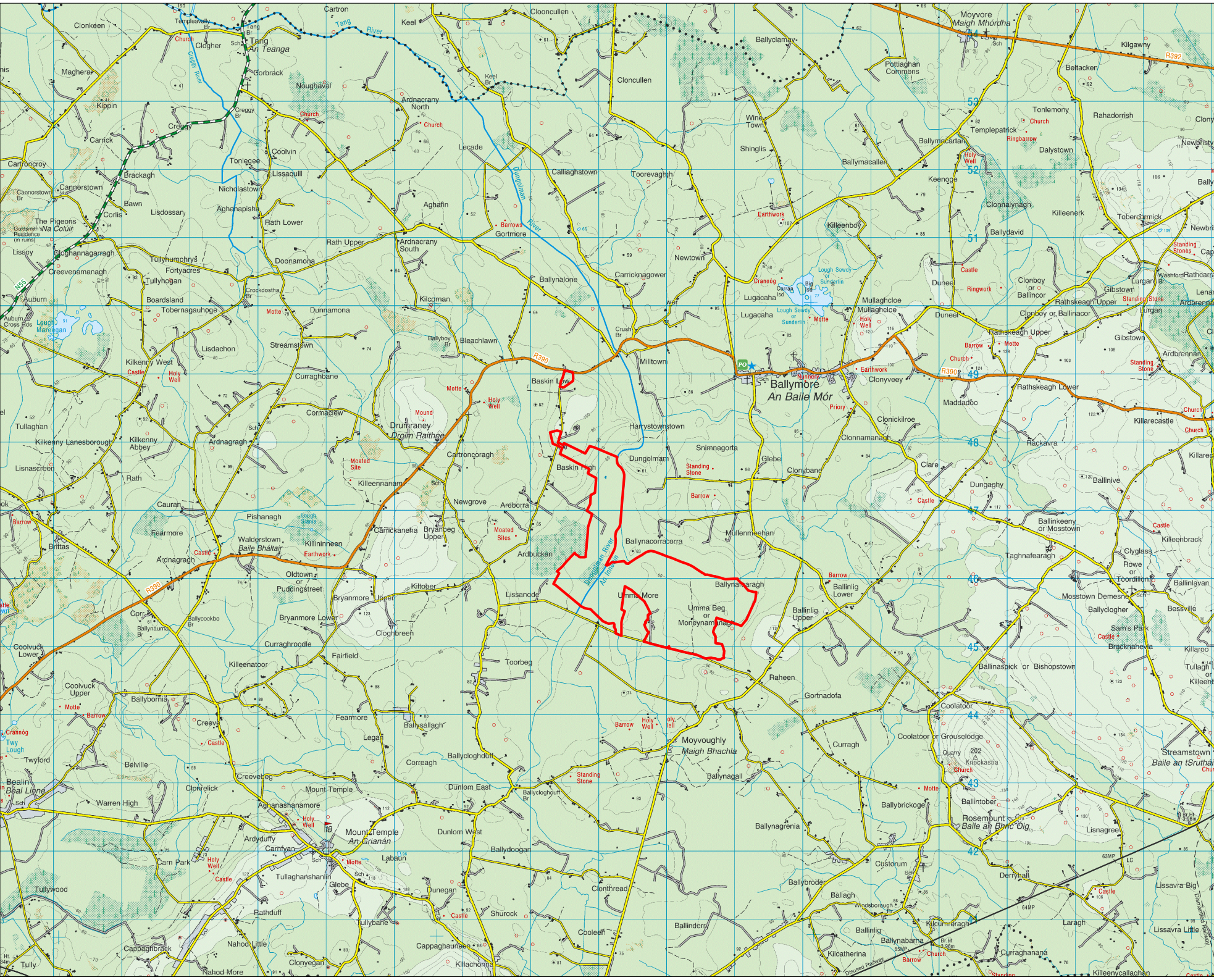




## APPENDIX 6

### **DETAILED DESIGN DRAWINGS**





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

**Drawing Legend**

— Planning Application Boundary

**Location Context Map**

DRAWING TITLE: Umma More Renewable Energy Development, Co. Westmeath

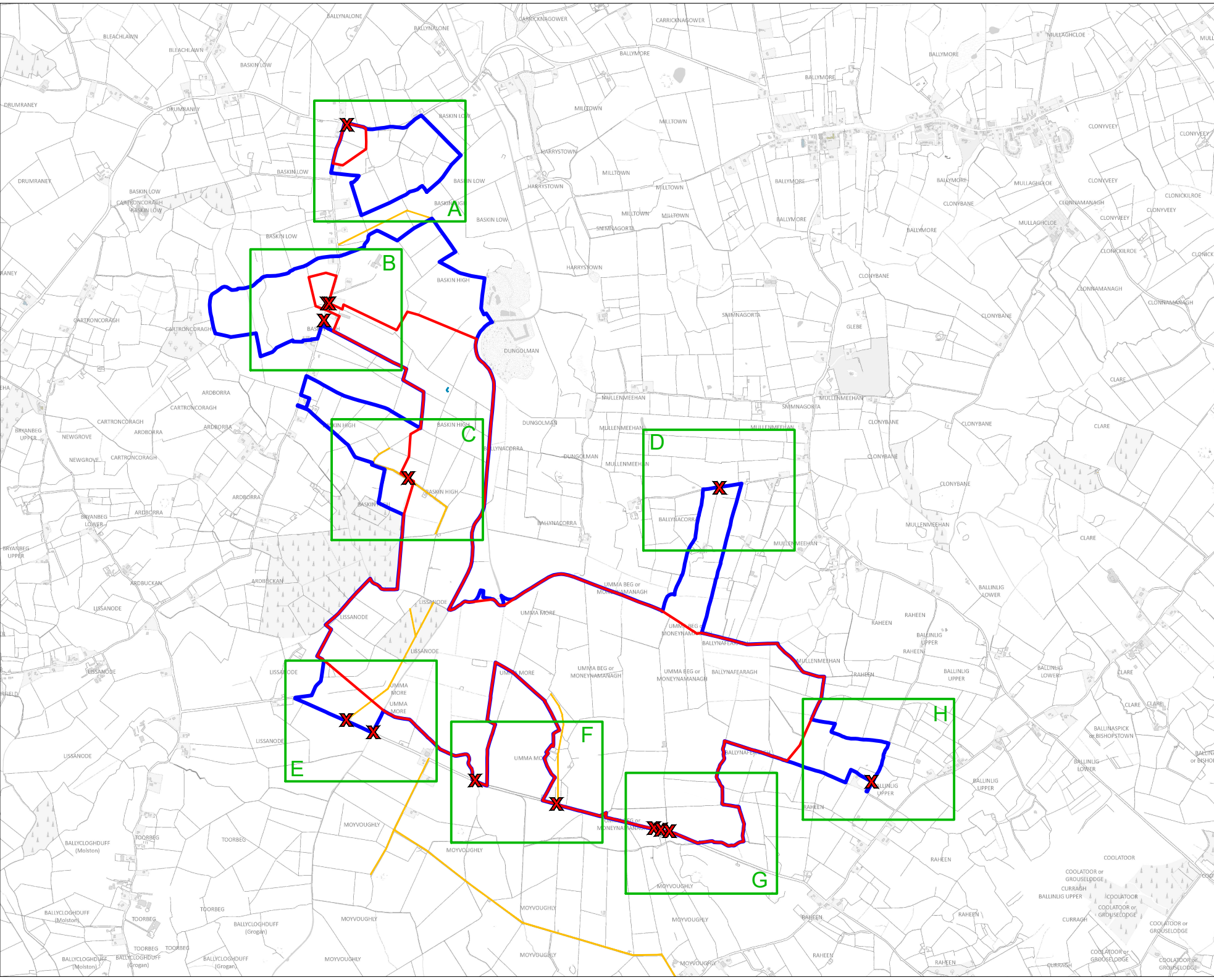
PROJECT NO: 201050	DRAWING NO: 201050 - 01
DRAWING BY: Joseph O'Brien	CHECKED BY: Ellen Costello
SCALE: 1:50,000 @ A3	DATE: 06.03.2023
JOB SHEET NO: OS2024, OS2224	

**MKO**  
Planning and Environmental Consultants  
Tuan Road, Galway  
Ireland, H91 VW84  
+353 (0)91 725661  
email: info@www.mkoireland.ie  
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  7. Layout plans show 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



