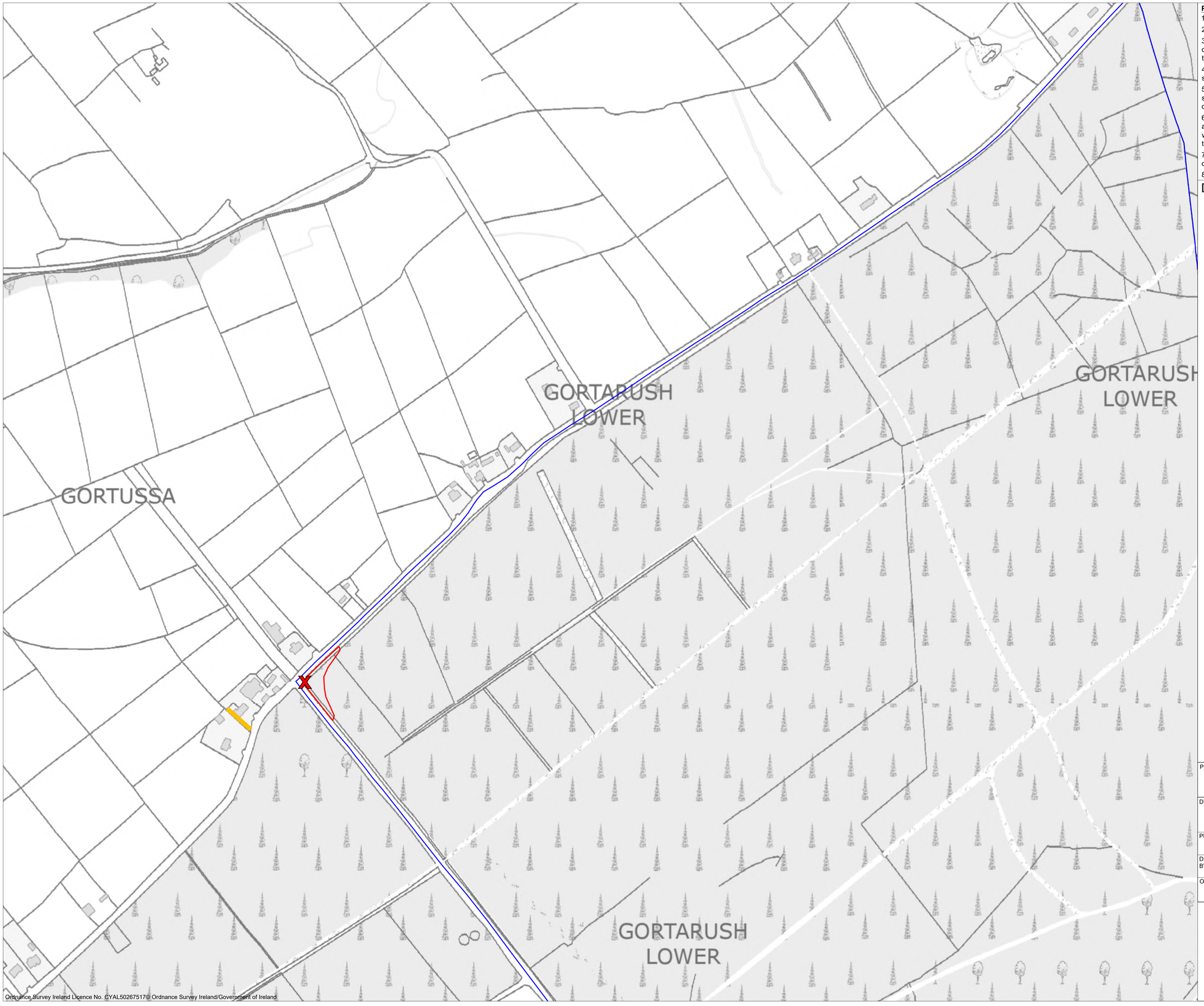
DRAWING TITLE:
Site Location Map Sheet 30

PROJECT No.:	DRAWING No.:	SCALE:
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DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

OS SHEET No.:
4744, 4745, 4746, 4747, 4748, 4749, 4750, 4751, 4752, 4753, 4754, 4755, 4814, 4815, 4804, 4805, 4806, 4807, 4808, 4809, 4810, 4811, 4812, 4813, 4877, 4878, 4867, 4868, 4869, 4870, 4871, 4872, 4873, 4874, 4875, 4876, 4938, 4939, 4940, 4929, 4930, 4931, 4932, 4933, 4934, 4935, 4936, 4937, 4989, 4990, 4991, 4992, 4993, 4994, 4995, 4996, 4997, 4998, 4999, 5000

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

Drawing Legend

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

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Site Location Map Sheet 31

PROJECT No.:	DRAWING No.:	SCALE:
231102	231102 - 02.31	1:2,500 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

OS SHEET No.:
4744, 4745, 4746, 4747, 4748, 4749, 4750, 4751, 4752, 4753, 4754, 4755, 4814, 4815, 4804, 4805, 4806, 4807, 4808, 4809, 4810, 4811, 4812, 4813, 4877, 4878, 4867, 4868, 4869, 4870, 4871, 4872, 4873, 4874, 4875, 4876, 4938, 4939, 4940, 4929, 4930, 4931, 4932, 4933, 4934, 4935, 4936, 4937, 4989, 4990, 4991, 4992, 4993, 4994, 4995, 4996, 4997, 4998, 4999, 5000

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

Drawing Legend

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

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Site Location Map Sheet 32

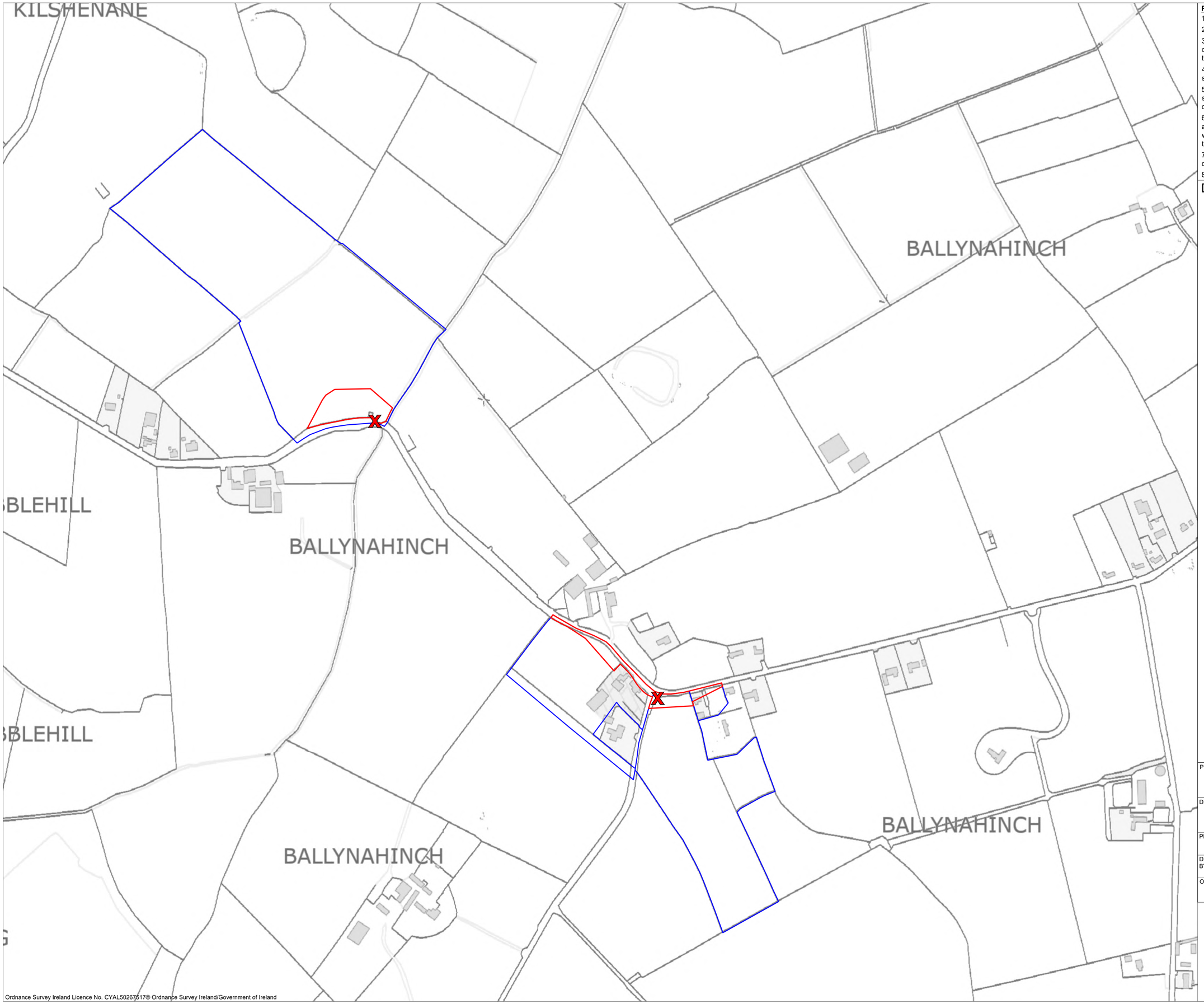
PROJECT No.:	DRAWING No.:	SCALE:
231102	231102 - 02.32	1:2,500 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

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

Drawing Legend

- Planning Application Boundary
- Landowners Boundary
- X Site Notice

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

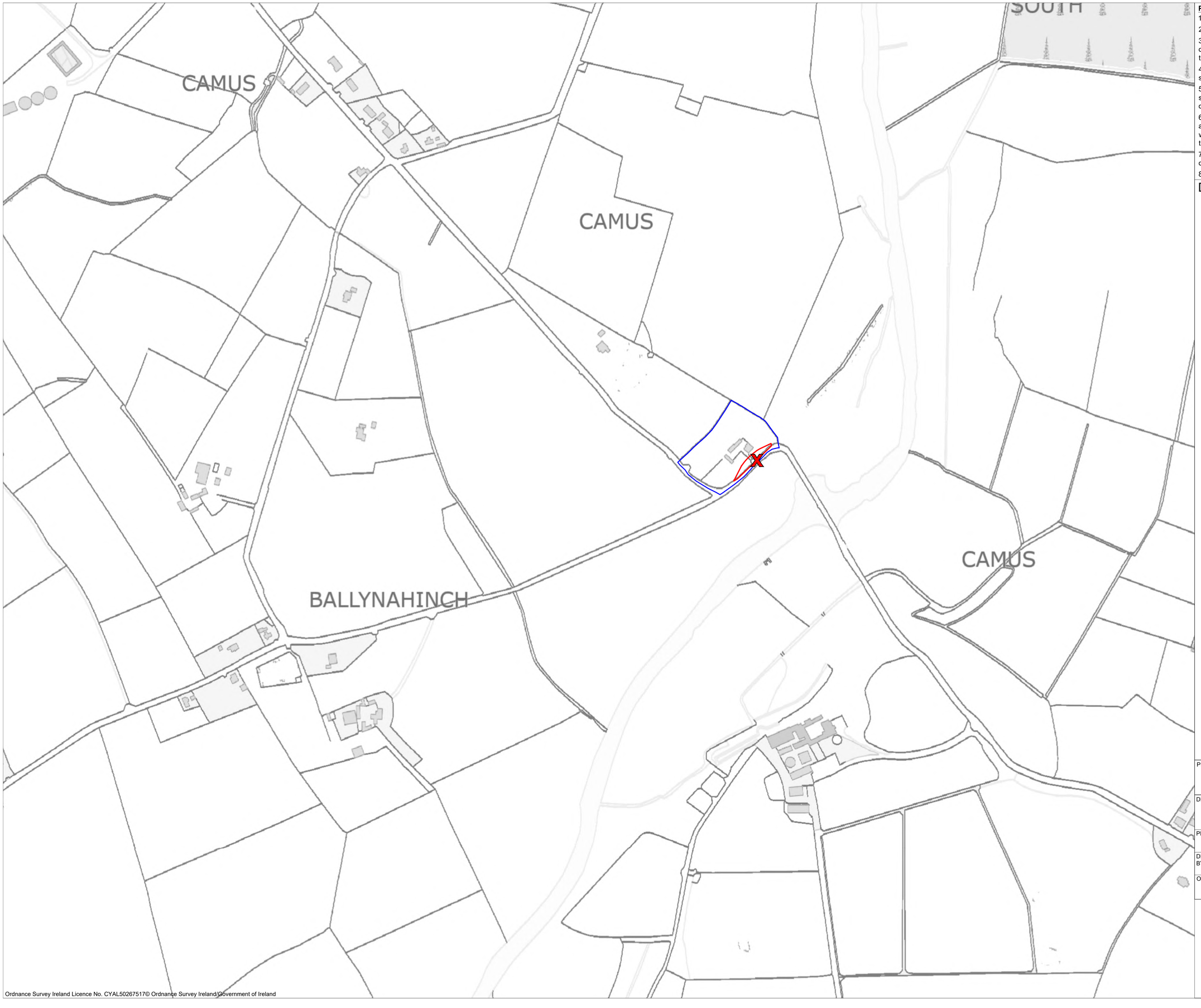
DRAWING TITLE:
Site Location Map Sheet 33

PROJECT No.:	DRAWING No.:	SCALE:
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DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

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

Drawing Legend

- Planning Application Boundary
- Landowners Boundary
- X — Site Notice

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Site Location Map Sheet 34

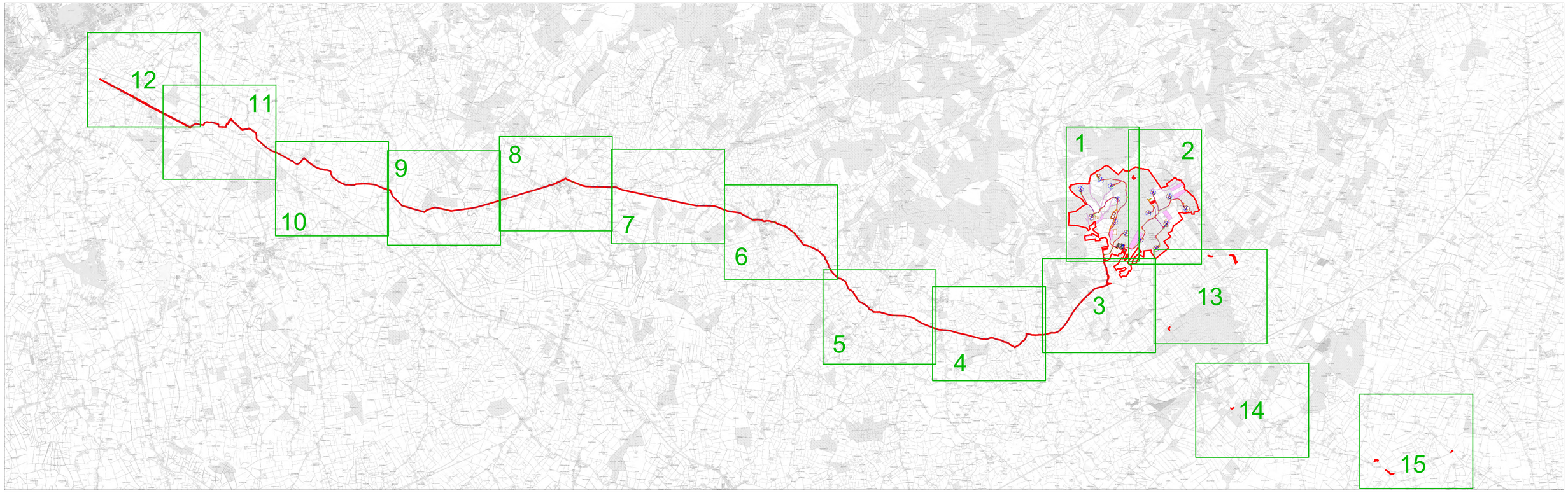
PROJECT No.:	DRAWING No.:	SCALE:
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DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

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

Drawing Legend

- Planning Application Boundary
- Existing Road to be Upgraded
- Proposed New Road
- Soft Levelled Area
- Hardstand
- Turbine Foundation
- Turbine Sweep Area
- Borrow Pit
- Cut
- Fill
- Proposed Underground Grid Connection Cabling Route
- Joint Bay
- Temporary Accommodation Areas
- Spoil Management Areas
- Existing Public Road to be Maintained
- Area not apart of Application
- Biodiversity Enhancement Area
- Internal Electrical Cabling Trench

N

PROJECT TITLE: **Carrow Wind Farm, Co. Tipperary & Co. Limerick**

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

PROJECT No.:	DRAWING No.:	SCALE:
231102	231102 - 03	1:60,000 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25/03/2026	P02

OS SHEET No.:
4744, 4745, 4746, 4747, 4748, 4749, 4750, 4751, 4752, 4753, 4754, 4755, 4814, 4815, 4804, 4805, 4806, 4807, 4808, 4809, 4810, 4811, 4812, 4813, 4877, 4878, 4867, 4868, 4869, 4870, 4871, 4872, 4873, 4874, 4875, 4876, 4938, 4939, 4940, 4929, 4930, 4931, 4932, 4933, 4934, 4935, 4936, 4937, 4989, 4990, 4991, 4992, 4993, 4994, 4995, 4996, 4997, 4998, 4999, 5000

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

Drawing Legend

- Planning Application Boundary
- Area not apart of Application
- Existing Road to be Upgraded
- Proposed New Road
- Soft Levelled Area
- Hardstand
- Turbine Foundation
- Turbine Sweep Area
- Borrow Pit
- Cut
- Fill
- Proposed Underground Grid Connection Cabling Route
- Joint Bay
- Spoil Management Areas
- Existing Public Road to be Maintained
- Biodiversity Enhancement Area
- Internal Electrical Cabling Trench
- Watercourse

T9
ITM 593703, 651577
Level - 318m O.D.

T7
ITM 593075, 651305
Level - 298m O.D.

T6
ITM 594008, 651395
Level - 293m O.D.

T5
ITM 594213, 650997
Level - 255m O.D.

Temporary Compound 3
Refer to DWG 231102 -25

T8
ITM 593407, 650439
Level - 214.5m O.D.

T4
ITM 594137, 650293
Level - 269m O.D.

T13
ITM 594482, 649948
Level - 265m O.D.

Met Mast
ITM 593923, 649893
Level - 258m O.D.
Refer to DWG 231102-32

T3
ITM 594925, 649760
Level - 251.5m O.D.

Substation Compound
Refer to DWG 231102 -26

Temporary Compound 1
Refer to DWG 231102 -23

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Site Layout Plan Sheet 1 of 15

PROJECT No.:	DRAWING No.:	SCALE:
231102	231102 - 03.1	1:5,000 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

OS SHEET No.:
4744, 4745, 4746, 4747, 4748, 4749, 4750, 4751, 4752, 4753, 4754, 4755, 4814, 4815, 4804, 4805, 4806, 4807, 4808, 4809, 4810, 4811, 4812, 4813, 4877, 4878, 4867, 4868, 4869, 4870, 4871, 4872, 4873, 4874, 4875, 4876, 4938, 4939, 4940, 4929, 4930, 4931, 4932, 4933, 4934, 4935, 4936, 4937, 4989, 4990, 4991, 4992, 4993, 4994, 4995, 4996, 4997, 4998, 4999, 5000

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

Drawing Legend

- Planning Application Boundary
- Area not apart of Application
- Existing Road to be Upgraded
- Proposed New Road
- Soft Levelled Area
- Hardstand
- Turbine Foundation
- Turbine Sweep Area
- Cut
- Fill
- Spoil Management Areas
- Biodiversity Enhancement Area
- Internal Electrical Cabling Trench
- Watercourse
- Existing Public Road to be Maintained

T2
ITM 595309, 651206
Level - 269.5m O.D.

T14
ITM 595807, 651082
Level - 241.5m O.D.

T10
ITM 596339, 650698
Level - 201m O.D.

T11
ITM 595163, 650560
Level - 294m O.D.

Temporary Compound 2
Refer to DWG 231102 -24

T1
ITM 595726, 650235
Level - 262.5m O.D.

T13
ITM 594482, 649948
Level - 265m O.D.

T3
ITM 594925, 649760
Level - 251.5m O.D.

ound
1102 -26

T12
ITM 595401, 649479
Level - 259.5m O.D.

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Site Layout Plan Sheet 2 of 15

PROJECT No.:	DRAWING No.:	SCALE:
231102	231102 - 03.2	1:5,000 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

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

Drawing Legend

- Planning Application Boundary
- Area not apart of Application
- Proposed Underground Grid Connection Cabling Route
- Joint Bay
- Temporary Accommodation Areas
- Watercourse

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Site Layout Plan
Sheet 3 of 15

PROJECT No.:	DRAWING No.:	SCALE:
231102	231102 - 03.3	1:5,000 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

OS SHEET No.:
4744, 4745, 4746, 4747, 4748, 4749, 4750, 4751, 4752, 4753, 4754, 4755, 4814, 4815, 4804, 4805, 4806, 4807, 4808, 4809, 4810, 4811, 4812, 4813, 4877, 4878, 4867, 4868, 4869, 4870, 4871, 4872, 4873, 4874, 4875, 4876, 4938, 4939, 4940, 4929, 4930, 4931, 4932, 4933, 4934, 4935, 4936, 4937, 4089, 4990, 4991, 4992, 4993, 4994, 4995, 4996, 4997, 4998, 4999, 5000

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

Drawing Legend

- Planning Application Boundary
- Proposed Underground Grid Connection Cabling Route
- Joint Bay

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Site Layout Plan
Sheet 4 of 15

PROJECT No.:	DRAWING No.:	SCALE:
231102	231102 - 03.4	1:5,000 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

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

Drawing Legend

- Planning Application Boundary
- Proposed Underground Grid Connection Cabling Route
- Joint Bay

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Site Layout Plan
Sheet 5 of 15

PROJECT No.:	DRAWING No.:	SCALE:
231102	231102 - 03.5	1:5,000 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

OS SHEET No.:
4744, 4745, 4746, 4747, 4748, 4749, 4750, 4751, 4752, 4753, 4754, 4755, 4814, 4815, 4804, 4805, 4806, 4807, 4808, 4809, 4810, 4811, 4812, 4813, 4877, 4878, 4867, 4868, 4869, 4870, 4871, 4872, 4873, 4874, 4875, 4876, 4938, 4939, 4940, 4929, 4930, 4931, 4932, 4933, 4934, 4935, 4936, 4937, 4989, 4990, 4991, 4992, 4993, 4994, 4995, 4996, 4997, 4998, 4999, 5000

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

Drawing Legend

- Planning Application Boundary
- Proposed Underground Grid Connection Cabling Route
- Joint Bay

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Site Layout Plan
Sheet 6 of 15

PROJECT No.:	DRAWING No.:	SCALE:
231102	231102 - 03.6	1:5,000 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

OS SHEET No.:
4744, 4745, 4746, 4747, 4748, 4749, 4750, 4751, 4752, 4753, 4754, 4755, 4814, 4815, 4804, 4805, 4806, 4807, 4808, 4809, 4810, 4811, 4812, 4813, 4877, 4878, 4867, 4868, 4869, 4870, 4871, 4872, 4873, 4874, 4875, 4876, 4938, 4939, 4940, 4929, 4930, 4931, 4932, 4933, 4934, 4935, 4936, 4937, 4989, 4990, 4991, 4992, 4993, 4994, 4995, 4996, 4997, 4998, 4999, 5000

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

Drawing Legend

- Planning Application Boundary
- Proposed Underground Grid Connection Cabling Route
- Joint Bay

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Site Layout Plan
Sheet 7 of 15

PROJECT No.:	DRAWING No.:	SCALE:
231102	231102 - 03.7	1:5,000 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

OS SHEET No.:
4744, 4745, 4746, 4747, 4748, 4749, 4750, 4751, 4752, 4753, 4754, 4755, 4814, 4815, 4804, 4805, 4806, 4807, 4808, 4809, 4810, 4811, 4812, 4813, 4877, 4878, 4867, 4868, 4869, 4870, 4871, 4872, 4873, 4874, 4875, 4876, 4938, 4939, 4940, 4929, 4930, 4931, 4932, 4933, 4934, 4935, 4936, 4937, 4989, 4990, 4991, 4992, 4993, 4994, 4995, 4996, 4997, 4998, 4999, 5000

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

Drawing Legend

- Planning Application Boundary
- Proposed Underground Grid Connection Cabling Route
- Joint Bay

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Site Layout Plan
Sheet 8 of 15

PROJECT No.:	DRAWING No.:	SCALE:
231102	231102 - 03.8	1:5,000 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

OS SHEET No.:
4744, 4745, 4746, 4747, 4748, 4749, 4750, 4751, 4752, 4753, 4754, 4755, 4814, 4815, 4804, 4805, 4806, 4807, 4808, 4809, 4810, 4811, 4812, 4813, 4877, 4878, 4867, 4868, 4869, 4870, 4871, 4872, 4873, 4874, 4875, 4876, 4938, 4939, 4940, 4929, 4930, 4931, 4932, 4933, 4934, 4935, 4936, 4937, 4989, 4990, 4991, 4992, 4993, 4994, 4995, 4996, 4997, 4998, 4999, 5000

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

Drawing Legend

- Planning Application Boundary
- Proposed Underground Grid Connection Cabling Route
- Joint Bay

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Site Layout Plan
Sheet 9 of 15

PROJECT No.:	DRAWING No.:	SCALE:
231102	231102 - 03.9	1:5,000 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

OS SHEET No.:
4744, 4745, 4746, 4747, 4748, 4749, 4750, 4751, 4752, 4753, 4754, 4755, 4814, 4815, 4804, 4805, 4806, 4807, 4808, 4809, 4810, 4811, 4812, 4813, 4877, 4878, 4867, 4868, 4869, 4870, 4871, 4872, 4873, 4874, 4875, 4876, 4938, 4939, 4940, 4929, 4930, 4931, 4932, 4933, 4934, 4935, 4936, 4937, 4989, 4990, 4991, 4992, 4993, 4994, 4995, 4996, 4997, 4998, 4999, 5000

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

Drawing Legend

- Planning Application Boundary
- Proposed Underground Grid Connection Cabling Route
- Joint Bay

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Site Layout Plan
Sheet 10 of 15

PROJECT No.:	DRAWING No.:	SCALE:
231102	231102 - 03.10	1:5,000 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

OS SHEET No.:
4744, 4745, 4746, 4747, 4748, 4749, 4750, 4751, 4752, 4753, 4754, 4755, 4814, 4815, 4804, 4805, 4806, 4807, 4808, 4809, 4810, 4811, 4812, 4813, 4877, 4878, 4867, 4868, 4869, 4870, 4871, 4872, 4873, 4874, 4875, 4876, 4938, 4939, 4940, 4929, 4930, 4931, 4932, 4933, 4934, 4935, 4936, 4937, 4989, 4990, 4991, 4992, 4993, 4994, 4995, 4996, 4997, 4998, 4999, 5000

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

Drawing Legend

- Planning Application Boundary
- Proposed Underground Grid Connection Cabling Route
- Joint Bay

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Site Layout Plan
Sheet 11 of 15

PROJECT No.:	DRAWING No.:	SCALE:
231102	231102 - 03.11	1:5,000 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

OS SHEET No.:
4744, 4745, 4746, 4747, 4748, 4749, 4750, 4751, 4752, 4753, 4754, 4755, 4814, 4815, 4804, 4805, 4806, 4807, 4808, 4809, 4810, 4811, 4812, 4813, 4877, 4878, 4867, 4868, 4869, 4870, 4871, 4872, 4873, 4874, 4875, 4876, 4938, 4939, 4940, 4929, 4930, 4931, 4932, 4933, 4934, 4935, 4936, 4937, 4989, 4990, 4991, 4992, 4993, 4994, 4995, 4996, 4997, 4998, 4999, 5000

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

Drawing Legend

- Planning Application Boundary
- Proposed Underground Grid Connection Cabling Route
- Joint Bay

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Site Layout Plan
Sheet 12 of 15

PROJECT No.:	DRAWING No.:	SCALE:
231102	231102 - 03.12	1:5,000 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

OS SHEET No.:
4744, 4745, 4746, 4747, 4748, 4749, 4750, 4751, 4752, 4753, 4754, 4755, 4814, 4815, 4804, 4805, 4806, 4807, 4808, 4809, 4810, 4811, 4812, 4813, 4877, 4878, 4867, 4868, 4869, 4870, 4871, 4872, 4873, 4874, 4875, 4876, 4938, 4939, 4940, 4929, 4930, 4931, 4932, 4933, 4934, 4935, 4936, 4937, 4989, 4990, 4991, 4992, 4993, 4994, 4995, 4996, 4997, 4998, 4999, 5000

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

Drawing Legend

- Planning Application Boundary
- Turbine Sweep Area
- Temporary Accommodation Areas
- Spoil Management Areas
- Cut

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Site Layout Plan
Sheet 13 of 15

PROJECT No.:	DRAWING No.:	SCALE:
231102	231102 - 03.13	1:5,000 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

OS SHEET No.:
4744, 4745, 4746, 4747, 4748, 4749, 4750, 4751, 4752, 4753, 4754, 4755, 4814, 4815, 4804, 4805, 4806, 4807, 4808, 4809, 4810, 4811, 4812, 4813, 4877, 4878, 4867, 4868, 4869, 4870, 4871, 4872, 4873, 4874, 4875, 4876, 4938, 4939, 4940, 4929, 4930, 4931, 4932, 4933, 4934, 4935, 4936, 4937, 4989, 4990, 4991, 4992, 4993, 4994, 4995, 4996, 4997, 4998, 4999, 5000

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

Drawing Legend

- Planning Application Boundary
- Temporary Accommodation Areas
- Cut

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Site Layout Plan
Sheet 14 of 15

PROJECT No.:	DRAWING No.:	SCALE:
231102	231102 - 03.14	1:5,000 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

OS SHEET No.:
4744, 4745, 4746, 4747, 4748, 4749, 4750, 4751, 4752, 4753, 4754, 4755, 4814, 4815, 4804, 4805, 4806, 4807, 4808, 4809, 4810, 4811, 4812, 4813, 4877, 4878, 4867, 4868, 4869, 4870, 4871, 4872, 4873, 4874, 4875, 4876, 4938, 4939, 4940, 4929, 4930, 4931, 4932, 4933, 4934, 4935, 4936, 4937, 4989, 4990, 4991, 4992, 4993, 4994, 4995, 4996, 4997, 4998, 4999, 5000

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

Drawing Legend

- Planning Application Boundary
- Temporary Accommodation Areas
- Cut

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Site Layout Plan
Sheet 15 of 15

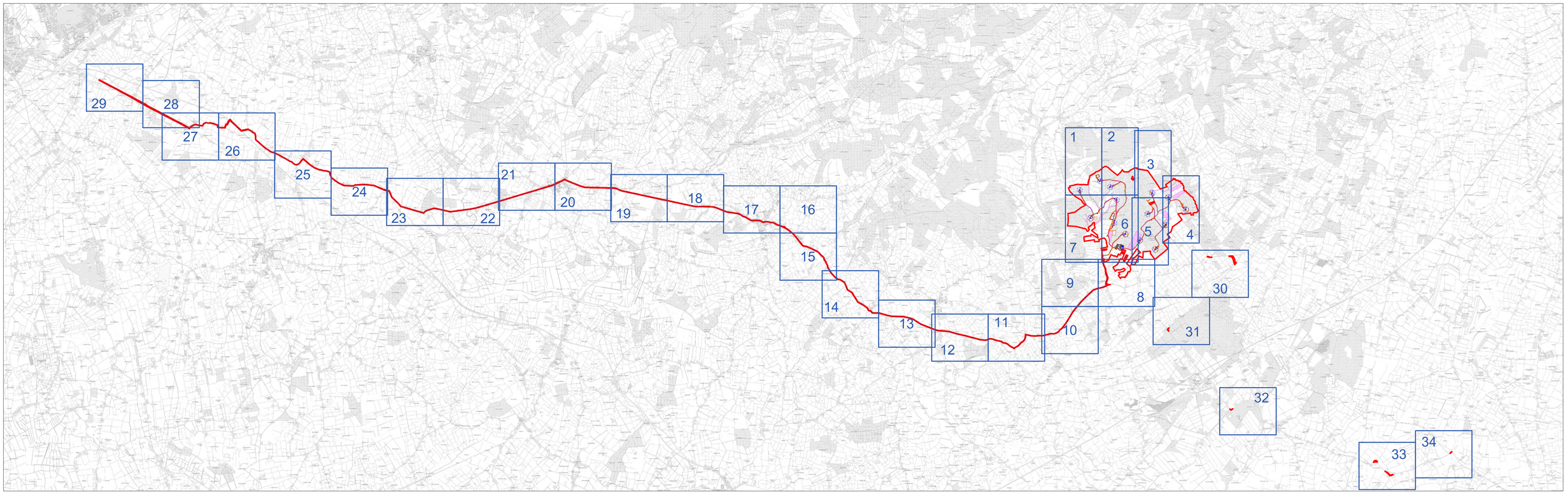
PROJECT No.:	DRAWING No.:	SCALE:
231102	231102 - 03.15	1:5,000 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

OS SHEET No.:
4744, 4745, 4746, 4747, 4748, 4749, 4750, 4751, 4752, 4753, 4754, 4755, 4814, 4815, 4804, 4805, 4806, 4807, 4808, 4809, 4810, 4811, 4812, 4813, 4877, 4878, 4867, 4868, 4869, 4870, 4871, 4872, 4873, 4874, 4875, 4876, 4938, 4939, 4940, 4929, 4930, 4931, 4932, 4933, 4934, 4935, 4936, 4937, 4989, 4990, 4991, 4992, 4993, 4994, 4995, 4996, 4997, 4998, 4999, 5000

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

Drawing Legend

- Planning Application Boundary
- Existing Road to be Upgraded
- Proposed New Road
- Soft Levelled Area
- Hardstand
- Turbine Foundation
- Turbine Sweep Area
- Borrow Pit
- Cut
- Fill
- Proposed Underground Grid Connection Cabling Route
- Joint Bay
- Temporary Accommodation Areas
- Spoil Management Areas
- Existing Public Road to be Maintained
- Biodiversity Enhancement Area
- Internal Electrical Cabling Trench

N

PROJECT TITLE: **Carrow Wind Farm, Co. Tipperary & Co. Limerick**

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

PROJECT No.:	DRAWING No.:	SCALE:
231102	231102 - 04	1:60,000 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25/03/2026	P02

OS SHEET No.:
4744, 4745, 4746, 4747, 4748, 4749, 4750, 4751, 4752, 4753, 4754, 4755, 4814, 4815, 4804, 4805, 4806, 4807, 4808, 4809, 4810, 4811, 4812, 4813, 4877, 4878, 4867, 4868, 4869, 4870, 4871, 4872, 4873, 4874, 4875, 4876, 4938, 4939, 4940, 4929, 4930, 4931, 4932, 4933, 4934, 4935, 4936, 4937, 4989, 4990, 4991, 4992, 4993, 4994, 4995, 4996, 4997, 4998, 4999, 5000

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

Drawing Legend

- Planning Application Boundary
- Proposed New Road
- Soft Levelled Area
- Hardstand
- Turbine Foundation
- Turbine Sweep Area
- Borrow Pit
- Cut
- Fill
- Biodiversity Enhancement Area
- Internal Electrical Cabling Trench
- Watercourse

65m

Borrow Pit 2
Refer to DWG 231102 -31

354m

Refer to DWG
231102 - 13

T9
ITM 593703, 651577
Level - 318m O.D.

168m

T7
ITM 593075, 651305
Level - 298m O.D.

Refer to DWG
231102 - 11

199m

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Site Layout Plan Sheet 1 of 34

PROJECT No.:	DRAWING No.:	SCALE:
231102	231102 - 04.1	1:2,500 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

OS SHEET No.:
4744, 4745, 4746, 4747, 4748, 4749, 4750, 4751, 4752, 4753, 4754, 4755, 4814, 4815, 4804, 4805, 4806, 4807, 4808, 4809, 4810, 4811, 4812, 4813, 4877, 4878, 4867, 4868, 4869, 4870, 4871, 4872, 4873, 4874, 4875, 4876, 4938, 4939, 4940, 4929, 4930, 4931, 4932, 4933, 4934, 4935, 4936, 4937, 4989, 4990, 4991, 4992, 4993, 4994, 4995, 4996, 4997, 4998, 4999, 5000

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

Drawing Legend

- Planning Application Boundary
- Area not apart of Application
- Existing Road to be Upgraded
- Proposed New Road
- Soft Levelled Area
- Hardstand
- Turbine Foundation
- Turbine Sweep Area
- Borrow Pit
- Cut
- Fill
- Biodiversity Enhancement Area
- Internal Electrical Cabling Trench
- Watercourse

427m
326m
429m
267m
Field Gate
Refer to DWG
231102-36
Refer to DWG
231102 - 10
T6
ITM 594008, 651395
Level - 293m O.D.

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N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Site Layout Plan
Sheet 2 of 34

PROJECT No.:	DRAWING No.:	SCALE:
231102	231102 - 04.2	1:2,500 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

OS SHEET No.:
4744, 4745, 4746, 4747, 4748, 4749, 4750, 4751, 4752, 4753, 4754, 4755, 4814, 4815, 4804, 4805, 4806, 4807, 4808, 4809, 4810, 4811, 4812, 4813, 4877, 4878, 4867, 4868, 4869, 4870, 4871, 4872, 4873, 4874, 4875, 4876, 4938, 4939, 4940, 4929, 4930, 4931, 4932, 4933, 4934, 4935, 4936, 4937, 4989, 4990, 4991, 4992, 4993, 4994, 4995, 4996, 4997, 4998, 4999, 5000

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

Drawing Legend

- Planning Application Boundary
- Proposed New Road
- Soft Levelled Area
- Hardstand
- Turbine Foundation
- Turbine Sweep Area
- Cut
- Fill
- Biodiversity Enhancement Area
- Internal Electrical Cabling Trench
- Watercourse
- Spoil Management Areas

T2
ITM 595309, 651206
Level - 269.5m O.D.
264m
521m
325m
Refer to DWG 231102 - 06

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N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Site Layout Plan Sheet 3 of 34

PROJECT No.:	DRAWING No.:	SCALE:
231102	231102 - 04.3	1:2,500 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

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

Drawing Legend

- Planning Application Boundary
- Existing Road to be Upgraded
- Proposed New Road
- Existing Public Road to be Maintained
- Soft Levelled Area
- Hardstand
- Turbine Foundation
- Turbine Sweep Area
- Cut
- Fill
- Spoil Management Areas
- Biodiversity Enhancement Area
- Internal Electrical Cabling Trench
- Watercourse

T14
ITM 595807, 651082
Level - 241.5m O.D.

Refer to DWG 231102 - 18

Field Gate
Refer to DWG
231102-36

T10
ITM 596339, 650698
Level - 201m O.D.

Refer to DWG 231102 - 14

T1
ITM 595726, 650235
Level - 262.5m O.D.

Refer to DWG 231102 - 05

325m
339m
382m
378m
122m
218m
190m

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Site Layout Plan
Sheet 4 of 34

PROJECT No.:	DRAWING No.:	SCALE:
231102	231102 - 04.4	1:2,500 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

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

Drawing Legend

- Planning Application Boundary
- Area not apart of Application
- Existing Road to be Upgraded
- Proposed New Road
- Soft Levelled Area
- Hardstand
- Turbine Foundation
- Turbine Sweep Area
- Cut
- Fill
- Spoil Management Areas
- Existing Public Road to be Maintained
- Biodiversity Enhancement Area
- Internal Electrical Cabling Trench
- Watercourse

Refer to DWG 231102 - 18

Field Gate Refer to DWG 231102-36

T11
ITM 595163, 650560
Level - 294m O.D.

Refer to DWG 231102 - 15

Field Gate Refer to DWG 231102-36

Temporary Compound 2 Refer to DWG 231102 -24

Field Gate Refer to DWG 231102-36

Refer to DWG 231102 - 05

Field Gate Refer to DWG 231102-36

190m

295m

T3
ITM 594925, 649760
Level - 251.5m O.D.

Refer to DWG 231102 - 07

369m

75m

T12
ITM 595401, 649479
Level - 259.5m O.D.

Refer to DWG 231102 - 16

161m

230m

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Site Layout Plan Sheet 5 of 34

PROJECT No.:	DRAWING No.:	SCALE:
231102	231102 - 04.5	1:2,500 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

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

Drawing Legend

- Planning Application Boundary
- Area not apart of Application
- Existing Road to be Upgraded
- Proposed New Road
- Existing Public Road to be Maintained
- Soft Levelled Area
- Hardstand
- Turbine Foundation
- Turbine Sweep Area
- Borrow Pit
- Cut
- Fill
- Proposed Underground Grid Connection Cabling Route
- Joint Bay
- Spoil Management Areas
- Biodiversity Enhancement Area
- Internal Electrical Cabling Trench
- Watercourse

T5
ITM 594213, 650997
Level - 255m O.D.

Refer to DWG 231102 - 09

Field Gate
Refer to DWG 231102-36

Borrow Pit 1
Refer to DWG 231102 -38

T4
ITM 594137, 650293
Level - 269m O.D.

Refer to DWG 231102 - 08

T13
ITM 594482, 649948
Level - 265m O.D.

Refer to DWG 231102 - 17

T3
ITM 594925, 649760
Level - 251.5m O.D.

Refer to DWG 231102 - 07

Met Mast
ITM 593923, 649893
Level - 258m O.D.
Refer to DWG 231102-32

100m
78m
125m
56m
212m
64m
67m
195m
75m

Substation Compound
Refer to DWG 231102 -26

Temporary Compound 1
Refer to DWG 231102 -23

Field Gate
Refer to DWG 231102-36

Wheelwash
Refer to DWG 231102-35

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Site Layout Plan Sheet 6 of 34

PROJECT No.:	DRAWING No.:	SCALE:
231102	231102 - 04.6	1:2,500 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

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

Drawing Legend

- Planning Application Boundary
- Existing Road to be Upgraded
- Proposed New Road
- Soft Levelled Area
- Hardstand
- Turbine Foundation
- Turbine Sweep Area
- Cut
- Fill
- Spoil Management Areas
- Existing Public Road to be Maintained
- Biodiversity Enhancement Area
- Internal Electrical Cabling Trench
- Watercourse

199m
53m
Field Gate
Refer to DWG
231102-36
439m
T8
ITM 593407, 650439
Level - 214.5m O.D.
Refer to DWG
231102 - 12
168m
Temporary Compound 3
Refer to DWG 231102 -25
Field Gate
Refer to DWG
231102-36

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Site Layout Plan
Sheet 7 of 34

PROJECT No.:	DRAWING No.:	SCALE:
231102	231102 - 04.7	1:2,500 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

OS SHEET No.:
4744, 4745, 4746, 4747, 4748, 4749, 4750, 4751, 4752, 4753, 4754, 4755, 4814, 4815, 4804, 4805, 4806, 4807, 4808, 4809, 4810, 4811, 4812, 4813, 4877, 4878, 4867, 4868, 4869, 4870, 4871, 4872, 4873, 4874, 4875, 4876, 4938, 4939, 4940, 4929, 4930, 4931, 4932, 4933, 4934, 4935, 4936, 4937, 4989, 4990, 4991, 4992, 4993, 4994, 4995, 4996, 4997, 4998, 4999, 5000

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

Drawing Legend

- Planning Application Boundary
- Area not apart of Application
- Proposed Underground Grid Connection Cabling Route
- Joint Bay
- Temporary Accommodation Areas
- Cut
- Watercourse

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Site Layout Plan
Sheet 8 of 34

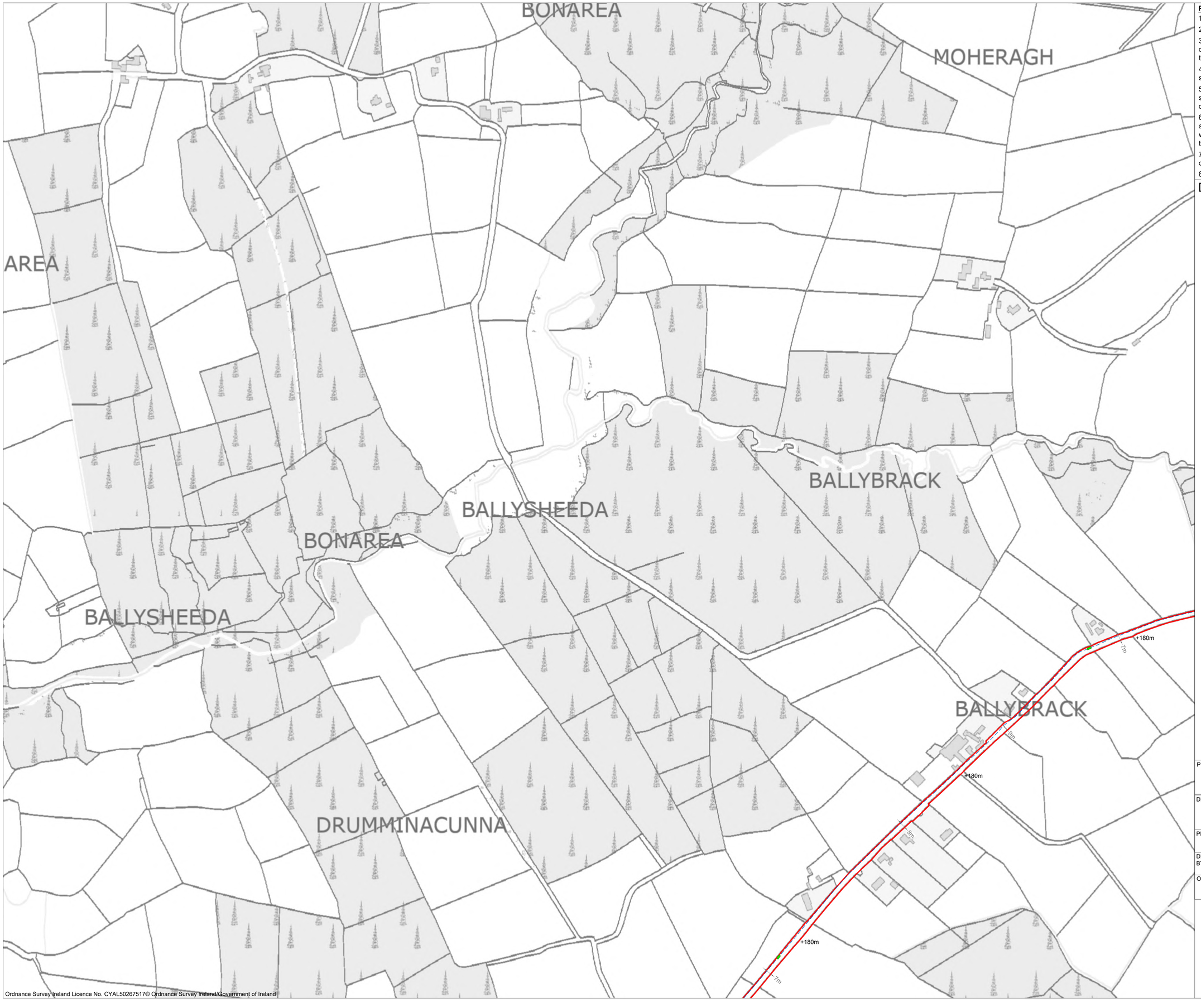
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DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

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

Drawing Legend

- Planning Application Boundary
- Proposed Underground Grid Connection Cabling Route
- Joint Bay

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Site Layout Plan
Sheet 9 of 34

PROJECT No.:	DRAWING No.:	SCALE:
231102	231102 - 04.9	1:2,500 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

OS SHEET No.:
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BALLYSHEEDA

KNOCKANTIBRIEN

OCKANTIBRIEN

SHANAKNOCK

AKNOCK

BALLYSHEEDA

TOOREEN

+180m

+170m

+160m

+160m

+150m

8m

7m

8m

6m

9m

7m

7m

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

Drawing Legend

- Planning Application Boundary
- Proposed Underground Grid Connection Cabling Route
- Joint Bay

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Site Layout Plan Sheet 10 of 34

PROJECT No.:	DRAWING No.:	SCALE:
231102	231102 - 04.10	1:2,500 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

OS SHEET No.:
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8. Final levels may vary depending on local ground conditions.

Drawing Legend

- Planning Application Boundary
- Proposed Underground Grid Connection Cabling Route
- Joint Bay

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Site Layout Plan
Sheet 11 of 34

PROJECT No.:	DRAWING No.:	SCALE:
231102	231102 - 04.11	1:2,500 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

OS SHEET No.:
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8. Final levels may vary depending on local ground conditions.

