MANOGATE LTD.

BALLYFASY WIND FARM

PLANNING APPLICATION DRAWINGS NOVEMBER 2025

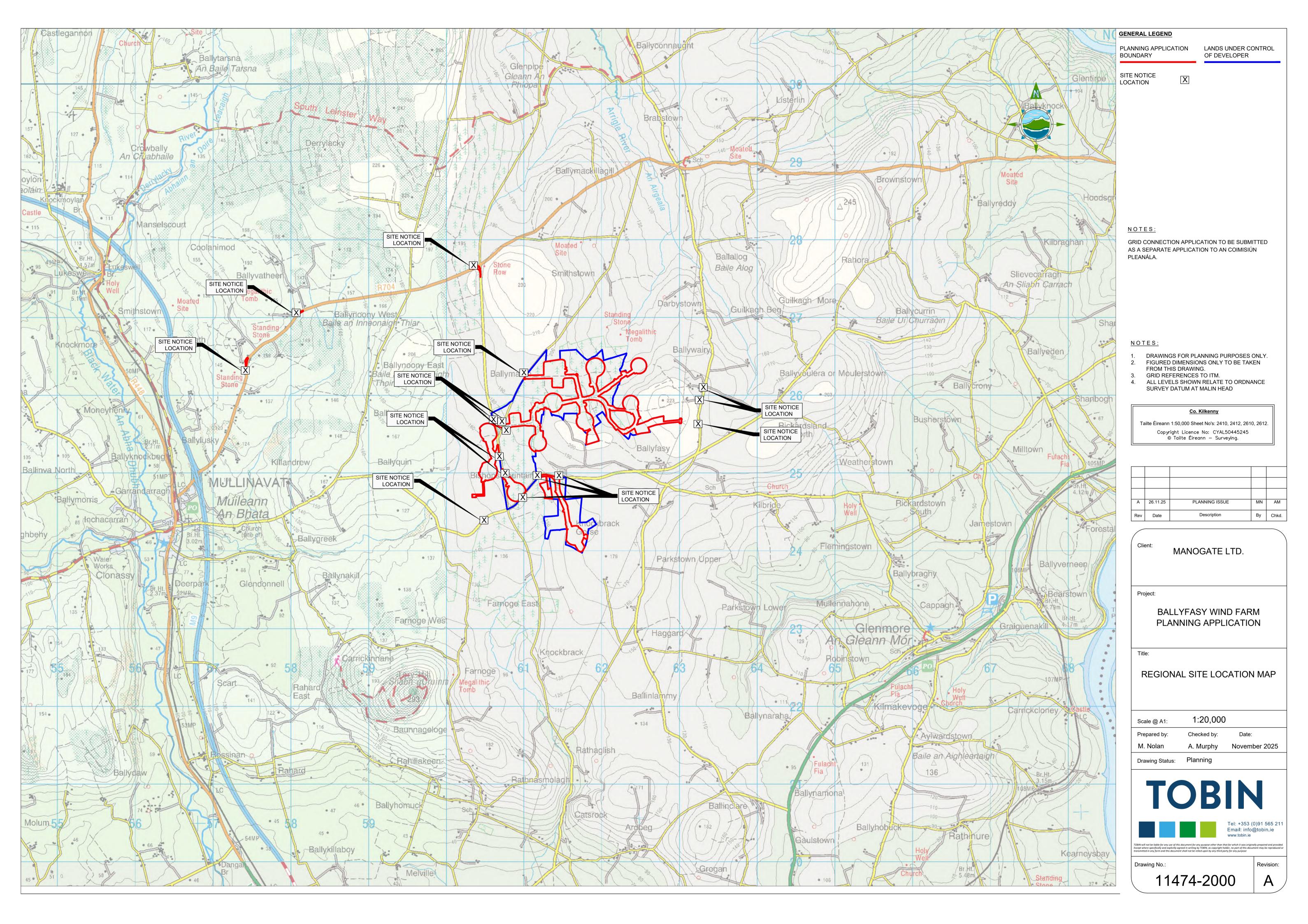


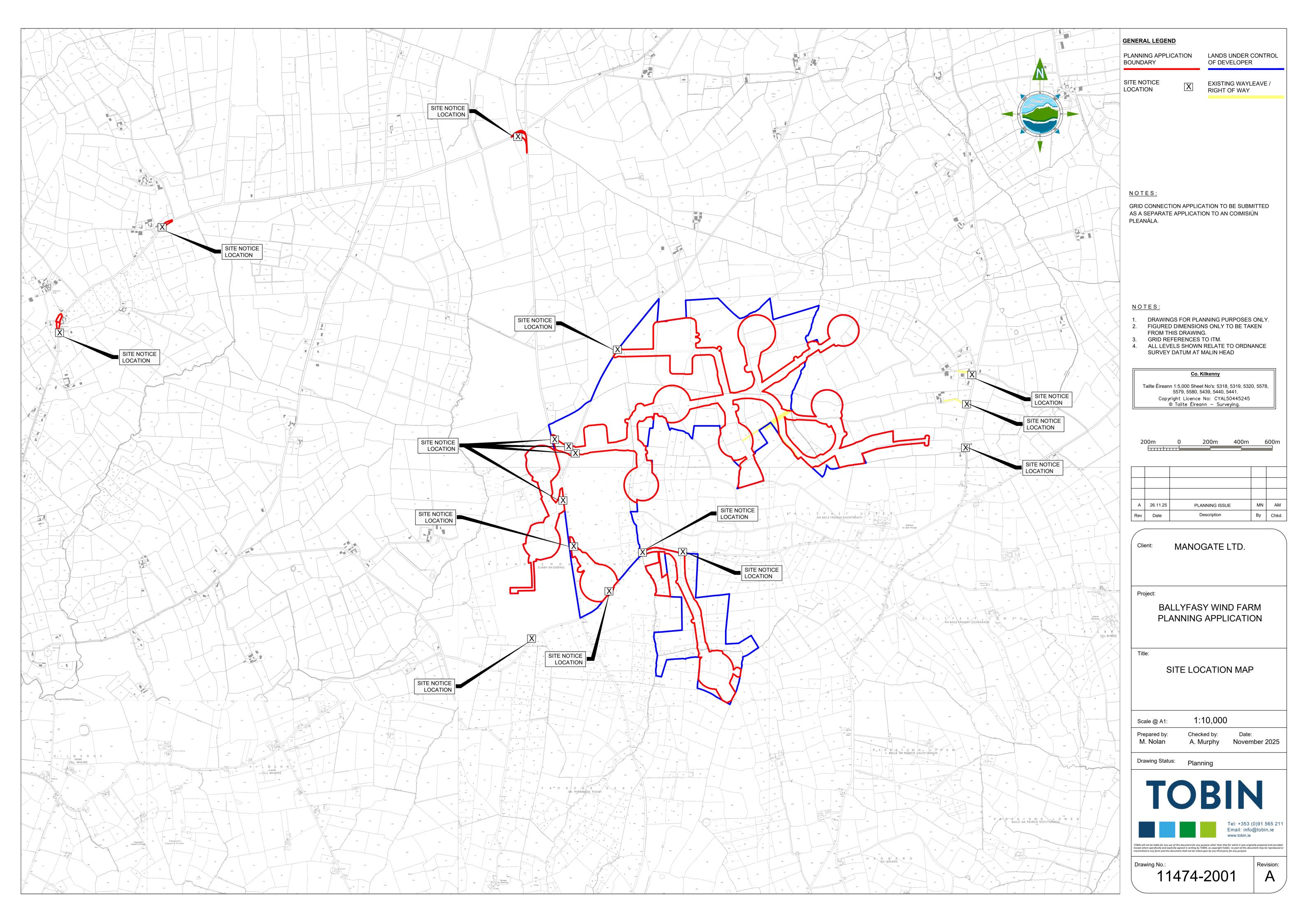
BALLYFASY WIND FARM PLANNING DRAWINGS

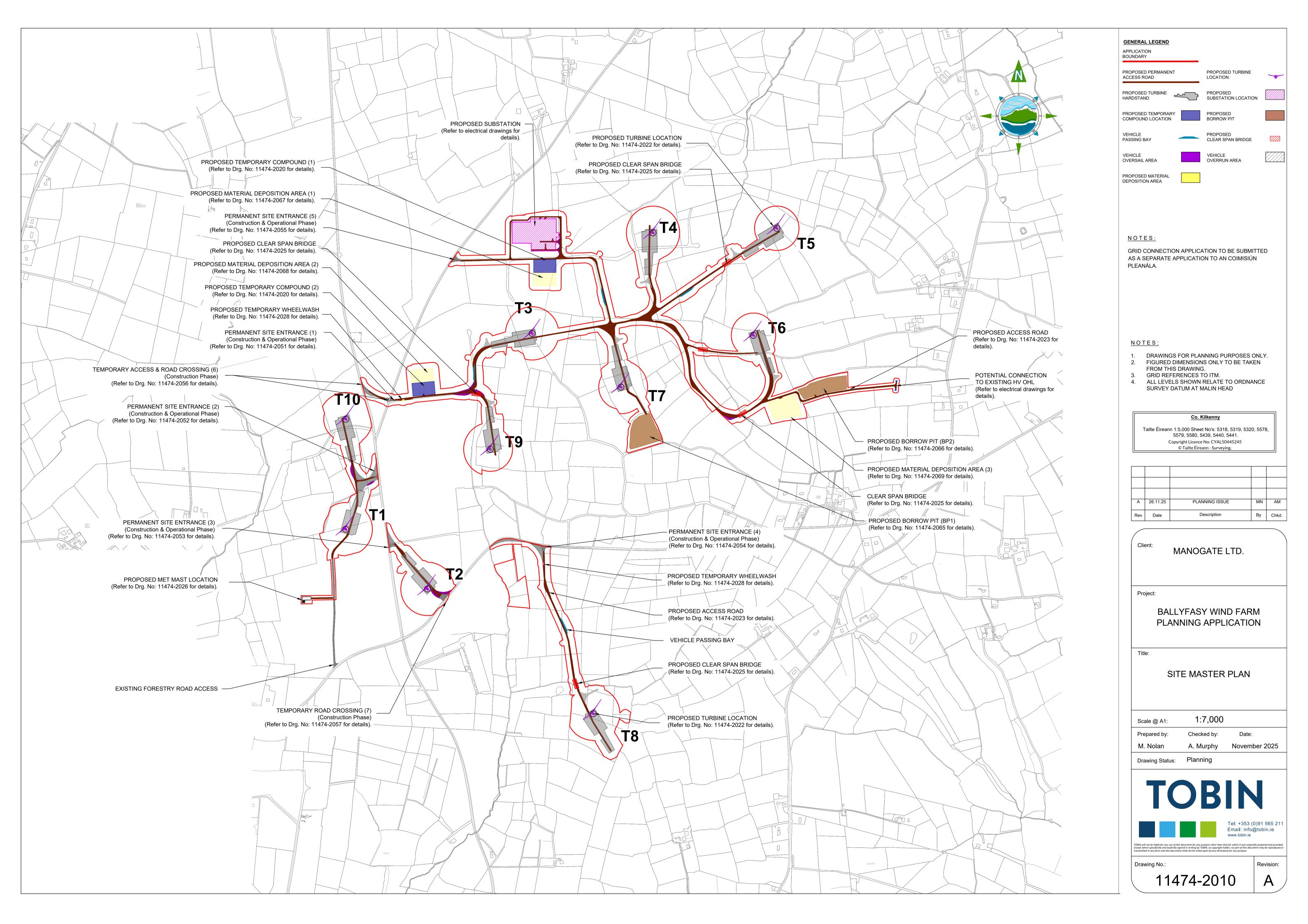
	SITE LOCATION DRAWINGS				
11474-2000	Regional Site Location Map				
11474-2001	Site Location Map				
	SITE LAYOUT DRAWINGS				
11474-2010	Site Master Plan				
11474-2011	Site Layout Plan - Sheet 1 of 4				
11474-2012	Site Layout Plan - Sheet 2 of 4				
11474-2013	Site Layout Plan - Sheet 3 of 4				
11474-2014	Site Layout Plan - Sheet 4 of 4				
	PROJECT DETAIL DRAWINGS				
11474-2020	Proposed Temporary Site Compound Details				
11474-2021	Turbine Hardstand Layout				
11474-2022	Turbine Details				
11474-2023	Road Construction Details				
11474-2024	Surface Water Settlement Pond Plan & Sections				
11474-2025	Clear Span Bridge Details				
11474-2026	Met Mast Details				
11474-2027	Fencing Details				
11474-2028	Proposed Self Contained Temporary Wheelwash System Details				
11474-2029	Turbine Foundation - Gravity				
11474-2030	Turbine Foundation - Bored				
11474-2031	Turbine Foundation - Piled				
	DRAINAGE DRAWINGS				
11474-2040	Drainage Master Plan				
11474-2041	Drainage Layout Plan 1 of 4				
11474-2042	Drainage Layout Plan 2 of 4				
11474-2043	Drainage Layout Plan 3 of 4				
11474-2044	Drainage Layout Plan 4 of 4				

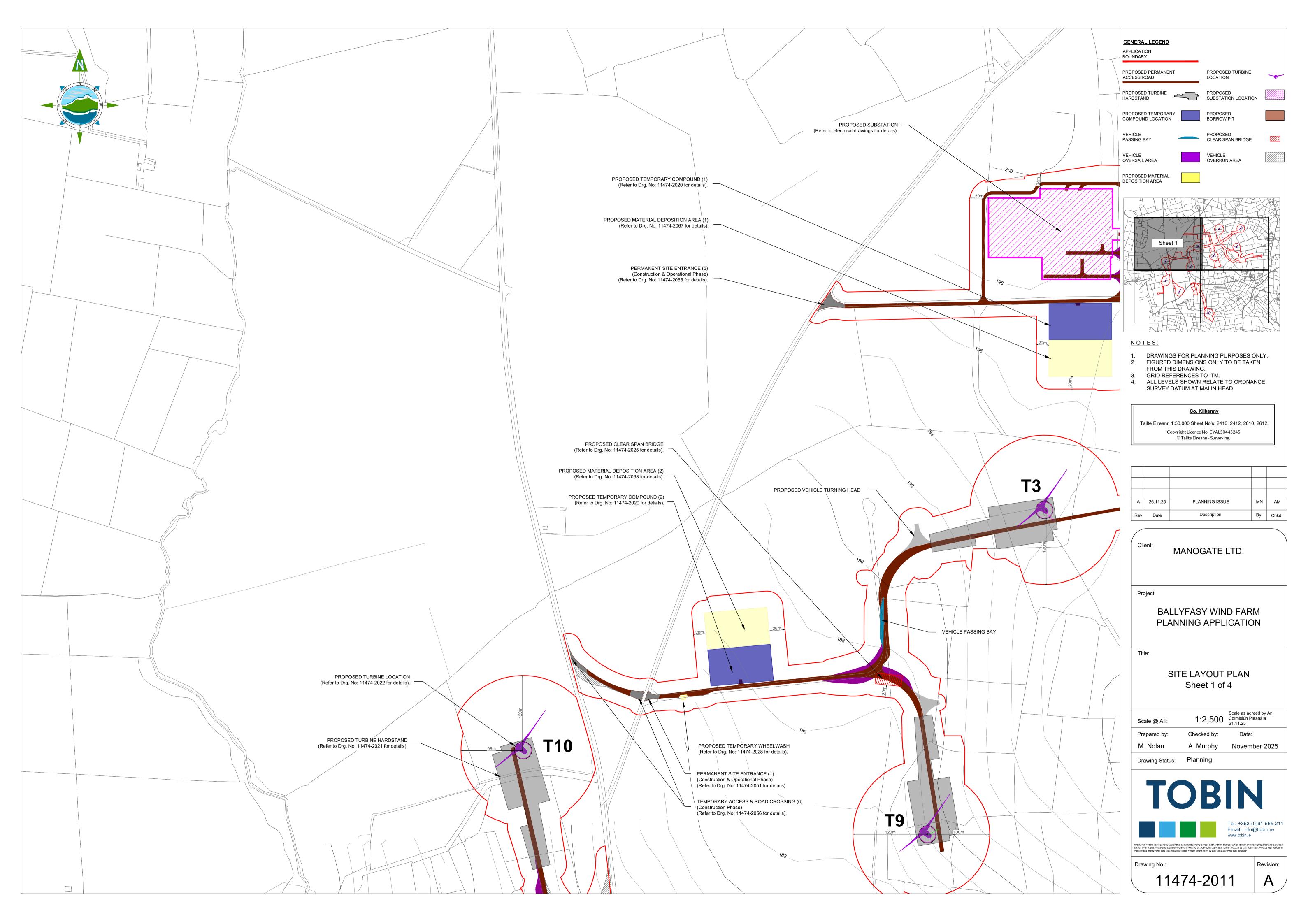
TRAFFIC DRAWINGS					
11474-2050	Site Access Roads and Entrance Locations				
11474-2051	Entrance 1 - Permanent Access for Construction & Operation				
11474-2052	Entrance 2 - Permanent Access for Construction & Operation				
11474-2053	Entrance 3 - Permanent Access for Construction & Operation				
11474-2054	Entrance 4 - Permanent Access for Construction & Operation				
11474-2055	Entrance 5 - Permanent Access for Construction & Operation				
11474-2056	Entrance and Crossing Location 6 - Temporary Access for Construction				
11474-2057	Road Crossing Location 7 - Temporary Access for Construction				
11474-2058	TDR Works at 3 Friar's Cross				
11474-2059	TDR Works at Access Location 4				
11474-2060	TDR Works at SPA Location 13				
11474-2061	TDR Works at SPA Location 10				
	BORROW PIT & DEPOSITION DRAWINGS				
11474-2065	Borrow Pit BP-01 Plan & Sections				
11474-2066	Borrow Pit BP-02 Plan & Sections				
11474-2067	Material Deposition Area (1) Plan & Sections				
11474-2068	Material Deposition Area (2) Plan & Sections				
11474-2069	Material Deposition Area (3) Plan & Sections				
ELECTRICAL DRAWINGS					

