Cush Wind Farm

Planning Drawings

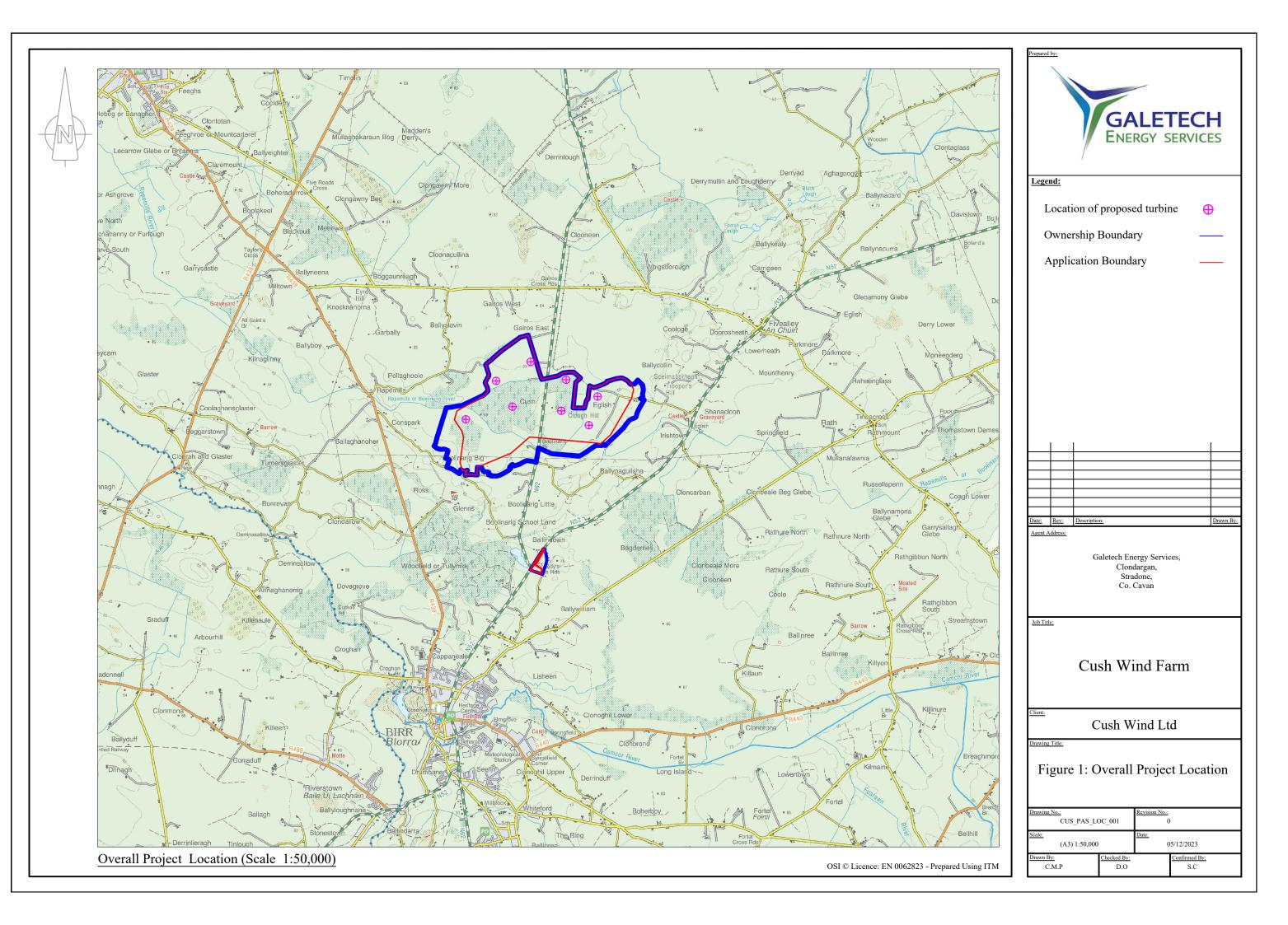
Contents

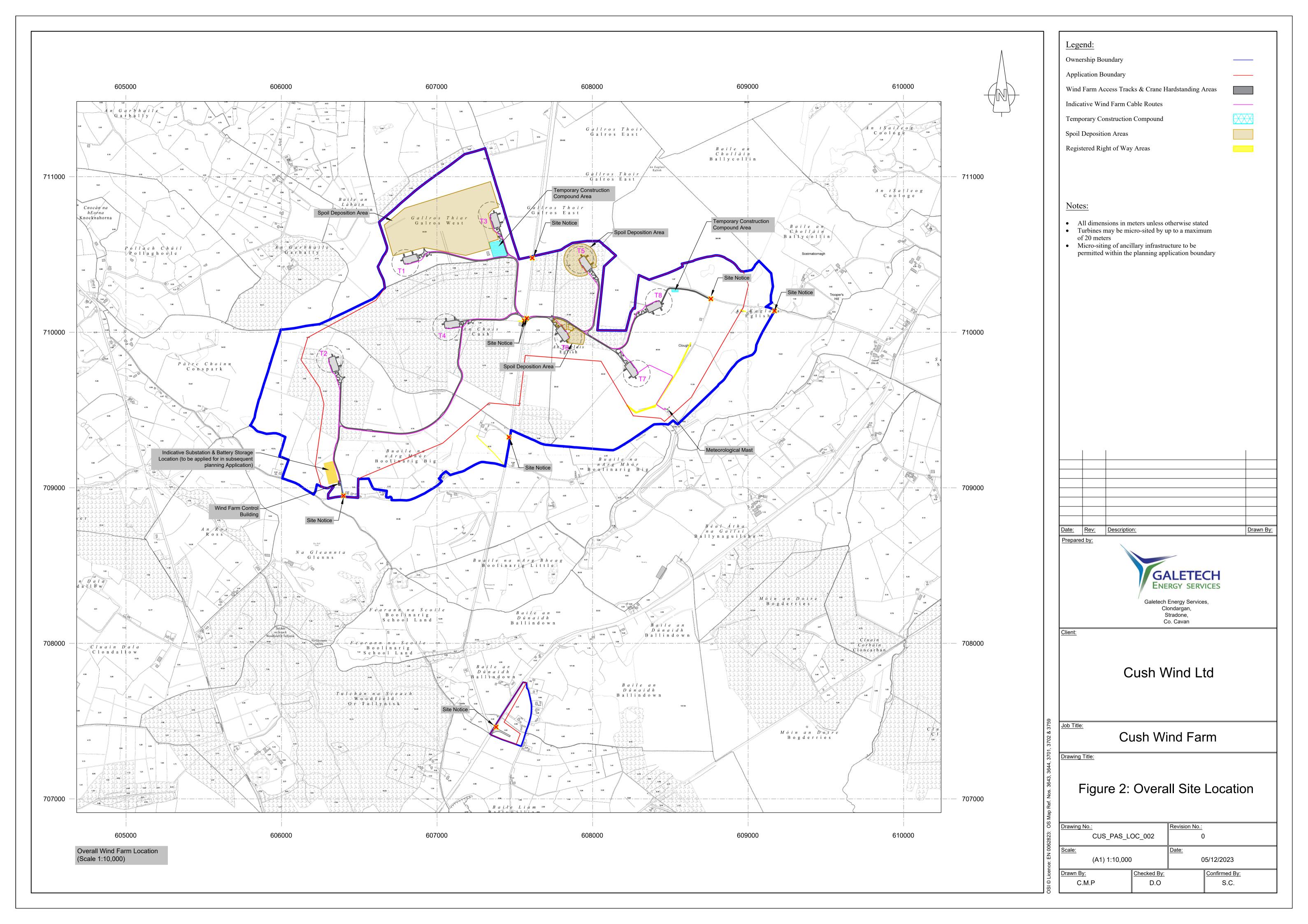
Figure 1

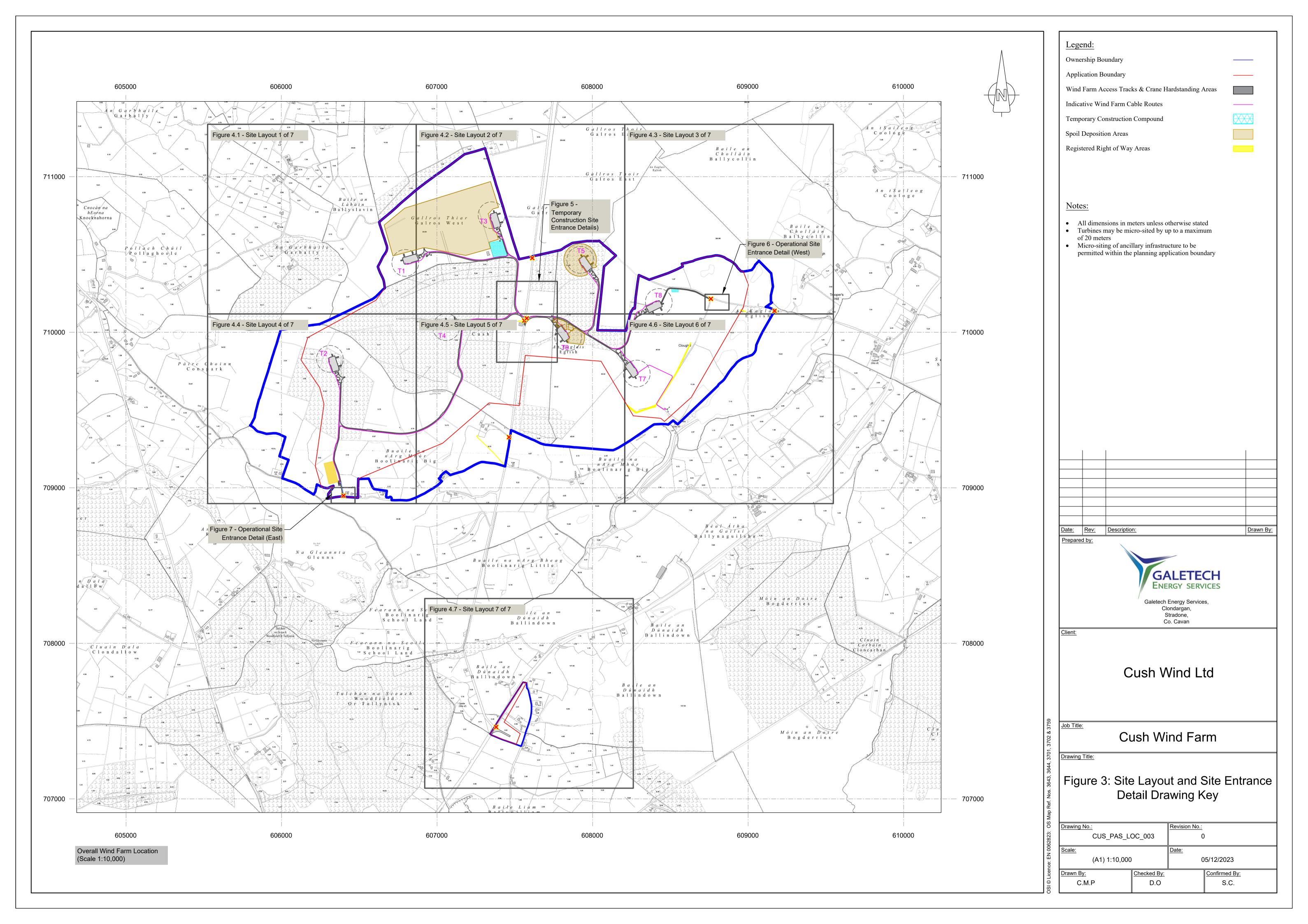
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