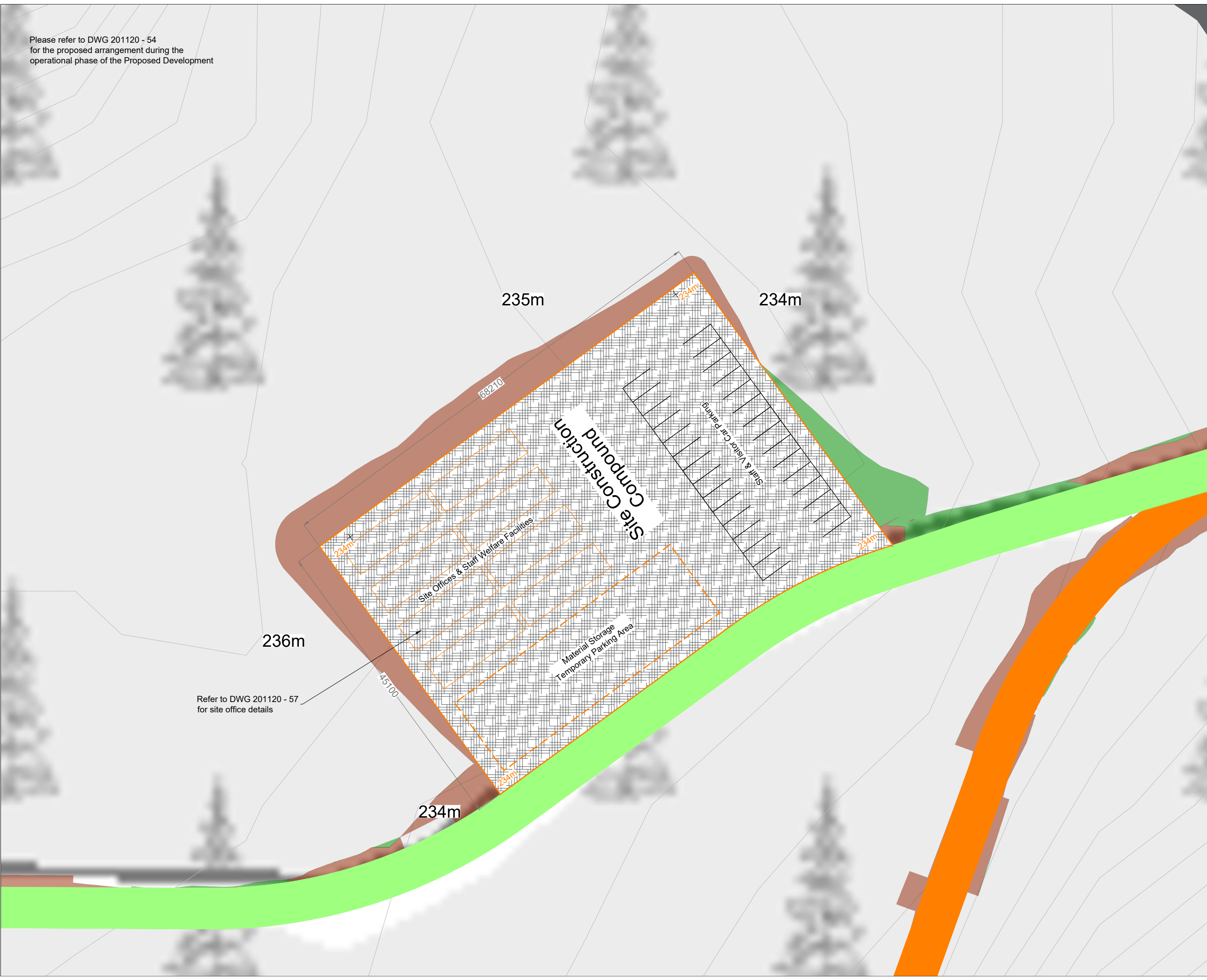


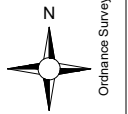
Please refer to DWG 201120 - 54
for the proposed arrangement during the
operational phase of the Proposed Development

- Project Design Drawing Notes**
1. Drawings issued are for planning application purposes only.
 2. Drawings not to be used for construction/contract conditions.
 3. Copyright, all rights reserved. No part hereof may be copied or reproduced partially or wholly in any form whatsoever without the prior notice of the copyright owner McCarthy Keville O'Sullivan.
 4. Do not scale off this drawing. Figured metric dimensions only should be taken off this drawing.
 5. All contractors, whether main or sub-contractors, must visit the site and are responsible for taking and checking any and all dimensions and levels that relate to the works.
 6. The use of or reliance upon this drawing shall be deemed to be acceptance of these conditions of use unless otherwise agreed in writing, such written agreement to be sought from and issued by the copyright holder to the use or reliance upon this drawing.
 7. Layout plans show typical Turbine rotor diameter as per turbine drawing.
 8. Final levels may vary depending on local ground conditions.



Refer to DWG 201120 - 57
for site office details

- Drawing Legend**
- Existing Road to be Upgraded
 - Proposed Road
 - Cut
 - Fill



Ordnance Survey Ireland Licence No. CYAL502675176 Ordnance Survey Ireland/Government of Ireland

Temporary Construction Compound 1

Glenora Wind Farm, Co. Mayo

DRAWING BY: Joseph O'Brien	CHECKED BY: Eoin McCarthy
PROJECT No: 201120	DRAWING No: 201120 - 47
SCALE: 1:500 @ A3	DATE: 12.12.2023

OS SHEET No: 939, 940, 941, 942, 943, 995, 996, 997, 998, 999, 1054, 1055, 1056, 1057, 1058, 1114, 1115, 1116, 1117, 1118

MKO
Planning and Environmental Consultants
Tuam Road, Galway
Ireland, H91 VW84
+353 (0) 91 735611
email: info@www.mkofireland.ie
Website: www.mkofireland.ie