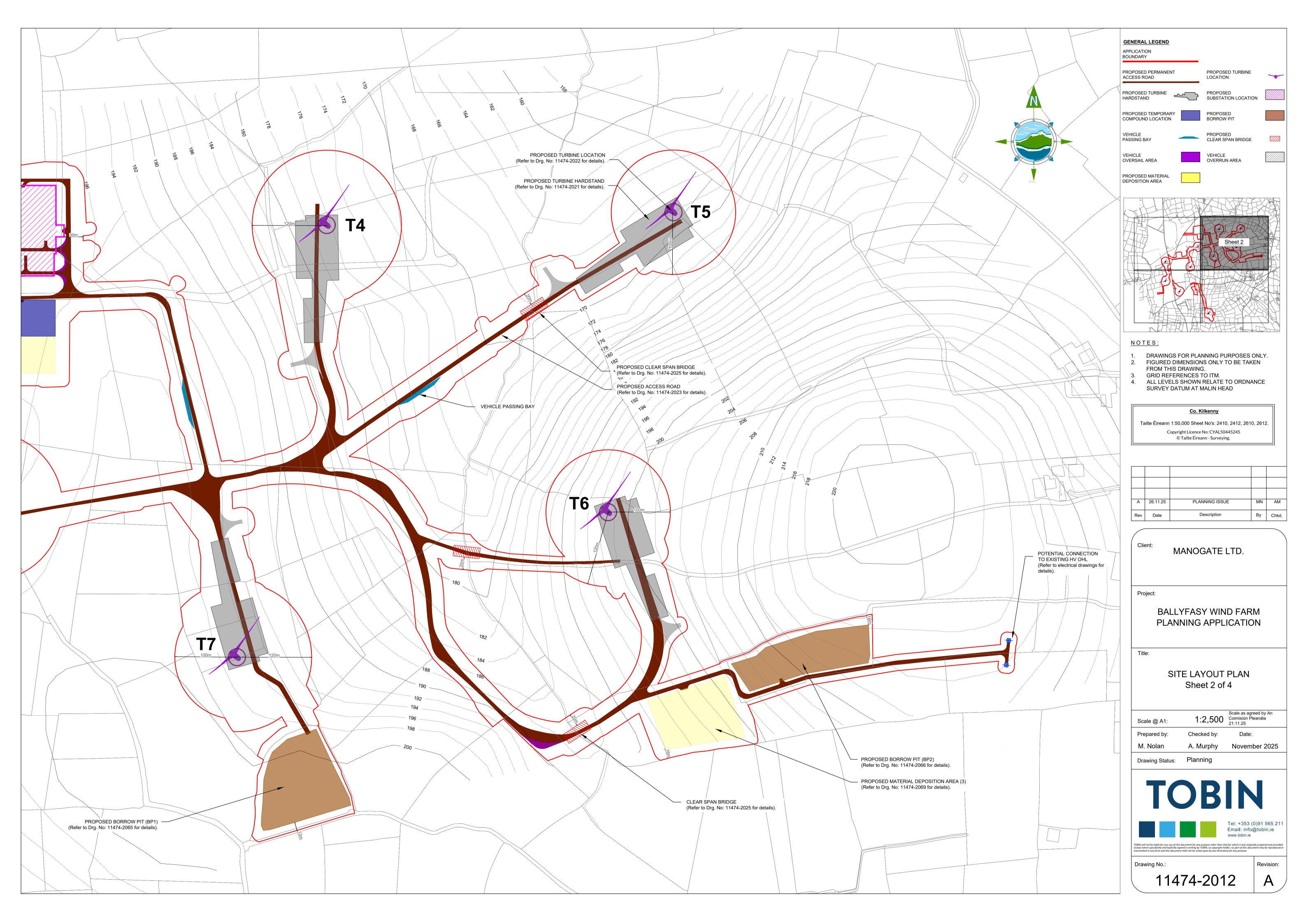
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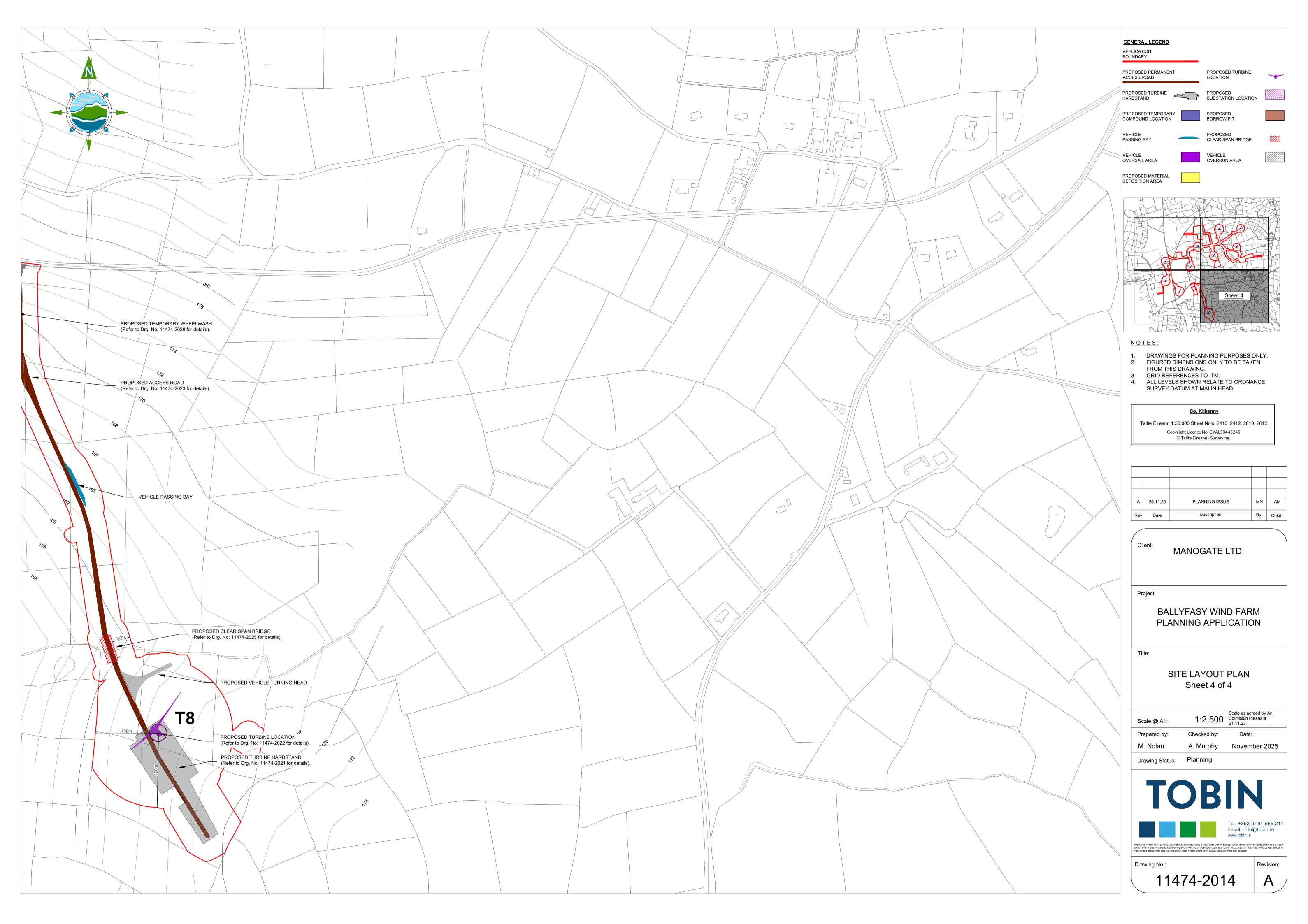


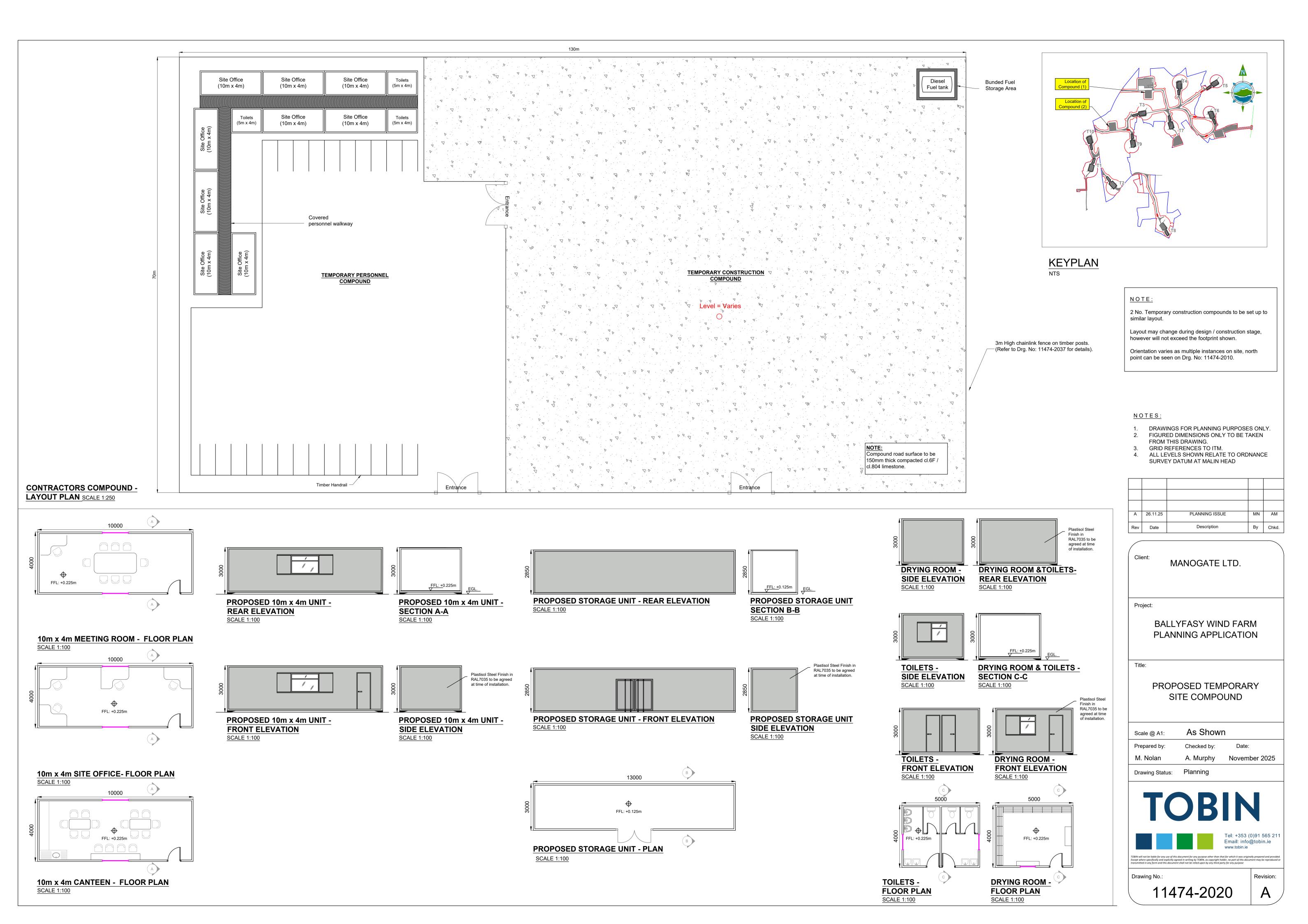


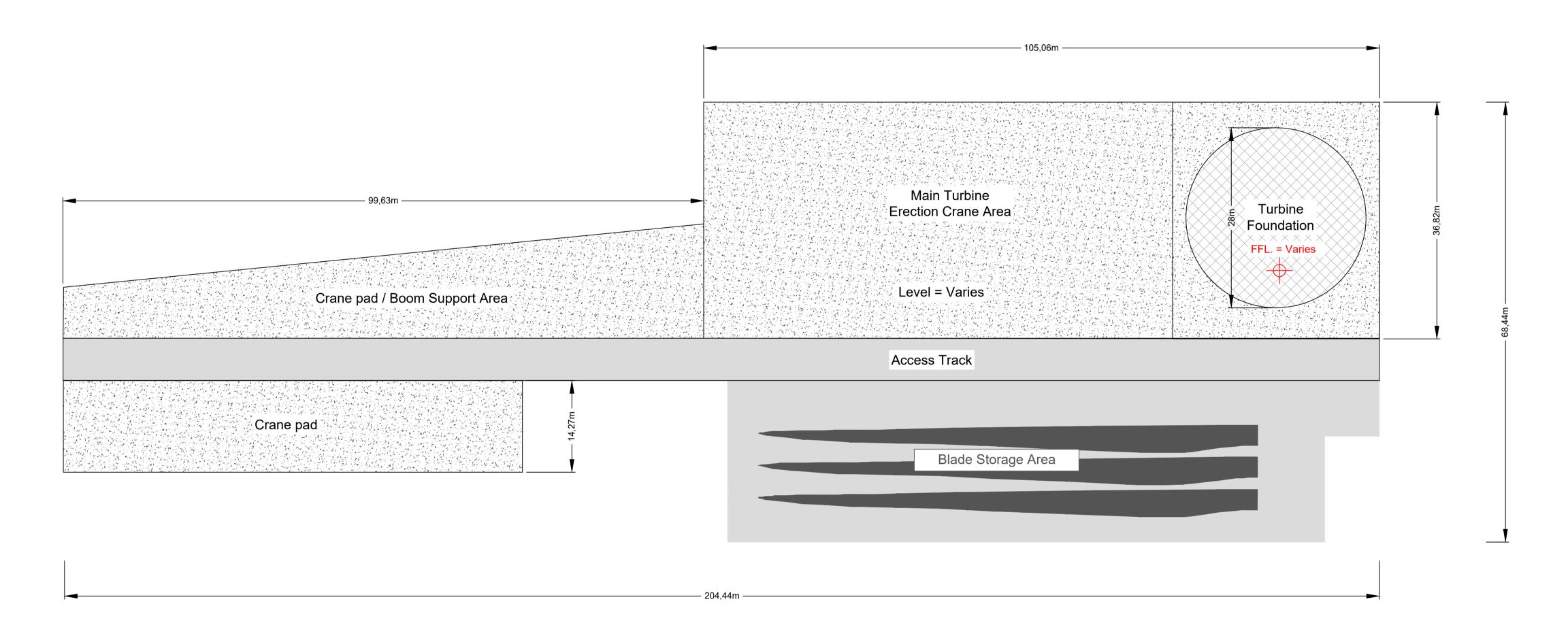












TURBINE HARDSTAND GENERAL ARRANGEMENT - PLAN

NOTE:

Hardstand layout may change during design / construction stage, however will not exceed the footprint shown.

Orientation varies as multiple instances on site, north point can be seen on Drg. No: 11474-2010.

Α	26.11.25	PLANNING ISSUE	MN	AM
Rev	Date	Description	Ву	Chko

MANOGATE LTD.

Project:

BALLYFASY WIND FARM PLANNING APPLICATION

Title:

TURBINE HARDSTAND DETAILS

Scale @ A1: 1:400

Prepared by: Checked by: Date:

M. Nolan A. Murphy November 2025

Drawing Status: Planning



Email: info@tobin.ie
www.tobin.ie

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Revision:

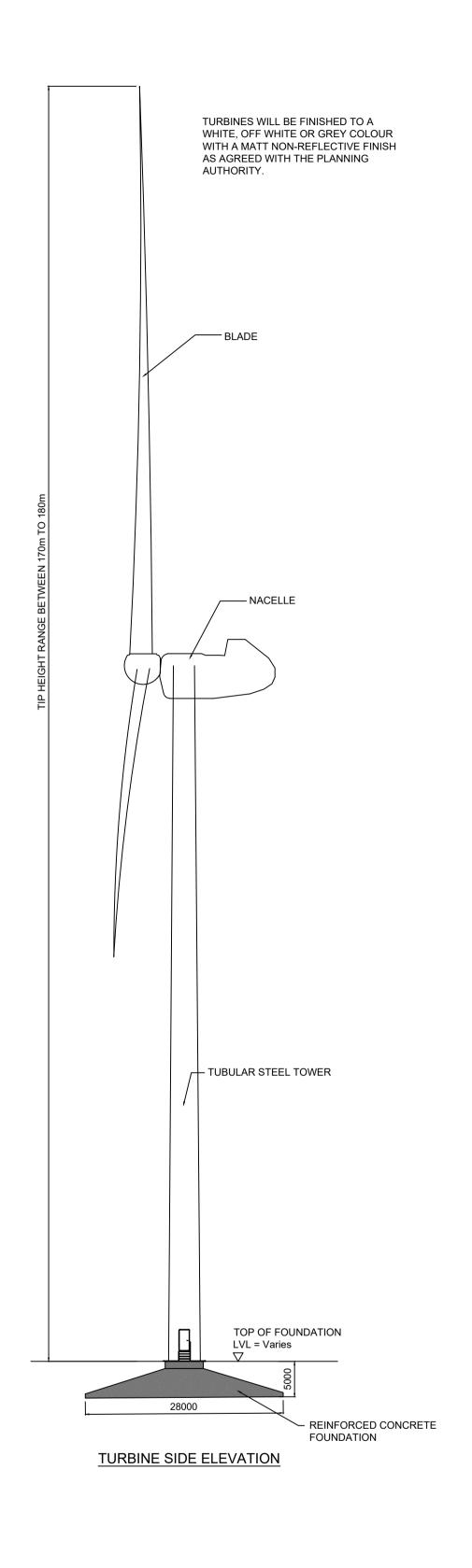
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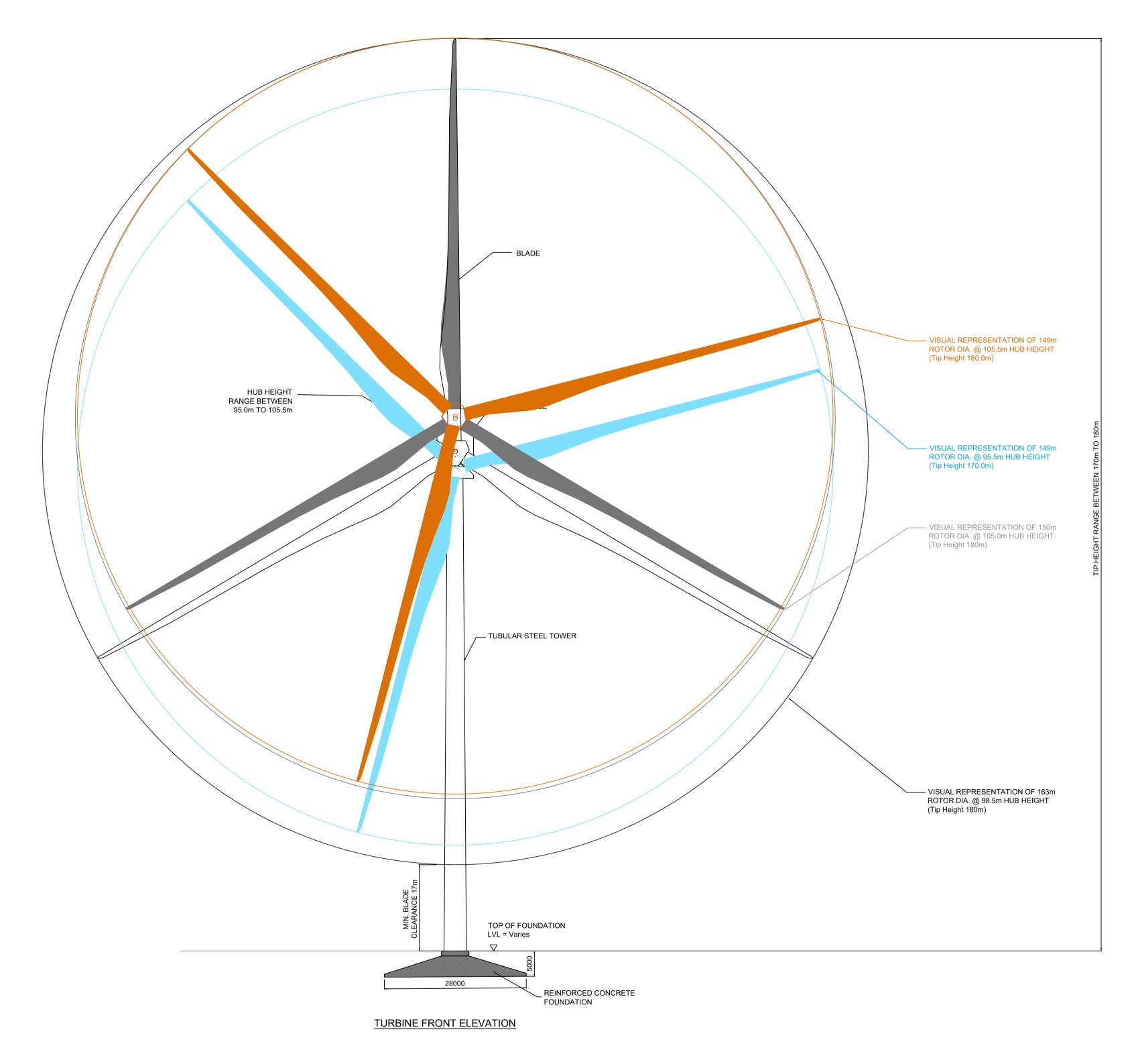
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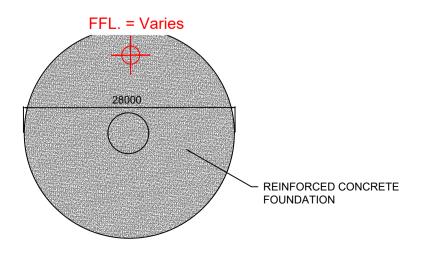
11474-2021

NOTES:

- DRAWINGS FOR PLANNING PURPOSES ONLY.
 FIGURED DIMENSIONS ONLY TO BE TAKEN
 - FROM THIS DRAWING.
- 3. GRID REFERENCES TO ITM.
- 4. ALL LEVELS SHOWN RELATE TO ORDNANCE SURVEY DATUM AT MALIN HEAD







TURBINE FOUNDATION PLAN

NOTES:

- DRAWINGS FOR PLANNING PURPOSES ONLY.
 FIGURED DIMENSIONS ONLY TO BE TAKEN FROM THIS DRAWING.
- 3. GRID REFERENCES TO ITM.
- 4. ALL LEVELS SHOWN RELATE TO ORDNANCE SURVEY DATUM AT MALIN HEAD

ORIENTATION VARIES AS MULTIPLE INSTANCES ON SITE, NORTH POINT CAN BE SEEN ON DRG. NO: 11474-2010.

Α	26.11.25	PLANNING ISSUE	MN	AM
Rev	Date	Description	Ву	Chkd.

MANOGATE LTD.