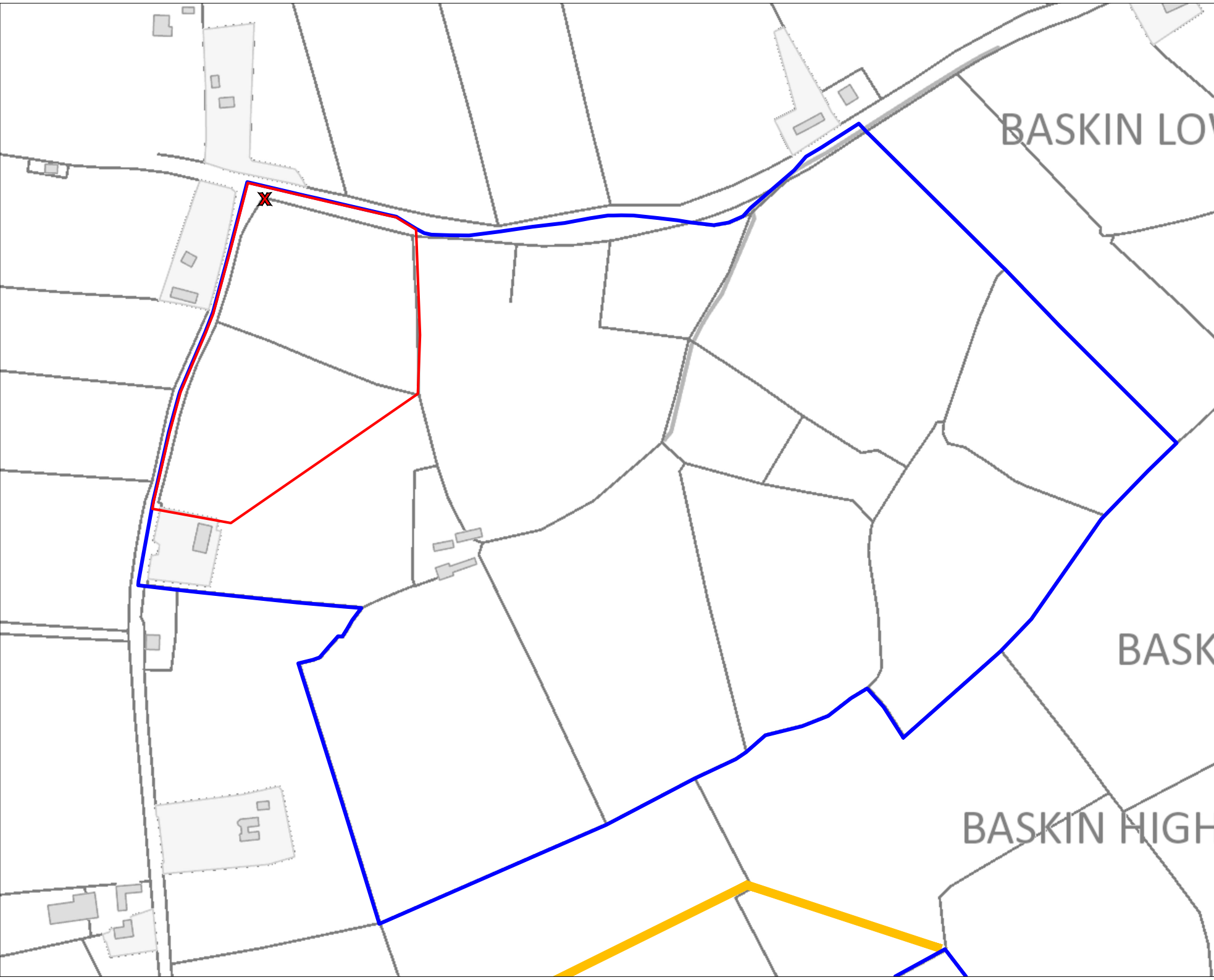
**Site Location Map**

PROJECT TITLE: <b>Umma More Renewable Energy Development, Co. Westmeath</b>	
DRAWING BY: <b>Joseph O'Brien</b>	CHECKED BY: <b>Ellen Costello</b>
PROJECT No.: <b>201050</b>	DRAWING No.: <b>201050 - 02</b>
SCALE: <b>1:20,000 @ A3</b>	DATE: <b>06.03.2023</b>
QS SHEET No.: <b>2900, 2901, 2969, 2970</b>	



**MKO**  
Planning and  
Environmental  
Consultants  
Tuan Road, Galway  
Ireland, H91 VW84  
+353 (0)91 725661  
email: info@mkoirland.ie  
Website: www.mkoirland.ie

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7. Layout plans show 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

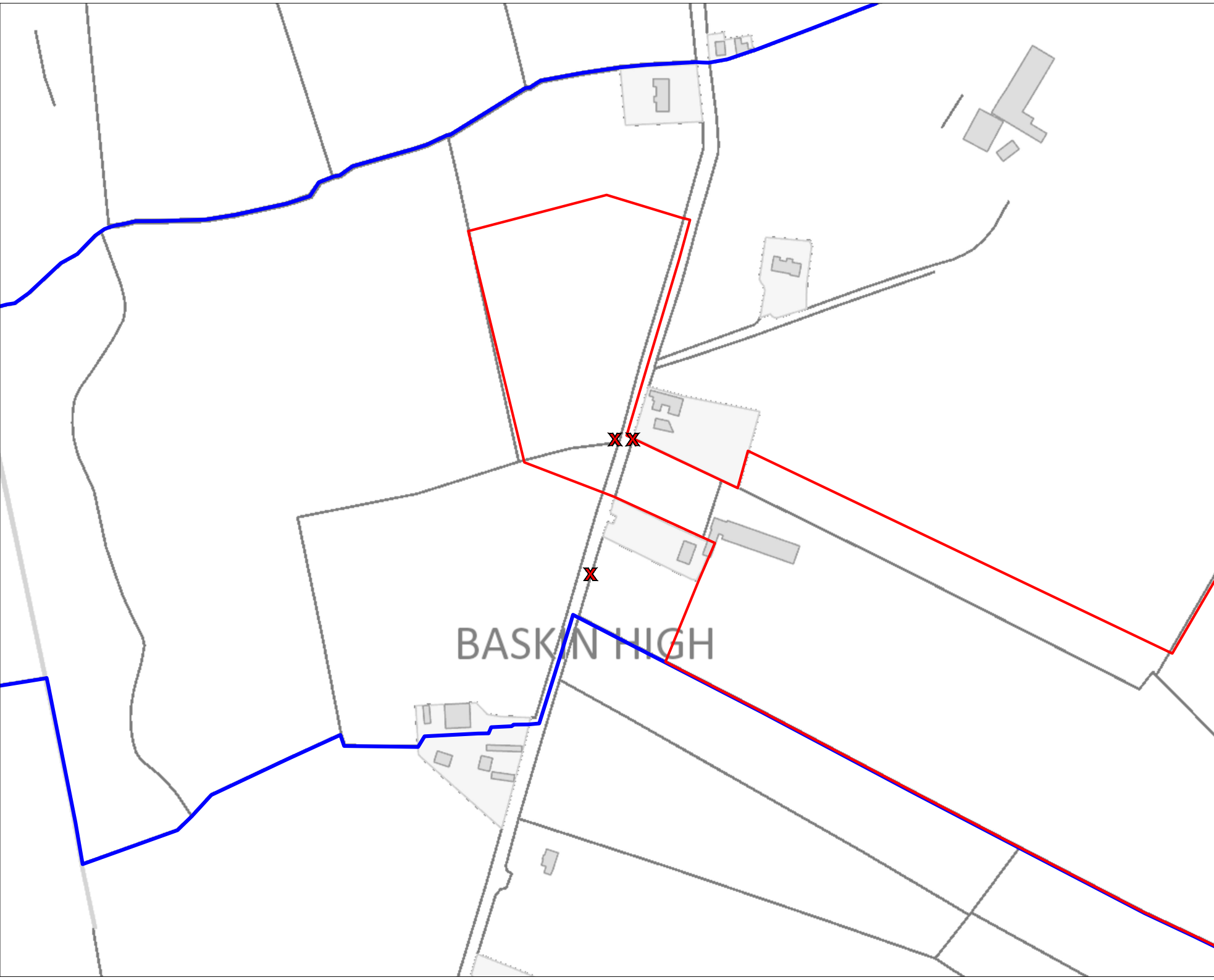


DRAWING TITLE	
<b>Site Location Map Sheet A</b>	
PROJECT TITLE	
<b>Umma More Renewable Energy Development, Co. Westmeath</b>	
DRAWING BY	DRAWING BY
<b>Joseph O'Brien</b>	<b>Ellen Costello</b>
PROJECT NO.	DRAWING NO.
<b>201050</b>	<b>201050 - 02A</b>
SCALE	DATE
<b>1:2,500 @ A3</b>	<b>06.03.2023</b>
OS SHEET NO.	
2900, 2901, 2969, 2970	



**MKO**  
Planning and  
Environmental  
Consultants  
Tuam Road, Galway  
Ireland, H91 VW84  
+353 (0)91 715611  
email: info@www.mkoireland.ie  
Website: www.mkoireland.ie





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7. Layout plans show 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

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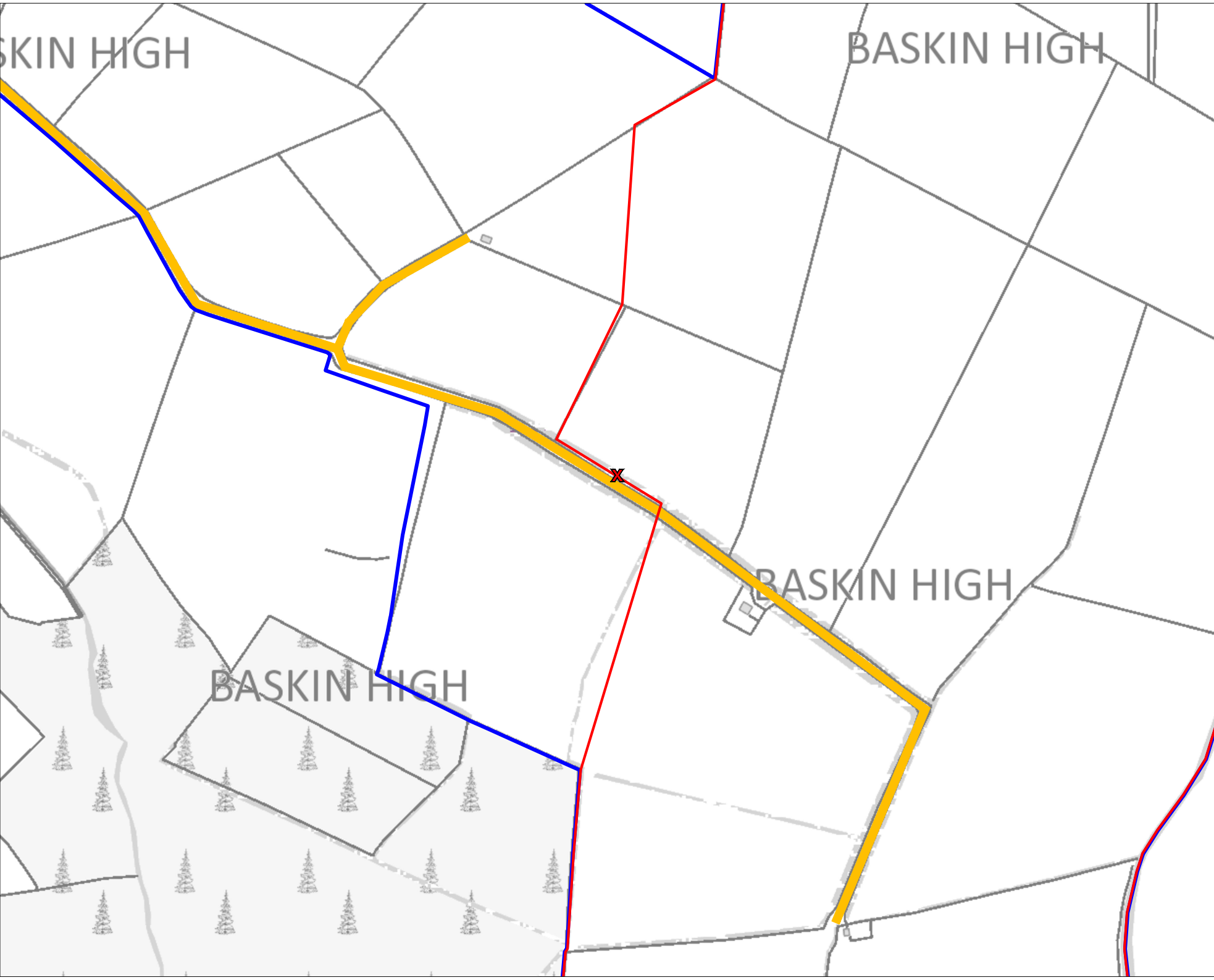
N