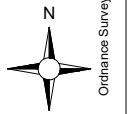
Project Design Drawing Notes

1. Drawings issued are for planning application purposes only.
2. Drawings not to be used for construction/contract conditions.
3. Copyright, all rights reserved. No part hereof may be copied or reproduced partially or wholly in any form whatsoever without the prior notice of the copyright owner McCarthy Keville O'Sullivan.
4. Do not scale off this drawing. Figured metric dimensions only should be taken off this drawing.
5. All contractors, whether main or sub-contractors, must visit the site and are responsible for taking and checking any and all dimensions and levels that relate to the works.
6. The use of or reliance upon this drawing shall be deemed to be acceptance of these conditions of use unless otherwise agreed in writing, such written agreement to be sought from and issued by the copyright holder to the use or reliance upon this drawing.
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 Road
█	Cut
█	Fill



Ordnance Survey Ireland Licence No. CYAL502675176 Ordnance Survey Ireland/Government of Ireland

DRAWING TITLE:
Temporary Construction Compound 2

PROJECT TITLE:
Glenora Wind Farm, Co. Mayo

DRAWING BY: Joseph O'Brien	CHECKED BY: Eoin McCarthy
--------------------------------------	-------------------------------------

PROJECT No.: 201120	DRAWING No.: 201120 - 48
-------------------------------	------------------------------------

SCALE: 1:500 @ A3	DATE: 12.12.2023
-----------------------------	----------------------------

	<p>MKO Planning and Environmental Consultants Tuam Road, Galway Ireland, H91 VW84 +353 (0) 91 735611 email: info@www.mkofireland.ie Website: www.mkofireland.ie</p>
	<p>OS SHEET No.: 939, 940, 941, 942, 943, 995, 996, 997, 998, 999, 1054, 1055, 1056, 1057, 1058, 1114, 1115, 1116, 1117, 1118</p>

Project Design Drawing Notes

1. Drawings issued are for planning application purposes only.
2. Drawings not to be used for construction/contract conditions.
3. Copyright, all rights reserved. No part hereof may be copied or reproduced partially or wholly in any form whatsoever without the prior notice of the copyright owner McCarthy Keville O'Sullivan.
4. Do not scale off this drawing. Figured metric dimensions only should be taken off this drawing.
5. All contractors, whether main or sub-contractors, must visit the site and are responsible for taking and checking any and all dimensions and levels that relate to the works.
6. The use of or reliance upon this drawing shall be deemed to be acceptance of these conditions of use unless otherwise agreed in writing, such written agreement to be sought from and issued by the copyright holder to the use or reliance upon this drawing.
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



Temporary Construction Compound 3

PROJECT TITLE:
Glenora Wind Farm, Co. Mayo

DRAWING BY: **Joseph O'Brien** CHECKED BY: **Eoin McCarthy**

PROJECT No.: **201120** DRAWING No.: **201120 - 49**

SCALE: **1:500 @ A3** DATE: **12.12.2023**

OS SHEET No.: 939, 940, 941, 942, 943, 995, 996, 997, 998, 999, 1054, 1055, 1056, 1057, 1058, 1114, 1115, 1116, 1117, 1118