Drawing Legend

- Planning Application Boundary
- Proposed Underground Grid Connection Cabling Route
- Joint Bay

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Site Layout Plan
Sheet 12 of 34

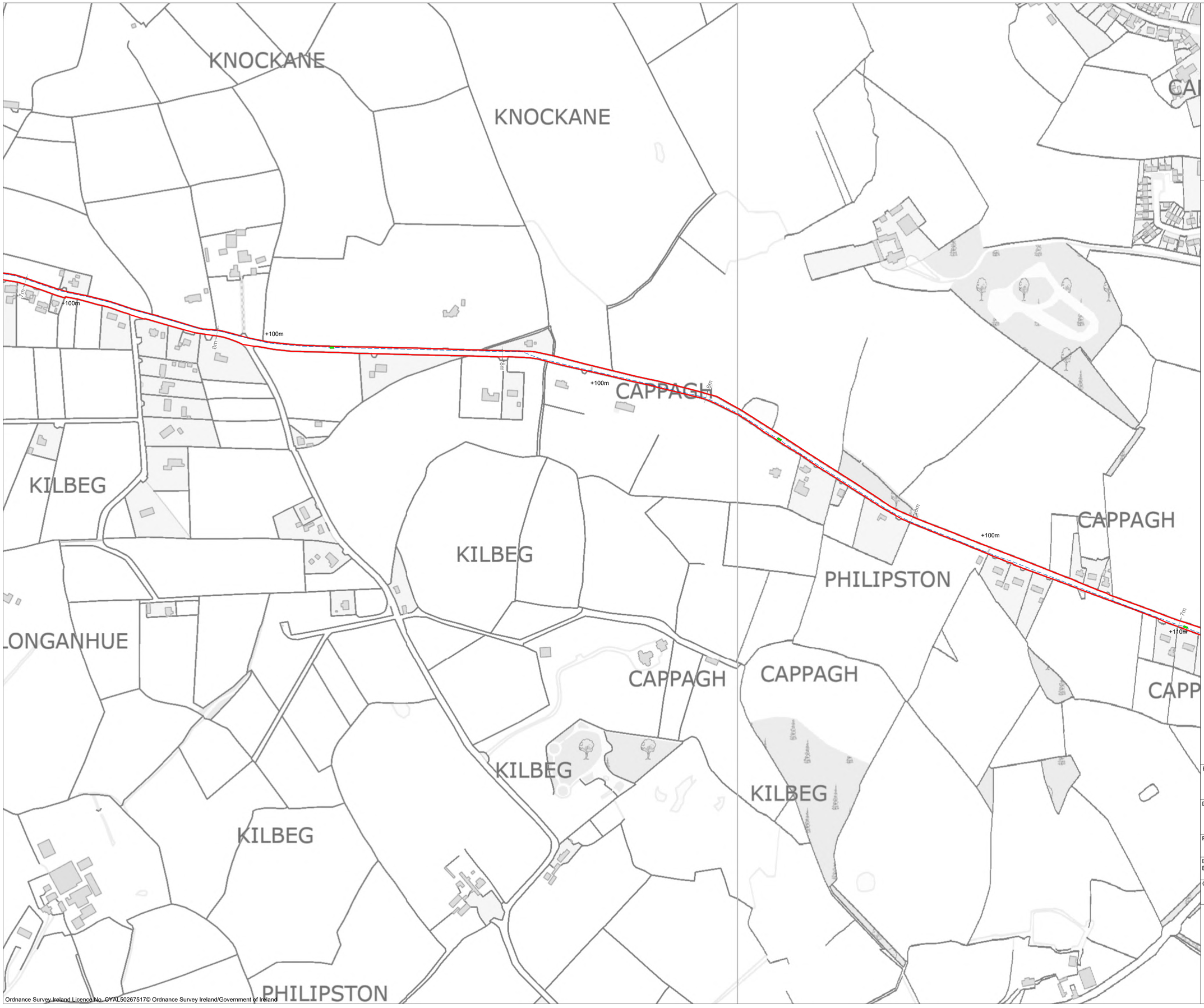
PROJECT No.:	DRAWING No.:	SCALE:
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OS SHEET No.:
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7. Layout plans show typical Turbine rotor diameter as per turbine drawing.
8. Final levels may vary depending on local ground conditions.

Drawing Legend

- Planning Application Boundary
- Proposed Underground Grid Connection Cabling Route
- Joint Bay

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Site Layout Plan Sheet 13 of 34

PROJECT No.:	DRAWING No.:	SCALE:
231102	231102 - 04.13	1:2,500 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

OS SHEET No.:
4744, 4745, 4746, 4747, 4748, 4749, 4750, 4751, 4752, 4753, 4754, 4755, 4814, 4815, 4804, 4805, 4806, 4807, 4808, 4809, 4810, 4811, 4812, 4813, 4877, 4878, 4867, 4868, 4869, 4870, 4871, 4872, 4873, 4874, 4875, 4876, 4938, 4939, 4940, 4929, 4930, 4931, 4932, 4933, 4934, 4935, 4936, 4937, 4989, 4990, 4991, 4992, 4993, 4994, 4995, 4996, 4997, 4998, 4999, 5000

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Drawing Legend

- Planning Application Boundary
- Proposed Underground Grid Connection Cabling Route
- Joint Bay

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Site Layout Plan
Sheet 14 of 34

PROJECT No.:	DRAWING No.:	SCALE:
231102	231102 - 04.14	1:2,500 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

OS SHEET No.:
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8. Final levels may vary depending on local ground conditions.

Drawing Legend

- Planning Application Boundary
- Proposed Underground Grid Connection Cabling Route
- Joint Bay

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Site Layout Plan
Sheet 15 of 34

PROJECT No.:	DRAWING No.:	SCALE:
231102	231102 - 04.15	1:2,500 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

OS SHEET No.:
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8. Final levels may vary depending on local ground conditions.

Drawing Legend

- Planning Application Boundary
- Proposed Underground Grid Connection Cabling Route

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Site Layout Plan
Sheet 16 of 34

PROJECT No.:	DRAWING No.:	SCALE:
231102	231102 - 04.16	1:2,500 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

OS SHEET No.:
4744, 4745, 4746, 4747, 4748, 4749, 4750, 4751, 4752, 4753, 4754, 4755, 4814, 4815, 4804, 4805, 4806, 4807, 4808, 4809, 4810, 4811, 4812, 4813, 4877, 4878, 4867, 4868, 4869, 4870, 4871, 4872, 4873, 4874, 4875, 4876, 4936, 4939, 4940, 4929, 4930, 4931, 4932, 4933, 4934, 4935, 4936, 4937, 4989, 4990, 4991, 4992, 4993, 4994, 4995, 4996, 4997, 4998, 4999, 5000

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

Drawing Legend

- Planning Application Boundary
- Proposed Underground Grid Connection Cabling Route
- Joint Bay

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Site Layout Plan
Sheet 17 of 34

PROJECT No.:	DRAWING No.:	SCALE:
231102	231102 - 04.17	1:2,500 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

OS SHEET No.:
4744, 4745, 4746, 4747, 4748, 4749, 4750, 4751, 4752, 4753, 4754, 4755, 4814, 4815, 4804, 4805, 4806, 4807, 4808, 4809, 4810, 4811, 4812, 4813, 4877, 4878, 4867, 4868, 4869, 4870, 4871, 4872, 4873, 4874, 4875, 4876, 4938, 4939, 4940, 4929, 4930, 4931, 4932, 4933, 4934, 4935, 4936, 4937, 4989, 4990, 4991, 4992, 4993, 4994, 4995, 4996, 4997, 4998, 4999, 5000

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

Drawing Legend

- Planning Application Boundary
- Proposed Underground Grid Connection Cabling Route
- Joint Bay

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Site Layout Plan
Sheet 18 of 34

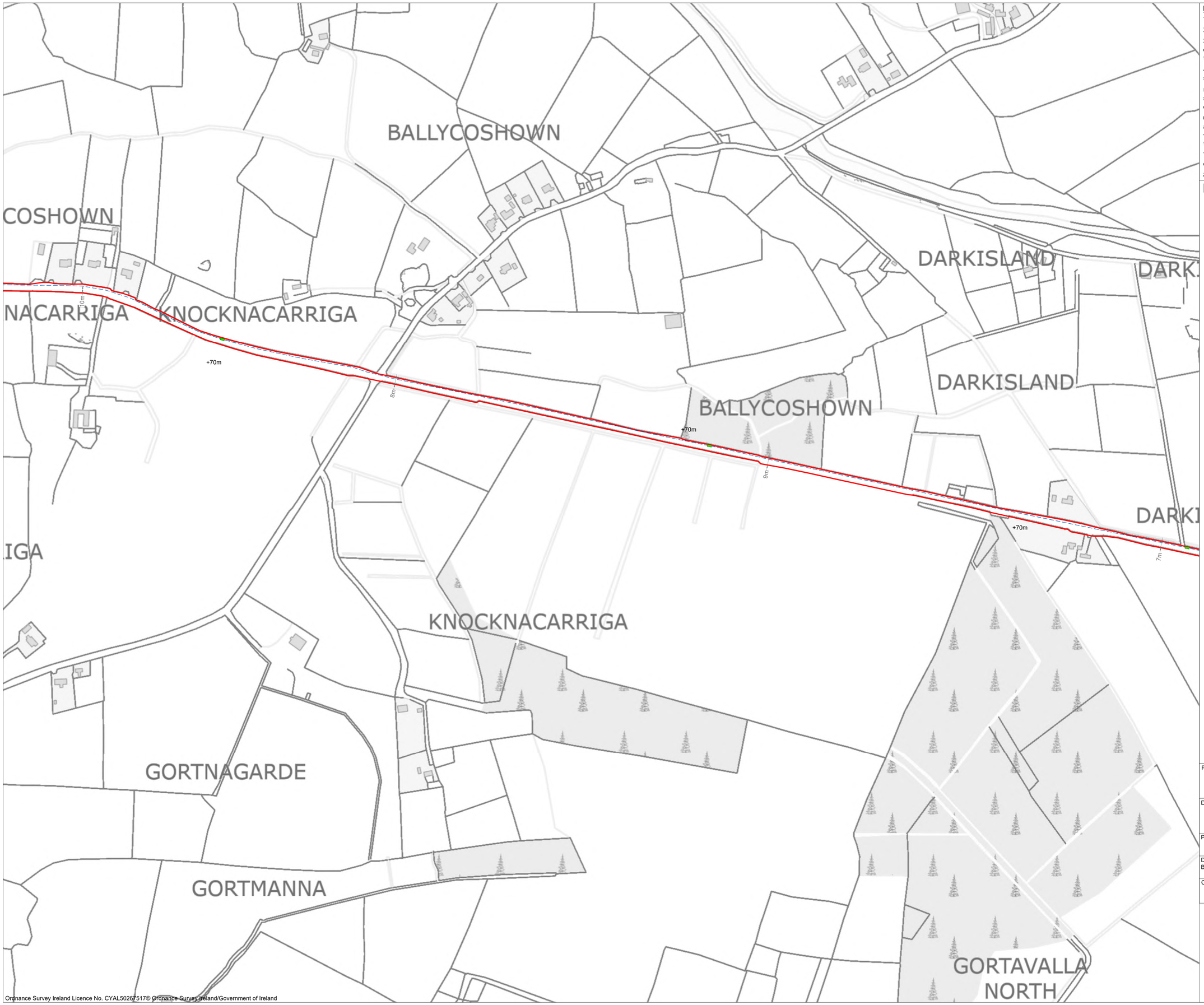
PROJECT No.:	DRAWING No.:	SCALE:
231102	231102 - 04.18	1:2,500 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

OS SHEET No.:
4744, 4745, 4746, 4747, 4748, 4749, 4750, 4751, 4752, 4753, 4754, 4755, 4814, 4815, 4804, 4805, 4806, 4807, 4808, 4809, 4810, 4811, 4812, 4813, 4877, 4878, 4867, 4868, 4869, 4870, 4871, 4872, 4873, 4874, 4875, 4876, 4938, 4939, 4940, 4929, 4930, 4931, 4932, 4933, 4934, 4935, 4936, 4937, 4989, 4990, 4991, 4992, 4993, 4994, 4995, 4996, 4997, 4998, 4999, 5000

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

Drawing Legend

- Planning Application Boundary
- Proposed Underground Grid Connection Cabling Route
- Joint Bay

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Site Layout Plan
Sheet 19 of 34

PROJECT No.:	DRAWING No.:	SCALE:
231102	231102 - 04.19	1:2,500 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

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

Drawing Legend

- Planning Application Boundary
- Proposed Underground Grid Connection Cabling Route
- Joint Bay

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Site Layout Plan
Sheet 20 of 34

PROJECT No.:	DRAWING No.:	SCALE:
231102	231102 - 04.20	1:2,500 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

OS SHEET No.:
4744, 4745, 4746, 4747, 4748, 4749, 4750, 4751, 4752, 4753, 4754, 4755, 4814, 4815, 4804, 4805, 4806, 4807, 4808, 4809, 4810, 4811, 4812, 4813, 4877, 4878, 4867, 4868, 4869, 4870, 4871, 4872, 4873, 4874, 4875, 4876, 4938, 4939, 4940, 4929, 4930, 4931, 4932, 4933, 4934, 4935, 4936, 4937, 4989, 4990, 4991, 4992, 4993, 4994, 4995, 4996, 4997, 4998, 4999, 5000

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

Drawing Legend

- Planning Application Boundary
- Proposed Underground Grid Connection Cabling Route
- Joint Bay

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Site Layout Plan
Sheet 21 of 34

PROJECT No.:	DRAWING No.:	SCALE:
231102	231102 - 04.21	1:2,500 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

OS SHEET No.:
4744, 4745, 4746, 4747, 4748, 4749, 4750, 4751, 4752, 4753, 4754, 4755, 4814, 4815, 4804, 4805, 4806, 4807, 4808, 4809, 4810, 4811, 4812, 4813, 4877, 4878, 4867, 4868, 4869, 4870, 4871, 4872, 4873, 4874, 4875, 4876, 4938, 4939, 4940, 4929, 4930, 4931, 4932, 4933, 4934, 4935, 4936, 4937, 4989, 4990, 4991, 4992, 4993, 4994, 4995, 4996, 4997, 4998, 4999, 5000

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Drawing Legend

- Planning Application Boundary
- Proposed Underground Grid Connection Cabling Route
- Joint Bay

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Site Layout Plan
Sheet 22 of 34

PROJECT No.:	DRAWING No.:	SCALE:
231102	231102 - 04.22	1:2,500 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

OS SHEET No.:
4744, 4745, 4746, 4747, 4748, 4749, 4750, 4751, 4752, 4753, 4754, 4755, 4814, 4815, 4804, 4805, 4806, 4807, 4808, 4809, 4810, 4811, 4812, 4813, 4877, 4878, 4867, 4868, 4869, 4870, 4871, 4872, 4873, 4874, 4875, 4876, 4938, 4939, 4940, 4929, 4930, 4931, 4932, 4933, 4934, 4935, 4936, 4937, 4089, 4990, 4991, 4992, 4993, 4994, 4995, 4996, 4997, 4998, 4999, 5000

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Drawing Legend

- Planning Application Boundary
- Proposed Underground Grid Connection Cabling Route
- Joint Bay

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Site Layout Plan
Sheet 23 of 34

PROJECT No.:	DRAWING No.:	SCALE:
231102	231102 - 04.23	1:2,500 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

OS SHEET No.:
4744, 4745, 4746, 4747, 4748, 4749, 4750, 4751, 4752, 4753, 4754, 4755, 4814, 4815, 4804, 4805, 4806, 4807, 4808, 4809, 4810, 4811, 4812, 4813, 4877, 4878, 4867, 4868, 4869, 4870, 4871, 4872, 4873, 4874, 4875, 4876, 4938, 4939, 4940, 4929, 4930, 4931, 4932, 4933, 4934, 4935, 4936, 4937, 4989, 4990, 4991, 4992, 4993, 4994, 4995, 4996, 4997, 4998, 4999, 5000

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KILLINURE

GORTEENNASKAGH

GORTEENNASKAG

KILLINURE

GORTEENNASKAGH

GORTEENN

GRANGE WEST

BRITTAS

+40m

+40m

+40m

+40m

+50m

+50m

+50m

5m

8m

8m

9m

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Drawing Legend

- Planning Application Boundary
- Proposed Underground Grid Connection Cabling Route
- Joint Bay

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Site Layout Plan
Sheet 24 of 34

PROJECT No.:		DRAWING No.:	SCALE:
231102		231102 - 04.24	1:2,500 @ A1
DRAWN BY: JOB	CHECKED BY: AC	DATE: 25.03.2026	REVISION.: P02

OS SHEET No.:
4744, 4745, 4746, 4747, 4748, 4749, 4750, 4751, 4752, 4753, 4754, 4755, 4814, 4815, 4804, 4805, 4806, 4807, 4808, 4809, 4810, 4811, 4812, 4813, 4877, 4878, 4867, 4868, 4869, 4870, 4871, 4872, 4873, 4874, 4875, 4876, 4938, 4939, 4940, 4929, 4930, 4931, 4932, 4933, 4934, 4935, 4936, 4937, 4989, 4990, 4991, 4992, 4993, 4994, 4995, 4996, 4997, 4998, 4999, 5000

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

Drawing Legend

- Planning Application Boundary
- Proposed Underground Grid Connection Cabling Route
- Joint Bay

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Site Layout Plan
Sheet 25 of 34

PROJECT No.:	DRAWING No.:	SCALE:
231102	231102 - 04.25	1:2,500 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

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

Drawing Legend

- Planning Application Boundary
- Proposed Underground Grid Connection Cabling Route
- Joint Bay

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Site Layout Plan
Sheet 26 of 34

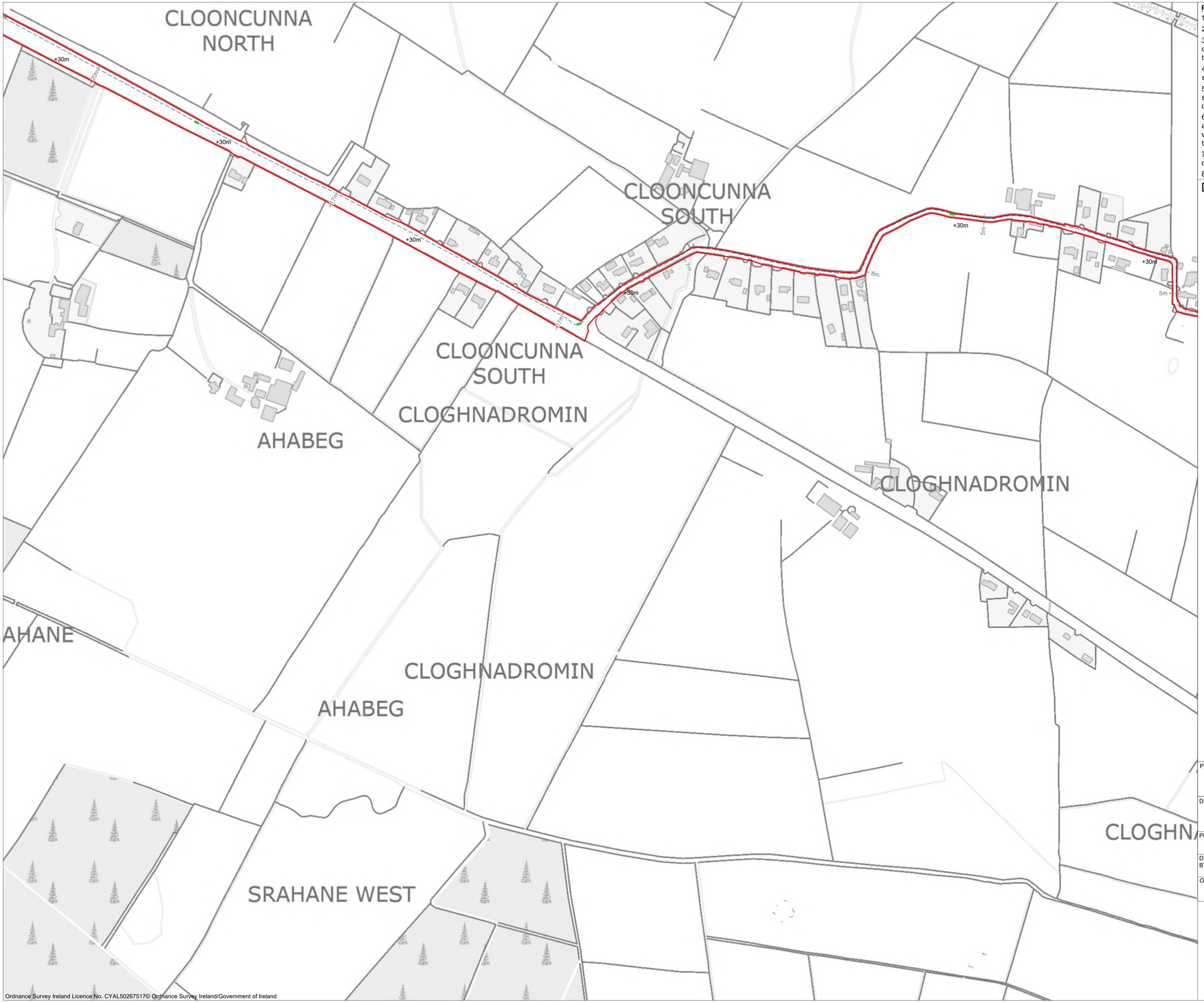
PROJECT No.:	DRAWING No.:	SCALE:
231102	231102 - 04.26	1:2,500 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

OS SHEET No.:
4744, 4745, 4746, 4747, 4748, 4749, 4750, 4751, 4752, 4753, 4754, 4755, 4814, 4815, 4804, 4805, 4806, 4807, 4808, 4809, 4810, 4811, 4812, 4813, 4877, 4878, 4867, 4868, 4869, 4870, 4871, 4872, 4873, 4874, 4875, 4876, 4938, 4939, 4940, 4929, 4930, 4931, 4932, 4933, 4934, 4935, 4936, 4937, 4989, 4990, 4991, 4992, 4993, 4994, 4995, 4996, 4997, 4998, 4999, 5000

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

Drawing Legend

- Planning Application Boundary
- Proposed Underground Grid Connection Cabling Route
- Joint Bay

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Site Layout Plan
Sheet 27 of 34

PROJECT No.:		DRAWING No.:	SCALE:
231102		231102 - 04.27	1:2,500 @ A1
DRAWN BY: JOB	CHECKED BY: AC	DATE: 25.03.2026	REVISION.: P02

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

Drawing Legend

- Planning Application Boundary
- Proposed Underground Grid Connection Cabling Route
- Joint Bay

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Site Layout Plan
Sheet 28 of 34

PROJECT No.:	DRAWING No.:	SCALE:
231102	231102 - 04.28	1:2,500 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

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

Drawing Legend

- Planning Application Boundary
- Proposed Underground Grid Connection Cabling Route
- Joint Bay

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Site Layout Plan
Sheet 29 of 34

PROJECT No.:	DRAWING No.:	SCALE:
231102	231102 - 04.29	1:2,500 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

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

Drawing Legend

- Planning Application Boundary
- Temporary Accommodation Areas
- Cut

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Site Layout Plan
Sheet 30 of 34

PROJECT No.:	DRAWING No.:	SCALE:
231102	231102 - 04.30	1:2,500 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

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

Drawing Legend

- Planning Application Boundary
- Temporary Accommodation Areas
- Cut

GORTUSSA

GORTARUSH LOWER

GORTARUSH LOWER

GORTARUSH LOWER

12m

5m

5m

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Site Layout Plan Sheet 31 of 34

PROJECT No.:	DRAWING No.:	SCALE:
231102	231102 - 04.31	1:2,500 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

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

Drawing Legend

- Planning Application Boundary
- Temporary Accommodation Areas
- Cut

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Site Layout Plan
Sheet 32 of 34

PROJECT No.:	DRAWING No.:	SCALE:
231102	231102 - 04.32	1:2,500 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

OS SHEET No.:
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KILSHENANE

BLEHILL

BALLYNAHINCH

BALLYNAHINCH

BALLYNAHINCH

BALLYNAHINCH

11m

19m

21m

4m

11m

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

Drawing Legend

- Planning Application Boundary
- Temporary Accommodation Areas
- Cut

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Site Layout Plan Sheet 33 of 34

PROJECT No.:	DRAWING No.:	SCALE:
231102	231102 - 04.33	1:2,500 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

OS SHEET No.:
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8. Final levels may vary depending on local ground conditions.

Drawing Legend

- Planning Application Boundary
- Temporary Accommodation Areas
- Cut

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Site Layout Plan
Sheet 34 of 34

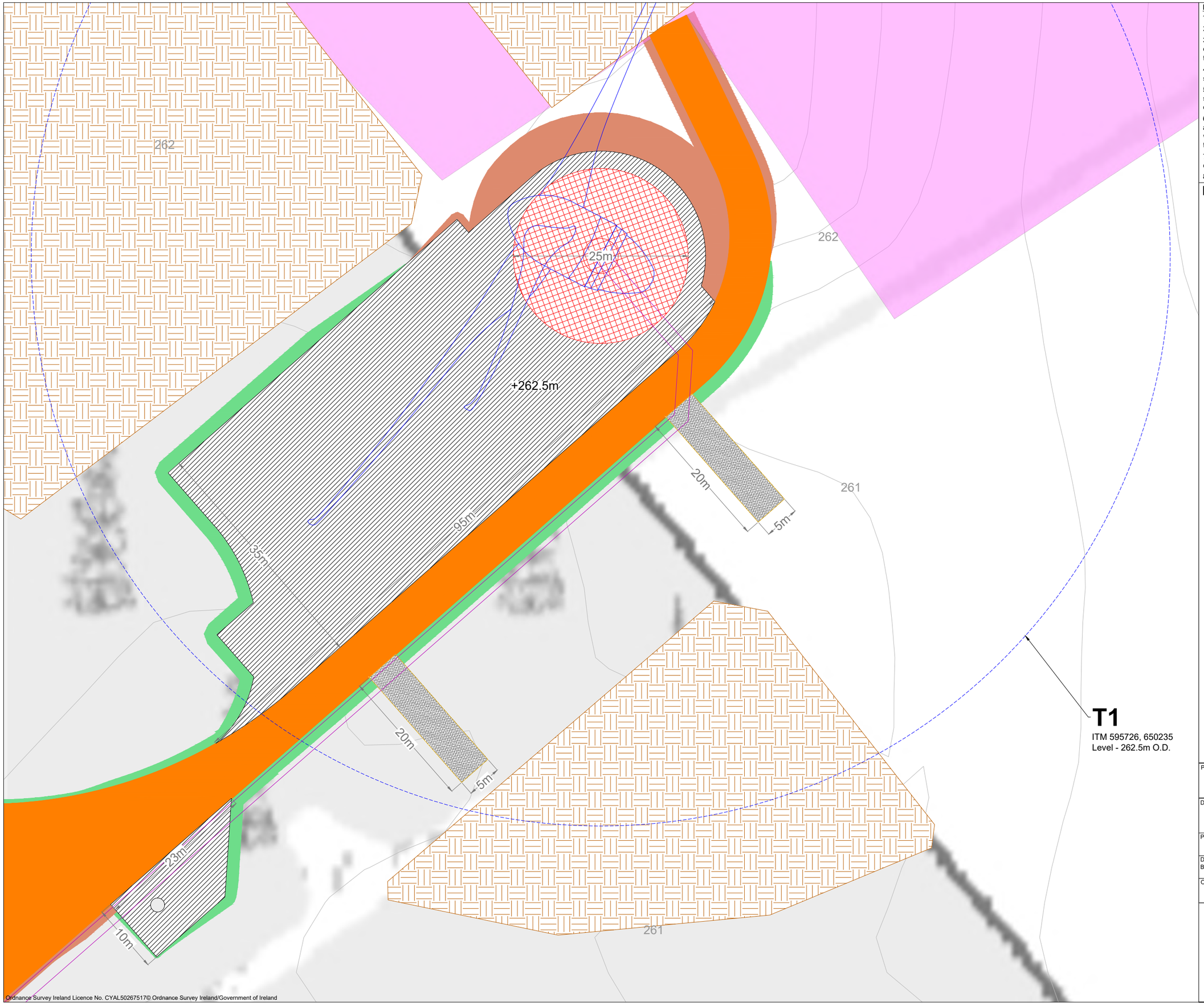
PROJECT No.:	DRAWING No.:	SCALE:
231102	231102 - 04.34	1:2,500 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

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

Drawing Legend

- Proposed New Road
- Soft Levelled Area
- Hardstand
- Turbine Foundation
- Turbine Sweep Area
- Cut
- Fill
- Spoil Management Areas
- Biodiversity Enhancement Area
- Internal Electrical Cabling Trench

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Turbine 1 Layout

PROJECT No.:	DRAWING No.:	SCALE:
231102	231102 - 05	1:500 @ A3

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

OS SHEET No.:
4744, 4745, 4746, 4747, 4748, 4749, 4750, 4751, 4752, 4753, 4754, 4755, 4814, 4815, 4804, 4805, 4806, 4807, 4808, 4809, 4810, 4811, 4812, 4813, 4877, 4878, 4867, 4868, 4869, 4870, 4871, 4872, 4873, 4874, 4875, 4876, 4938, 4939, 4940, 4929, 4930, 4931, 4932, 4933, 4934, 4935, 4936, 4937, 4989, 4990, 4991, 4992, 4993, 4994, 4995, 4996, 4997, 4998, 4999, 5000

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

Drawing Legend

- Proposed New Road
- Soft Levelled Area
- Hardstand
- Turbine Foundation
- Turbine Sweep Area
- Cut
- Fill
- Internal Electrical Cabling Trench

270
273
266
25m
+269.5m
5m
20m
100m
35m
5m
20m
264
271
268
275
279
23m
10m

T2
ITM 595309, 651206
Level - 269.5m O.D.

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Turbine 2 Layout

PROJECT No.:	DRAWING No.:	SCALE:
231102	231102 - 06	1:500 @ A3

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

OS SHEET No.:
4744, 4745, 4746, 4747, 4748, 4749, 4750, 4751, 4752, 4753, 4754, 4755, 4814, 4815, 4804, 4805, 4806, 4807, 4808, 4809, 4810, 4811, 4812, 4813, 4877, 4878, 4867, 4868, 4869, 4870, 4871, 4872, 4873, 4874, 4875, 4876, 4938, 4939, 4940, 4929, 4930, 4931, 4932, 4933, 4934, 4935, 4936, 4937, 4989, 4990, 4991, 4992, 4993, 4994, 4995, 4996, 4997, 4998, 4999, 5000

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

Drawing Legend

- Proposed New Road
- Soft Levelled Area
- Hardstand
- Turbine Foundation
- Turbine Sweep Area
- Cut
- Fill
- Biodiversity Enhancement Area
- Internal Electrical Cabling Trench
- Spoil Management Areas

252
251
250
249
25m
+251.5m
20m
5m
100m
35m
20m
5m
23m
10m
T3
ITM 594925, 649760
Level - 251.5m O.D.
N

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PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Turbine 3 Layout

PROJECT No.:	DRAWING No.:	SCALE:
231102	231102 - 07	1:500 @ A3

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

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

Drawing Legend

- Proposed New Road
- Soft Levelled Area
- Hardstand
- Turbine Foundation
- Turbine Sweep Area
- Cut
- Fill
- Internal Electrical Cabling Trench

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

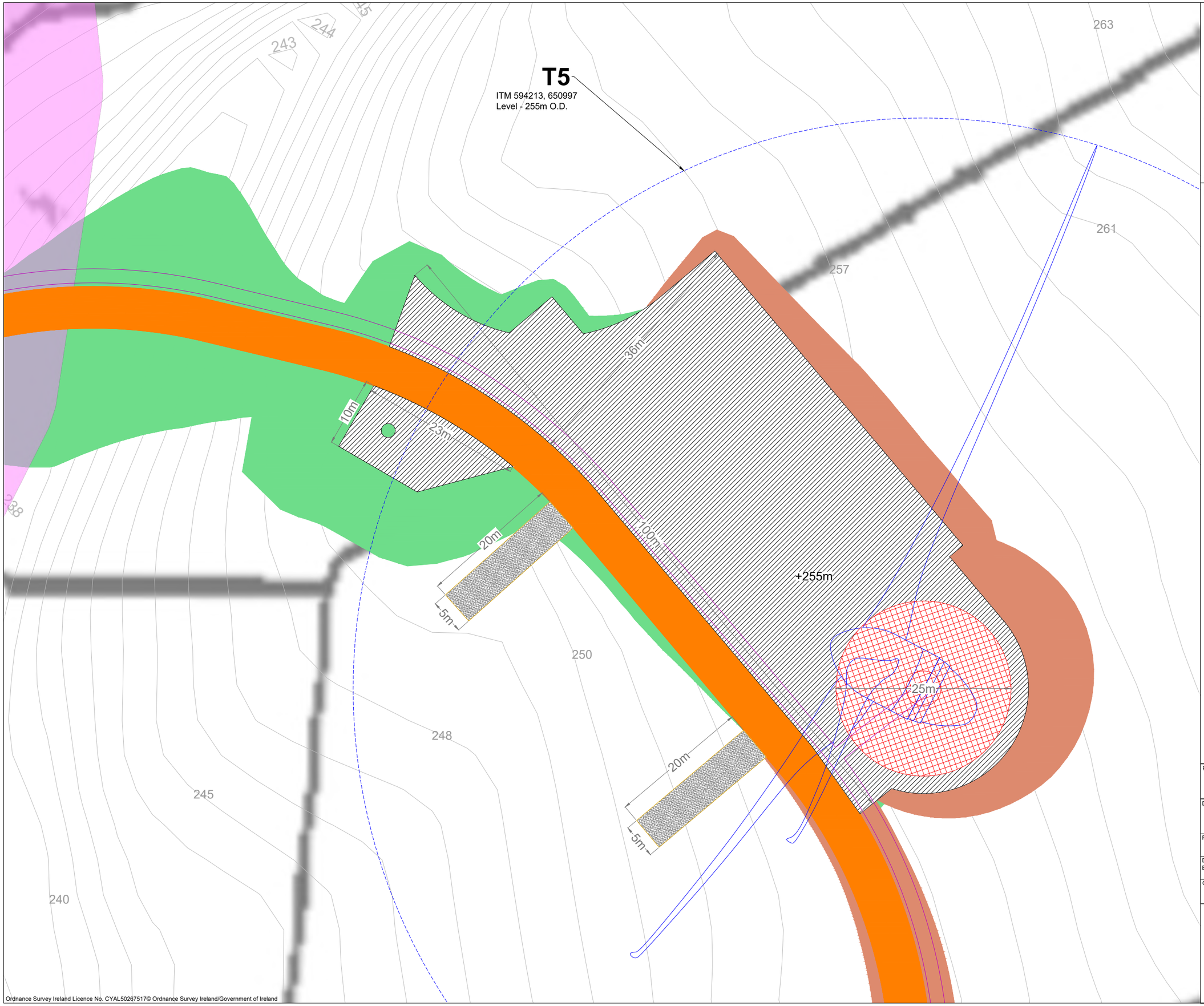
DRAWING TITLE:
Turbine 4 Layout

PROJECT No.:	DRAWING No.:	SCALE:
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DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

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

Drawing Legend

- Proposed New Road
- Soft Levelled Area
- Hardstand
- Turbine Foundation
- Turbine Sweep Area
- Cut
- Fill
- Biodiversity Enhancement Area
- Internal Electrical Cabling Trench

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

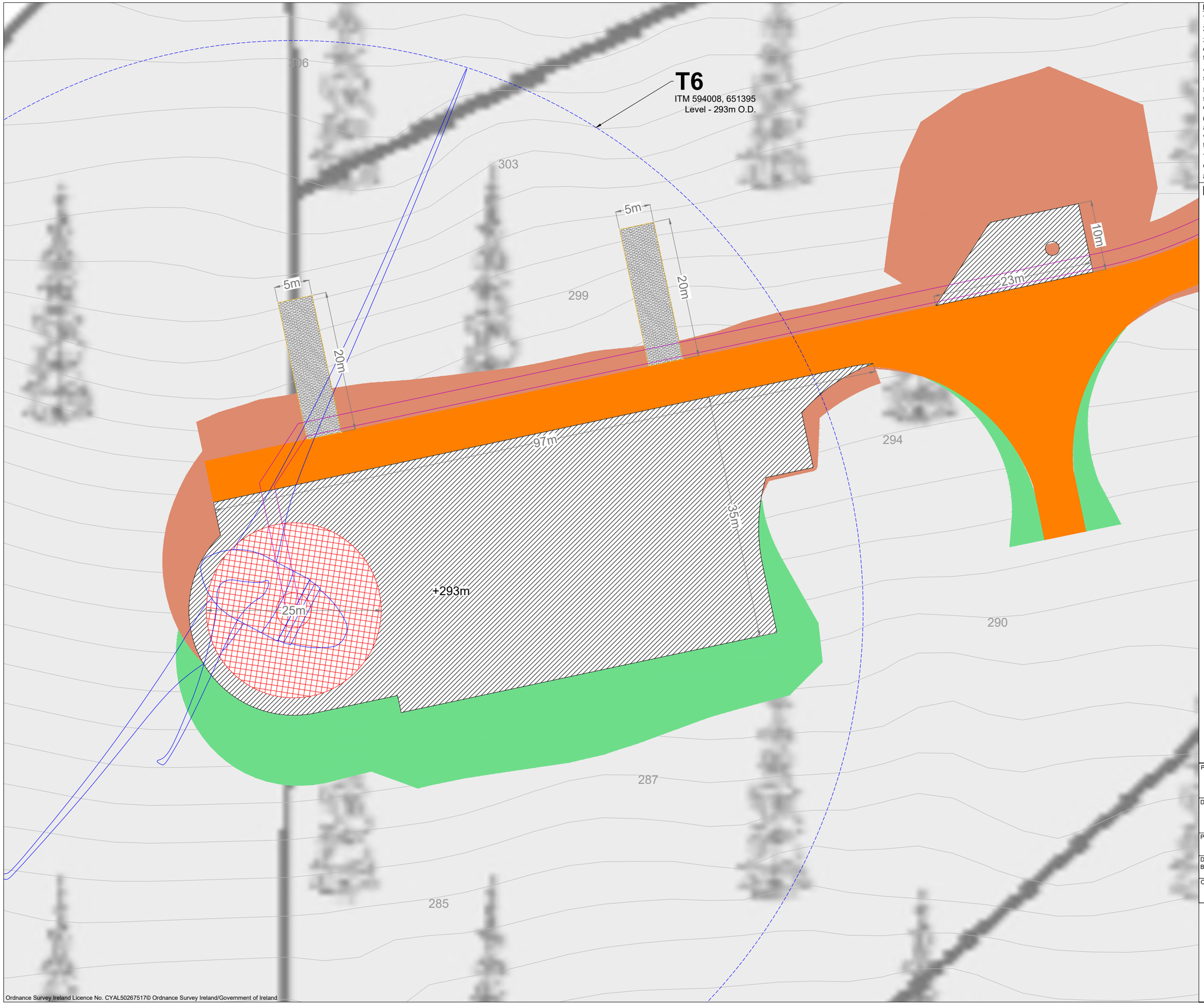
DRAWING TITLE:
Turbine 5 Layout

PROJECT No.:	DRAWING No.:	SCALE:
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DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

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

Drawing Legend

- Proposed New Road
- Soft Levelled Area
- Hardstand
- Turbine Foundation
- Turbine Sweep Area
- Cut
- Fill
- Internal Electrical Cabling Trench

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Turbine 6 Layout

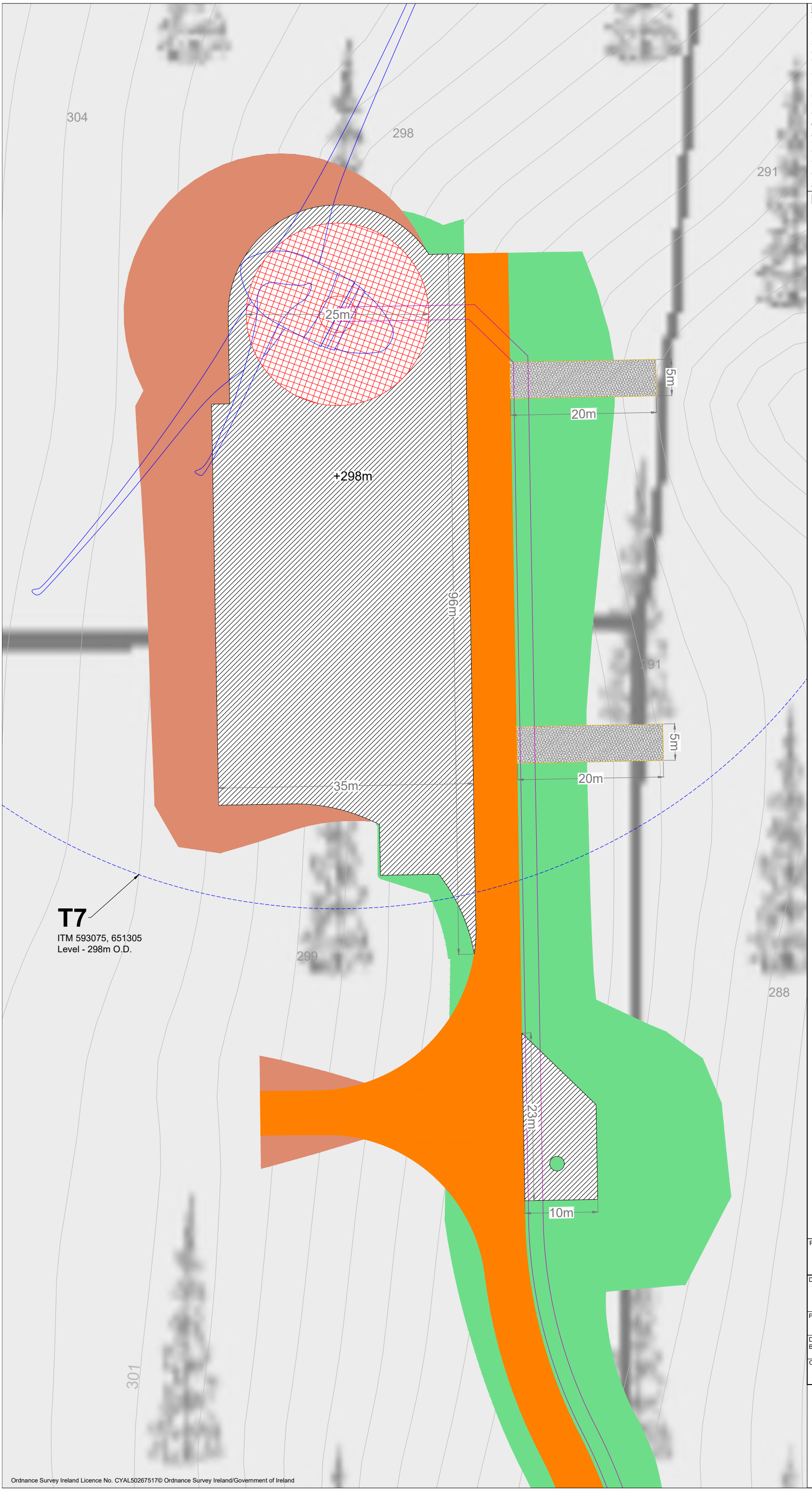
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DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

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

Drawing Legend

- Proposed New Road
- Soft Levelled Area
- Hardstand
- Turbine Foundation
- Turbine Sweep Area
- Cut
- Fill
- Internal Electrical Cabling Trench

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Turbine 7 Layout

PROJECT No.:	DRAWING No.:	SCALE:
231102	231102 - 11	1:500 @ A3

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

OS SHEET No.:
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Field Gate
Refer to DWG
231102-36

T8
ITM 593407, 650439
Level - 214.5m O.D.

+214.5m

13m
23m
5m
20m
35m
100m
5m
20m
25m

221
218
216
217
214

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

Drawing Legend

- Existing Road to be Upgraded
- Proposed New Road
- Soft Levelled Area
- Hardstand
- Turbine Foundation
- Turbine Sweep Area
- Cut
- Fill
- Existing Public Road to be Maintained
- Internal Electrical Cabling Trench
- Spoil Management Areas

N

PROJECT TITLE: **Carrow Wind Farm, Co. Tipperary & Co. Limerick**

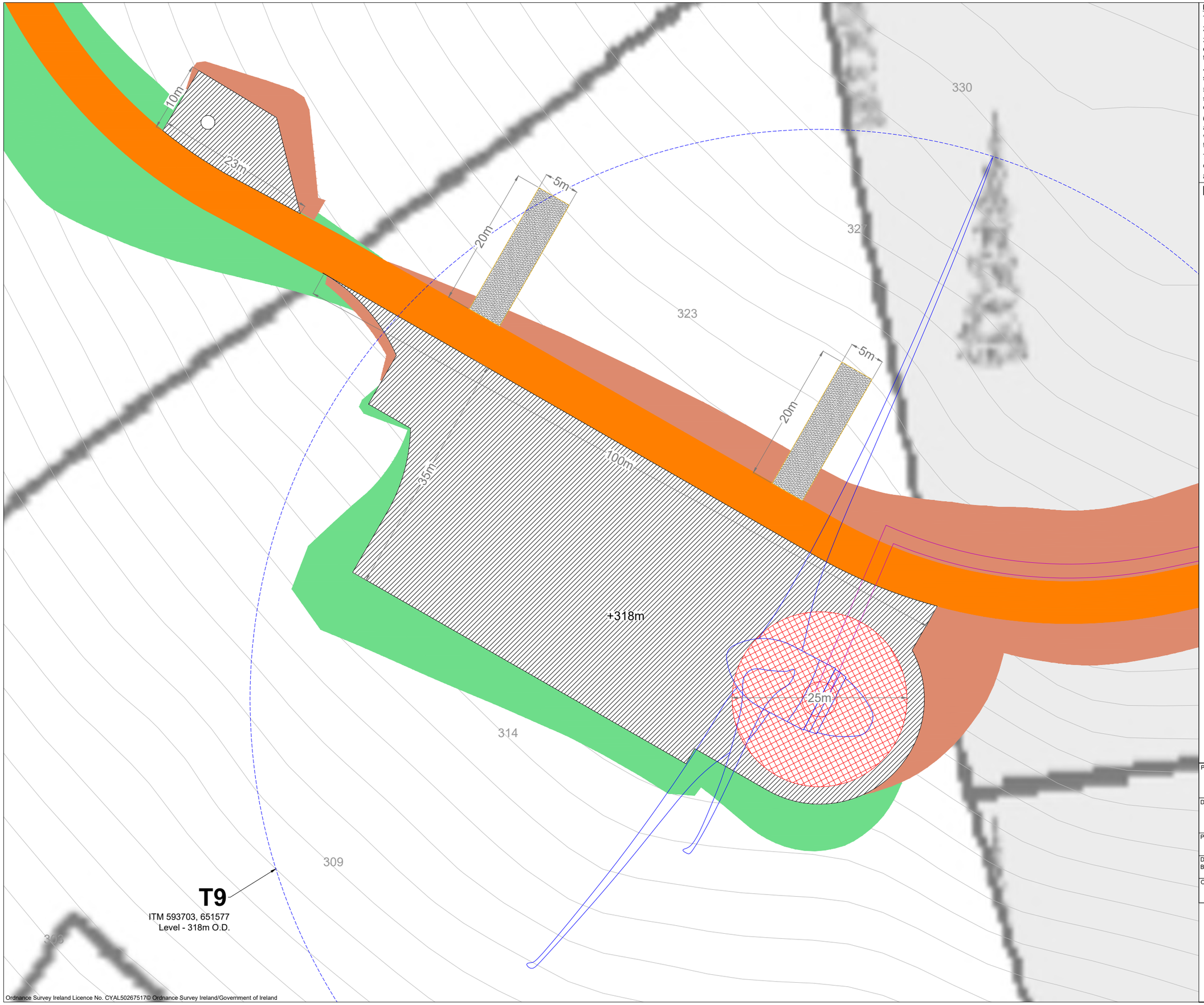
DRAWING TITLE: **Turbine 8 Layout**

PROJECT No.:	DRAWING No.:	SCALE:
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DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

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

Drawing Legend

- Proposed New Road
- Soft Levelled Area
- Hardstand
- Turbine Foundation
- Turbine Sweep Area
- Cut
- Fill
- Internal Electrical Cabling Trench

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

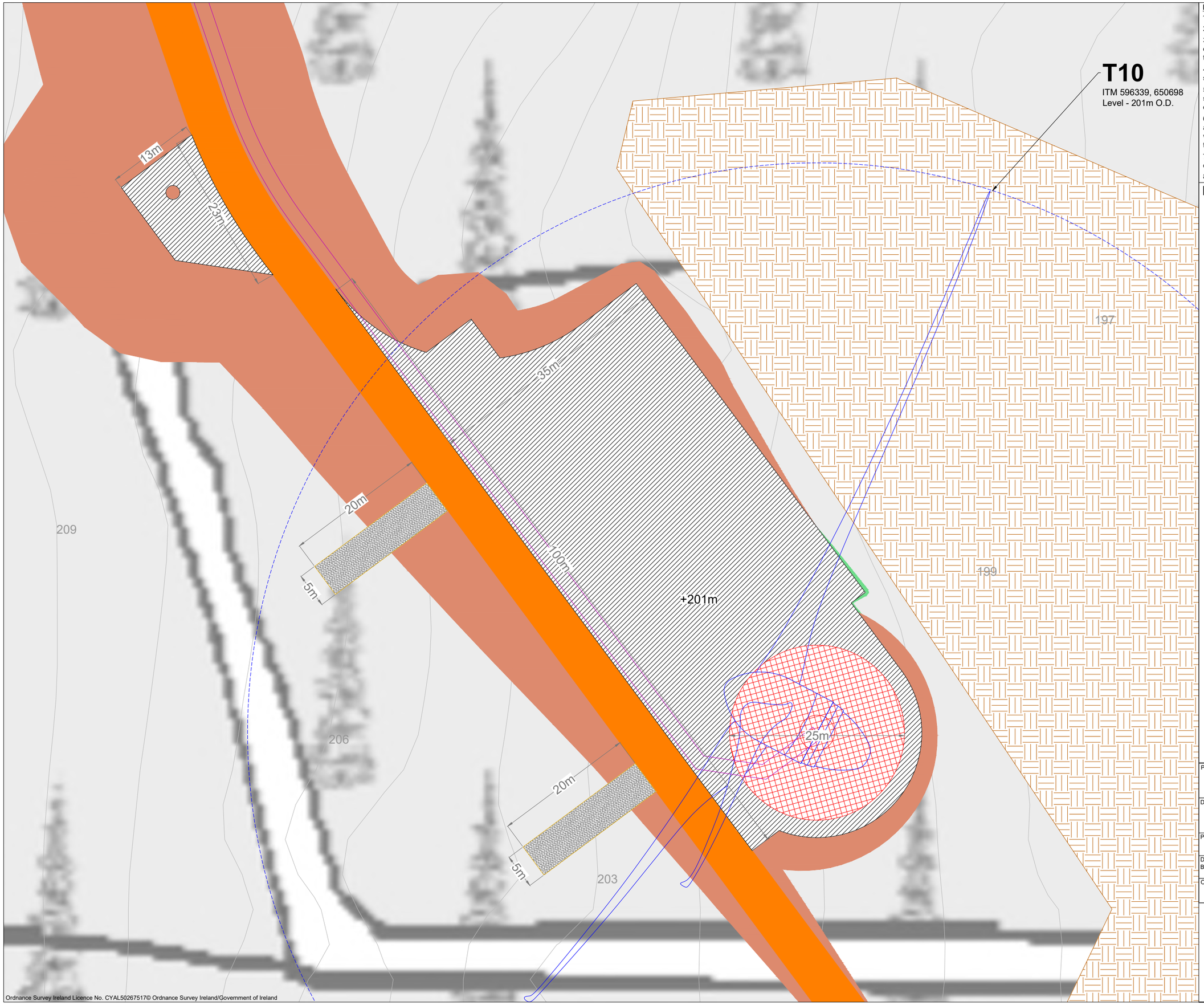
DRAWING TITLE:
Turbine 9 Layout

PROJECT No.:	DRAWING No.:	SCALE:
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DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