Project:

BALLYFASY WIND FARM PLANNING APPLICATION

TURBINE DETAILS

1:500 Scale @ A1: Checked by: Prepared by: A. Murphy November 2025 M. Nolan

Drawing Status: Planning

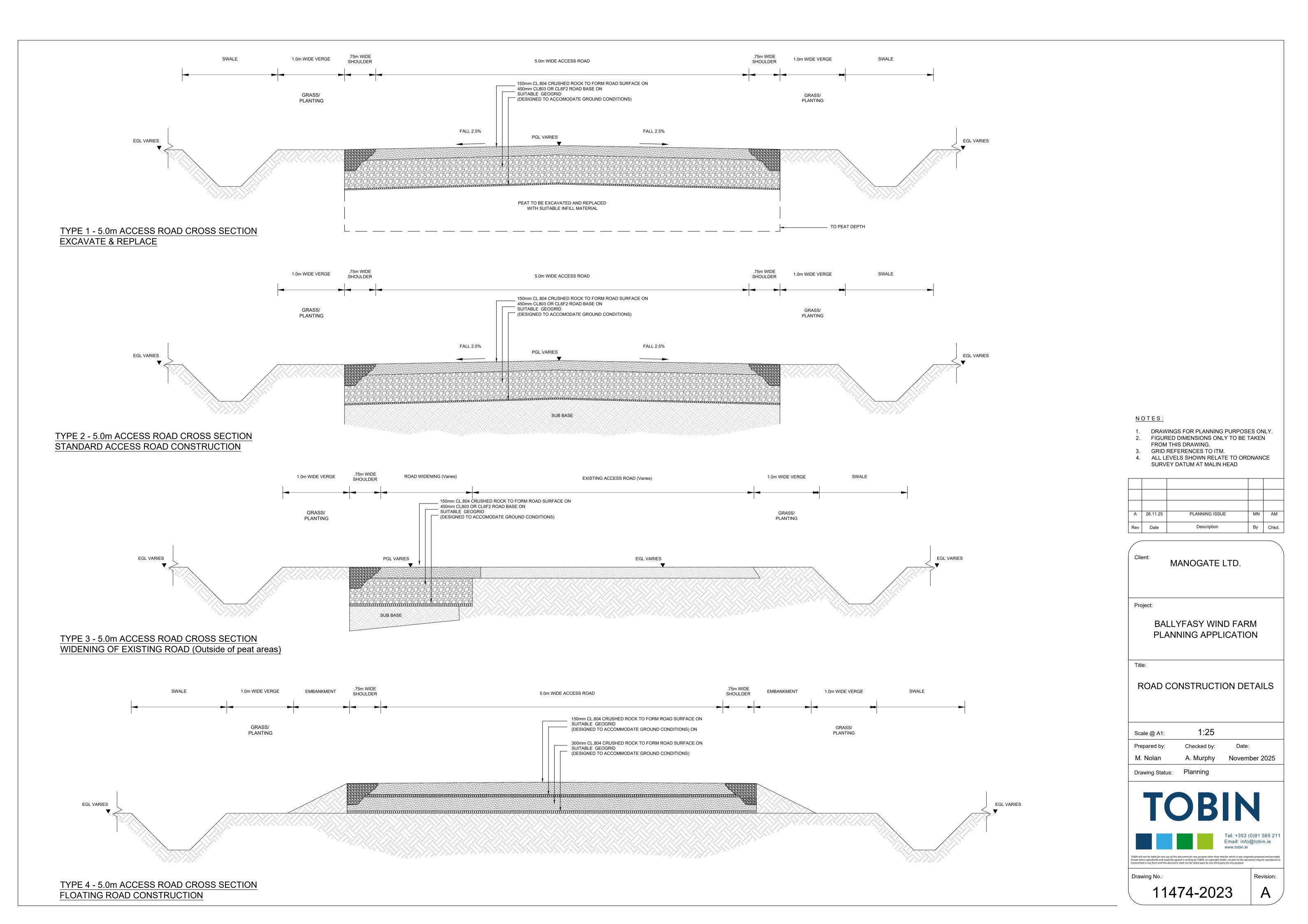


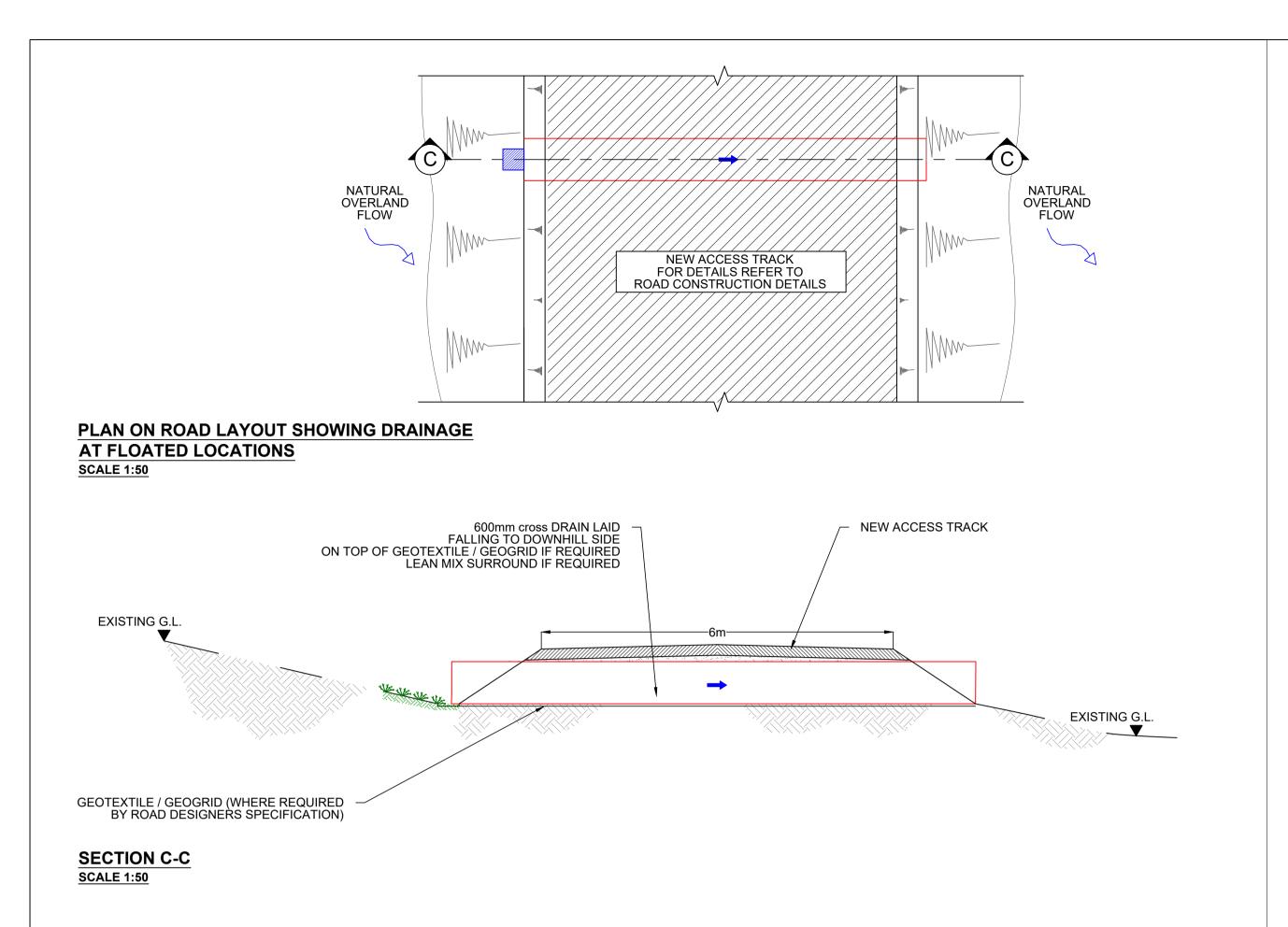


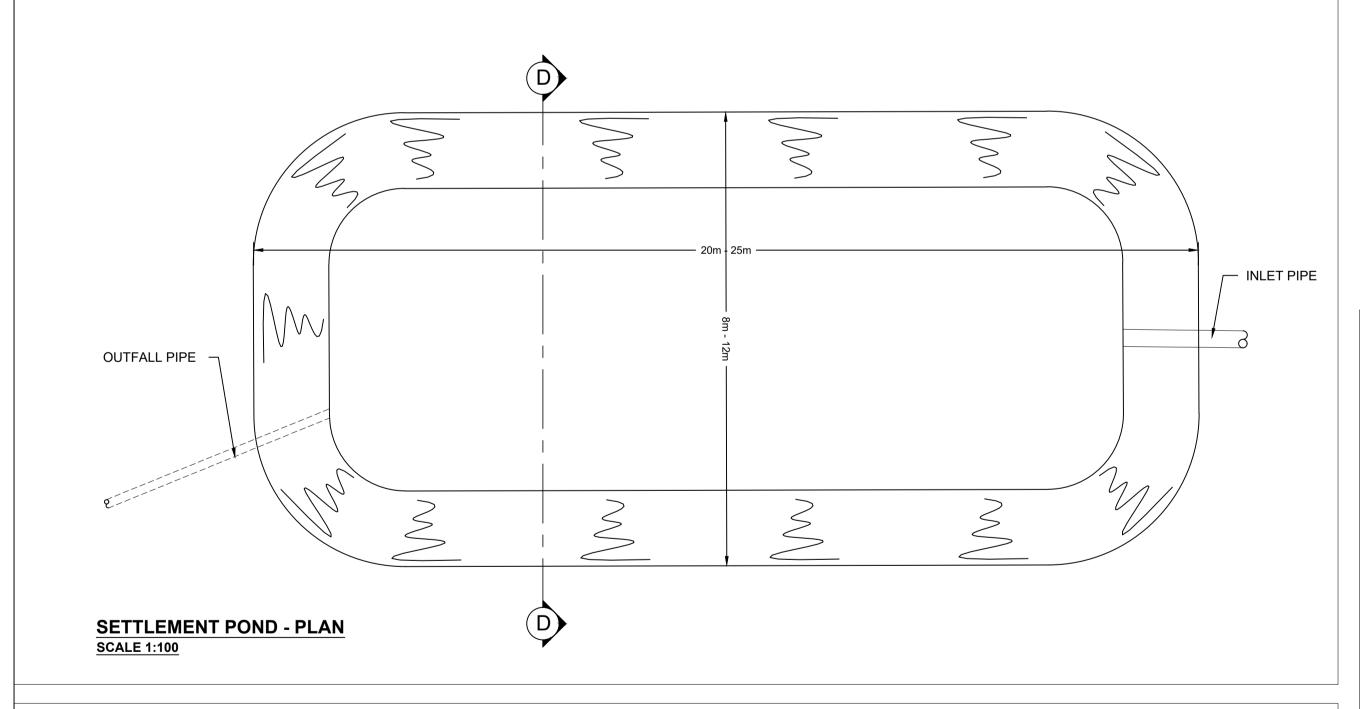
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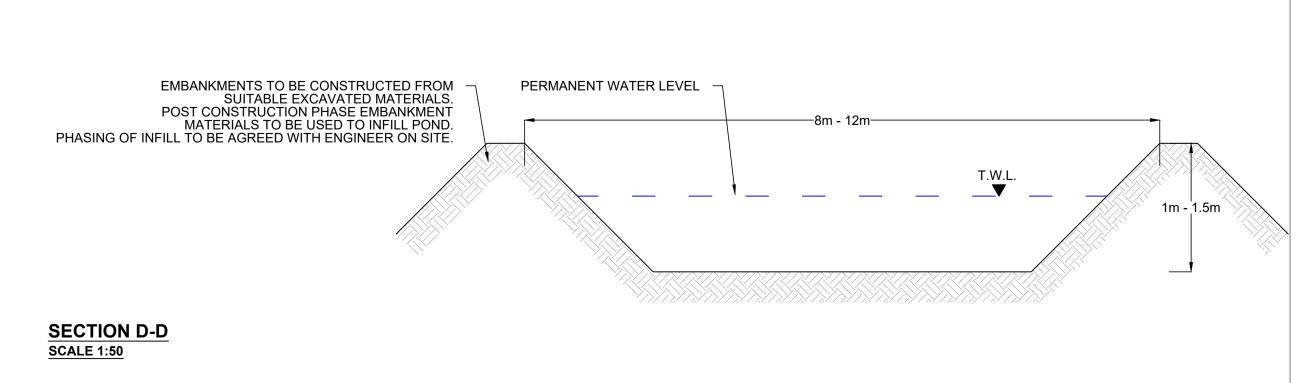
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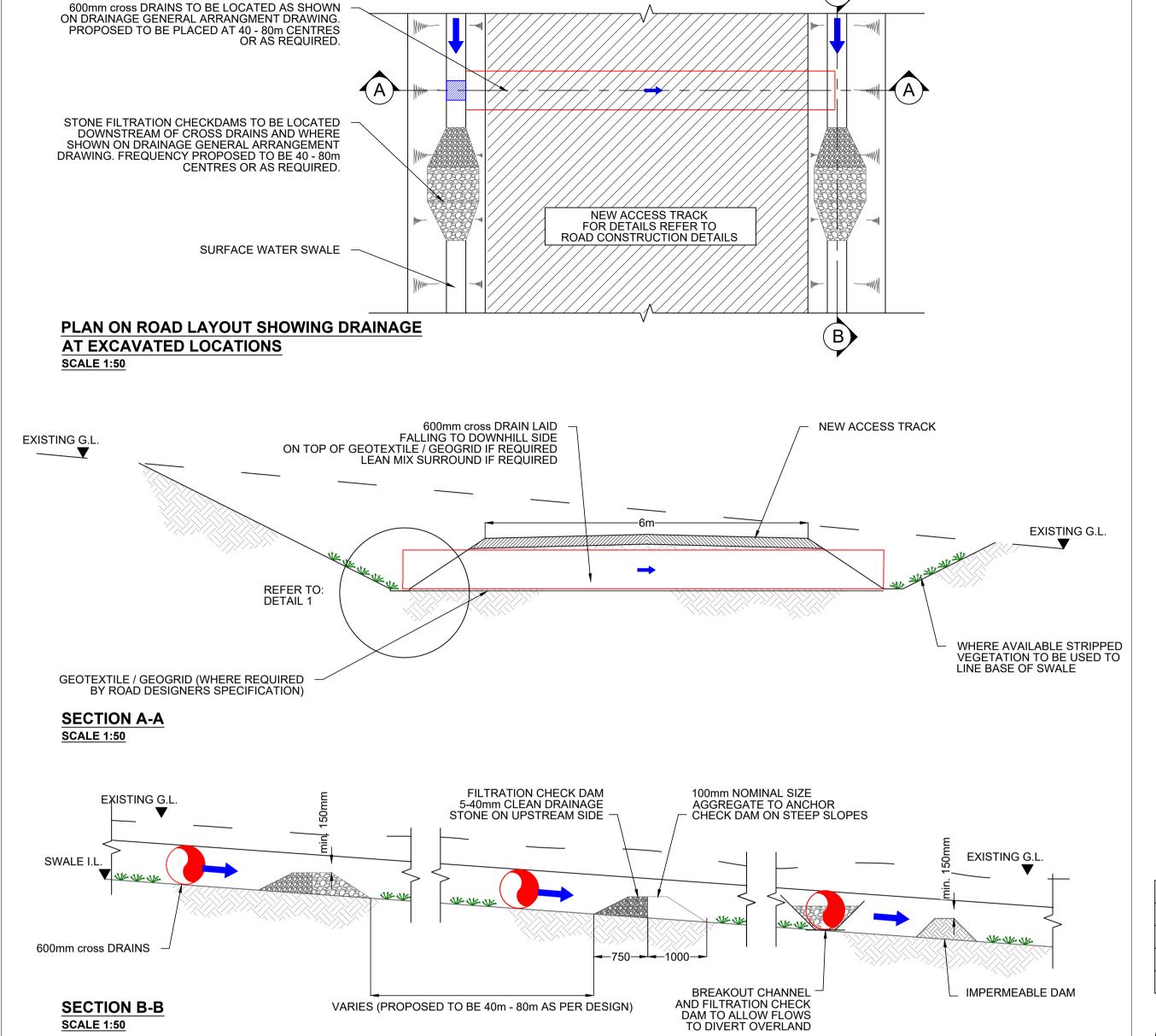
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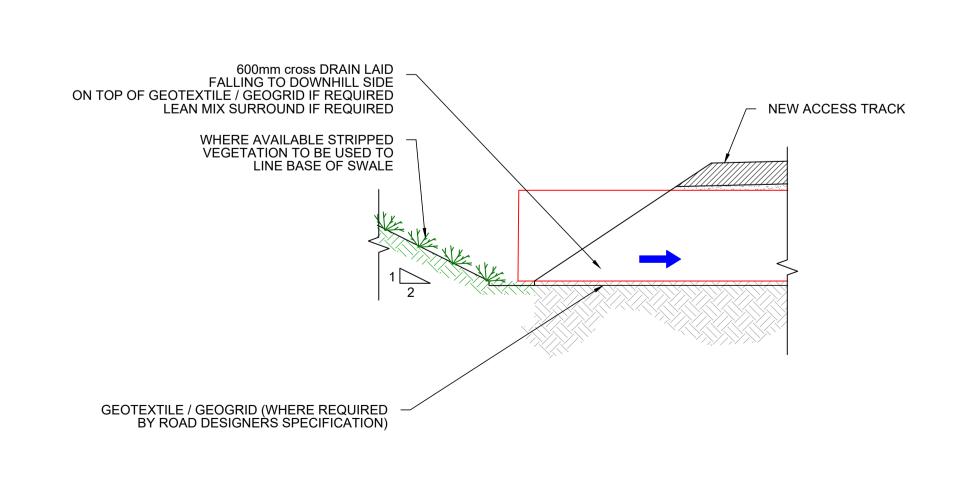












DETAIL 1 SCALE 1:25

<u>NOTES:</u>

- DRAWINGS FOR PLANNING PURPOSES ONLY.
 FIGURED DIMENSIONS ONLY TO BE TAKEN
- FROM THIS DRAWING.
- GRID REFERENCES TO ITM.
 ALL LEVELS SHOWN RELATE TO ORDNANCE

SURVEY DATUM AT MALIN HEAD

A 26.11.25 PLANNING ISSUE MN AM

Rev Date Description By Chkd.

MANOGATE LTD.