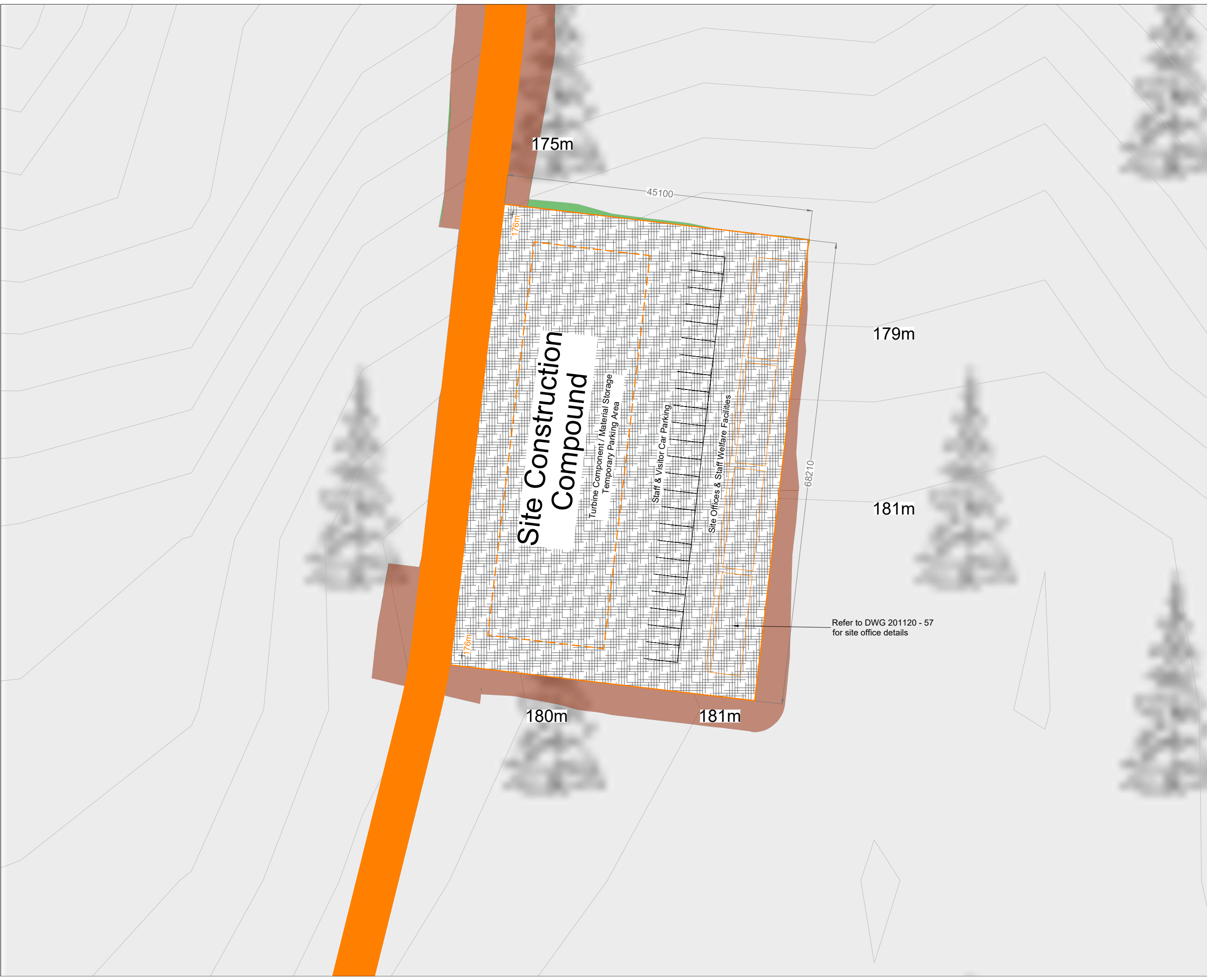


MKO
Planning and Environmental Consultants
Tuam Road, Galway
Ireland, H91 VW84
+353 (0) 91 735611
email: info@www.mkofireland.ie
Website: www.mkofireland.ie



Ordnance Survey Ireland Licence No. CYAL502875176 Ordnance Survey Ireland/Government of Ireland

- Project Design Drawing Notes**
1. Drawings issued are for planning application purposes only.
 2. Drawings not to be used for construction/contract conditions.
 3. Copyright, all rights reserved. No part hereof may be copied or reproduced partially or wholly in any form whatsoever without the prior notice of the copyright owner McCarthy Keville O'Sullivan.
 4. Do not scale off this drawing. Figured metric dimensions only should be taken off this drawing.
 5. All contractors, whether main or sub-contractors, must visit the site and are responsible for taking and checking any and all dimensions and levels that relate to the works.
 6. The use of or reliance upon this drawing shall be deemed to be acceptance of these conditions of use unless otherwise agreed in writing, such written agreement to be sought from and issued by the copyright holder to the use or reliance upon this drawing.
 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 Road
- Cut
- Fill



Ordnance Survey Ireland Licence No. CYAL50287517© Ordnance Survey Ireland/Government of Ireland

DRAWING TITLE:
Temporary Construction Compound 4

PROJECT TITLE:
 Glenora Wind Farm, Co. Mayo

DRAWING BY: Joseph O'Brien **CHECKED BY:** Eoin McCarthy

PROJECT No.: 201120 **DRAWING No.:** 201120 - 50

SCALE: 1:500 @ A3 **DATE:** 12.12.2023



MKO
 Planning and Environmental Consultants
 Tuam Road, Galway
 Ireland, H91 VW84
 +353 (0) 91 735611
 email: info@www.mkofireland.ie
 Website: www.mkofireland.ie

OS SHEET No.: 939, 940, 941, 942, 943, 995, 996, 997, 998, 999, 1054, 1055, 1056, 1057, 1058, 1114, 1115, 1116, 1117, 1118

Project Design Drawing Notes

1. Drawings issued are for planning application purposes only.
2. Drawings not to be used for construction/contract conditions.
3. Copyright, all rights reserved. No part hereof may be copied or reproduced partially or wholly in any form whatsoever without the prior notice of the copyright owner McCarthy Keville O'Sullivan.
4. Do not scale off this drawing. Figured metric dimensions only should be taken off this drawing.
5. All contractors, whether main or sub-contractors, must visit the site and are responsible for taking and checking any and all dimensions and levels that relate to the works.
6. The use of or reliance upon this drawing shall be deemed to be acceptance of these conditions of use unless otherwise agreed in writing, such written agreement to be sought from and issued by the copyright holder to the use or reliance upon this drawing.
7. Layout plans show typical Turbine rotor diameter as per turbine drawing.
8. Final levels may vary depending on local ground conditions.



Refer to DWG 201120 - 57 for site office details

Drawing Legend

- Existing Road to be Upgraded
- Proposed Road
- Turbine Sweep Area
- Peat & Spoil Placement Areas
- Cut
- Fill

Temporary Construction Compound 5

PROJECT TITLE: **Glenora Wind Farm, Co. Mayo**

DRAWING BY: **Joseph O'Brien** CHECKED BY: **Eoin McCarthy**

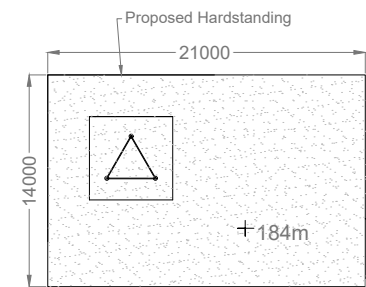
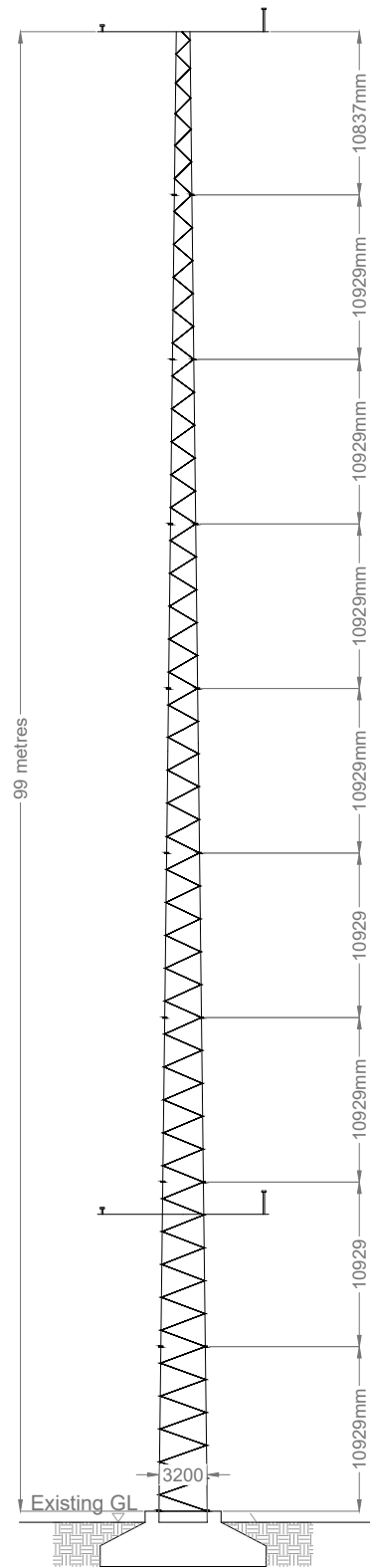
PROJECT No.: **201120** DRAWING No.: **201120 - 51**