DRAWING TITLE	
Site Location Map Sheet B	
PROJECT TITLE	
Umma More Renewable Energy Development, Co. Westmeath	
DRAWING BY	DRAWING BY
Joseph O'Brien	Ellen Costello
PROJECT NO.	DRAWING NO.
201050	201050 - 02B
SCALE	DATE
1:2,500 @ A3	06.03.2023
JOB SHEET NO.	
2900, 2901, 2969, 2970	



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Planning and Environmental Consultants  
Tuam Road, Galway  
Ireland, H91 VW84  
+353 (0)91 715661  
email: info@www.mkoireland.ie  
Website: www.mkoireland.ie





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7. Layout plans show 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

**Site Location Map Sheet C**

PROJECT TITLE: **Umma More Renewable Energy Development, Co. Westmeath**

DRAWING BY: **Joseph O'Brien** CHECKED BY: **Ellen Costello**

PROJECT NO: **201050** DRAWING NO: **201050 - 02C**

SCALE: **1:2,500 @ A3** DATE: **06.03.2023**

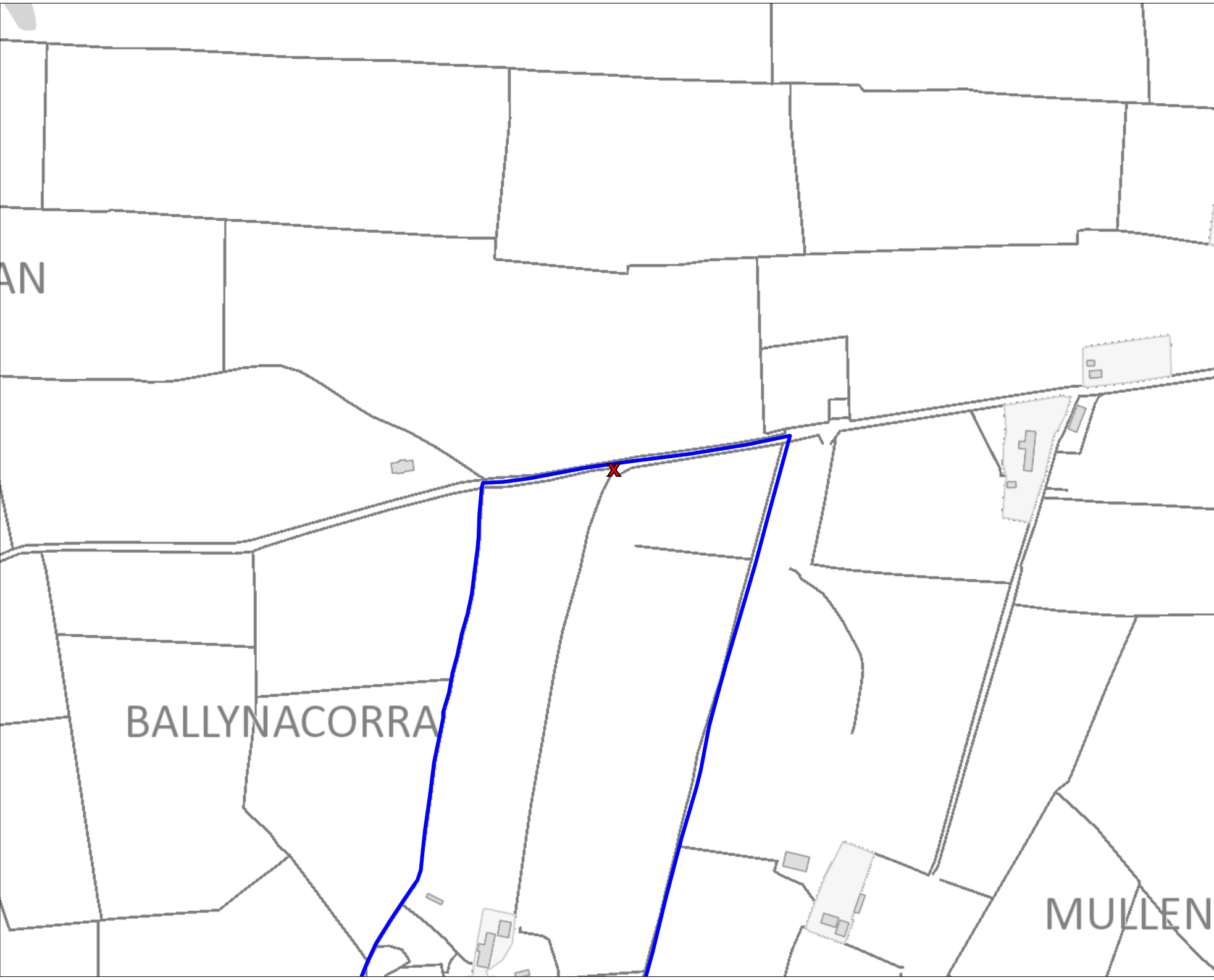
OS SHEET NO: **2900, 2901, 2969, 2970**

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Planning and Environmental Consultants  
Tuam Road, Galway  
Ireland, H91 VW84  
+353 (0)91 715661  
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7. Layout plans show Turbine rotor diameter as per turbine drawing.
8. Final levels may vary depending on local ground conditions.

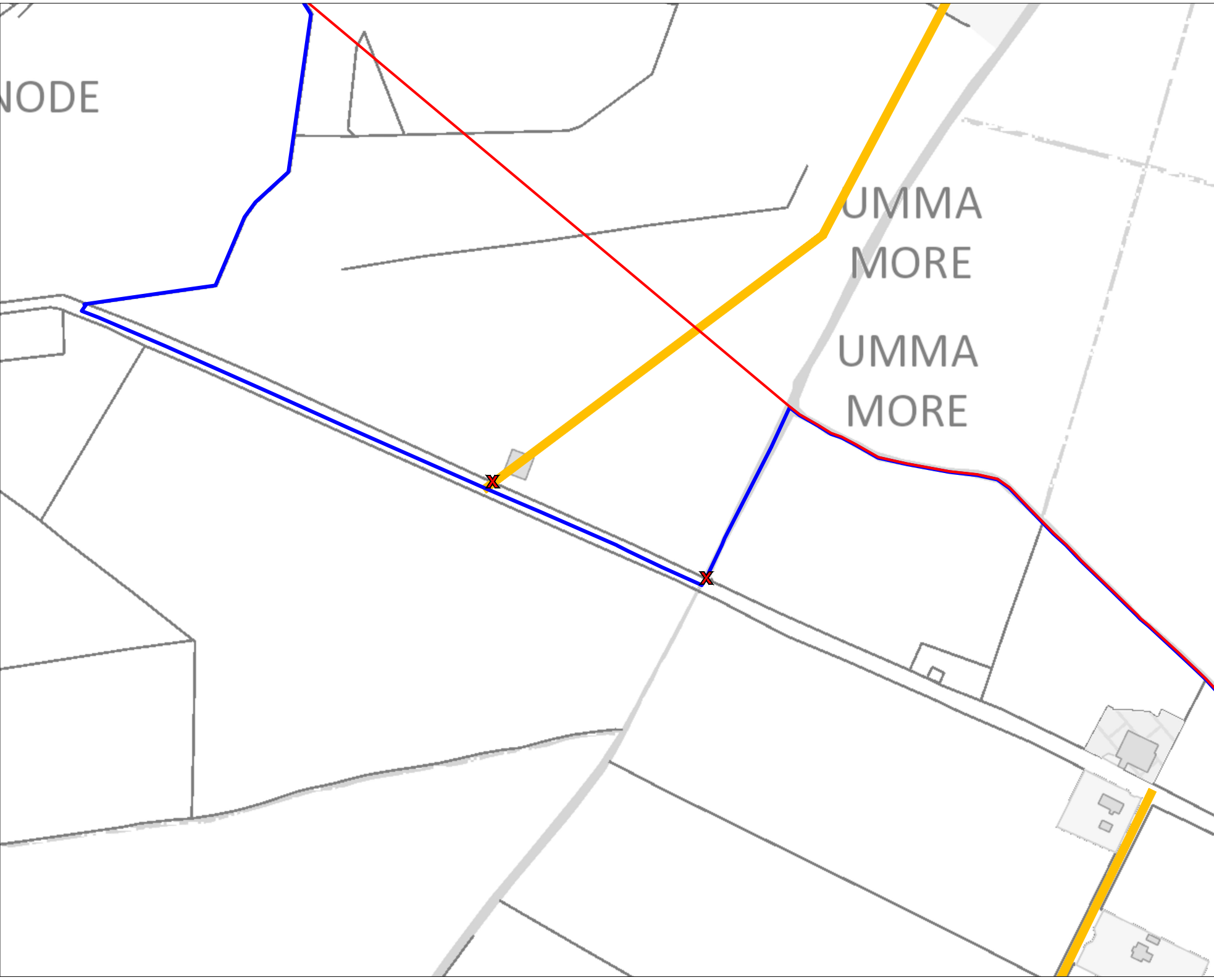
**Drawing Legend**

-  Landowners Boundary
-  Site Notice



<b>Drawing Title</b>	
<b>Site Location Map Sheet D</b>	
<b>Project Title</b> <b>Umma More Renewable Energy Development, Co. Westmeath</b>	
<b>Drawing By</b> <b>Joseph O'Brien</b>	<b>Checked By</b> <b>Ellen Costello</b>
<b>Project No.</b> <b>201050</b>	<b>Drawing No.</b> <b>201050 - 02D</b>
<b>Scale</b> <b>1:2,500 @ A3</b>	<b>Date</b> <b>06.03.2023</b>
<b>OS Sheet No.</b> 2900, 2901, 2969, 2970	
	
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7. Layout plans show 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



