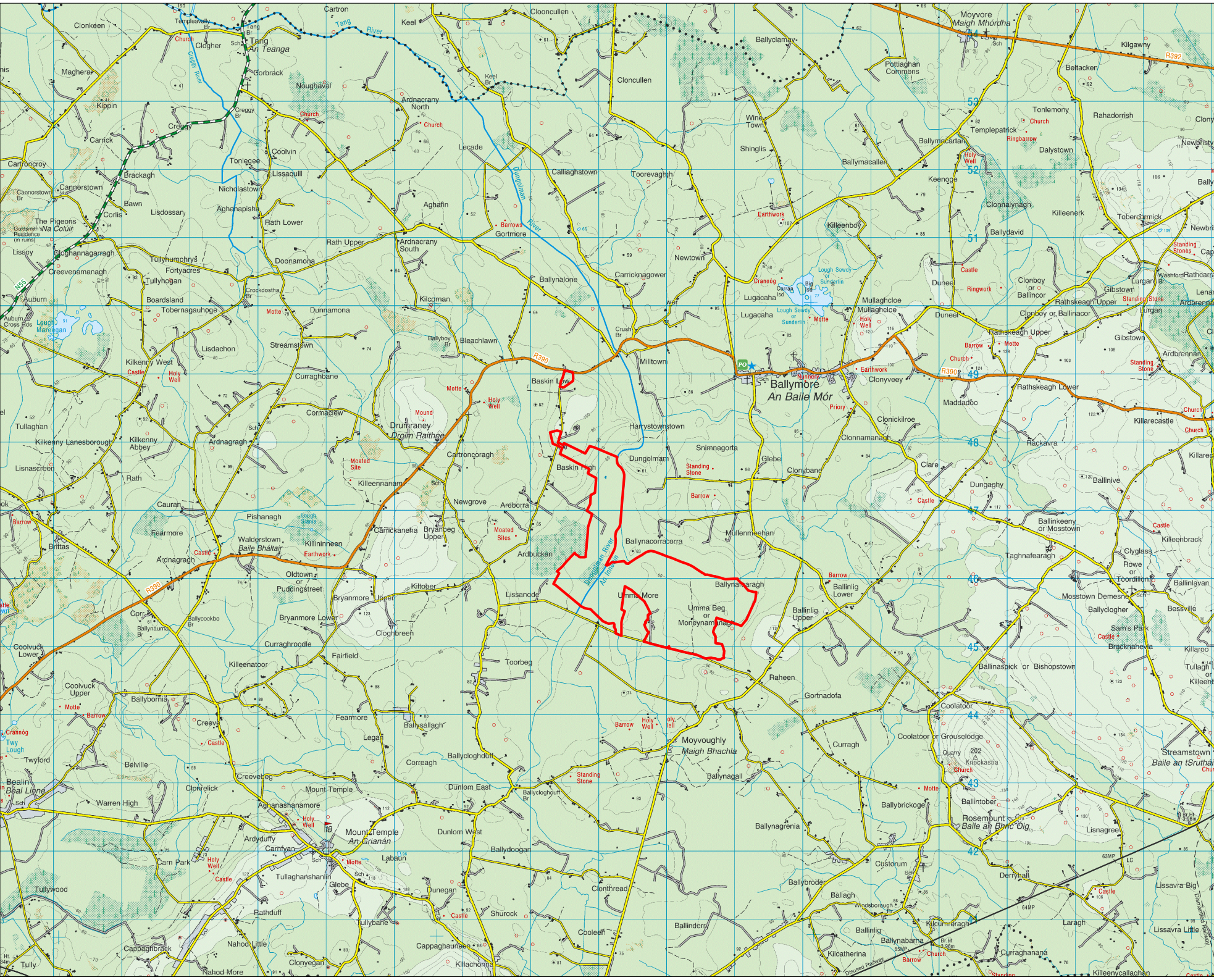




## **APPENDIX 4-1**

### **SITE LAYOUT PLANNING 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**

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

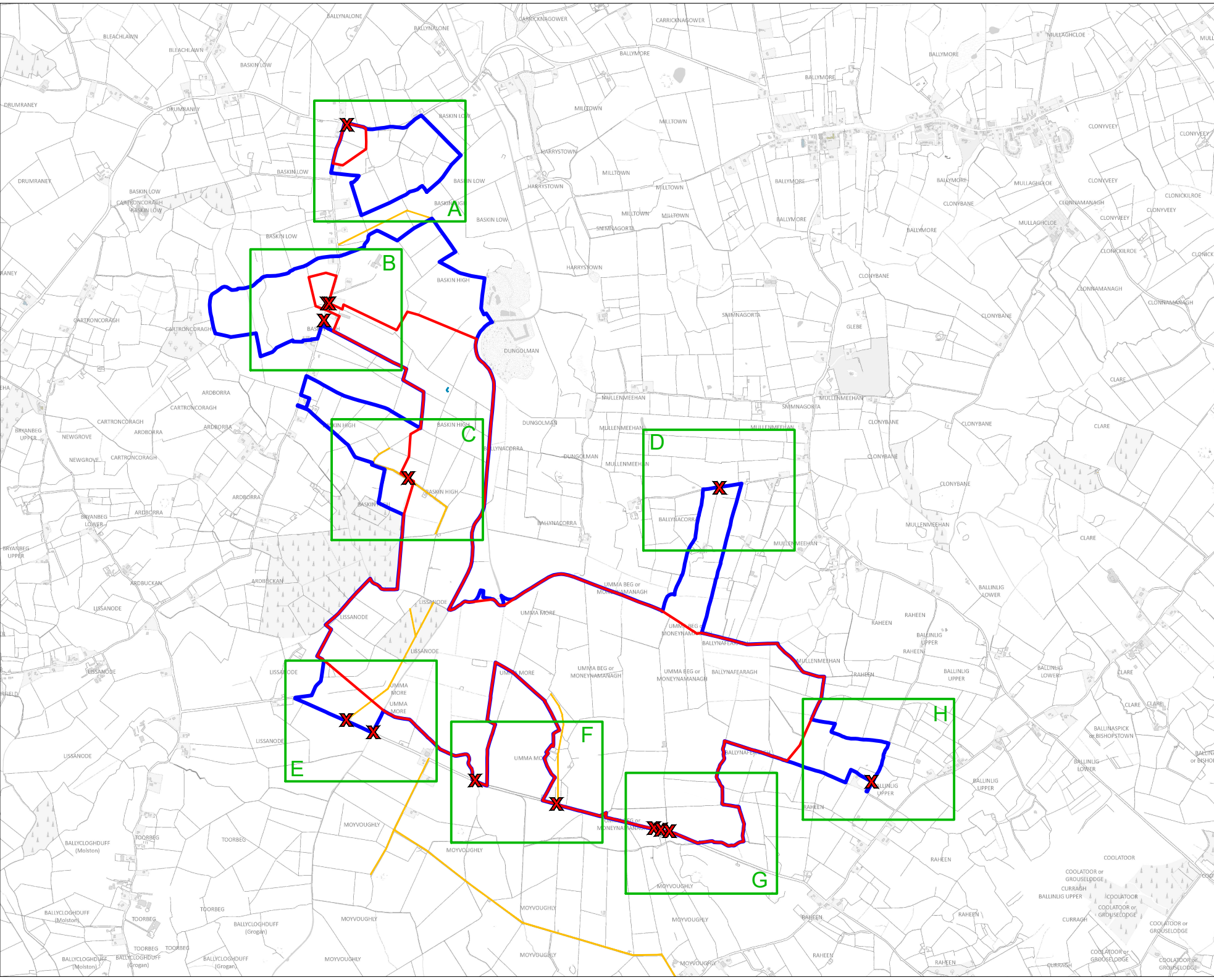
PROJECT NO:	201050	DRAWING NO:	201050 - 01
DRAWING BY:	Joseph O'Brien	CHECKED BY:	Ellen Costello
SCALE:	1:50,000 @ A3	DATE:	06.03.2023
DRAWING TITLE:	OS2224		