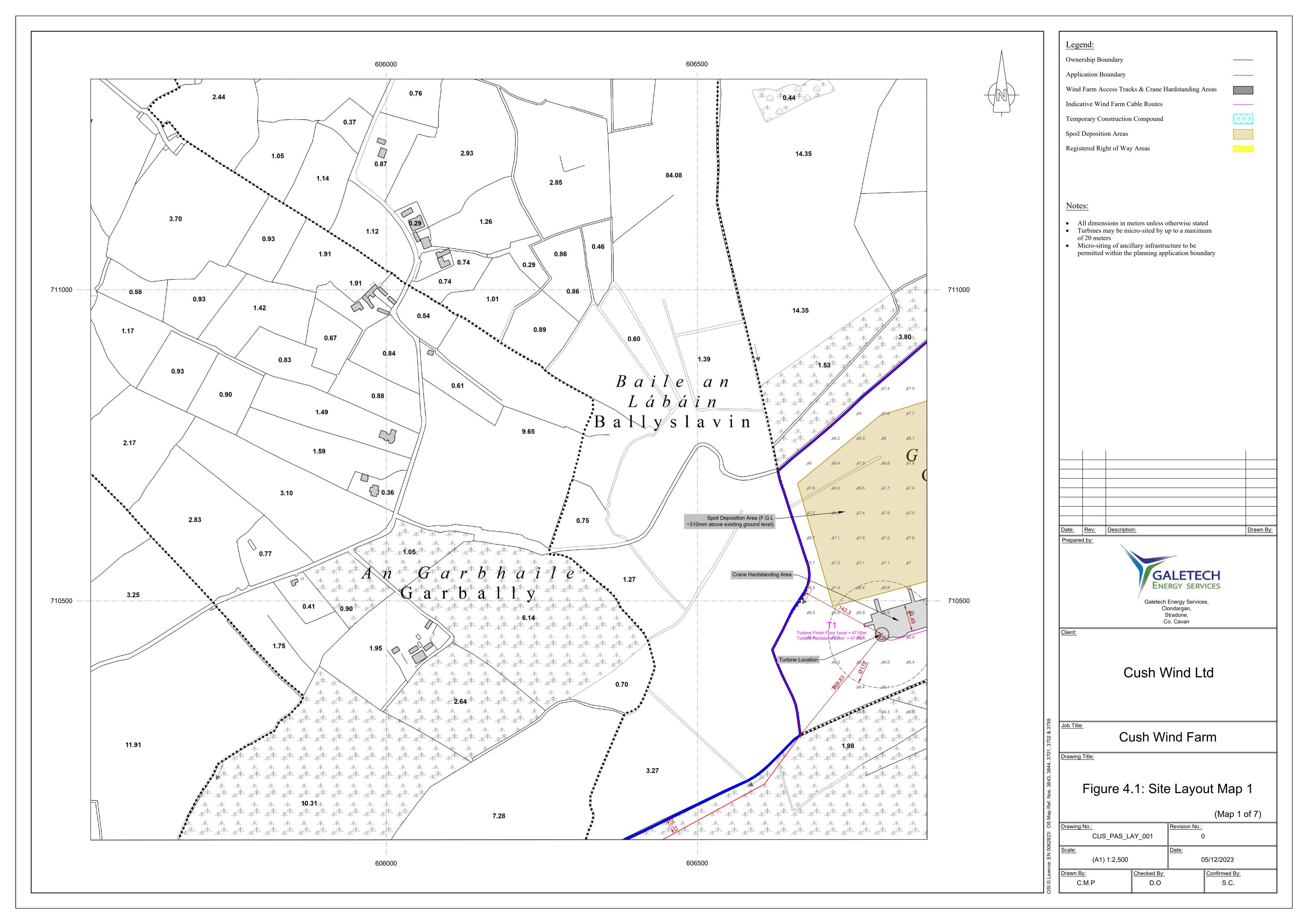
Overall Project Location

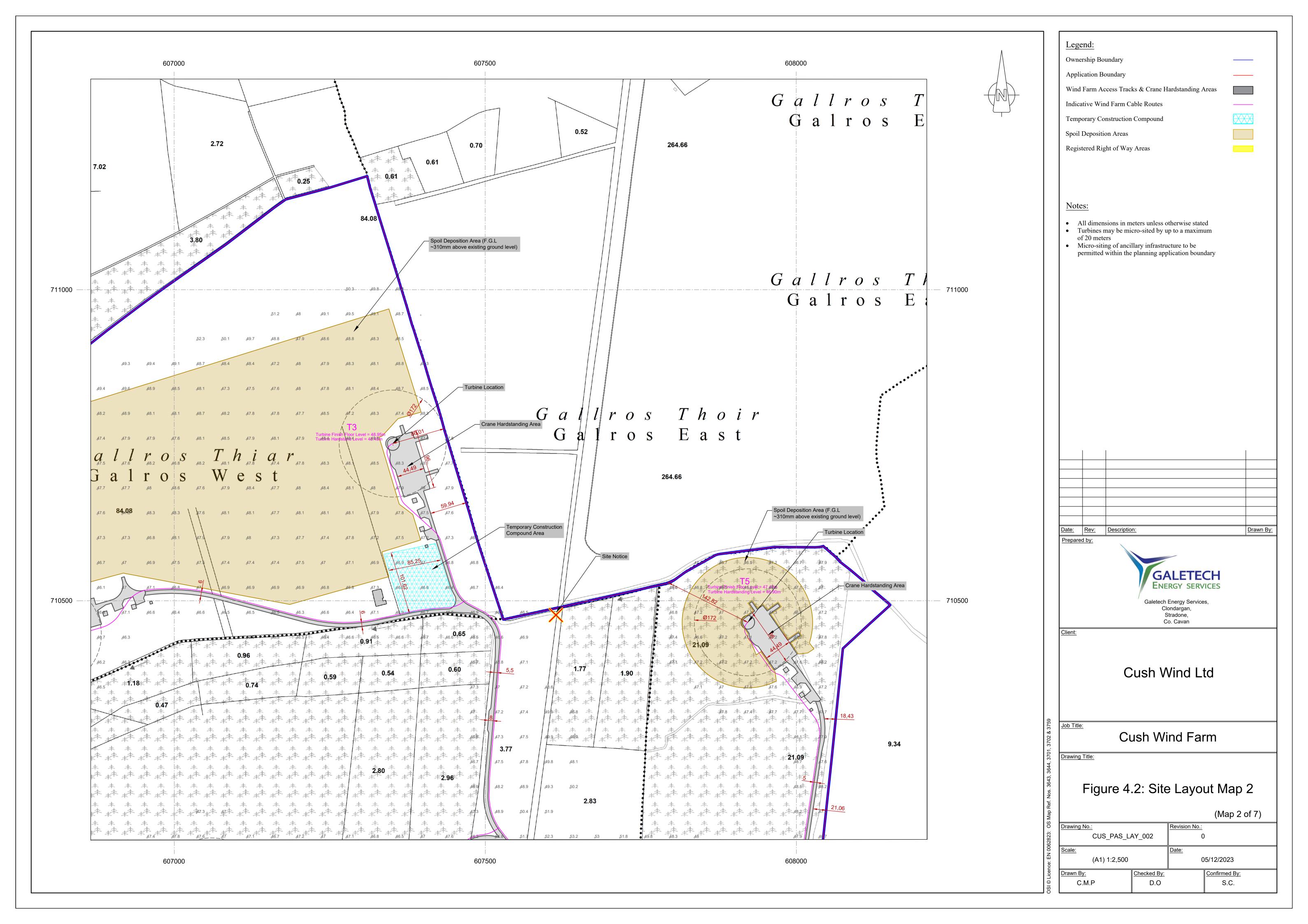
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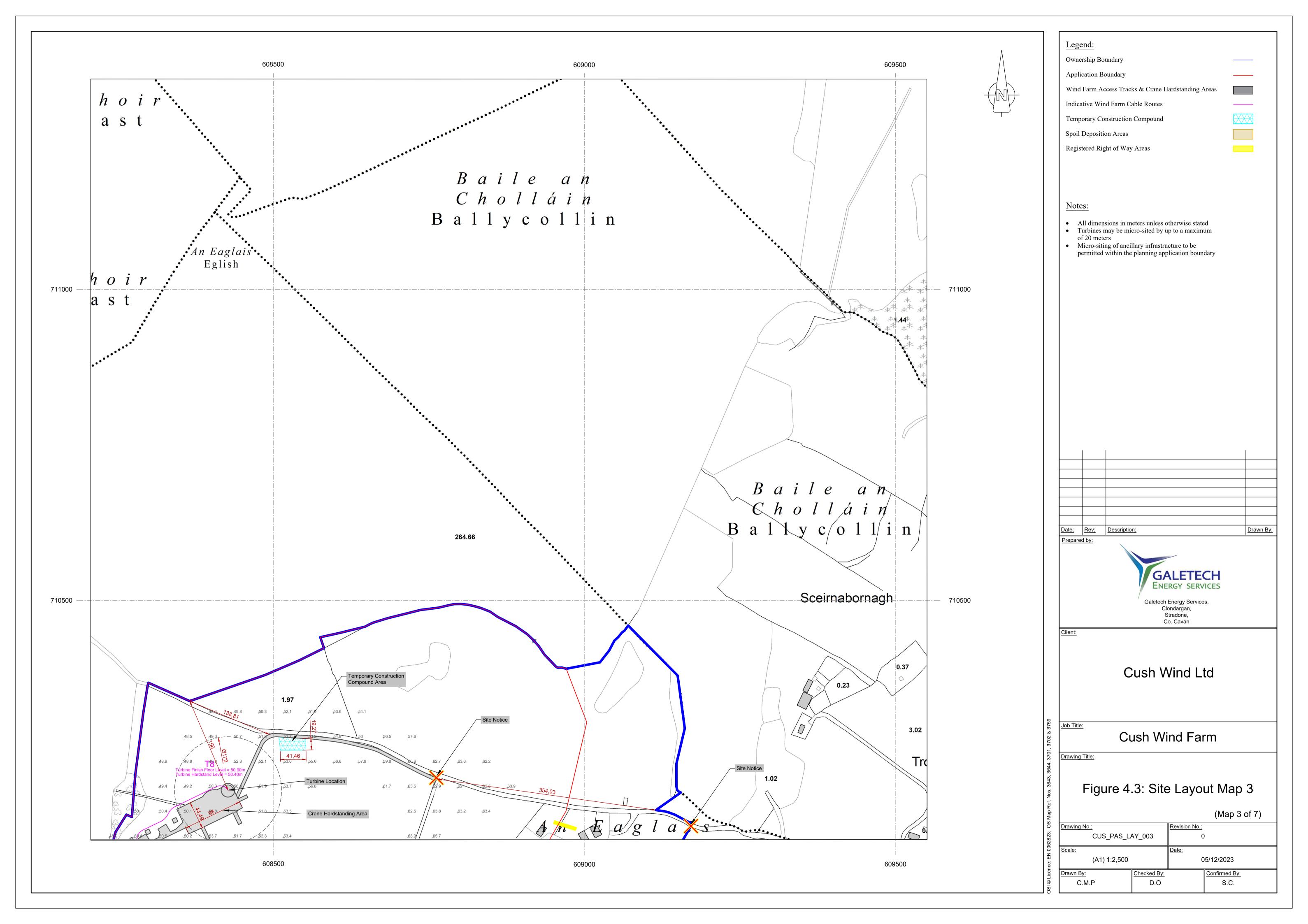