**Site Location Map Sheet E**

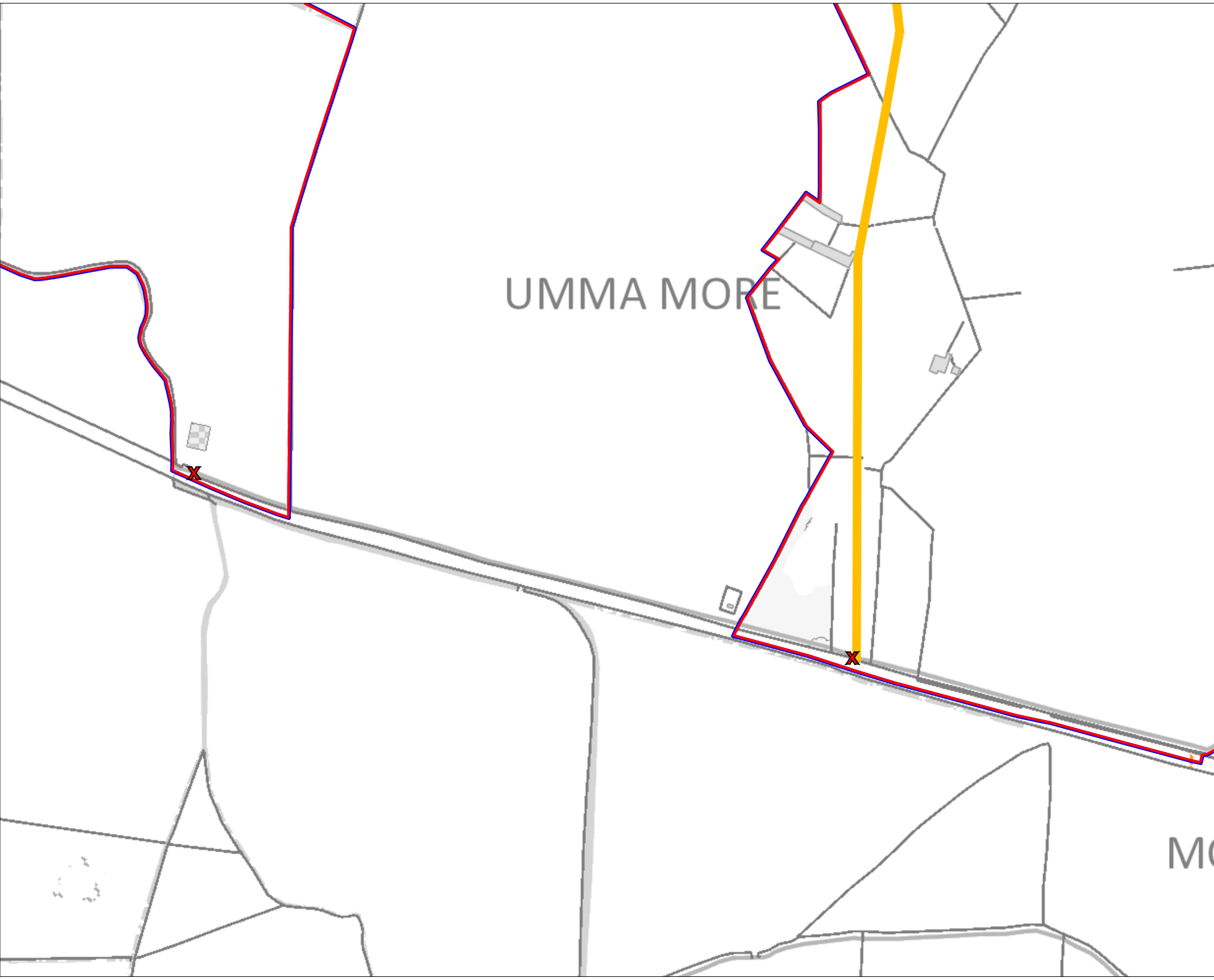
PROJECT TITLE: **Umma More Renewable Energy Development, Co. Westmeath**

DRAWING BY: <b>Joseph O'Brien</b>	CHECKED BY: <b>Ellen Costello</b>
PROJECT No: <b>201050</b>	DRAWING No: <b>201050 - 02E</b>
SCALE: <b>1:2,500 @ A3</b>	DATE: <b>06.03.2023</b>
JOB SHEET No: <b>2900, 2901, 2969, 2970</b>	

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Planning and Environmental Consultants  
Tuam Road, Galway  
Ireland, H91 VW84  
+353 (0)91 725661  
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7. Layout plans show 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

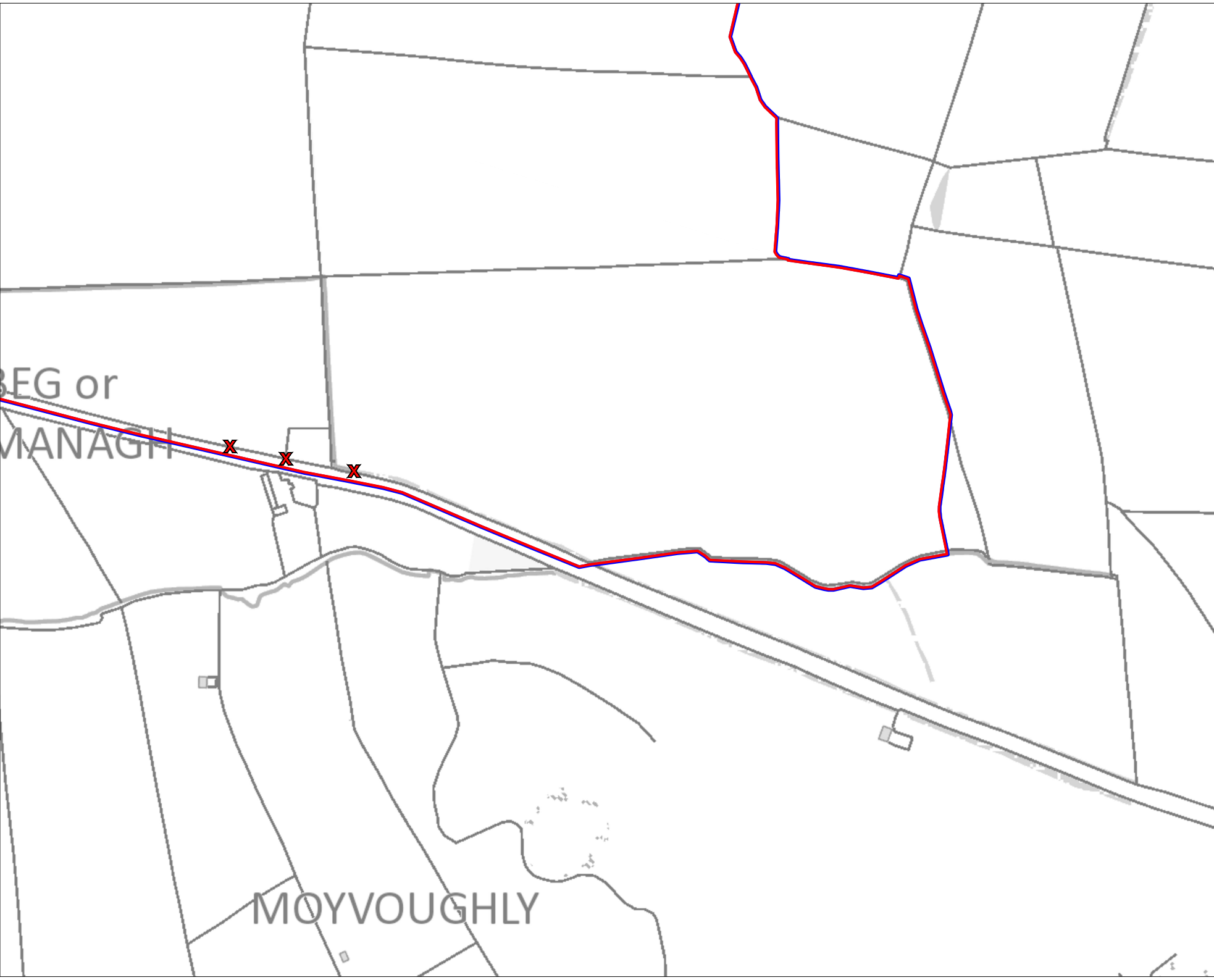


**Site Location Map Sheet F**

**Umma More Renewable Energy Development, Co. Westmeath**

DRAWN BY: Joseph O'Brien	CHECKED BY: Ellen Costello
PROJECT NO: 201050	DRAWING NO: 201050 - 02F
SCALE: 1:2,500 @ A3	DATE: 06.03.2023
JOB SHEET NO: 2900, 2901, 2969, 2970	

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7. Layout plans show 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



**Site Location Map  
Sheet G**

PROJECT TITLE <b>Umma More Renewable Energy Development, Co. Westmeath</b>	
DRAWING BY <b>Joseph O'Brien</b>	CHECKED BY <b>Ellen Costello</b>
PROJECT NO. <b>201050</b>	DRAWING NO. <b>201050 - 02G</b>
SCALE <b>1:2,500 @ A3</b>	DATE <b>06.03.2023</b>
JOB SHEET NO.: <b>2900, 2901, 2969, 2970</b>	

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Planning and  
Environmental  
Consultants  
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Ireland, H91 VW84  
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7. Layout plans show Turbine rotor diameter on local map turbine drawing.
8. Elyal plans [www.elyal.com/rotation/rotation.asp](http://www.elyal.com/rotation/rotation.asp) conditions

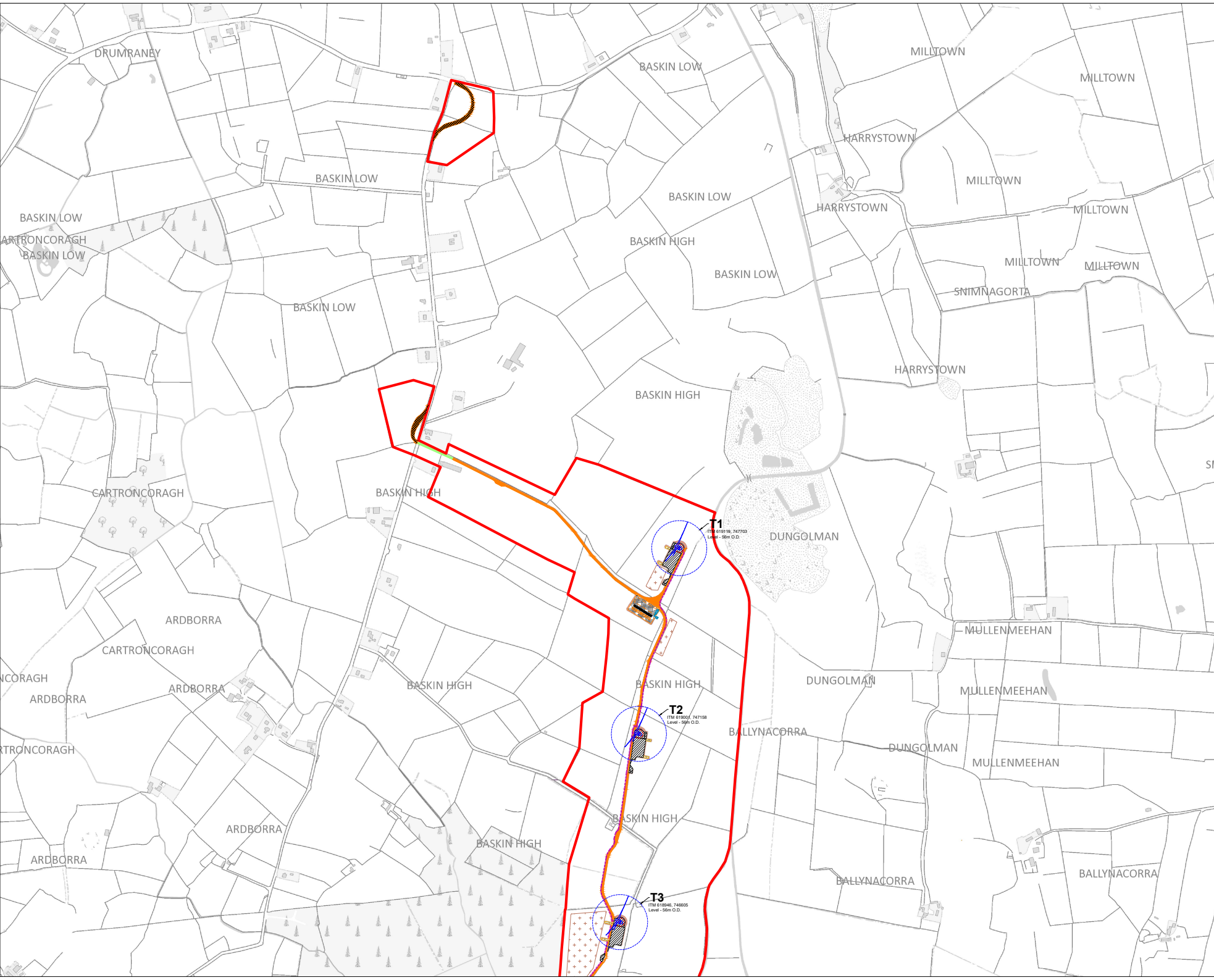
	Planning Application Boundary
	Existing Road to be Upgraded
	Proposed New Road
	Temporary New Road (to facilitate delivery of abnormal loads)
	Internal Electrical Cabling Trench
	Assembly Areas
	Crane Pad Handstanding Area
	Turbine Foundation
	Proposed Max. Turbine Sweep Area
	Spill Management Areas (refer to Section 4.3.3.2 of Chapter 4 of EIA/R)
	Cut
	Fill