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

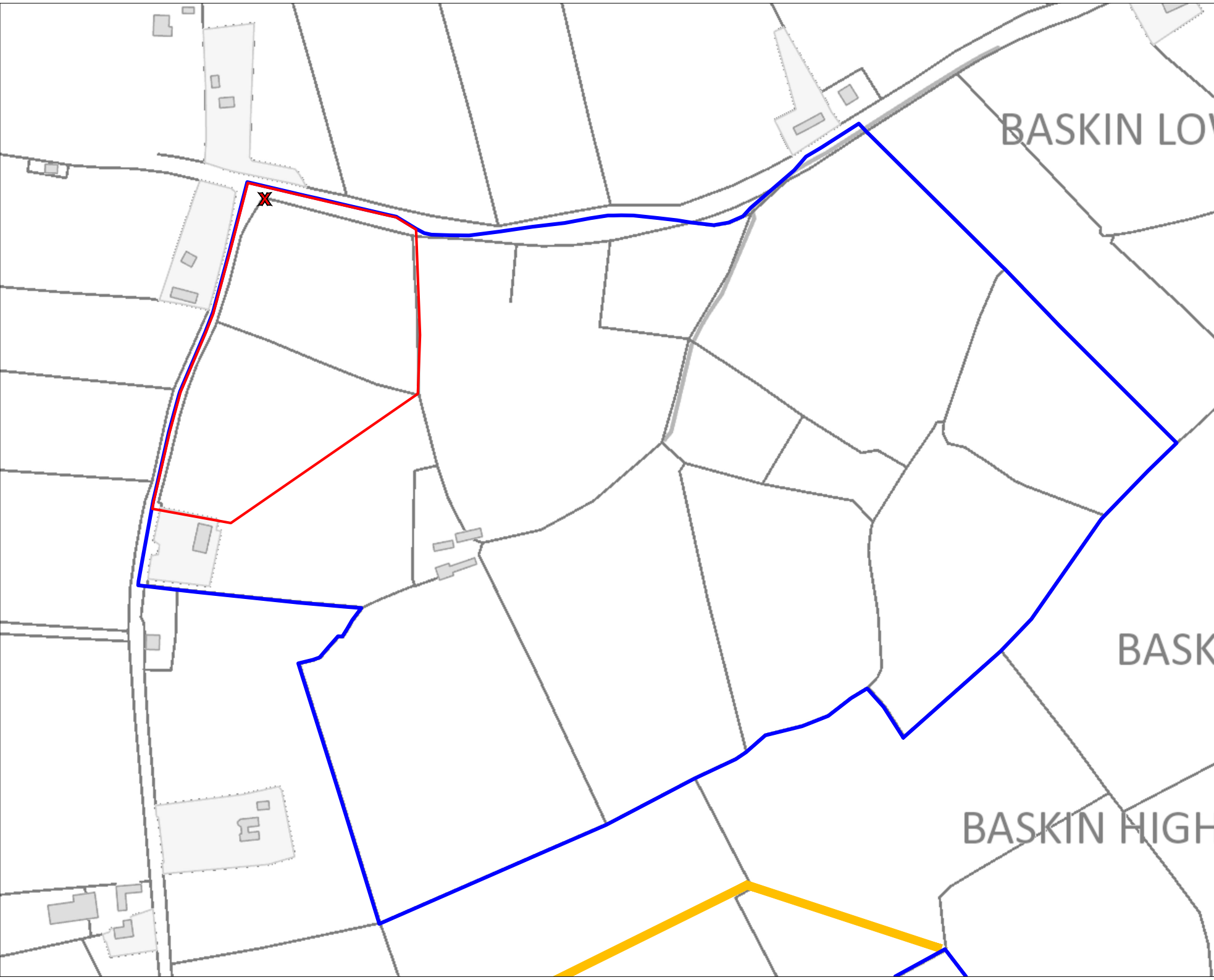
DRAWING BY: <b>Joseph O'Brien</b>	CHECKED BY: <b>Ellen Costello</b>
PROJECT NO: <b>201050</b>	DRAWING NO: <b>201050 - 02</b>
SCALE: <b>1:20,000 @ A3</b>	DATE: <b>06.03.2023</b>
JOB SHEET NO: <b>2900, 2901, 2969, 2970</b>	



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

**Drawing Legend**

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

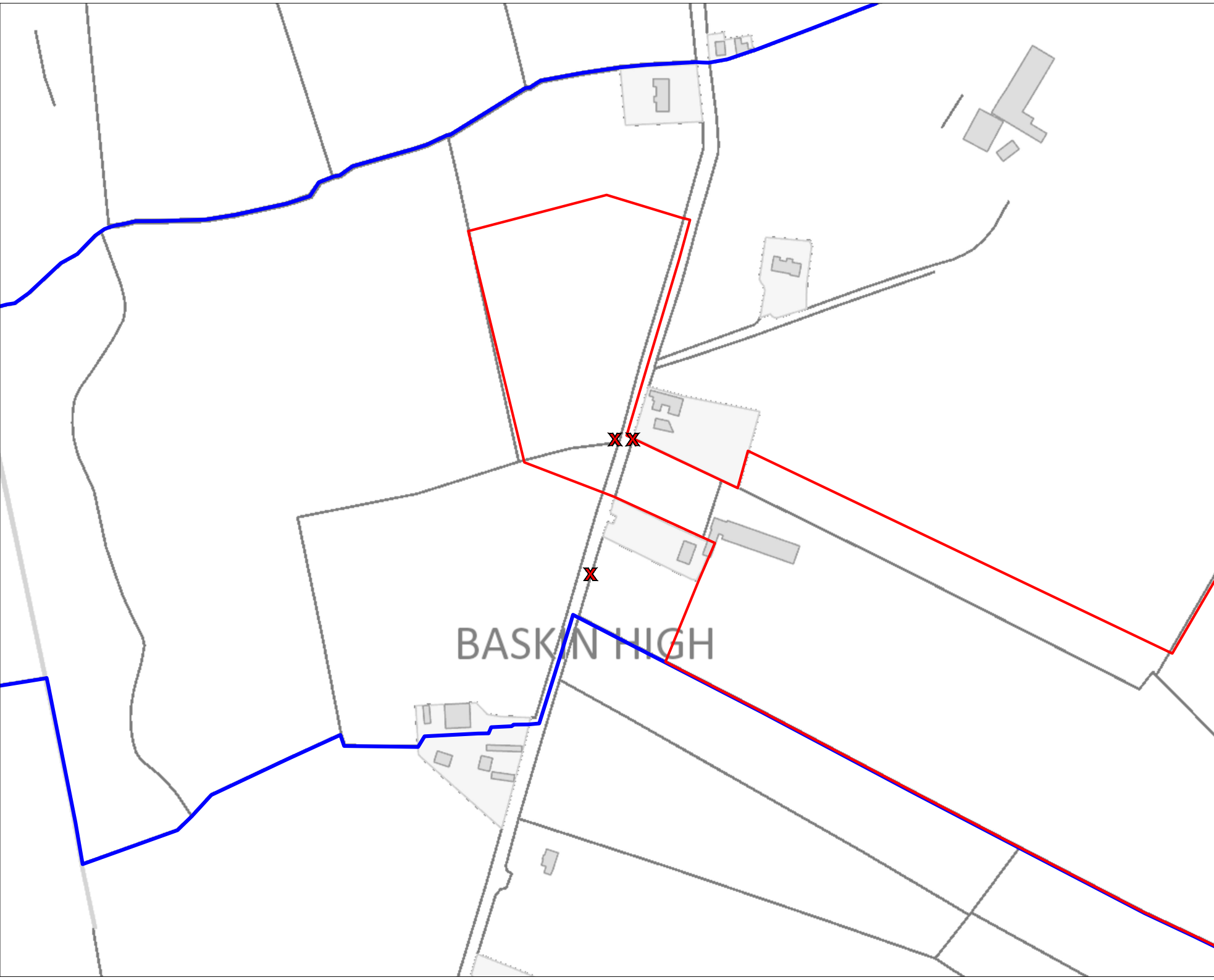


DRAWING TITLE	
<b>Site Location Map Sheet A</b>	
PROJECT TITLE	
<b>Urma More Renewable Energy Development, Co. Westmeath</b>	
DRAWING BY	DRAWING BY
<b>Joseph O'Brien</b>	<b>Ellen Costello</b>
PROJECT NO.	DRAWING NO.
<b>201050</b>	<b>201050 - 02A</b>
SCALE	DATE
<b>1:2,500 @ A3</b>	<b>06.03.2023</b>
OS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



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

**Drawing Legend**

- Planning Application Boundary
- Landowners Boundary
- X Site Notice




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**Site Location Map  
Sheet B**

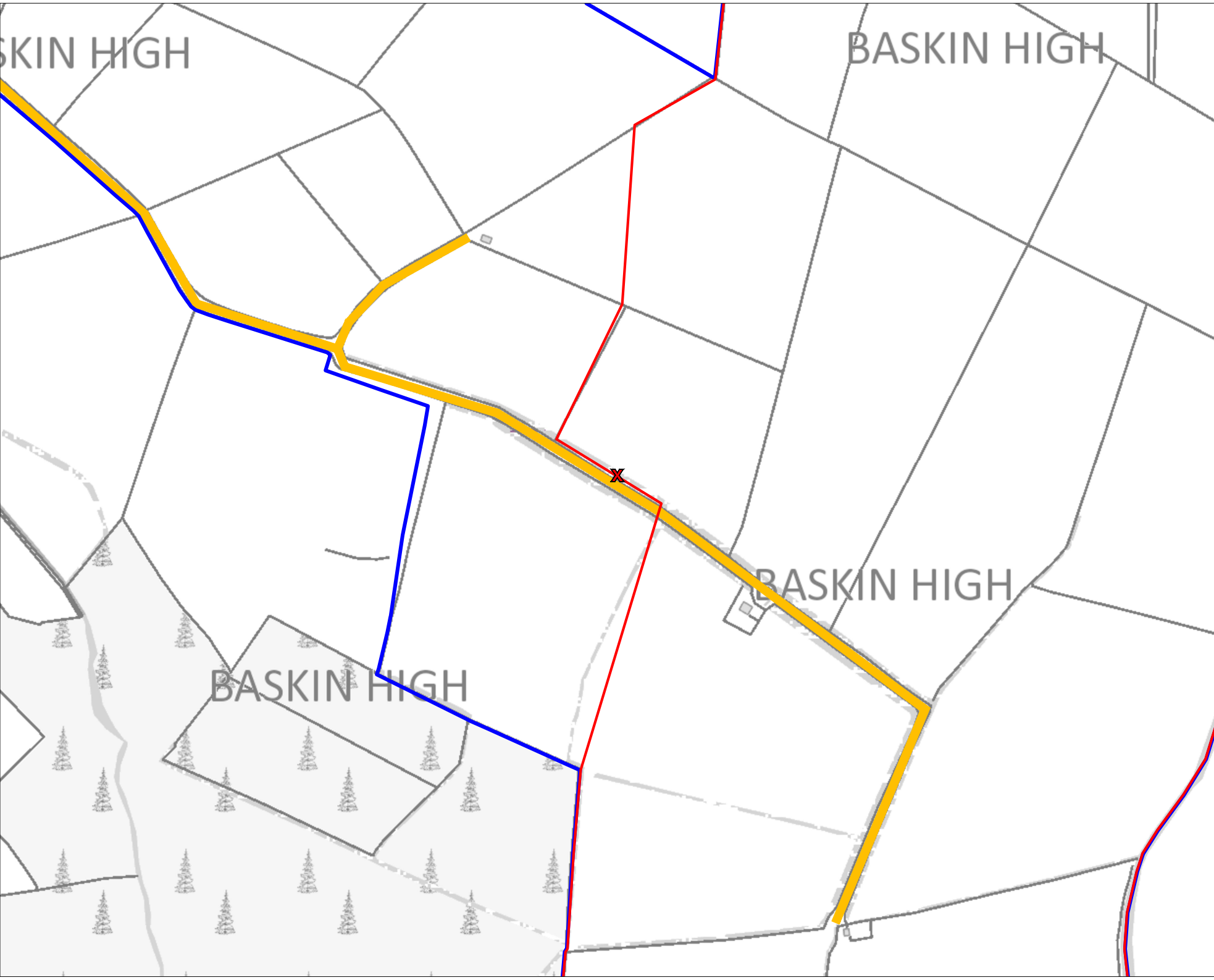
**Umma More Renewable Energy  
Development, Co. Westmeath**