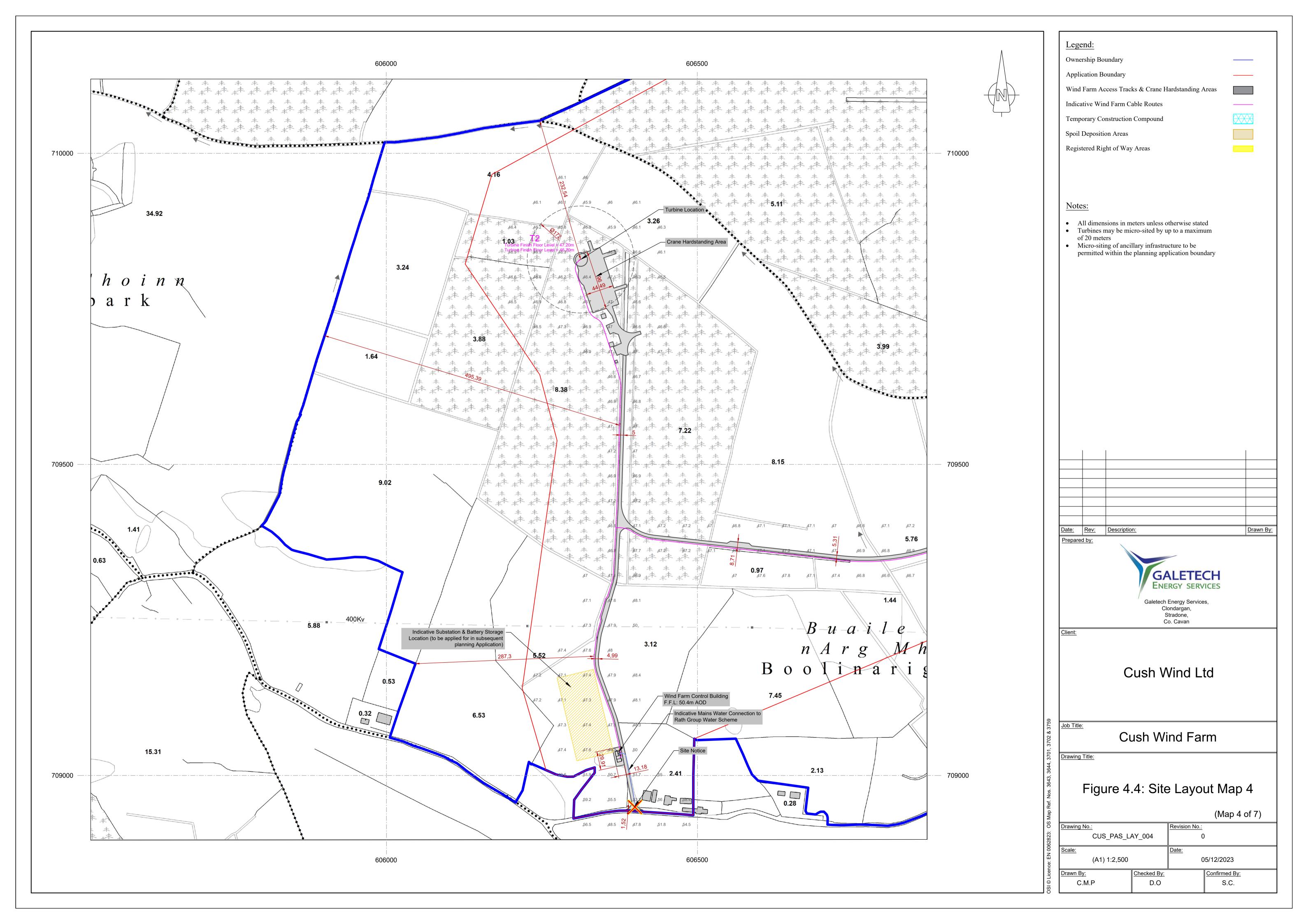


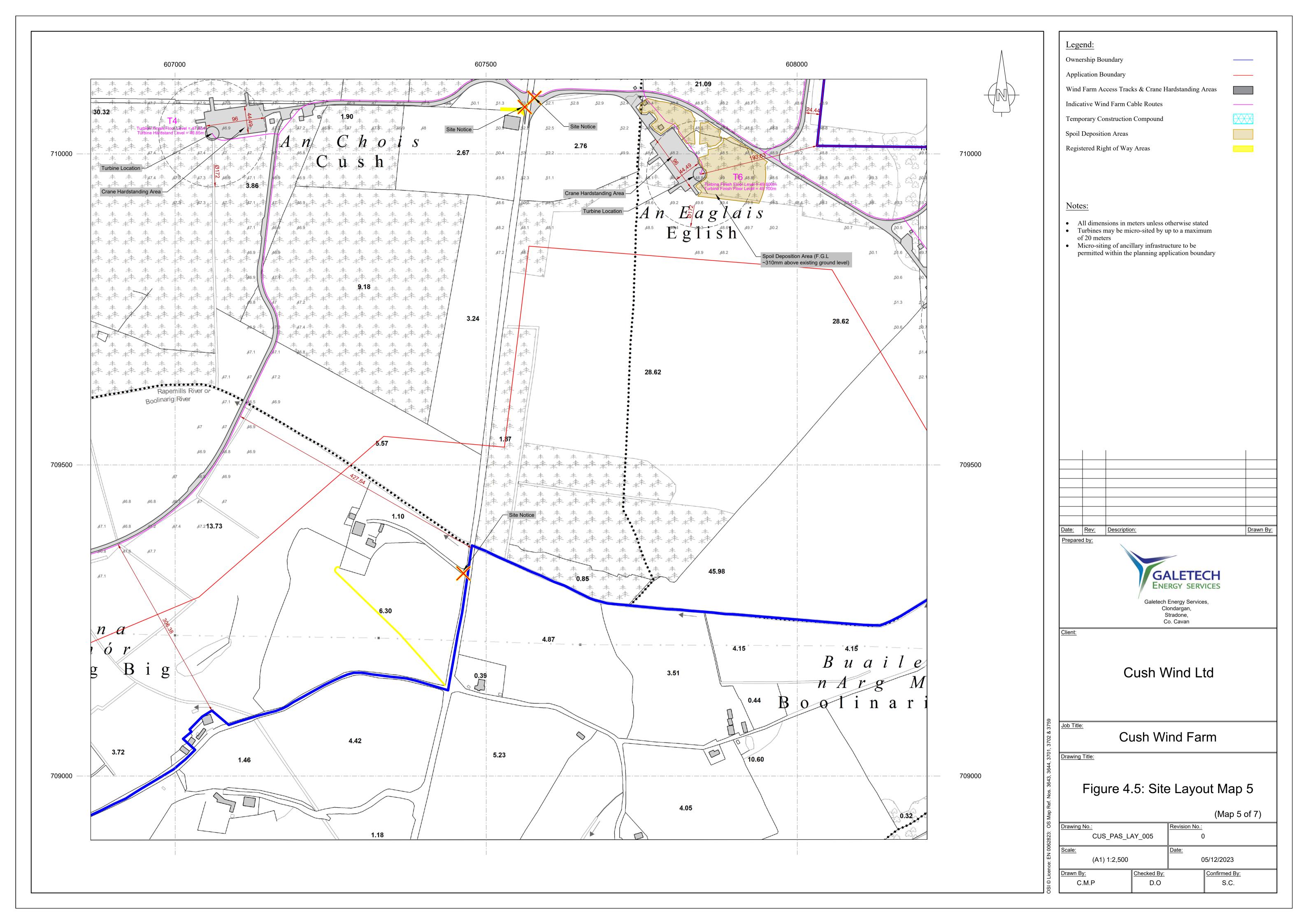


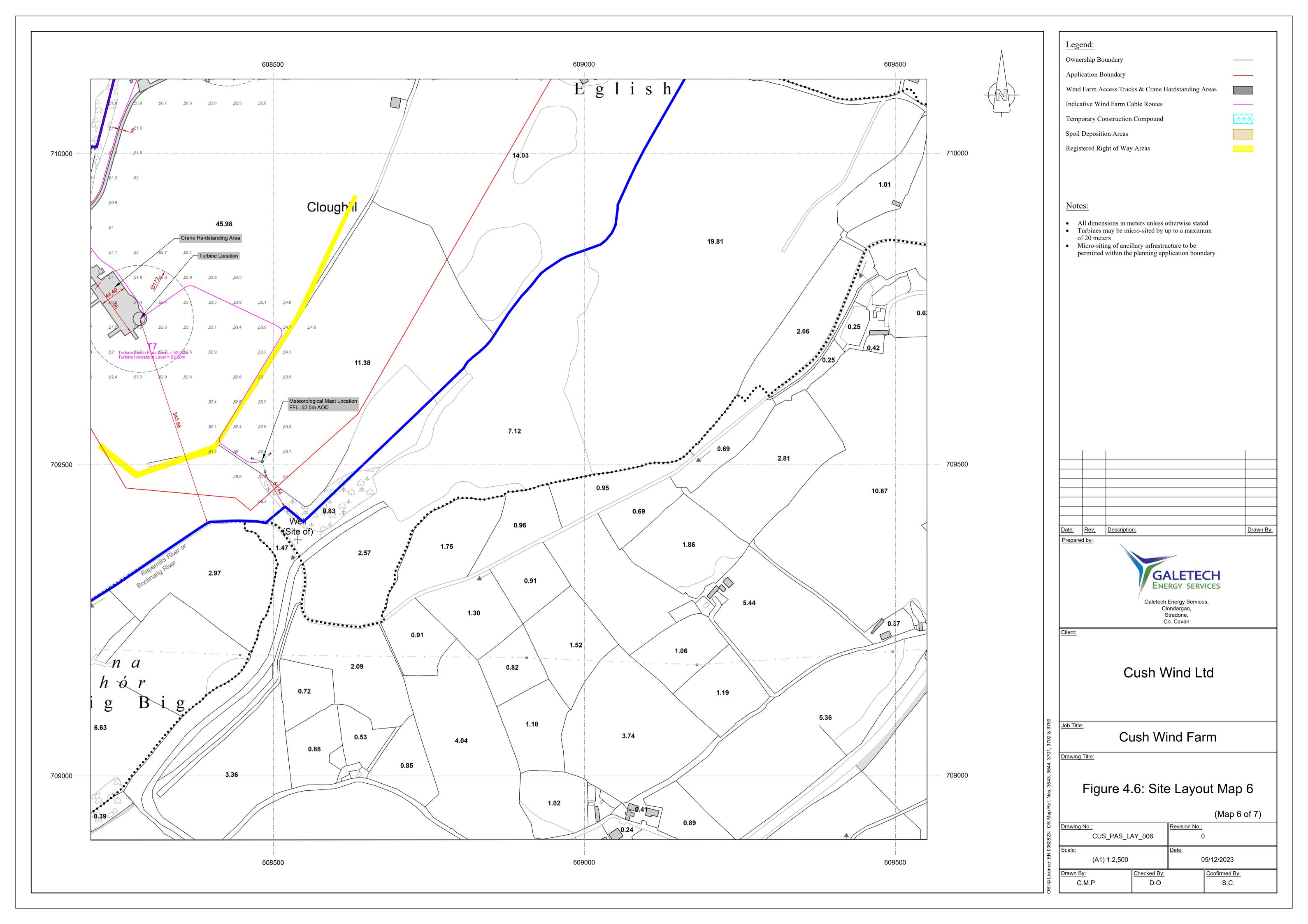


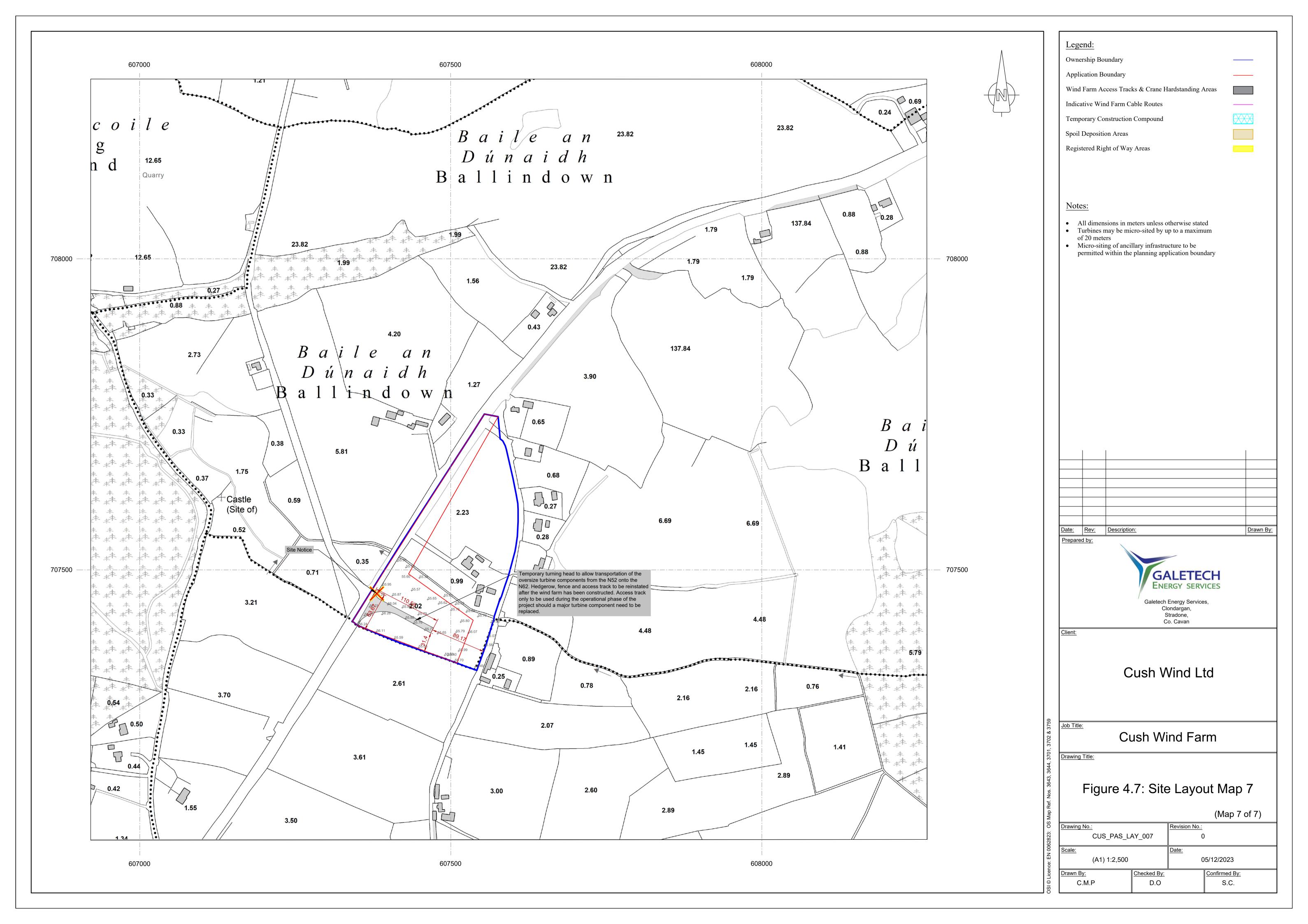