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

Drawing Legend

- Proposed New Road
- Soft Levelled Area
- Hardstand
- Turbine Foundation
- Turbine Sweep Area
- Cut
- Fill
- Internal Electrical Cabling Trench
- Spoil Management Areas

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Turbine 10 Layout

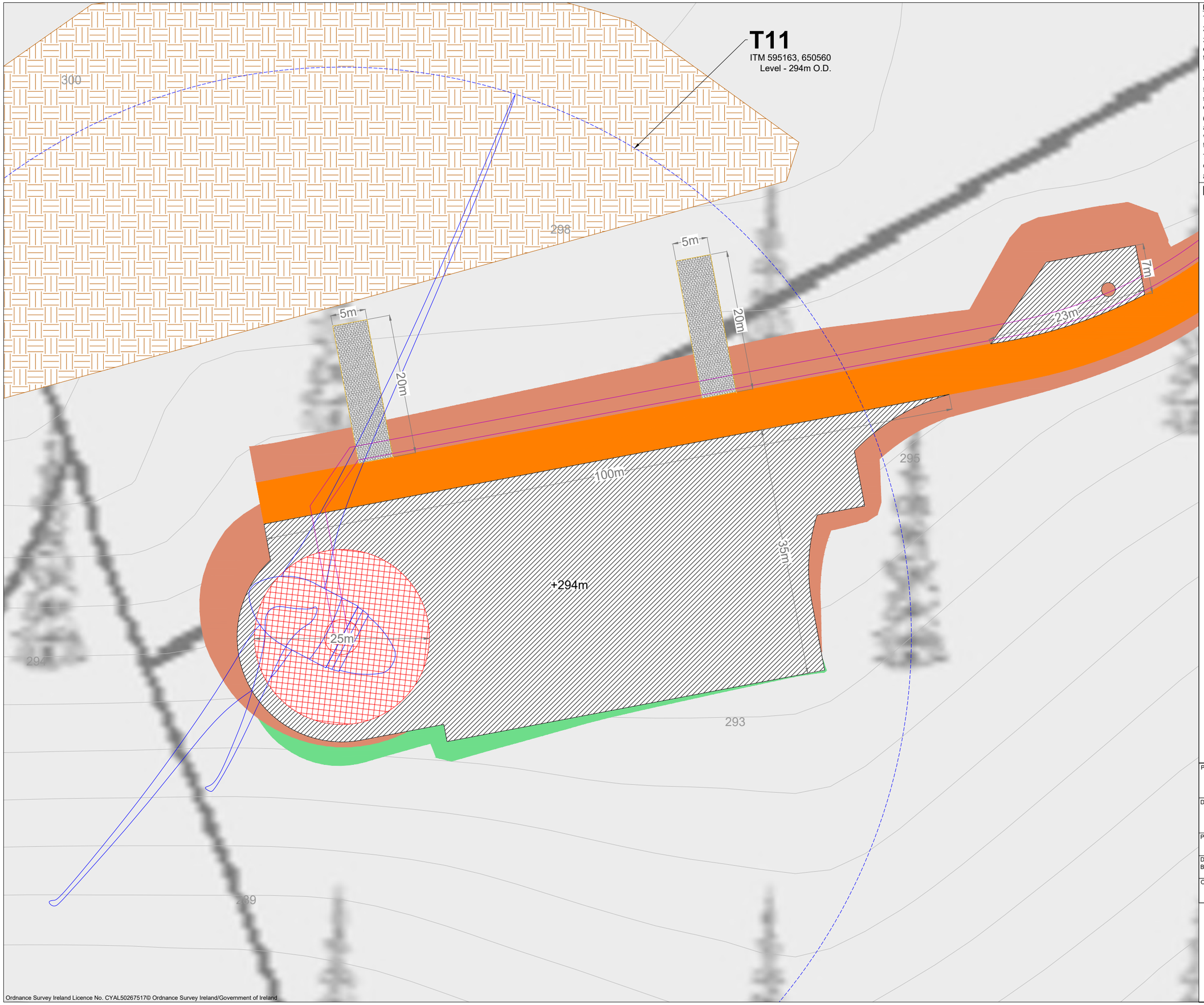
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JOB	AC	25.03.2026	P02

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

Drawing Legend

- Proposed New Road
- Soft Levelled Area
- Hardstand
- Turbine Foundation
- Turbine Sweep Area
- Cut
- Fill
- Internal Electrical Cabling Trench
- Spoil Management Areas

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

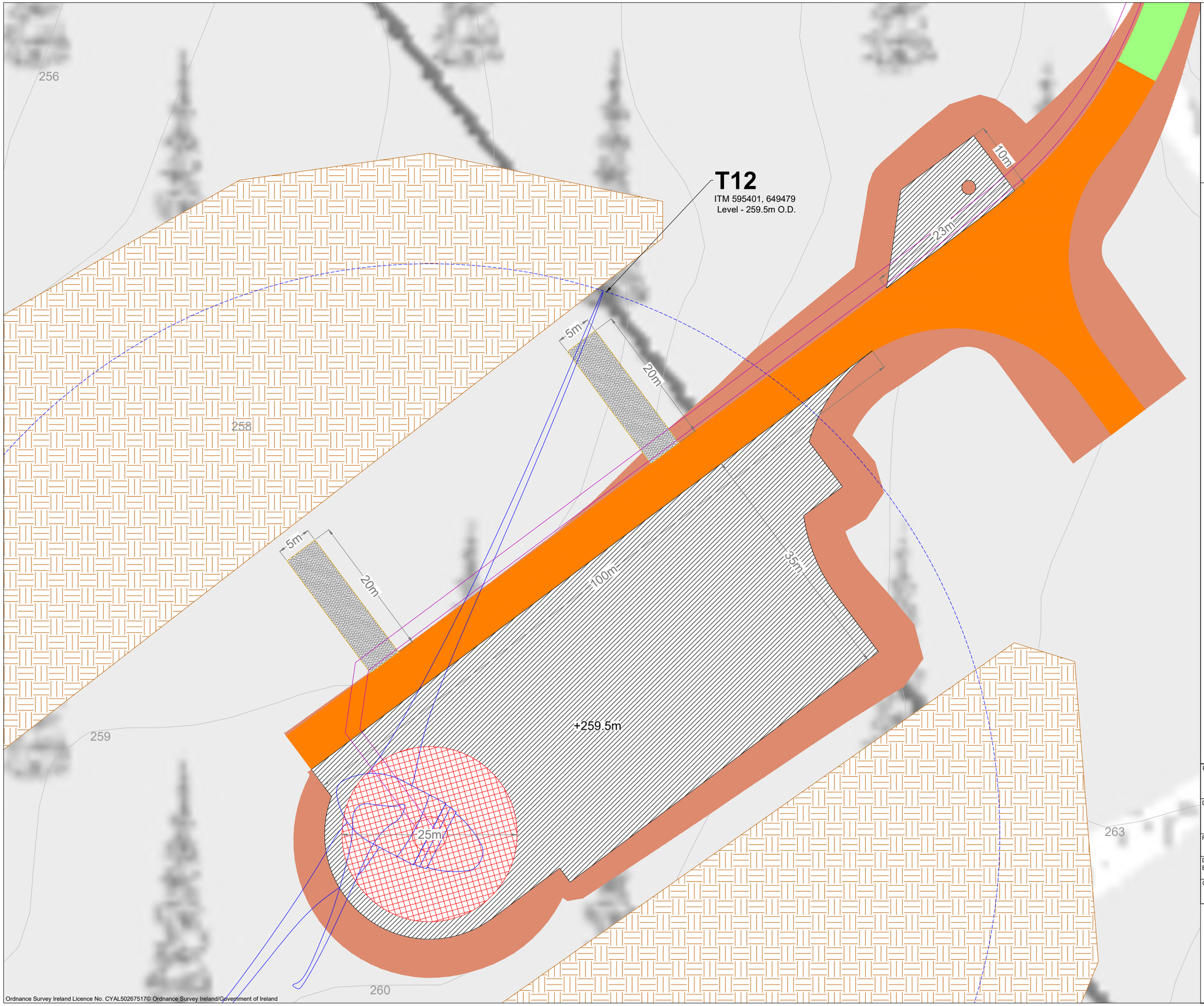
DRAWING TITLE:
Turbine 11 Layout

PROJECT No.:	DRAWING No.:	SCALE:
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DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

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

Drawing Legend

- Existing Road to be Upgraded
- Proposed New Road
- Soft Levelled Area
- Hardstand
- Turbine Foundation
- Turbine Sweep Area
- Cut
- Fill
- Internal Electrical Cabling Trench
- Spoil Management Areas

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

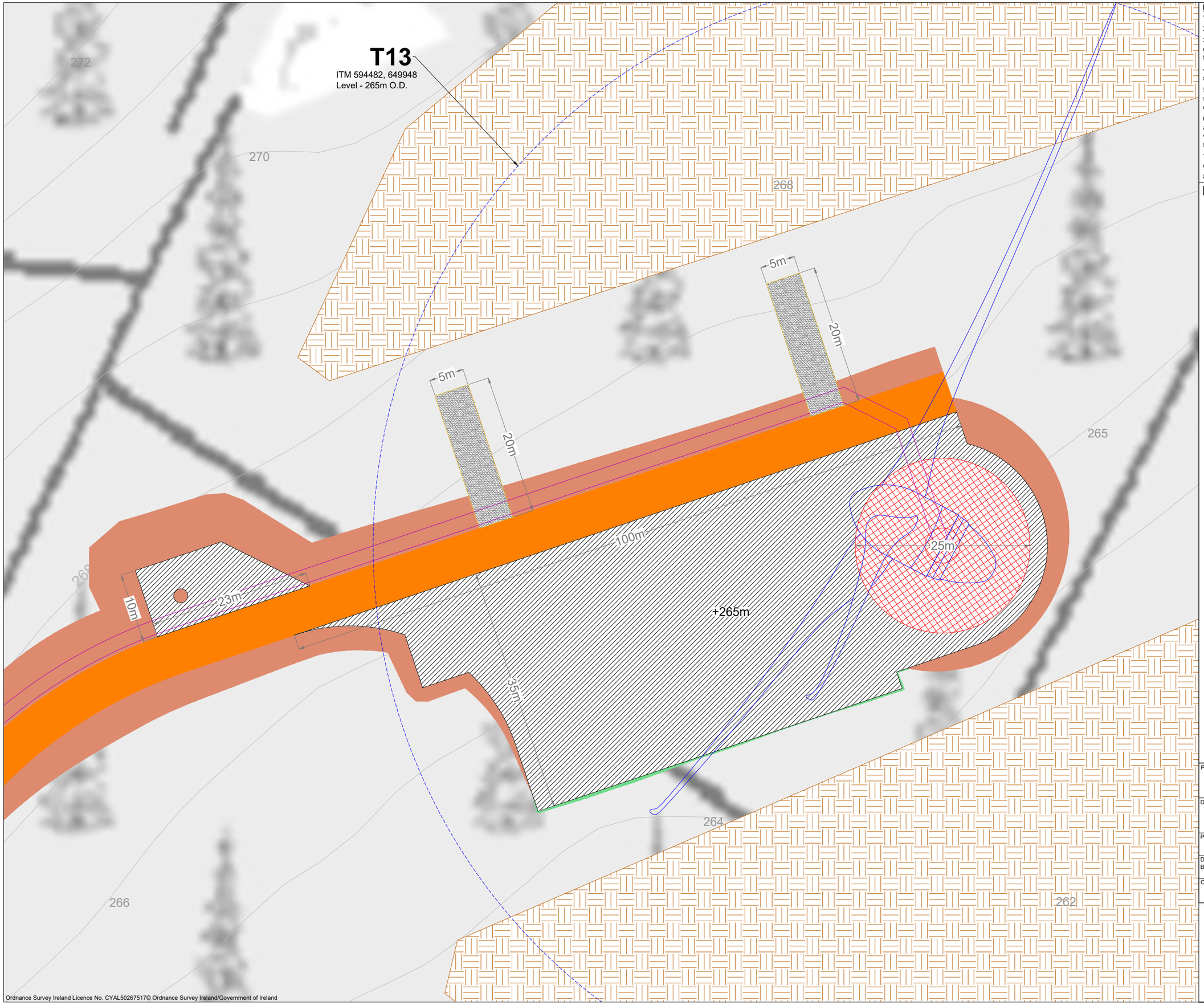
DRAWING TITLE:
Turbine 12 Layout

PROJECT No.:	DRAWING No.:	SCALE:
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DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

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

Drawing Legend

- Proposed New Road
- Soft Levelled Area
- Hardstand
- Turbine Foundation
- Turbine Sweep Area
- Cut
- Fill
- Internal Electrical Cabling Trench
- Spoil Management Areas

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Turbine 13 Layout

PROJECT No.:	DRAWING No.:	SCALE:
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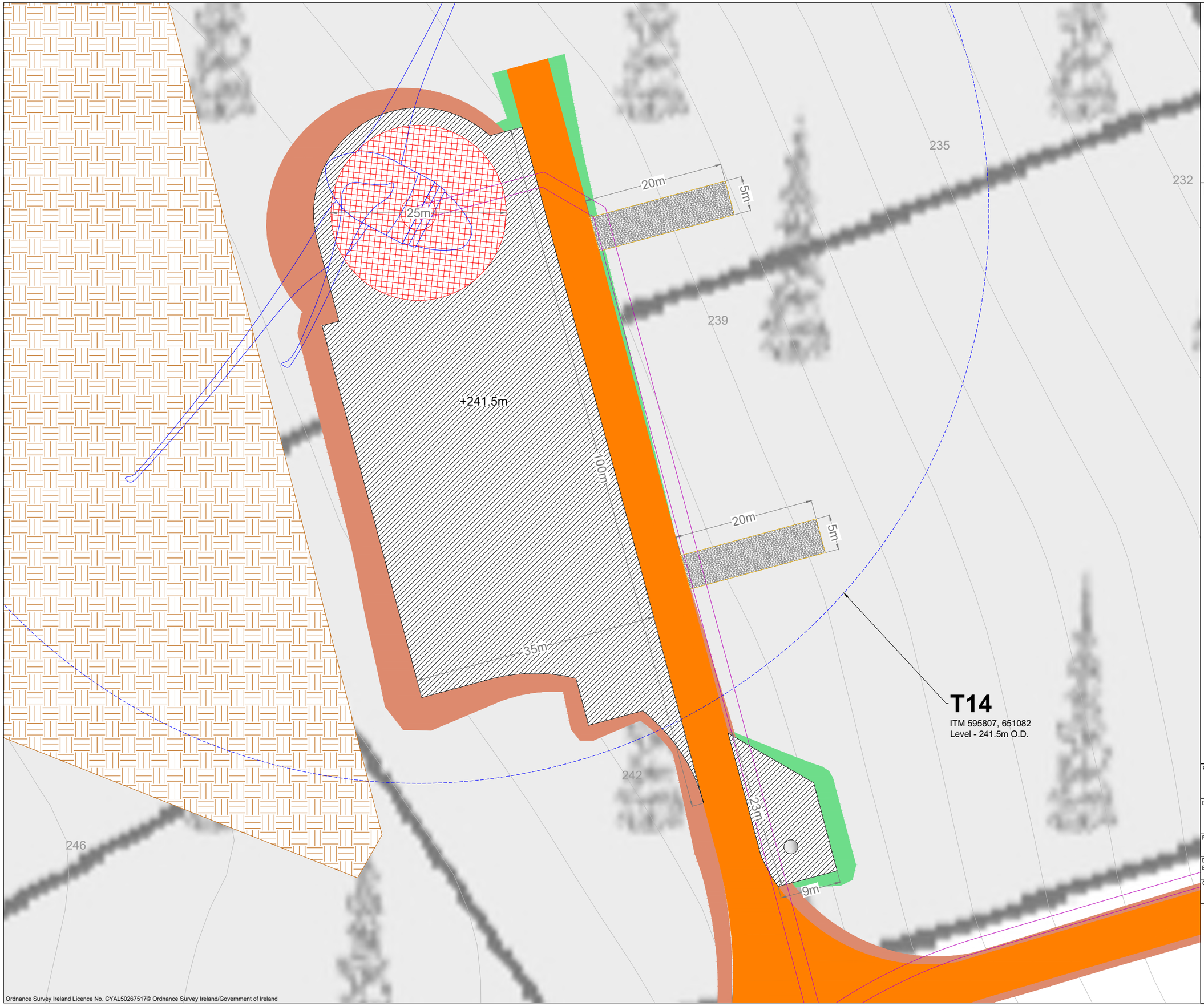
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JOB	AC	25.03.2026	P02

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

Drawing Legend

- Proposed New Road
- Soft Levelled Area
- Hardstand
- Turbine Foundation
- Turbine Sweep Area
- Cut
- Fill
- Internal Electrical Cabling Trench
- Spoil Management Areas

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Turbine 14 Layout

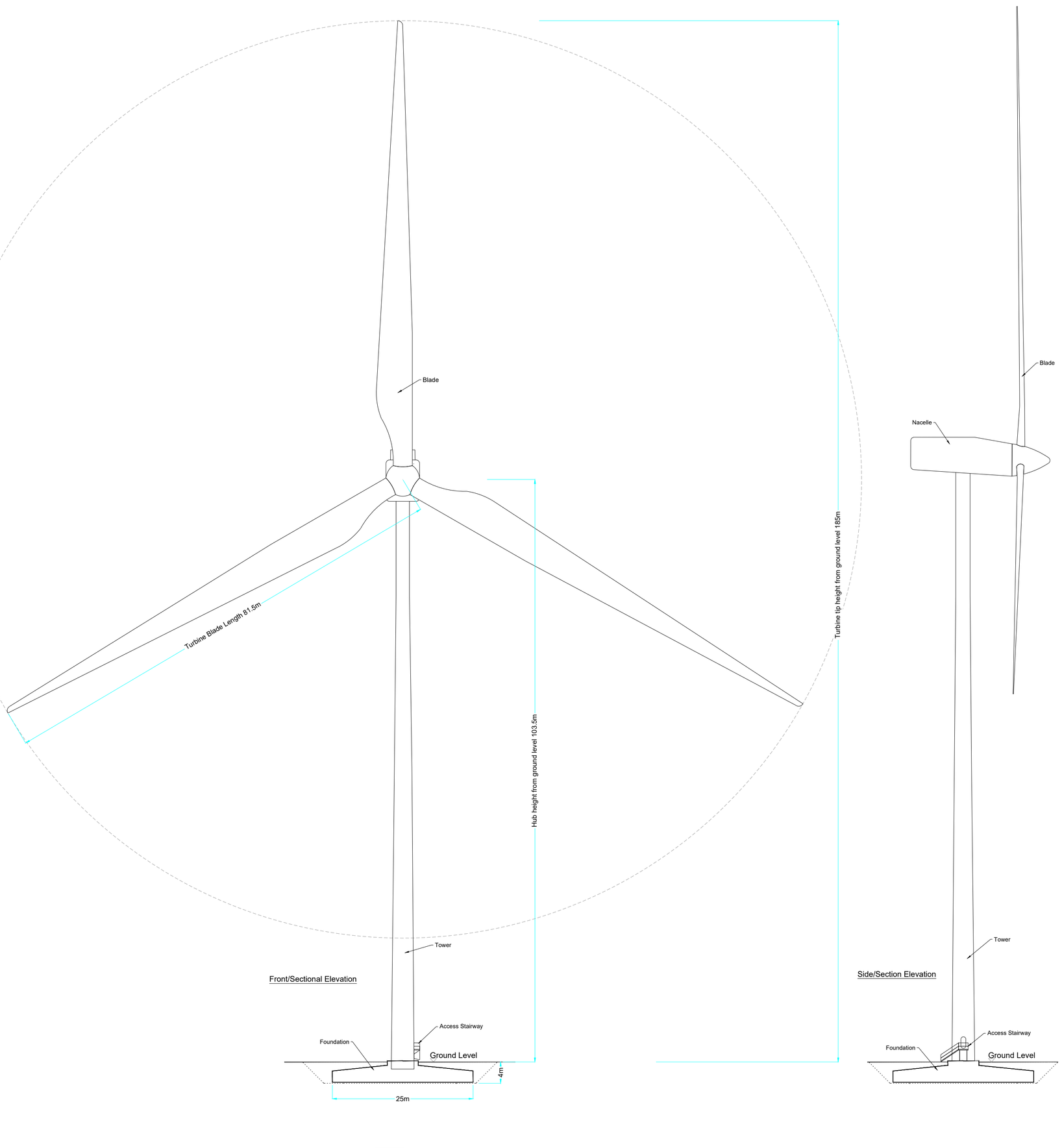
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JOB	AC	25.03.2026	P02

OS SHEET No.:
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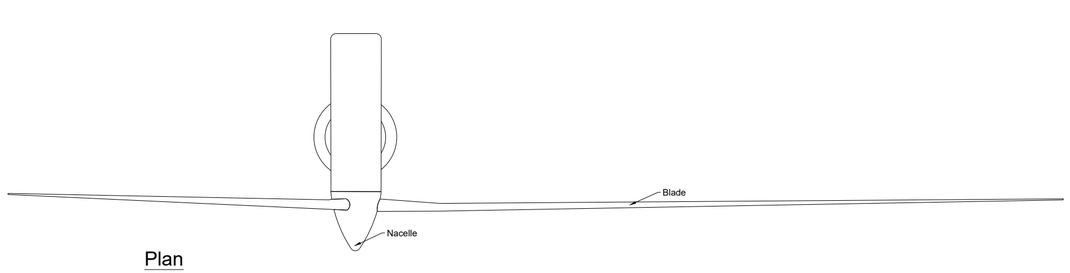
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Front/Sectional Elevation

Side/Section Elevation



Plan

Drawing Notes

1. Proposed wind turbines to have a maximum ground to blade tip height of 185m, blade length of 81.5m and hub height of 103.5m
2. Ground level represents the top of turbine foundation.

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

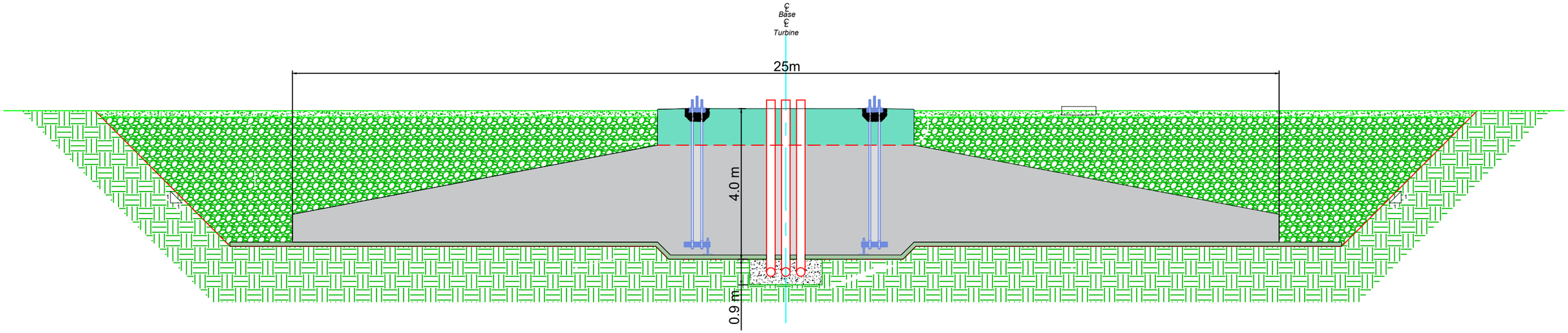
DRAWING TITLE:
Wind Turbine Elevation & Plan

PROJECT No.:	DRAWING No.:	SCALE:
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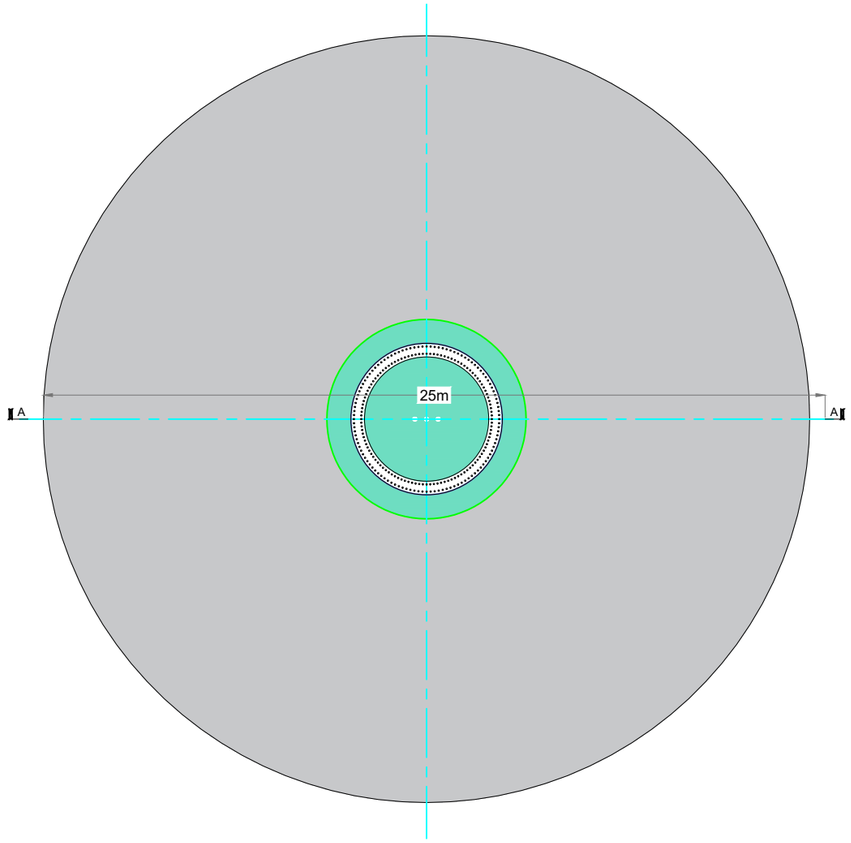
DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

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Section A-A
Scale 1:100



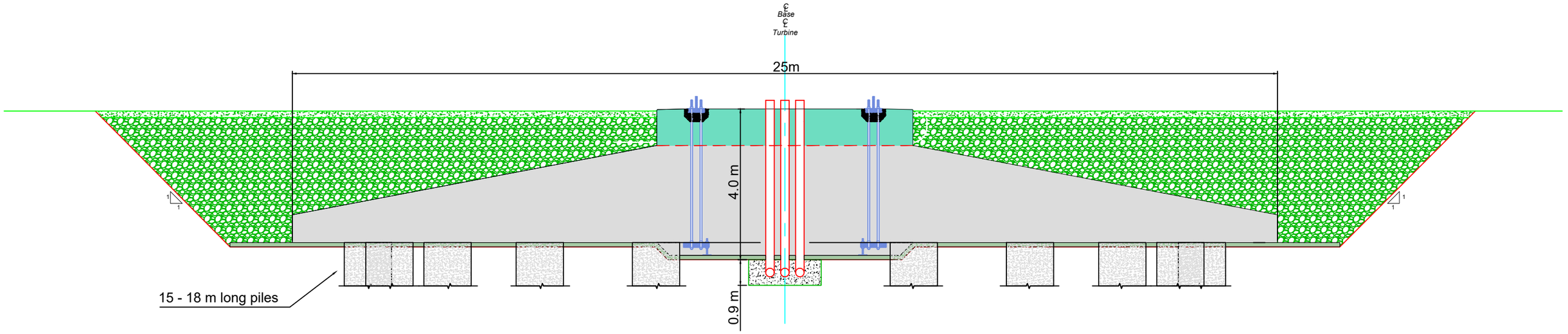
Plan
Scale: 1:200



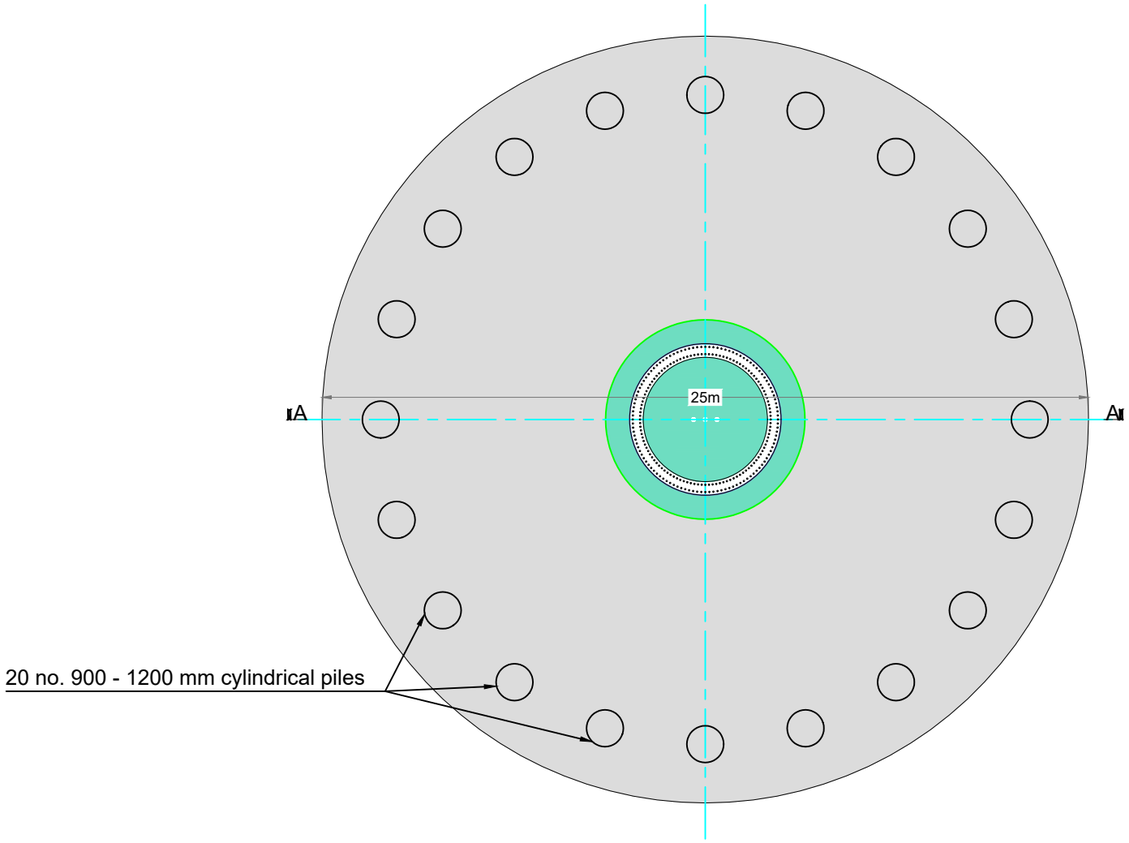
PROJECT TITLE: **Carrow Wind Farm, Co. Tipperary & Co. Limerick**			
DRAWING TITLE: **Gravity Foundations Details**			
PROJECT No.: **231102**		DRAWING No.: **231102 - 20**	SCALE: **As Shown @ A3**
DRAWN BY: **JOB**	CHECKED BY: **AC**	DATE: **25.03.2026**	REVISION.: **P02**

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Section A-A
Scale 1:100



Plan
Scale: 1:200



PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

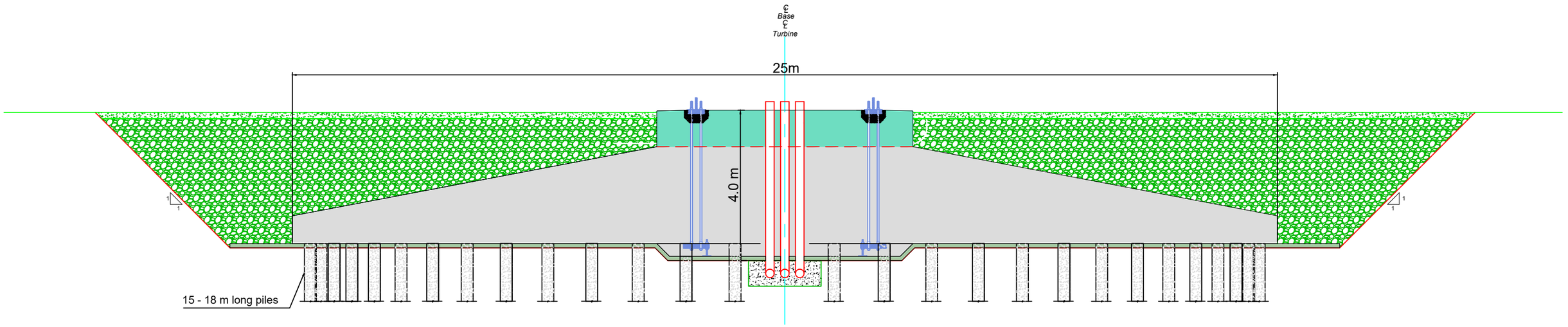
DRAWING TITLE:
Bored Pile Foundations Details

PROJECT No.:	DRAWING No.:	SCALE:
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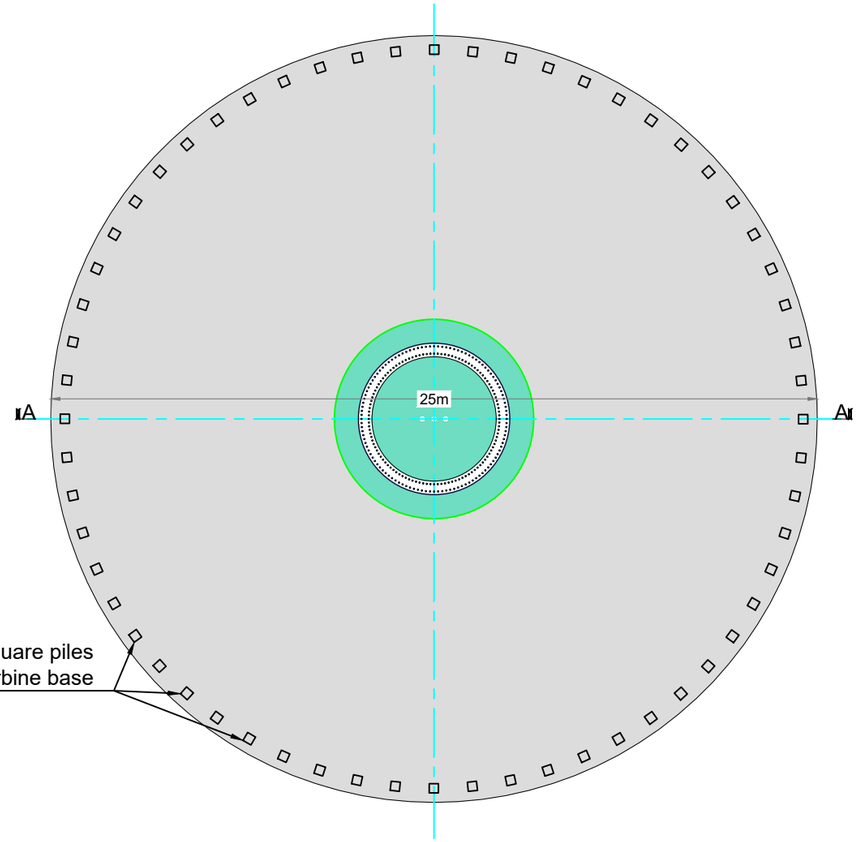
DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

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Section A-A
Scale 1:100



Plan
Scale: 1:200



50 - 70 no. 300 x 300 mm square piles
Spaced evenly around the perimeter of the turbine base

PROJECT TITLE: **Carrow Wind Farm, Co. Tipperary & Co. Limerick**

DRAWING TITLE: **Driven Pile Foundations Details**

PROJECT No.:	DRAWING No.:	SCALE:
231102	231102 - 22	As Shown @ A3

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

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Refer to DWG 231102 -37
for Site Office & Staff
Facilities Detail

254

251

248

246

BESS Unit
13m
BESS Unit
3m
BESS Unit
13m
12m
BESS Unit

Underground
Fire Water
Retention Tank
500m3

Static Storage
250m3

249m

40m

Temporary Construction
Compound

Turbine Component / Material Storage
Temporary Parking Area

Staff & Visitor Car Parking

Site Offices & Staff Welfare Facilities

249m

65m

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

Drawing Legend

- Proposed New Road
- Cut
- Fill
- Proposed Underground Grid Connection Cabling Route
- Internal Electrical Cabling Trench

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Temporary Construction Compound 1

PROJECT No.:	DRAWING No.:	SCALE:
231102	231102 - 23	1:500 @ A3

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

OS SHEET No.:
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Refer to DWG 231102 -37
for Site Office & Staff
Facilities Detail

281

280

278

276

274

Temporary Construction Compound

Staff & Visitor Car Parking

Site Offices & Staff Welfare Facilities

278m

278m

20m

33m

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

Drawing Legend

- Proposed New Road
- Cut
- Fill
- Internal Electrical Cabling Trench

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Temporary Construction Compound 2

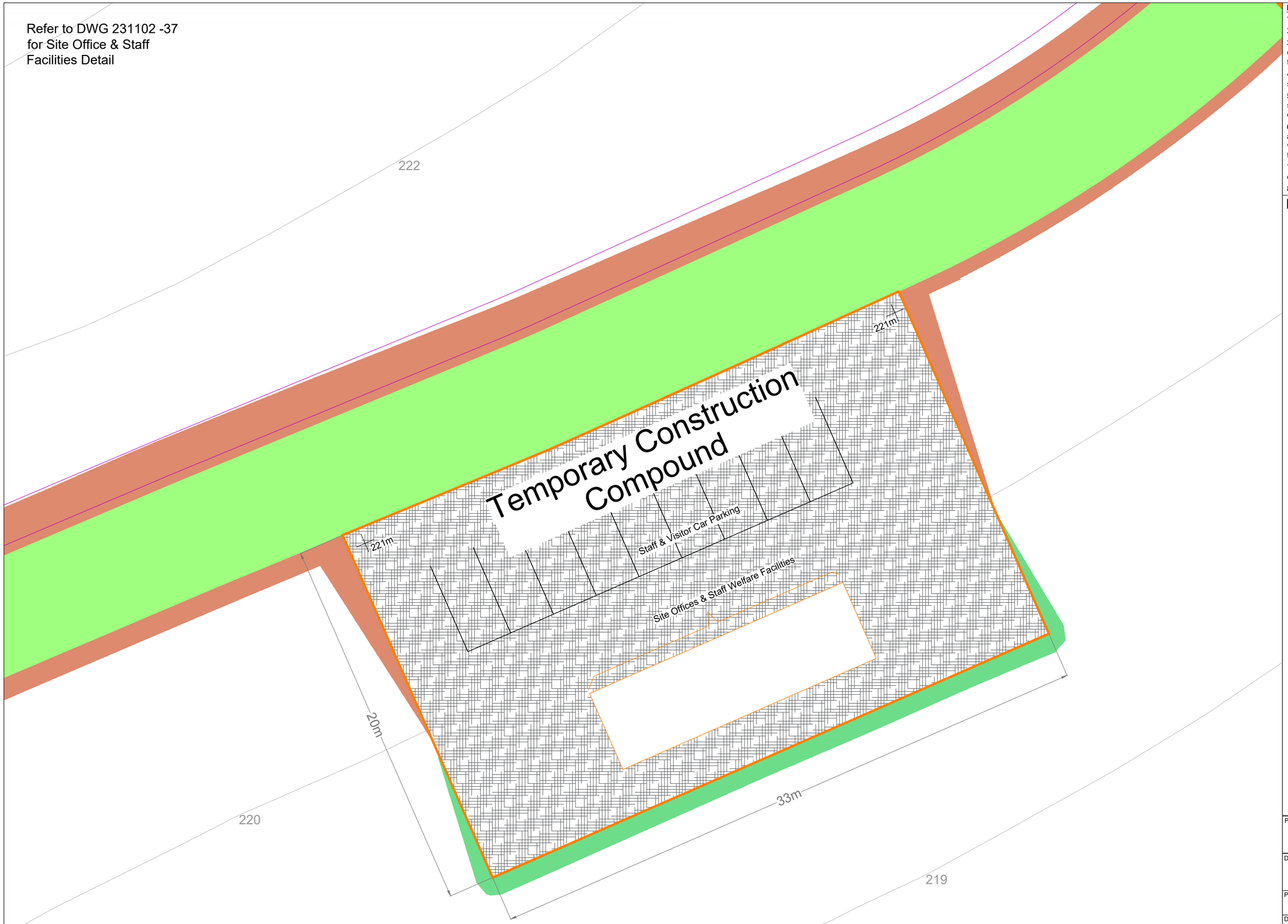
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231102	231102 - 24	1:200 @ A3

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

OS SHEET No.:
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Facilities Detail



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

Drawing Legend

- Existing Road to be Upgraded
- Cut
- Fill
- Internal Electrical Cabling Trench

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Temporary Construction Compound 3

PROJECT No.:	DRAWING No.:	SCALE:
231102	231102 - 25	1:200 @ A3

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

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

Drawing Legend

- Planning Application Boundary
- Area not apart of Application
- Proposed New Road
- Cut
- Fill
- Proposed Underground Grid Connection Cabling Route
- Internal Electrical Cabling Trench

BESS Units Refer To Drg. 231102 - 29 for Details

Static Storage Tank 250m3

Compound Area

Underground Fire Water Retention Tank 500m3

Static Storage Tank 250m3

+FFL 249

Temporary Construction Compound

Turbine Components / Material Storage

Temporary Parking Area

Staff & Visitor Car Parking

Site Offices & Staff Welfare Facilities

145m

13m

12m

202m

11m

20m

18m

25m

40m

65m

259

256

253

251

254

248

246

244

N

PROJECT TITLE: **Carrow Wind Farm, Co. Tipperary & Co. Limerick**

DRAWING TITLE: **Site Substation Compound Layout**

PROJECT No.:	DRAWING No.:	SCALE:
231102	231102 - 26	1:500 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	26.03.2026	P02

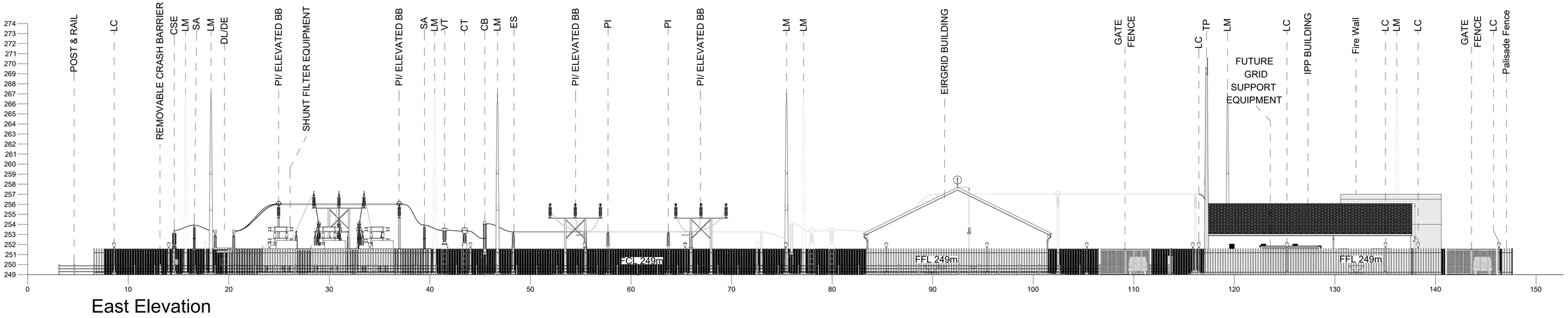
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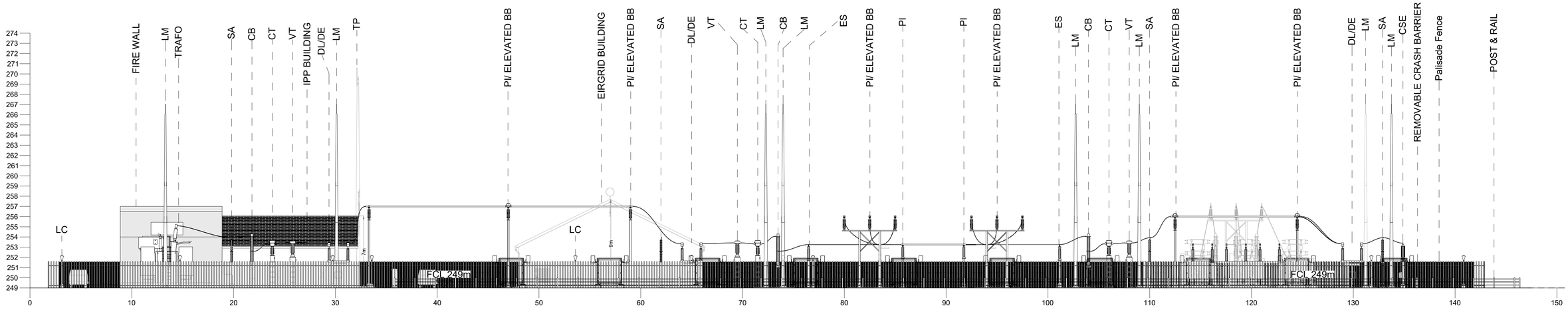
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Drawing Notes

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East Elevation



West Elevation

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary

DRAWING TITLE:
Site Substation Sectional Elevations

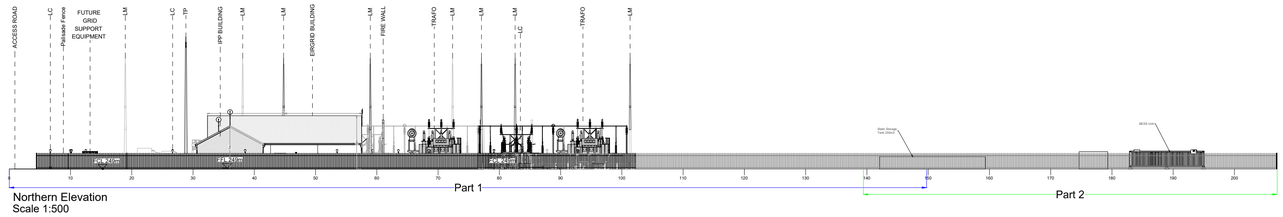
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DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	26.03.2026	P02

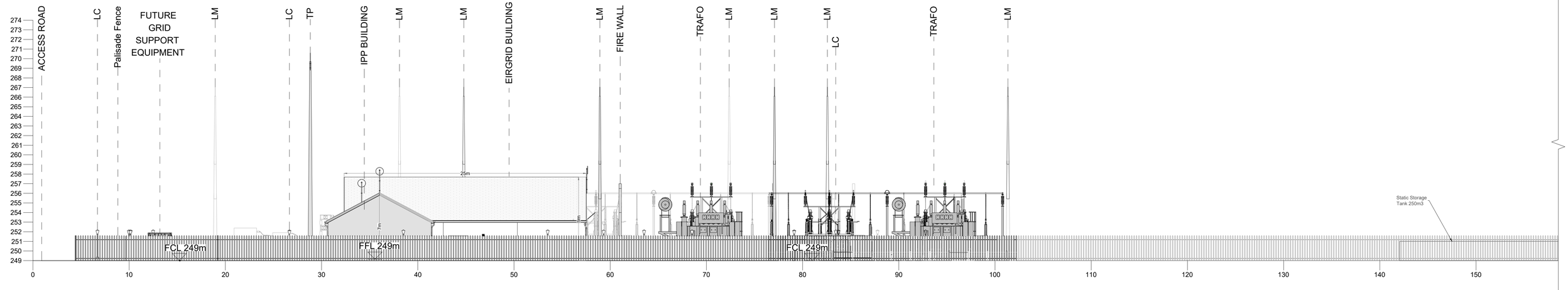
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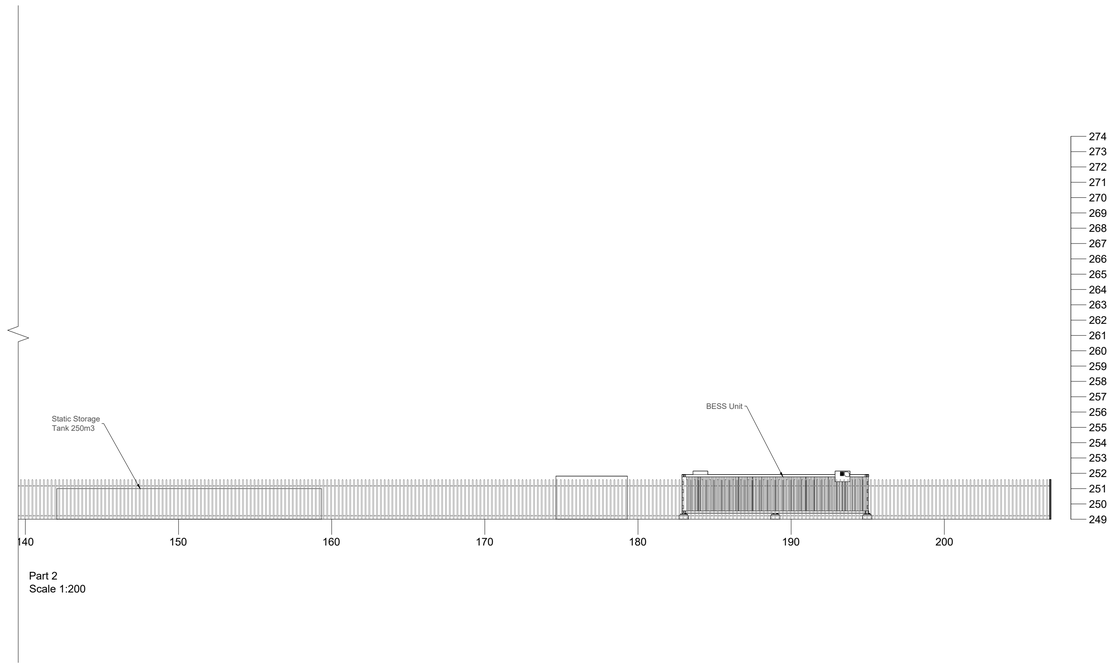