DRAWING BY: <b>Joseph O'Brien</b>	DRAWN BY: <b>Ellen Costello</b>
PROJECT NO: <b>201050</b>	DRAWING NO: <b>201050 - 02B</b>
SCALE: <b>1:2,500 @ A3</b>	DATE: <b>06.03.2023</b>
OS SHEET NO.: <b>2900, 2901, 2969, 2970</b>	



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

**Drawing Legend**


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

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N

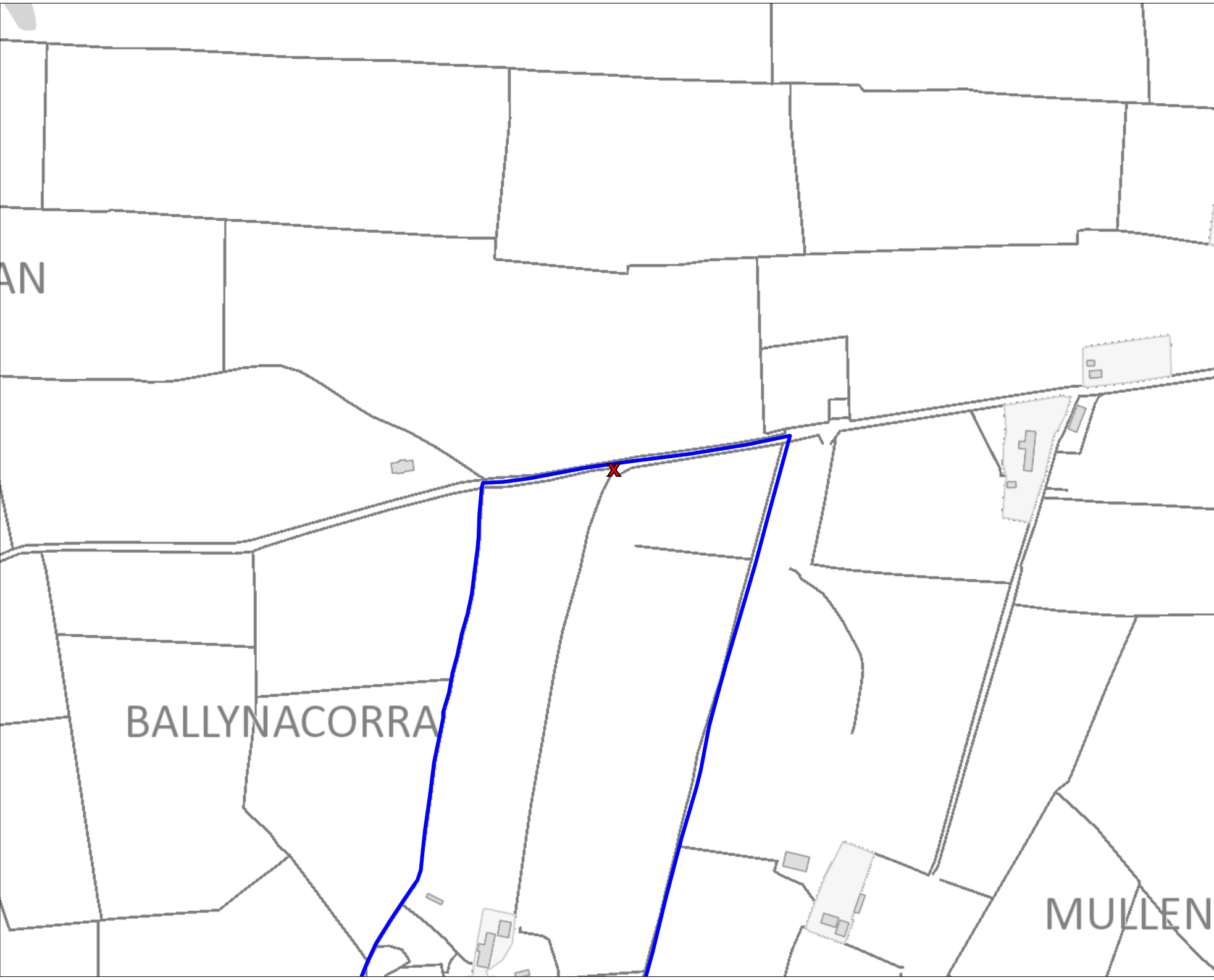
**Site Location Map**  
**Sheet C**

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 - 02C</b>
SCALE <b>1:2,500 @ A3</b>	DATE <b>06.03.2023</b>
OS SHEET NO. <b>2900, 2901, 2969, 2970</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**

-  Landowners Boundary
-  Site Notice

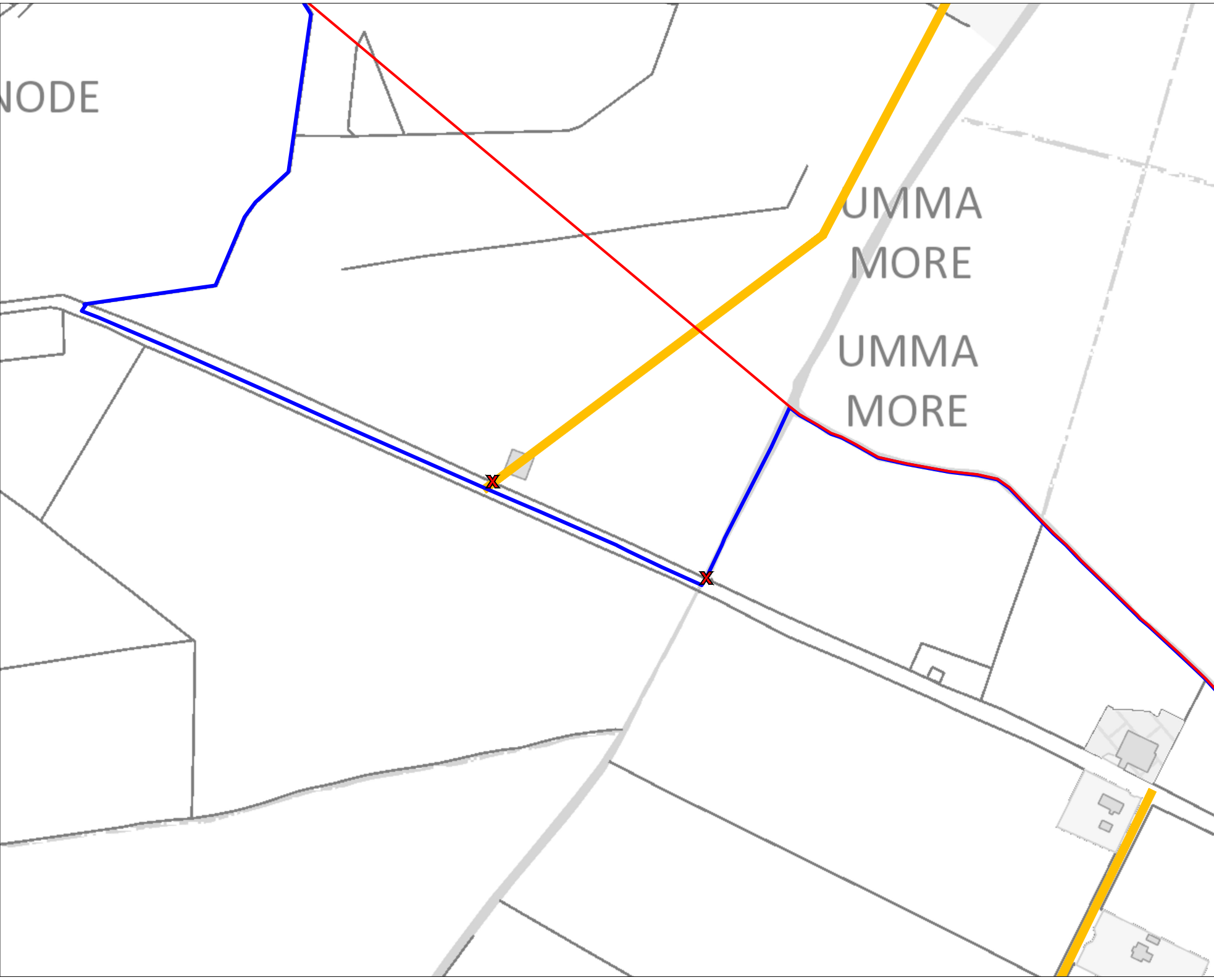


DRAWING TITLE	
Site Location Map Sheet D	
PROJECT TITLE	
Umma More Renewable Energy Development, Co. Westmeath	
DRAWING BY	CHECKED BY
Joseph O'Brien	Ellen Costello
PROJECT NO.	DRAWING NO.
201050	201050 - 02D
SCALE	DATE
1:2,500 @ A3	06.03.2023
OS SHEET NO.	
2900, 2901, 2969, 2970	



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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
- Site Notice
- Wayleave