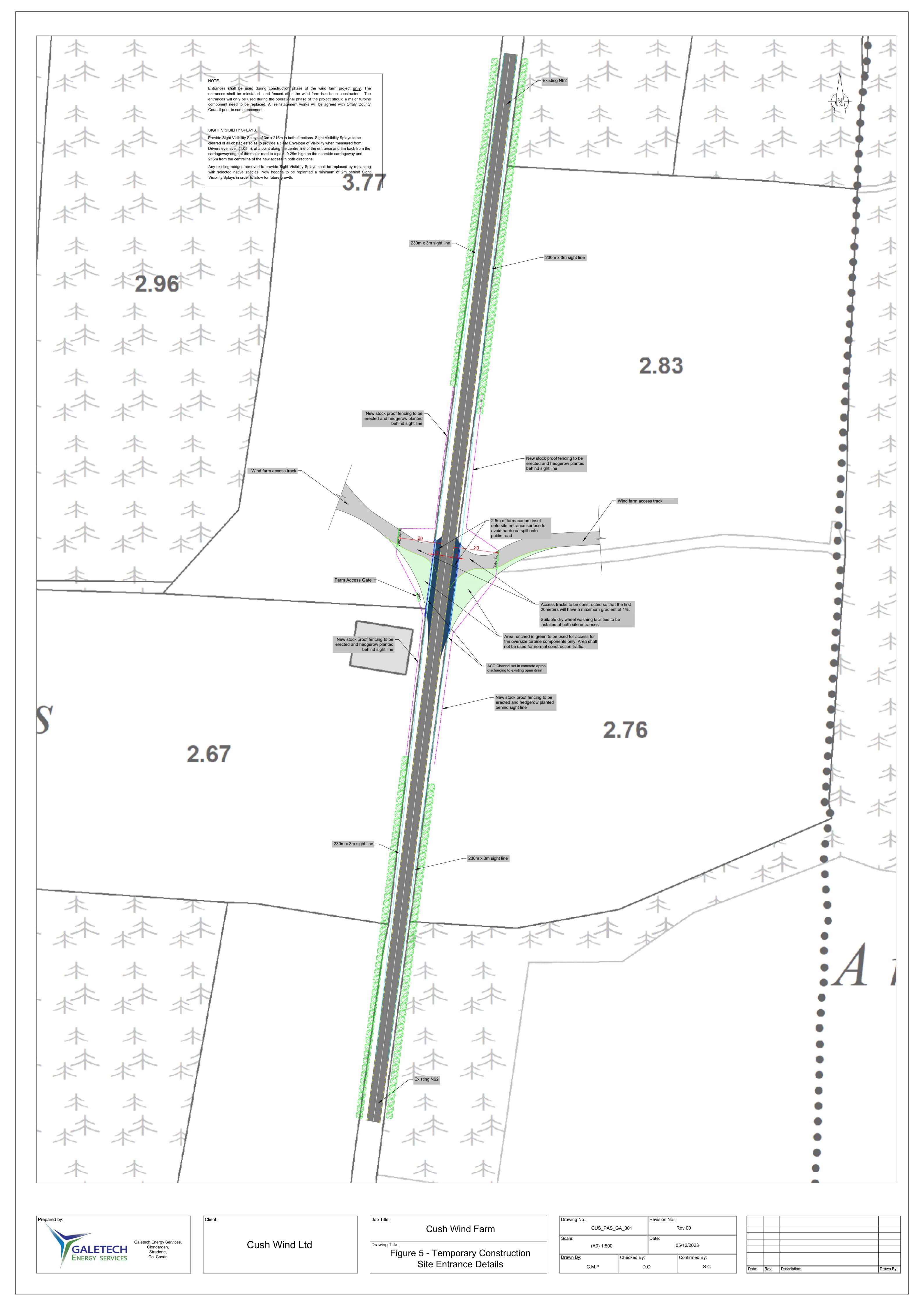


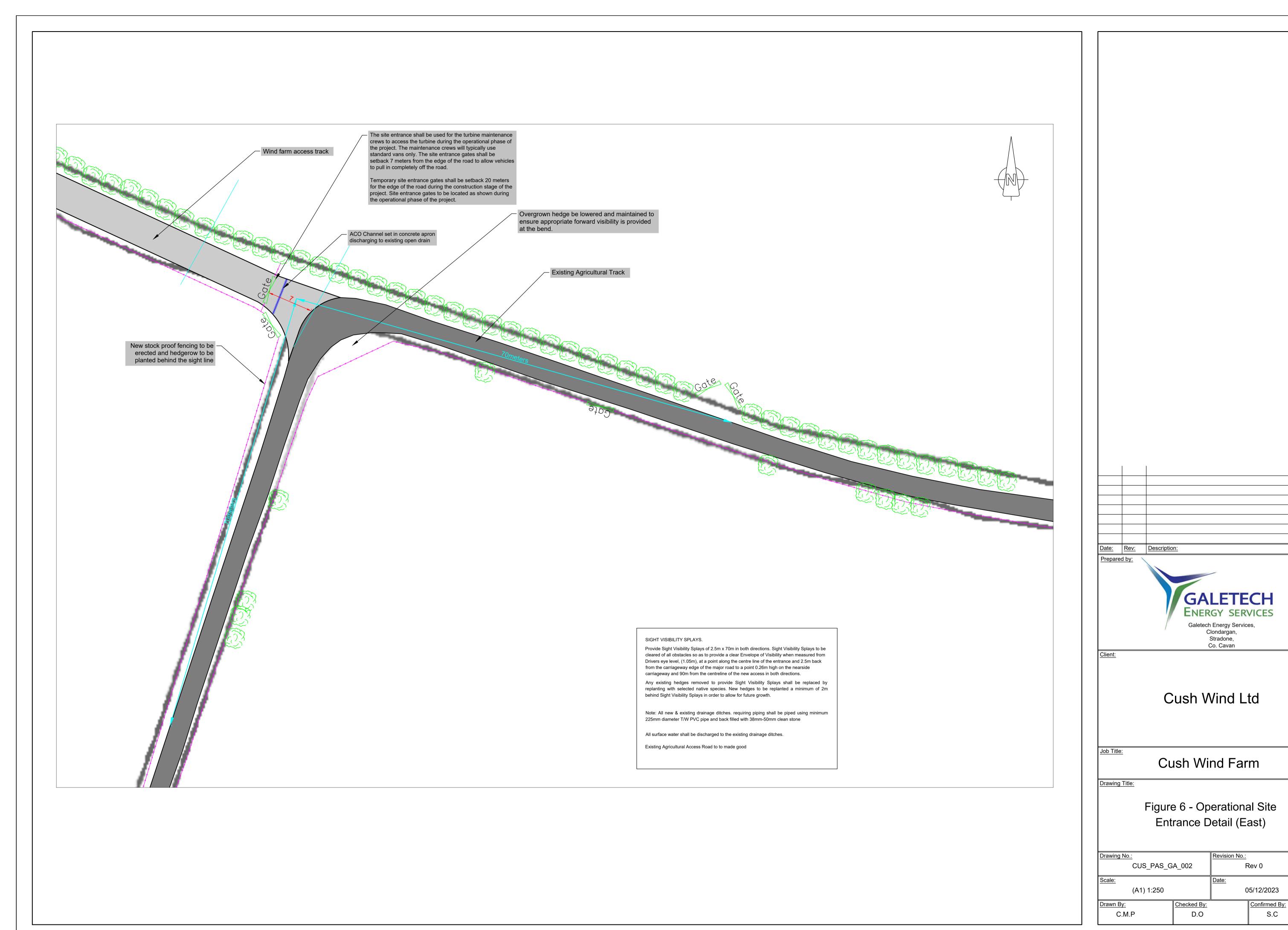




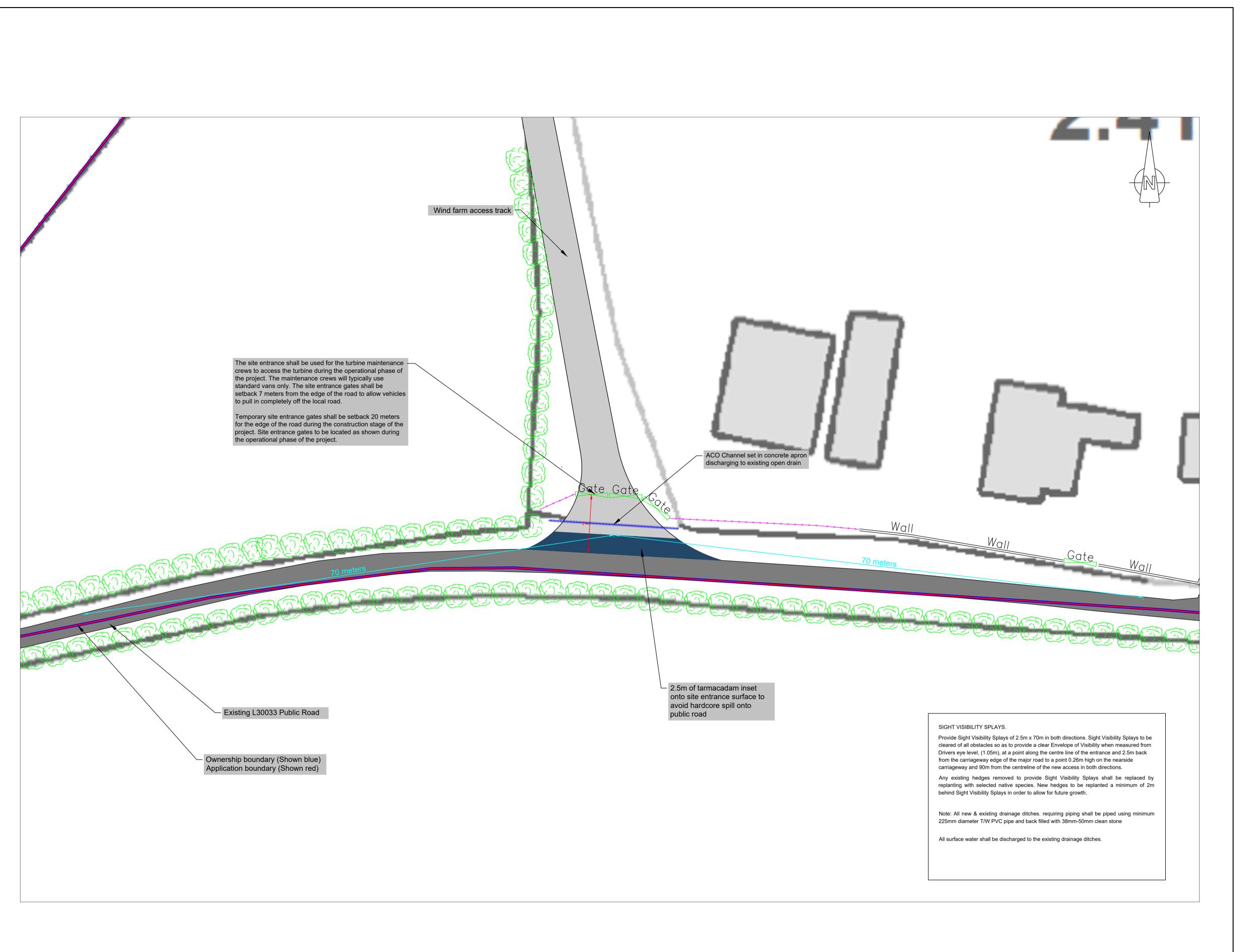