**Umma More Renewable Energy Development, Co. Westmeath**

DRAWING BY: <b>Joseph O'Brien</b>	CHECKED BY: <b>Ellen Costello</b>
PROJECT No.: <b>201050</b>	DRAWING No.: <b>201050 - 03</b>
SCALE: <b>1:10,000 @ A1</b>	DATE: <b>06.03.2023</b>
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7. Layout plans show 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
- Temporary New Road (to facilitate delivery of abnormal loads)
- Internal Electrical Cabling Trench
- Assembly Areas
- Crane Pad Hardstanding Area
- Turbine Foundation
- Proposed Max. Turbine Sweep Area
- Spoil Management Areas (refer to Section 4.3.3.2 of Chapter 4 of EIA)
- Cut
- Fill

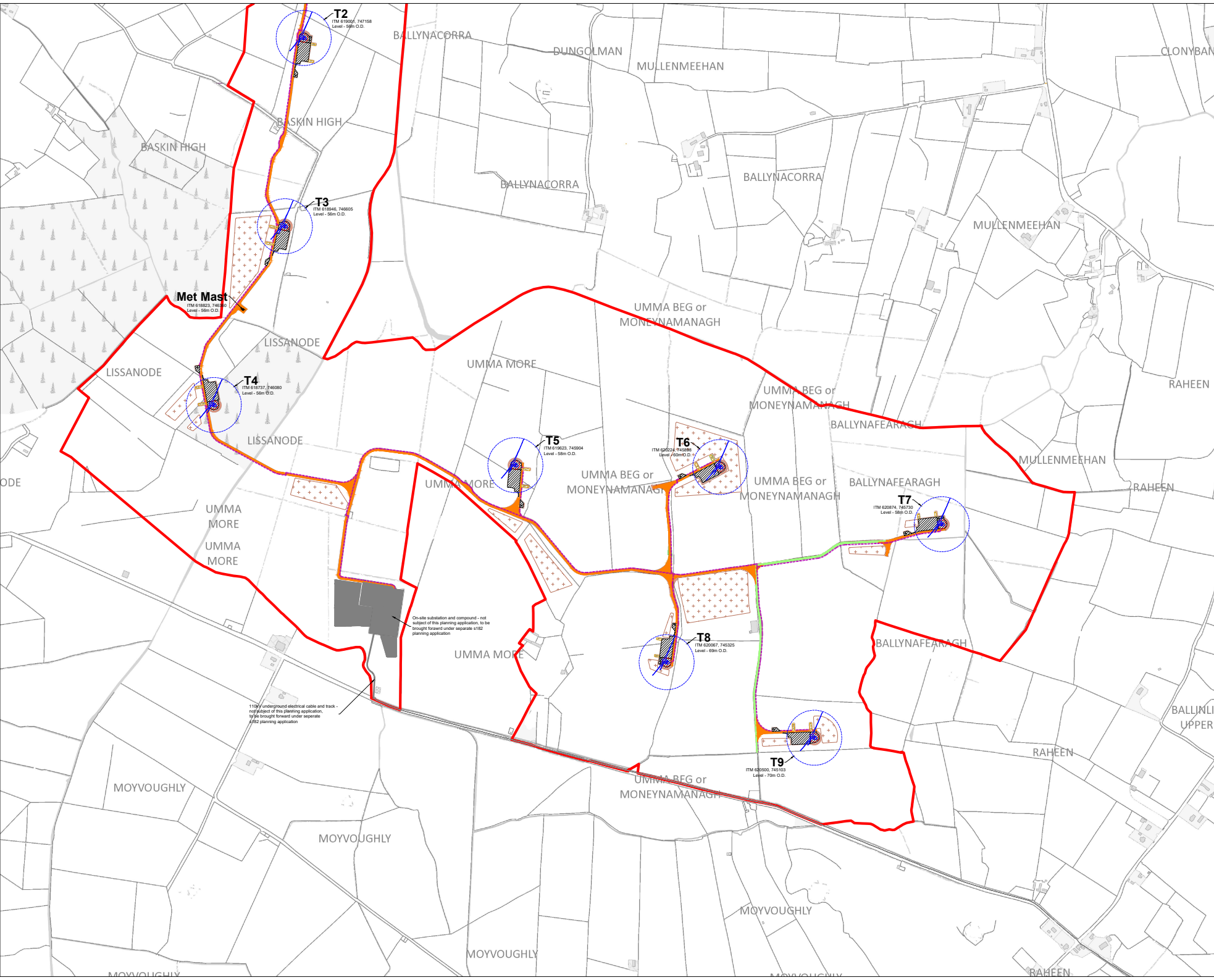
**Site Layout 1:5,000**  
**Sheet 1 of 2**

**Umma More Renewable Energy Development, Co. Westmeath**

DRAWING BY: Joseph O'Brien	DRAWING NO: 201050
PROJECT NO: 201050	DATE: 06.03.2023
SCALE: 1:5,000 @ A1	DATE: 06.03.2023
JOB SHEET NO: 2900, 2901, 2969, 2970	

**MKO**  
Planning and Environmental Consultants  
Tuam Road, Galway  
Ireland, H91 VW84  
+353 (0)91 725641  
email: info@www.mkoireland.ie  
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7. Layout plans show 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
- Internal Electrical Cabling Trench
- Assembly Areas
- Crane Pad Hardstanding Area
- Turbine Foundation
- Proposed Max. Turbine Sweep Area
- Spoil Management Areas (refer to Section 4.3.3.2 of Chapter 4 of EIA)
- Cut
- Fill

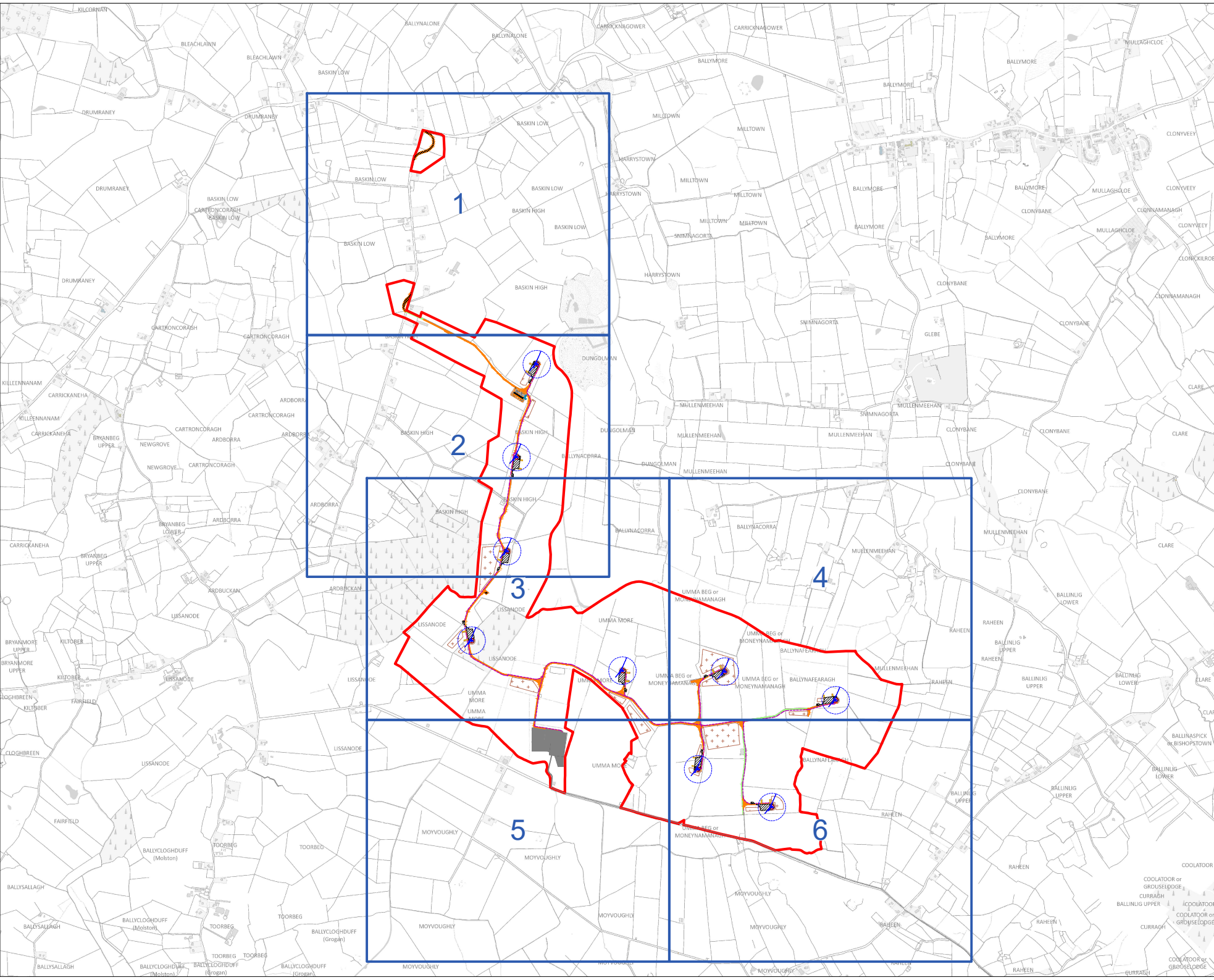
**Site Layout 1:5,000**  
**Sheet 2 of 2**