**Site Location Map Sheet E**

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

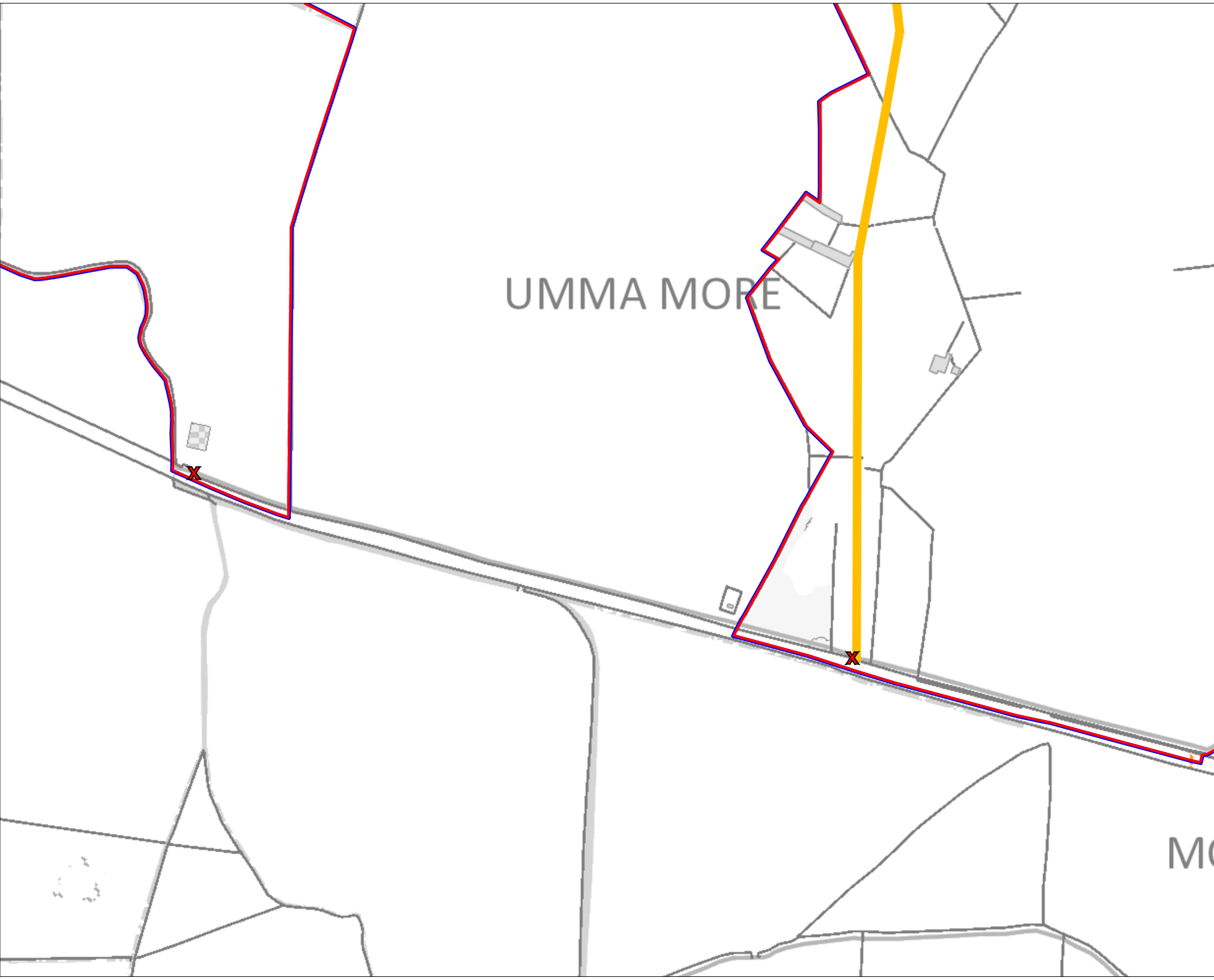
DRAWING BY: <b>Joseph O'Brien</b>	CHECKED BY: <b>Ellen Costello</b>
PROJECT NO: <b>201050</b>	DRAWING NO: <b>201050 - 02E</b>
SCALE: <b>1:2,500 @ A3</b>	DATE: <b>06.03.2023</b>
OS SHEET NO.: 2900, 2901, 2969, 2970	



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

**Drawing Legend**

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

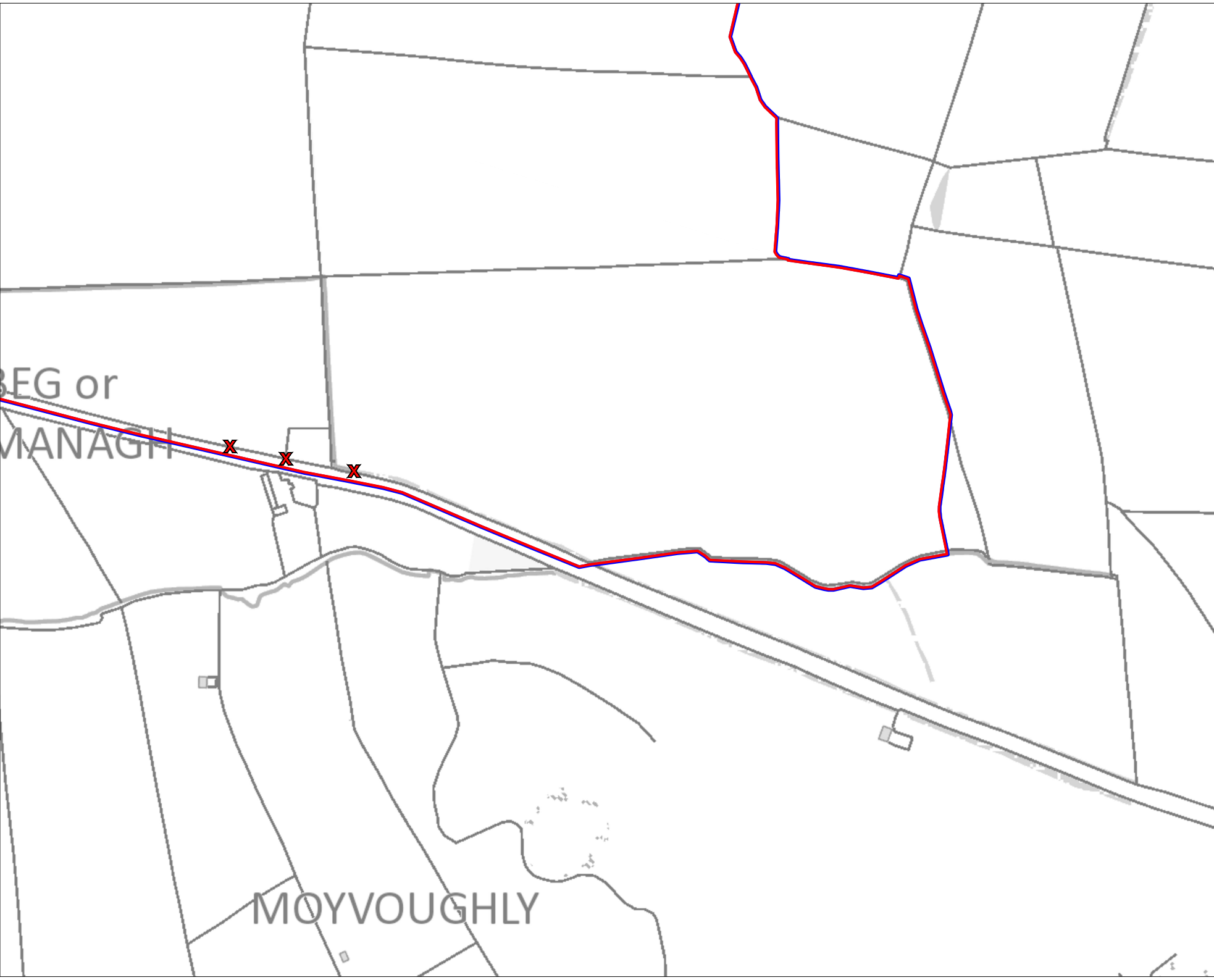


DRAWING TITLE	
Site Location Map Sheet F	
PROJECT TITLE	
Umma More Renewable Energy Development, Co. Westmeath	
DRAWN BY	CHECKED BY
Joseph O'Brien	Ellen Costello
PROJECT NO.	DRAWING NO.
201050	201050 - 02F
SCALE	DATE
1:2,500 @ A3	06.03.2023
JOB SHEET NO.	
2900, 2901, 2969, 2970	