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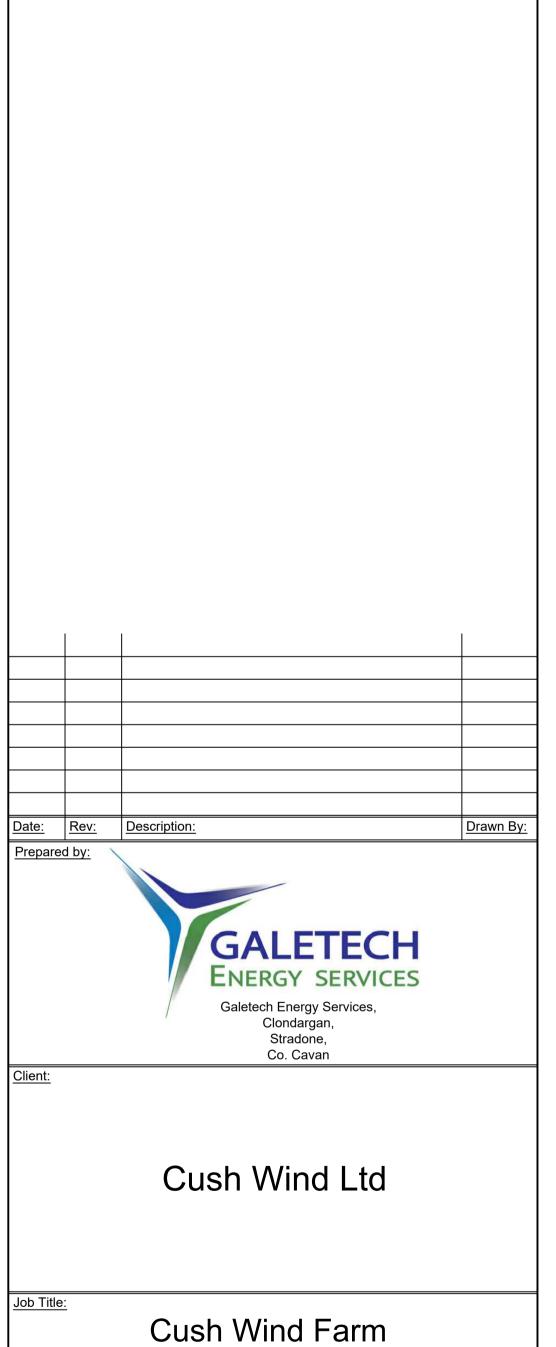


Figure 7 - Operational Site

Entrance Detail (West)