Project:

BALLYFASY WIND FARM PLANNING APPLICATION

Title:

SURFACE WATER DETAILS

Scale @ A1: As Shown

Prepared by: Checked by: Date:

M. Nolan A. Murphy November 2025

Drawing Status: Planning

TOBIN

Tel: +353 (0)91 565 2

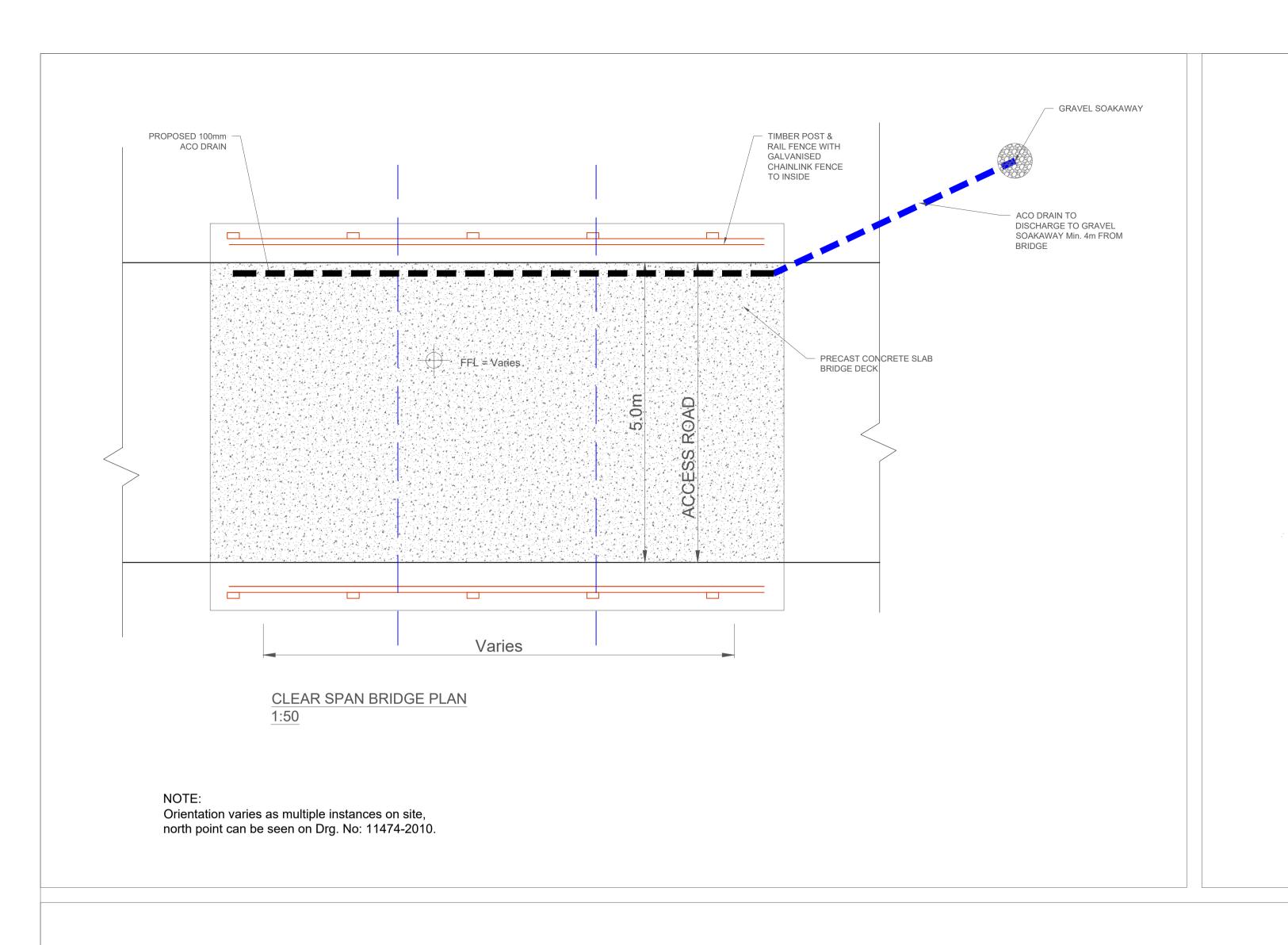
Tel: +353 (0)91 565 211 Email: info@tobin.ie www.tobin.ie

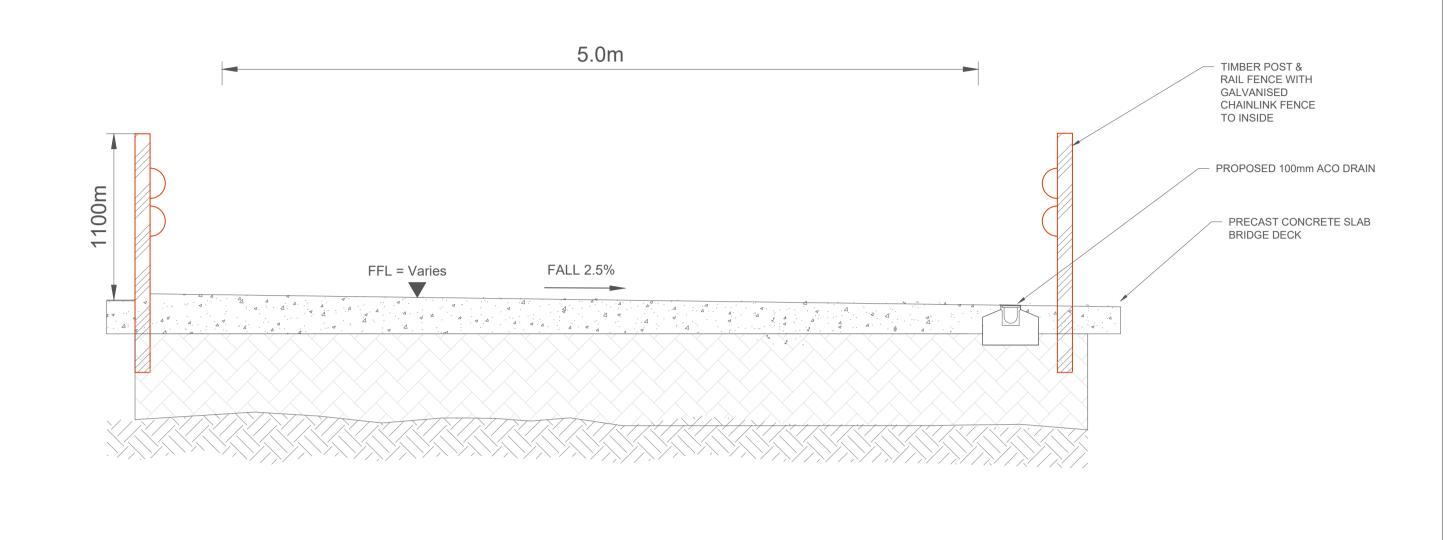
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11474-2024

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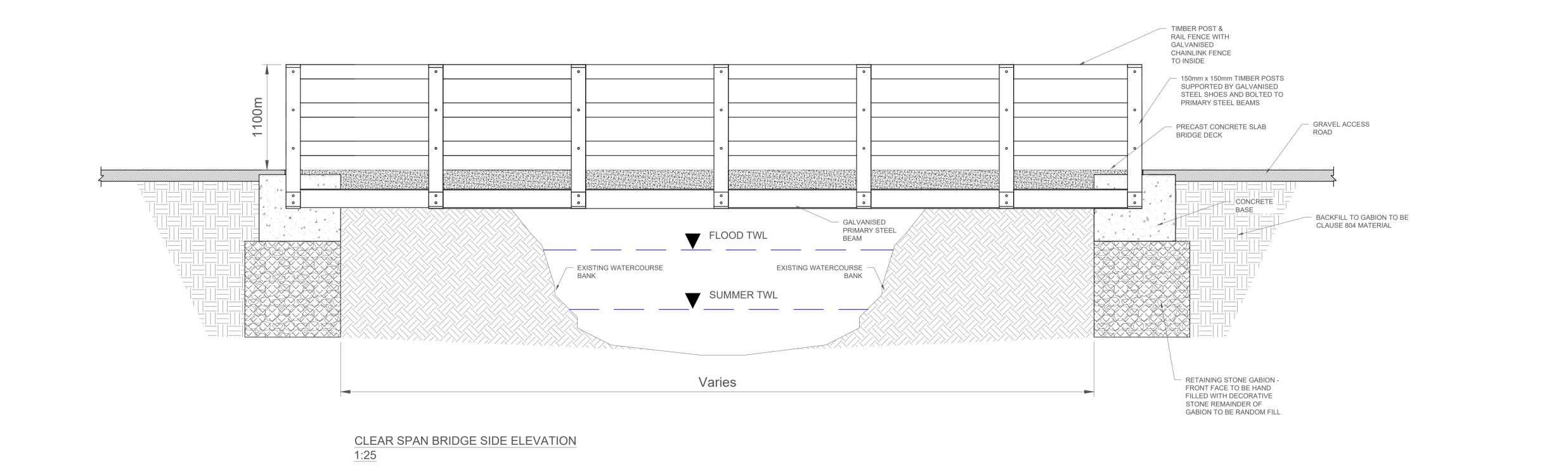
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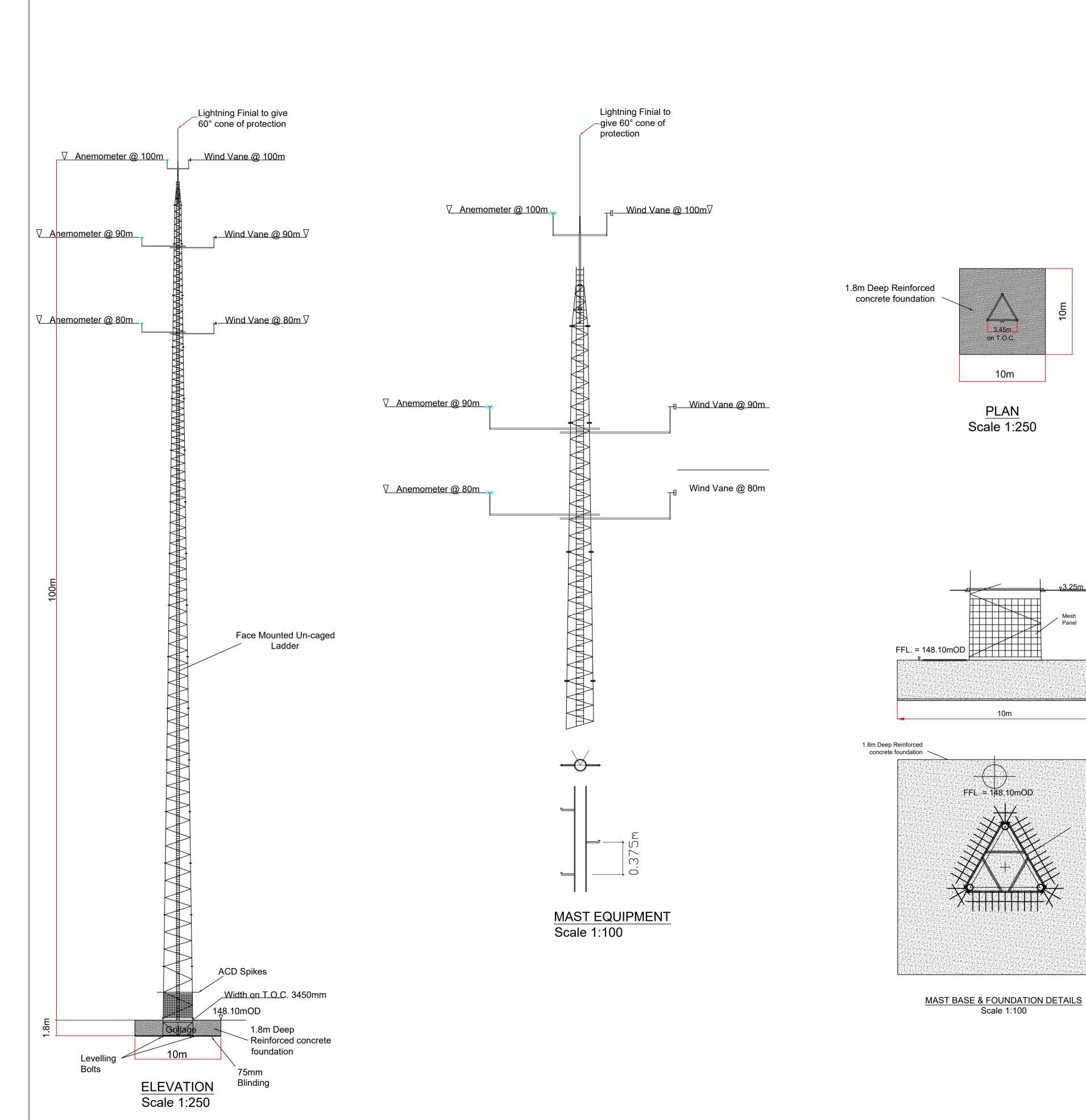
- DRAWINGS FOR PLANNING PURPOSES ONLY.
 FIGURED DIMENSIONS ONLY TO BE TAKEN
- FROM THIS DRAWING.
- 3. GRID REFERENCES TO ITM.
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CLEAR SPAN BRIDGE FRONT ELEVATION

1:25



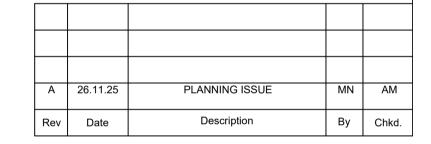


NOTES:

- 1. The tower is triangular lattice construction with circular hollow sections throughout.
- 2. Wind loading and design in accordance with Eurocode Standards (NA ROI).
- 3. Booms will be in compliance with IEC 61400-12-1 (2017) for wind deficit of 99.0% for Primary Booms.
- 4. Fundamental Basic Wind Velocity; Vb, map of 25m/sec and design life of 35 years.
- 5. Site altitude: 200m above sea level.
- 6. Tower usage; Onshore Meteorological
- 7. Reliability Class 1
- 8. Terrain characteristics; Country
- 9. The Tower is designed for Radial Ice Thickness of 55mm in still air condition and 5mm in conjunction with wind.
- 10. The tower can be equipped with external face mounted un-caged ladder or climbing step bolts mounted on one of the legs.
- 11. If climbing step bolts are required from above the anti climbing device, then a short external leg mounted access base ladder can be supplied with lockable cover plate.
- 12. Tower could be fitted with adequate Anti Climbing Device (ACD) at 3.25m level.
- 13. Mesh panels can be fitted on 3 faces on bottom module of the tower.
- 14. All steelworks shall be supplied in accordance with the current European Standards EN 10025-2:2004 and EN 10210-1:2006 of grades S275 and S355.
- 15. Fabrication complies with the CE requirements to EXC2 level and all certificates with CE marking will be provided.
- 16. All connections for bracing members shall be of bolted type of grade 8.8 or 10.9 complete with nuts and spring
- 17. All steelworks shall be hot dip galvanised to European Standard EN ISO 1461 with minimum average coating of 85 microns.
- 18. Lightning Finial would be fitted to tower top and each leg of the tower should be connected to adequate earth system with copper tapes.
 - 19. The tower can be fitted with adequate Latchways fall arrest system on the ladder or on the climbing leg if step bolts are requested.

NOTES:

- DRAWINGS FOR PLANNING PURPOSES ONLY.
- 2. FIGURED DIMENSIONS ONLY TO BE TAKEN FROM THIS DRAWING.
- 3. GRID REFERENCES TO ITM.
- 4. ALL LEVELS SHOWN RELATE TO ORDNANCE SURVEY DATUM AT MALIN HEAD



Client:	MANOGATE LTD.
Client:	MANOGATE LTD.

Project:

BALLYFASY WIND FARM PLANNING APPLICATION

PROPOSED MET MAST DETAILS

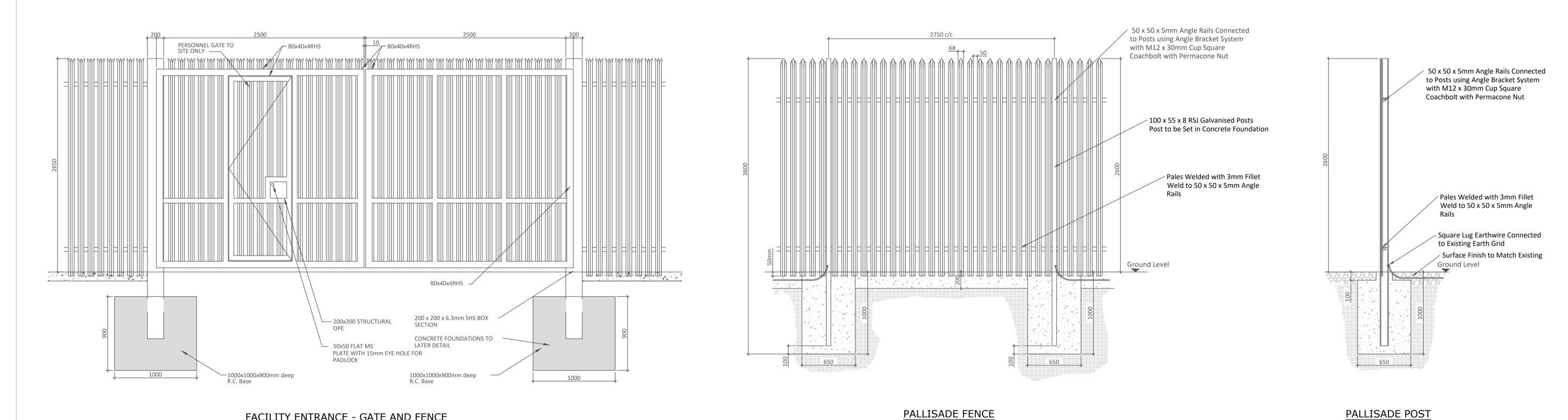
As Shown Prepared by: Checked by: M. Nolan A. Murphy November 2025 Drawing Status: Planning



Drawing No.: Revision:

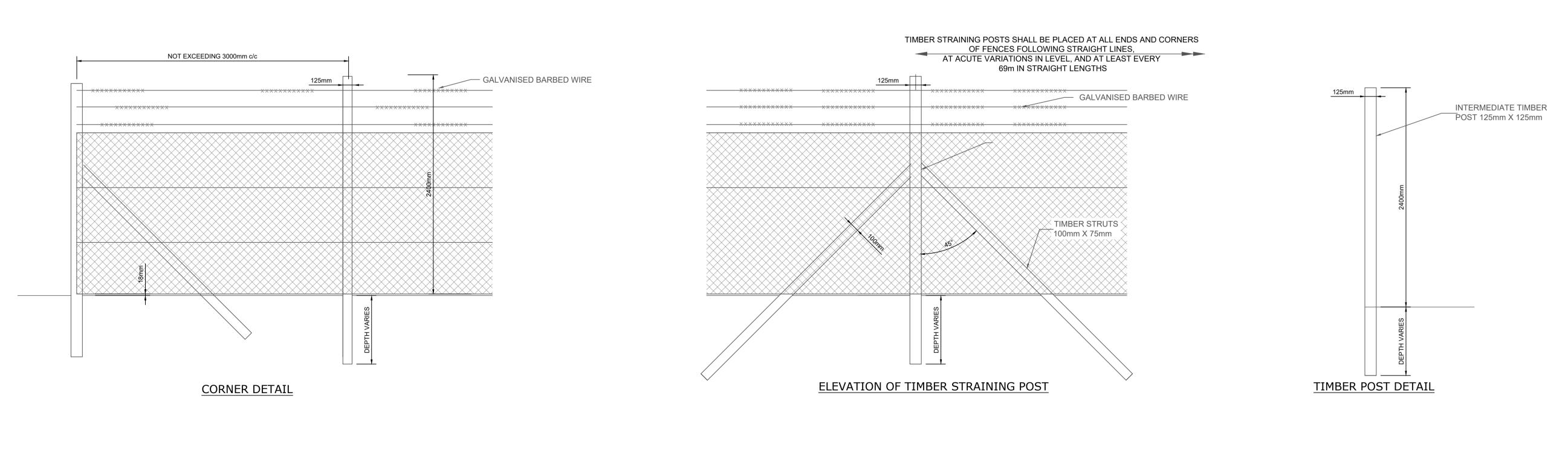
11474-2026





PALLISADE FENCE DETAILS

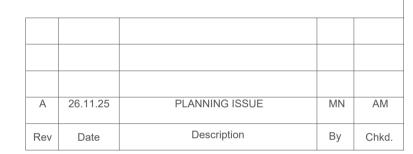
FACILITY ENTRANCE - GATE AND FENCE

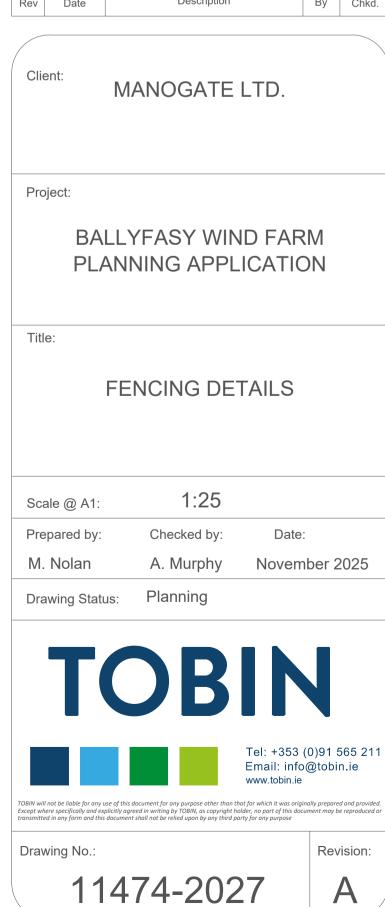


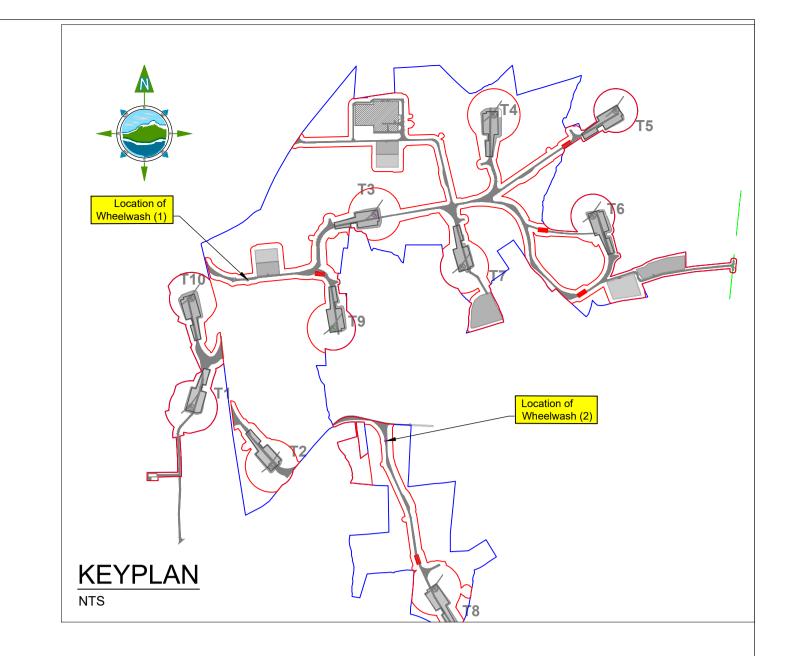
CHAINLINK PERIMETER SECURITY FENCE DETAILS