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

**Drawing Legend**

- Planning Application Boundary
- Landowners Boundary
- X Site Notice



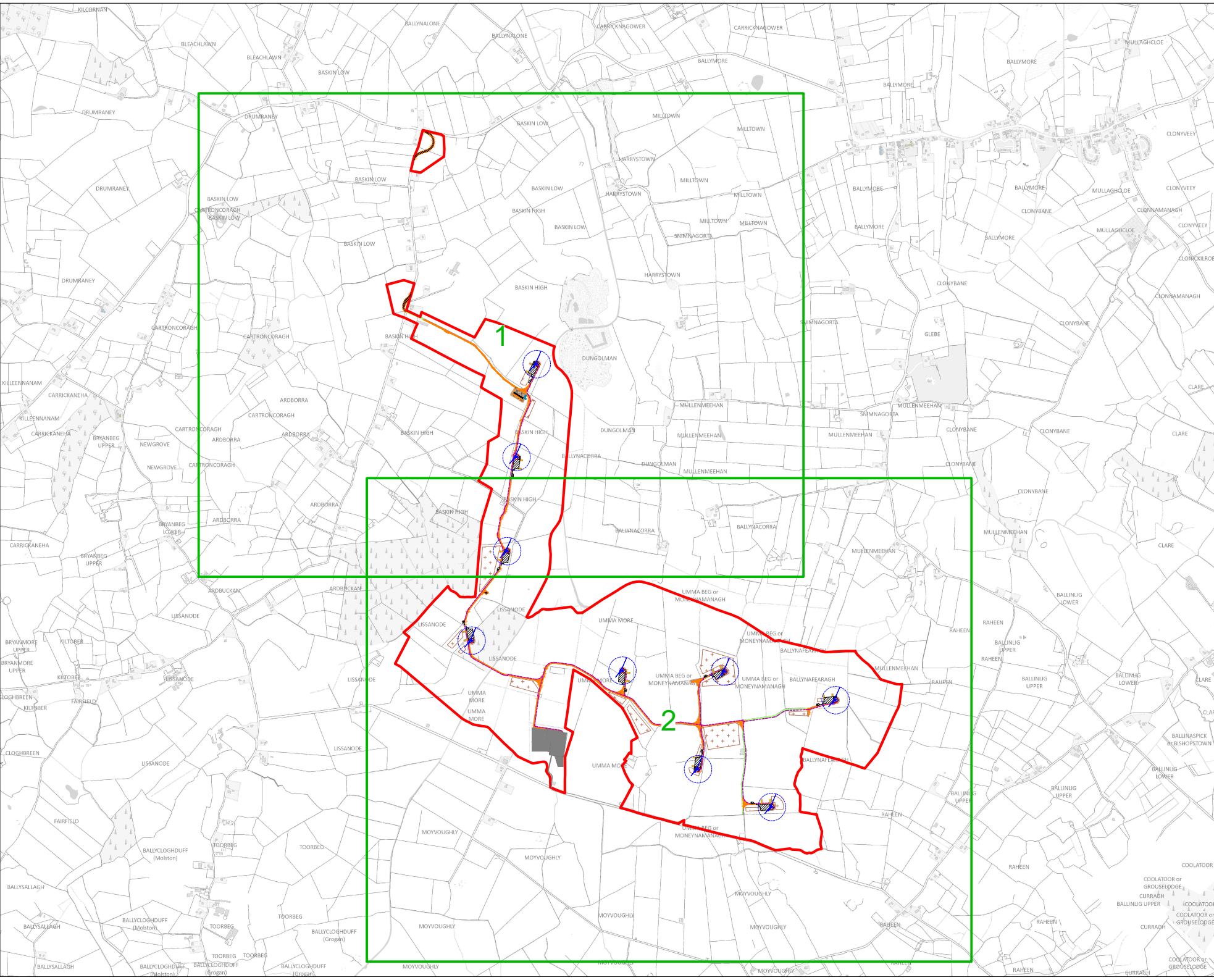
**Site Location Map**  
**Sheet G**

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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  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
- Spill Management Areas (refer to Section 4.3.3.2 of Chapter 4 of EIA/R)
- Cut
- Fill

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

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

**Project Title**

**Project No.** 201050

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

**Project Manager** Joseph O'Brien

**Project Engineer** Ellen Costello

**Scale** 1:10,000 @ A1

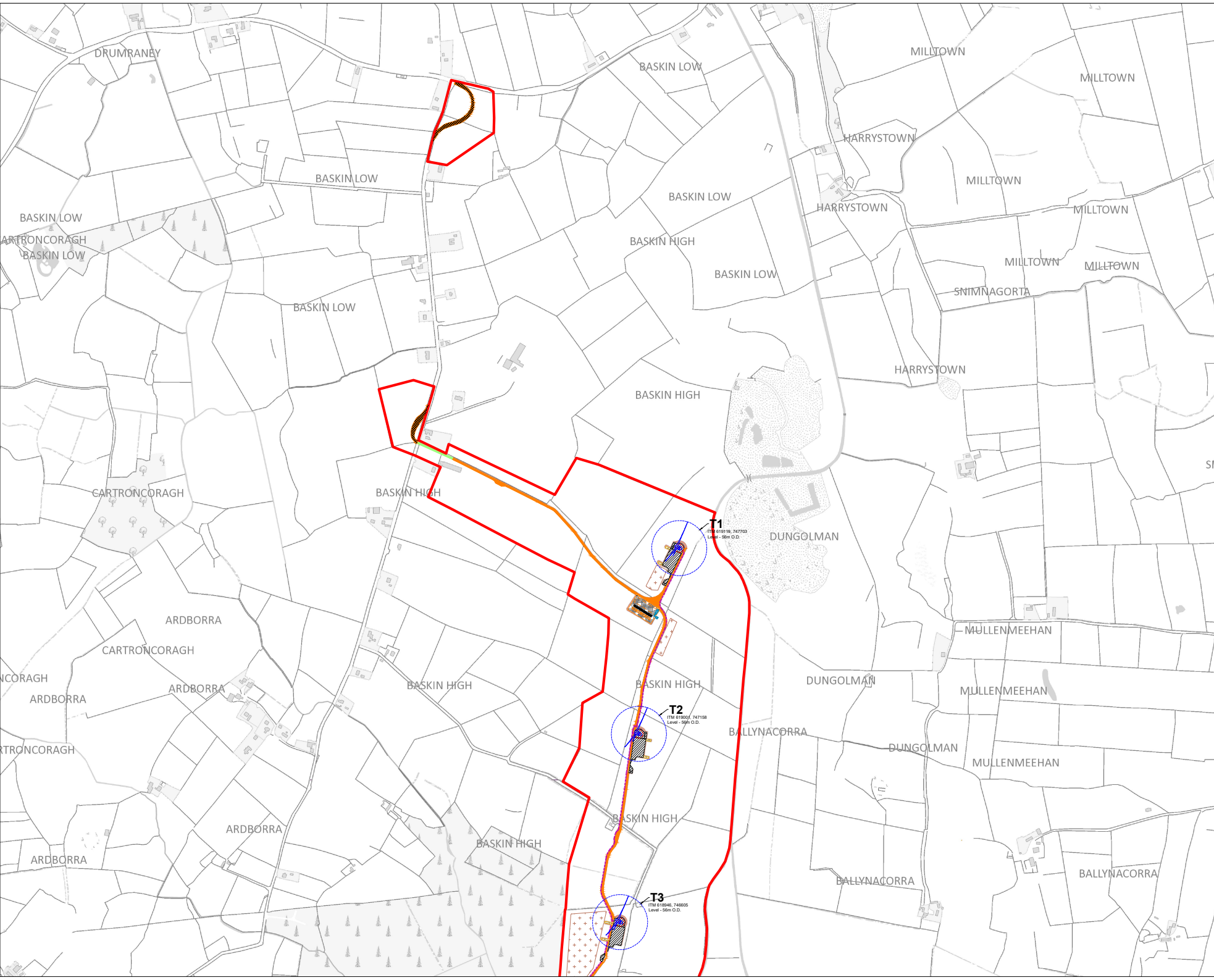
**Date** 06.03.2023

**Job Sheet No.** 2900, 2901, 2969, 2970

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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
- 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/R)
- Cut
- Fill

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

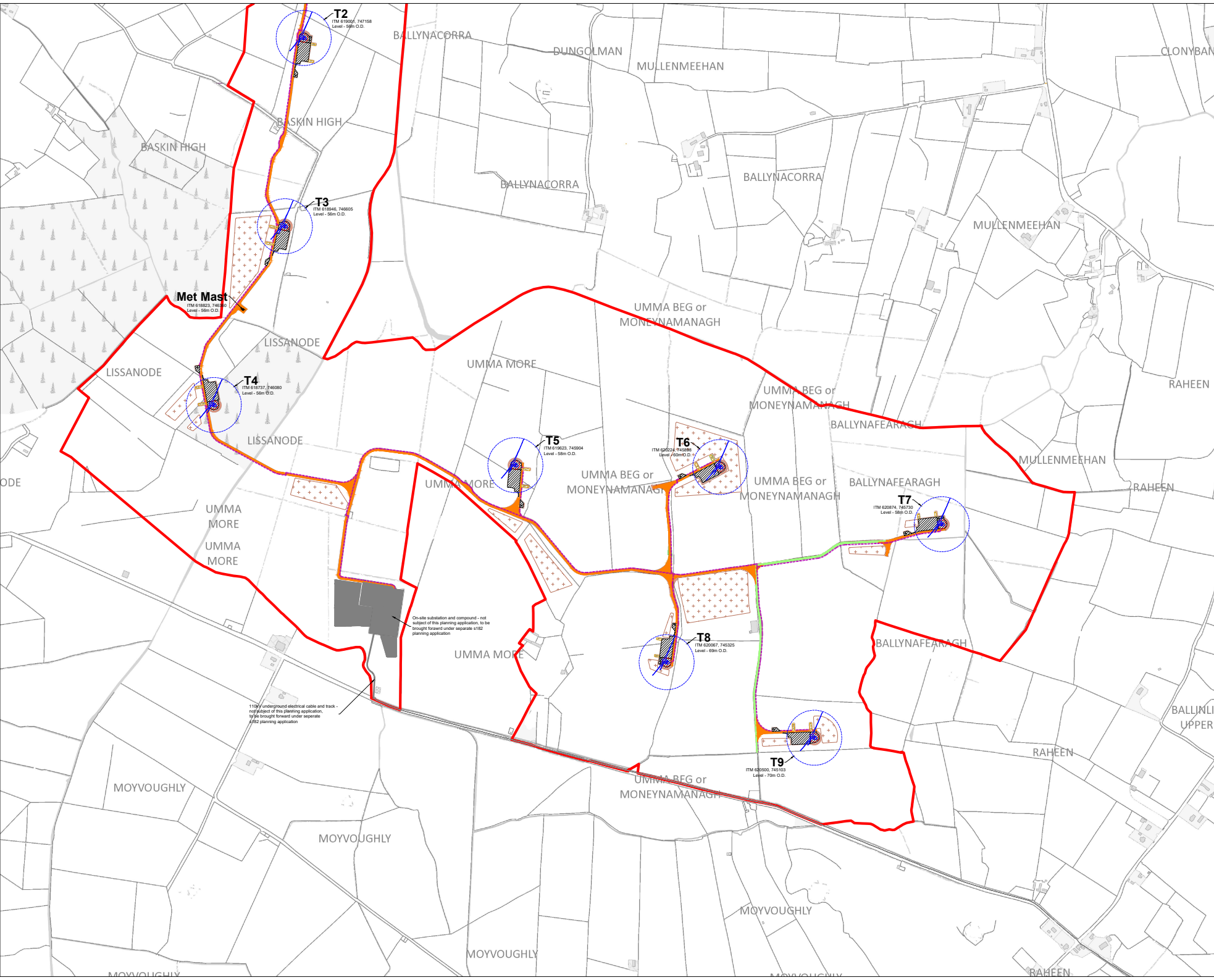
**Umma More Renewable Energy Development, Co. Westmeath**

DRAWING BY: Joseph O'Brien	DRAWING NO: 201050	DRAWING NO: 201050 - 04
PROJECT NO: 201050	SCALE: 1:5,000 @ A1	DATE: 06.03.2023
JOB SHEET NO: 2900, 2901, 2969, 2970		