SCALE: **1:500 @ A3** DATE: **12.12.2023**

OS SHEET No.: 939, 940, 941, 942, 943, 995, 996, 997, 998, 999, 1054, 1055, 1056, 1057, 1058, 1114, 1115, 1116, 1117, 1118

MKO
 Planning and Environmental Consultants
 Tuam Road, Galway
 Ireland, H91 VV84
 +353 (0) 91 735611
 email: info@www.mkofireland.ie
 Website: www.mkofireland.ie

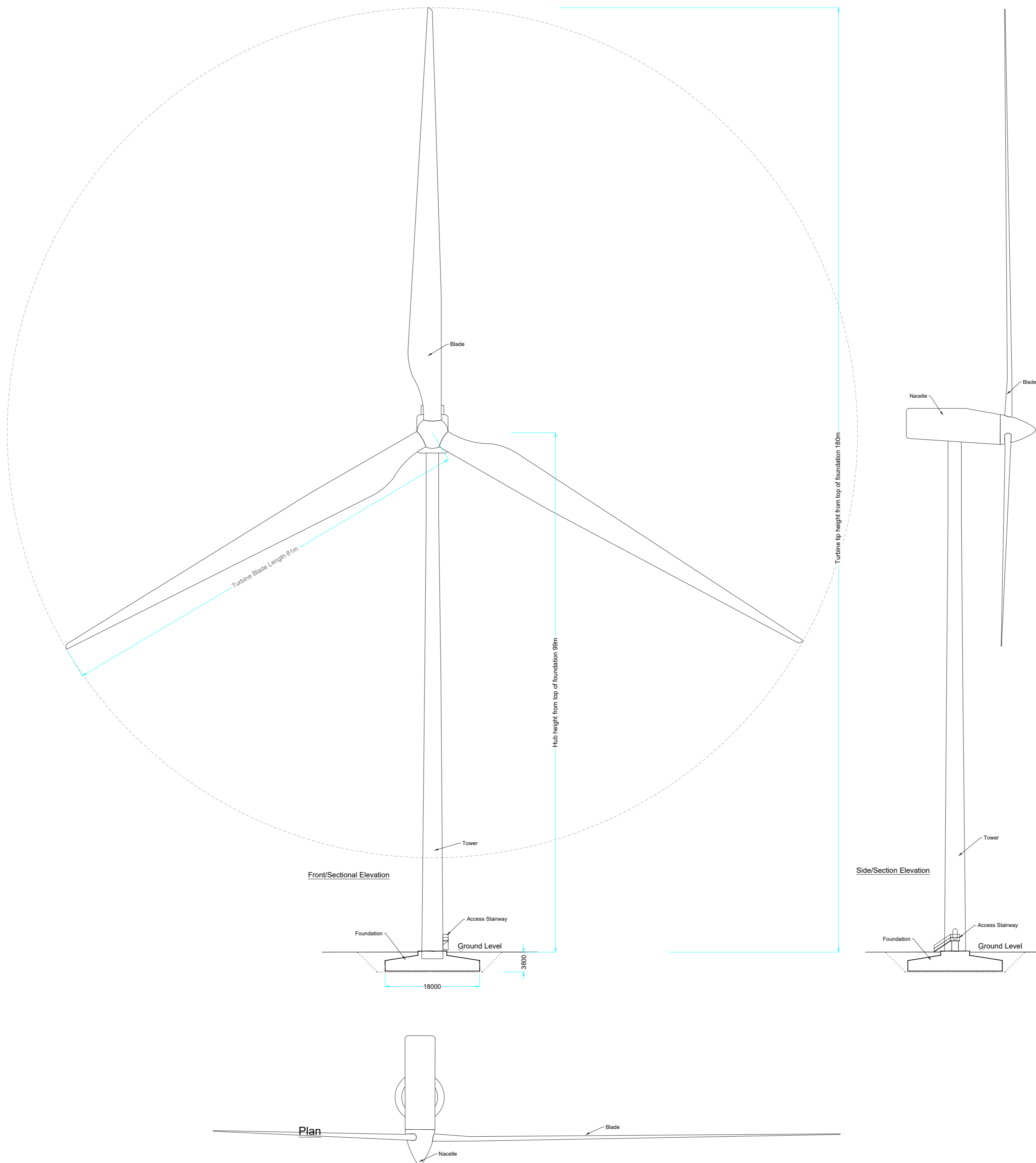
Ordnance Survey Ireland Licence No. CYAL50267517© Ordnance Survey Ireland/Government of Ireland



Met Mast Compound Plan



DRAWING TITLE: Met Mast Free Standing Mast	
PROJECT TITLE: Glenora Wind Farm, Co. Mayo	
DRAWING BY: Joseph O'Brien	CHECKED BY: Eoin McCarthy
PROJECT No.: 201120	DRAWING No.: 201120 - 52
SCALE: 1:500 @ A3	DATE: 12.12.2023
 MKO Planning and Environmental Consultants Tuam Road, Galway Ireland, H91 VW84 +353 (0) 91 735611 email: info@www.mkofireland.ie Website: www.mkofireland.ie	



Drawing Notes

1. Proposed wind turbines to have a maximum ground to blade tip height of 180m.
2. Exact make and model of the turbine to be dictated by a competitive tender process.
3. Installed wind turbine not to exceed maximum size envelope set out above in any blade length and hub-height configuration.
4. Turbine foundation diameter may vary.
5. Ground level represents the top of turbine foundation.