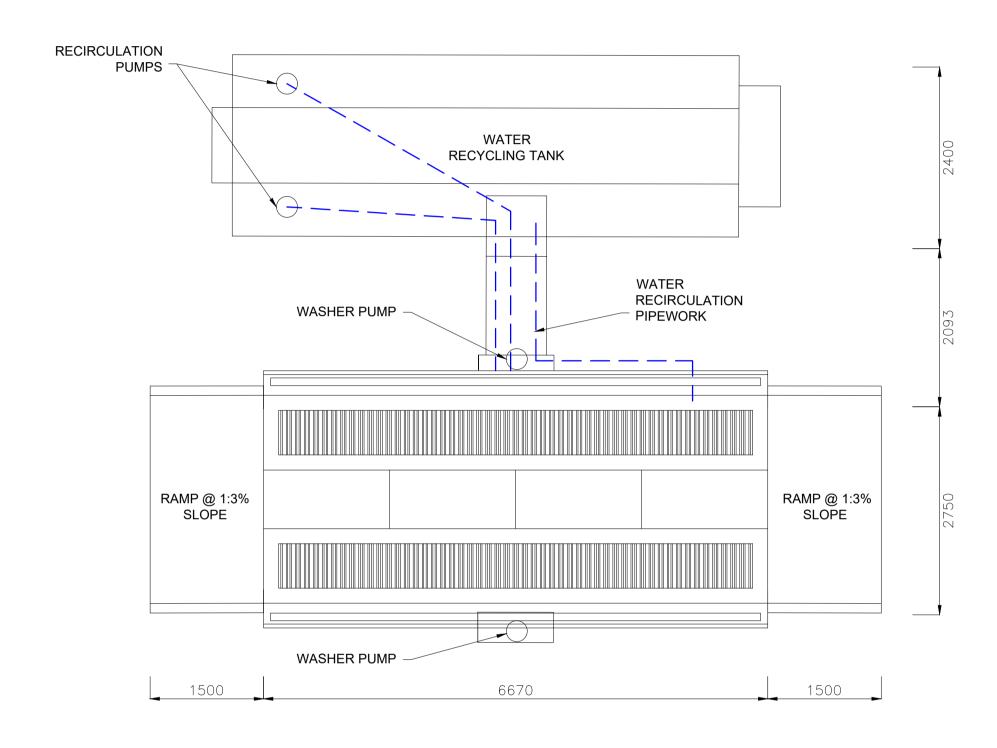
NOTES:

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- GRID REFERENCES TO ITM.
- 4. ALL LEVELS SHOWN RELATE TO ORDNANCE SURVEY DATUM AT MALIN HEAD





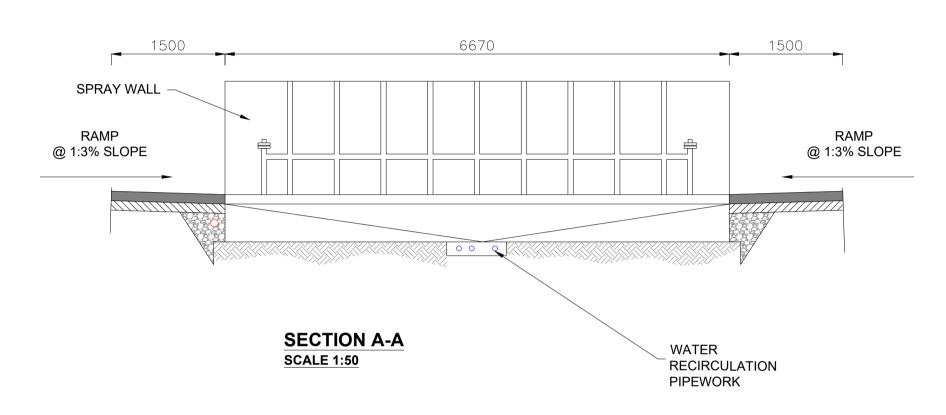


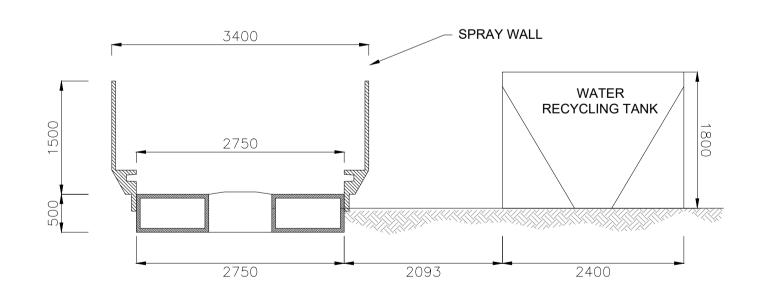


WHEELWASH - PLAN SCALE 1:50

NOTE:

- 1. ORIENTATION VARIES AS MULTIPLE INSTANCES ON SITE, NORTH POINT CAN BE SEEN ON DRG. NO: 11474-2010.
- 2. FLOOR LEVEL VARIES.





SECTION B-B SCALE 1:50

NOTES:

- DRAWINGS FOR PLANNING PURPOSES ONLY.
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- FROM THIS DRAWING. 3. GRID REFERENCES TO ITM.
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Α	26.11.25	PLANNING ISSUE	MN	AM
Rev	Date	Description	Ву	Chkd.

MANOGATE LTD.

Project:

BALLYFASY WIND FARM PLANNING APPLICATION

Title:

PROPOSED SELF CONTAINED TEMPORARY WHEELWASH **DETAILS**

As Shown Scale @ A1: Date: Checked by: Prepared by: A. Murphy November 2025 M. Nolan

Drawing Status: Planning



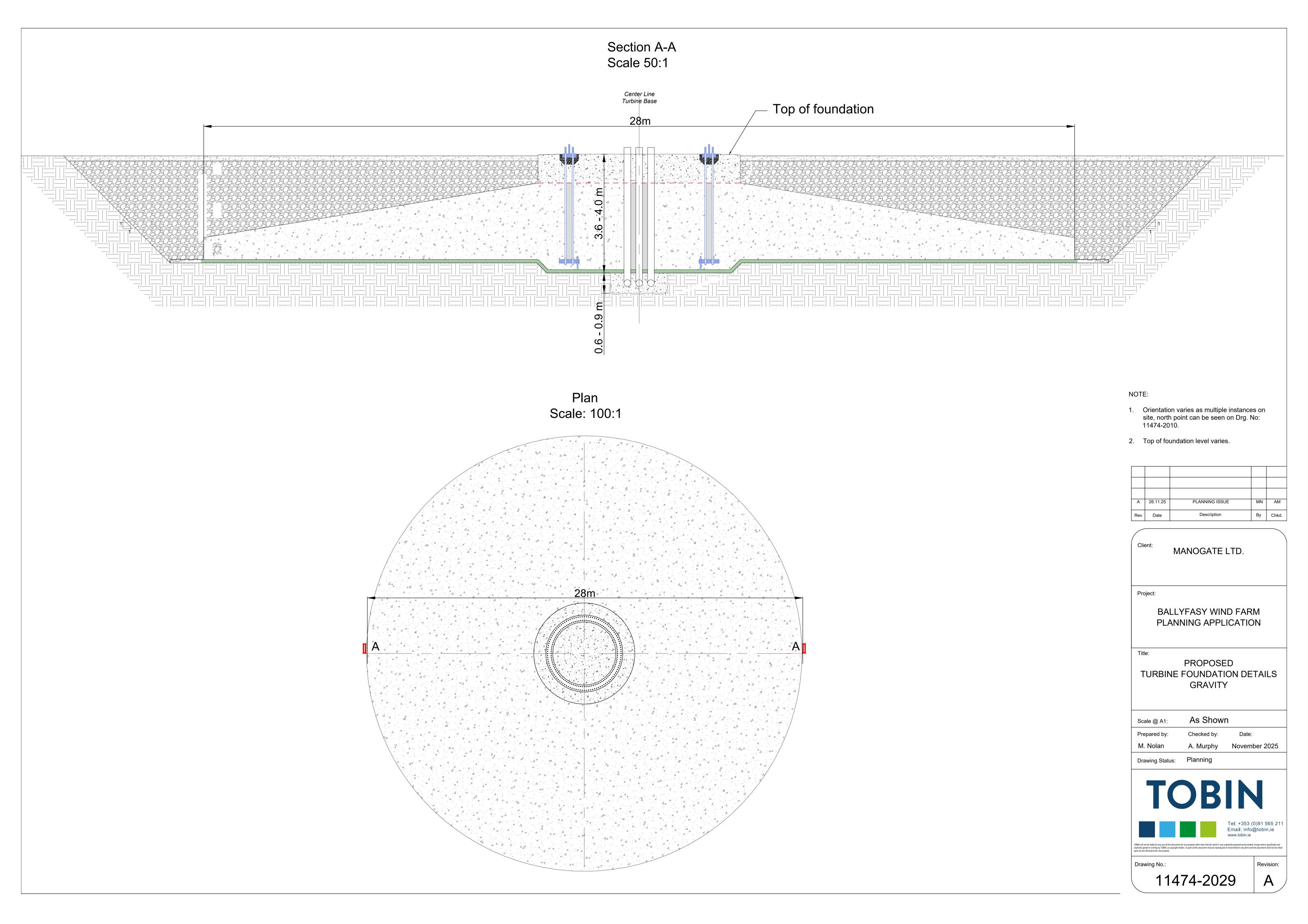


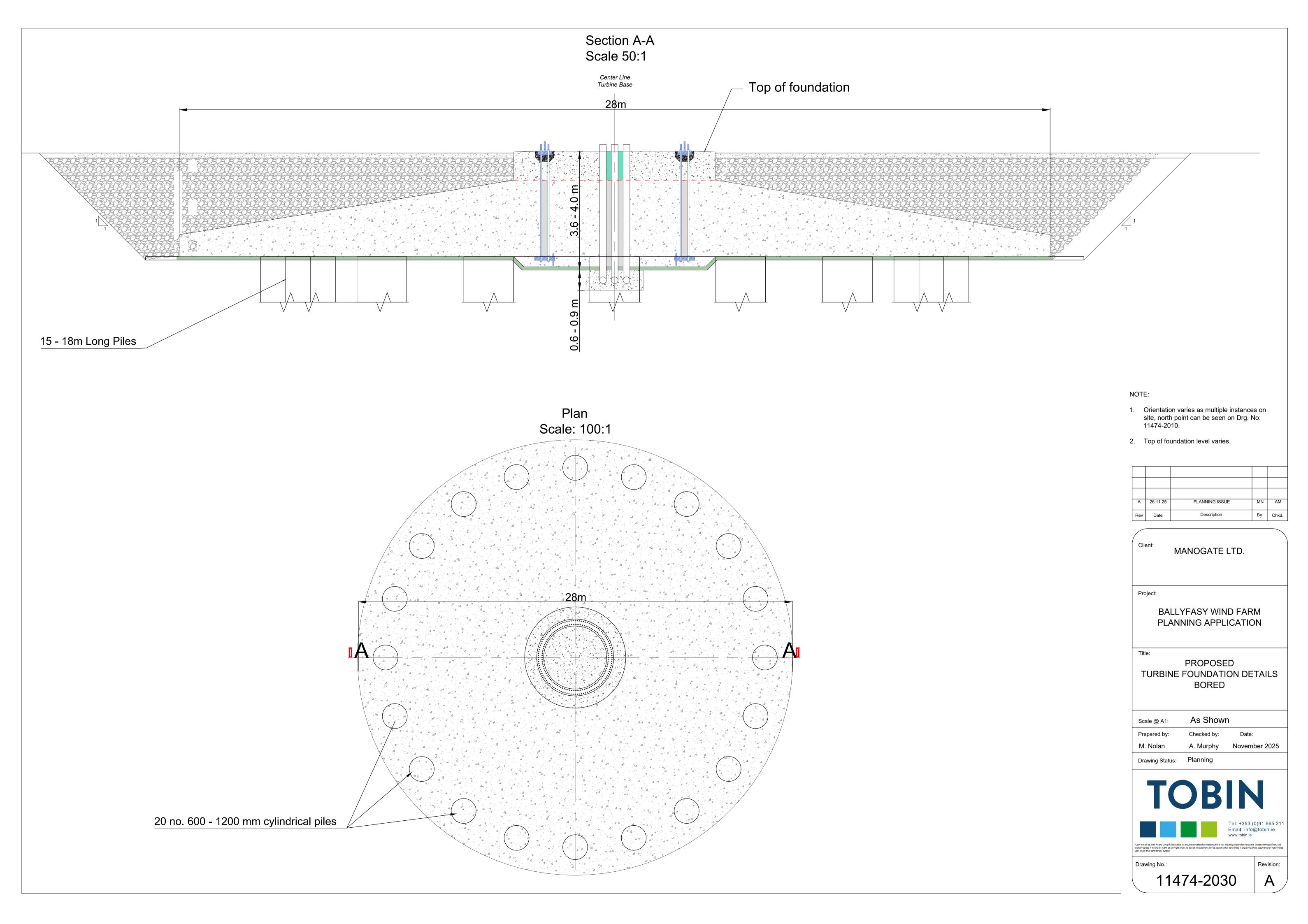
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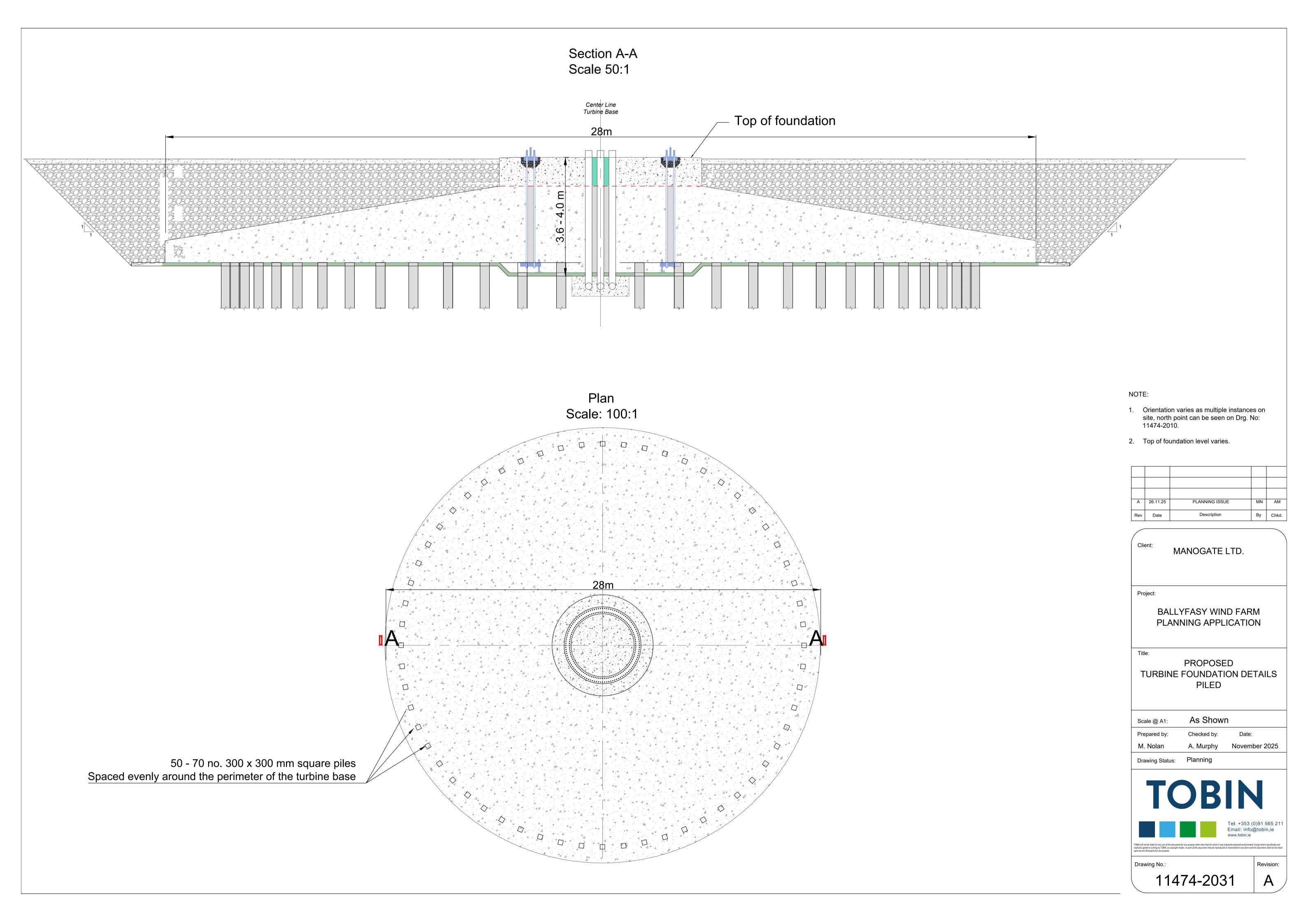
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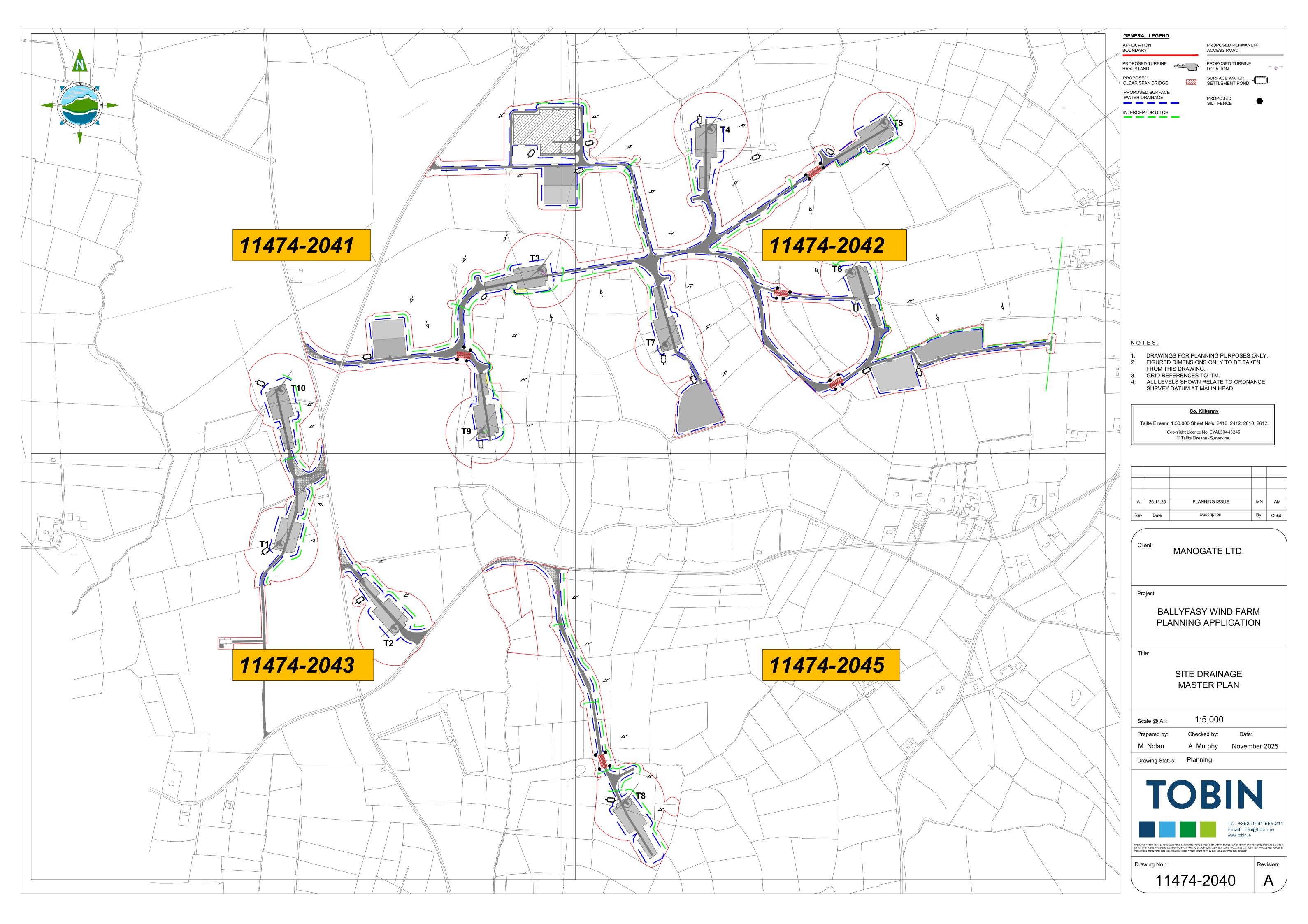
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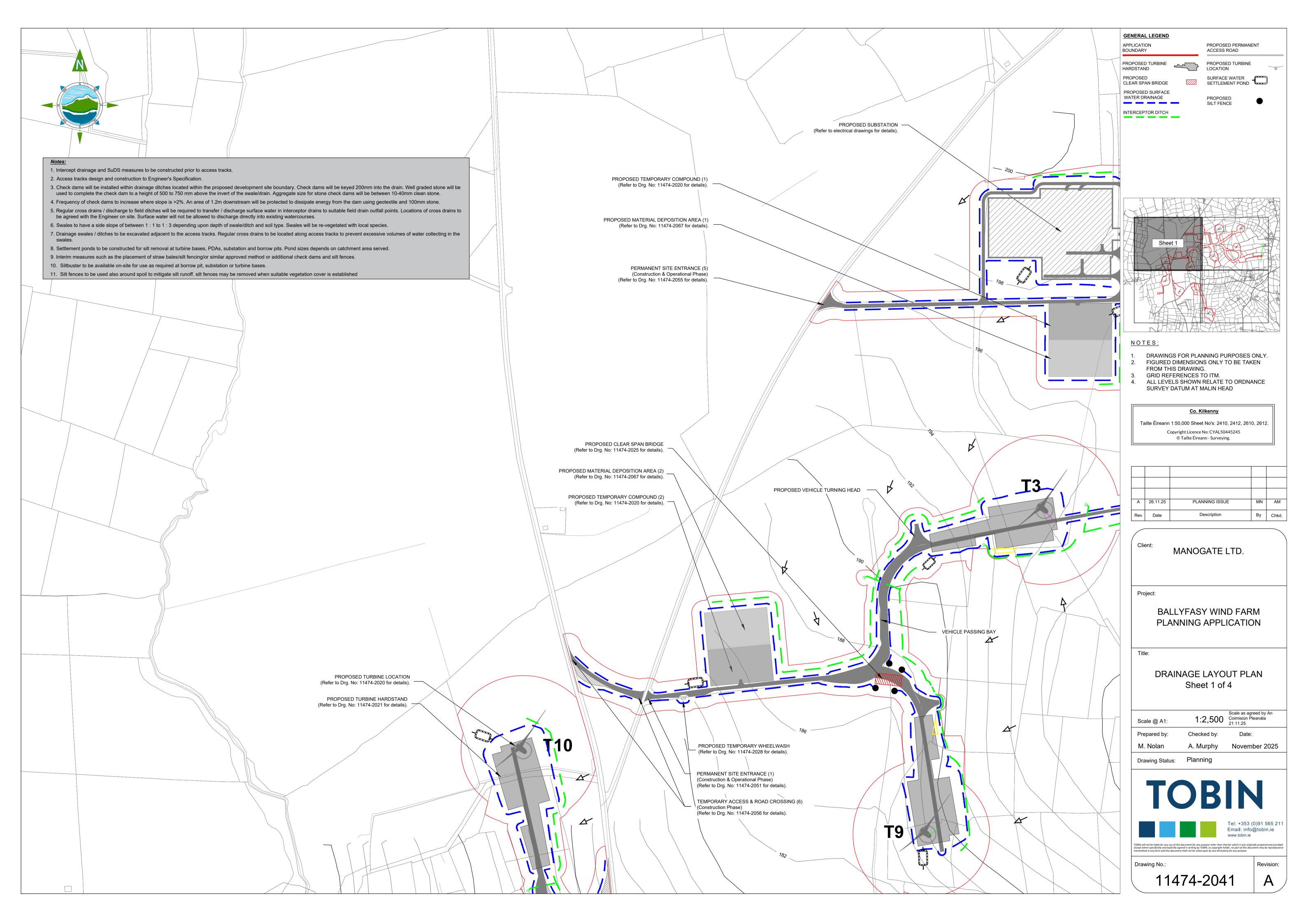
11474-2028