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

**Drawing Legend**

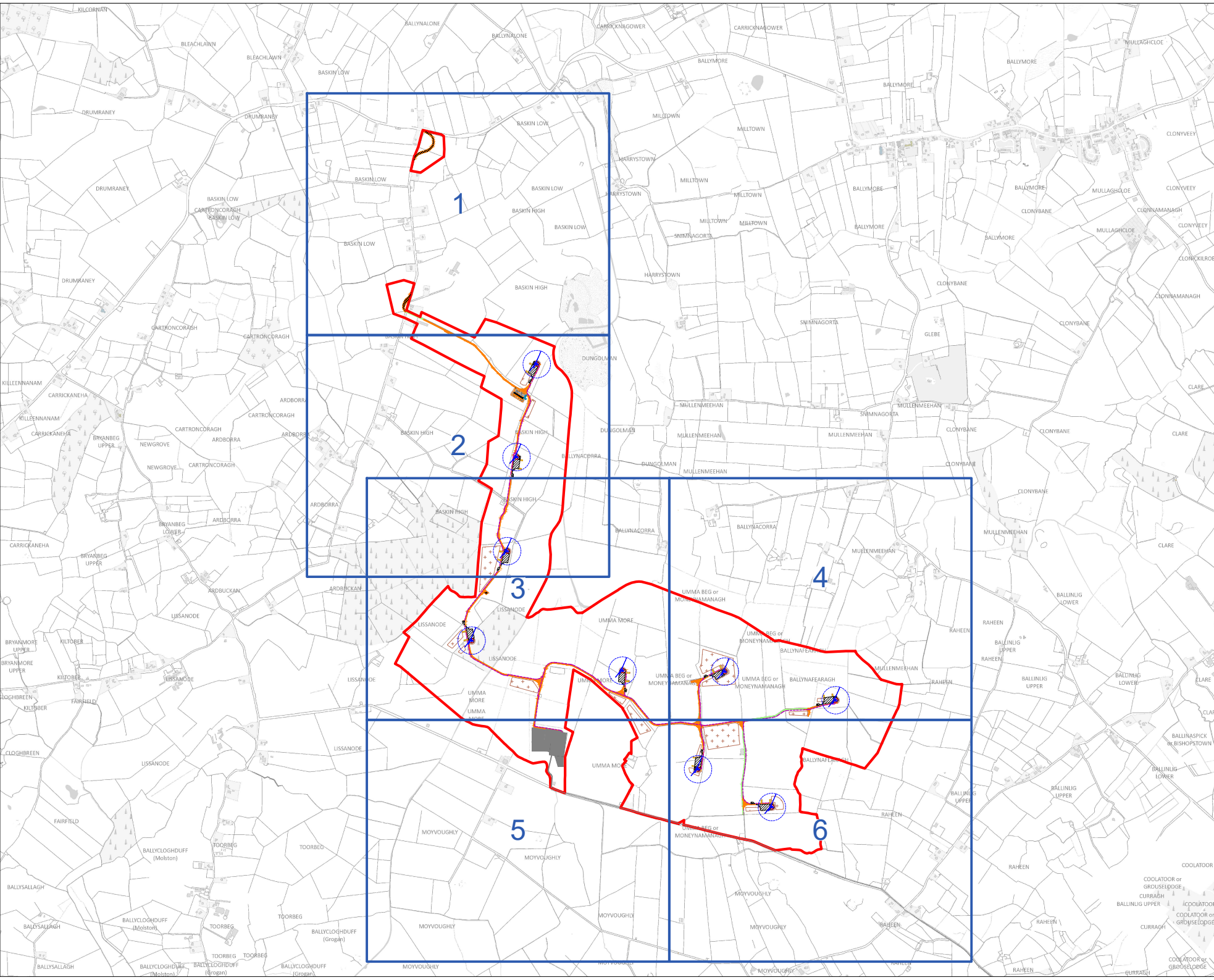
- Planning Application Boundary
- Existing Road to be Upgraded
- Proposed New Road
- Internal Electrical Cabling Trench
- Assembly Areas
- Crane Pad Hardstanding Area
- Turbine Foundation
- Proposed Max. Turbine Sweep Area
- Spoil Management Areas (refer to Section 4.3.3.2 of Chapter 4 of EIA)
- Cut
- 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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  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

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

PROJECT TITLE		PROJECT TITLE	
Umma More Renewable Energy Development, Co. Westmeath		Umma More Renewable Energy Development, Co. Westmeath	
DRAWING BY	Joseph O'Brien	DRAWING BY	Ellen Costello
PROJECT NO.	201050	PROJECT NO.	201050 - 06
SCALE	1:10,000 @ A1	SCALE	1:10,000 @ A1
DATE	06.03.2023	DATE	06.03.2023
JOB SHEET NO.	2900, 2901, 2969, 2970	JOB SHEET NO.	2900, 2901, 2969, 2970

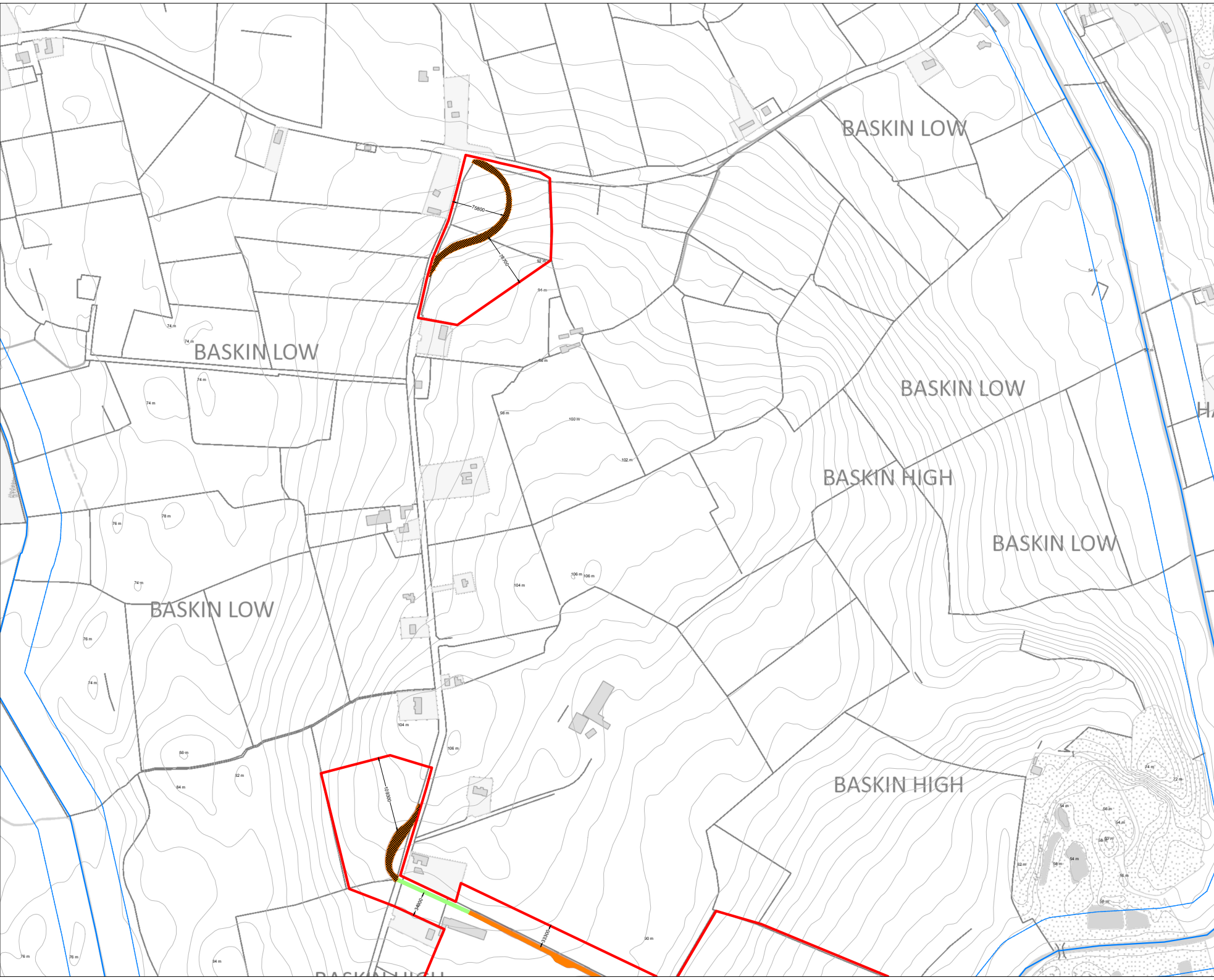


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  7. Layout plans show Turbine rotor diameter as per turbine drawing.
  8. Final levels may vary depending on local ground conditions.