**Umma More Renewable Energy Development, Co. Westmeath**

DRAWING BY: <b>Joseph O'Brien</b>	CHECKED BY: <b>Ellen Costello</b>
PROJECT No: <b>201050</b>	DRAWING No: <b>201050 - 05</b>
SCALE: <b>1:5,000 @ A1</b>	DATE: <b>06.03.2023</b>
JOB SHEET No: <b>2900, 2901, 2969, 2970</b>	

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Planning and Environmental Consultants  
Tuam Road, Galway  
Ireland, H91 VW84  
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  7. Layout plans show 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
- Temporary New Road (to facilitate delivery of abnormal loads)
- Internal Electrical Cabling Trench
- Assembly Areas
- Crane Pad Hardstanding Area
- Turbine Foundation
- Proposed Max. Turbine Sweep Area
- Spot Management Areas (refer to Section 4.3.3.2 of Chapter 4 of EIAR)
- Cut
- Fill

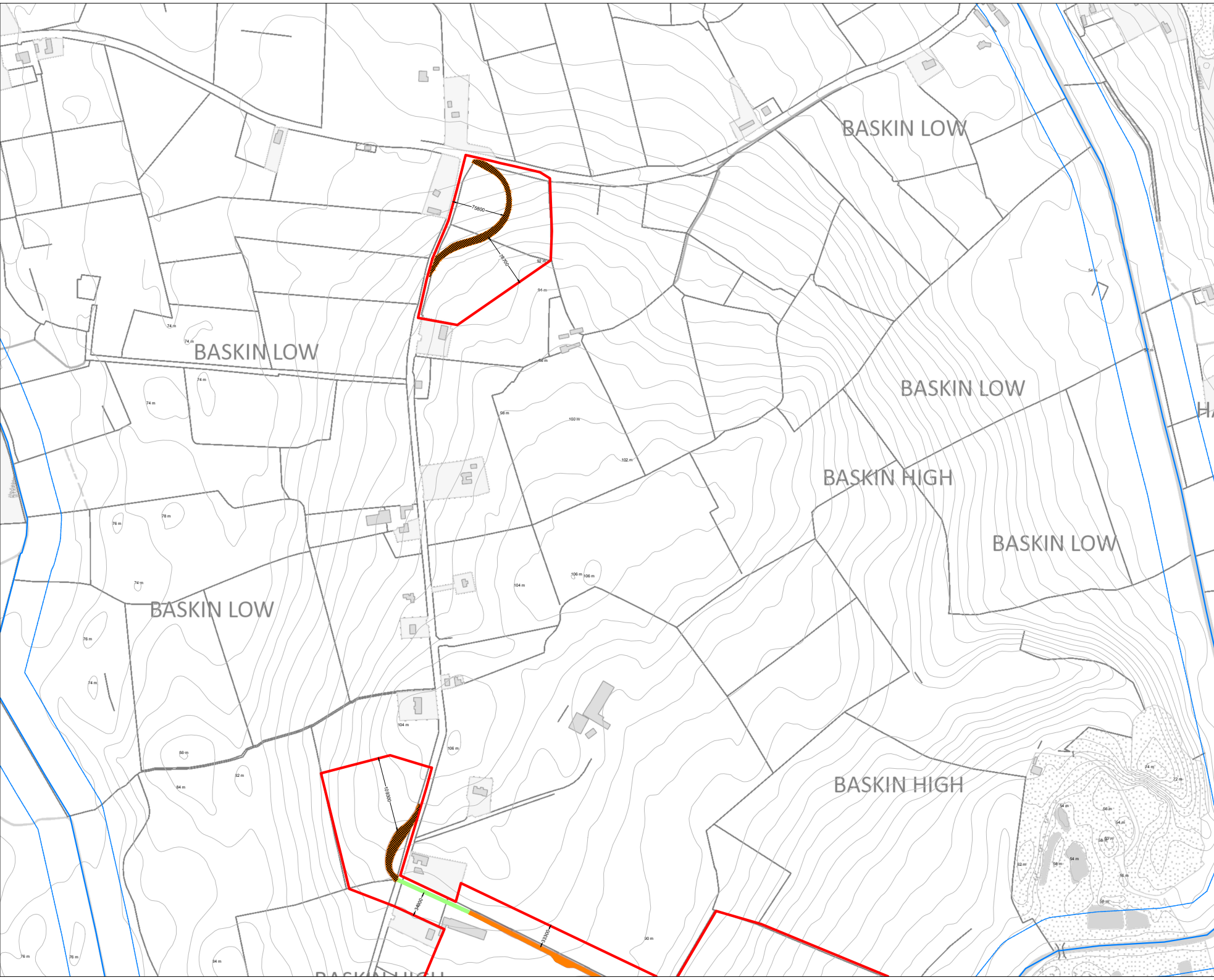


<b>Site Layout Key Plan (1:2,500)</b>	
<b>Umma More Renewable Energy Development, Co. Westmeath</b>	
DRAWING BY: <b>Joseph O'Brien</b>	DRAWING NO: <b>201050</b>
PROJECT NO: <b>201050</b>	DATE: <b>06.03.2023</b>
SCALE: <b>1:10,000 @ A1</b>	DATE: <b>06.03.2023</b>
JOB SHEET NO: <b>2900, 2901, 2969, 2970</b>	



**MKO**  
Planning and Environmental Consultants  
Tuam Road, Galway  
Ireland, H91 VW84  
+353 (0)91 725661  
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  7. Layout plans show 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
- Temporary New Road (to facilitate delivery of abnormal loads)
- Watercourse
- Watercourse 50m Buffer
- Cut
- Fill



**Site Layout 1:2,500**  
**Sheet 1 of 6**

**PROJECT TITLE**  
**Umma More Renewable Energy Development, Co. Westmeath**

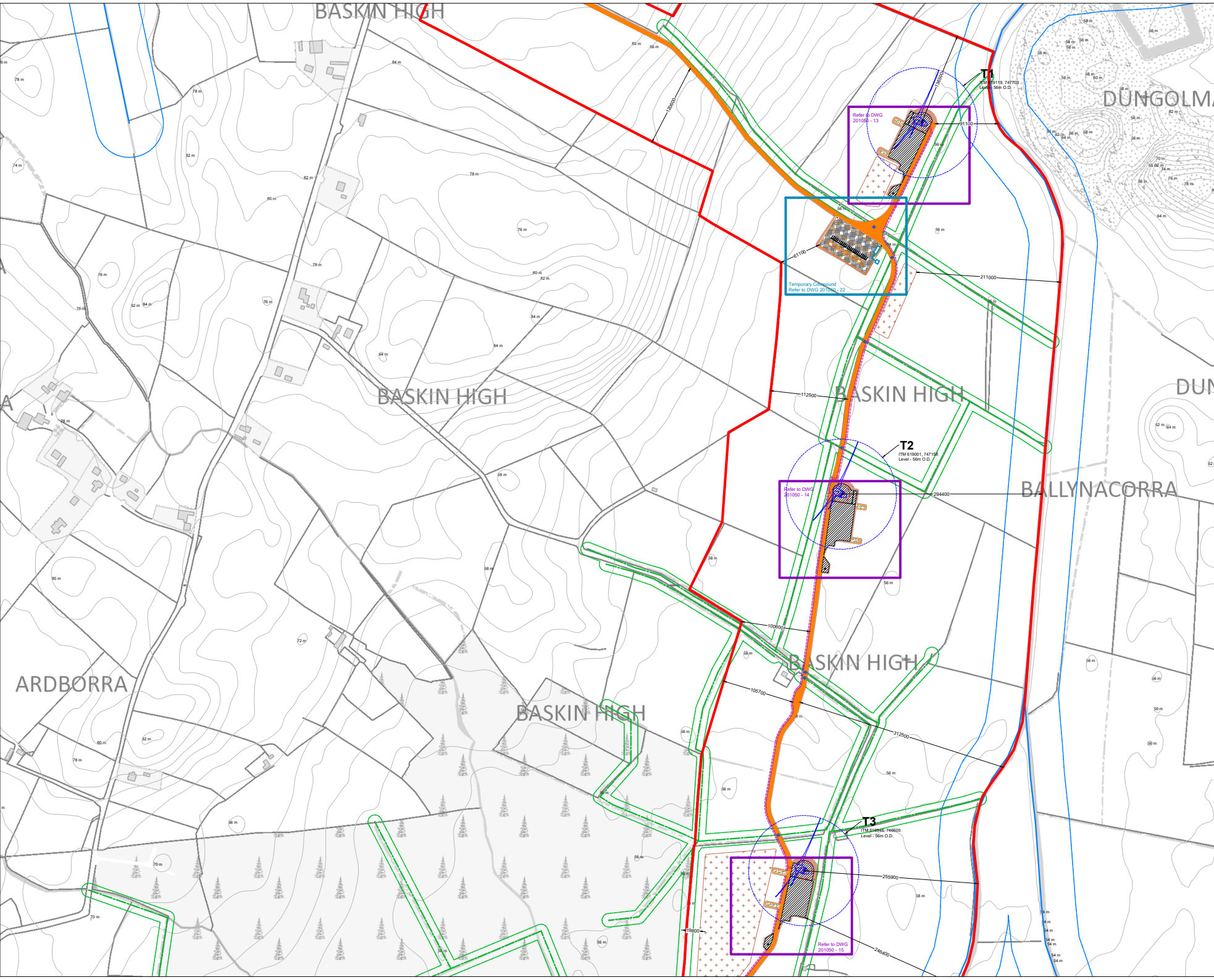
**DRAWING BY** Joseph O'Brien **CHECKED BY** Ellen Costello

**PROJECT NO.** 201050 **DRAWING NO.** 201050 - 07

**SCALE:** 1:2,500 @ A1 **DATE:** 06.03.2023

**JOB SHEET NO.:** 2900, 2901, 2969, 2970

**MKO**  
Planning and Environmental Consultants  
Tuam Road, Galway  
Ireland, H91 VW84  
+353 (0)91 725661  
email: info@www.mkoireland.ie  
Website: www.mkoireland.ie