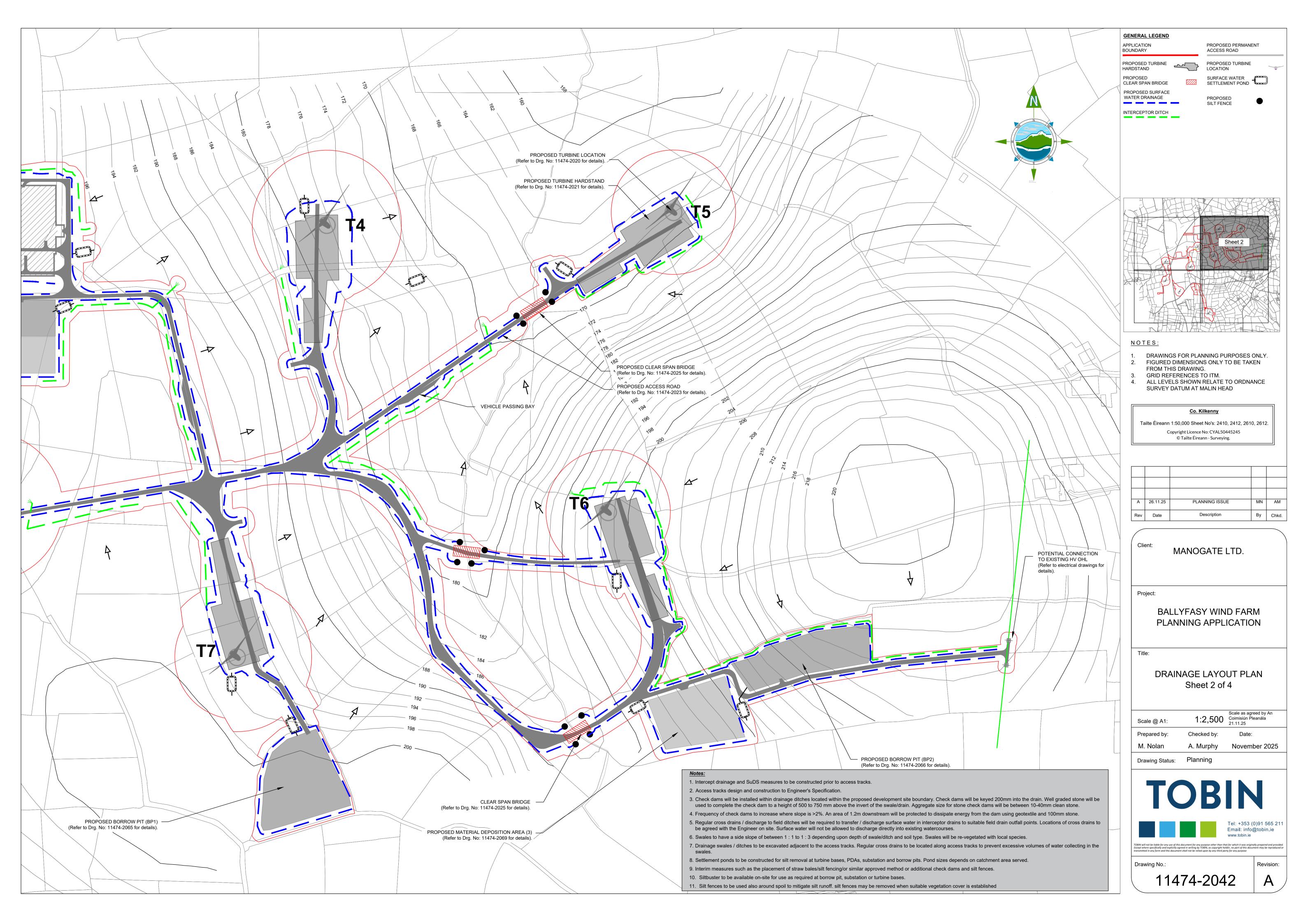


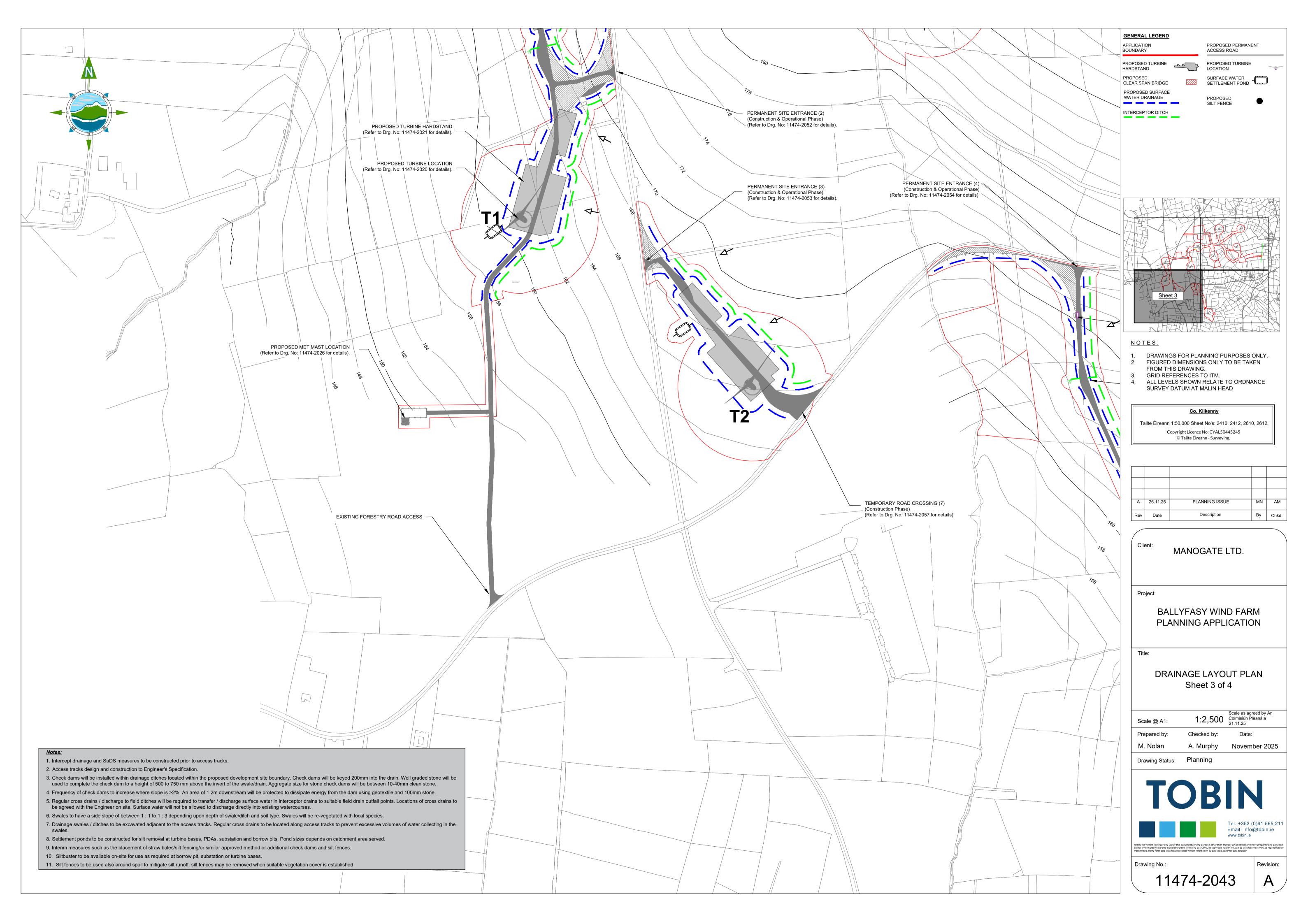


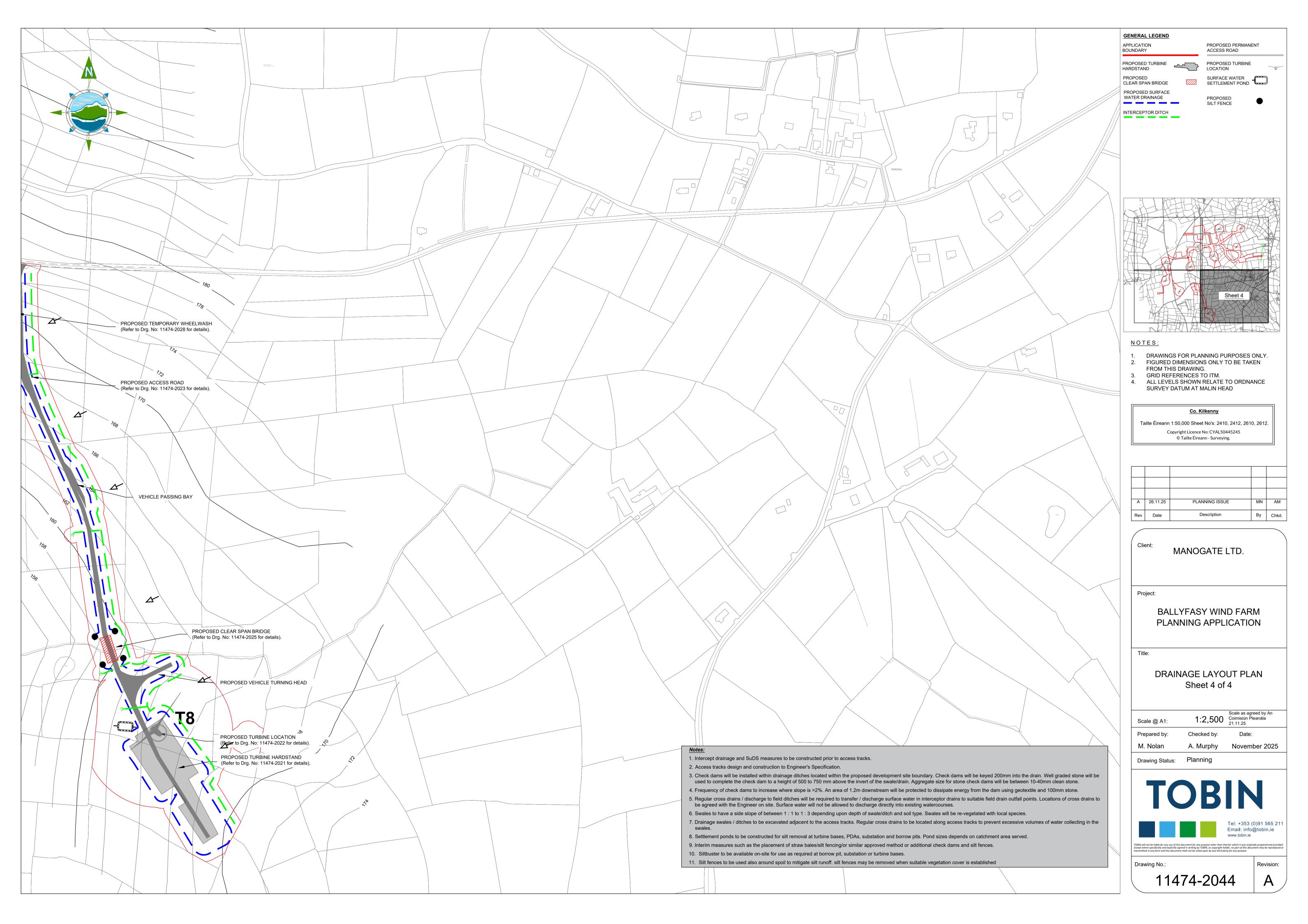


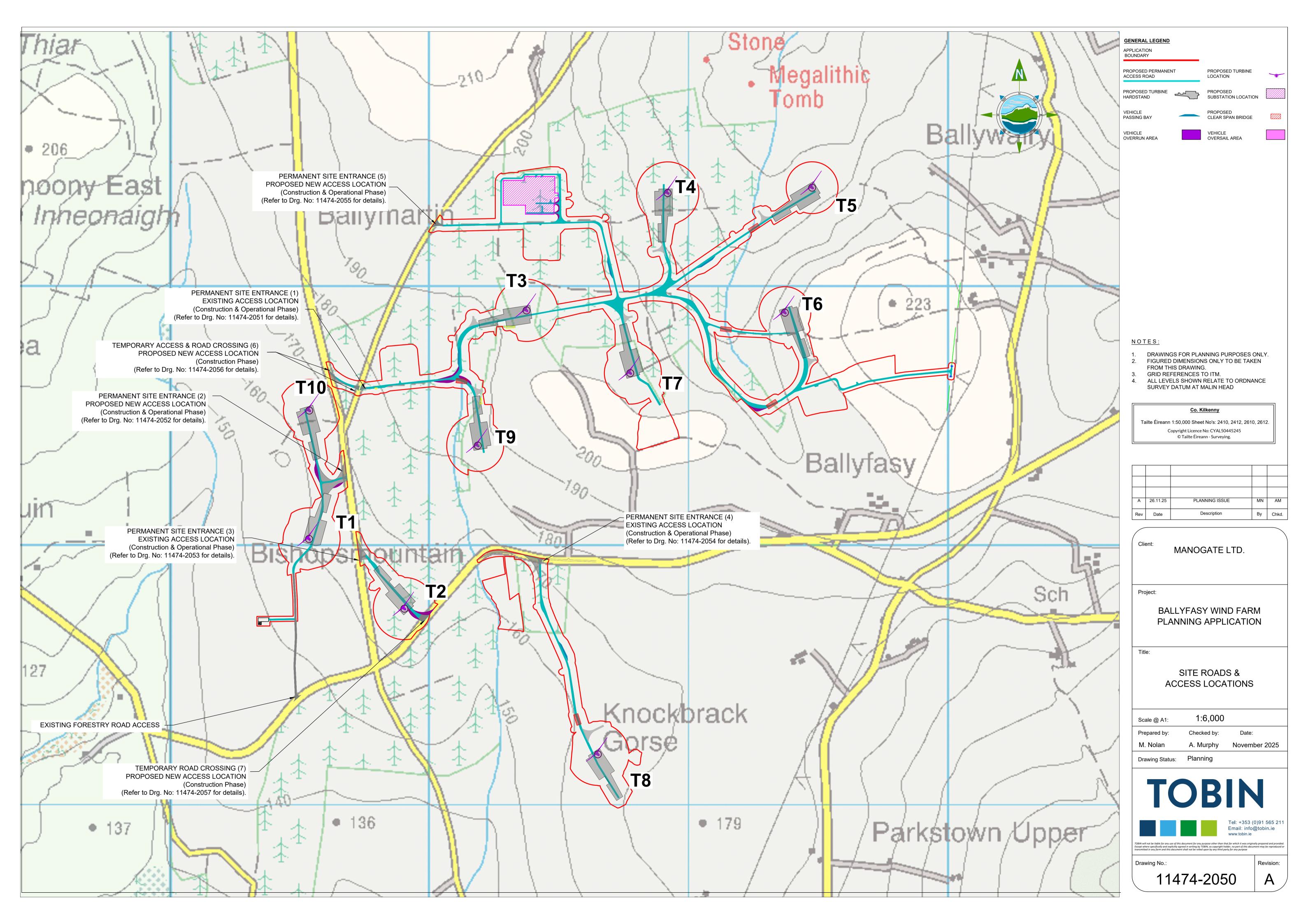


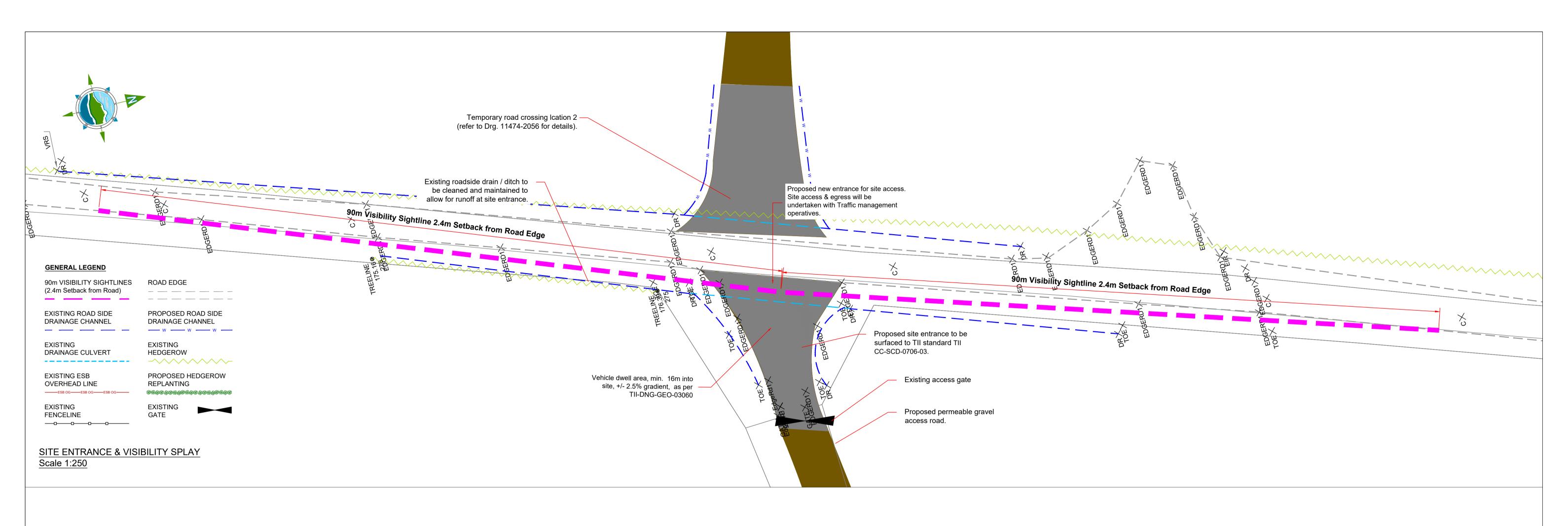


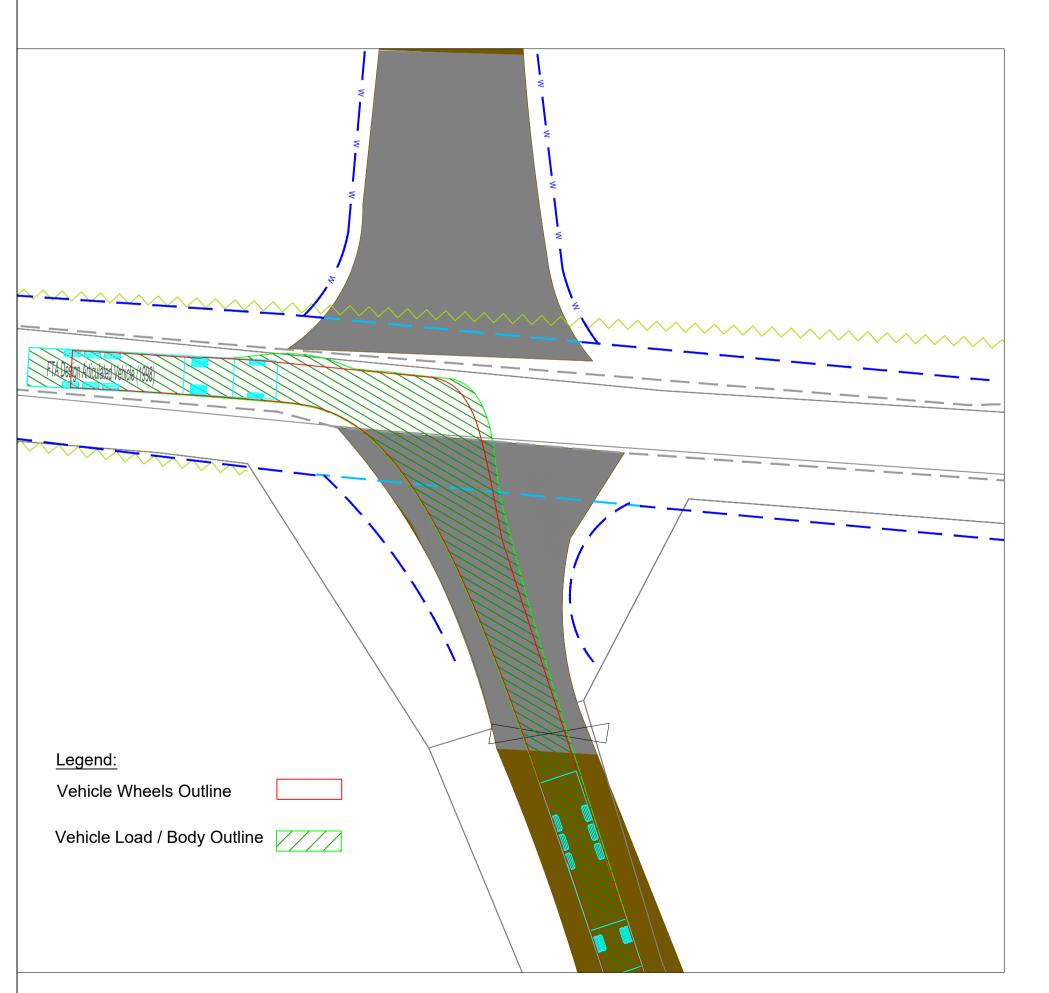


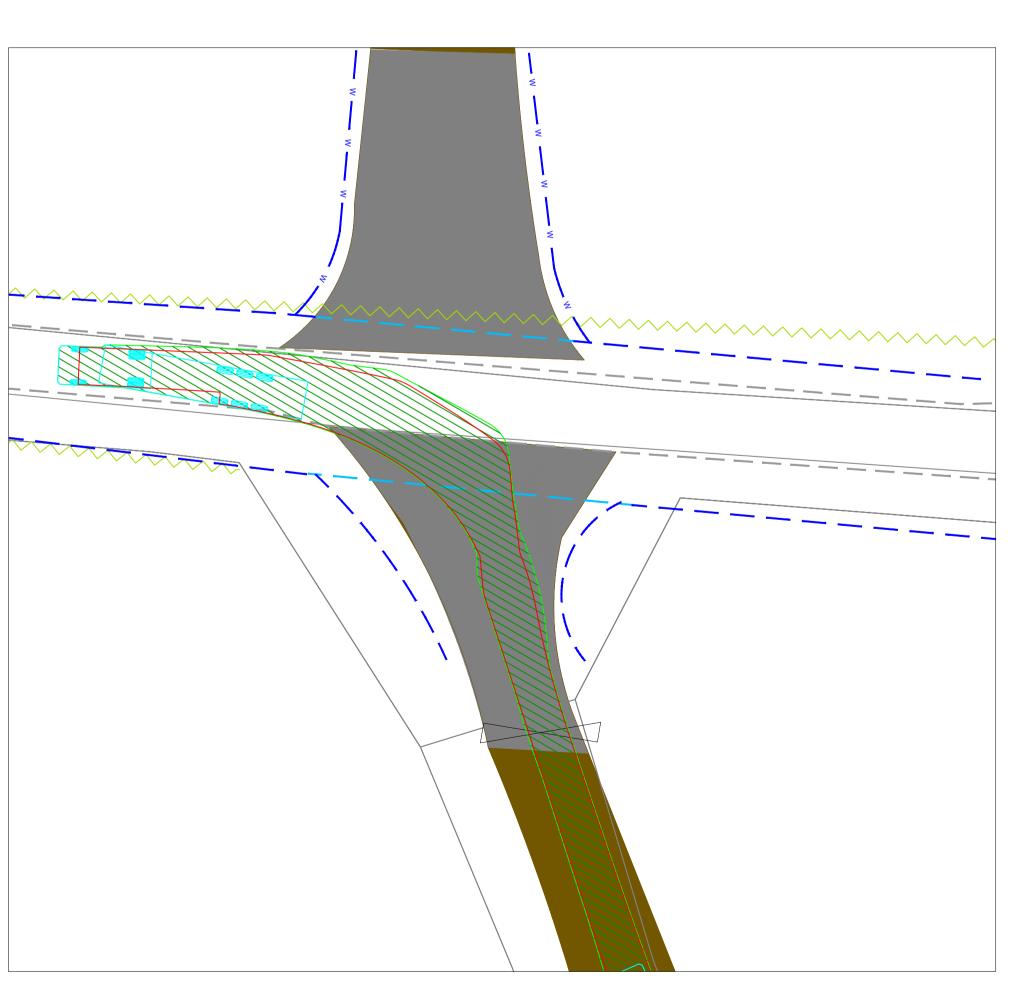


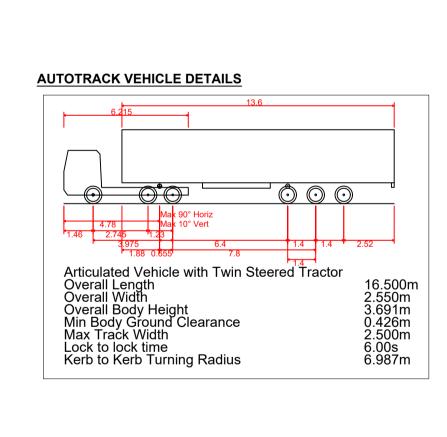












NOTES:

DRAWING.

2. ALL DRAWINGS TO BE CHECKED BY THE
CONTRACTOR ON SITE.

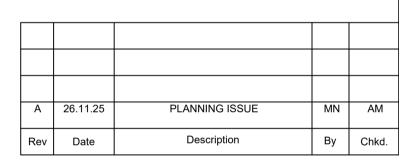
3. ENGINEER/EMPLOYERS REPRESENTATIVE, AS
APPROPRIATE, TO BE INFORMED BY THE CONTRACTOR
OF ANY DISCREPANCIES BEFORE ANY WORK
COMMENCES.

4. THE CONTRACTOR SHALL UNDERTAKE A THOROUGH
CHECK FOR THE ACTUAL LOCATION OF ALL
SERVICES/UTILITIES, ABOVE AND BELOW GROUND,

1. FIGURED DIMENSIONS ONLY TO BE TAKEN FROM THIS