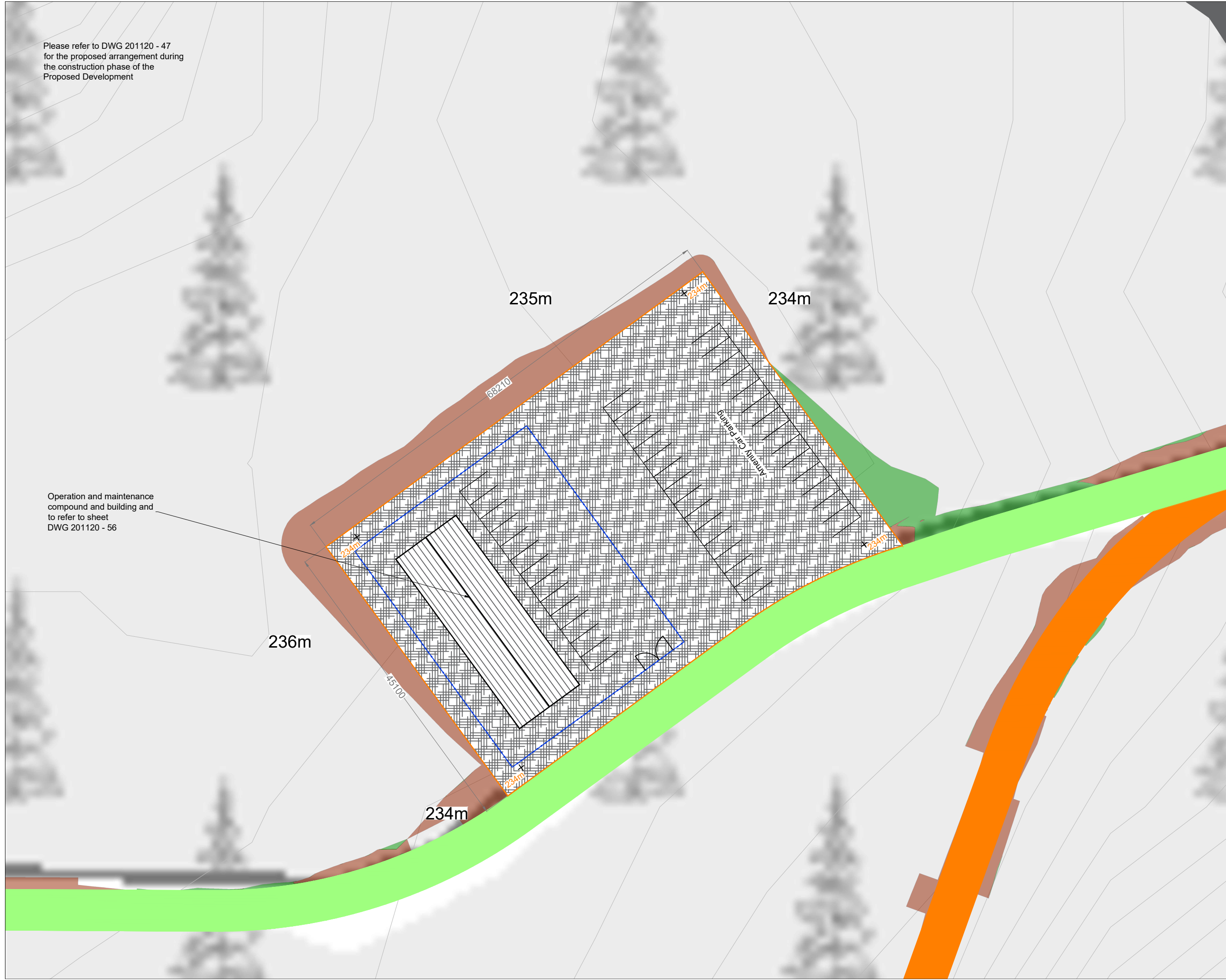
DRAWING TITLE: Wind Turbine Elevations & Plan	
PROJECT TITLE: Glenora Wind Farm, Co. Mayo	
DRAWING BY: Joseph O'Brien	CHECKED BY: Eoin McCarthy
PROJECT No: 201120	DRAWING No.: 201120 - 53
SCALE: 1:500 @A1	DATE: 12.12.2023

	MKO Tuam Road, Galway Ireland, H91 VW84 +353 (0) 91 735611 email: info@www.mkoireland.ie Website: www.mkoireland.ie
---	---

Please refer to DWG 201120 - 47
for the proposed arrangement during
the construction phase of the
Proposed Development

Operation and maintenance
compound and building and
to refer to sheet
DWG 201120 - 56

- Project Design Drawing Notes**
1. Drawings issued are for planning application purposes only.
 2. Drawings not to be used for construction/contract conditions.
 3. Copyright, all rights reserved. No part hereof may be copied or reproduced partially or wholly in any form whatsoever without the prior notice of the copyright owner McCarthy Keville O'Sullivan.
 4. Do not scale off this drawing. Figured metric dimensions only should be taken off this drawing.
 5. All contractors, whether main or sub-contractors, must visit the site and are responsible for taking and checking any and all dimensions and levels that relate to the works.
 6. The use of or reliance upon this drawing shall be deemed to be acceptance of these conditions of use unless otherwise agreed in writing, such written agreement to be sought from and issued by the copyright holder to the use or reliance upon this drawing.
 7. Layout plans show typical Turbine rotor diameter as per turbine drawing.
 8. Final levels may vary depending on local ground conditions.