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7. Layout plans show 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
- Internal Electrical Cabling Trench
- Crane Pad Hardstanding Area
- Turbine Foundation
- Proposed Max. Turbine Sweep Area
- Spoil Management Areas (refer to Section 4.3.3.2 of Chapter 4 of EIAR)
- Culvert Crossing (Refer to HES Drawings)
- Watercourse
- Watercourse 50m Buffer
- Drains
- Drain 10m Buffer
- Cut
- Fill

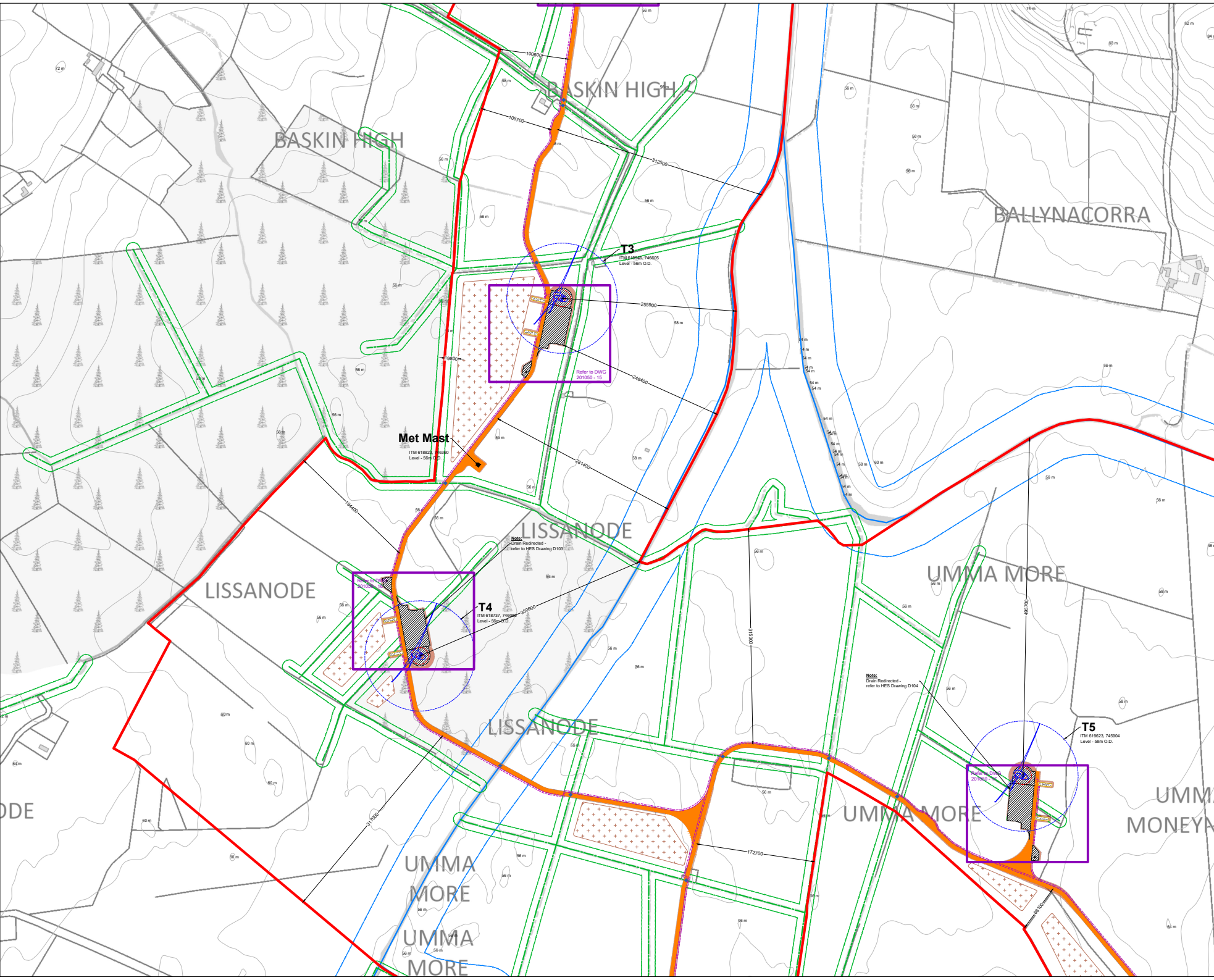


DRAWING TITLE	
<b>Site Layout 1:2,500</b>	
<b>Sheet 2 of 6</b>	
PROJECT TITLE	
<b>Umma More Renewable Energy Development, Co. Westmeath</b>	
DRAWING BY	DRAWING NO.
<b>Joseph O'Brien</b>	<b>201050</b>
PROJECT NO.	DATE
<b>201050</b>	<b>06.03.2023</b>
SCALE	
<b>1:2,500 @ A1</b>	
JOB SHEET NO.	
<b>2900, 2901, 2969, 2970</b>	



**MKO**  
Planning and  
Environmental  
Consultants  
Tuam Road, Galway  
Ireland, H91 VW84  
+353 (0)91 731561  
email: info@www.mkoireland.ie  
Website: www.mkoireland.ie





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

**Drawing Legend**

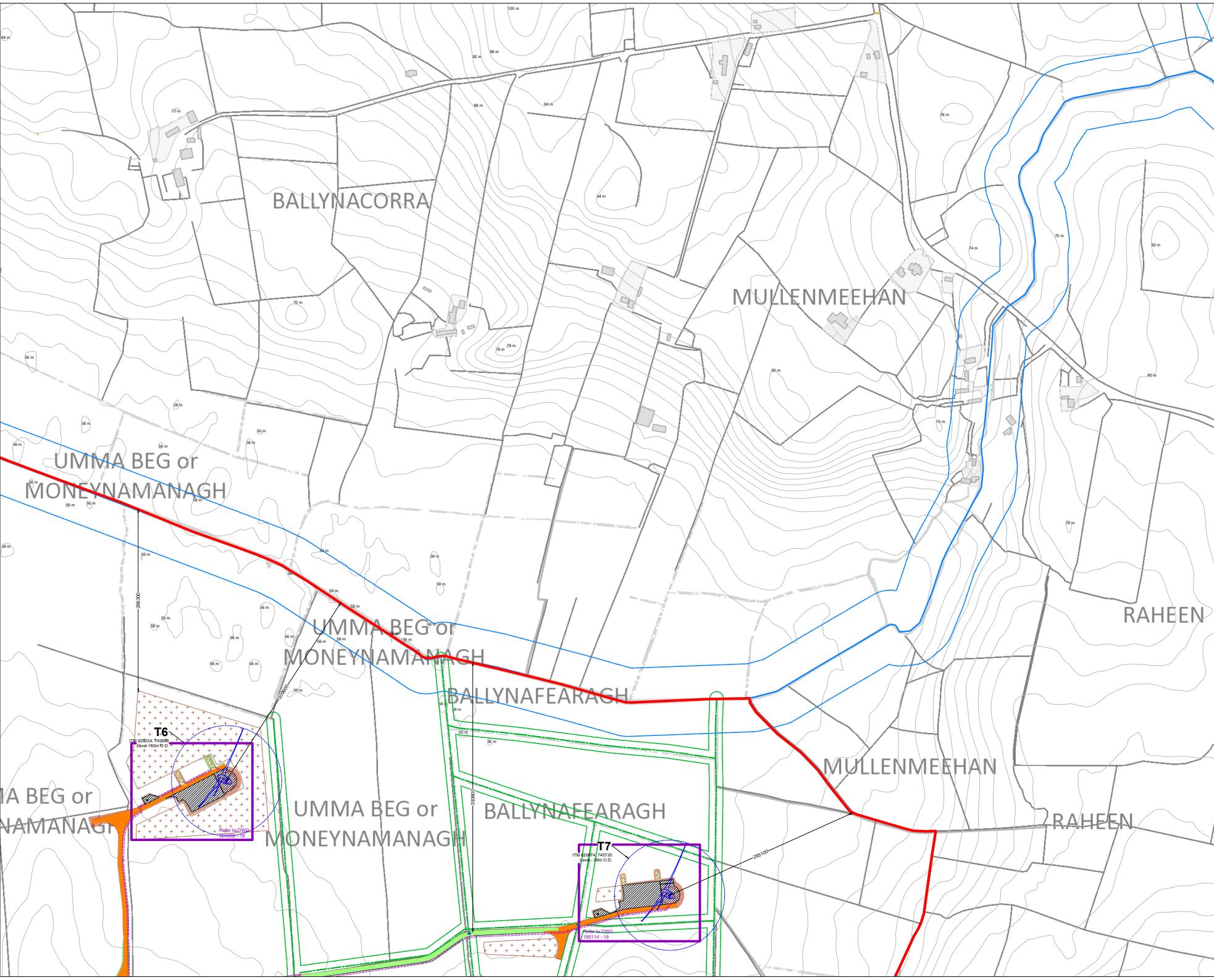
- Planning Application Boundary
- Proposed New Road
- Internal Electrical Cabling Trench
- Assembly Areas
- Crane Pad Handstanding Area
- Turbine Foundation
- Proposed Max. Turbine Sweep Area
- Spill Management Areas (refer to Section 4.3.3.2 of Chapter 4 of EIA)
- Culvert Crossing (Refer to HES Drawings)
- Watercourse
- Watercourse 50m Buffer
- Drains
- Drain 10m Buffer
- Cut
- Fill



<b>DRAWING TITLE:</b>	
<b>Site Layout 1:2,500 Sheet 3 of 6</b>	
<b>PROJECT TITLE:</b>	
<b>Umma More Renewable Energy Development, Co. Westmeath</b>	
<b>DRAWING BY:</b>	<b>CHECKED BY:</b>
<b>Joseph O'Brien</b>	<b>Ellen Costello</b>
<b>PROJECT NO:</b>	<b>DRAWING NO.:</b>
<b>201050</b>	<b>201050 - 09</b>
<b>SCALE:</b>	<b>DATE:</b>
<b>1:2,500 @ A1</b>	<b>06.03.2023</b>
<b>OS SHEET NO.:</b>	
<b>2900, 2901, 2969, 2970</b>	



**MKO**  
Planning and  
Environmental  
Consultants  
Tuam Road, Galway  
Ireland, H91 VW84  
+353 (0)91 725661  
email: info@www.mkoireland.ie  
Website: www.mkoireland.ie



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  7. Layout plans show 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
- Internal Electrical Cabling Trench
- Assembly Areas
- Crane Pad Hardstanding Area
- Turbine Foundation
- Proposed Max. Turbine Sweep Area
- Spoil Management Areas (refer to Section 4.3.3.2 of Chapter 4 of EIAIR)
- Culvert Crossing (Refer to HES Drawings)
- Watercourse
- Watercourse 50m Buffer
- Drains
- Drain 10m Buffer
- Cut
- Fill