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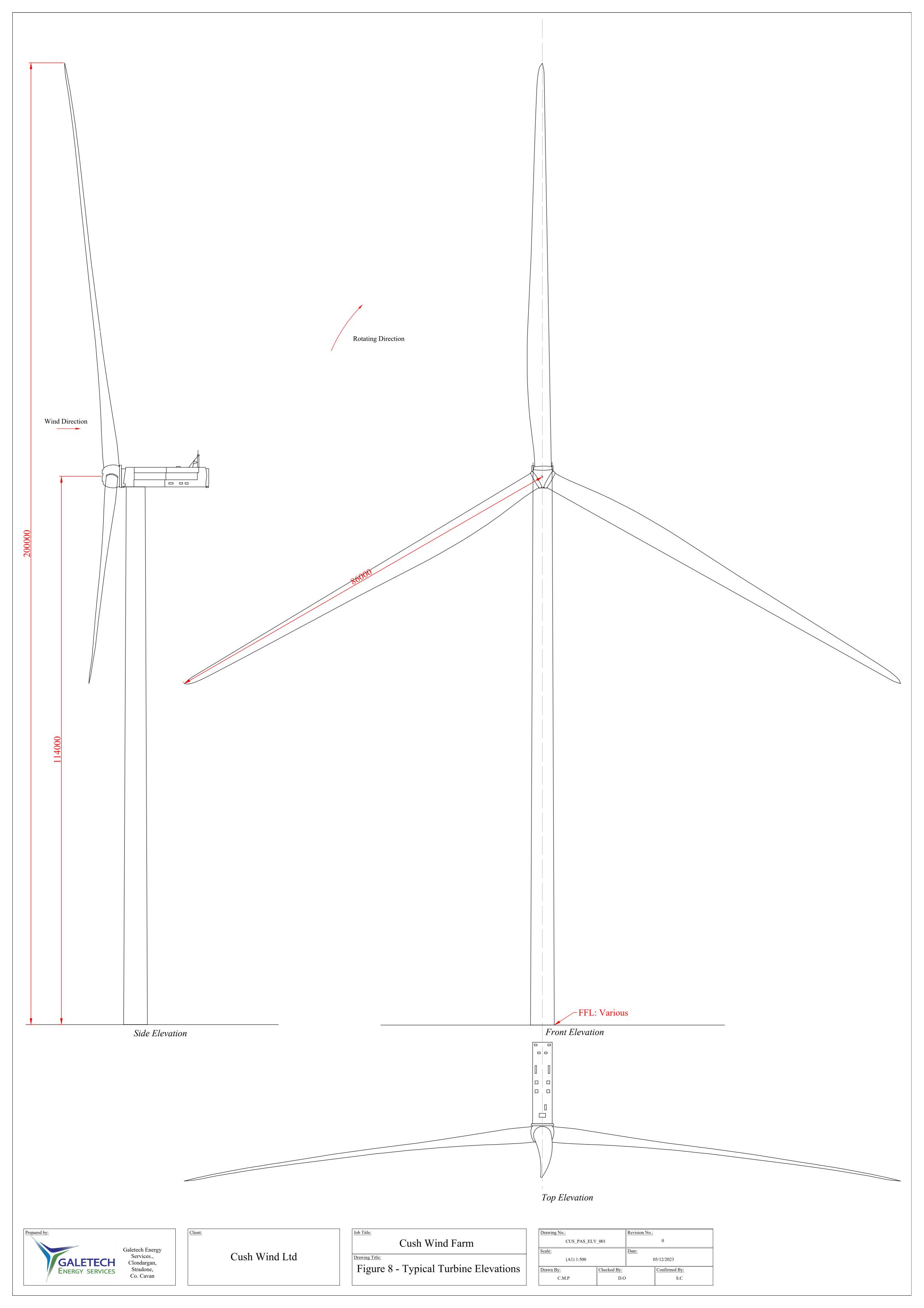
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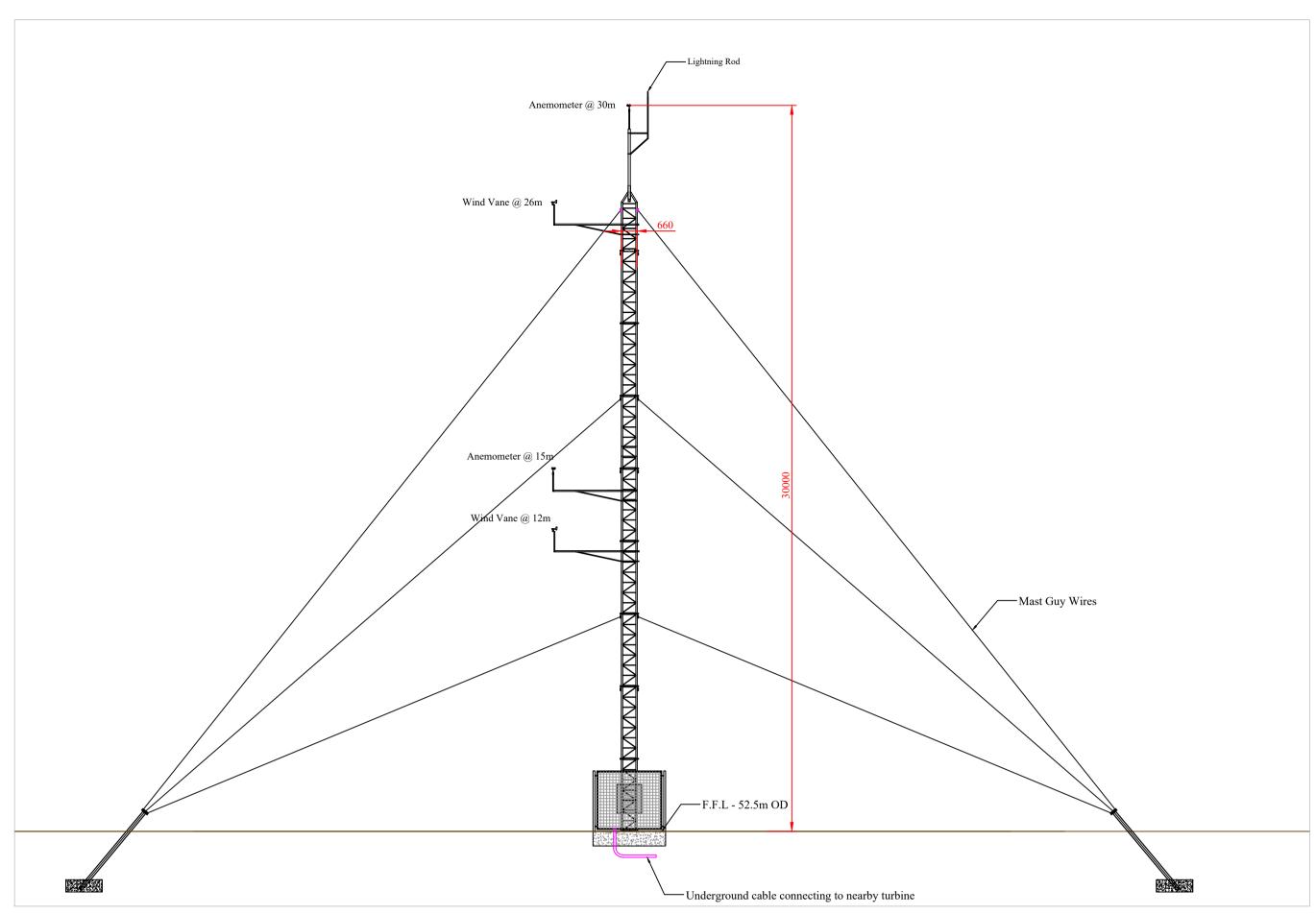
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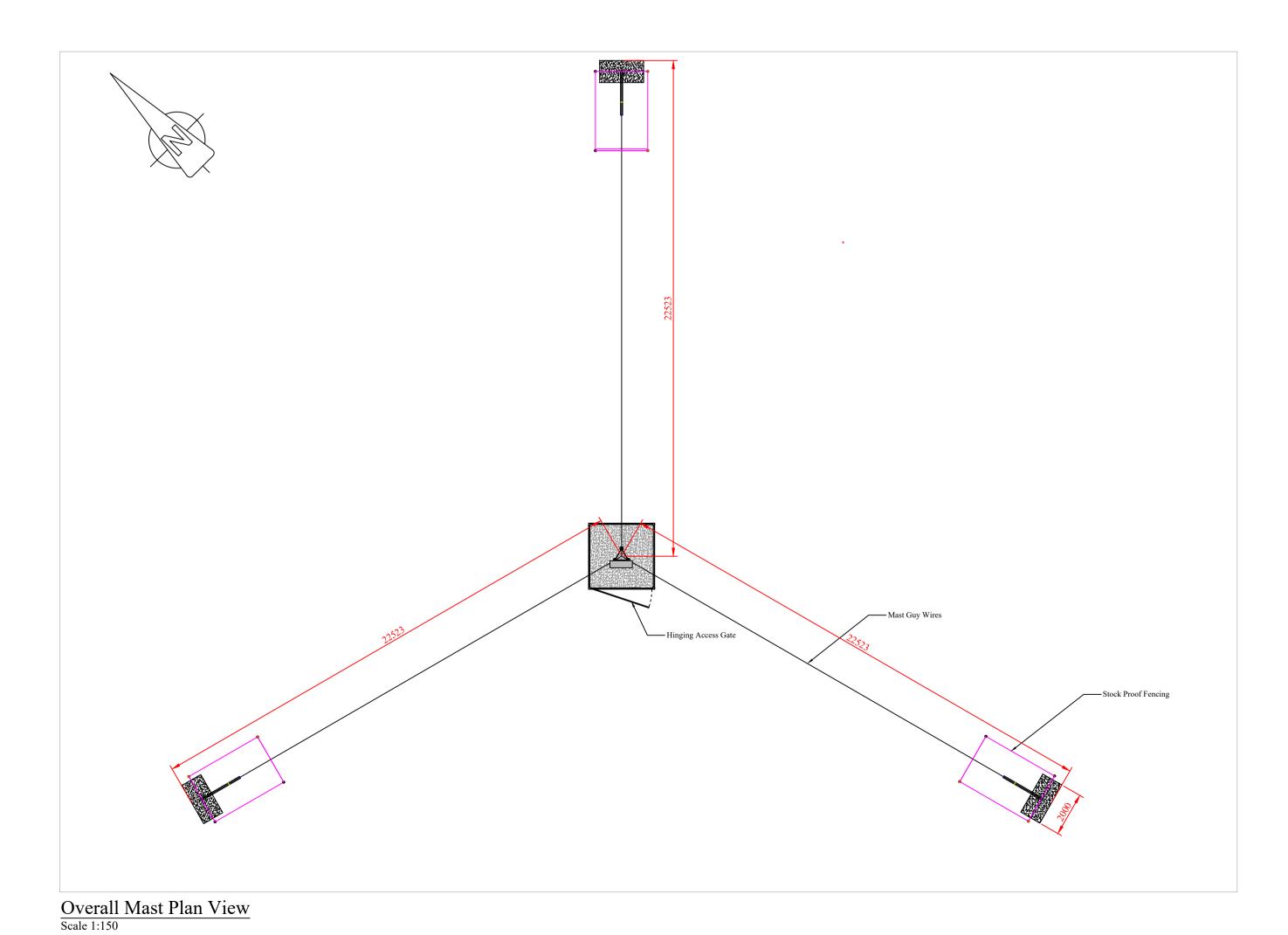
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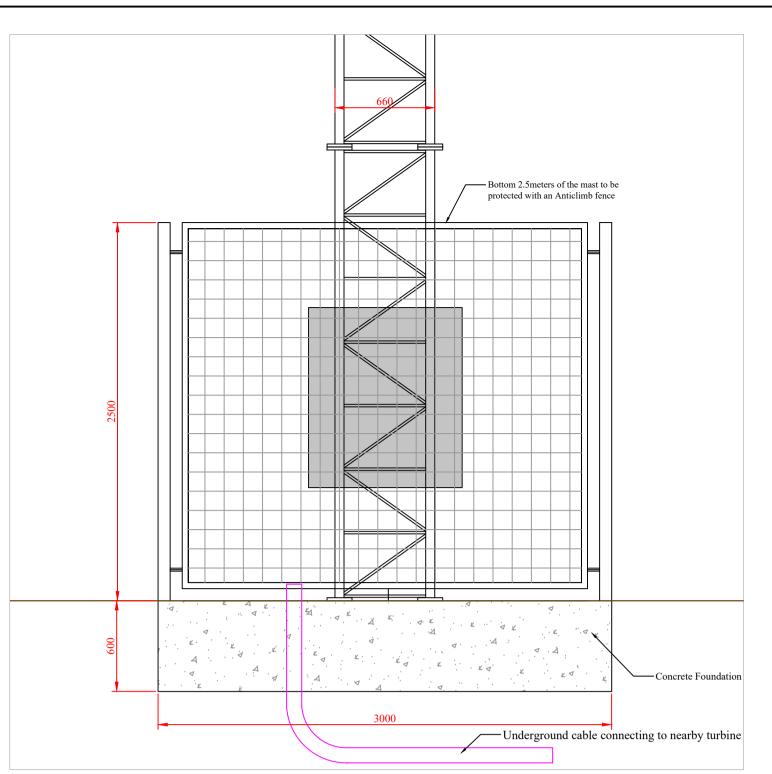
(A1) 1:250