Drawing Legend

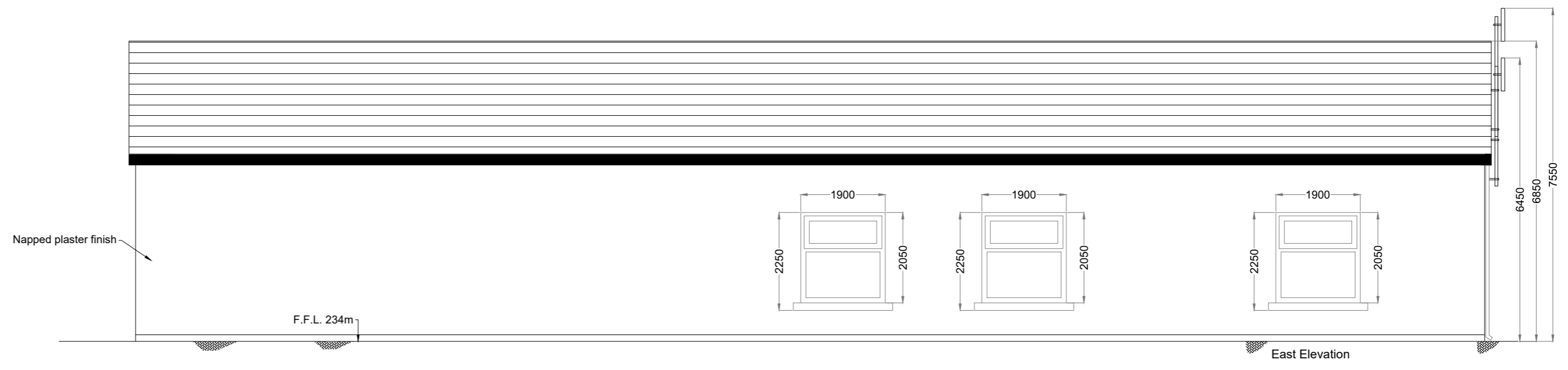
- Existing Road to be Upgraded
- Proposed Road
- Cut
- Fill



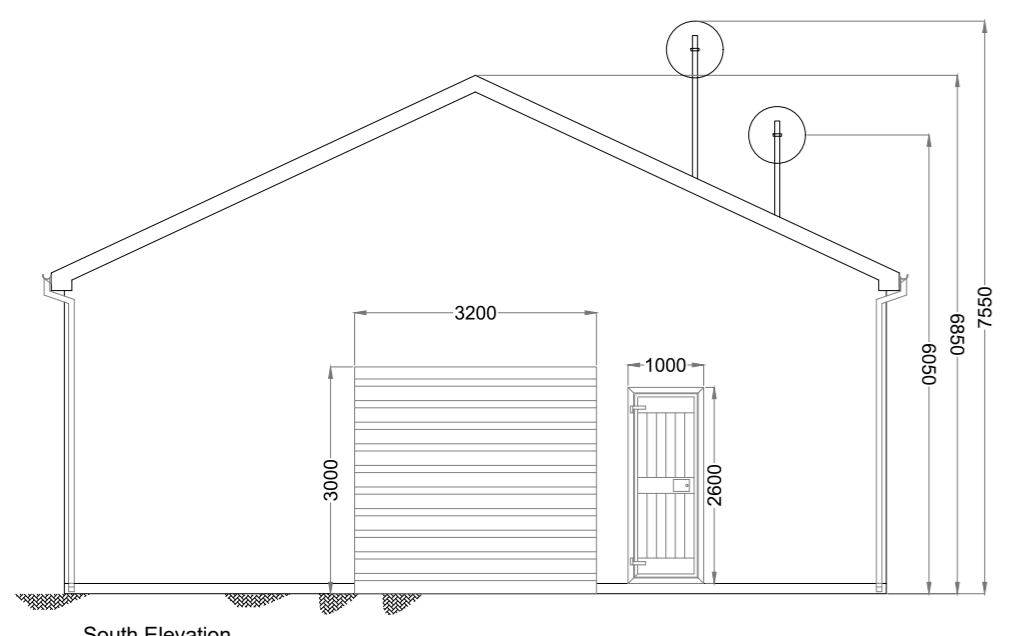
Ordnance Survey Ireland Licence No. CYAL502675176 Ordnance Survey Ireland/Government of Ireland

DRAWING TITLE: Amenity Car Park and Operation and Maintenance Building	
PROJECT TITLE: Glenora Wind Farm, Co. Mayo	
DRAWING BY: Joseph O'Brien	CHECKED BY: Eoin McCarthy
PROJECT No.: 201120	DRAWING No.: 201120 - 54
SCALE: 1:500 @ A3	DATE: 12.12.2023
<small>OS SHEET No.: 939, 940, 941, 942, 943, 995, 996, 997, 998, 999, 1054, 1055, 1056, 1057, 1058, 1114, 1115, 1116, 1117, 1118</small>	

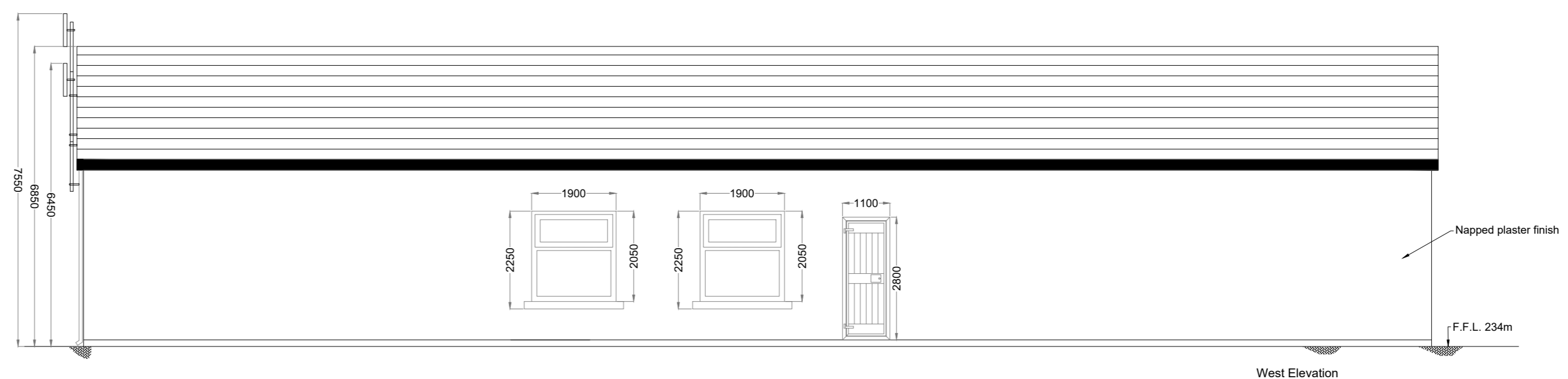
MKO
Planning and
Environmental
Consultants
Tuum Road, Galway
Ireland, H91 VW84
+353 (0) 91 735611
email: info@www.mkofireland.ie
Website: www.mkofireland.ie