**Drawing Legend**

- Planning Application Boundary
- 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

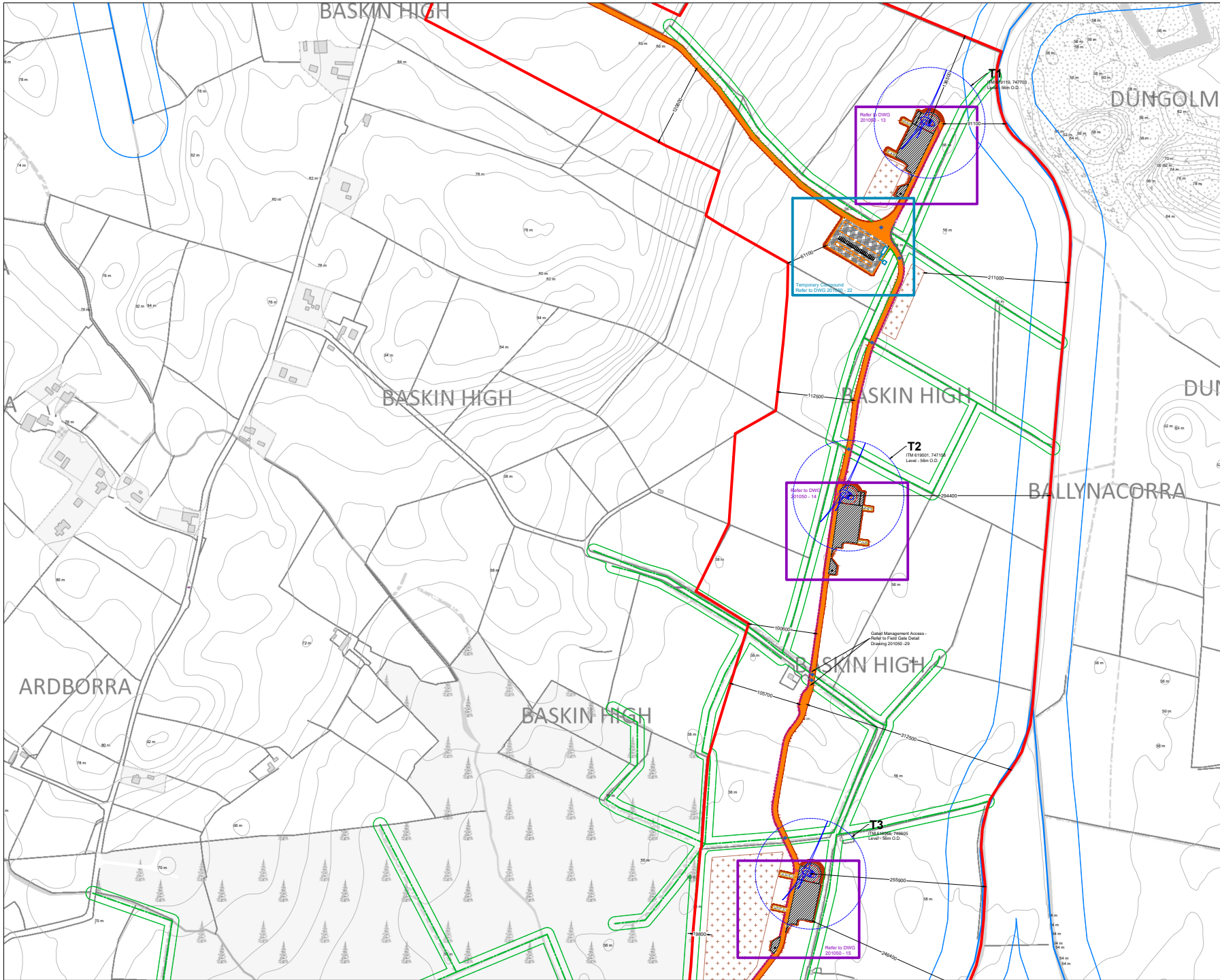
**DRAWING BY** Joseph O'Brien **CHECKED BY** Ellen Costello

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

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

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

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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

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

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

**DRAWING BY**  
Joseph O'Brien

**CHECKED BY**  
Ellen Costello

**PROJECT NO.**  
201050

**DATE**  
201050 - 08

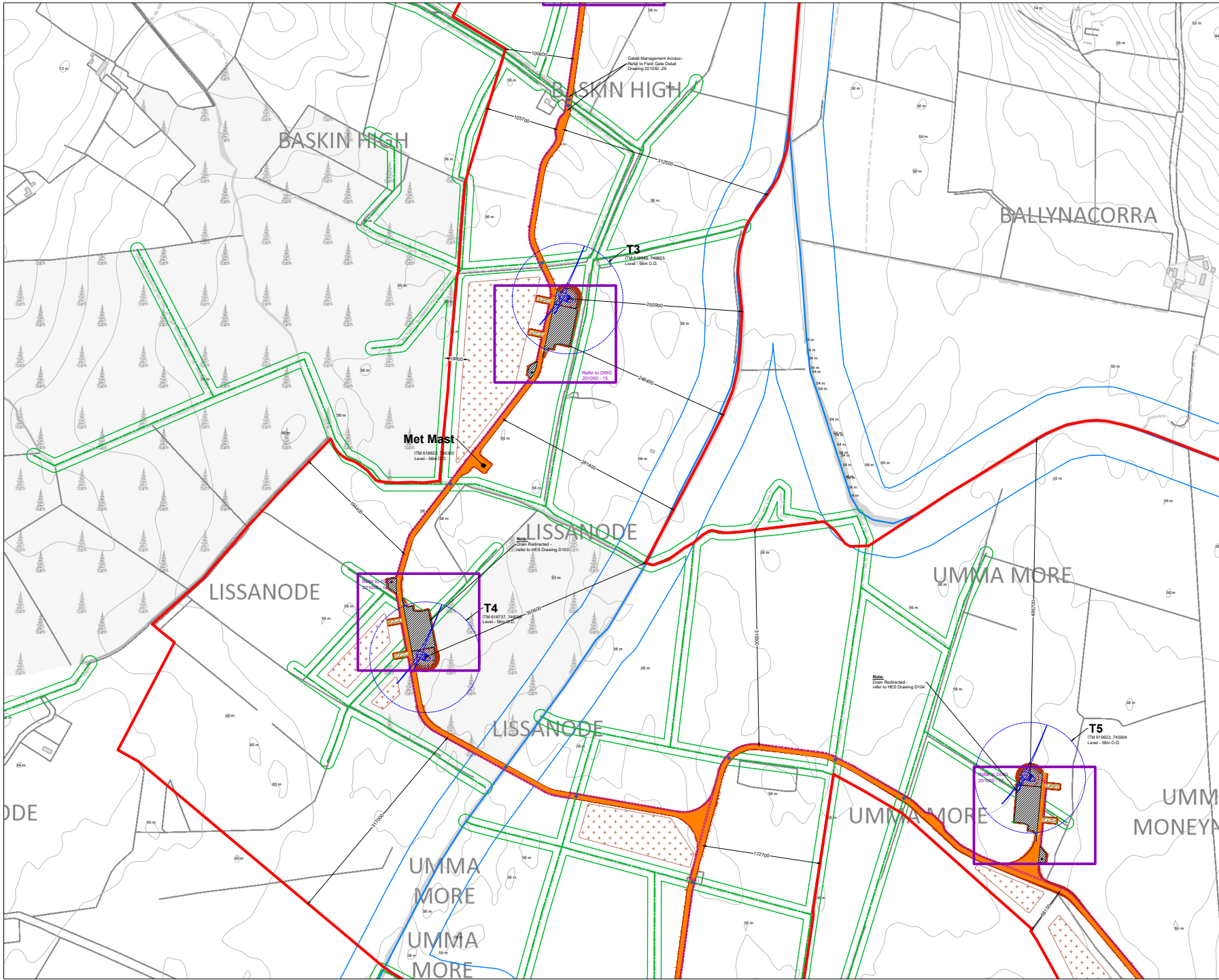
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1:2,500 @ A1

**DATE**  
09.03.2023

**OS 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
- 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 EIA)
- Culvert Crossing (Refer to HES Drawings)
- Watercourse
- Watercourse 50m Buffer
- Drains
- Drain 10m Buffer
- Cut
- Fill

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**Site Layout 1:2,500**  
**Sheet 3 of 6**

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

**DRAWING BY**  
Joseph O'Brien

**DESIGNED BY**  
Ellen Costello

**PROJECT NO.**  
201050

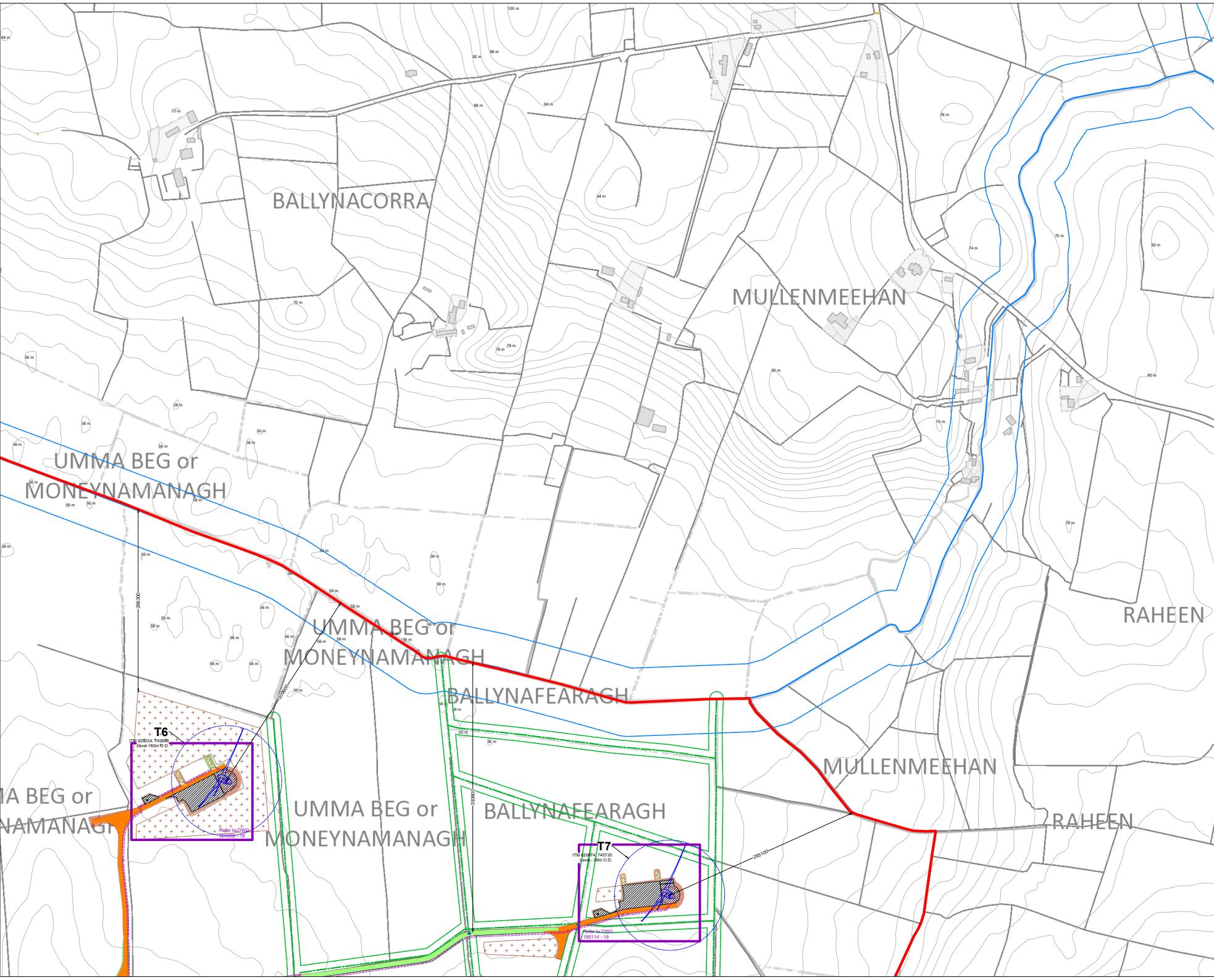
**DATE**  
201050 - 09

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

**DATE**  
09.03.2023

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

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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
- 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