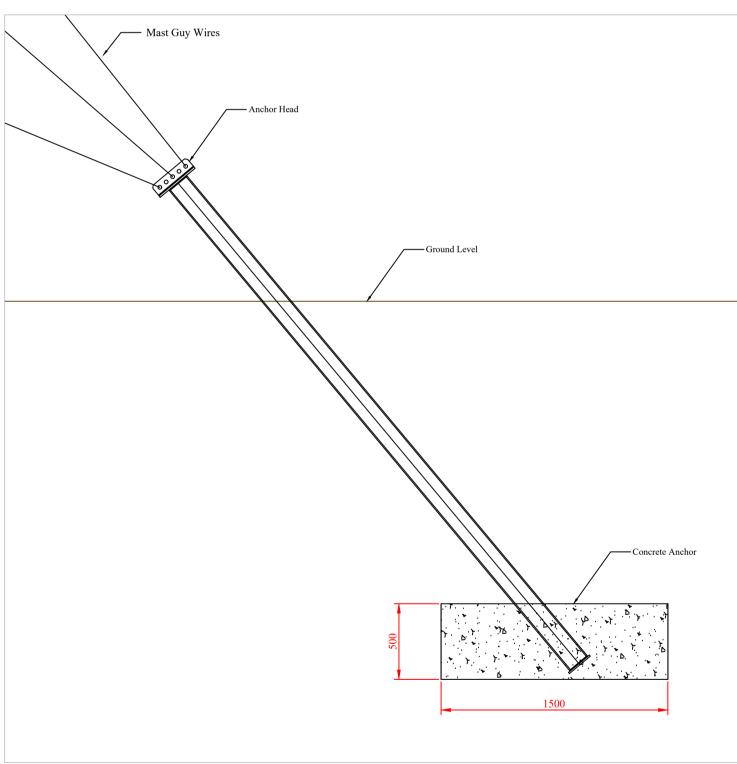


Overall Mast Elevation
Scale 1:150





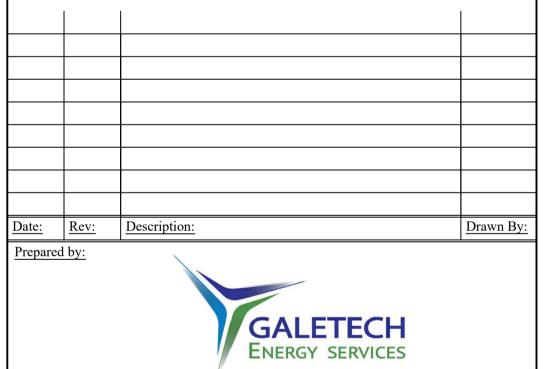
Mast Foundation Section
Scale 1:25



Anchor Formation
Scale 1:25

GENERAL NOTES:

- 1. MAST TO BE MANUFACTURED IN 3 METER SECTIONS AND BOLTS TOGETHER ON SITE
- 2. DO NOT SCALE FROM THIS DRAWING. USE FIGURED DIMENSIONS ONLY.
- 3. ALL STEELWORK TO BE HOT DIPPED GALVANIZED TO MIN. 85 µm.
- 4. ALL BOLTS TO BE MIN. M16 GR 8.8 UNO.
- 5. ALL WELDS TO BE FULL STRENGTH FILLET WELDS MIN. 6mm UNO..
- 6. BOTTOM 2.5M OF MAST TO BE PROTECTED WITH ANTI-CLIMB DEVICE. TO BE FIXED AND SECURED IN ACCORDANCE WITH MANUFACTURER'S DETAILS.
- 7. MAST FOUNDATION AND ANCHORS ARE SUBJECT TO CHANGES FOLLOWING GEOTECH INVESTIGATIONS



Client:

Cush Wind Ltd

Galetech Energy Services, Clondargan, Stradone, Co. Cavan

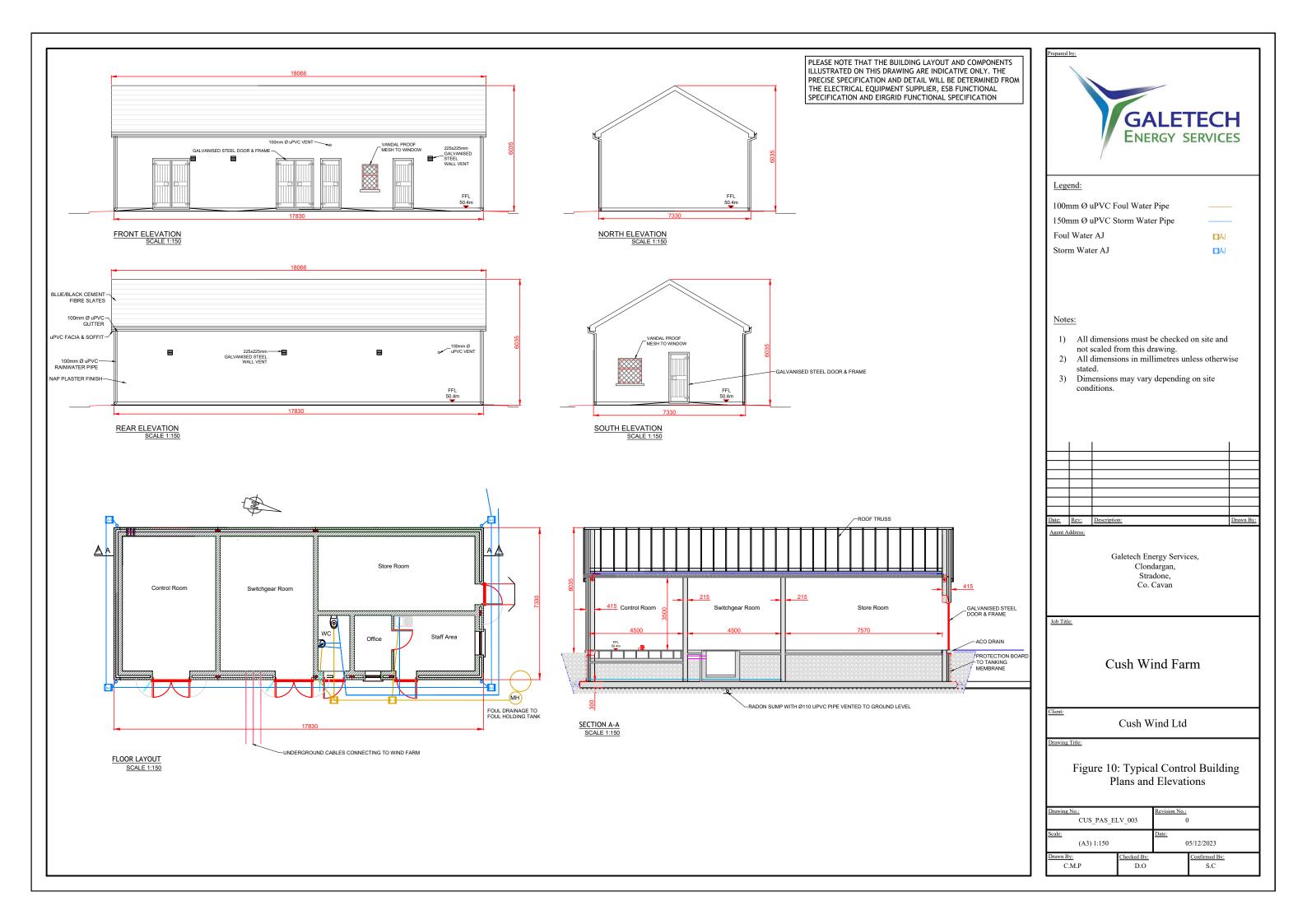
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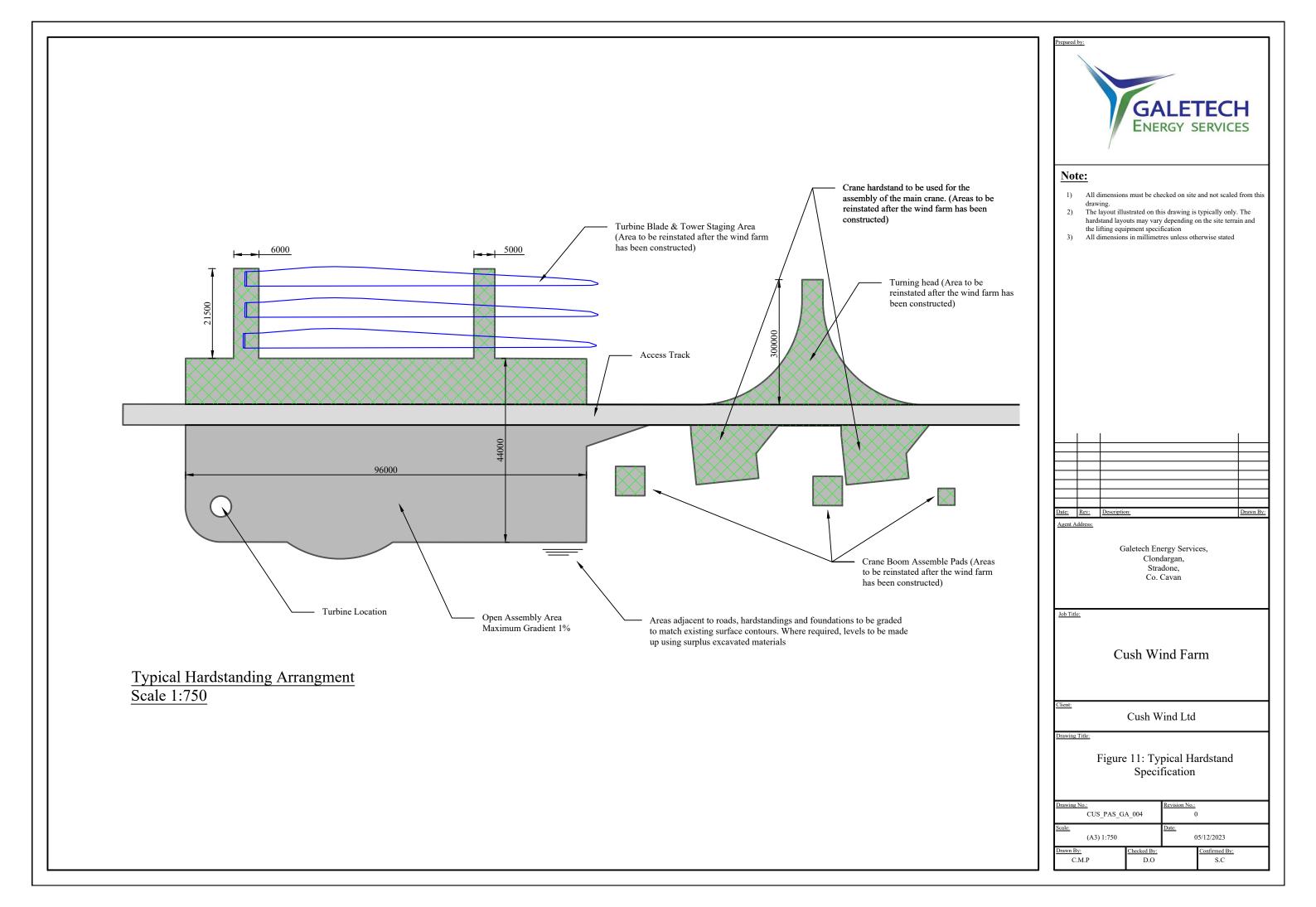
Cush Wind Farm

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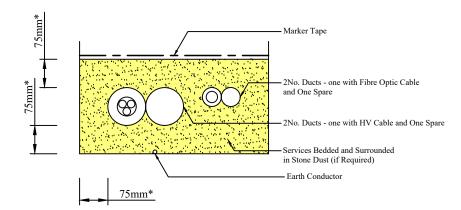
Figure 9: Typical Meteorological Mast Elevations