Northern Elevation
Scale 1:500



Northern Elevation

Part 1
Scale 1:200



Part 2
Scale 1:200

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary

DRAWING TITLE:
Site Substation Sectional Elevations

PROJECT No.:	DRAWING No.:	SCALE:
231102	**231102 - 27.2**	**As Shown @ A1**

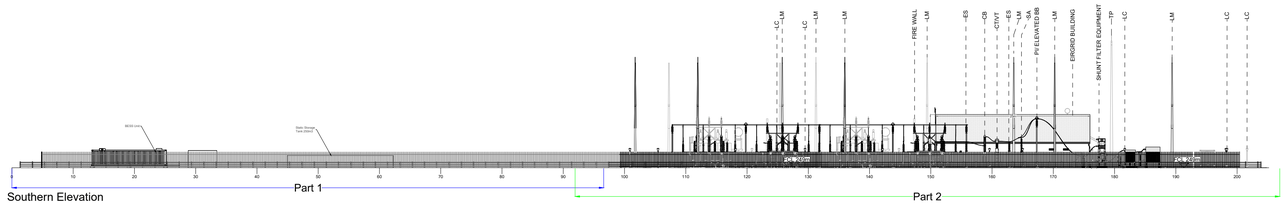
DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	**AC**	**26.03.2026**	P02

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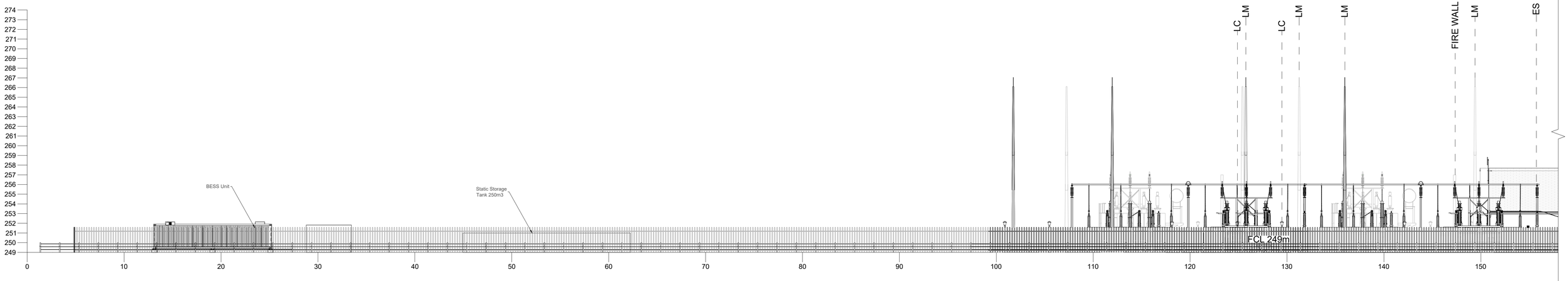
Drawing Notes

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Scale 1:500

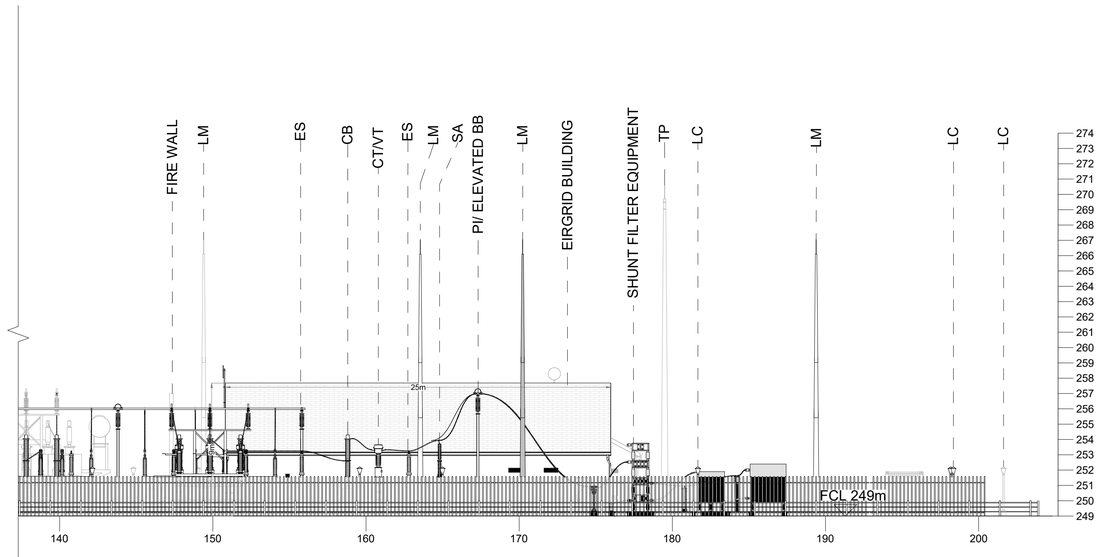


Southern Elevation



Southern Elevation

Part 1
Scale 1:200



Part 2
Scale 1:200

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary

DRAWING TITLE:
Site Substation Sectional Elevations

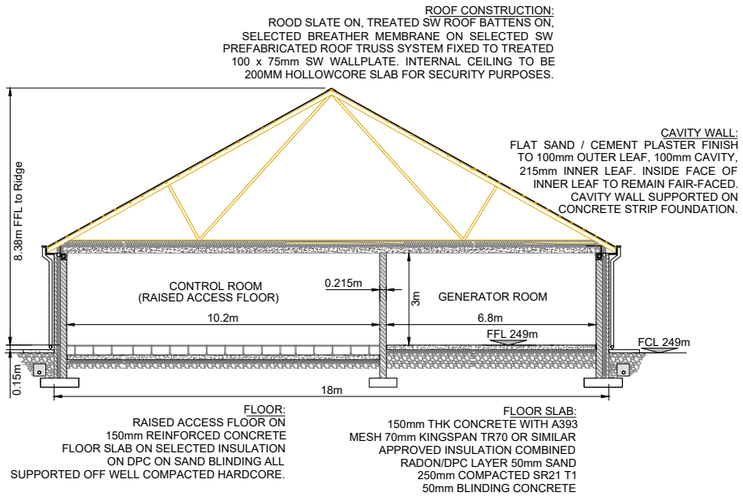
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DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	26.03.2026	P02

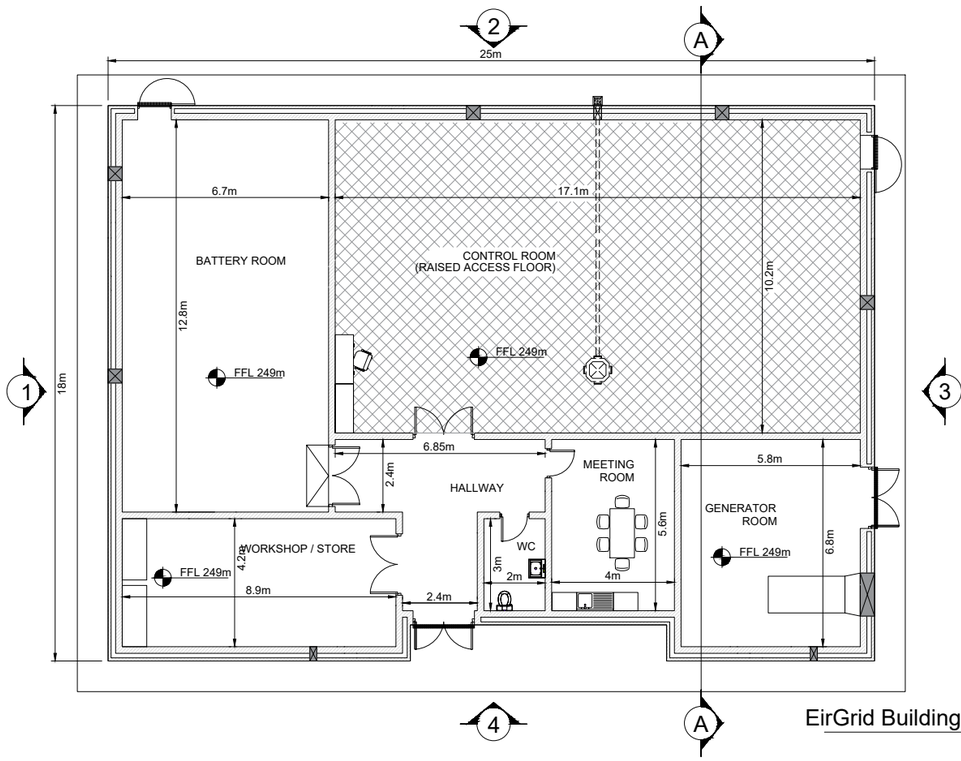
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Drawing Notes

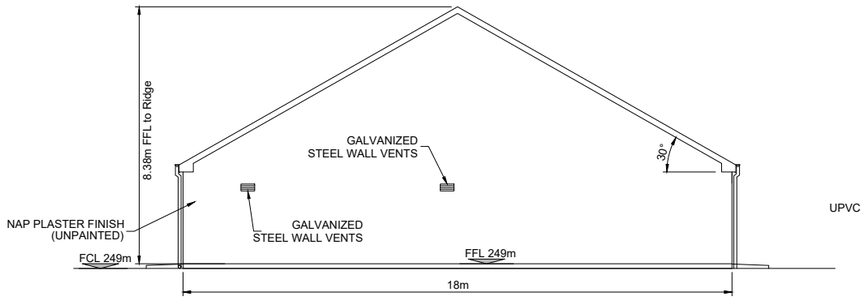
1. Layout and arrangements of substation buildings and electrical equipment is shown indicatively and for illustration purposes only as final specifications of buildings and electrical equipment is to be dictated by Eirgrid/ESB networks requirements.



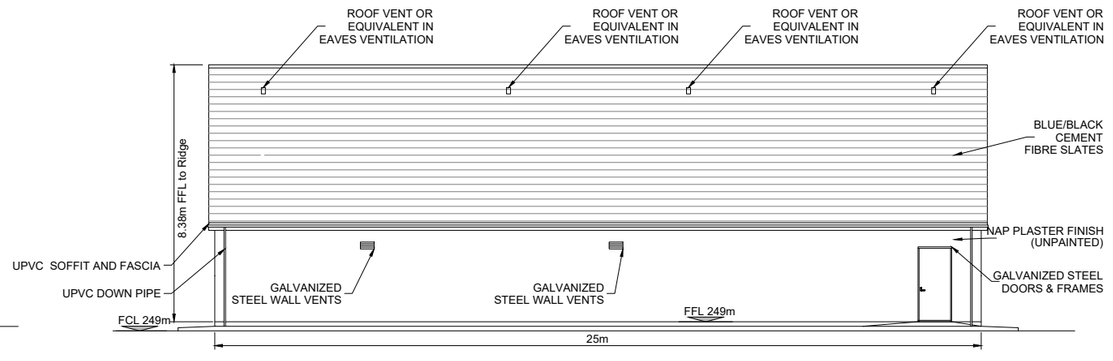
EirGrid Building Section A-A



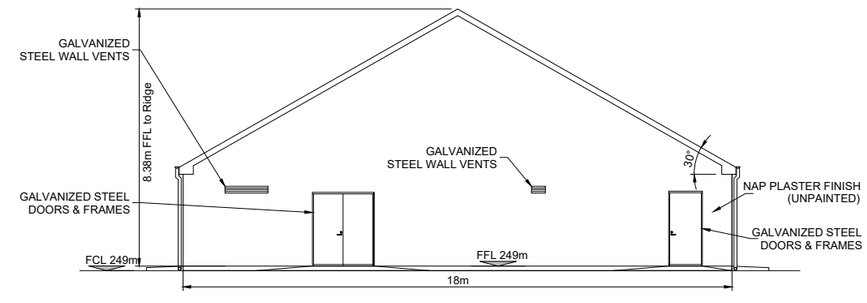
EirGrid Building Plan



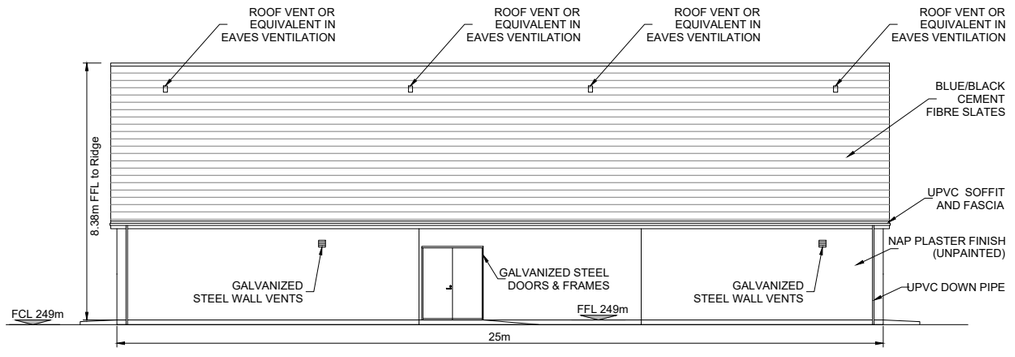
EirGrid Building Elevation 1



EirGrid Building Elevation 2



EirGrid Building Elevation 3



EirGrid Building Elevation 4

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary

DRAWING TITLE:
EirGrid Building Plan & Elevations

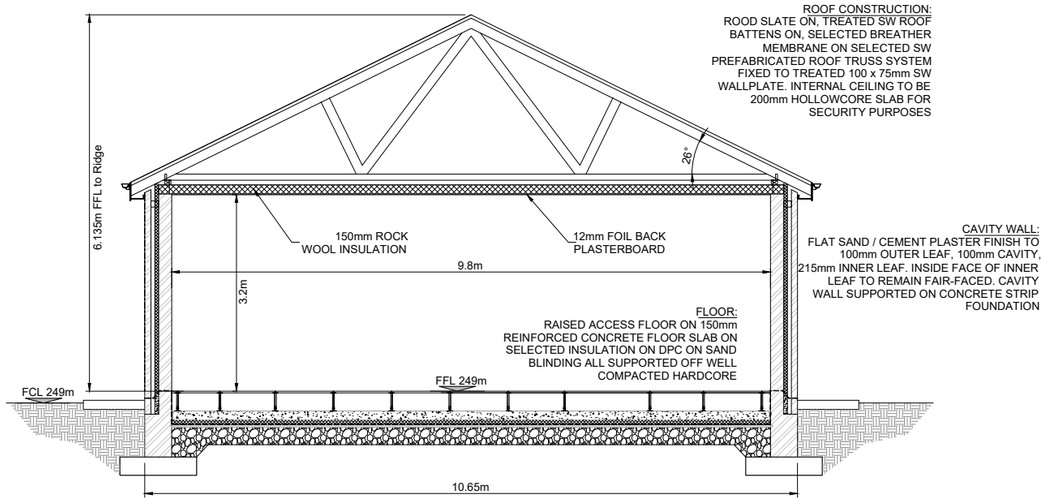
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JOB	AC	25.03.2026	D01

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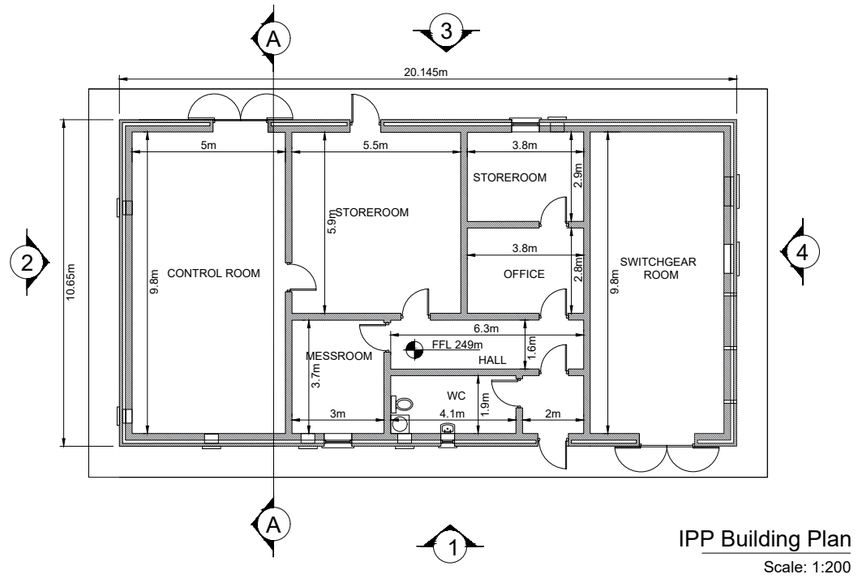
Drawing Notes

1. Layout and arrangements of substation buildings and electrical equipment is shown indicatively and for illustration purposes only as final specifications of buildings and electrical equipment is to be dictated by Eirgrid/ESB networks requirements.



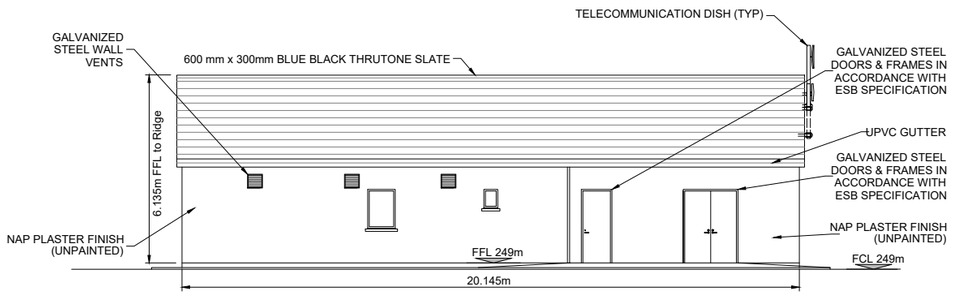
IPP Building Section A-A

Scale: 1:100



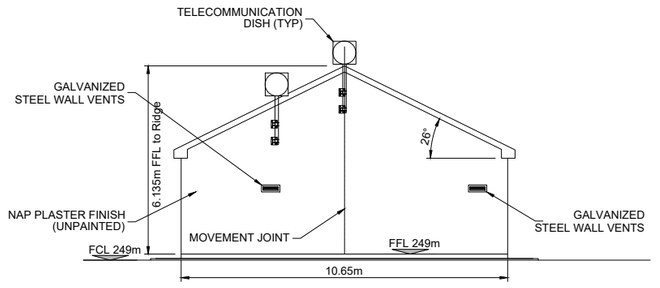
IPP Building Plan

Scale: 1:200



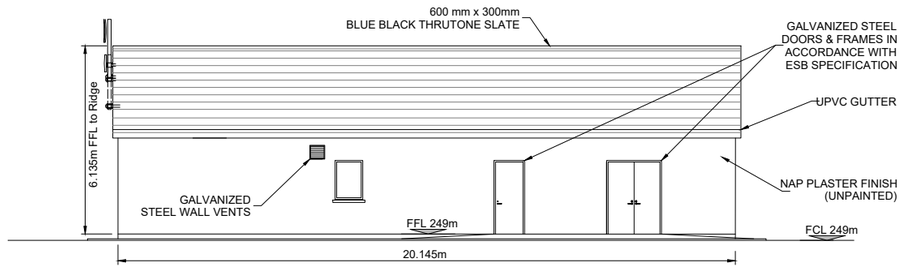
IPP Building Elevation 1

Scale: 1:200



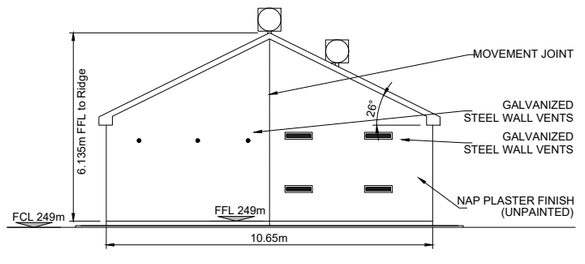
IPP Building Elevation 2

Scale: 1:200



IPP Building Elevation 3

Scale: 1:200



IPP Building Elevation 4

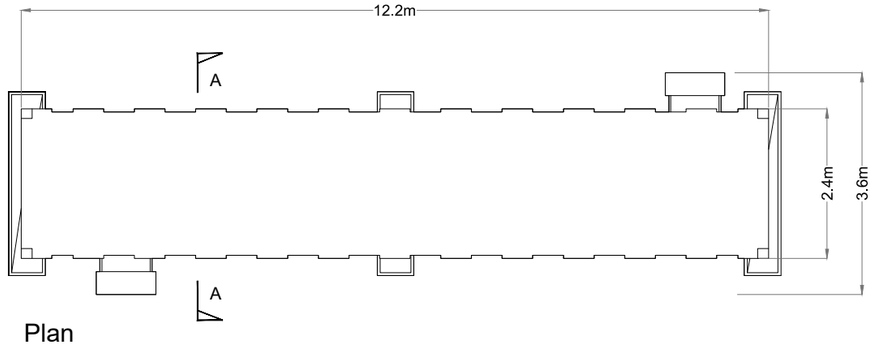
Scale: 1:200

PROJECT TITLE: **Carrow Wind Farm, Co. Tipperary**			
DRAWING TITLE: **IPP Building Plan & Elevations**			
PROJECT No.: **231102**		DRAWING No.: **231102 - 28.2**	SCALE: **As Shown @ A3**
DRAWN BY: **JOB**	CHECKED BY: **AC**	DATE: **25.03.2026**	REVISION.: D01

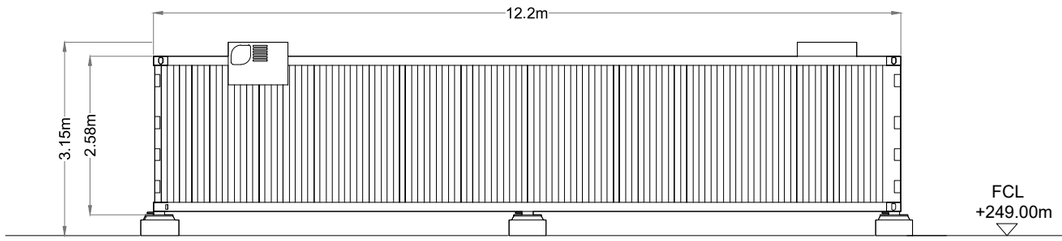
Email: info@www.mkoireland.ie /Website: www.mkoireland.ie

Drawing Notes

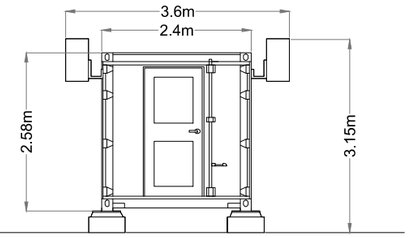
1. Layout and arrangements of substation buildings and electrical equipment is shown indicatively and for illustration purposes only as final specifications of buildings and electrical equipment is to be dictated by Eirgrid/ESB networks requirements.



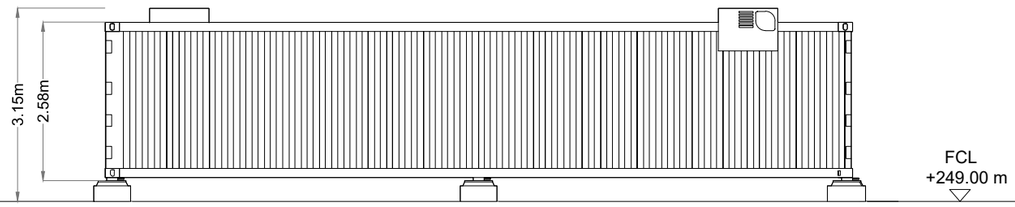
Plan
SCALE 1:100



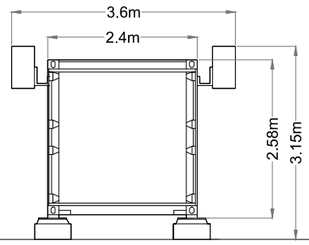
Front Elevation
SCALE 1:100



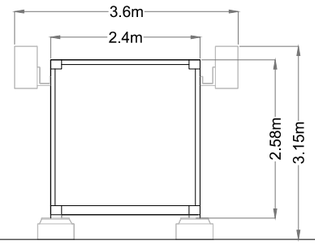
End Elevation
SCALE 1:100



Rear Elevation
SCALE 1:100



End Elevation
SCALE 1:100



Section A-A
SCALE 1:100

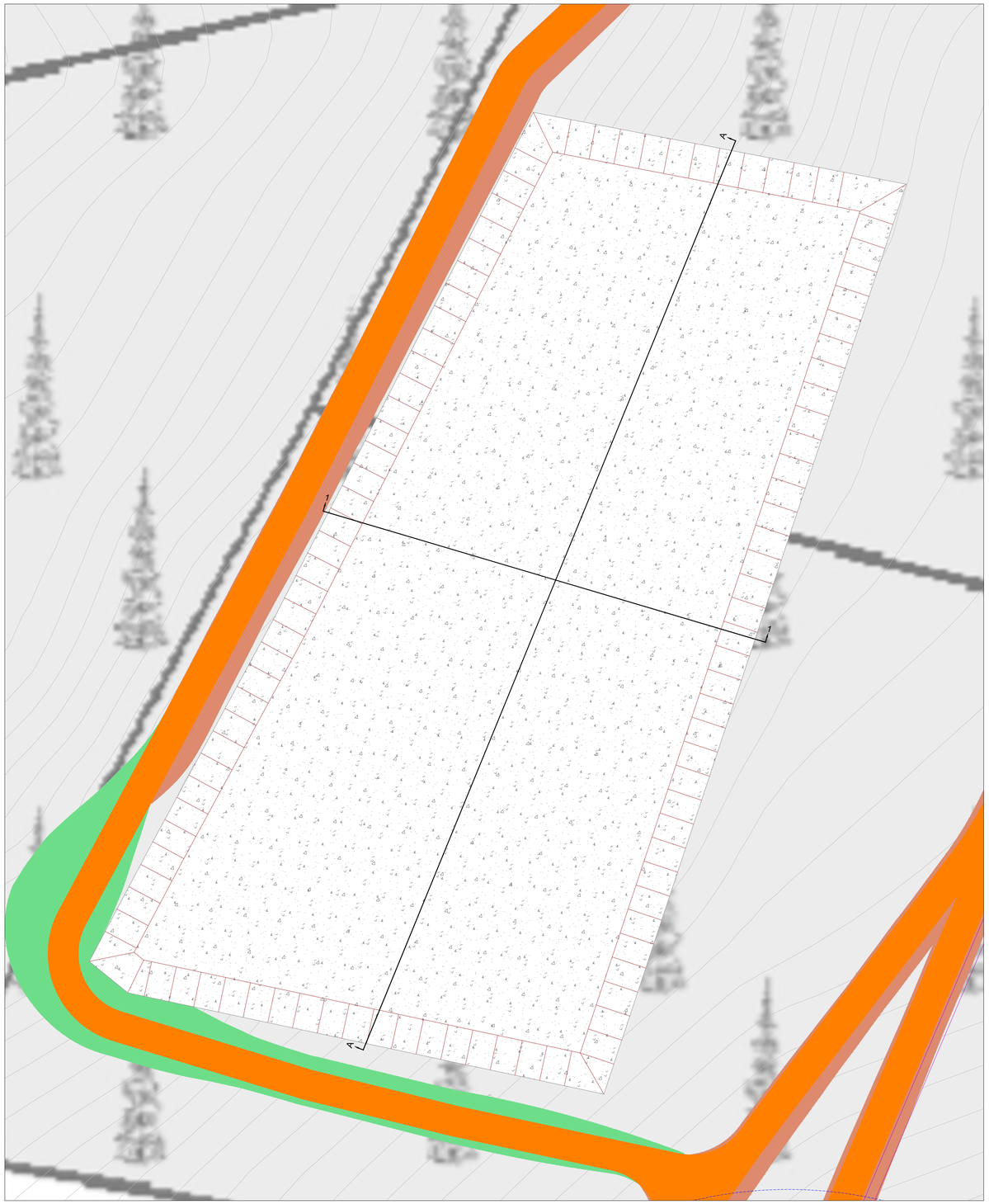
PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary

DRAWING TITLE:
Battery Storage Container

PROJECT No.:	DRAWING No.:	SCALE:
231102	231102 - 29	1:100 @ A3

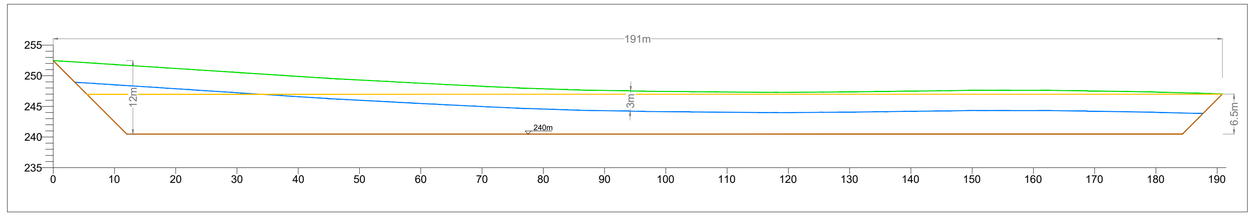
DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	26.03.2026	P02

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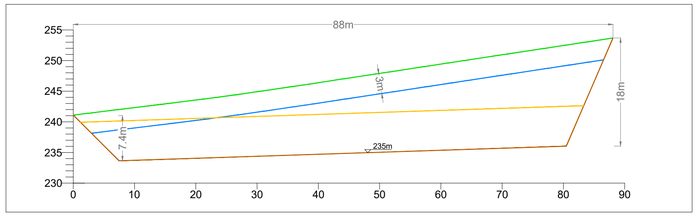


Drawing Legend

- Existing Ground
- Assumed Bedrock Level Assumed Bedrock Level (based on trial pit data)
- Proposed Excavation Level
- Proposed Backfill



Section A-A



Section 1-1

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

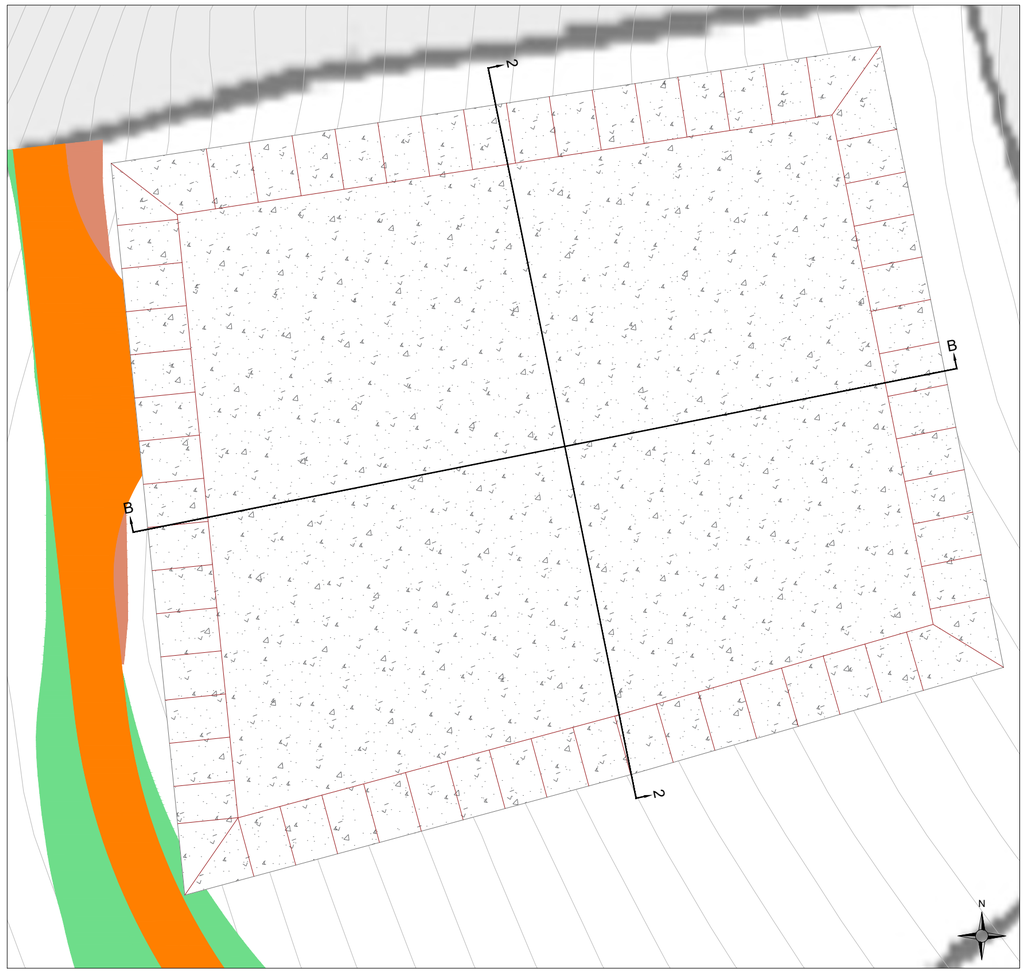
DRAWING TITLE:
Borrow Pit 1 Layout & Sections

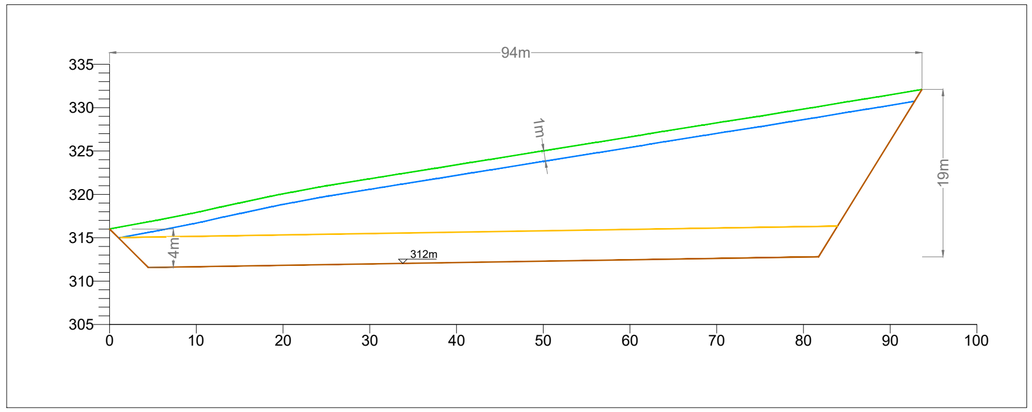
PROJECT No.:		DRAWING No.:	SCALE:
231102		231102 - 30	1:500 @ A1
DRAWN BY: JOB	CHECKED BY: AC	DATE: 25.03.2026	REVISION.: P02

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

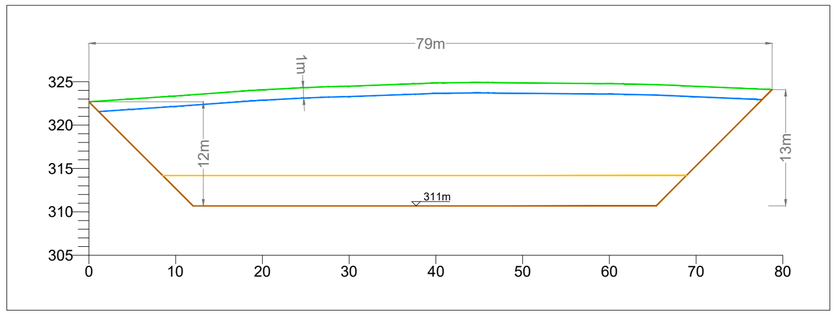
Drawing Legend

- Existing Ground
- Assumed Bedrock Level Assumed Bedrock Level (based on trial pit data)
- Proposed Excavation Level
- Proposed Backfill





Section B-B



Section 2-2

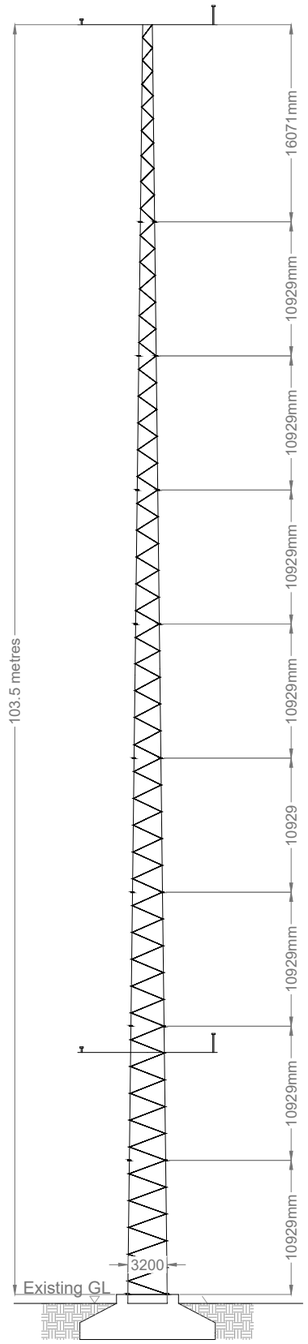
PROJECT TITLE: **Carrow Wind Farm, Co. Tipperary & Co. Limerick**

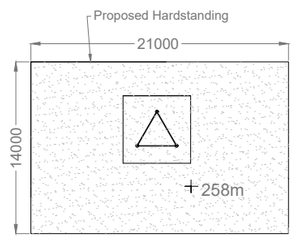
DRAWING TITLE: **Borrow Pit 2 Layout & Sections**

PROJECT No.:	DRAWING No.:	SCALE:
231102	231102 - 31	1:500 @ A2

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

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Met Mast Compound Plan

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Free Standing Met Mast

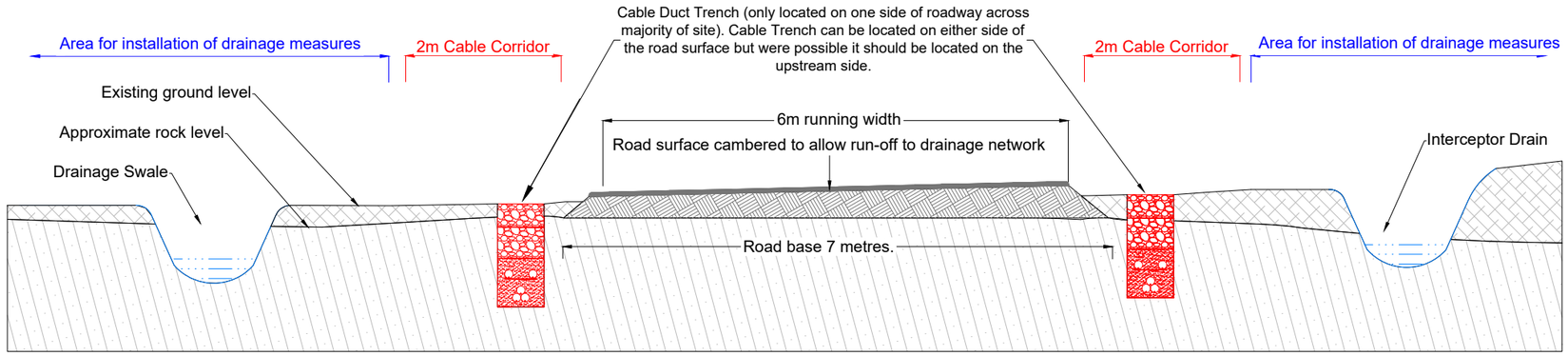
PROJECT No.:	DRAWING No.:	SCALE:
231102	231102 - 32	1:500 @ A3

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

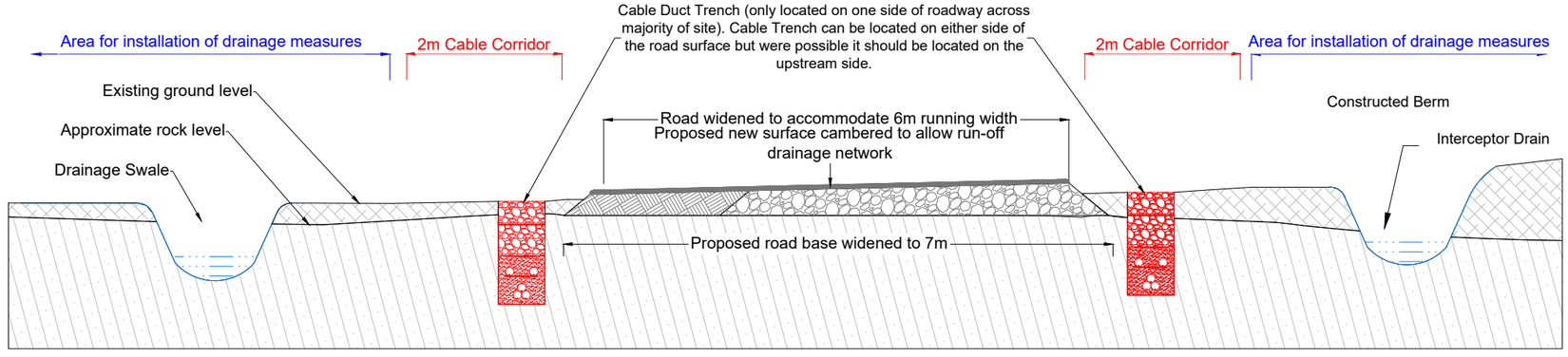
Email: info@www.mkoireland.ie /Website: www.mkoireland.ie

Drawing Notes

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



Typical excavated road section.

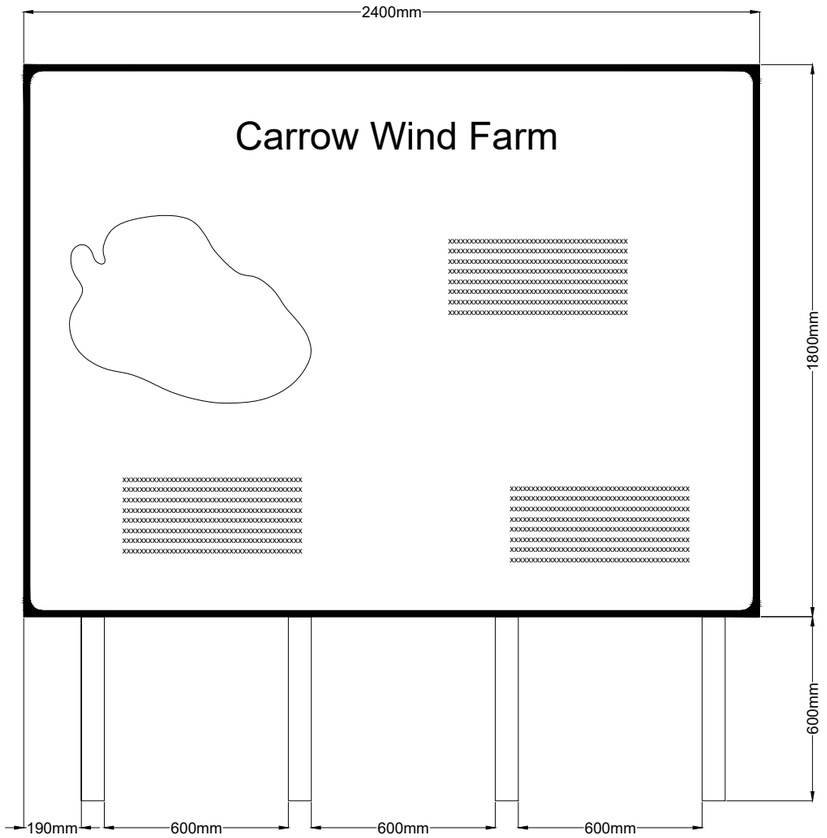


Typical existing excavated road widening section.