4. THE CONTRACTOR SHALL UNDERTAKE A THOROUGH CHECK FOR THE ACTUAL LOCATION OF ALL SERVICES/UTILITIES, ABOVE AND BELOW GROUND, BEFORE ANY WORK COMMENCES.

5. ALL LEVELS SHOWN RELATE TO ORDNANCE SURVEY DATUM AT MALIN HEAD.



Client: MANOGATE LTD.

BALLYFASY WIND FARM PLANNING APPLICATION

Project:

Title:
PERMANENT ACCESS LOCATION 1
SITE ENTRANCE &
VISIBILITY SIGHTLINES

(Construction & Operational)

Scale @ A1: 1:250

Prepared by: Checked by: Date:

M. Nolan A. Murphy November 2025

TOBIN

Tel: +353 (0)91 565 27

Tel: +353 (0)91 565 211
Email: info@tobin.ie
www.tobin.ie

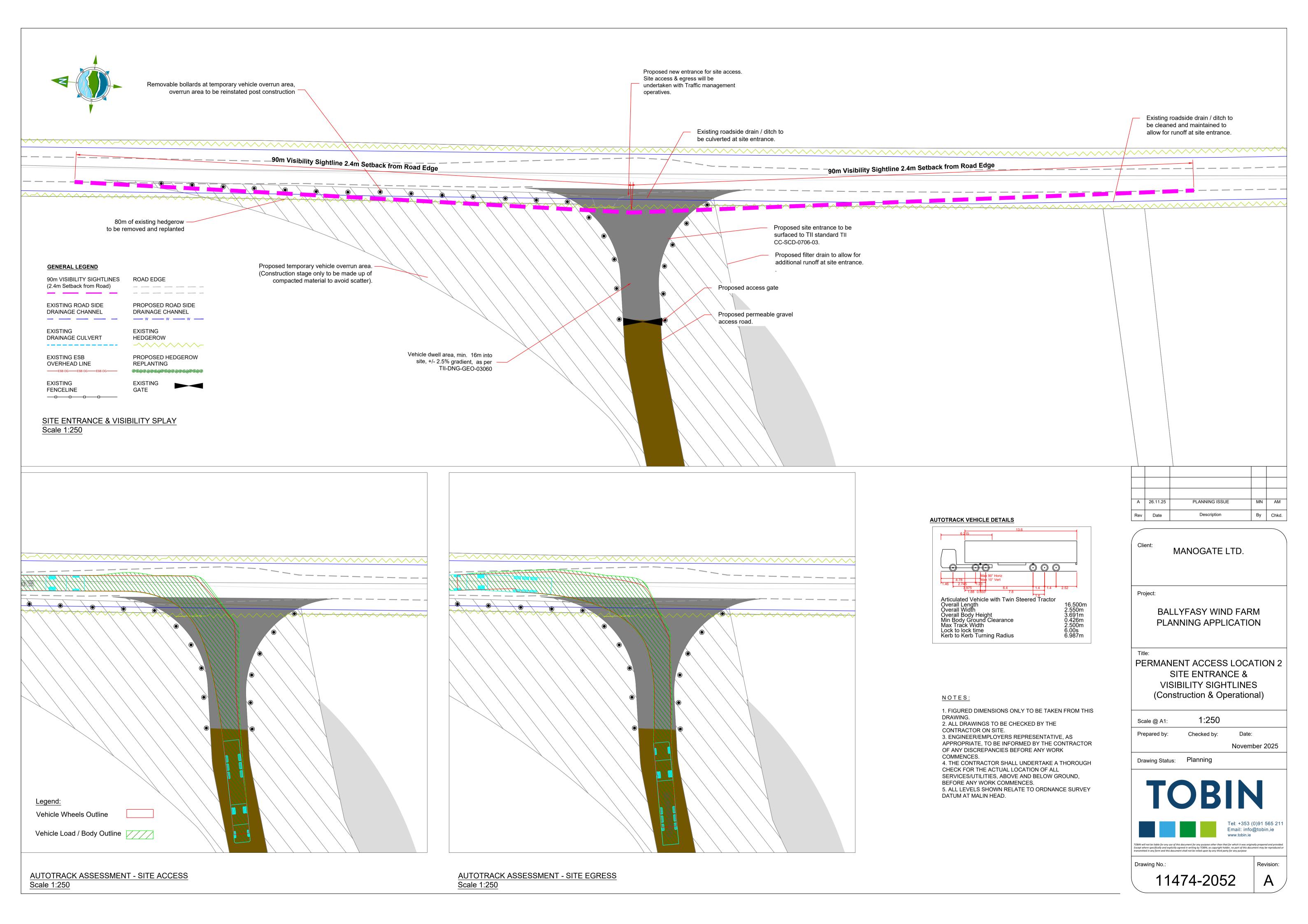
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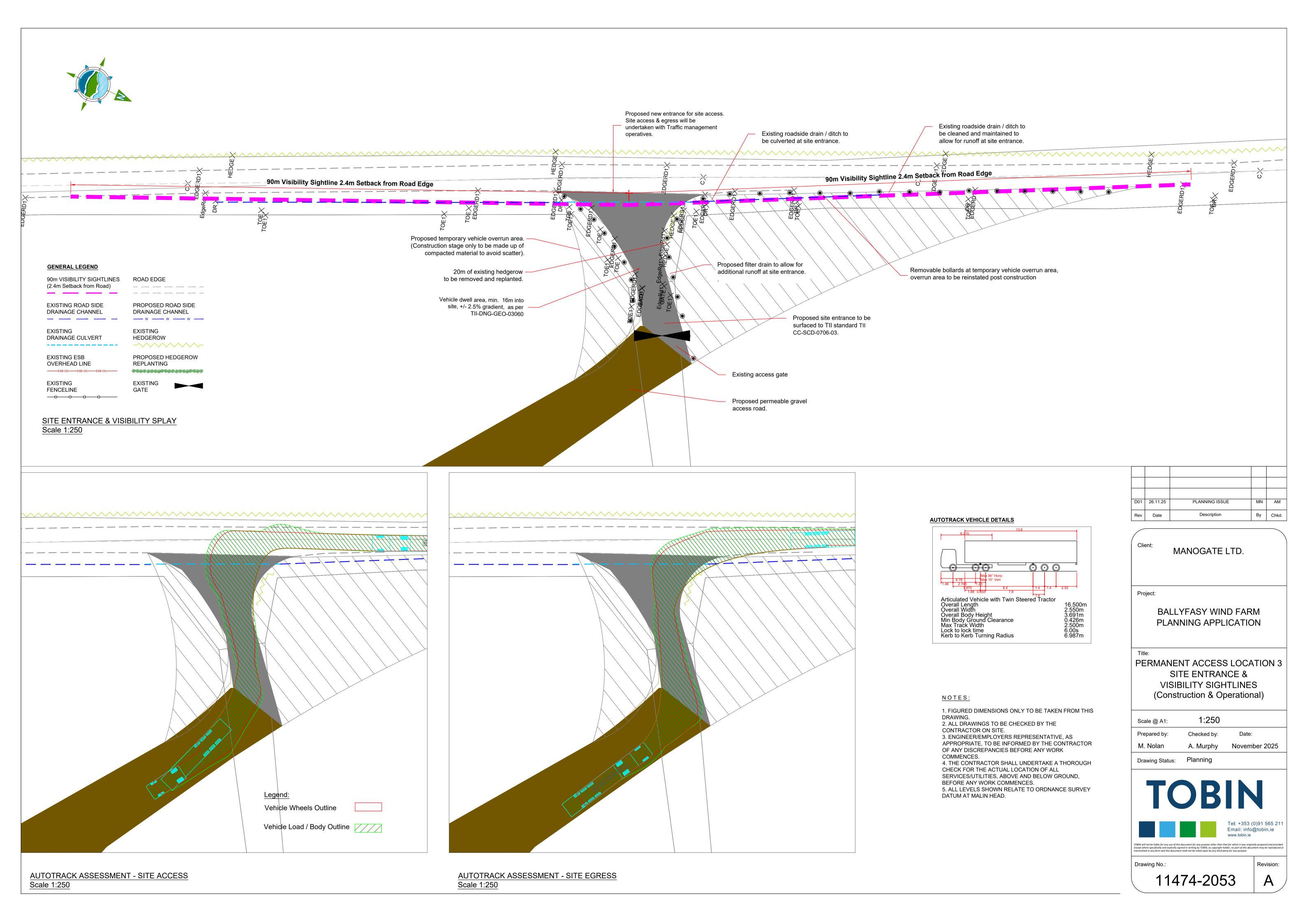
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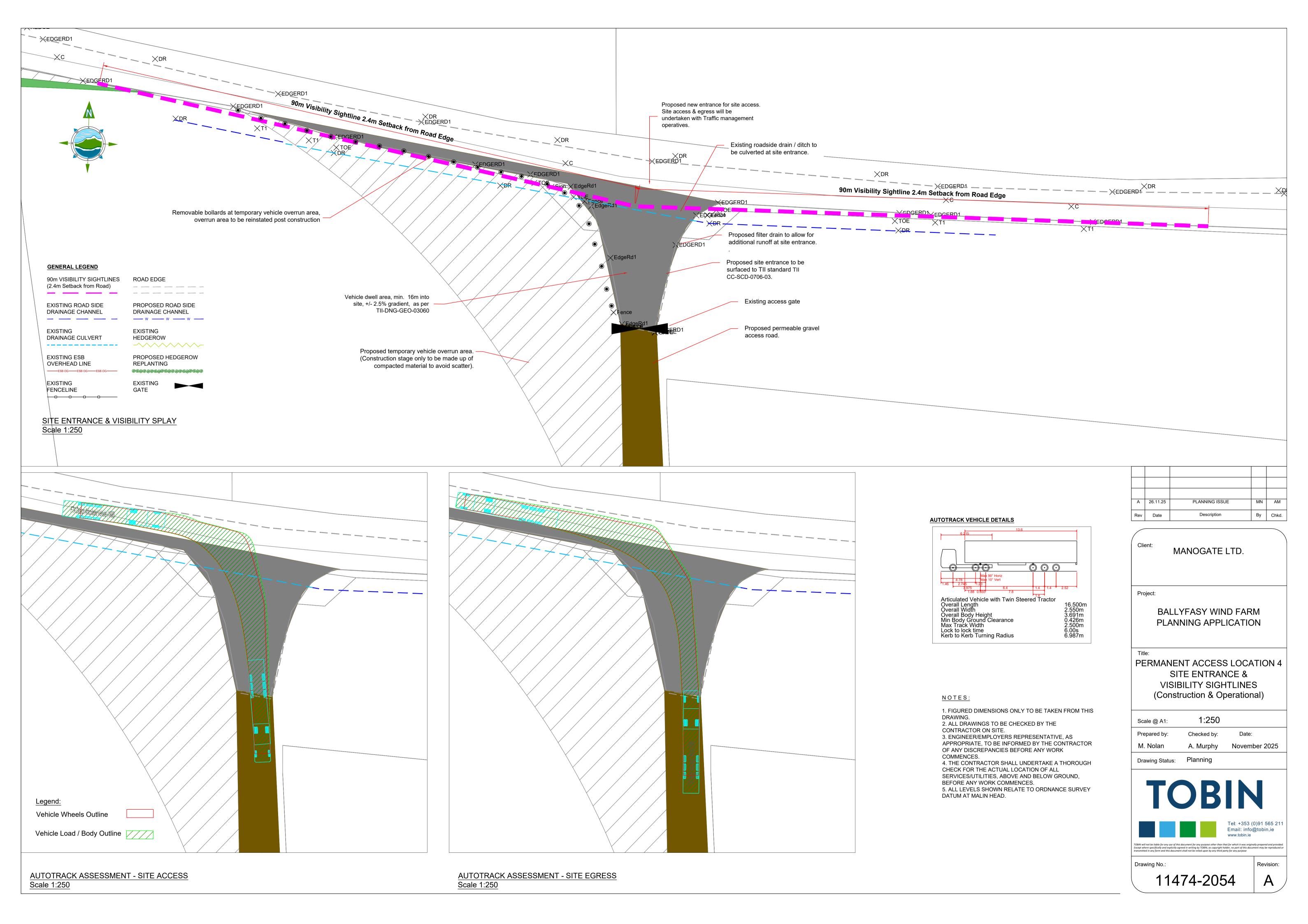
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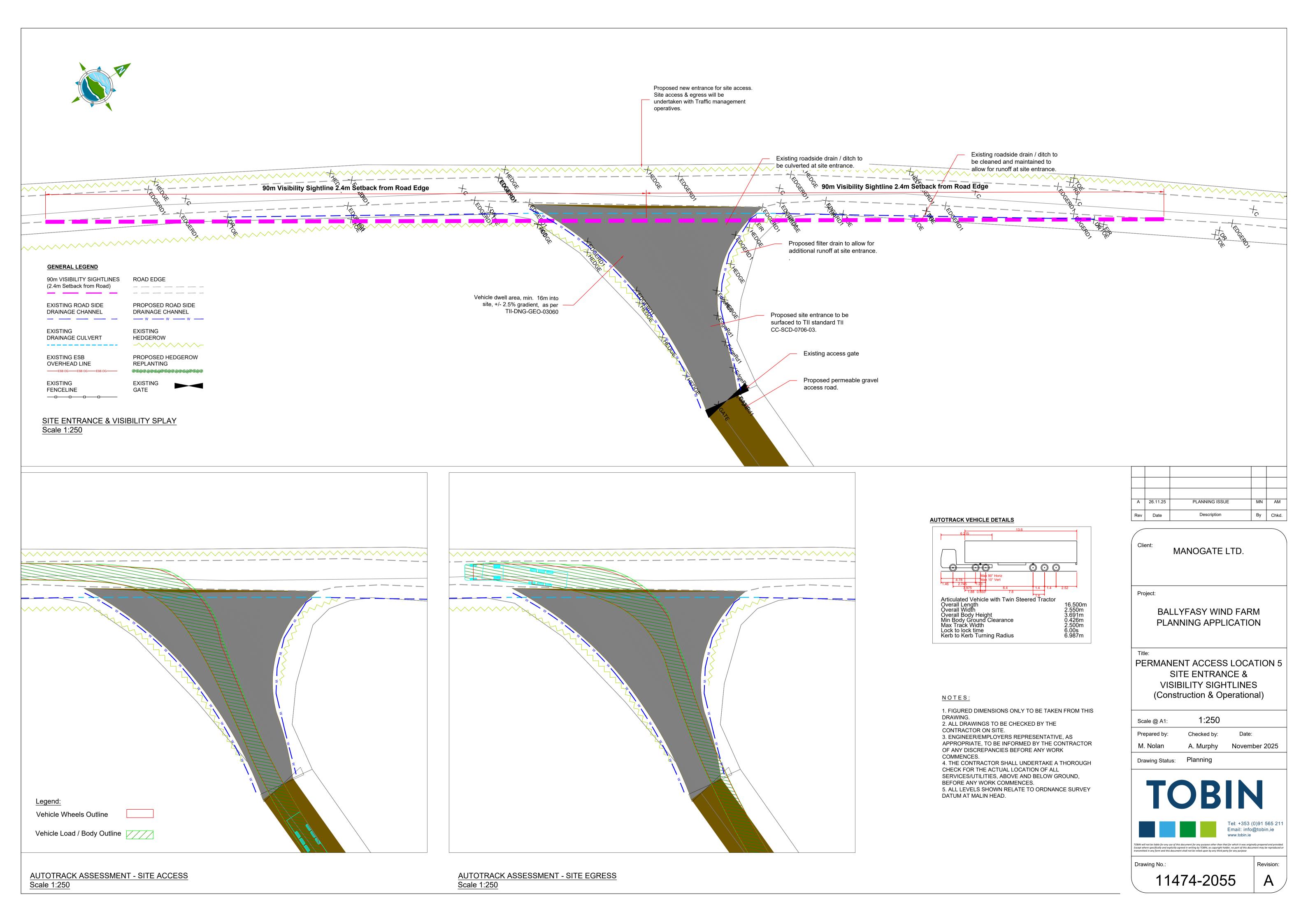
11474-2051