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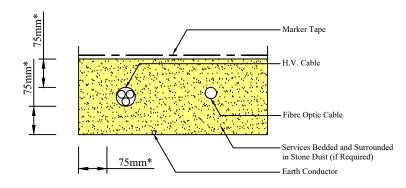


Typical Service Trench Crossing Track Scale 1:20

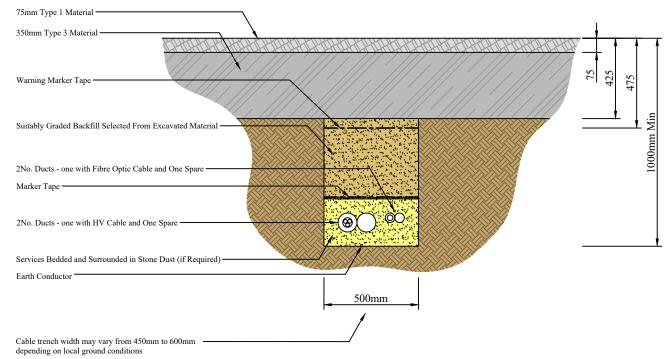


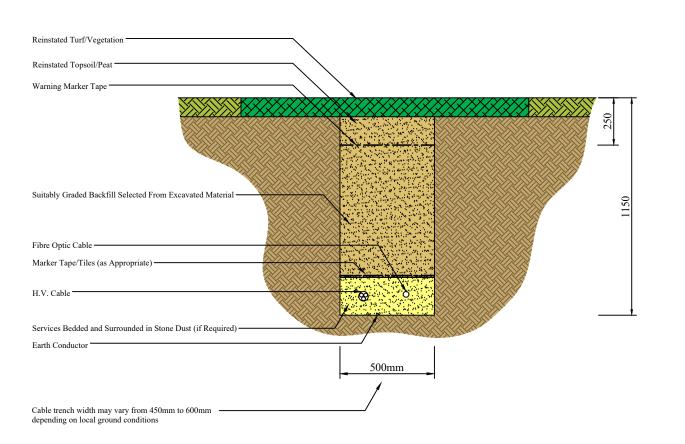
Enlarged Services Detail Scale 1:10

Typical Service Trench Detail Scale 1:20



Enlarged Services Detail Scale 1:10

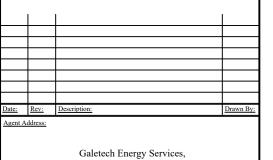






Note:

- Depth of cable trenches to suit sub-surface conditions.
 i.e. to be located in stable soil conditions.
- Dimensions with * against them refer to specific clearances around the H.V. cable.



Clondargan,

Stradone, Co. Cavan

Job Title:

Cush Wind Farm

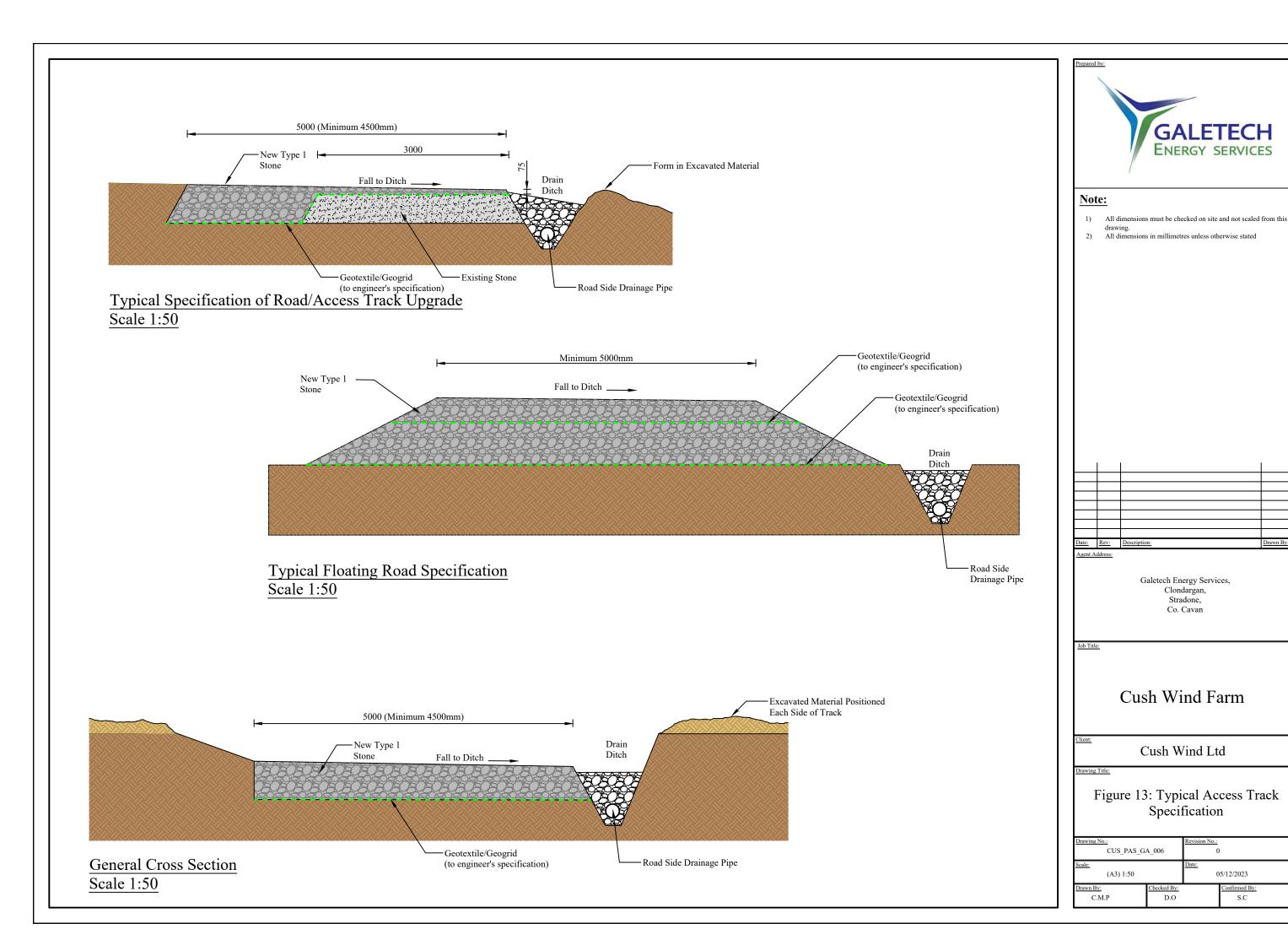
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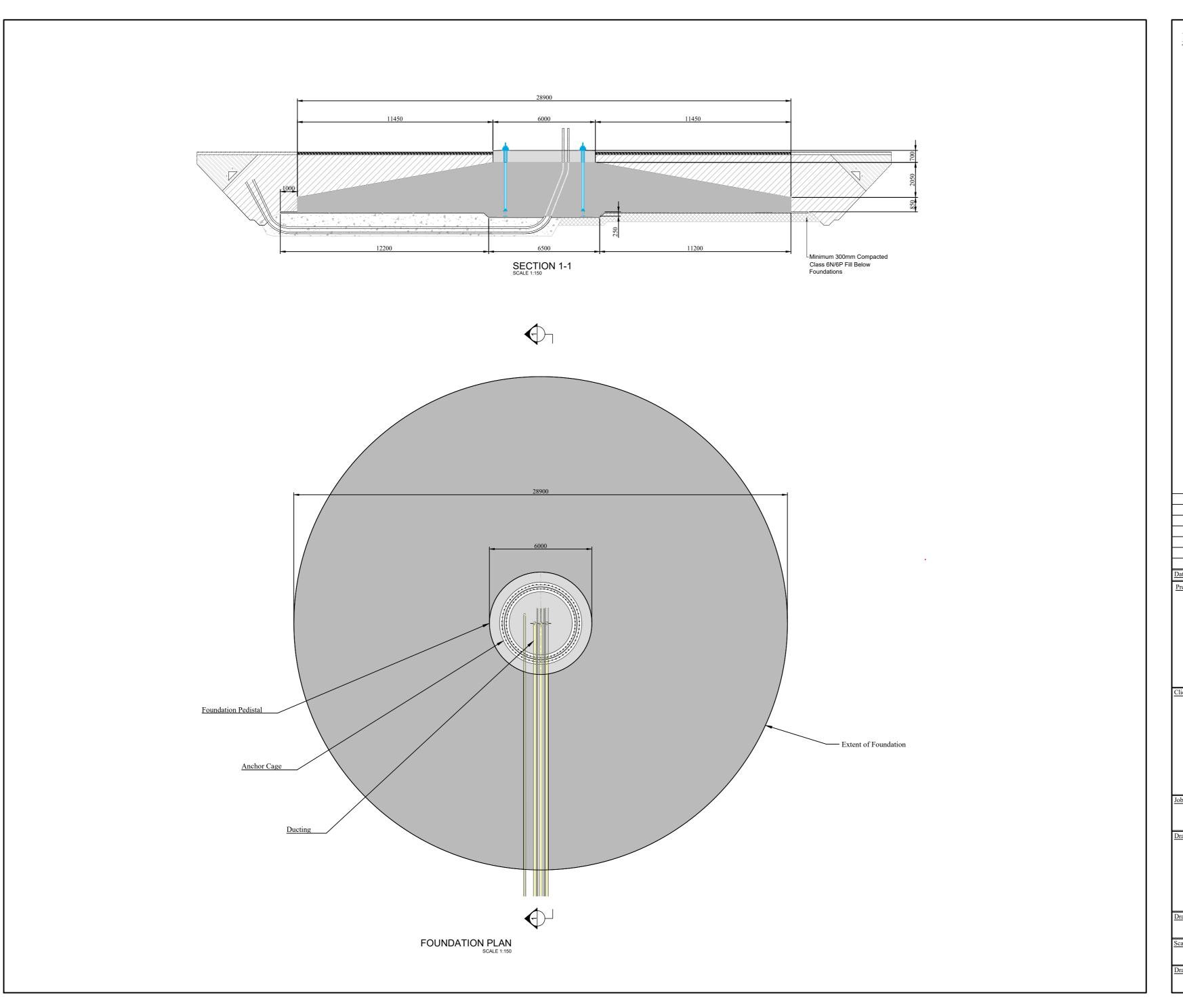
Cush Wind Ltd

Drawing Title

Figure 12: Typical Arrangement of Underground Wind Farm Cables

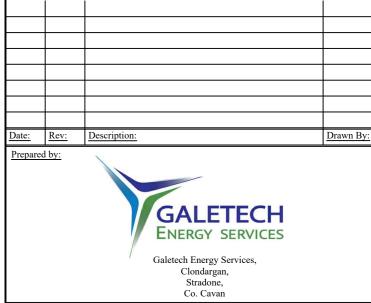
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Note

- 1) All dimensions in millimetres unless otherwise stated and must be checked on site and not scaled from this drawing
- Foundation type may vary depending on wind turbine manufacturer and ground conditions at individual locations



Client:

Cush Wind Ltd

lob Title:

Cush Wind Farm

Drawing Title:

Figure 14: Typical Turbine Foundation Design

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