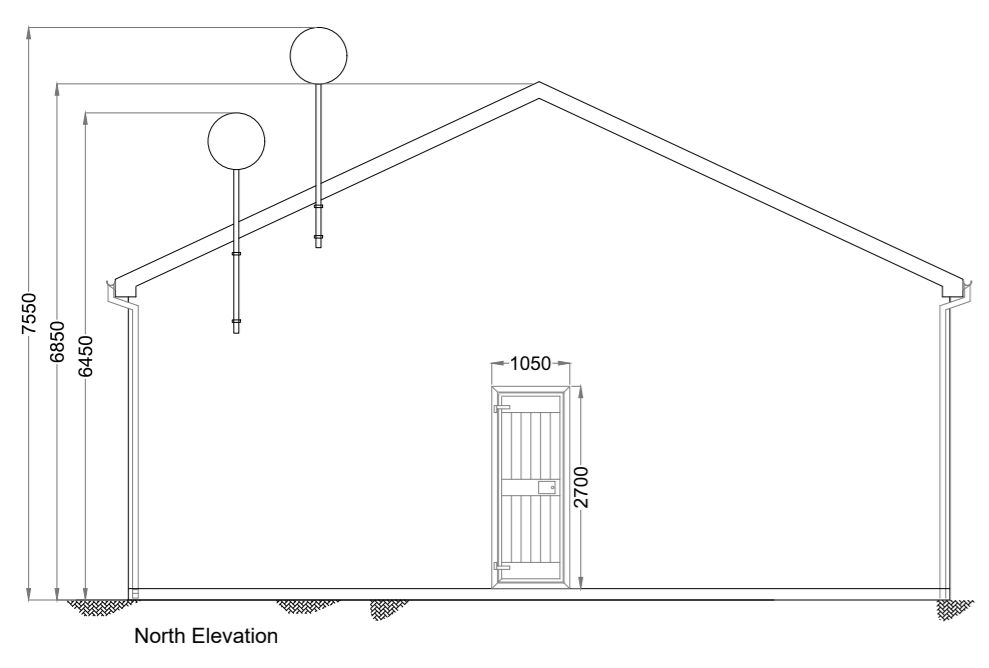
East Elevation



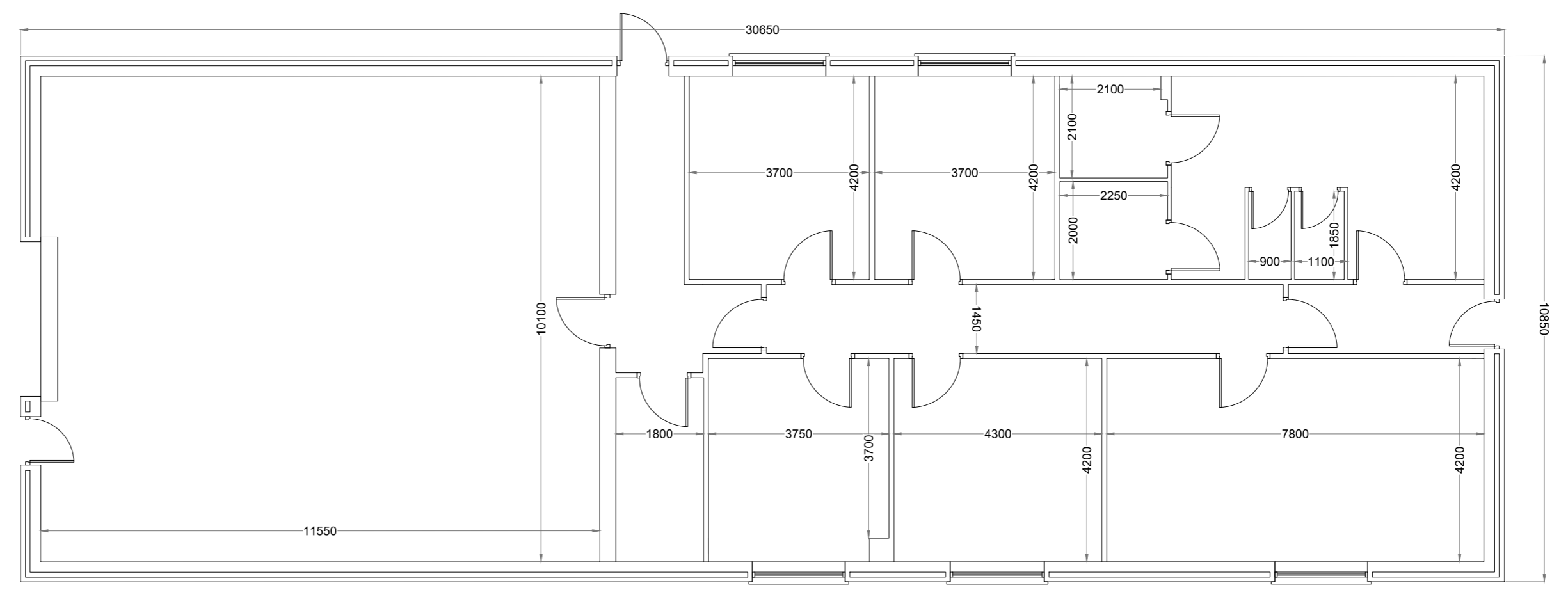
South Elevation



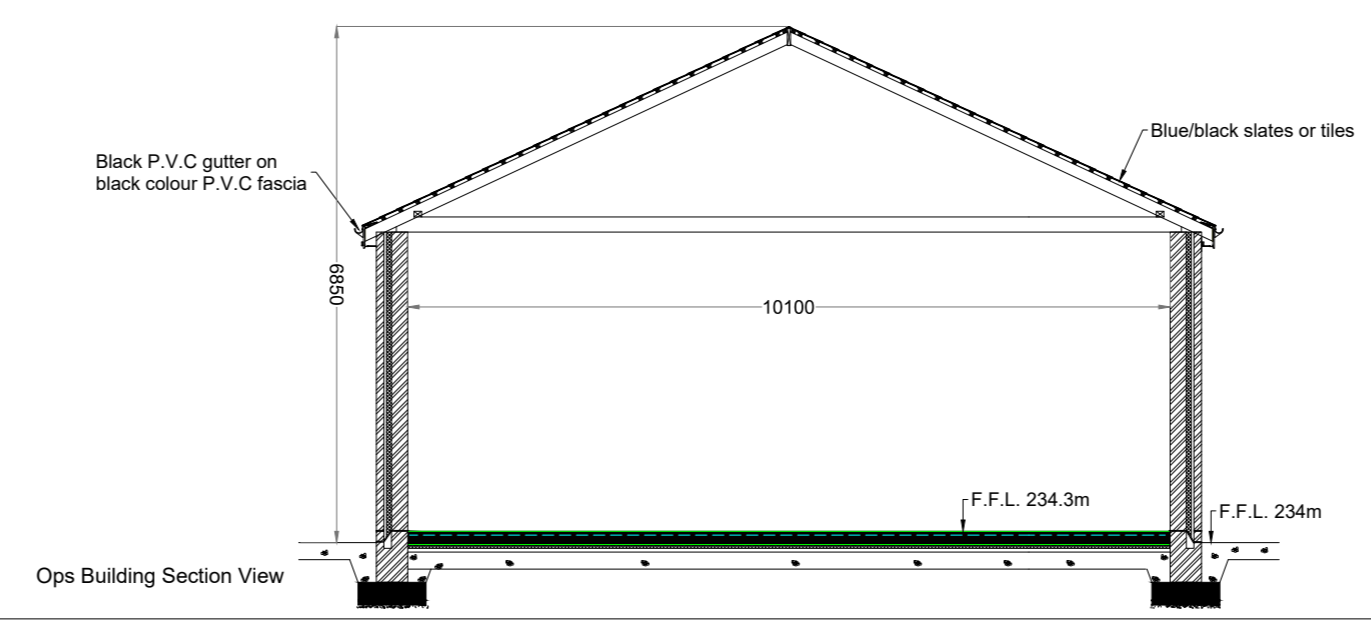
West Elevation



North Elevation



Ops Building Layout Plan

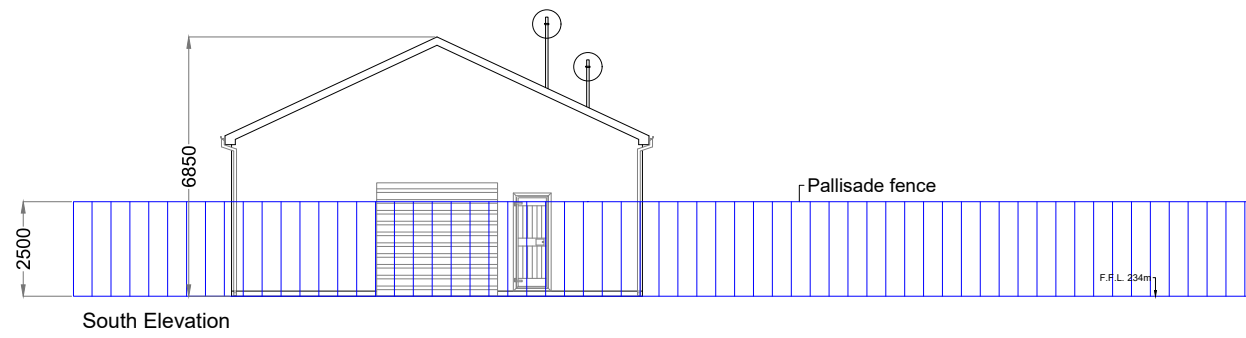


Ops Building Section View