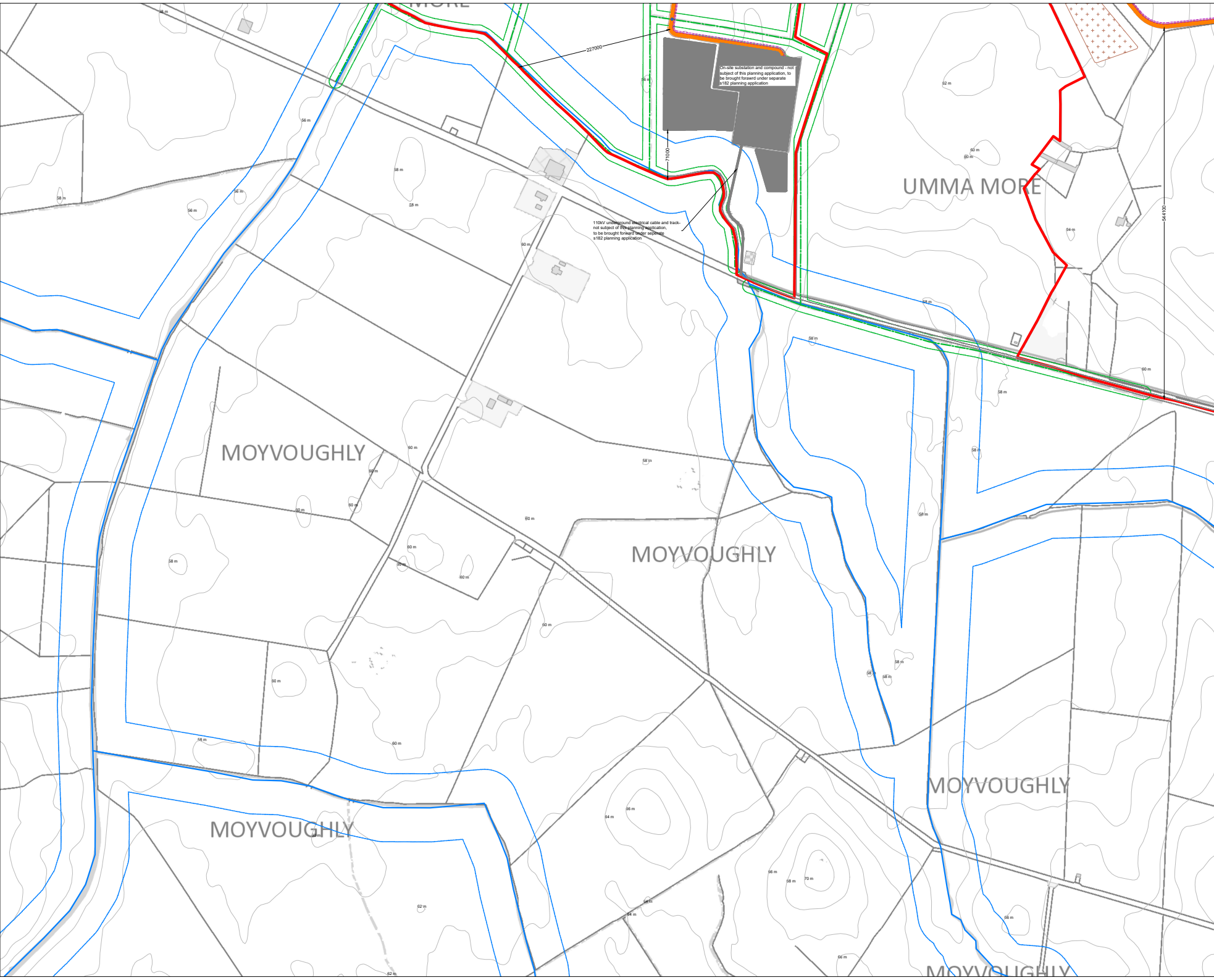


DRAWING TITLE	
<b>Site Layout 1:2,500</b>	
<b>Sheet 4 of 6</b>	
PROJECT TITLE	
<b>Umma More Renewable Energy Development, Co. Westmeath</b>	
DRAWING BY	CHECKED BY
<b>Joseph O'Brien</b>	<b>Ellen Costello</b>
PROJECT No.	DRAWING No.
<b>201050</b>	<b>201050 - 10</b>
SCALE	DATE
<b>1:2,500 @ A1</b>	<b>06.03.2023</b>
JOB SHEET No.	
2900, 2901, 2969, 2970	



**MKO**  
Planning and  
Environmental  
Consultants  
Tuam Road, Galway  
Ireland, H91 VW84  
+353 (0)91 725661  
email: info@www.mkoireland.ie  
Website: www.mkoireland.ie





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

**Drawing Legend**

- Planning Application Boundary
- Proposed New Road
- Internal Electrical Cabling Trench
- Spill Management Areas (refer to Section 4.3.3.2 of Chapter 4 of EIAR)
- Culvert Crossing (Refer to HES Drawings)
- Watercourse
- Watercourse 50m Buffer
- Drains
- Drain 10m Buffer
- Cut
- Fill



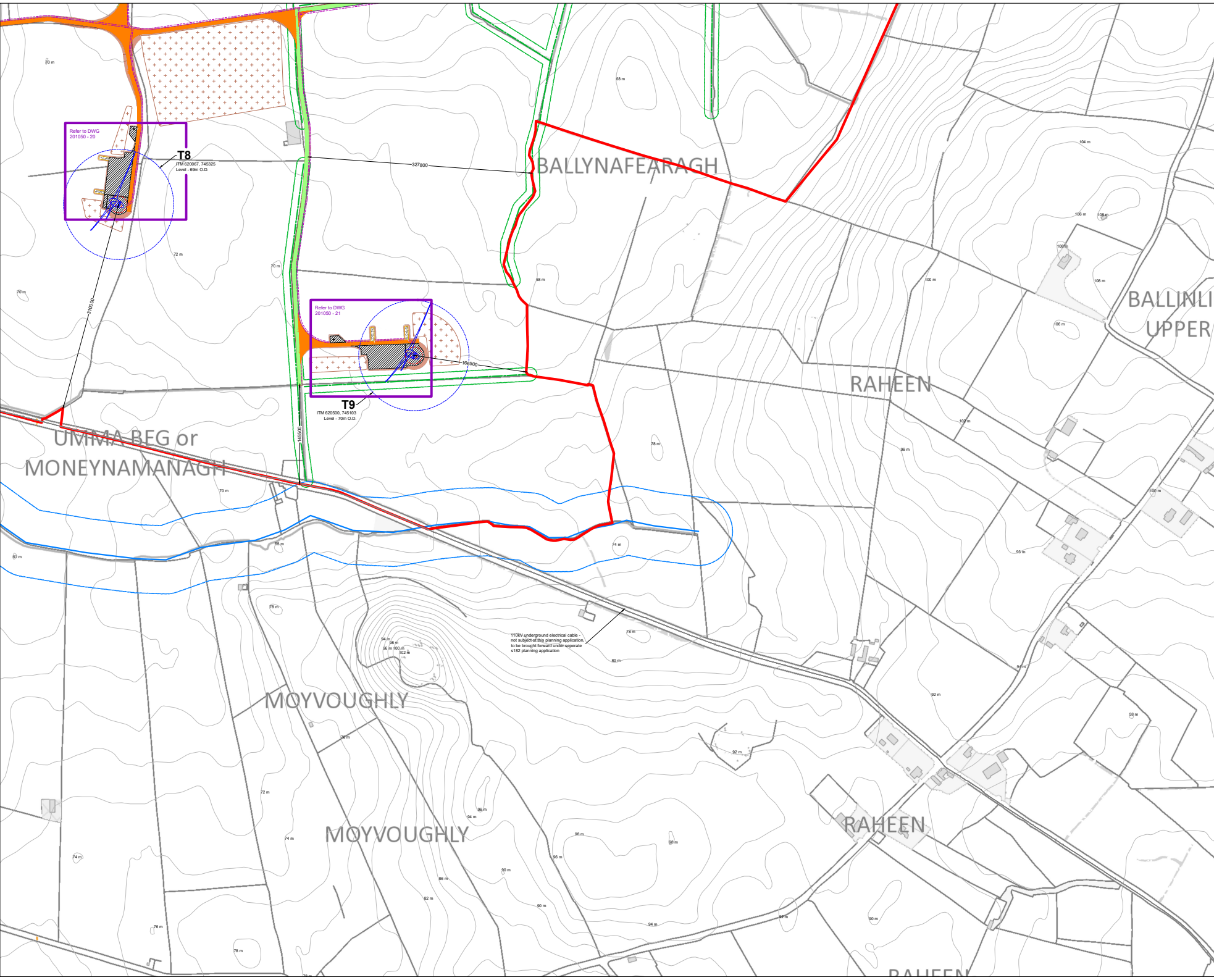
**DRAWING TITLE**  
**Site Layout 1:2,500**  
**Sheet 5 of 6**

**PROJECT TITLE**  
**Umma More Renewable Energy Development, Co. Westmeath**

<b>DRAWING BY</b> Joseph O'Brien	<b>DRAWING BY</b> Ellen Costello
<b>PROJECT NO.</b> 201050	<b>DRAWING NO.</b> 201050 - 11
<b>SCALE</b> 1:2,500 @ A1	<b>DATE</b> 06.03.2023
<b>JOB SHEET NO.</b> 2900, 2901, 2969, 2970	

**MKO**  
Planning and Environmental Consultants  
Tuam Road, Galway  
Ireland, H91 VW84  
+353 (0)91 725661  
email: info@www.mkoireland.ie  
Website: www.mkoireland.ie





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

**Drawing Legend**

- Planning Application Boundary
- Existing Road to be Upgraded
- Proposed New Road
- Internal Electrical Cabling Trench
- Assembly Areas
- Crane Pad Hardstanding Area
- Turbine Foundation
- Proposed Max. Turbine Sweep Area
- Spill Management Areas (refer to Section 4.3.3.2 of Chapter 4 of EIAR)
- Watercourse
- Watercourse 50m Buffer
- Drains
- Drain 10m Buffer
- Cut
- Fill



DRAWING TITLE:

**Site Layout 1:2,500  
Sheet 6 of 6**


PROJECT TITLE:  
**Umma More Renewable Energy  
Development, Co. Westmeath**

DRAWING BY: **Joseph O'Brien** CHECKED BY: **Ellen Costello**

PROJECT No: **201050** DRAWING No: **201050 - 12**

SCALE: **1:2,500 @ A1** DATE: **06.03.2023**

JOB SHEET No.: **2900, 2901, 2969, 2970**



**MKO**  
Planning and  
Environmental  
Consultants  
Tuam Road, Galway  
Ireland, H91 VW84  
+353 (0)91 725641  
email: info@www.mkoireland.ie  
Website: www.mkoireland.ie