PROJECT TITLE: **Carrow Wind Farm, Co. Tipperary & Co. Limerick**			
DRAWING TITLE: **Excavated Road Sections**			
PROJECT No.: **231102**		DRAWING No.: **231102 - 33**	SCALE: **1:75 @ A3**
DRAWN BY: **JOB**	CHECKED BY: **AC**	DATE: **25.03.2026**	REVISION.: P02

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

Note
For illustrative purposes only
exact details to be confirmed

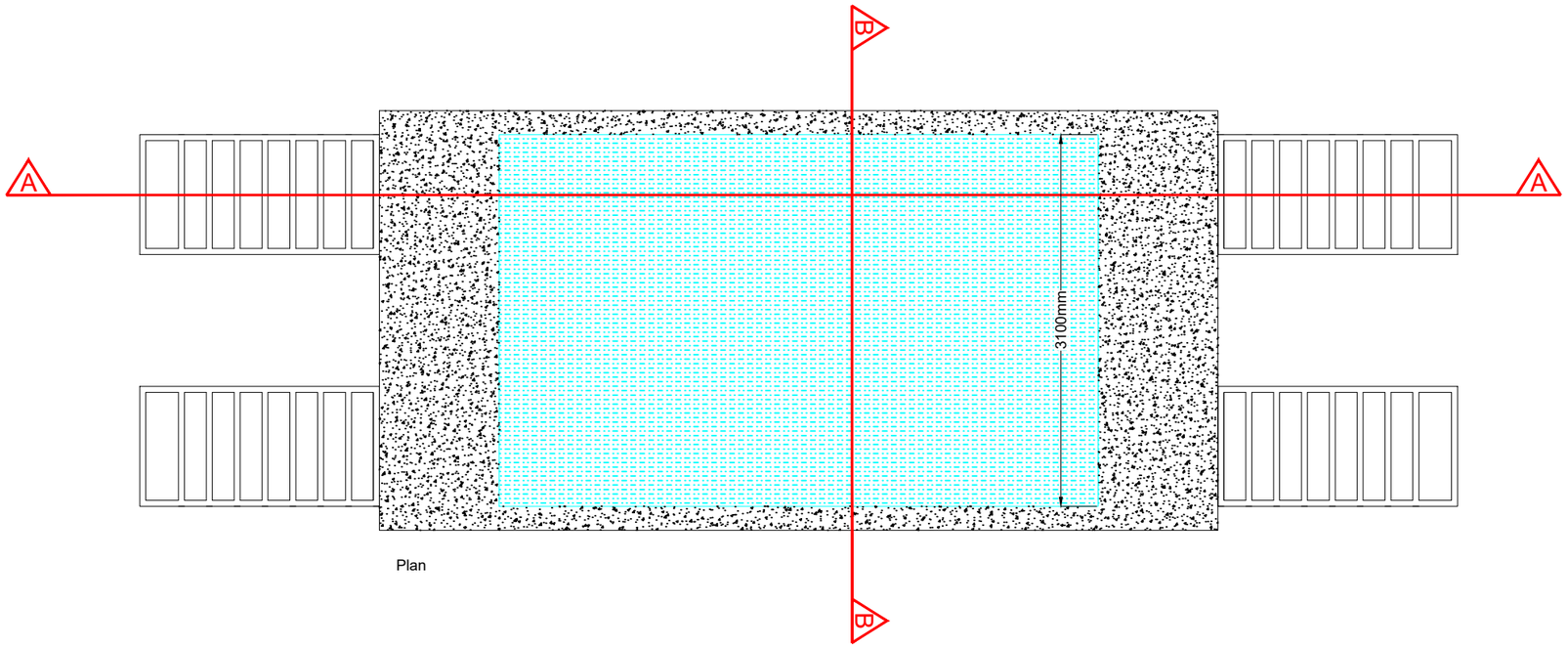


Entry Point Signage Detail

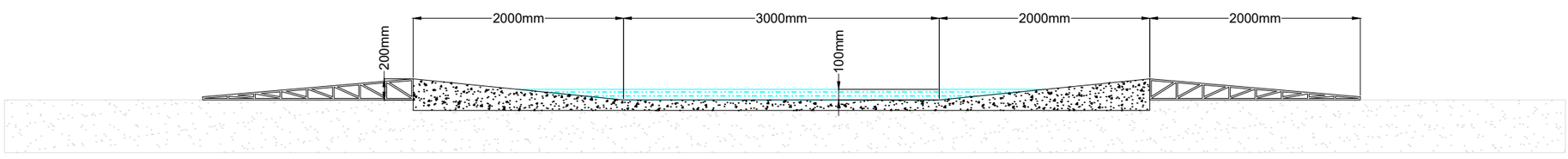
PROJECT TITLE: **Carrow Wind Farm, Co. Tipperary & Co. Limerick**			
DRAWING TITLE: **Permanent Signage Detail**			
PROJECT No.: **231102**		DRAWING No.: **231102 - 34**	SCALE: **1 :20 @ A3**
DRAWN BY: **JOB**	CHECKED BY: **AC**	DATE: **25.03.2026**	REVISION.: P02

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Note
Wheel washes will be appropriately located at all entrances used during construction of the wind farm



Plan



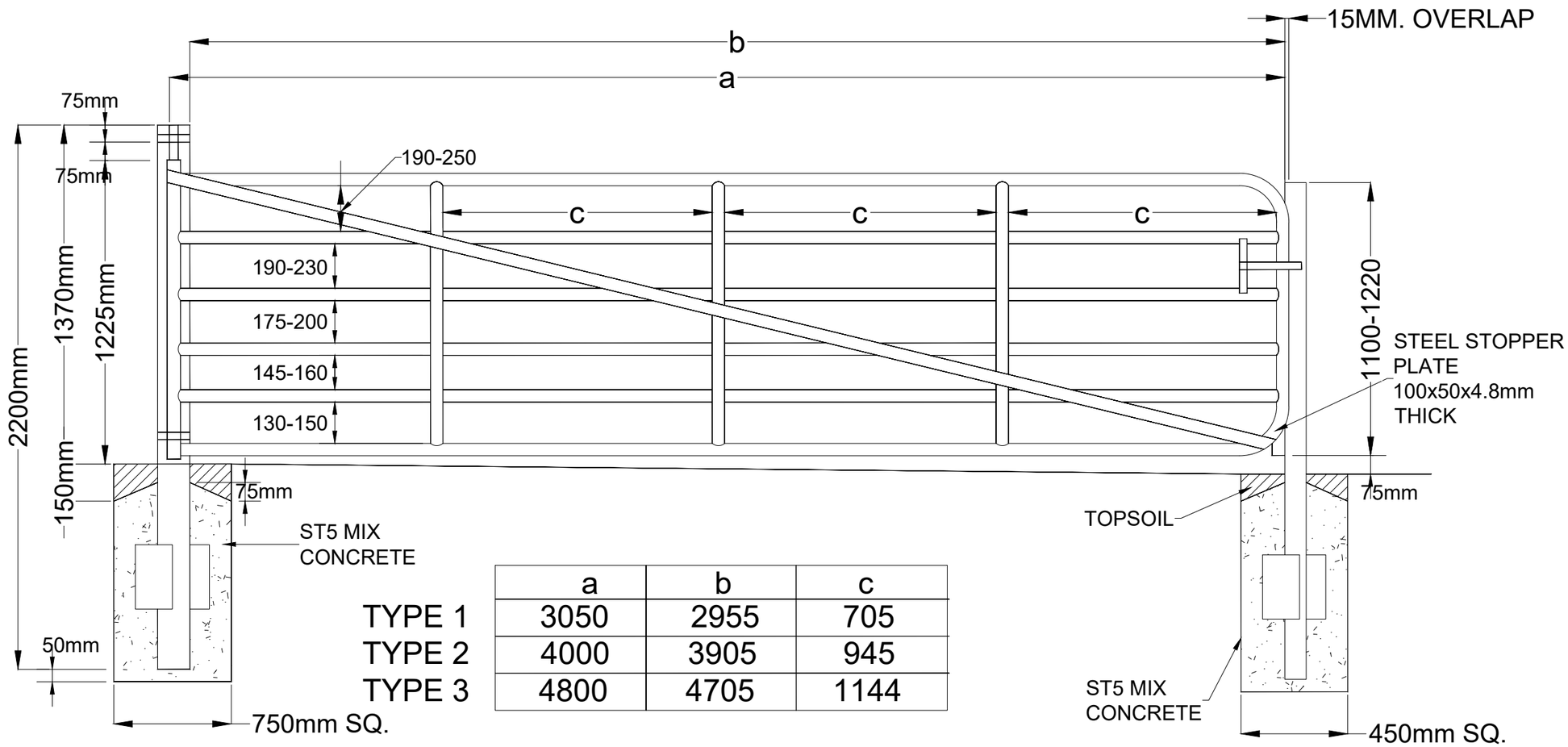
Section A-A



Section B-B

PROJECT TITLE: **Carrow Wind Farm, Co. Tipperary & Co. Limerick**			
DRAWING TITLE: **Wheel Wash Detail**			
PROJECT No.: **231102**		DRAWING No.: **231102 - 35**	SCALE: **1:50 @ A3**
DRAWN BY: **JOB**	CHECKED BY: **AC**	DATE: **25.03.2026**	REVISION.: P02

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



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

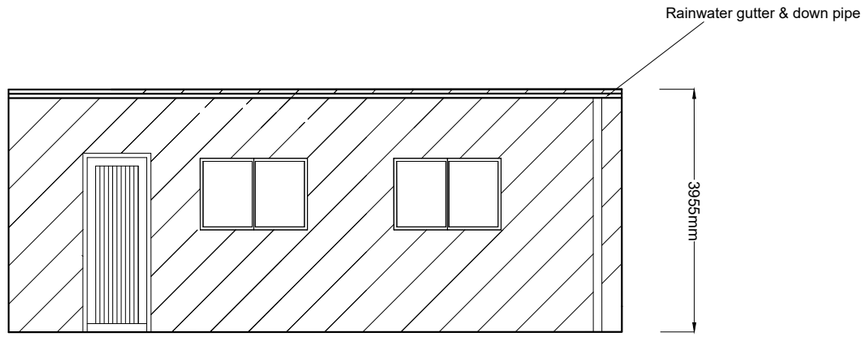
PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Field Gate Detail

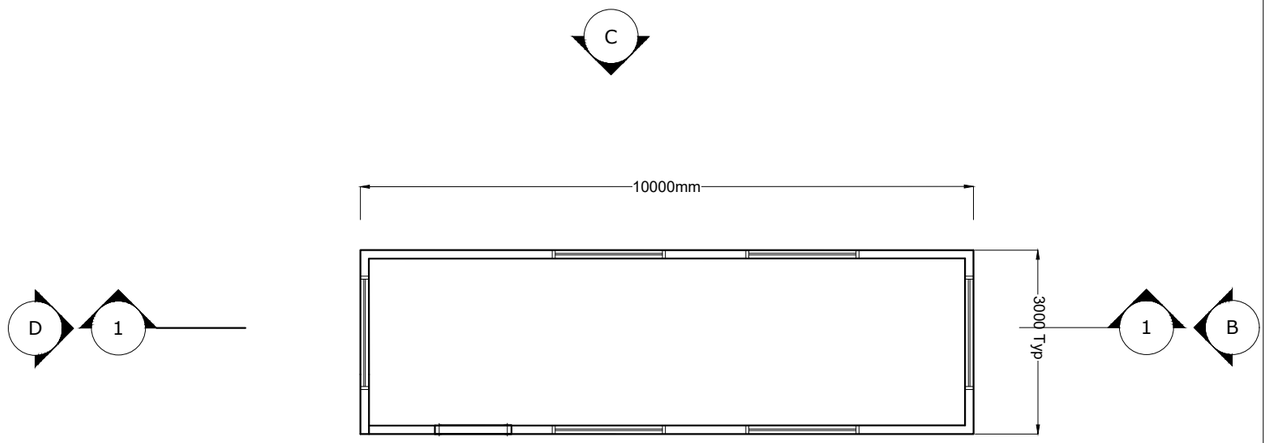
PROJECT No.:	DRAWING No.:	SCALE:
231102	231102 - 36	1: 20 @ A3

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

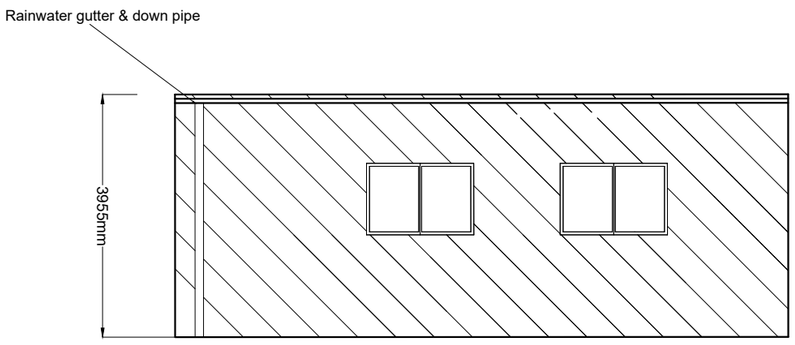
Email: info@www.mkoireland.ie /Website: www.mkoireland.ie



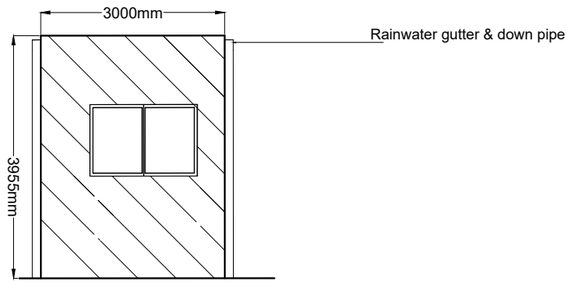
Elevation A



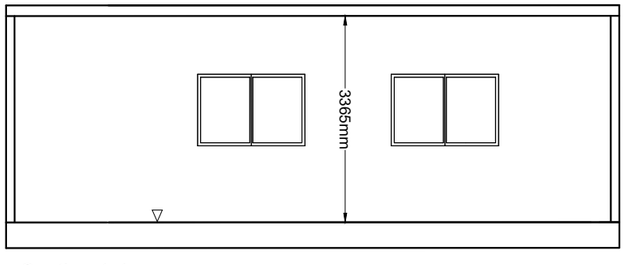
Plan View



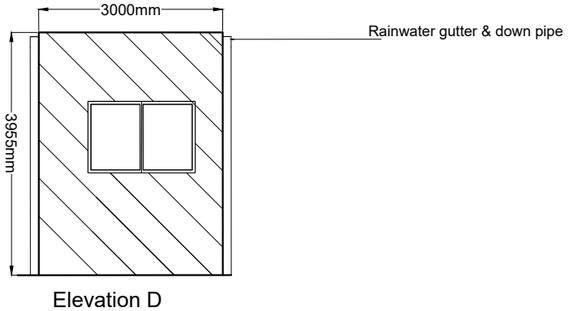
Elevation C



Elevation B



Section 1-1



Elevation D

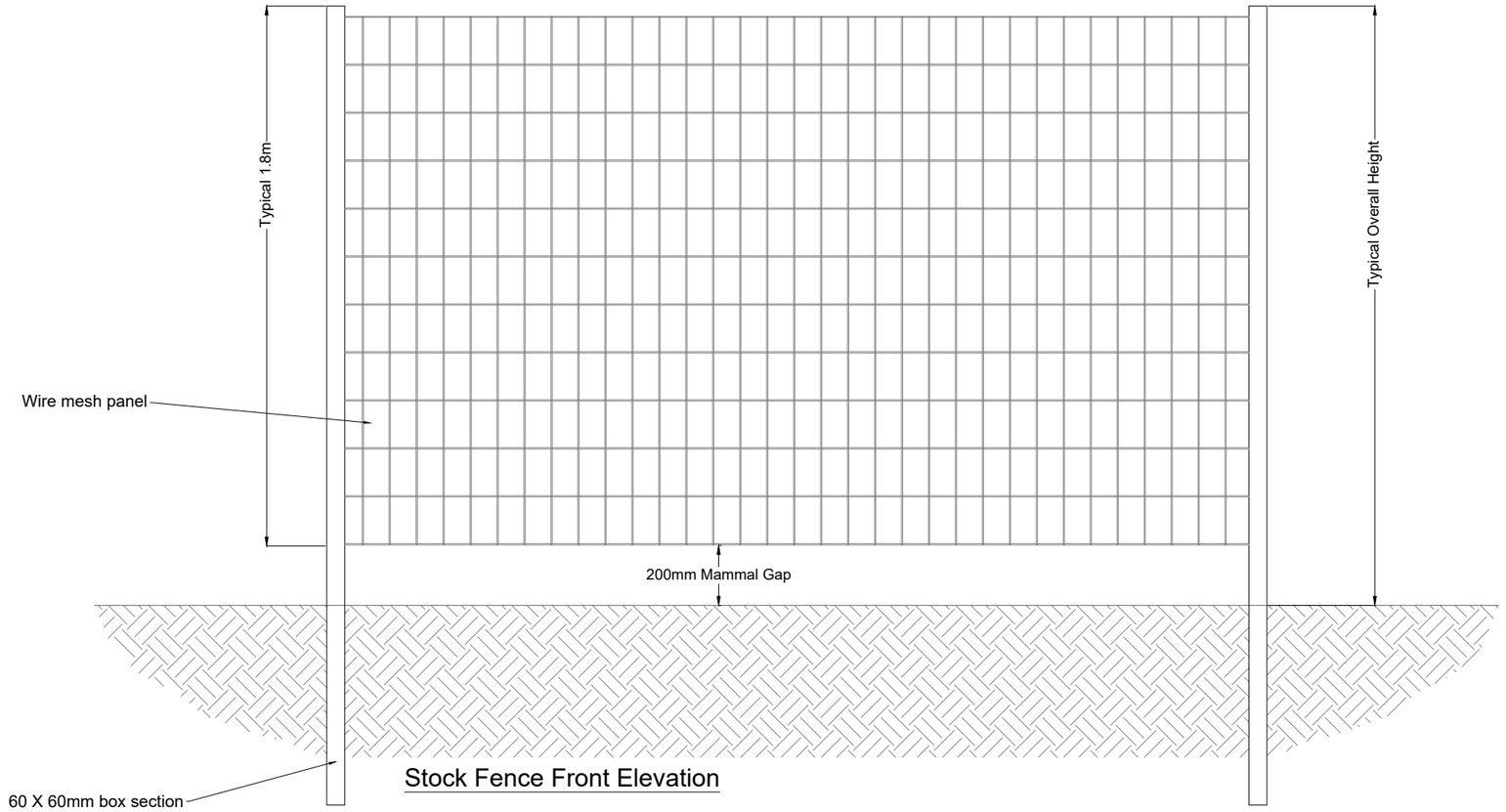
PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Site Office & Staff Facilities Detail

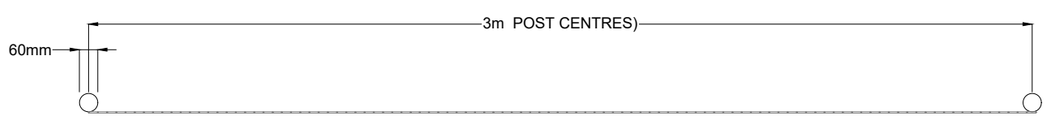
PROJECT No.:	DRAWING No.:	SCALE:
231102	231102 - 37	1:100 @ A3

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

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



Stock Fence Front Elevation



Stock Fence Plan



INDICATIVE IMAGE



INDICATIVE IMAGE

Note:

All dimensions are in millimetres, unless noted otherwise.

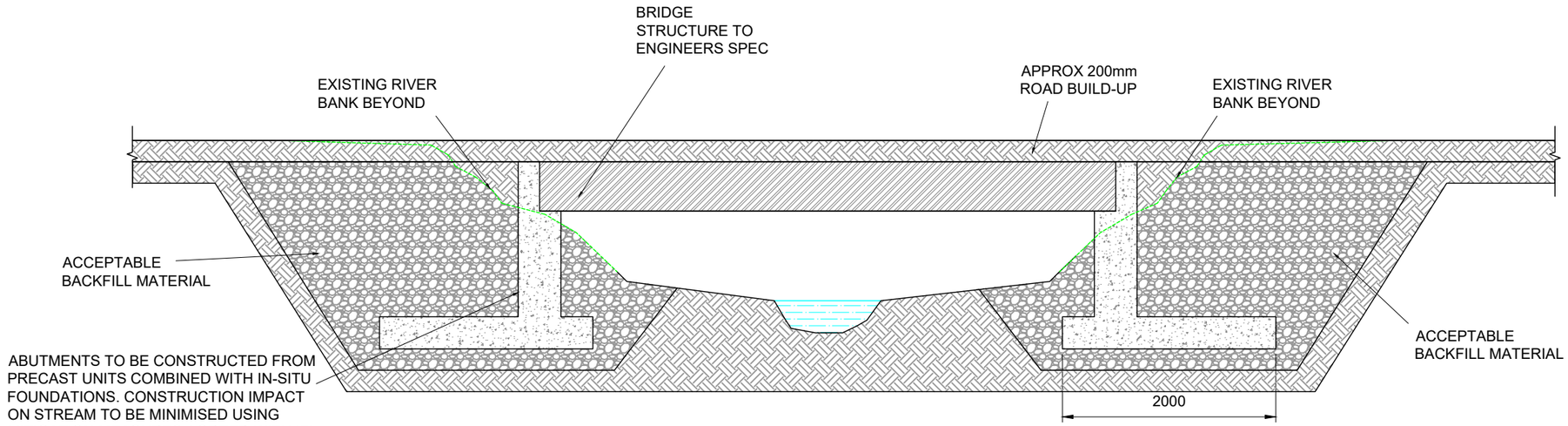
All dimensions to be checked on site and any discrepancy to be reported to the engineer.

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

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

PROJECT TITLE: **Carrow Wind Farm, Co. Tipperary & Co. Limerick**			
DRAWING TITLE: **Stock Fence Detail, Elevation & Indicative Images**			
PROJECT No.: **231102**		DRAWING No.: **231102 - 38**	SCALE: **1:20 @ A3**
DRAWN BY: **JOB**	CHECKED BY: **AC**	DATE: **25.03.2026**	REVISION.: P02

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

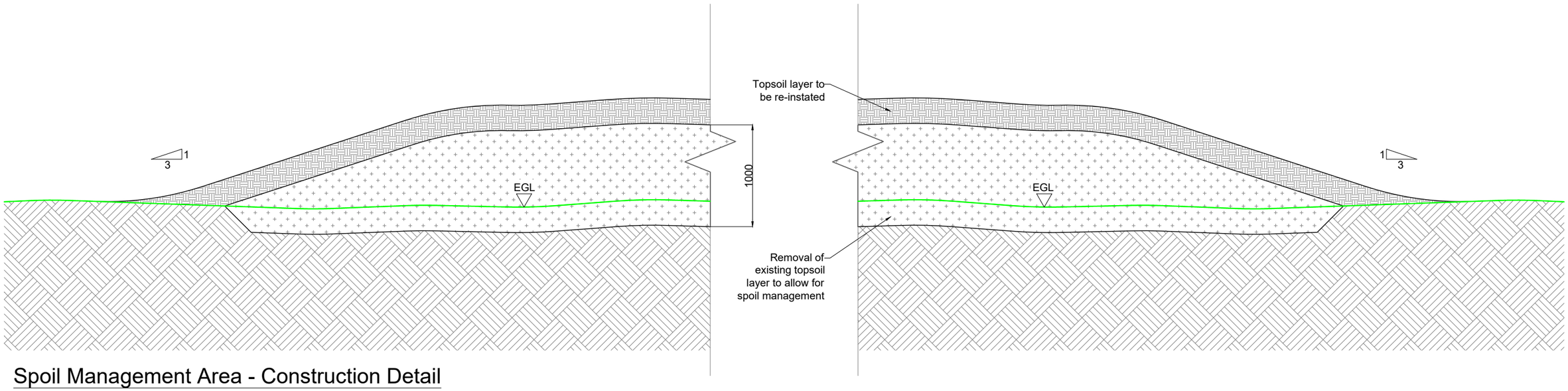


ABUTMENTS TO BE CONSTRUCTED FROM PRECAST UNITS COMBINED WITH IN-SITU FOUNDATIONS. CONSTRUCTION IMPACT ON STREAM TO BE MINIMISED USING MITIGATION MEASURES AGREED WITH IFI & NPWS

Scale 1:50

PROJECT TITLE: **Carrow Wind Farm, Co. Tipperary & Co. Limerick**			
DRAWING TITLE: **Clear Span Watercourse Crossing**			
PROJECT No.: **231102**		DRAWING No.: **231102 - 39**	SCALE: **1:50 @ A3**
DRAWN BY: **JOB**	CHECKED BY: **AC**	DATE: **25.03.2026**	REVISION.: P02

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

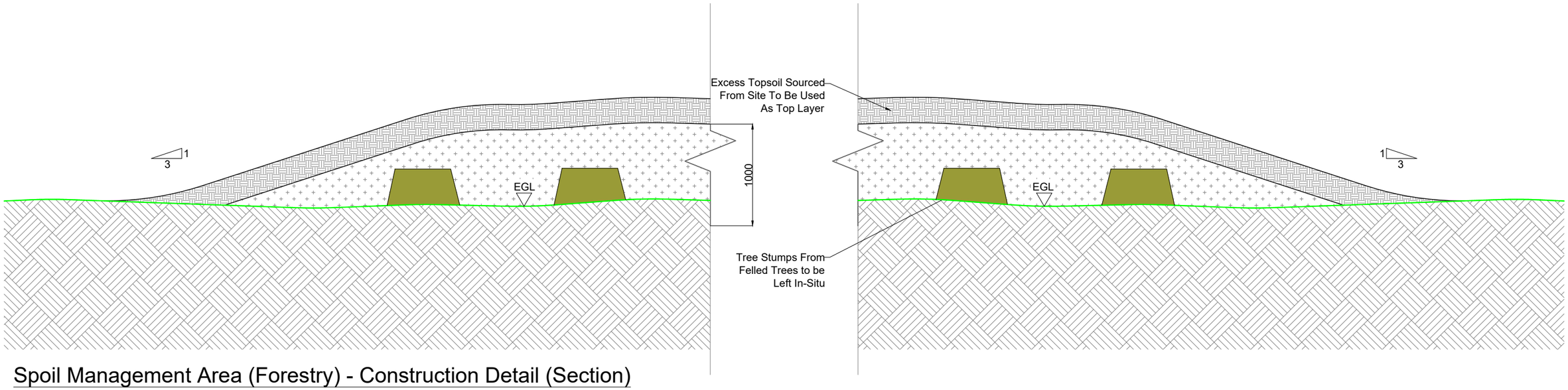


Spoil Management Area - Construction Detail

Scale 1:40

PROJECT TITLE: **Carrow Wind Farm, Co. Tipperary & Co. Limerick**			
DRAWING TITLE: **Spoil Management Areas**			
PROJECT No.: **231102**		DRAWING No.: **231102 - 40**	SCALE: **1:40 @ A3**
DRAWN BY: **JOB**	CHECKED BY: **AC**	DATE: **25.03.2026**	REVISION.: P02

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

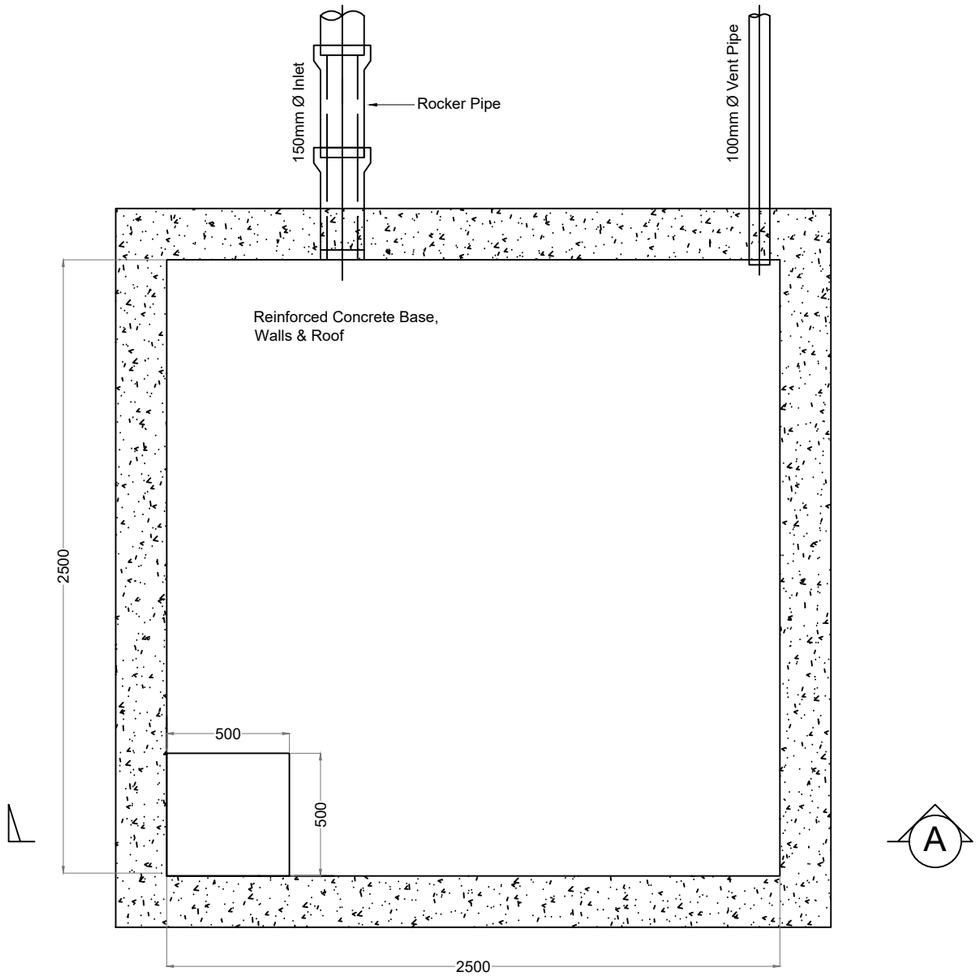


Spoil Management Area (Forestry) - Construction Detail (Section)

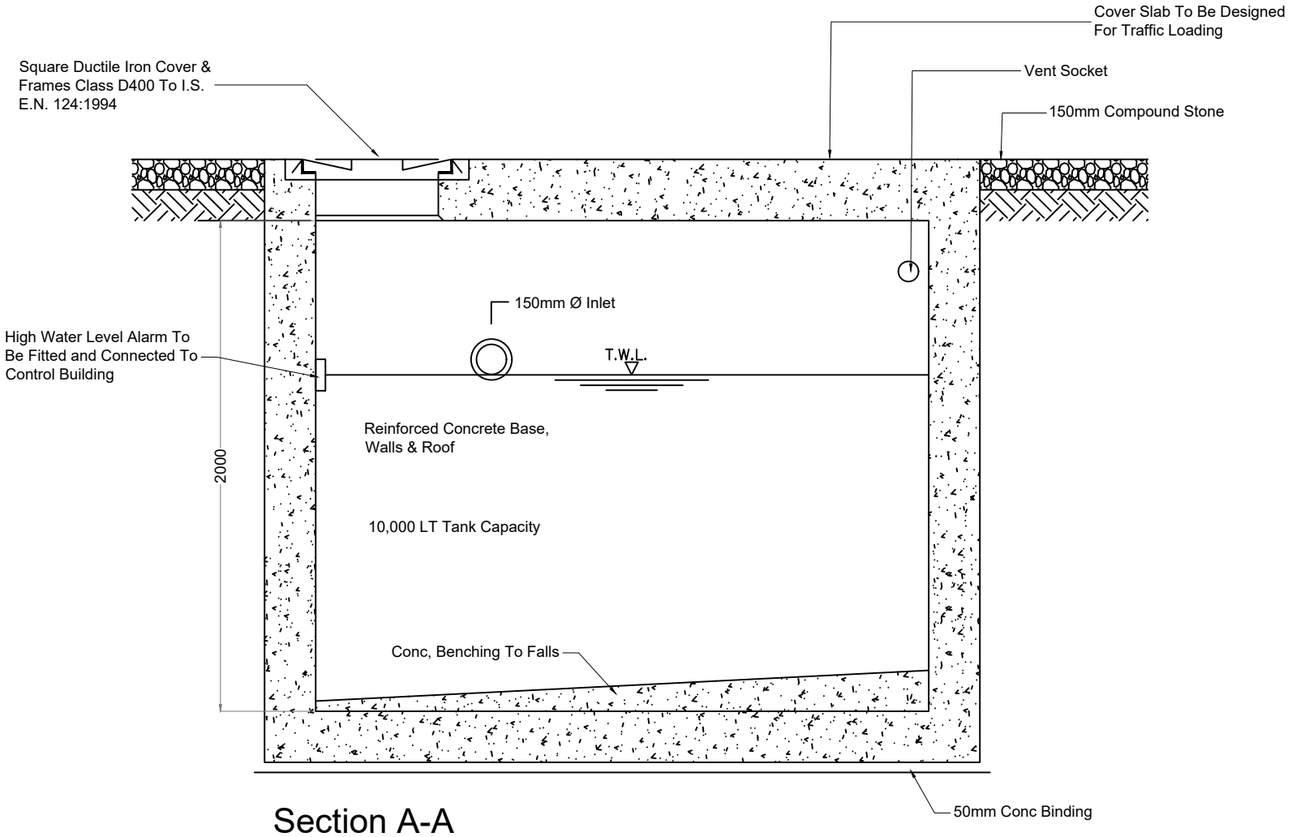
Scale 1:40

PROJECT TITLE: **Carrow Wind Farm, Co. Tipperary & Co. Limerick**			
DRAWING TITLE: **Spoil Management Areas**			
PROJECT No.: **231102**		DRAWING No.: **231102 - 41**	SCALE: **1:40 @ A3**
DRAWN BY: **JOB**	CHECKED BY: **AC**	DATE: **25.03.2026**	REVISION.: P02

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



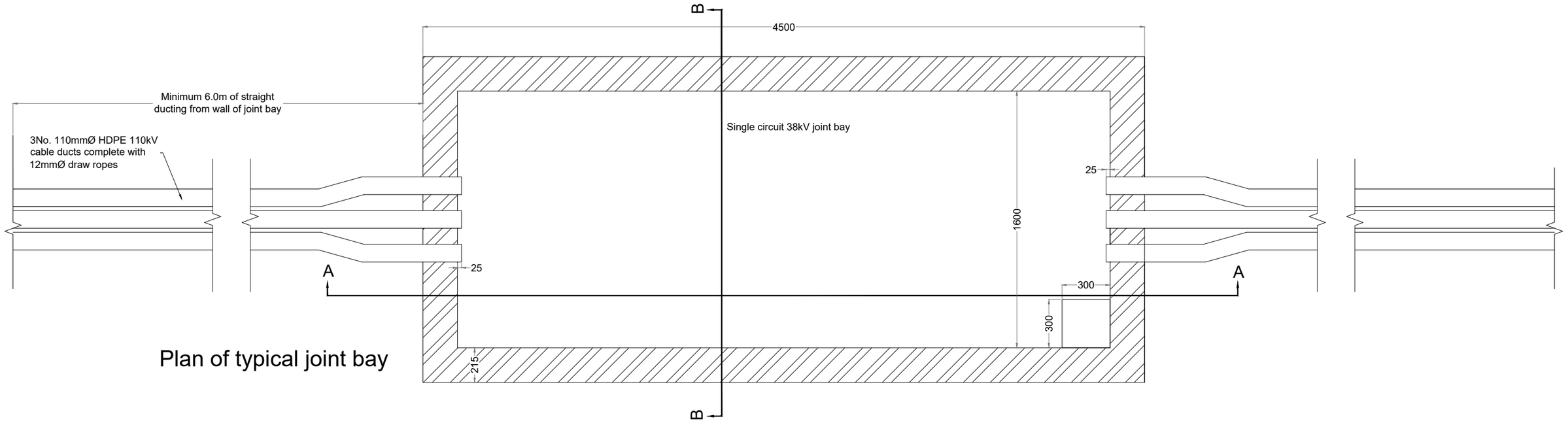
Plan - Foul Water Holding Tank



Section A-A

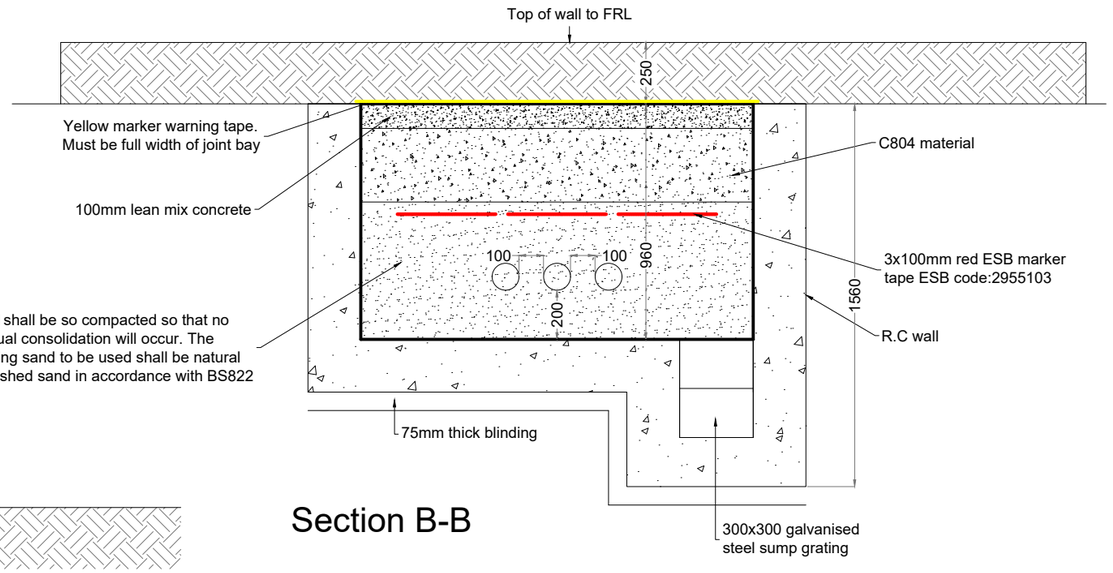
PROJECT TITLE: **Carrow Wind Farm, Co. Tipperary & Co. Limerick**			
DRAWING TITLE: **Foul Water Holding Tank Detail**			
PROJECT No.: **231102**		DRAWING No.: **231102 - 42**	SCALE: **1:25 @ A3**
DRAWN BY: **JOB**	CHECKED BY: **AC**	DATE: **25.03.2026**	REVISION.: P02

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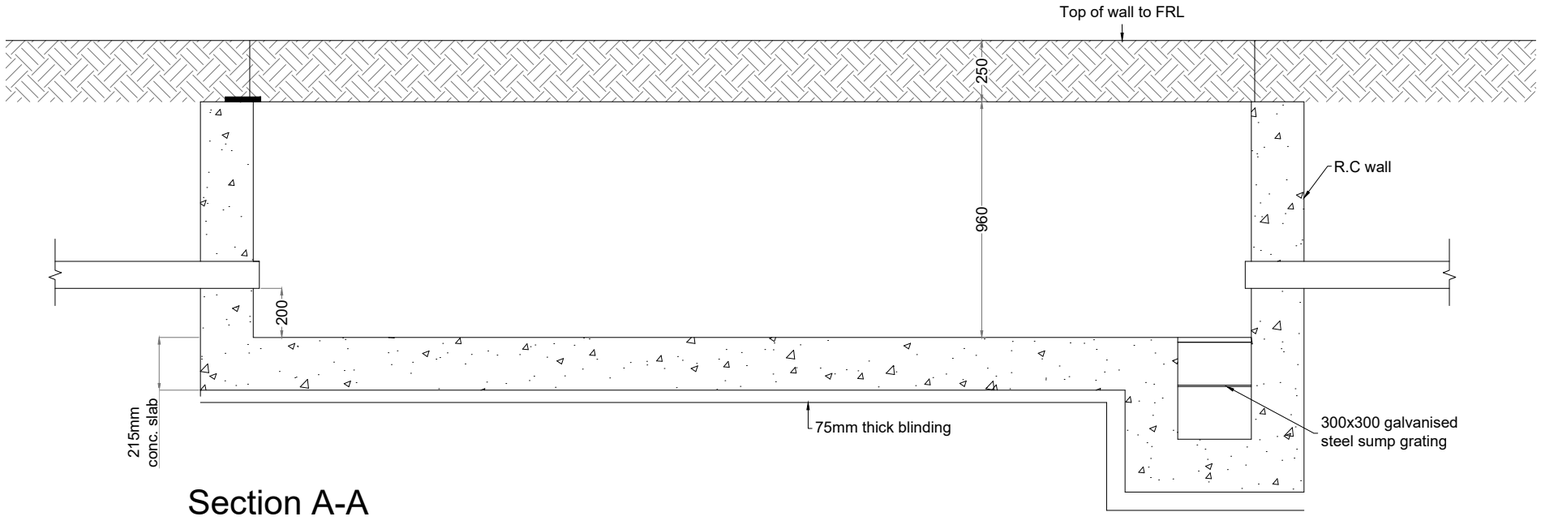


Plan of typical joint bay

Note:
Comms Chamber, as shown in
Dwg No. 231102-44, to be located
adjacent to Joint Bay



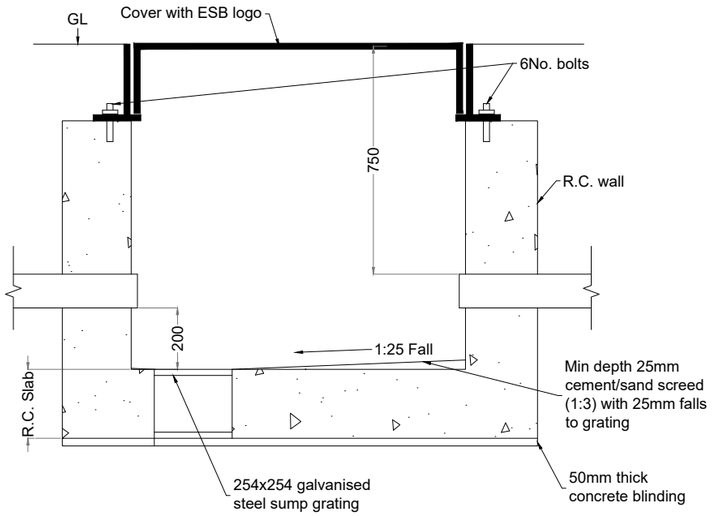
Section B-B



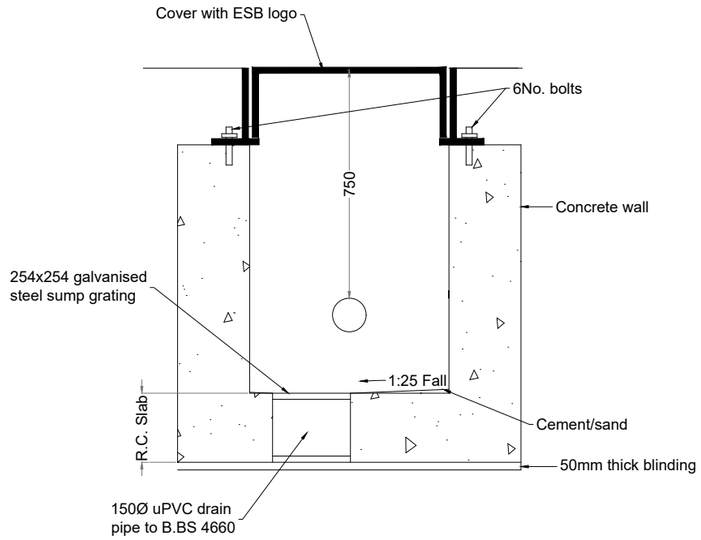
Section A-A

PROJECT TITLE: **Carrow Wind Farm, Co. Tipperary & Co. Limerick**			
DRAWING TITLE: **Joint Bay Detail**			
PROJECT No.: **231102**		DRAWING No.: **231102 - 43**	SCALE: **1:25 @ A3**
DRAWN BY: **JOB**	CHECKED BY: **AC**	DATE: **25.03.2026**	REVISION.: P02

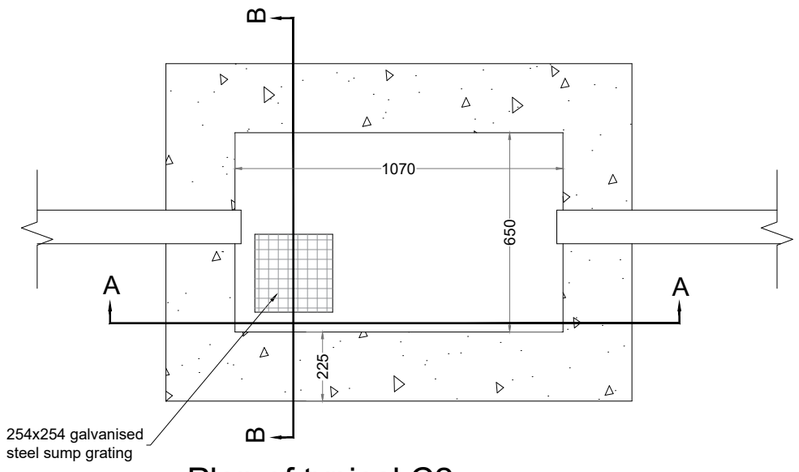
Email: info@www.mkoireland.ie /Website: www.mkoireland.ie



Section A-A



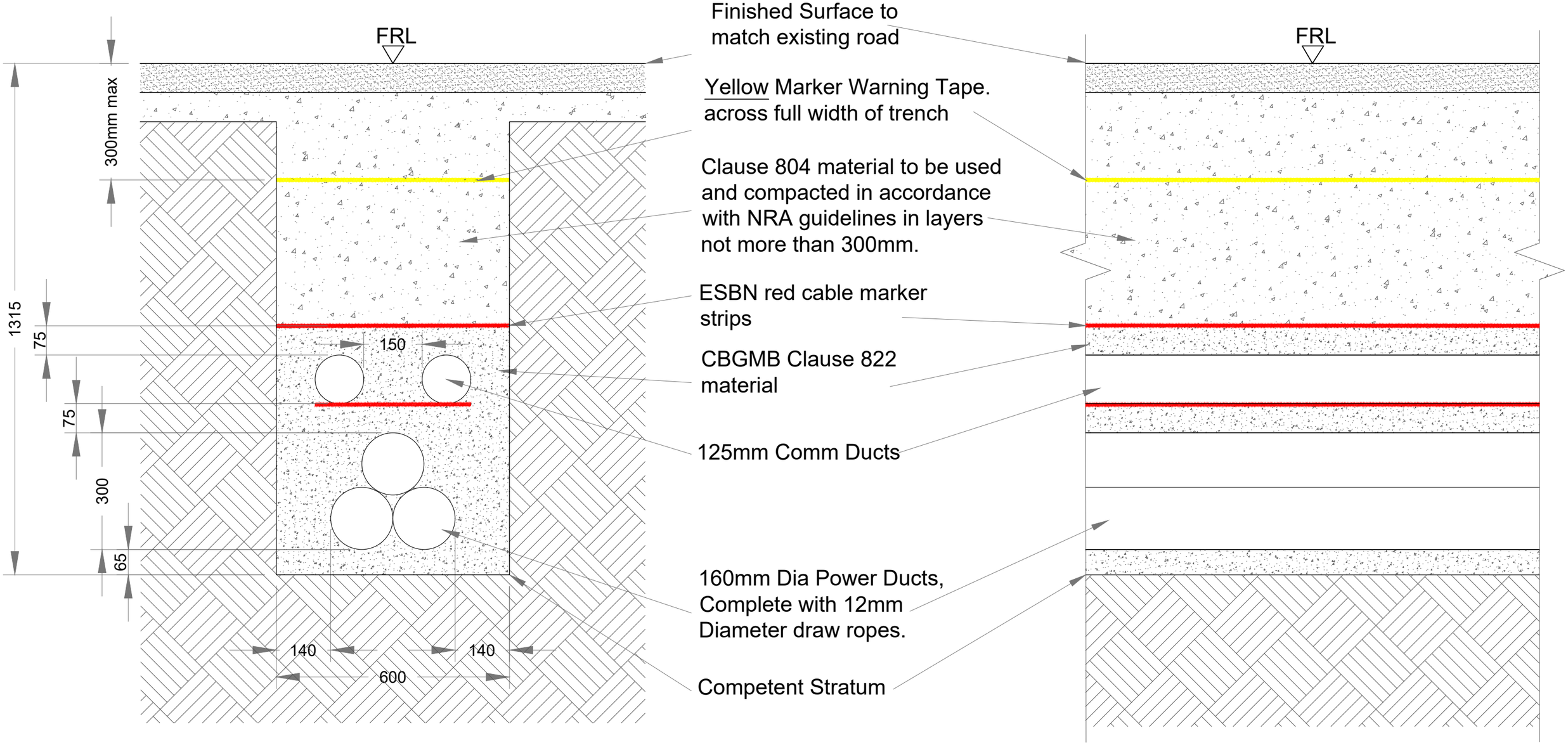
Section B-B



Plan of typical C2
communications chamber

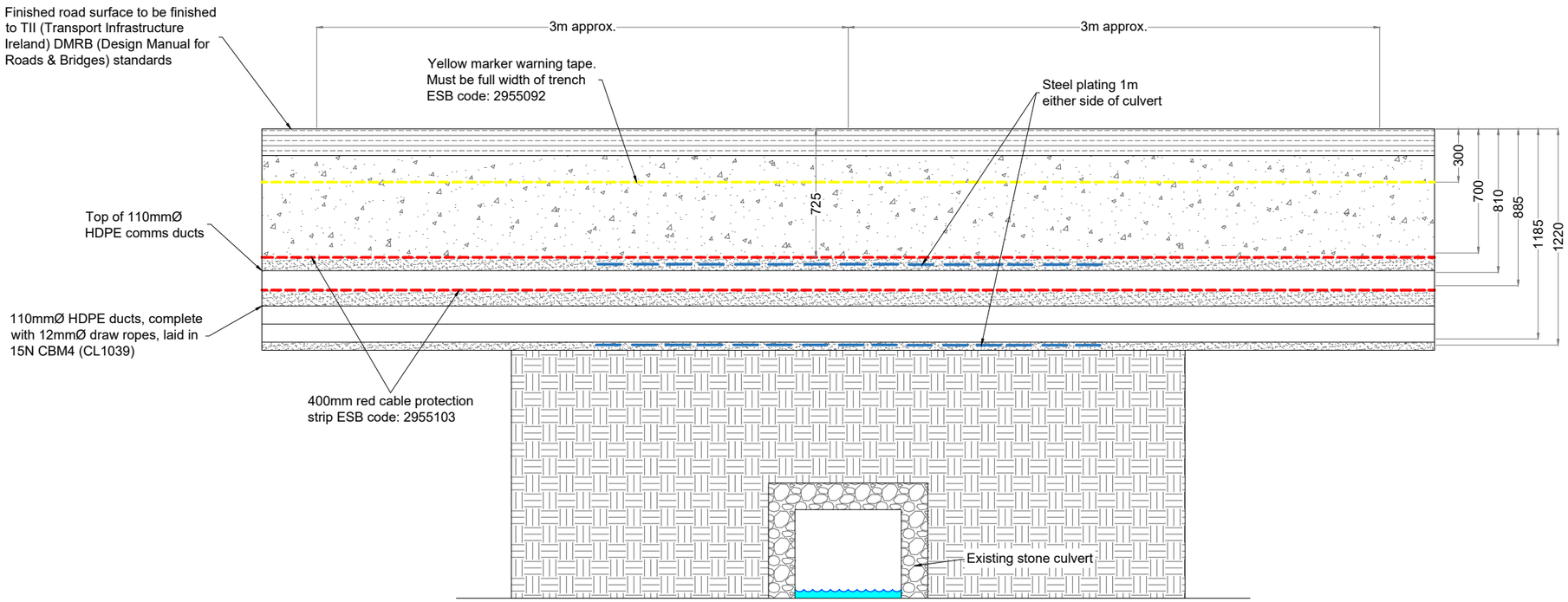
PROJECT TITLE: **Carrow Wind Farm, Co. Tipperary & Co. Limerick**			
DRAWING TITLE: **C2 Comms Chamber Detail**			
PROJECT No.: **231102**		DRAWING No.: **231102 - 44**	SCALE: **1:20 @ A3**
DRAWN BY: **JOB**	CHECKED BY: **AC**	DATE: **25.03.2026**	REVISION.: P02

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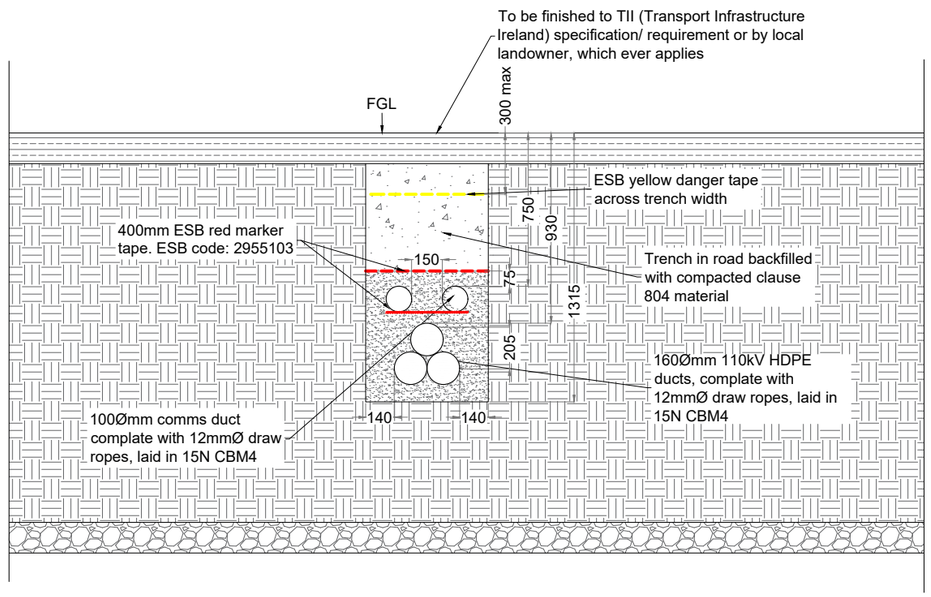


PROJECT TITLE: **Carrow Wind Farm, Co. Tipperary & Co. Limerick**			
DRAWING TITLE: **Roadside Cable Trench Cross Section**			
PROJECT No.: **231102**		DRAWING No.: **231102 - 45**	SCALE: **1: 10 @ A3**
DRAWN BY: **JOB**	CHECKED BY: **AC**	DATE: **25.03.2026**	REVISION.: P02

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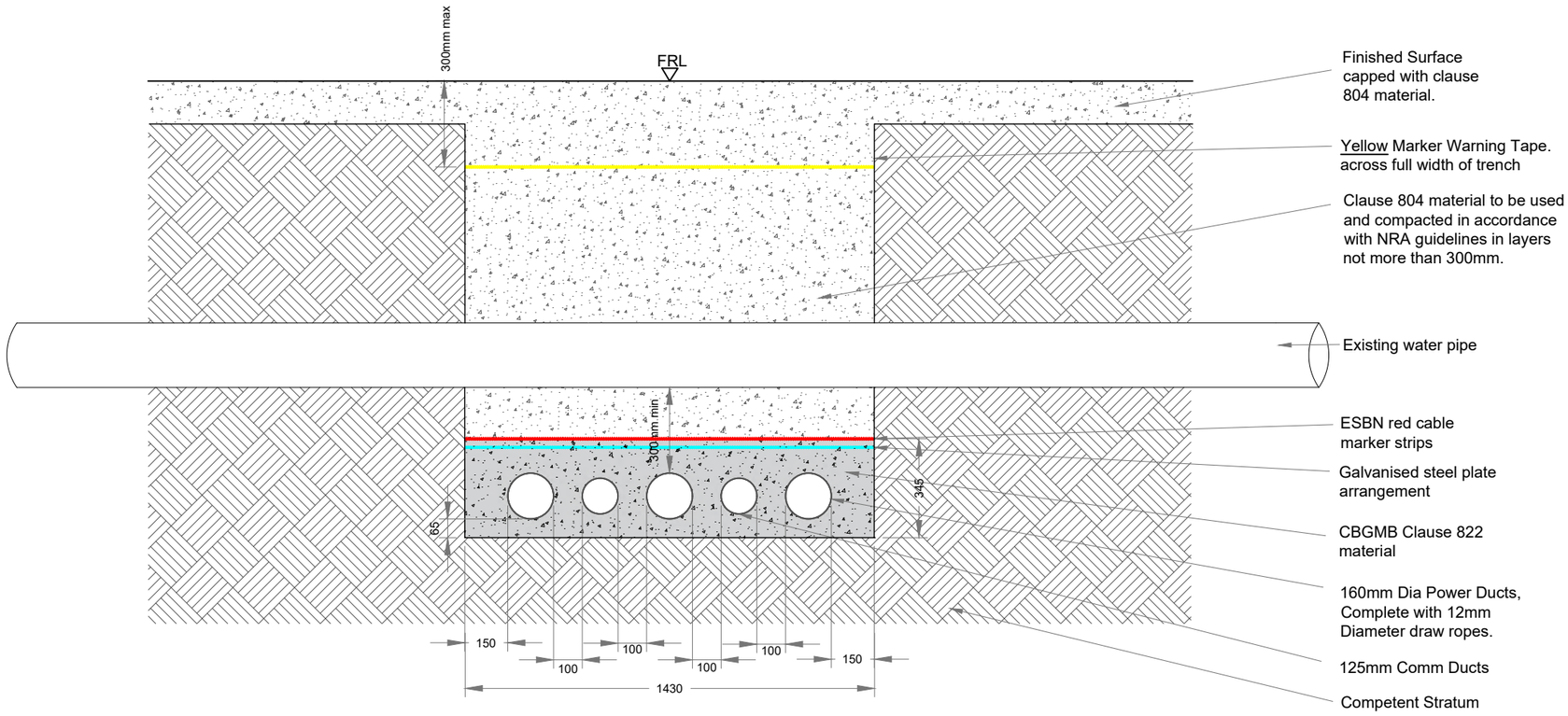
Longitudal section at watercourse crossing