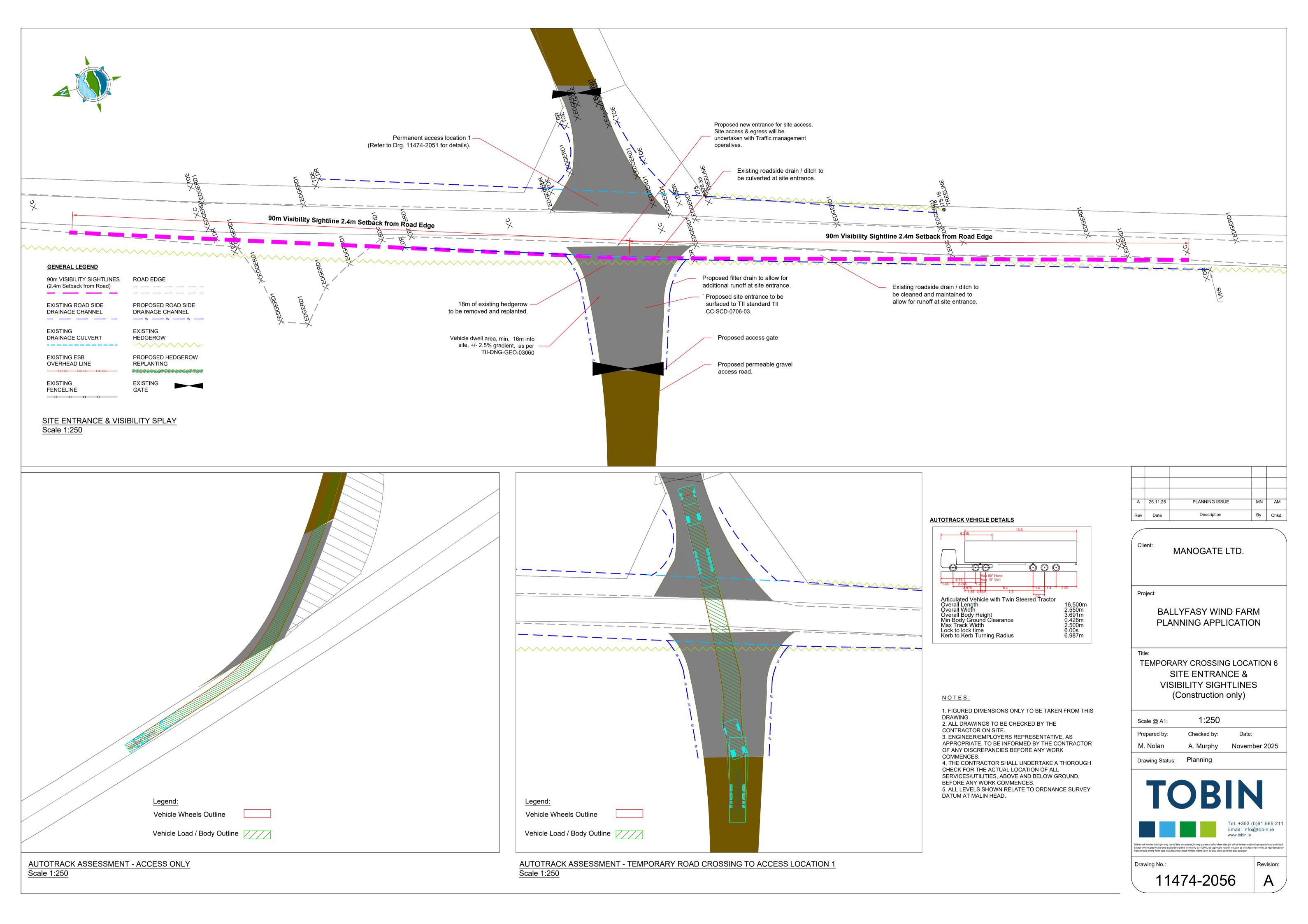
AUTOTRACK ASSESSMENT - SITE ACCESS Scale 1:250 AUTOTRACK ASSESSMENT - SITE EGRESS Scale 1:250



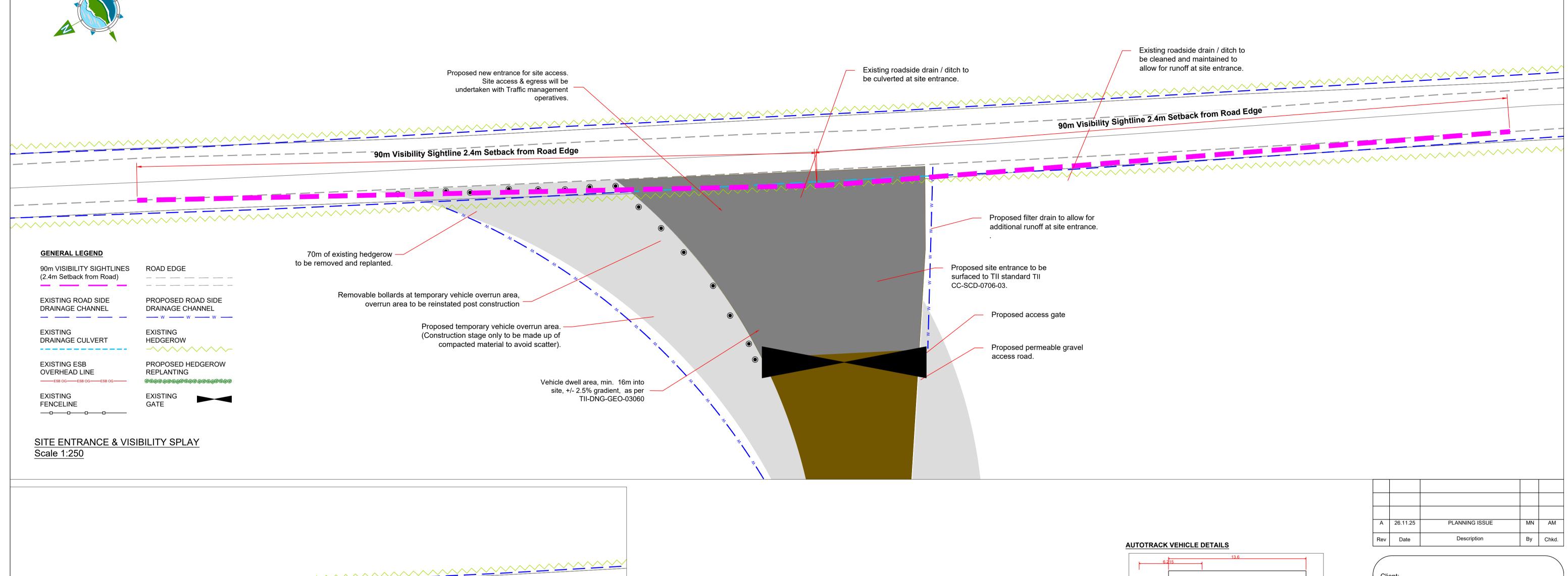




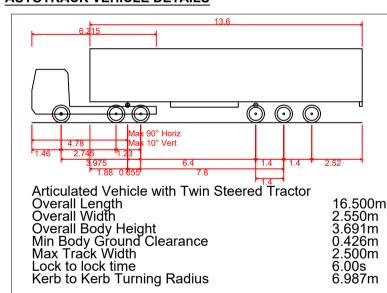








Legend: Vehicle Wheels Outline



NOTES:

1. FIGURED DIMENSIONS ONLY TO BE TAKEN FROM THIS DRAWING. 2. ALL DRAWINGS TO BE CHECKED BY THE CONTRACTOR ON SITE. 3. ENGINEER/EMPLOYERS REPRESENTATIVE, AS APPROPRIATE, TO BE INFORMED BY THE CONTRACTOR OF ANY DISCREPANCIES BEFORE ANY WORK COMMENCES. 4. THE CONTRACTOR SHALL UNDERTAKE A THOROUGH

CHECK FOR THE ACTUAL LOCATION OF ALL SERVICES/UTILITIES, ABOVE AND BELOW GROUND, BEFORE ANY WORK COMMENCES. 5. ALL LEVELS SHOWN RELATE TO ORDNANCE SURVEY

DATUM AT MALIN HEAD.

MANOGATE LTD.

Project:

BALLYFASY WIND FARM PLANNING APPLICATION

TEMPORARY CROSSING LOCATION 7 SITE ENTRANCE & VISIBILITY SIGHTLINES (Egress only & Construction only)

1:250 Scale @ A1: Prepared by: Checked by: M. Nolan A. Murphy November 2025

Drawing Status: Planning



Revision:

Drawing No.:

11474-2057

AUTOTRACK ASSESSMENT

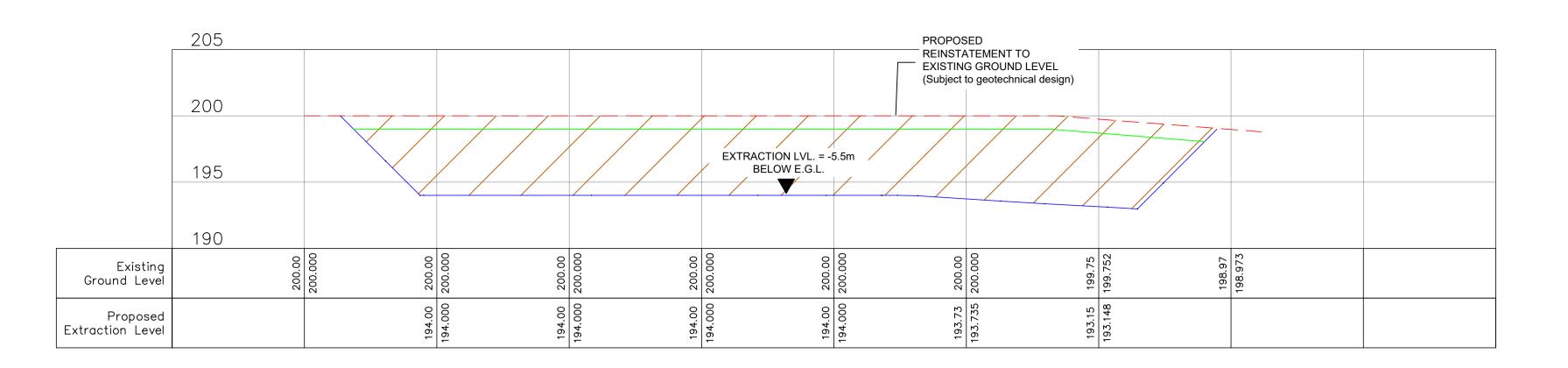
Vehicle Load / Body Outline



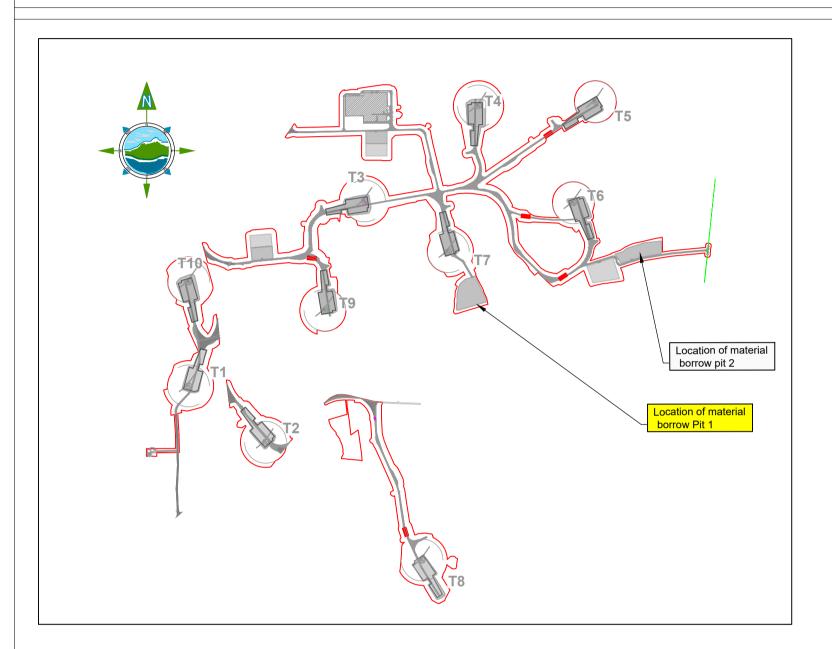








SECTION THROUGH BORROW PIT Scale H- 1:500 / V- 1:250







1m OVERBURDEN

PROPOSED CHAINLINK SECURITY FENCE

LEVEL

REFER TO DRAINAGE DRAWINGS FOR FULL DRAINAGE

PLANNING ISSUE

Description

MANOGATE LTD.

BALLYFASY WIND FARM PLANNING APPLICATION

PROPOSED BORROW PIT 1

PLAN & SECTION

As Shown

Checked by:

A. Murphy

TOBIN

11474-2065

November 2025

Revision:

By Chkd.

PROPOSED BORROW

A 26.11.25

Rev Date

Project:

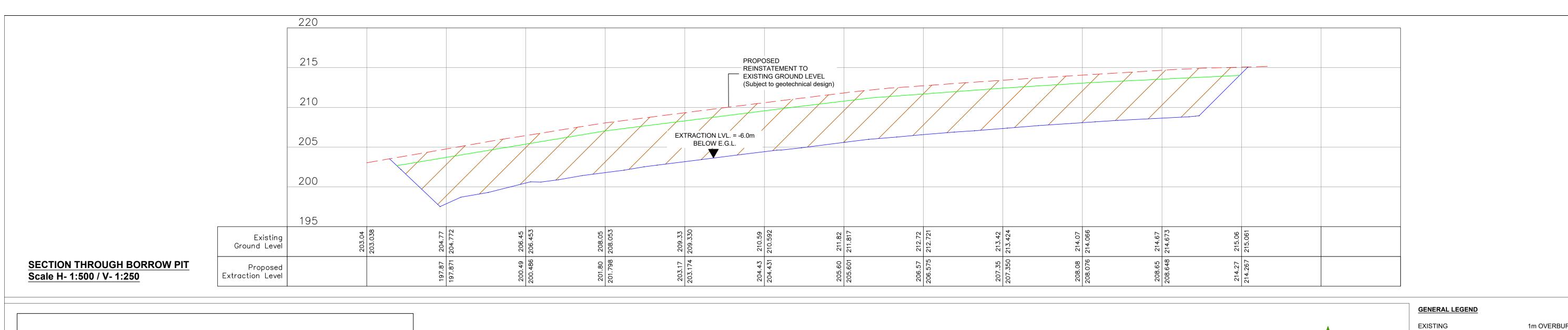
Prepared by:

M. Nolan

Drawing No.:

Drawing Status: Planning

PROPOSED





DEPOSITION LVL. = +1m 195 Existing Ground Level Proposed Deposition Level

SECTION THROUGH MATERIAL DEPOSITION AREA

Scale H- 1:500 / V- 1:100

200 DEPOSITION LVL. = +1m ABOVE E.G.L. 195 Existing Ground Level 198.96 198.956 Proposed Deposition Level

SECTION THROUGH MATERIAL DEPOSITION AREA Scale H- 1:500 / V- 1:100