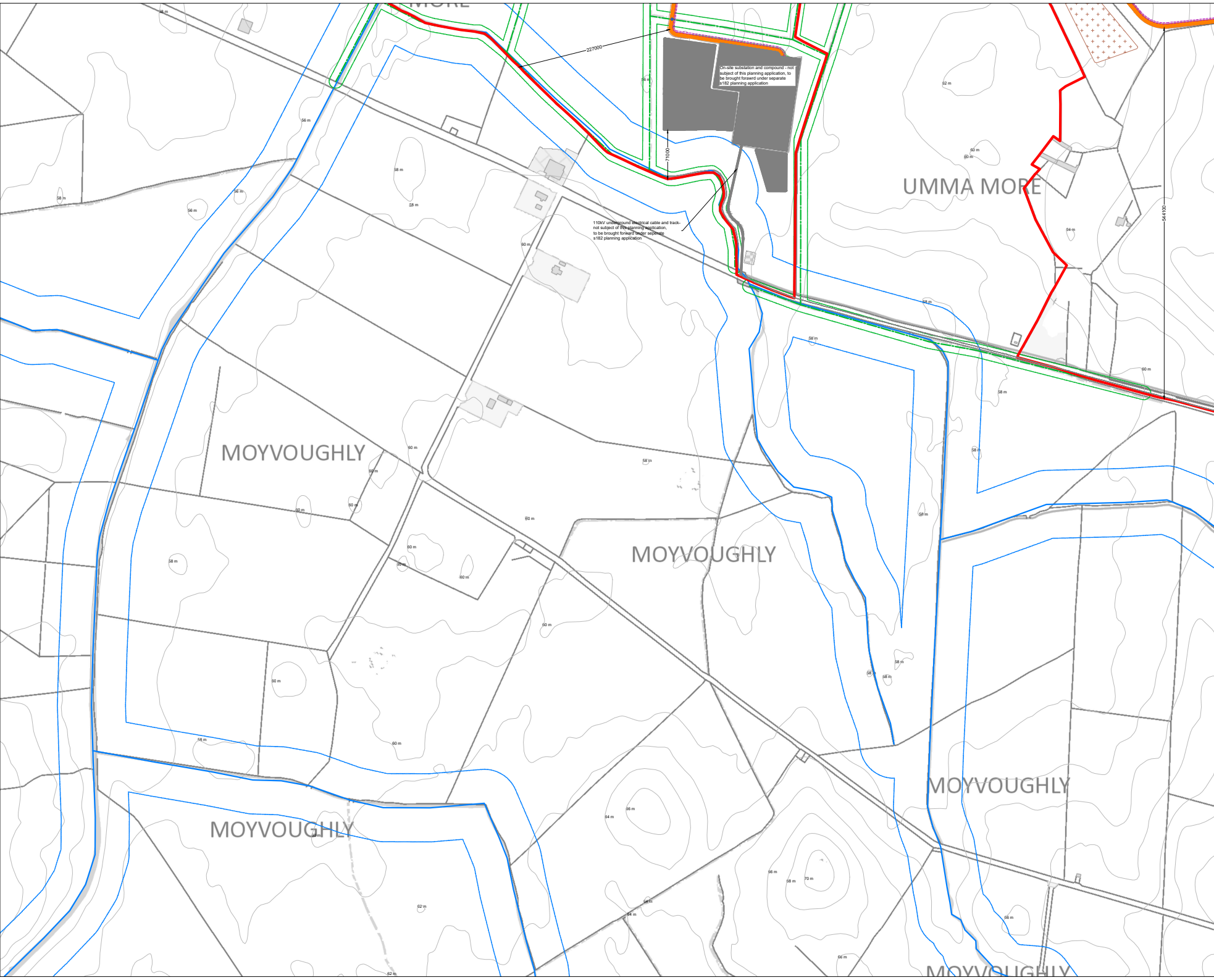


DRAWING TITLE	
<b>Site Layout 1:2,500</b>	
<b>Sheet 4 of 6</b>	
PROJECT TITLE	
<b>Umma More Renewable Energy Development, Co. Westmeath</b>	
DRAWING BY	CHECKED BY
<b>Joseph O'Brien</b>	<b>Ellen Costello</b>
PROJECT No.	DRAWING No.
<b>201050</b>	<b>201050 - 10</b>
SCALE	DATE
<b>1:2,500 @ A1</b>	<b>06.03.2023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



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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
- Spoil 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

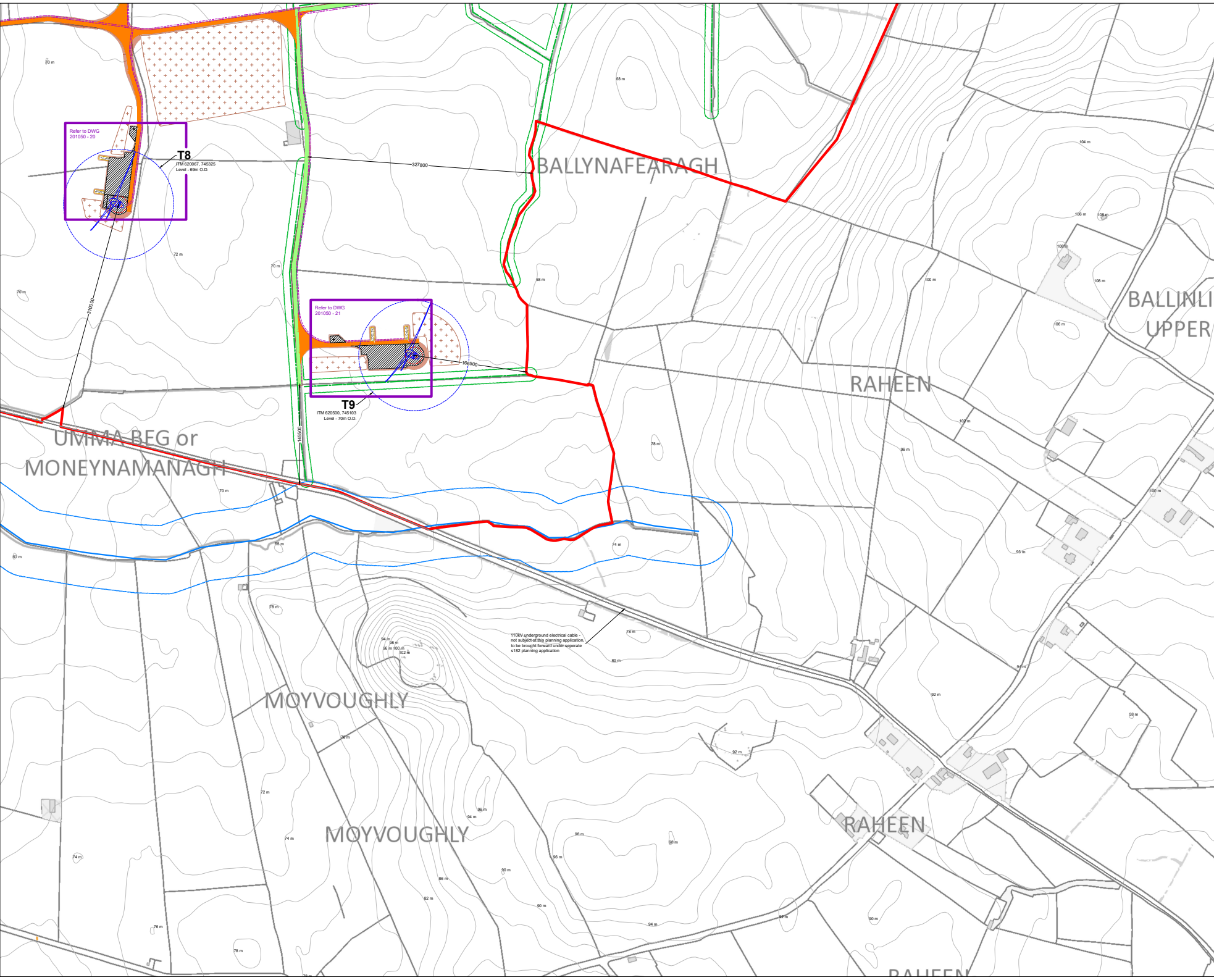


DRAWING TITLE: <b>Site Layout 1:2,500 Sheet 5 of 6</b>	
PROJECT TITLE: <b>Umma More Renewable Energy Development, Co. Westmeath</b>	
DRAWING BY: <b>Joseph O'Brien</b>	DRAWING BY: <b>Ellen Costello</b>
PROJECT NO: <b>201050</b>	DRAWING NO.: <b>201050 - 11</b>
SCALE: <b>1:2,500 @ A1</b>	DATE: <b>06.03.2023</b>
JOB SHEET NO.: <b>2900, 2901, 2969, 2970</b>	



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**Drawing Legend**

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- 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: <b>Site Layout 1:2,500 Sheet 6 of 6</b>	
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 - 12</b>
SCALE: <b>1:2,500 @ A1</b>	DATE: <b>06.03.2023</b>
JOB SHEET No.: 2900, 2901, 2969, 2970	



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