Cross section at watercourse crossing

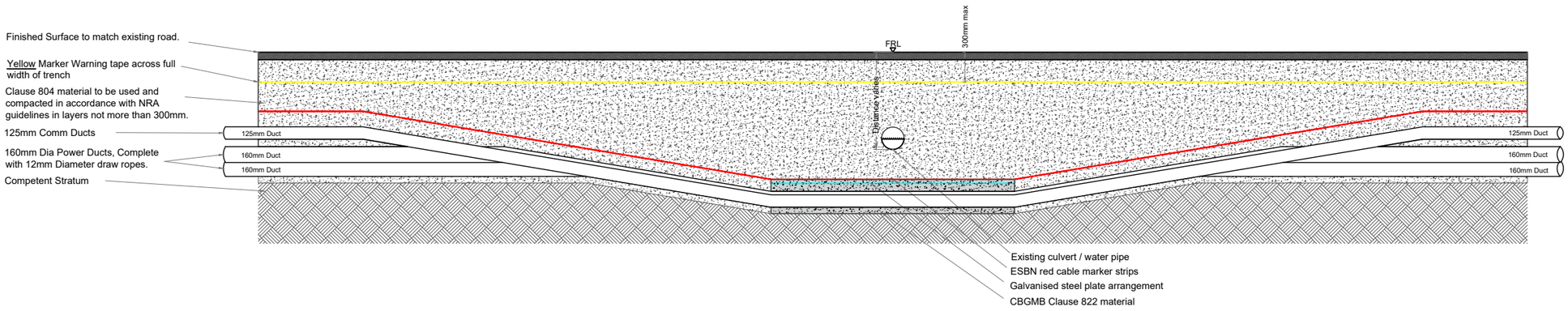
PROJECT TITLE:	**Carrow Wind Farm, Co. Tipperary & Co. Limerick**
DRAWING TITLE:	**Cable Trench Over Culvert**
PROJECT No.: **231102**	DRAWING No.: **231102 - 46** / SCALE: **1:30 @ A3**
DRAWN BY: **JOB** / CHECKED BY: **AC**	DATE: **25.03.2026** / REVISION.: P02

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Flat bed under existing pipe - 110kV

SCALE 1:20



Flat bed under existing pipe - 110kV

SCALE 1:50

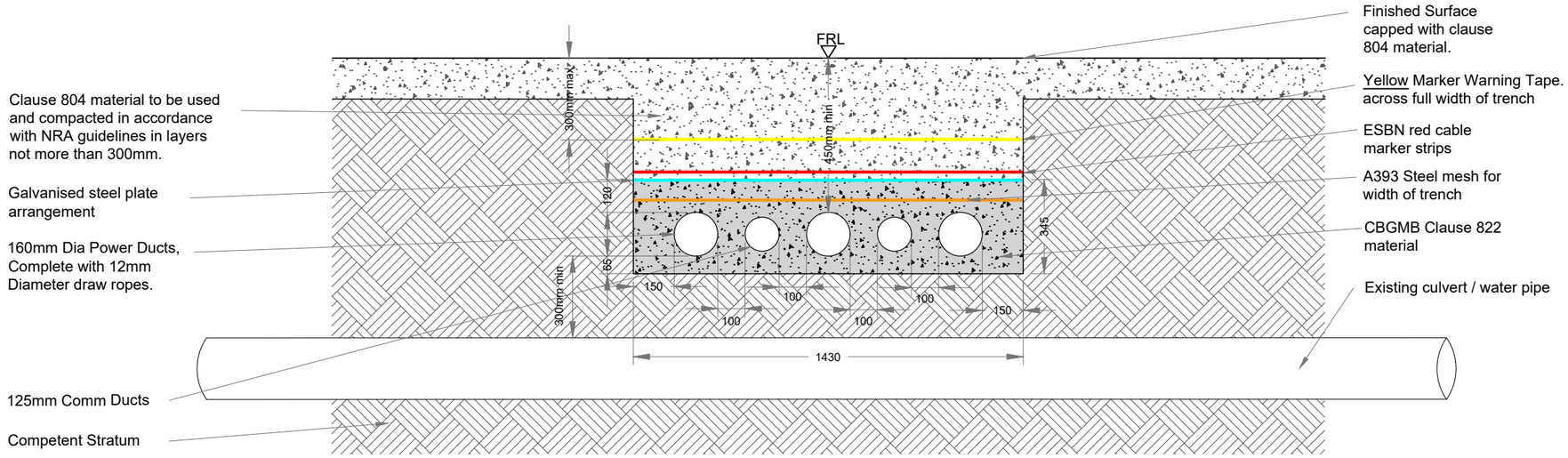
PROJECT TITLE: **Carrow Wind Farm, Co. Tipperary & Co. Limerick**

DRAWING TITLE: **Cable Trench Under Piped Culvert**

PROJECT No.:	DRAWING No.:	SCALE:
231102	231102 - 47	As Shown @ A3

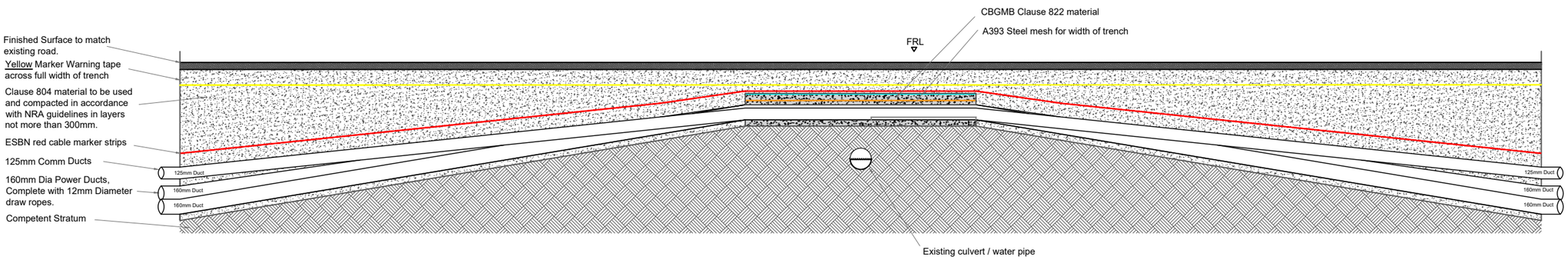
DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

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Flat bed over existing pipe - 110kV

SCALE 1:20

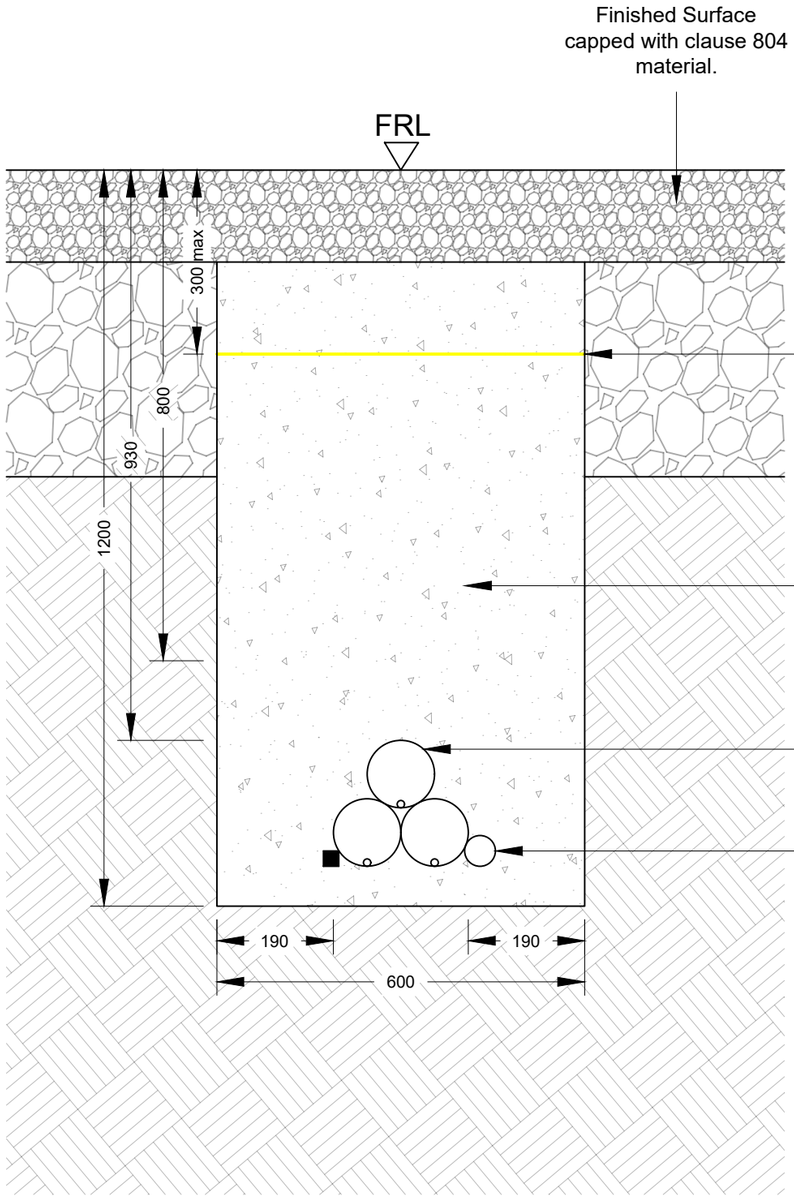


Flat Bed Over Existing Pipe - 110kV

SCALE 1:50

PROJECT TITLE: Carrow Wind Farm, Co. Tipperary & Co. Limerick			
DRAWING TITLE: Cable Trench Flatbed Formation Over Piped Culvert			
PROJECT No.: 231102		DRAWING No.: 231102 - 48	SCALE: As Shown @ A3
DRAWN BY: JOB	CHECKED BY: AC	DATE: 25.03.2026	REVISION.: P02

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



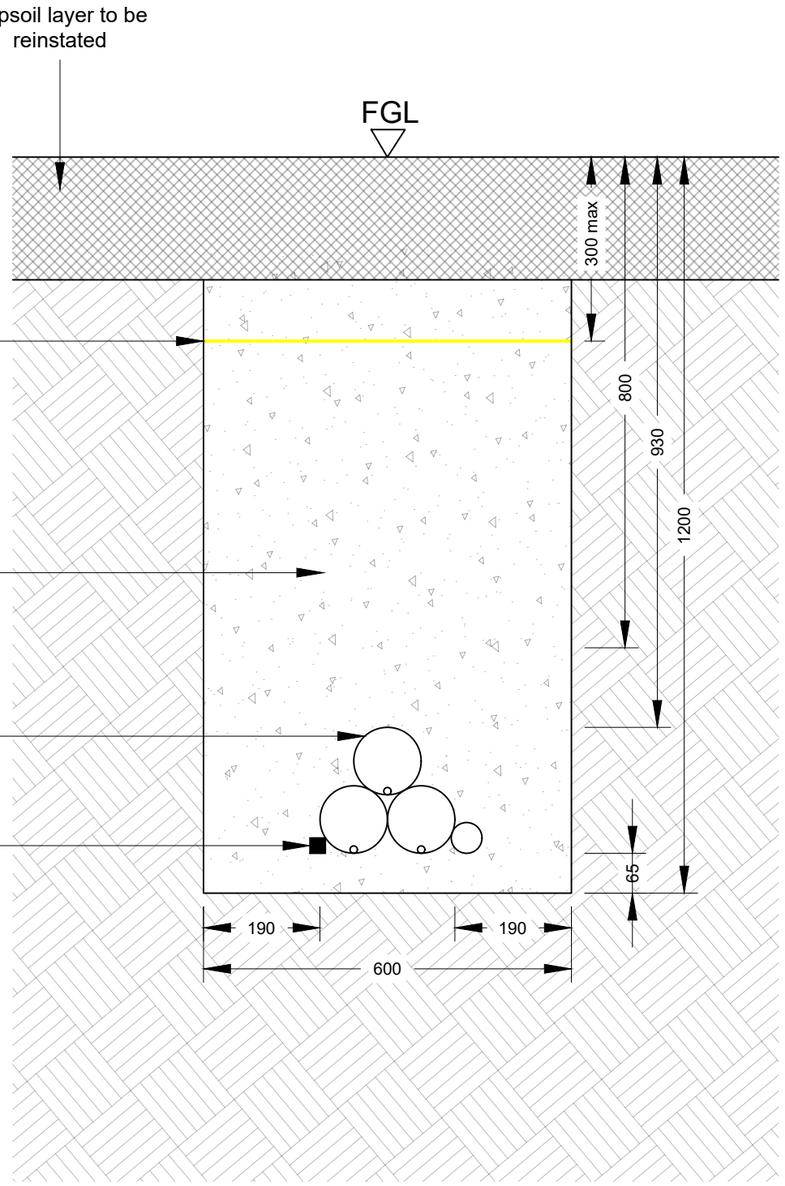
Yellow Marker Warning Tape. across full width of trench

Trench backfilled with clause 804 material and compacted in accordance with NRA guidlines.

110mm Diameter Ducts, complete with 12mm Diameter draw ropes.

50mm Diameter solid wall fibre optic cable ducting.

25mm Square earth conductor.

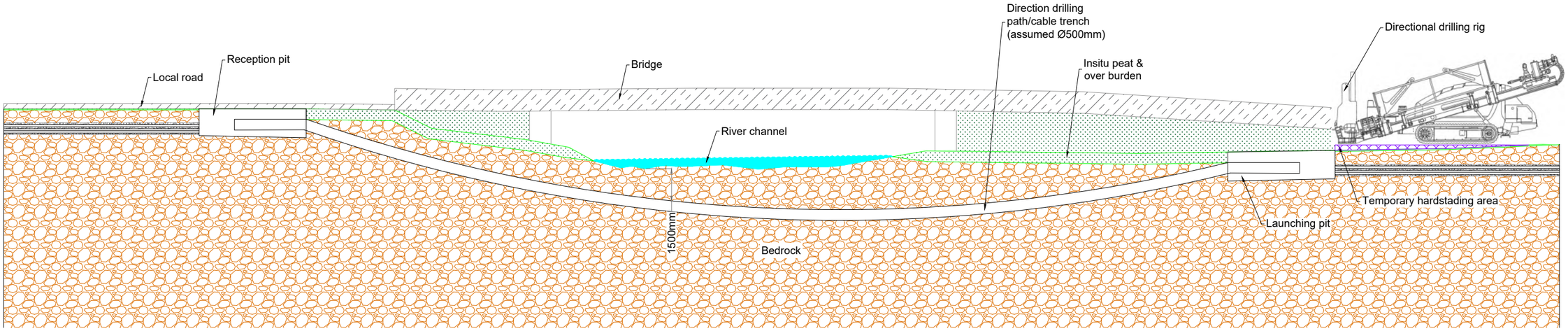


33kV Cable - On Road Trench Detail - Cross Section

33kV Cable - Off Road Trench Detail - Cross Section

PROJECT TITLE: Carrow Wind Farm, Co. Tipperary & Co. Limerick			
DRAWING TITLE: 33kV Cable Trench Sections			
PROJECT No.: 231102	DRAWING No.: 231102 - 49		SCALE: 1: 10 @ A3
DRAWN BY: JOB	CHECKED BY: AC	DATE: 25.03.2026	REVISION.: P02

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Directional Drilling Rig



Drilling Rig & Launch Pit

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Directional Drilling

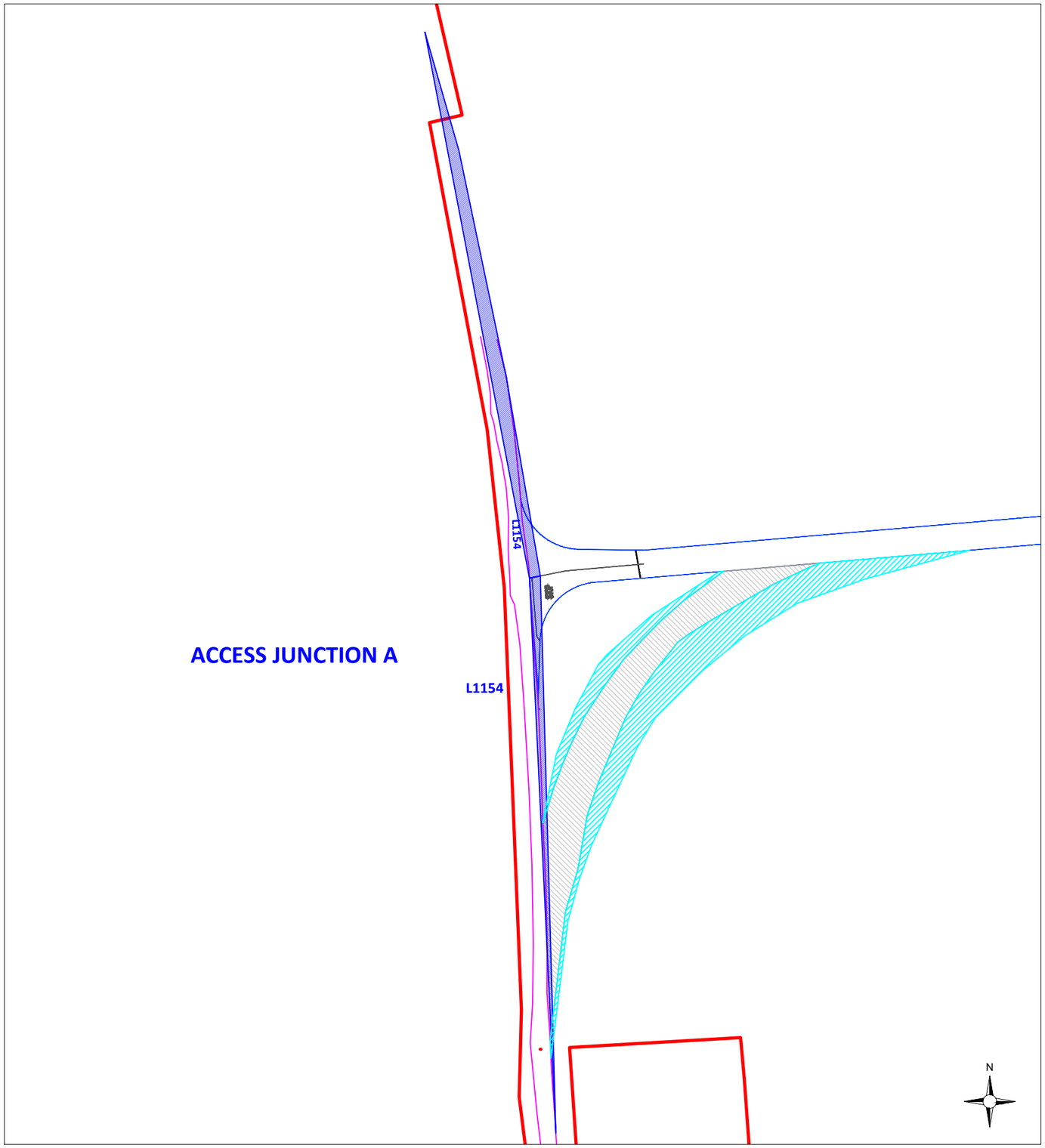
PROJECT No.:	DRAWING No.:	SCALE:
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DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

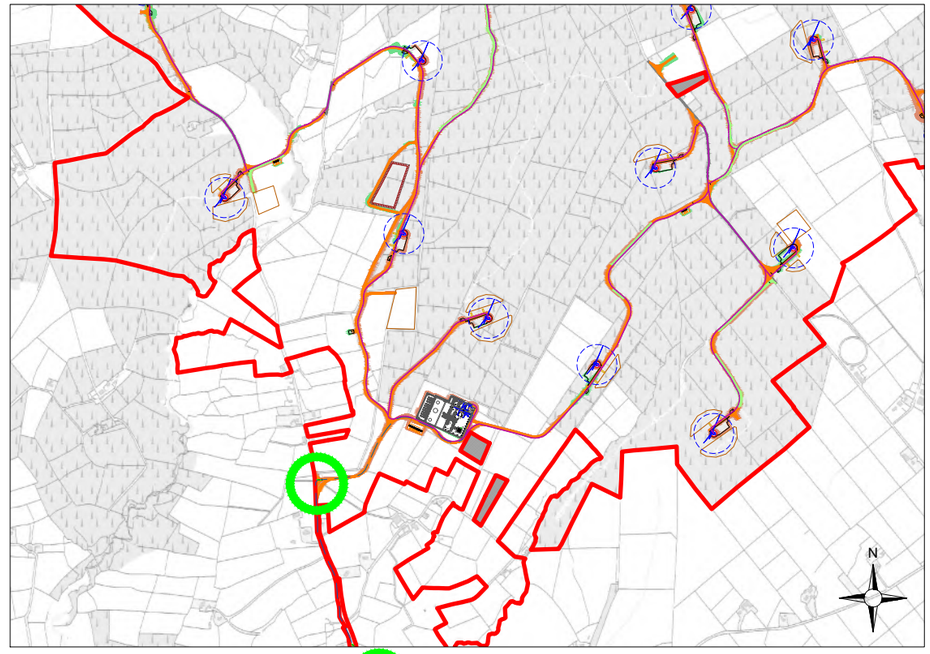
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Drawing Legend

- Existing Road Edge
- Proposed Road
- Sight Line
- Transport Runover Area
- Oversail Area



ACCESS JUNCTION A



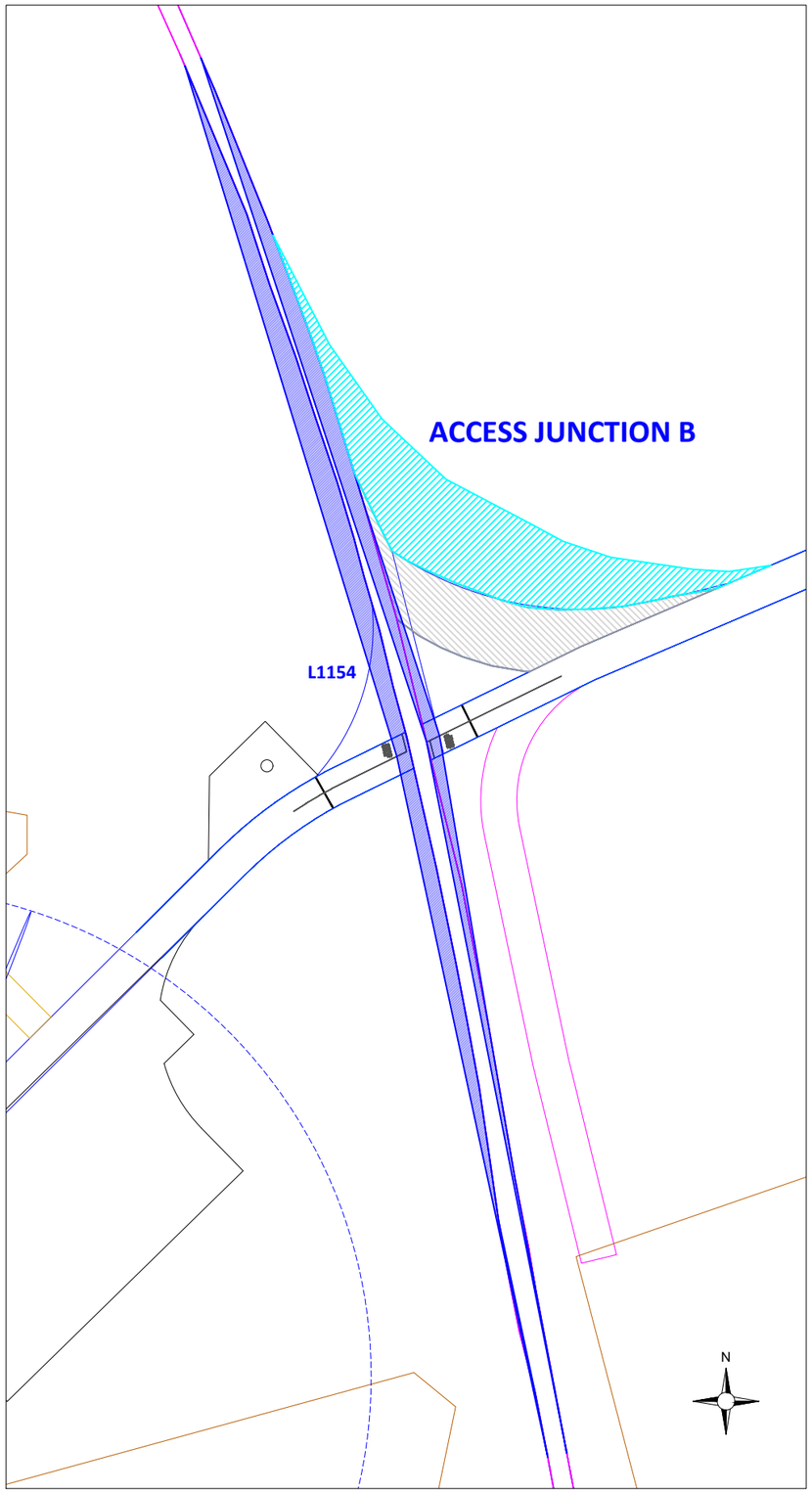
1:25,000 Location on Context Map

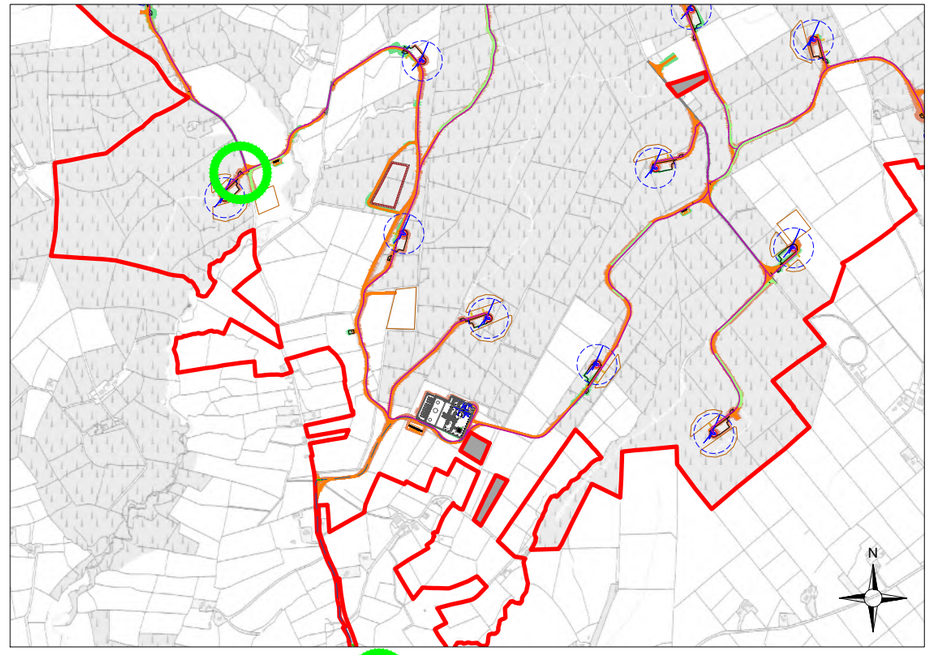
PROJECT TITLE: **Carrow Wind Farm, Co. Tipperary & Co. Limerick**			
DRAWING TITLE: **Proposed Access Junction A**			
PROJECT No.: **231102**		DRAWING No.: **231102 - 51**	SCALE: **1:1,000 @ A3**
DRAWN BY: **JOB**	CHECKED BY: **AC**	DATE: **25.03.2026**	REVISION.: P02

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Drawing Legend

- Existing Road Edge
- Proposed Road
- Sight Line
- Transport Runover Area
- Oversail Area





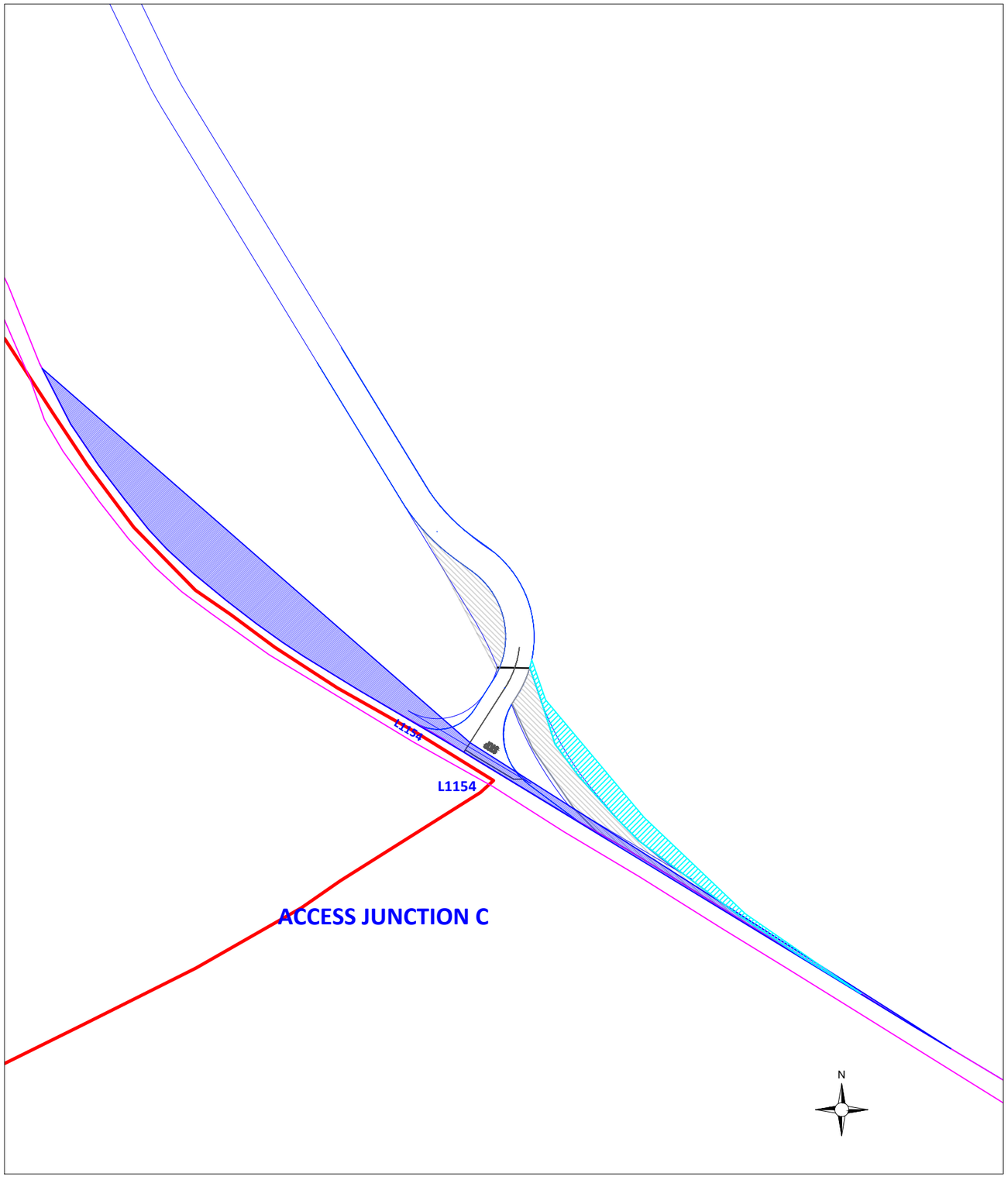
1:25,000 Location on Context Map

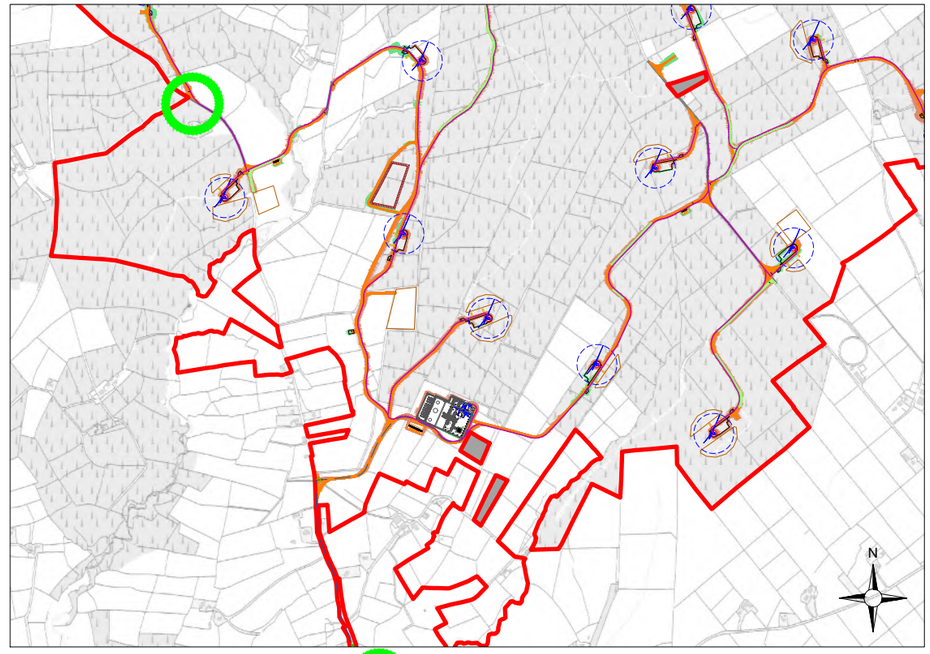
PROJECT TITLE: **Carrow Wind Farm, Co. Tipperary & Co. Limerick**			
DRAWING TITLE: **Proposed Access Junction B**			
PROJECT No.: **231102**		DRAWING No.: **231102 - 52**	SCALE: **1:1,000 @ A3**
DRAWN BY: **JOB**	CHECKED BY: **AC**	DATE: **25.03.2026**	REVISION.: P02

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Drawing Legend

- Existing Road Edge
- Proposed Road
- Sight Line
- Transport Runover Area
- Oversail Area





1:25,000 Location on Context Map

PROJECT TITLE: **Carrow Wind Farm, Co. Tipperary & Co. Limerick**

DRAWING TITLE: **Proposed Access Junction C**

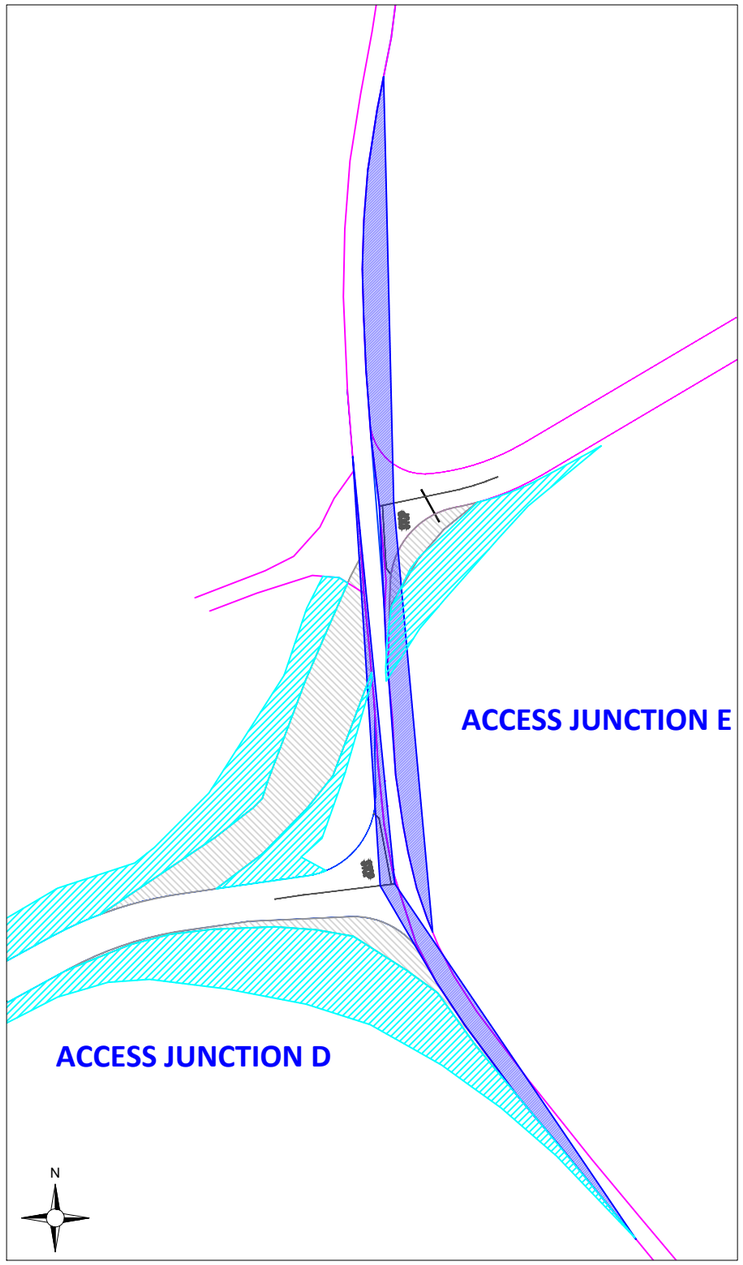
PROJECT No.:	DRAWING No.:	SCALE:
231102	231102 - 53	1:1,000 @ A3

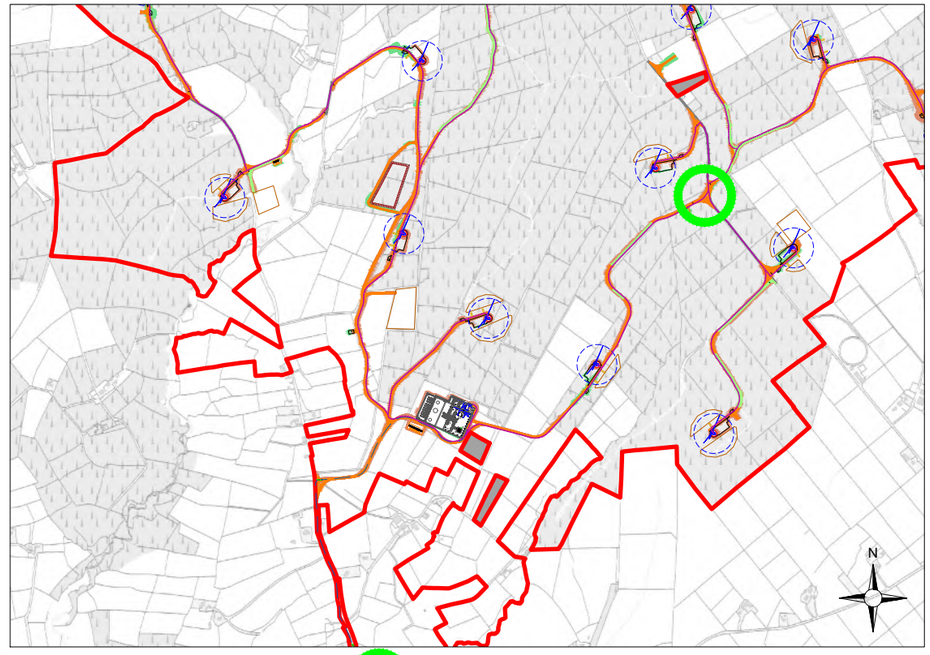
DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

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Drawing Legend

- Existing Road Edge
- Proposed Road
- Sight Line
- Transport Runover Area
- Oversail Area





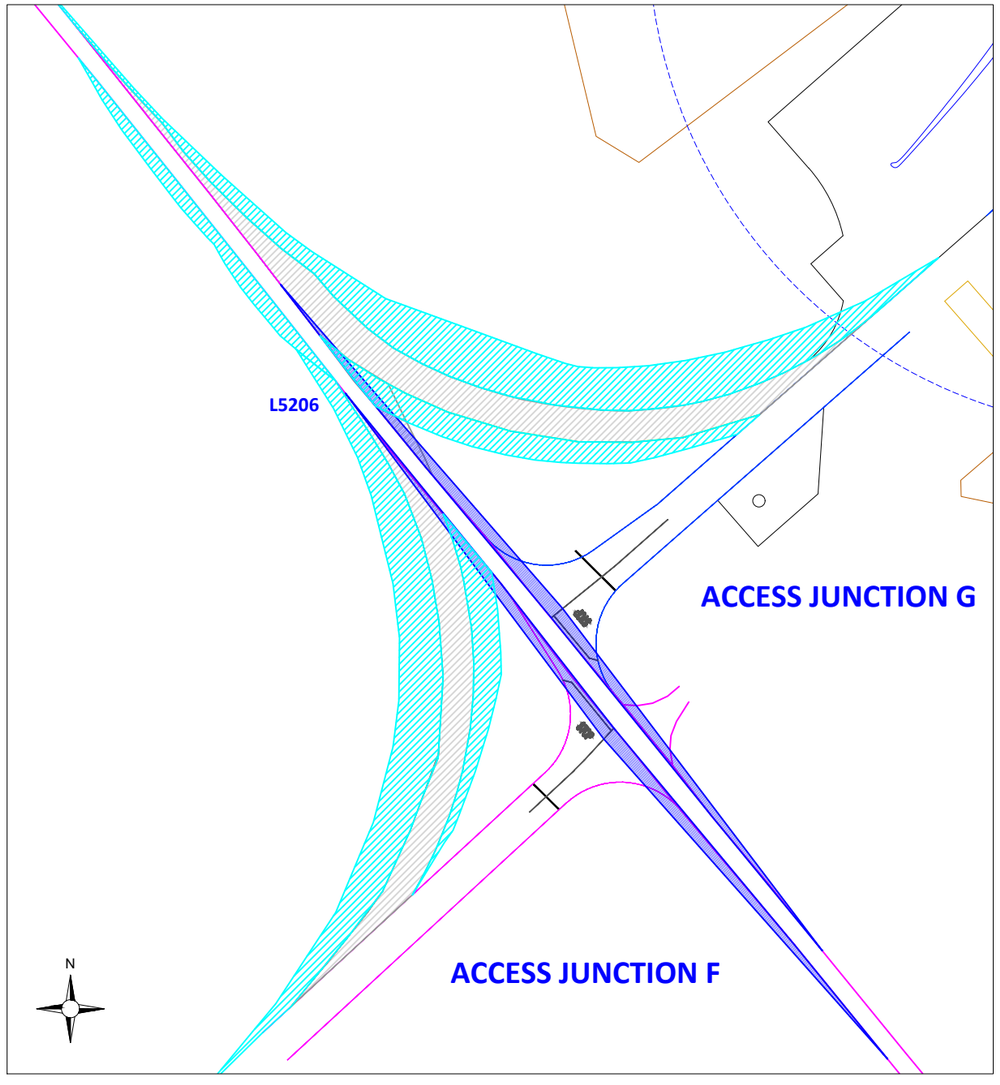
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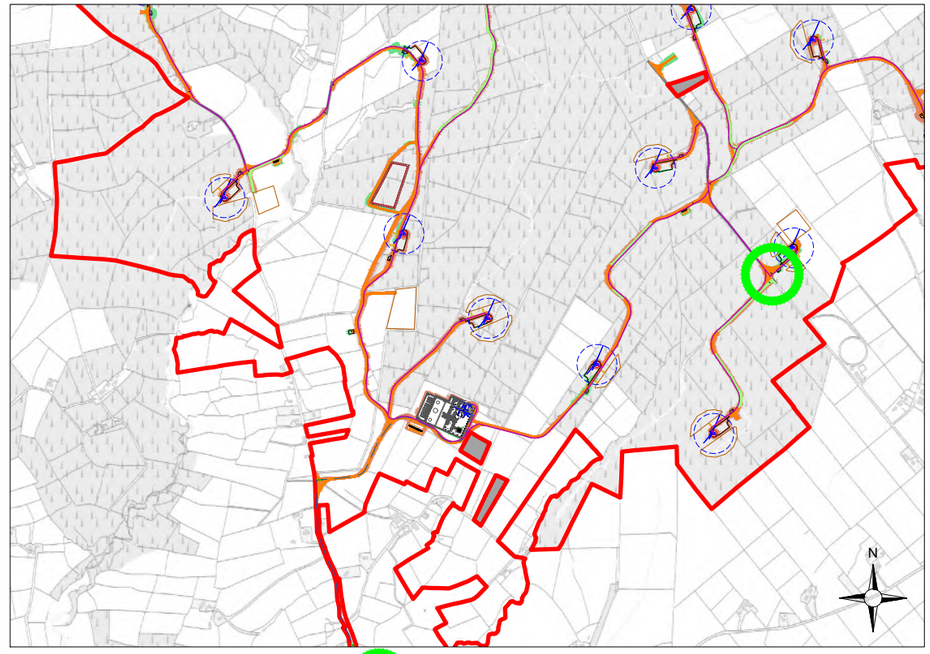
PROJECT TITLE: Carrow Wind Farm, Co. Tipperary & Co. Limerick			
DRAWING TITLE: Proposed Access Junction D & E			
PROJECT No.: 231102	DRAWING No.: 231102 - 54		SCALE: 1:1,000 @ A3
DRAWN BY: JOB	CHECKED BY: AC	DATE: 25.03.2026	REVISION.: P02

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

Drawing Legend

- Existing Road Edge
- Proposed Road
- Sight Line
- Transport Runover Area
- Oversail Area





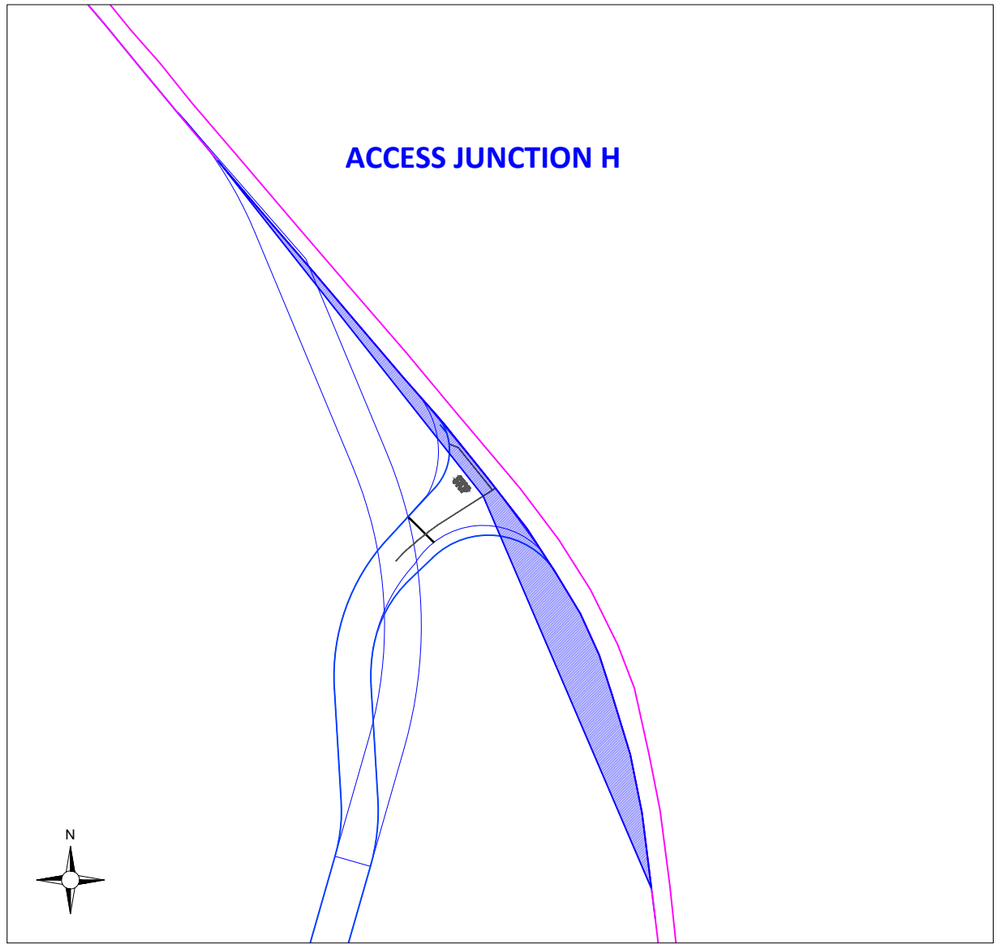
1:25,000 Location on Context Map

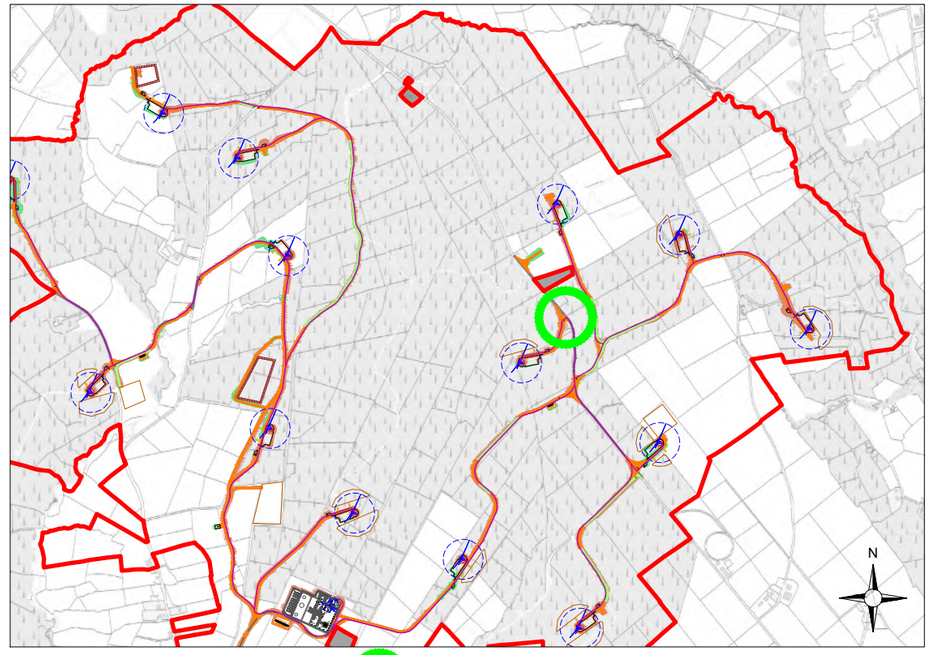
PROJECT TITLE: **Carrow Wind Farm, Co. Tipperary & Co. Limerick**			
DRAWING TITLE: **Proposed Access Junction F & G**			
PROJECT No.: **231102**		DRAWING No.: **231102 - 55**	SCALE: **1:1,000 @ A3**
DRAWN BY: **JOB**	CHECKED BY: **AC**	DATE: **25.03.2026**	REVISION.: P02

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Drawing Legend

- Existing Road Edge
- Proposed Road
- Sight Line





1:25,000 Location on Context Map

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Proposed Access Junction H

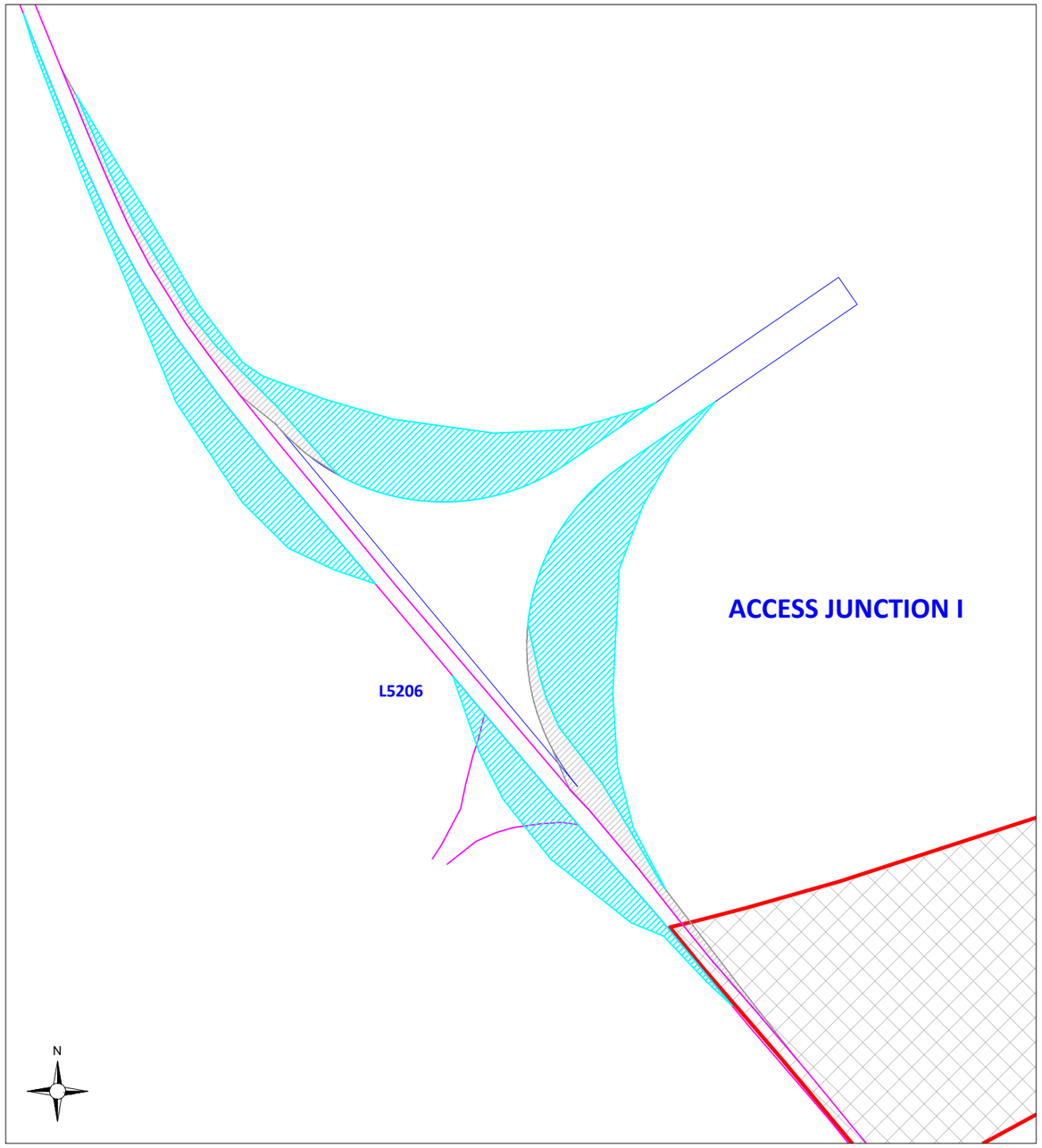
PROJECT No.:	DRAWING No.:	SCALE:
231102	231102 - 56	1:1,000 @ A3

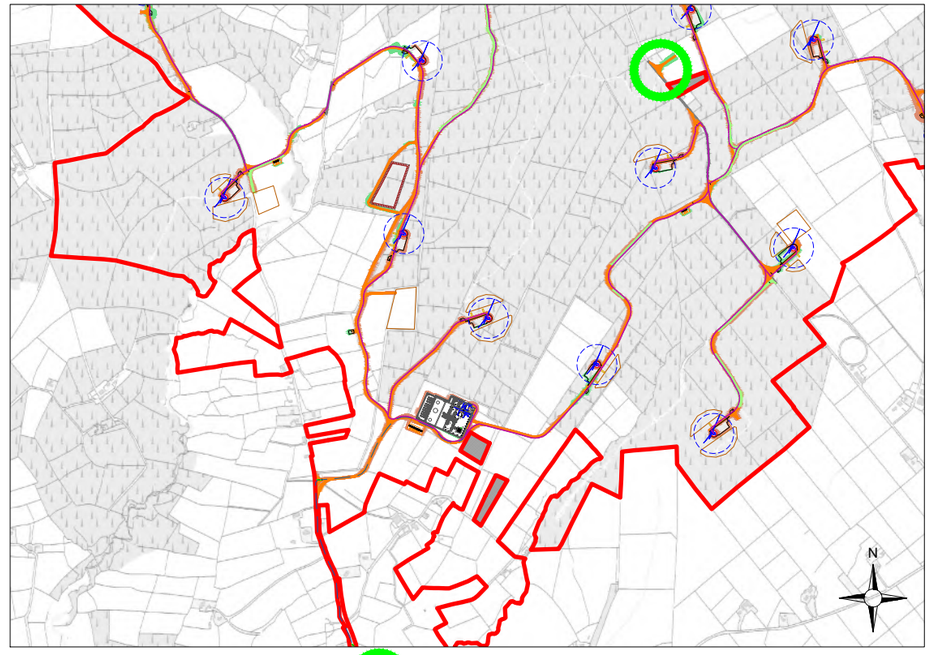
DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

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

Drawing Legend

- Existing Road Edge
- Proposed Road
- Transport Runover Area
- Oversail Area





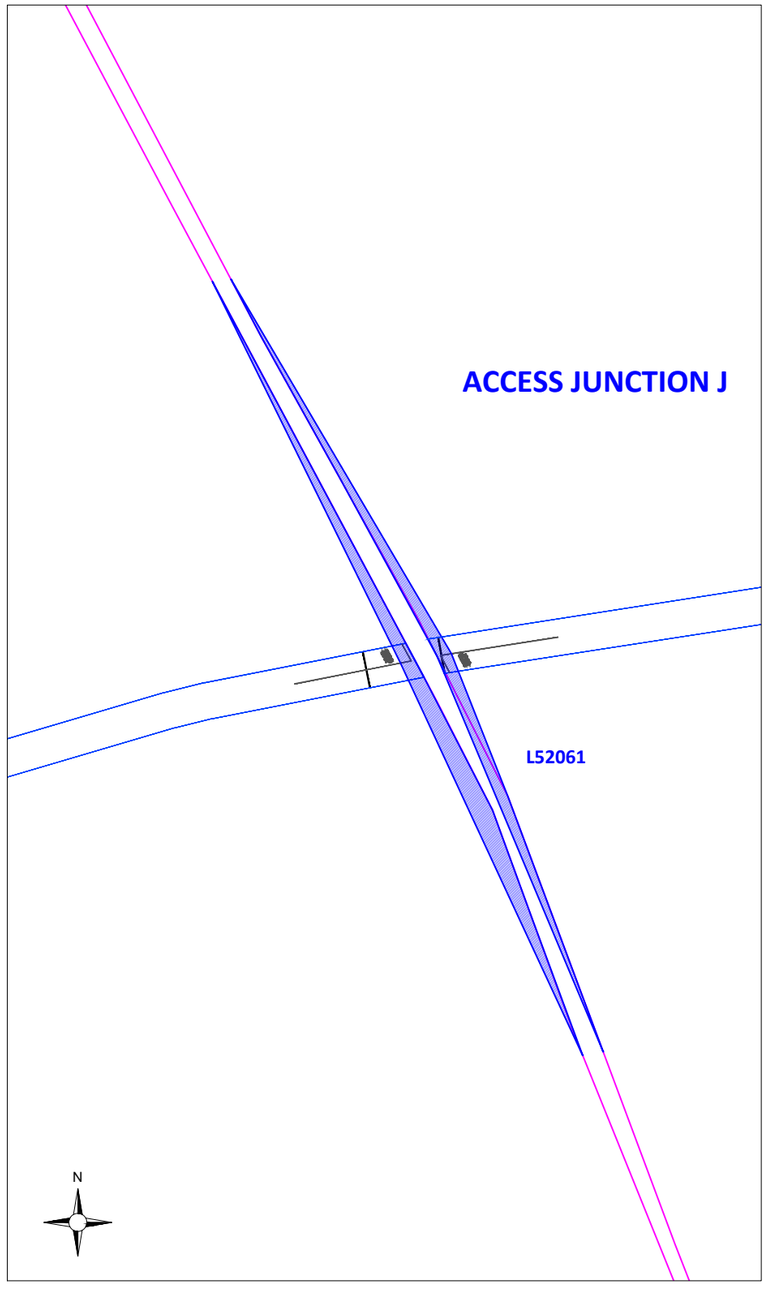
1:25,000 Location on Context Map

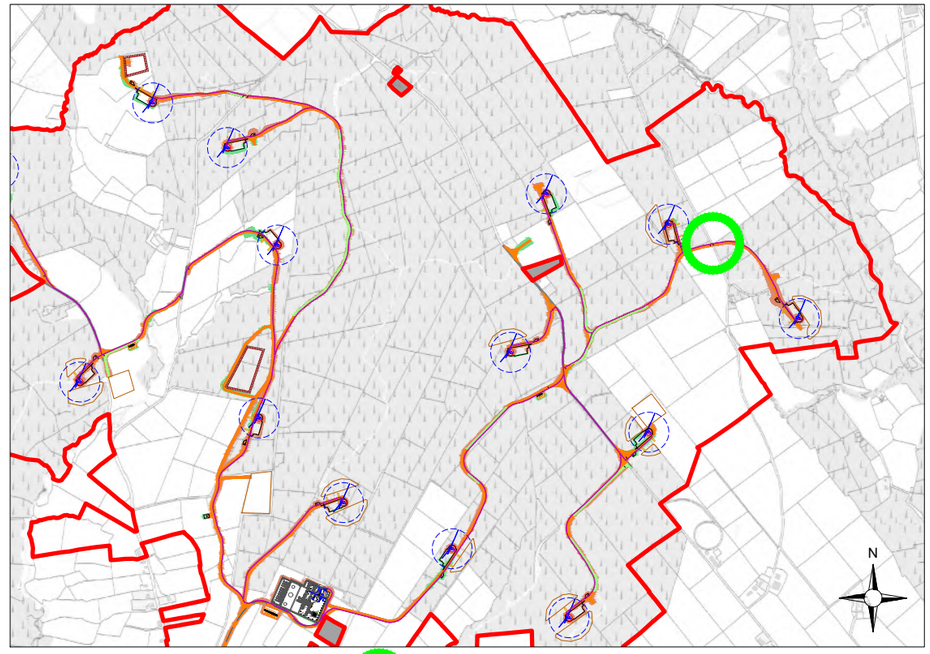
PROJECT TITLE: **Carrow Wind Farm, Co. Tipperary & Co. Limerick**			
DRAWING TITLE: **Proposed Access Junction I**			
PROJECT No.: **231102**		DRAWING No.: **231102 - 57**	SCALE: **1:1,000 @ A3**
DRAWN BY: **JOB**	CHECKED BY: **AC**	DATE: **25.03.2026**	REVISION.: P02

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Drawing Legend

- Existing Road Edge
- Proposed Road
- Sight Line





1:25,000 Location on Context Map

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Proposed Access Junction J

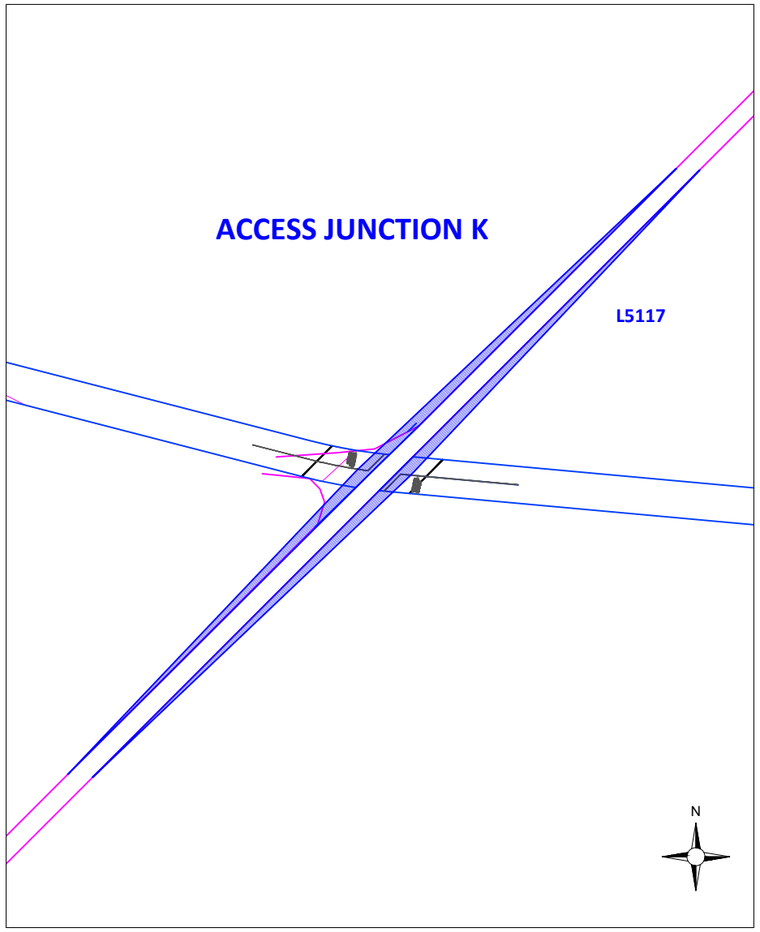
PROJECT No.:	DRAWING No.:	SCALE:
231102	231102 - 58	1:1,000 @ A3

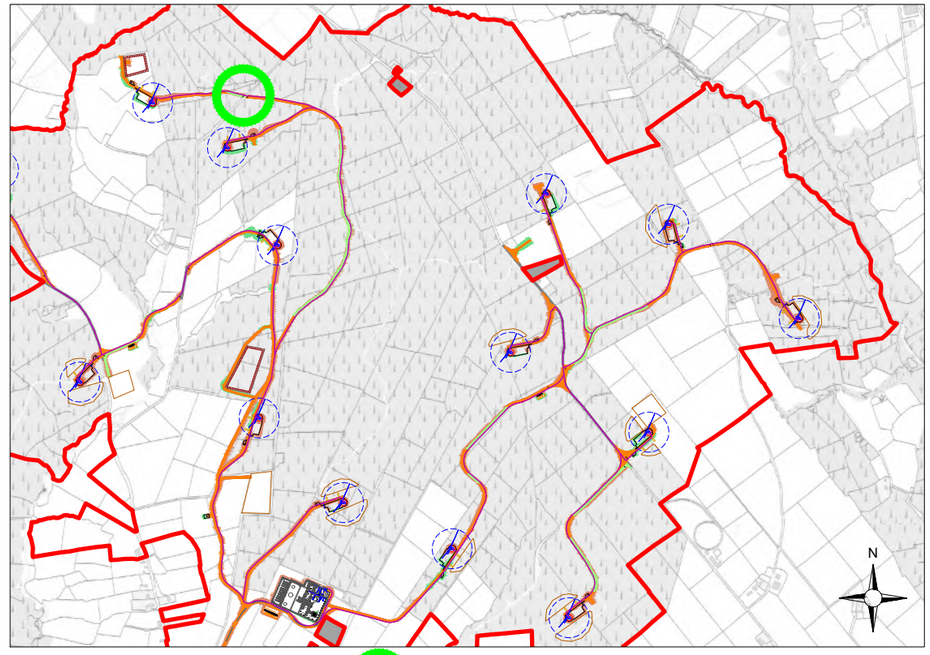
DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

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Drawing Legend

- Existing Road Edge
- Proposed Road
- Sight Line





1:25,000 Location on Context Map

PROJECT TITLE: **Carrow Wind Farm, Co. Tipperary & Co. Limerick**			
DRAWING TITLE: **Proposed Access Junction K**			
PROJECT No.: **231102**		DRAWING No.: **231102 - 59**	SCALE: **1:1,000 @ A3**
DRAWN BY: **JOB**	CHECKED BY: **AC**	DATE: **25.03.2026**	REVISION.: P02

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

Drawing Legend

- Planning Application Boundary
- Area not apart of Application
- Felling Areas

N

PROJECT TITLE:
Carrow Wind Farm, Co. Tipperary & Co. Limerick

DRAWING TITLE:
Proposed Felling Areas

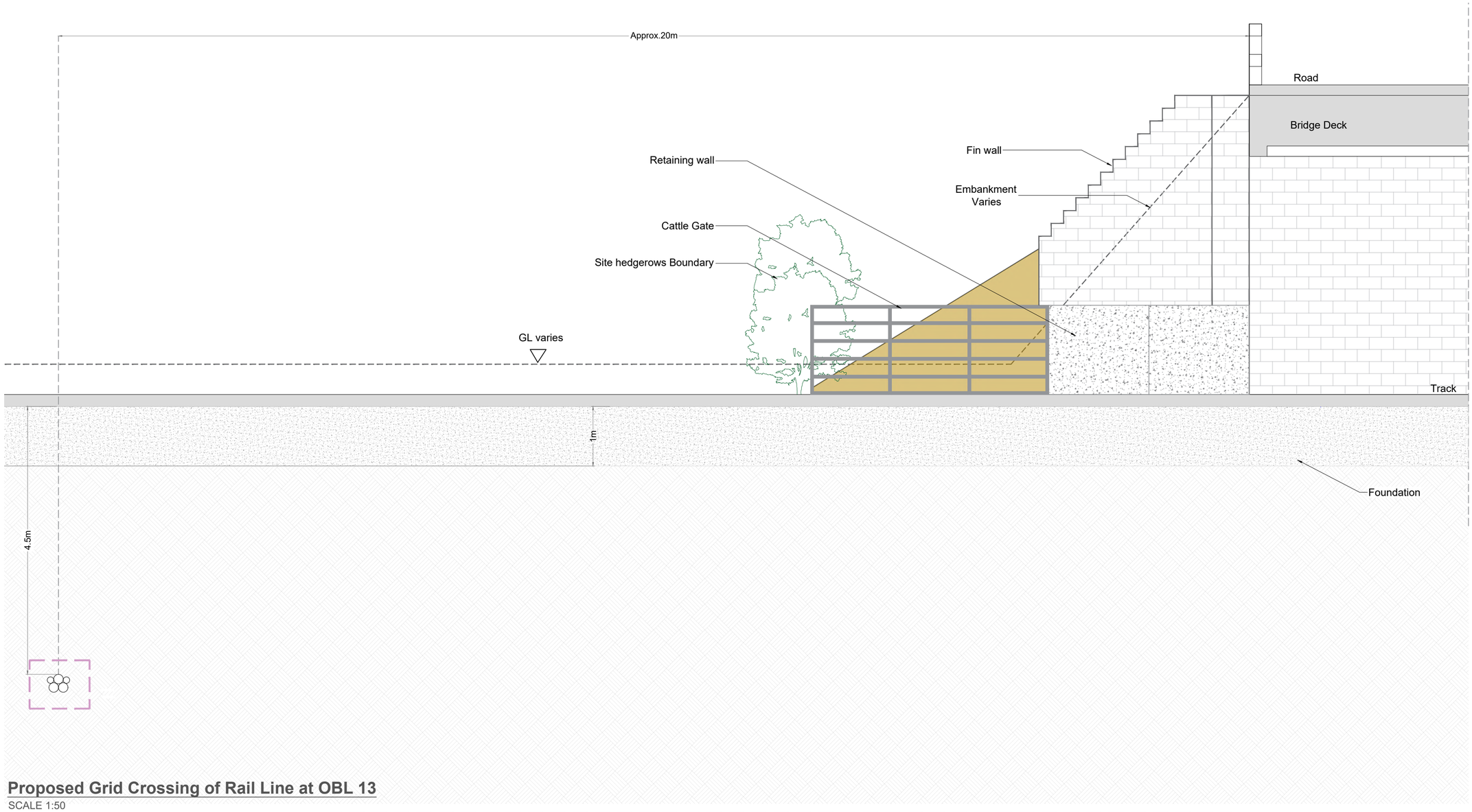
PROJECT No.:	DRAWING No.:	SCALE:
231102	231102 - 60	1:25,000 @ A3

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
JOB	AC	25.03.2026	P02

OS SHEET No.:
4744, 4745, 4746, 4747, 4748, 4749, 4750, 4751, 4752, 4753, 4754, 4755, 4814, 4815, 4804, 4805, 4806, 4807, 4808, 4809, 4810, 4811, 4812, 4813, 4877, 4878, 4867, 4868, 4869, 4870, 4871, 4872, 4873, 4874, 4875, 4876, 4938, 4939, 4940, 4929, 4930, 4931, 4932, 4933, 4934, 4935, 4936, 4937, 4989, 4990, 4991, 4992, 4993, 4994, 4995, 4996, 4997, 4998, 4999, 5000

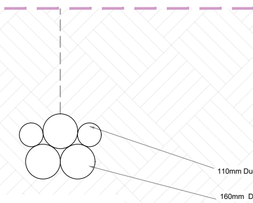
MKO
Email: info@www.mkoireland.ie /Website: www.mkoireland.ie

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Proposed Grid Crossing of Rail Line at OBL 13

SCALE 1:50



Trench Detail

SCALE 1:20

In clause 4.1.2 of CCE-TMS-344 Requirement for Undertrack Crossings '300mm diameter or less is likely to be treated as a minor impact project'. The proposed duct cluster will be in this size order



Fin Wall



PROJECT TITLE: Carrow Wind Farm, Co. Tipperary & Co. Limerick			
DRAWING TITLE: Proposed Grid Crossing Adjacent to OBL 13			
PROJECT No.: 231102		DRAWING No.: 231102 - 61	SCALE: As shown @ A2
DRAWN BY: GO	CHECKED BY: AC	DATE: 25.03.2026	REVISION.: P02

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

POLLUTION PREVENTION NOTES:

1. Site management proposals are intended to ensure protection against surface water and groundwater pollution, siltation and erosion.
2. Suitable drainage control measures will be in place at all times to prevent conveyance of significant volumes of silt to off site receiving watercourses.
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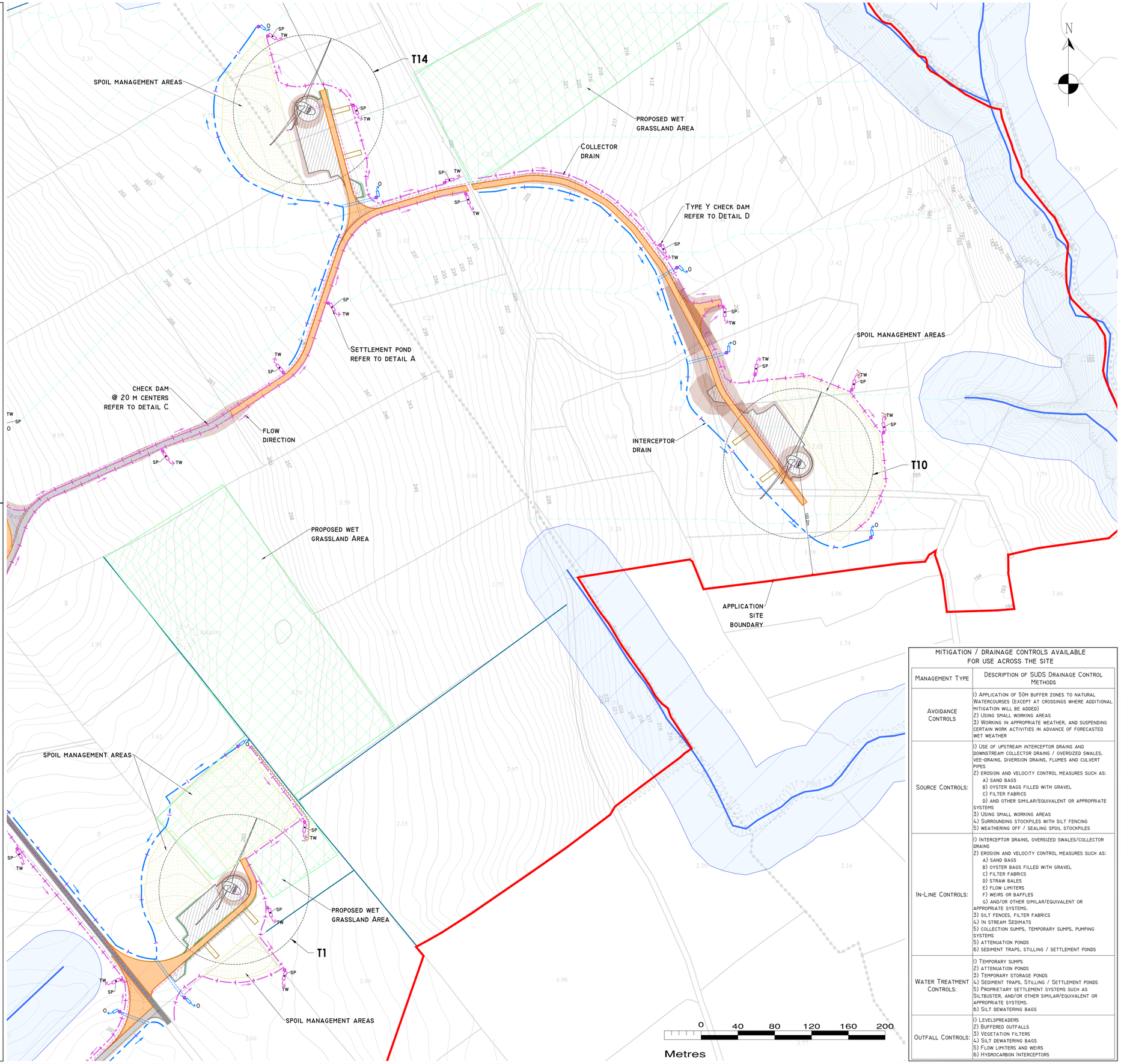
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3. SUDS drainage system to be constructed prior to, or at the same time as the access tracks. Interim measures such as the placement of straw bales/silt fencing/or similar approved method or additional check dams and silt fences to be employed in all instances where work carried out to construct the access tracks is likely to cause adverse environmental effects through increased silt loadings being generated during the construction phase.
4. Suitable prevention measures will be in place at all times to prevent the conveyance of significant volumes of silt to receiving watercourses. See notes on pollution prevention.
5. Interceptor swales / ditches will be used to collect upstream surface water flows. Regular cross drains / discharge to field ditches/drains will be installed to transfer / discharge surface water in interceptor drains to suitable field drain outfall points.
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7. a buffer zone of >20m to any existing watercourse will be required where over land discharges are proposed from access track swales / ditches. This buffer will not be possible at river/stream crossings, but other suitable controls are proposed in those areas (i.e. additional silt fencing).
8. Batters of all proposed swales / ditches to have a slope of between 1 : 1.5 to 1 : 2 depending upon depth of swale/ditch and will be left as cut to re-vegetate with local species.
9. Track side swales / ditches to be shallow with moderate gradients to prevent scouring. In steep areas check dams will be installed to reduce flow velocities and provide source control of silt containment. These have been designated in conjunction with settlement ponds and silt traps, prior to discharge.
10. Settlement ponds to be constructed for silt removal at turbine bases and hard stand areas. Pond sizes depend on the catchment area being served. Sample pond sizes for various catchment areas shown on Drawing D501.
11. Straw bales / or similar and silt fences to be used also around spoil heaps to mitigate silt runoff. Silt fences may be removed when suitable vegetation cover is established.
12. Silt fences to be provided along the edge of existing watercourses where works comes within <15m of edge of any ditch / drain / ephemeral channel.
13. Slopes of the swales / ditches to be vegetated or protected from erosion until vegetation has been established. Stripped vegetative layer (peat 'sod' or 'scraw') from excavations to be stored locally and used to line slopes and base of swales / ditches or longitudinal mounds of vegetation swales at field drain discharge points.
14. Areas stripped of vegetation will be kept to a minimum.
15. Clean stone flow control check dams to be made of locally won / geologically similar well graded stone. Aggregate size for stone check dams to be typically 20- 40mm clean stone. On sloping sections of the access tracks, 40mm check dams to be protected from washing away through the placement of 100m stone on the downhill face of the check dam and by wrapping in geotextile.
16. Build up of silt levels at check dams to be removed and disposed of appropriately. Silt levels at check dams to be visually inspected as part of an ongoing drainage maintenance programme during the construction phase. Where check dams become clogged with silt or vegetation, stone check dam to be removed and replaced subsequent to the removal of silt.
17. Spacing and frequency of check dams will be dependent upon longitudinal gradient of swale.
18. Location of filtration check dams (if required) to be agreed on site with Engineer. Settlement ponds to be constructed in a manner where they may be easily infilled at a later date (post completion of the turbine base and hardstand construction). Only suitable materials excavated from the pond to be used to form part of the embankment around the pond.
19. Oil fuel will only be stored within bunded containment structures.
20. Temporary use of silt bags will be used on site where pumping from excavations is required.



MITIGATION / DRAINAGE CONTROLS AVAILABLE FOR USE ACROSS THE SITE

Management Type	Description of SUDS Drainage Control Methods
Avoidance Controls	1) Application of 50m buffer zones to natural Watercourses (except at crossings where additional mitigation will be added) 2) Using small working areas 3) Working in appropriate weather, and suspending certain work activities in advance of forecasted wet weather
Source Controls:	1) Use of upstream interceptor drains and downstream collector drains / oversized swales, vee-drains, diversion drains, flumes and culvert pipes 2) erosion and velocity control measures such as: a) sand bags b) oyster bags filled with gravel c) filter fabrics d) and other similar/equivalent or appropriate systems 3) Using small working areas 4) Surrounding stockpiles with silt fencing 5) weathering off / sealing spoil stockpiles
In-Line Controls:	1) interceptor drains, oversized swales/collector drains 2) erosion and velocity control measures such as: a) sand bags b) oyster bags filled with gravel c) filter fabrics d) straw bales e) flow limiters f) weirs or baffles g) and/or other similar/equivalent or appropriate systems. 3) silt fences, filter fabrics 4) In stream Sediments 5) collection sumps, temporary sumps, pumping systems 5) attenuation ponds 6) sediment traps, stilling / settlement ponds
Water Treatment Controls:	1) Temporary sumps 2) attenuation ponds 3) Temporary storage ponds 4) Sediment traps, Stilling / Settlement ponds 5) Proprietary settlement systems such as Siltbuster, and/or other similar/equivalent or appropriate systems. 6) Silt dewatering bags
Outfall Controls:	1) Levelspreaders 2) Buffered outfalls 3) Vegetation filters 4) Silt dewatering bags 5) Flow limiters and weirs 6) Hydrocarbon Interceptors

Drawing Legend :

Existing Drainage
- Watercourses
- Watercourses 50m buffer
- Redirected watercourse
- Stream flow direction
- Mapped drains
- Mapped drainage pathways >150m lenght*

* Potential drainage flowpaths are modelled based on LiDAR data and do not indicate the presence of a drain or watercourse ominated by recharge to ground.

Proposed Drainage
- Upstream Interceptor Drain
- Swales/Downstream Collector Drain
- Direction of flow
- Silt Fences
- Double/Triple Silt Fences
- Settlement pond - level spreader
- Check Dam 'type A'
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- Proposed wc crossing/culvert
- Existing wc crossing to be upgraded
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- O Overland Flow Discharge
- TW Treated Water Discharge
- SP Settlement Pond
- VS Semi-Natural Vegetation Swale / Filter Bed /secondary sp
- Pumping Sump

- Application site boundary
- Existing ground surface minor contour (1m interval)
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- Turbine foundation
- Hardstand
- Proposed new roads
- Existing roads proposed to be upgraded
- Existing roads to be maintained
- Electricity cable trench
- Proposed substation and BESS area
- Temporary construction compound
- Borrow pit
- Spoil management areas
- Met mast
- Cut area
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- Proposed woodland area
- Proposed wet grass area

KEY PLAN

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Date	Description	Chkd	Signed

Revisions

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web: www.hydroenvironmental.ie

Client: Carrow Renewable Energy Ltd

Job: Carrow Wind Farm
Co. Tipperary and Co. Limerick

Title: Proposed Drainage Layout

Figure No: D101

Drawing No: P1685-0-0326-A1-D101-00C	
Sheet Size: A1	Project No.: P1685-0
Scale: 1:2,000 (A1)	Drawn By: GA
Date: 24/03/2026	Checked By: MG

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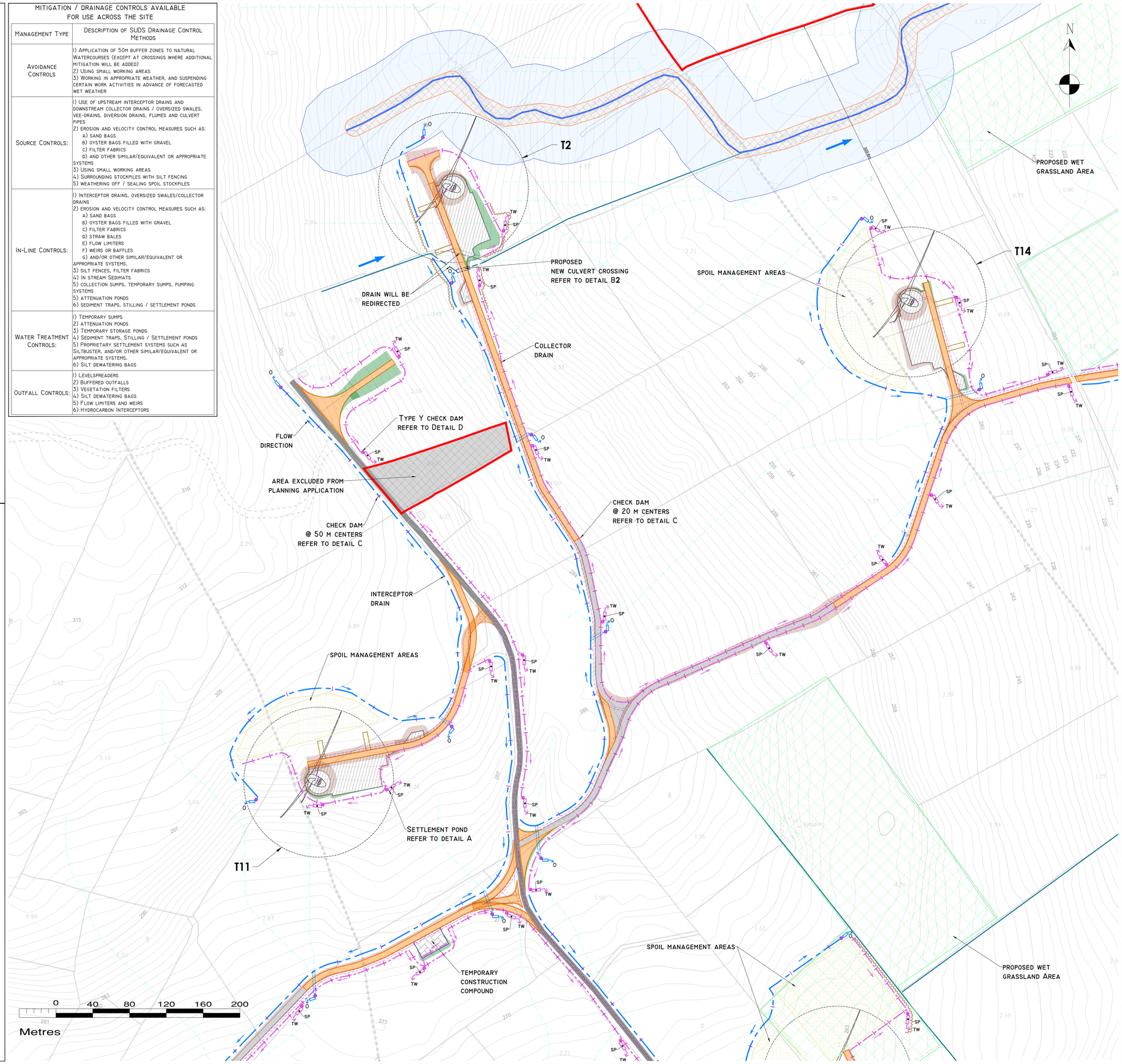
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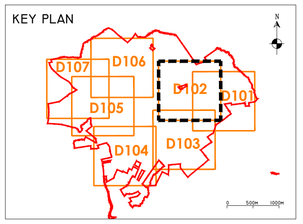
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Date	Description	Chkd	Signed

Revisions

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tel: +353 (0) 58-44244
email: info@hydroenvironmental.ie
web: www.hydroenvironmental.ie

Client: Carrow Renewable Energy Ltd

Job: Carrow Wind Farm
Co. Tipperary and Co. Limerick

Title: Proposed Drainage Layout

Figure No: D102

Drawing No: P1685-0-0326-A1-D102-00C	
Sheet Size: A1	Project No.: P1685-0
Scale: 1:2,000 (A1)	Drawn By: GA
Date: 24/03/2026	Checked By: MG

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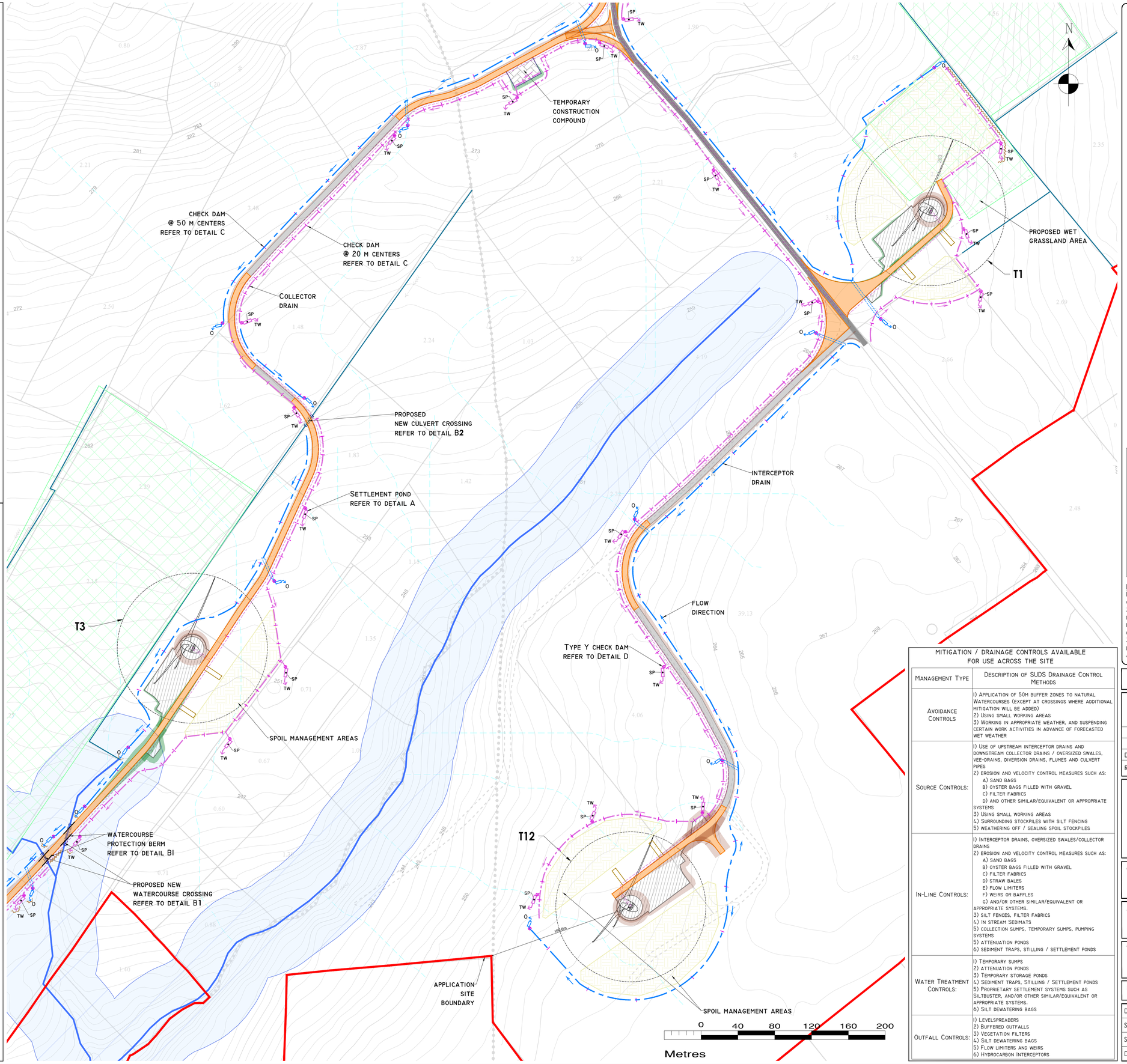
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- Watercourses
- Watercourses 50m buffer
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- Mapped drains
- Mapped drainage pathways >150m lenght*
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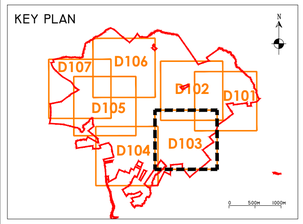
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KEY PLAN



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Source Controls:	1) Use of upstream interceptor drains and downstream collector drains / oversized swales, vee-drains, diversion drains, flumes and culvert pipes 2) erosion and velocity control measures such as: A) sand bags B) oyster bags filled with gravel C) filter fabrics D) and other similar/equivalent or appropriate systems 3) Using small working areas 4) Surrounding stockpiles with silt fencing 5) weathering off / sealing spoil stockpiles
In-Line Controls:	1) Interceptor drains, oversized swales/collector drains 2) erosion and velocity control measures such as: A) sand bags B) oyster bags filled with gravel C) filter fabrics D) straw bales E) flow limiters F) weirs or baffles G) and/or other similar/equivalent or appropriate systems. 3) silt fences, filter fabrics 4) In stream Sedimats 5) collection sumps, temporary sumps, pumping systems 5) attenuation ponds 6) sediment traps, stilling / settlement ponds
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4. All dimensions are in metres.

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Revisions

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Client: Carrow Renewable Energy Ltd

Job: Carrow Wind Farm
Co. Tipperary and Co. Limerick

Title: Proposed Drainage Layout

Figure No: DI03

Drawing No: P1685-0-0226-A1-D103-00C	
Sheet Size: A1	Project No.: P1685-0
Scale: 1:2,000 (A1)	Drawn By: GA
Date: 24/03/2026	Checked By: MG

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8. Vegetation will NOT be stripped from existing drains/ditches unless absolutely necessary.

Excavations

9. Where (temporary) deep excavations are proposed, cut-off drains will be used to reduce the amount of surface water entering the excavation. This will be the case around turbine base excavations.

Exposed Ground & Stockpiles

10. The amount of temporary exposed ground and temporary stockpiles open/exposed at any time will be minimised.

Site tracks

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13. Refuelling of mobile plant will be completed in designated refueling areas only, on an impermeable surface and away from field drains / ditches and watercourses/waterbodies.
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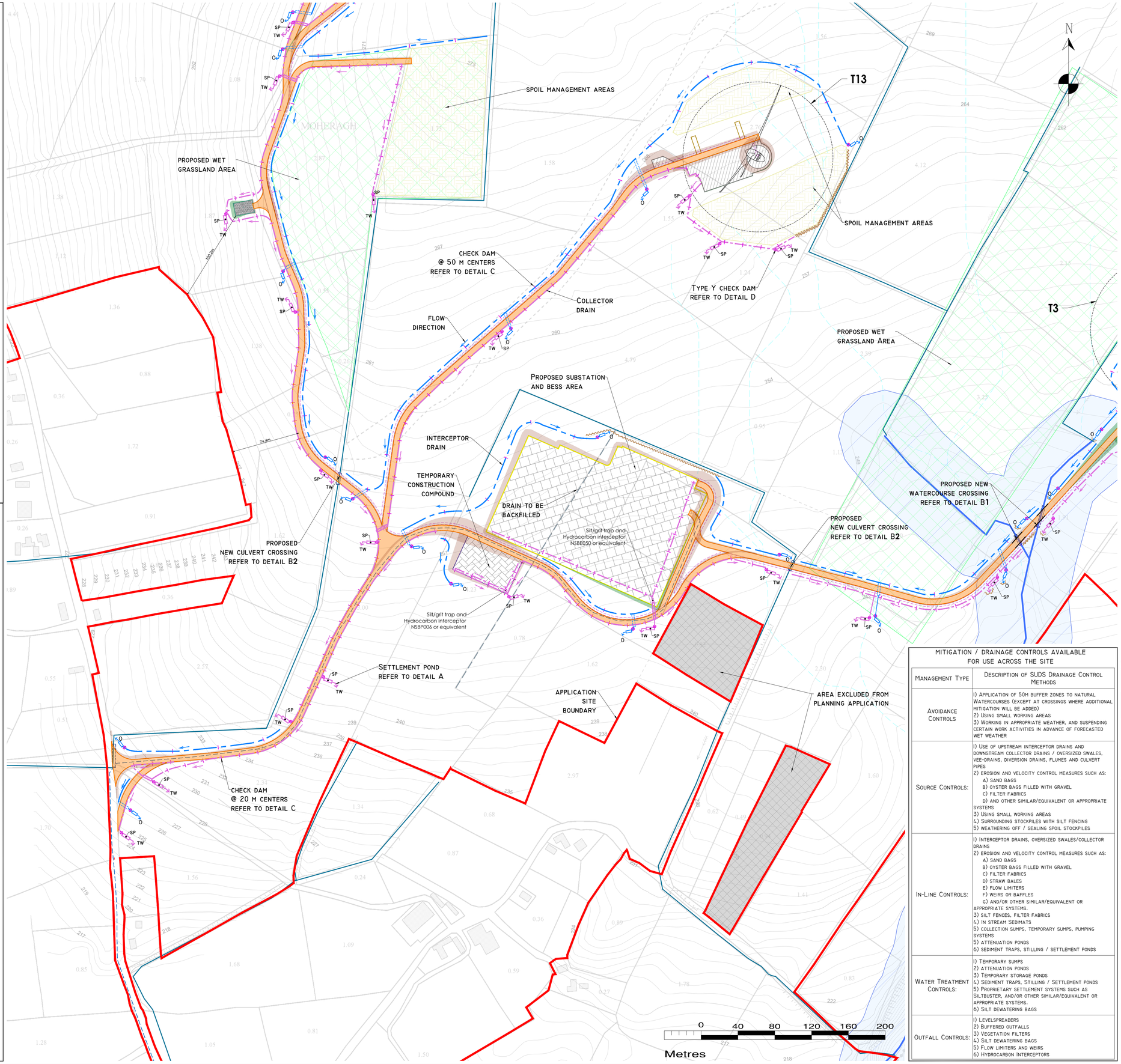
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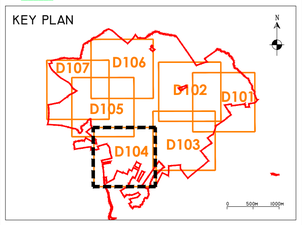
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KEY PLAN



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Date	Description	Chkd	Signed

Revisions

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web: www.hydroenvironmental.ie

Client: Carrow Renewable Energy Ltd

Job: Carrow Wind Farm
Co. Tipperary and Co. Limerick

Title: Proposed Drainage Layout

Figure No: D104

Drawing No: P1685-0-0226-A1-D104-00C	
Sheet Size: A1	Project No.: P1685-0
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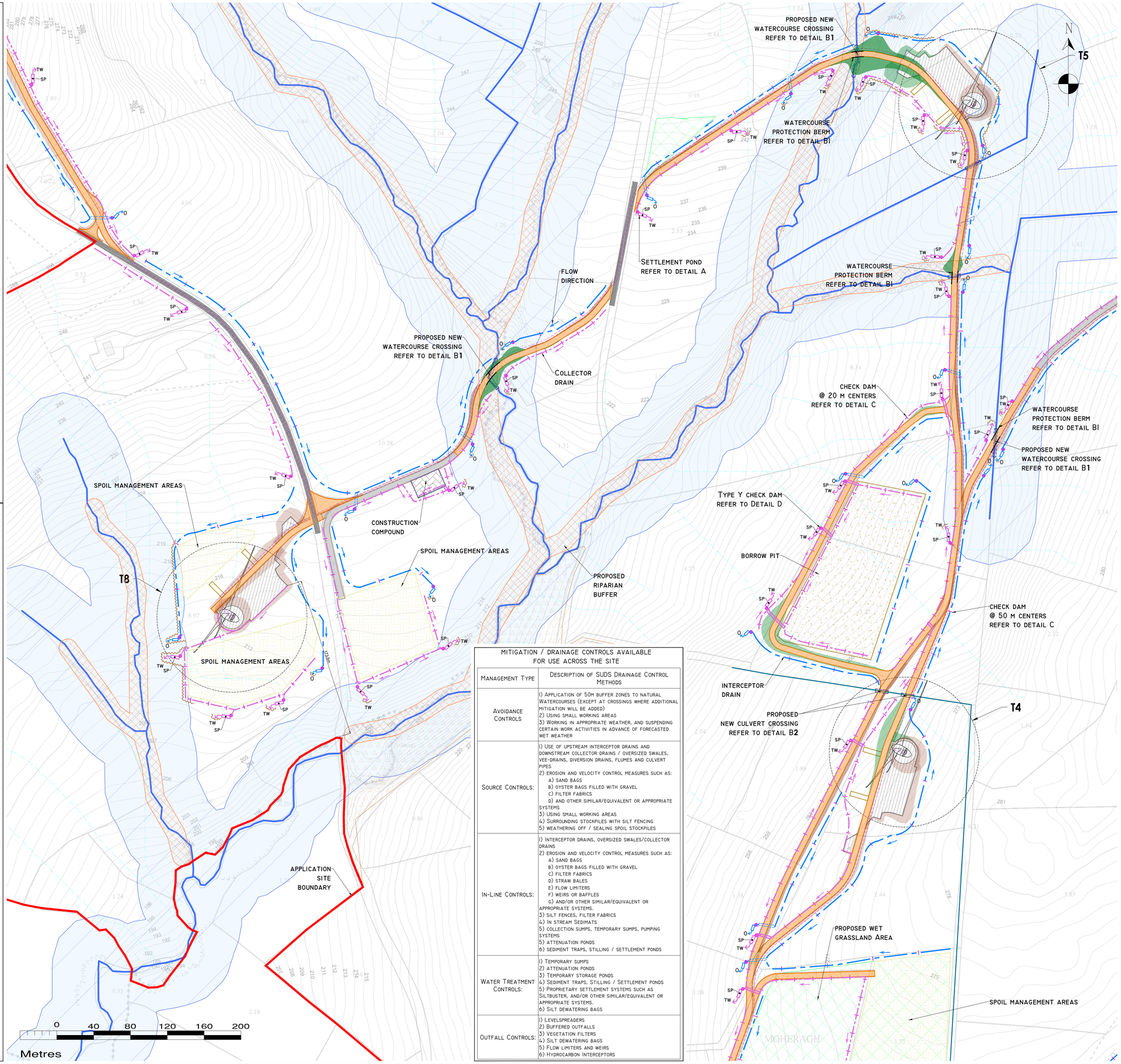
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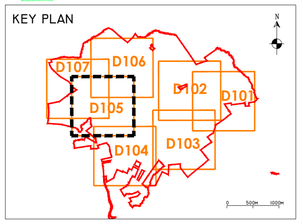
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- Mapped drains
- Mapped drainage pathways >150m lenght*
- * Potential drainage flowpaths are modelled based on LiDAR data and do not indicate the presence of a drain or watercourse ominated by recharge to ground.

Proposed Drainage
- Upstream Interceptor Drain
- Swales/Downstream Collector Drain
- Direction of flow
- Silt Fences
- Double/Triple Silt Fences
- Settlement Pond - Level Spreader
- Check Dam 'Type A'
- Check Dam 'Type B'
- Proposed WC crossing/culvert
- Existing WC crossing to be upgraded
- Interceptor Ditch Culvert
- Collector Ditch Culvert
- O Overland Flow Discharge
- TW Treated Water Discharge
- SP Settlement Pond
- VS Semi-Natural Vegetation Swale / Filter Bed /Secondary SP
- Pumping Sump

- Application site boundary
- Existing ground surface minor contour (1m interval)
- Existing ground surface major contour (10m interval)
- Turbine and swept area
- Turbine foundation
- Hardstand
- Proposed new roads
- Existing roads proposed to be upgraded
- Existing roads to be maintained
- Electricity cable trench
- Proposed substation and bess area
- Temporary construction compound
- Borrow pit
- Spoil management areas
- Met mast
- Cut area
- Fill area
- Proposed riparian buffer
- Proposed woodland area
- Proposed wet grass area

KEY PLAN



Drawing Notes

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Date	Description	Chkd	Signed
Revisions			

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Client: Carrow Renewable Energy Ltd

Job: Carrow Wind Farm
Co. Tipperary and Co. Limerick

Title: Proposed Drainage Layout

Figure No: D105

Drawing No: P1685-0-0226-A1-D105-00C	
Sheet Size: A1	Project No.: P1685-0
Scale: 1:2,000 (A1)	Drawn By: GA
Date: 24/03/2026	Checked By: MG

POLLUTION PREVENTION NOTES:

1. Site management proposals are intended to ensure protection against surface water and groundwater pollution, siltation and erosion.
2. Suitable drainage control measures will be in place at all times to prevent conveyance of significant volumes of silt to off site receiving watercourses.
3. Silty water can arise from dewatering excavations, erosion of exposed/disturbed ground, temporary stockpiles, plant and wheel wash, site roads/tracks, and disturbance of existing field drains and ditches.

Discharges

4. Water containing silt will not be discharged or pumped directly to any natural watercourse. All discharges will be made over open ground or into existing field drain with silt trap at a minimum of 20m from nearest watercourse unless otherwise stated.
5. No excavated material will be stored within any surface water buffer zone.
6. Pumped water will be directed into track side ditches and treated in settlement ponds and vegetation swales prior to overland discharge.
7. Pumping of clean water from excavations / or over-pumping in drains/ditches/streams will be completed in a manner that will not cause scour or erosion at the point of release/discharge. This will be done by reducing the flow velocities or by use of suitable splash plates, and/or other similar discharge controls.
8. Vegetation will NOT be stripped from existing drains/ditches unless absolutely necessary.

Excavations

9. Where (temporary) deep excavations are proposed, cut-off drains will be used to reduce the amount of surface water entering the excavation. This will be the case around turbine base excavations.

Exposed Ground & Stockpiles

10. The amount of temporary exposed ground and temporary stockpiles open/exposed at any time will be minimised.

Site Tracks

11. Use of track side swales with check dams, and/or filtration check dams will reduce silt in runoff water as required.
12. Check dams to be inspected and cleaned regularly.

Refueling

13. Refuelling of mobile plant will be completed in designated refueling areas only, on an impermeable surface and away from field drains / ditches and watercourses/waterbodies.
14. Spill kits and drip trays will be available on site for use as required.

Concrete

15. Concrete pours will be managed and supervised to ensure there will be no leakage/seepage/discharge of concrete or concrete water during the construction phase.
16. Concrete wash water, and waste concrete will be managed appropriately on site at a lined concrete wash out pit.

IF WATER POLLUTION IS IDENTIFIED THE FOLLOWING STEPS WOULD BE ADHERED TO:

STOP - work in the immediate area should be stopped and the source of the pollution identified.

CONTAIN - the source of the pollution should be bunded using a suitable method. Natural watercourses should be temporarily diverted around any source of pollution.

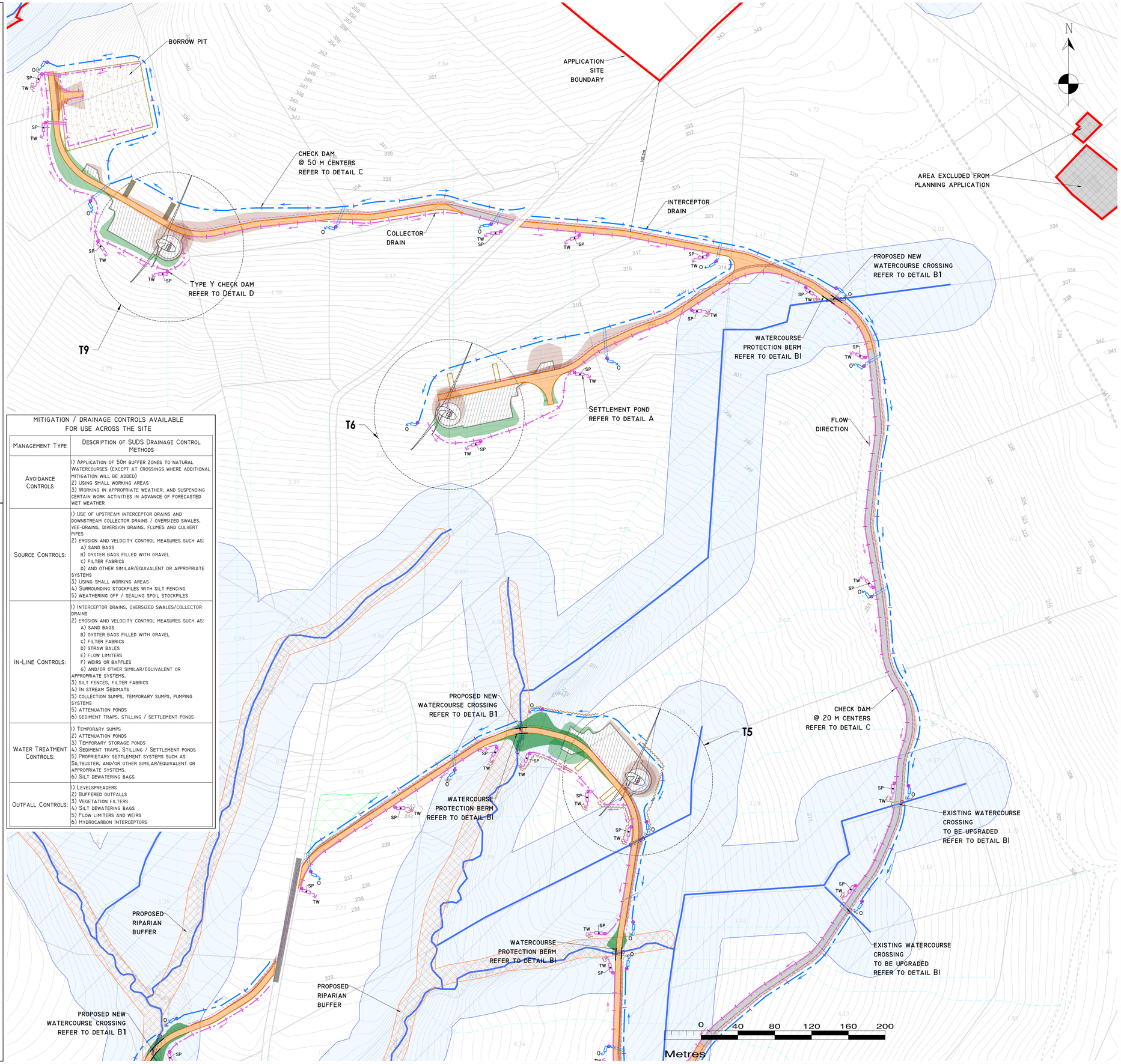
NOTIFY - The relevant authorities (Site Manager / Fisheries / NPWS / Local Authority etc.) should be notified immediately to ensure that measures can be implemented downstream to protect fisheries and other sensitive receptors.

DRAINAGE NOTES:

1. Site Tracks and Roadway surfacing design and construction to Engineer's Specification (i.e. by others).
2. Spare straw bales/silt fencing/ or similar, will be stored on site. The level of silt in runoff during construction is to be monitored visually and excessive silt levels in any area to be temporarily managed by placing silt fences, straw bales / or similar or additional check dams at the problem areas. Mobile siltbuster system to be available on-site for use as required also.
3. SUDS drainage system to be constructed prior to, or at the same time as the access tracks. Interim measures such as the placement of straw bales/silt fencing/or similar approved method or additional check dams and silt fences to be employed in all instances where work carried out to construct the access tracks is likely to cause adverse environmental effects through increased silt loadings being generated during the construction phase.
4. Suitable prevention measures will be in place at all times to prevent the conveyance of significant volumes of silt to receiving watercourses. See notes on pollution prevention.
5. Interceptor swales / ditches will be used to collect upstream surface water flows. Regular cross drains / discharge to field ditches/drains will be installed to transfer / discharge surface water in interceptor drains to suitable field drain outfall points.
6. Drainage swales / ditches to be excavated adjacent to the access tracks. Regular cross drains to be located along access tracks to prevent excessive volumes of water collecting in the swales / ditches. Optimum locations of cross drains to be agreed with the Engineer on site. Surface water will not be allowed to discharge directly into any existing watercourses.
7. A buffer zone of >20m to any existing watercourse will be required where over land discharges are proposed from access track swales / ditches. This buffer will not be possible at river/stream crossings, but other suitable controls are proposed in those areas (i.e. additional silt fencing).
8. Batters of all proposed swales / ditches to have a slope of between 1 : 1.5 to 1 : 2 depending upon depth of swale/ditch and will be left as cut to re-vegetate with local species.
9. Track side swales / ditches to be shallow with moderate gradients to prevent scouring. In steep areas check dams will be installed to reduce flow velocities and provide source control of silt containment. These have been designated in conjunction with settlement ponds and silt traps, prior to discharge.
10. Settlement ponds to be constructed for silt removal at turbine bases and hard stand areas. Pond sizes depend on the catchment area being served. Sample pond sizes for various catchment areas shown on Drawing D501.
11. Straw bales / or similar and silt fences to be used also around spoil heaps to mitigate silt runoff. Silt fences may be removed when suitable vegetation cover is established.
12. Silt fences to be provided along the edge of existing watercourses where works comes within <15m of edge of any ditch / drain / ephemeral channel.
13. Slopes of the swales / ditches to be vegetated or protected from erosion until vegetation has been established. Stripped vegetative layer (peat 'sod' or 'scraw') from excavations to be stored locally and used to line slopes and base of swales / ditches or longitudinal mounds of vegetation swales at field drain discharge points.
14. Areas stripped of vegetation will be kept to a minimum.
15. Clean stone flow control check dams to be made of locally won / geologically similar well graded stone. Aggregate size for stone check dams to be typically 20- 40mm clean stone. On sloping sections of the access tracks, 40mm check dams to be protected from washing away through the placement of 100m stone on the downhill face of the check dam and by wrapping in geotextile.
16. Build up of silt levels at check dams to be removed and disposed of appropriately. Silt levels at check dams to be visually inspected as part of an ongoing drainage maintenance programme during the construction phase. Where check dams become clogged with silt or vegetation, stone check dam to be removed and replaced subsequent to the removal of silt.
17. Spacing and frequency of check dams will be dependent upon longitudinal gradient of swale.
18. Location of filtration check dams (if required) to be agreed on site with Engineer. Settlement ponds to be constructed in a manner where they may be easily infilled at a later date (post completion of the turbine base and hardstand construction). Only suitable materials excavated from the pond to be used to form part of the embankment around the pond.
19. Oil fuel will only be stored within bunded containment structures.
20. Temporary use of silt bags will be used on site where pumping from excavations is required.

MITIGATION / DRAINAGE CONTROLS AVAILABLE FOR USE ACROSS THE SITE

Management Type	Description of SUDS Drainage Control Methods
Avoidance Controls	1) Application of 50m buffer zones to natural Watercourses (except at crossings where additional mitigation will be added) 2) Using small working areas 3) Working in appropriate weather, and suspending certain work activities in advance of forecasted wet weather
Source Controls:	1) Use of upstream interceptor drains and downstream collector drains / oversized swales, vee-drains, diversion drains, flumes and culvert pipes 2) Erosion and velocity control measures such as: A) Sand bags B) Oyster bags filled with gravel C) Filter fabrics D) And other similar/equivalent or appropriate systems 3) Using small working areas 4) Surrounding stockpiles with silt fencing 5) Weathering off / sealing spoil stockpiles
In-Line Controls:	1) Interceptor drains, oversized swales/collector drains 2) Erosion and velocity control measures such as: A) Sand bags B) Oyster bags filled with gravel C) Filter fabrics D) Straw bales E) Flow limiters F) Weirs or baffles G) And/or other similar/equivalent or appropriate systems. 3) Silt fences, filter fabrics 4) In stream Sedimats 5) Collection sumps, temporary sumps, pumping systems 5) Attenuation ponds 6) Sediment traps, stilling / settlement ponds
Water Treatment Controls:	1) Temporary sumps 2) Attenuation ponds 3) Temporary storage ponds 4) Sediment traps, Stilling / Settlement ponds 5) Proprietary settlement systems such as Siltbuster, and/or other similar/equivalent or appropriate systems. 6) Silt dewatering bags
Outfall Controls:	1) Levelspreaders 2) Buffered outfalls 3) Vegetation filters 4) Silt dewatering bags 5) Flow limiters and weirs 6) Hydrocarbon Interceptors



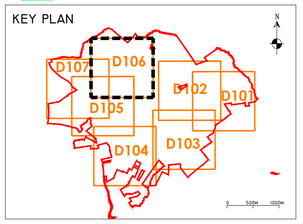
DRAWING LEGEND :

Existing Drainage
- Watercourses
- Watercourses 50m buffer
- Redirected watercourse
- Stream flow direction
- Mapped drains
- Mapped drainage pathways >150m lenght*
- * Potential drainage flowpaths are modelled based on LiDAR data and do not indicate the presence of a drain or watercourse ominated by recharge to ground.

Proposed Drainage
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Revisions

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Client: Carrow Renewable Energy Ltd

Job: Carrow Wind Farm
Co. Tipperary and Co. Limerick

Title: Proposed Drainage Layout

Figure No: D106

Drawing No: P1685-0-0226-A1-D106-00C	
Sheet Size: A1	Project No.: P1685-0
Scale: 1:2,000 (A1)	Drawn By: GA
Date: 24/03/2026	Checked By: MG

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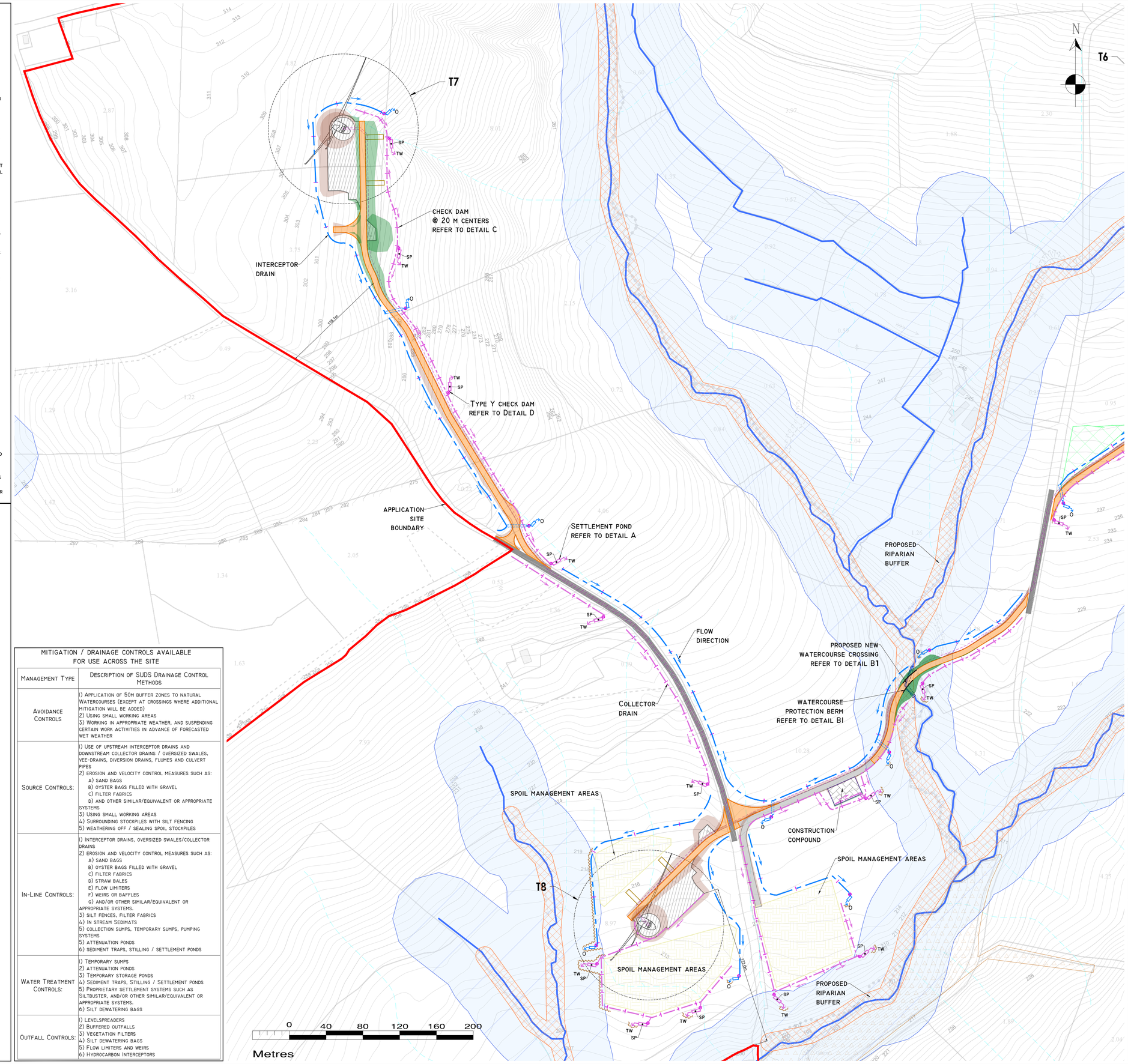
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Management Type	Description of SUDS Drainage Control Methods
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Outfall Controls:	1) Levelspreaders 2) Buffered outfalls 3) Vegetation filters 4) Silt dewatering bags 5) Flow limiters and weirs 6) Hydrocarbon Interceptors



DRAWING LEGEND :

- WATERCOURSES
- WATERCOURSES 50m BUFFER
- REDIRECTED WATERCOURSE
- STREAM FLOW DIRECTION
- MAPPED DRAINS
- MAPPED DRAINAGE PATHWAYS >150m LENGHT*
- * POTENTIAL DRAINAGE FLOWPATHS ARE MODELLED BASED ON LIDAR DATA AND DO NOT INDICATE THE PRESENCE OF A DRAIN OR WATERCOURSE OMINATED BY RECHARGE TO GROUND.

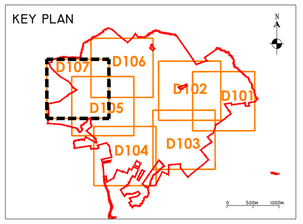
(Existing Drainage)

- UPSTREAM INTERCEPTOR DRAIN
- SWALES/DOWNSTREAM COLLECTOR DRAIN
- DIRECTION OF FLOW
- SILT FENCES
- DOUBLE/TRIPLE SILT FENCES
- SETTLEMENT POND - LEVEL SPREADER
- CHECK DAM 'TYPE A'
- CHECK DAM 'TYPE B'
- PROPOSED WC CROSSING/CULVERT
- EXISTING WC CROSSING TO BE UPGRADED
- INTERCEPTOR DITCH CULVERT
- COLLECTOR DITCH CULVERT
- O OVERLAND FLOW DISCHARGE
- TW TREATED WATER DISCHARGE
- SP SETTLEMENT POND
- VS SEMI-NATURAL VEGETATION SWALE / FILTER BED /SECONDARY SP
- PUMPING SUMP

(Proposed Drainage)

- APPLICATION SITE BOUNDARY
- EXISTING GROUND SURFACE MINOR CONTOUR (1M INTERVAL)
- EXISTING GROUND SURFACE MAJOR CONTOUR (10M INTERVAL)
- TURBINE AND SWEPT AREA
- TURBINE FOUNDATION
- HARDSTAND
- PROPOSED NEW ROADS
- EXISTING ROADS PROPOSED TO BE UPGRADED
- EXISTING ROADS TO BE MAINTAINED
- ELECTRICITY CABLE TRENCH
- PROPOSED SUBSTATION AND BESS AREA
- TEMPORARY CONSTRUCTION COMPOUND
- BORROW PIT
- SPOIL MANAGEMENT AREAS
- MET MAST
- CUT AREA
- FILL AREA
- PROPOSED RIPARIAN BUFFER
- PROPOSED WOODLAND AREA
- PROPOSED WET GRASS AREA

KEY PLAN



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Date	Description	Chkd	Signed
Revisions			

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Client: Carrow Renewable Energy Ltd

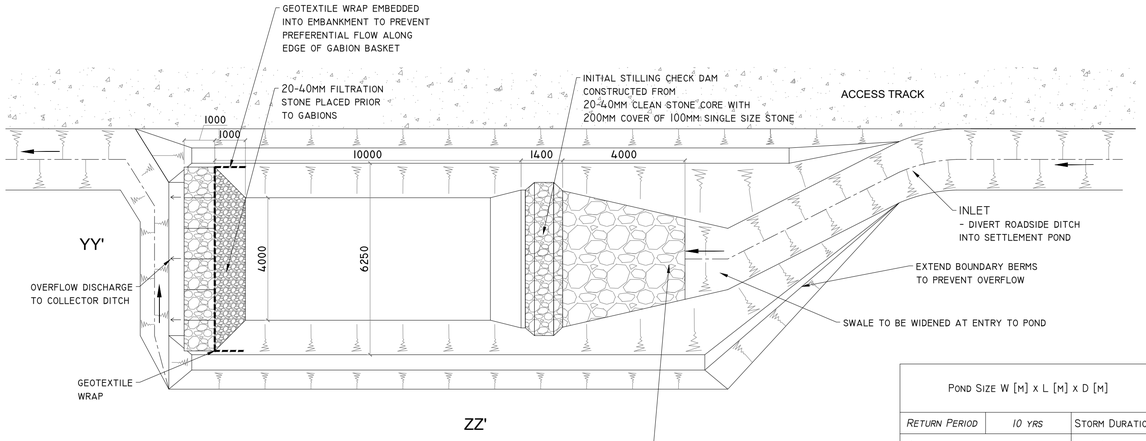
Job: Carrow Wind Farm
Co. Tipperary and Co. Limerick

Title: Proposed Drainage Layout

Figure No: DI07

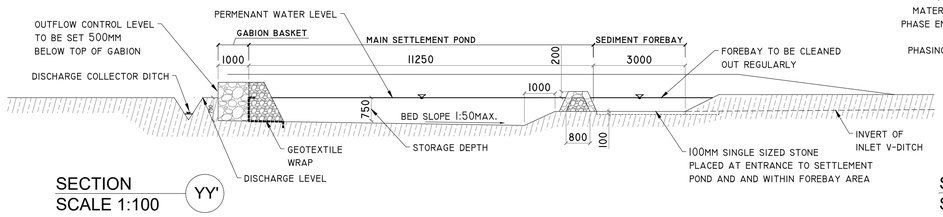
Drawing No: P1685-0-0226-A1-D107-00C	
Sheet Size: A1	Project No.: P1685-0
Scale: 1:2,000 (A1)	Drawn By: GA
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DETAIL AI

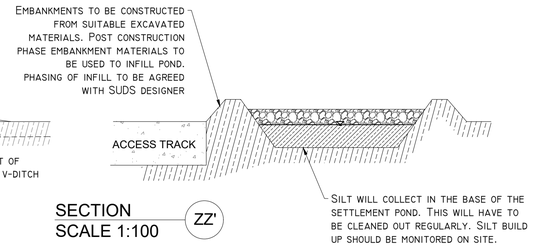


TYPE A - ROAD SIDE SETTLEMENT POND DETAIL
SCALE 1:100 (NOTE DIMENSIONS VARY DEPENDING ON CATCHMENT SIZE - SEE ATTACHED TABLE)

Pond Size W [m] x L [m] x D [m]			track/hardstand Catchment Size (m^2)			Borrow Pit	
Return Period	*10 yrs*	Storm Duration	500	1000	2000	BP-1 16904m^2	BP-2 12714m^2
6hr retention for coarse silt		6 hrs	2.5 x 8.5 x 1 m	3.7 x 13.0 x 1 m	6.3 x 21.5 x 1 m	-	-
11hr retention for medium silt		12 hrs	3.5 x 12.0 x 1 m	5.3 x 18 x 1 m	8.8 x 31.0 x 1 m	-	-
24hr retention for fine silt		24 hrs	5.0 x 17 x 1 m	7.5 x 25.5 x 1 m	12.6 x 43.0 x 1 m	40 x 115 x 1 m	32 x 64.0 x 1m



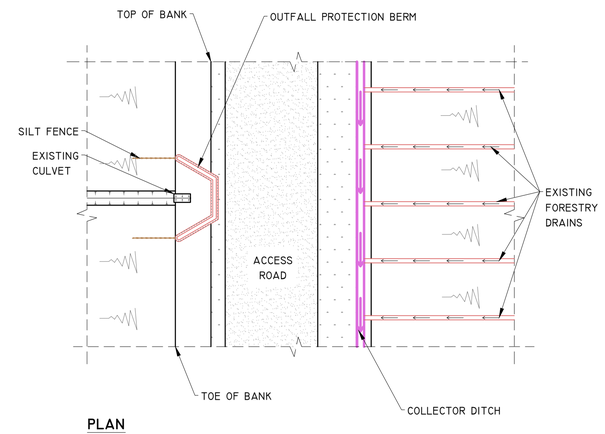
SECTION YY'
SCALE 1:100



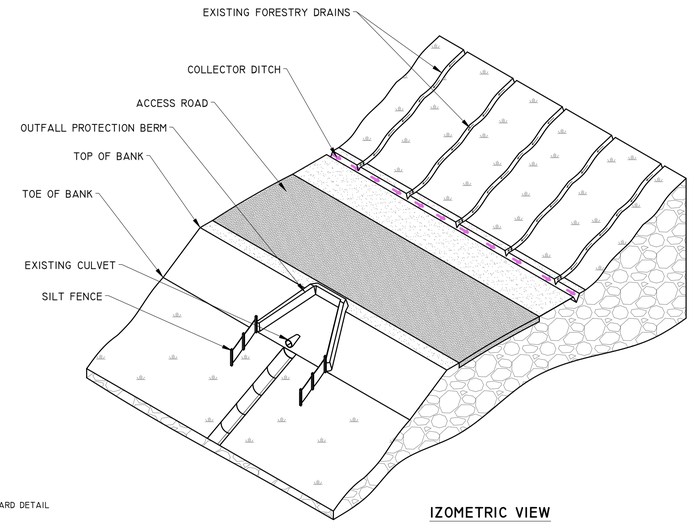
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DETAIL B3

CULVERT - OUTFALL PROTECTION DETAIL
SCHEMATIC - NOT TO SCALE

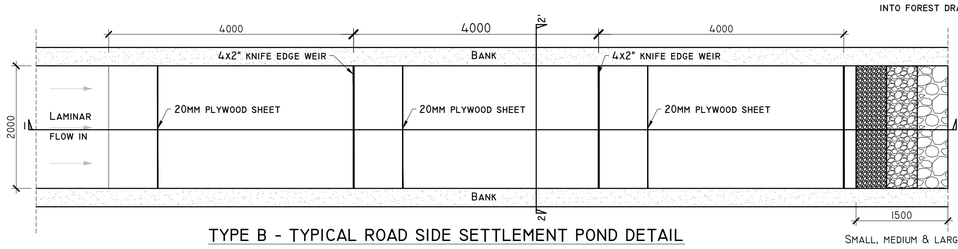


PLAN

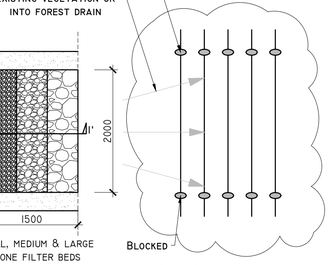


IZOMETRIC VIEW

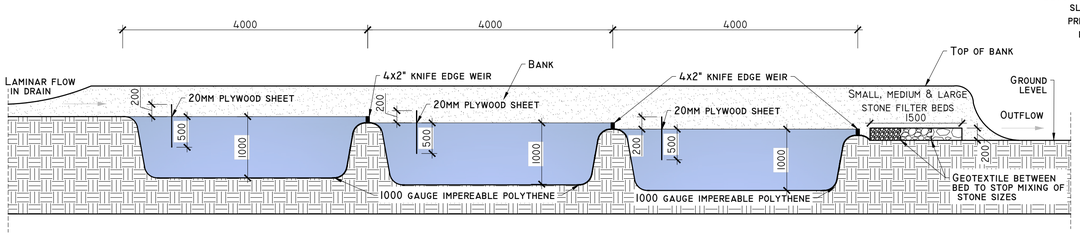
DETAIL A2

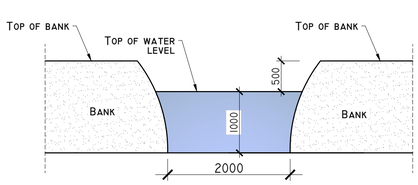


TYPE B - TYPICAL ROAD SIDE SETTLEMENT POND DETAIL
SCALE 1:200 (NOTE DIMENSIONS VARY DEPENDING ON CATCHMENT SIZE - SEE ATTACHED TABLE)



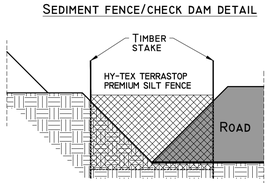
BLOCK 5 FORESTRY DRAINS DOWN SLOPE OF A OUTLET TO PREVENT POLLUTION TO REVEIVING WATERS



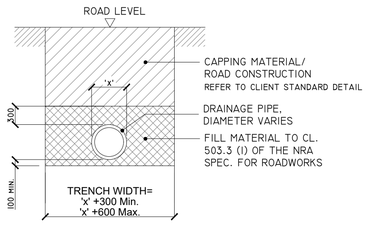


SECTION 22'

SECTION 11'
SEDIMENT FENCE/CHECK DAM DETAIL



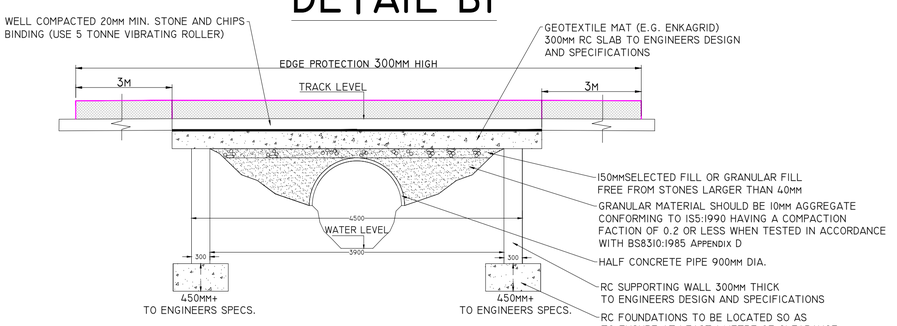
DETAIL B2



'TYPE B' CULVERT - DRAINAGE CROSSING BENEATH EXCAVATED ROAD

SCALE 1:50

DETAIL BI



'TYPE A' TYPICAL SECTION OF STREAM BOTTOMLESS CULVERT THRU' ROAD (WHERE APPLICABLE)

SCALE 1:50

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Revisions			

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Client: Carrow Renewable Energy Ltd

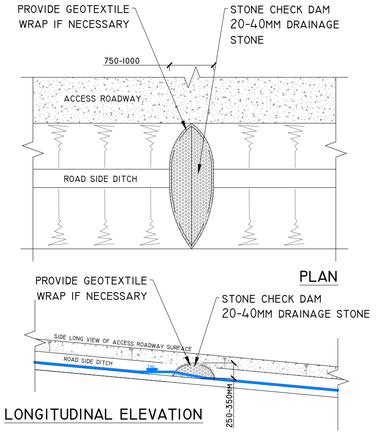
Job: Carrow Wind Farm
Co. Tipperary and Co. Limerick

Title: Drainage Details 1

Figure No: D501

Drawing No: P1685-0-0326-A1-D501-00A	
Sheet Size: A1	Project No.: P1685-0
Scale: as shown (A1)	Drawn By: GA
Date: 05/03/2026	Checked By: MG

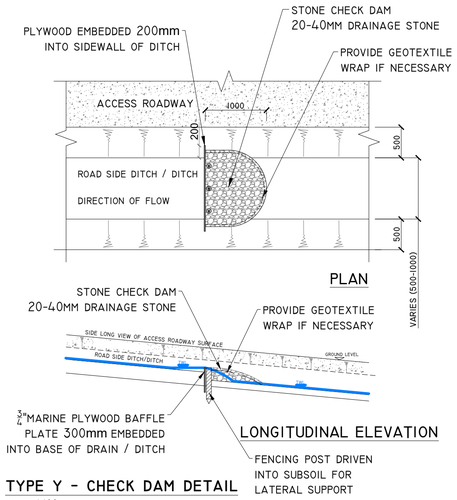
DETAIL C



TYPE X - CHECK DAM DETAIL

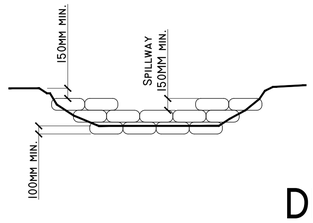
SCALE 1:50

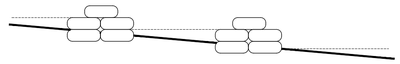
DETAIL D



TYPE Y - CHECK DAM DETAIL

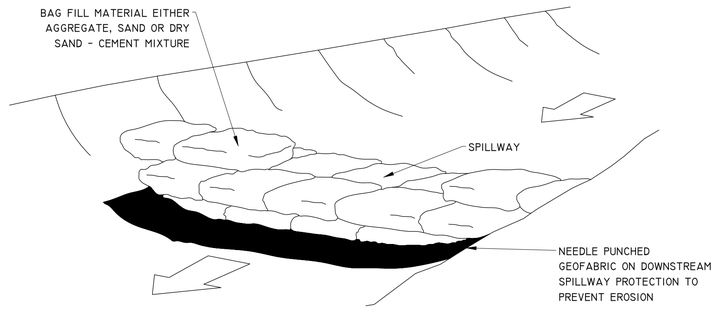
SCALE 1:100





NOTE: SPACING OF CHECK DAMS ALONG CENTRELINE AND SCOUR PROTECTION BELOW EACH CHECK DAM

DETAIL CI



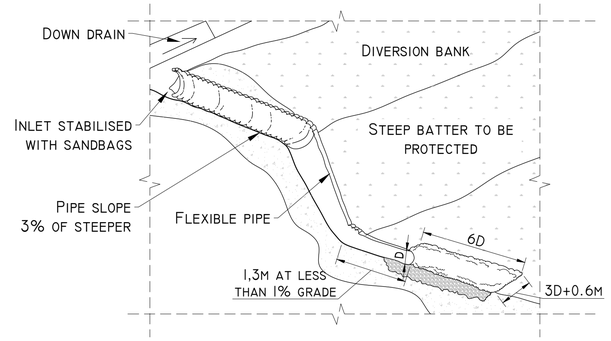
TEMPORARY CHECK DAM / SETTLEMENT POND OVERFLOW SAND FILLED BAG CONSTRUCTION

SCHEMATIC - NOT TO SCALE

DETAIL E

TYPICAL PIPE SPILLWAY DETAIL

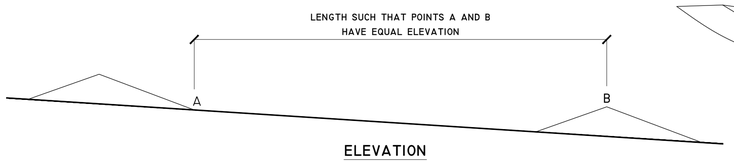
SCHEMATIC - NOT TO SCALE



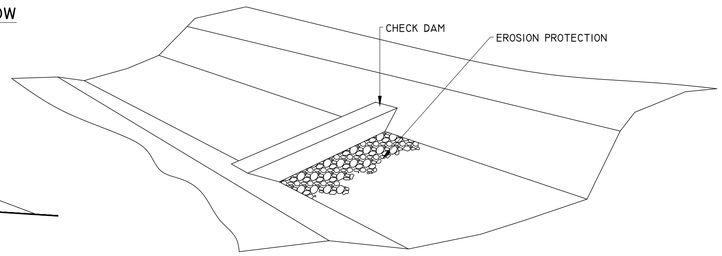
DETAIL C2

TEMPORARY CHECK DAM / SETTLEMENT POND OVERFLOW

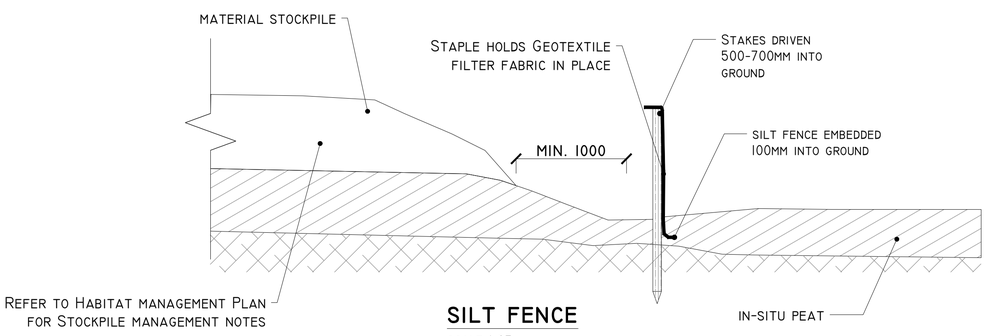
SCHEMATIC - NOT TO SCALE



ELEVATION



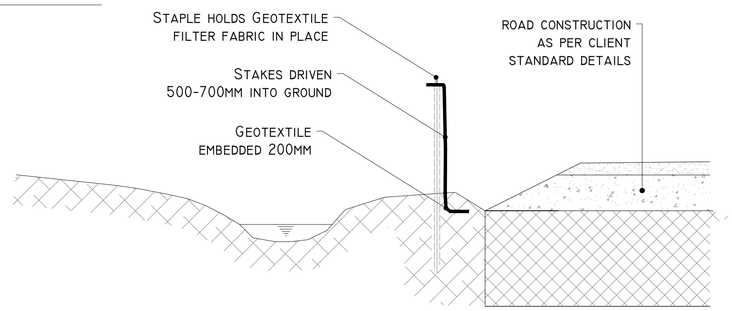
DETAIL F-I



SILT FENCE

SCALE 1:25

DETAIL F-II



SILT FENCE FOR WATERCOURSE PROTECTION

SCALE 1:25

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Date	Description	Chkd	Signed

Revisions

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Client: Carrow Renewable Energy Ltd

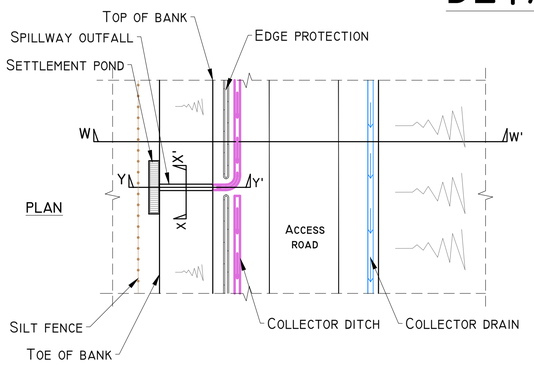
Job: Carrow Wind Farm
Co. Tipperary and Co. Limerick

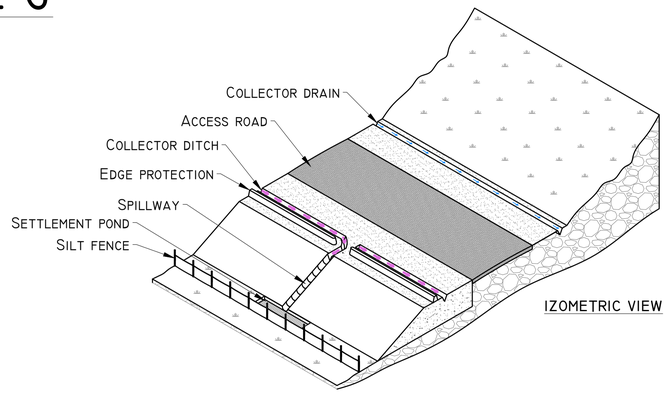
Title: Drainage Details 2

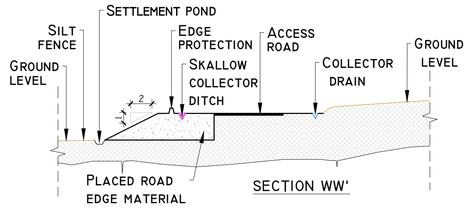
Figure No: D502

Drawing No: P1685-0-0326-A1-D502-00B	
Sheet Size: A1	Project No.: P1685-0
Scale: as shown (A1)	Drawn By: GA
Date: 09/03/2026	Checked By: MG

DETAIL G





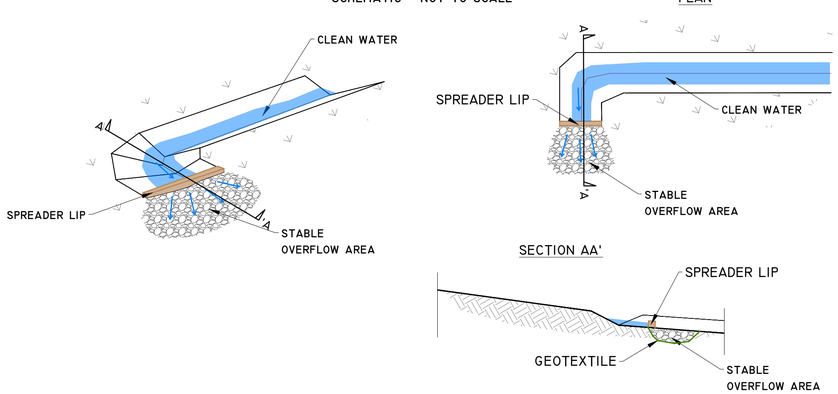


SPILLWAY OUTFALL PLAN
SCHEMATIC - NOT TO SCALE

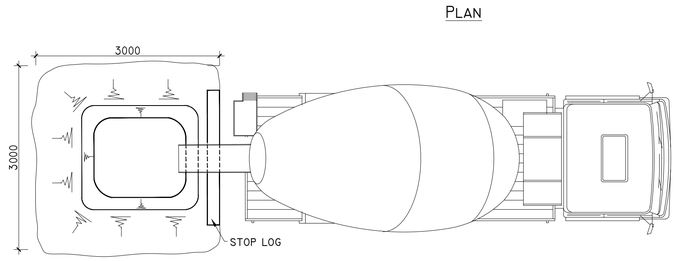
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DETAIL J-1

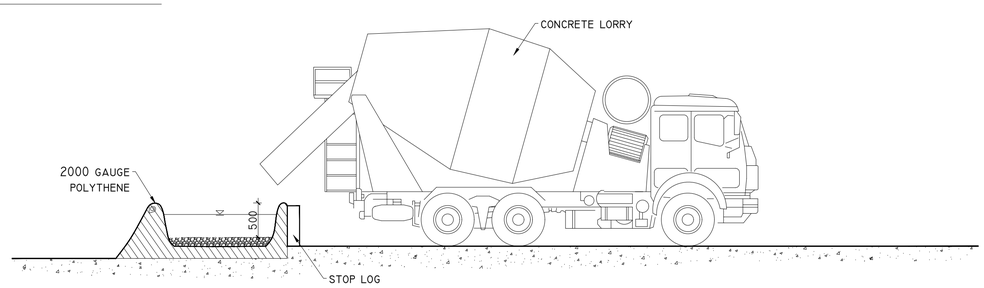
LEVEL SPREADER DETAIL
SCHEMATIC - NOT TO SCALE



TEMPORARY CONCRETE WASH OUT PIT
SCALE 1:50

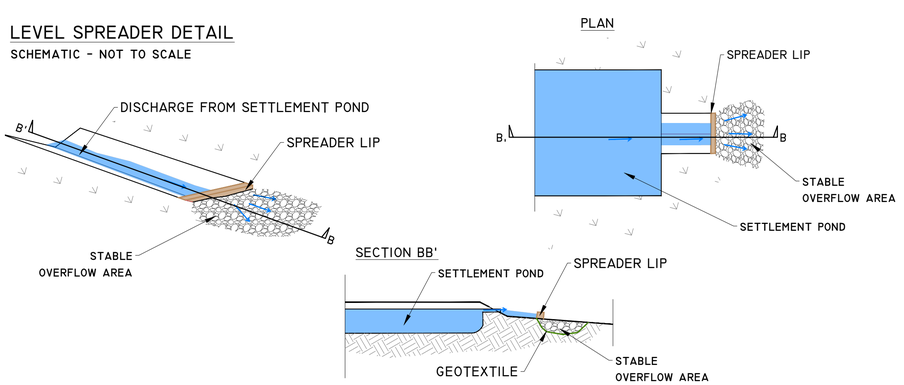


DETAIL H



DETAIL J-2

LEVEL SPREADER DETAIL
SCHEMATIC - NOT TO SCALE



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Revisions			

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Co. Tipperary and Co. Limerick

Title: Drainage Details 3

Figure No: D503

Drawing No: P1685-0-0326-A1-D503-00A	
Sheet Size: A1	Project No.: P1685-0
Scale: as shown (A1)	Drawn By: GA
Date: 05/03/2026	Checked By: MG