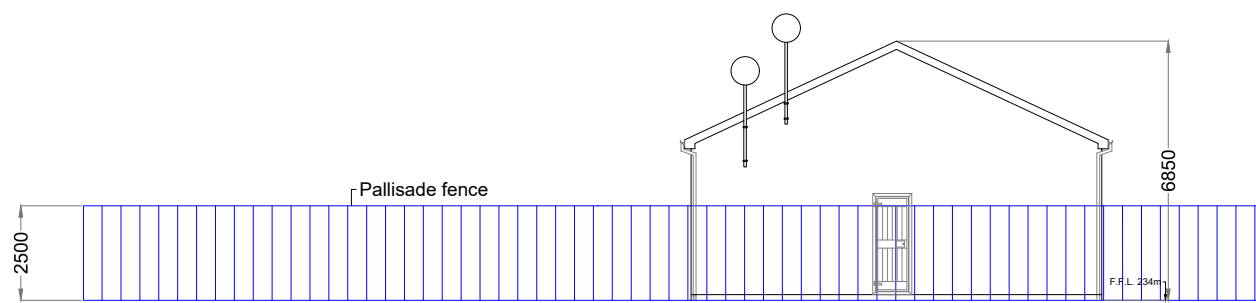
DRAWING TITLE: Operation & Maintenance Control Building	
PROJECT TITLE: Glenora Wind Farm, Co. Mayo	
DRAWING BY: Joseph O'Brien	CHECKED BY: Eoin McCarthy
PROJECT No.: 201120	DRAWING No.: 201120 - 55
SCALE: 1:100 @ A2	DATE: 12.12.2023



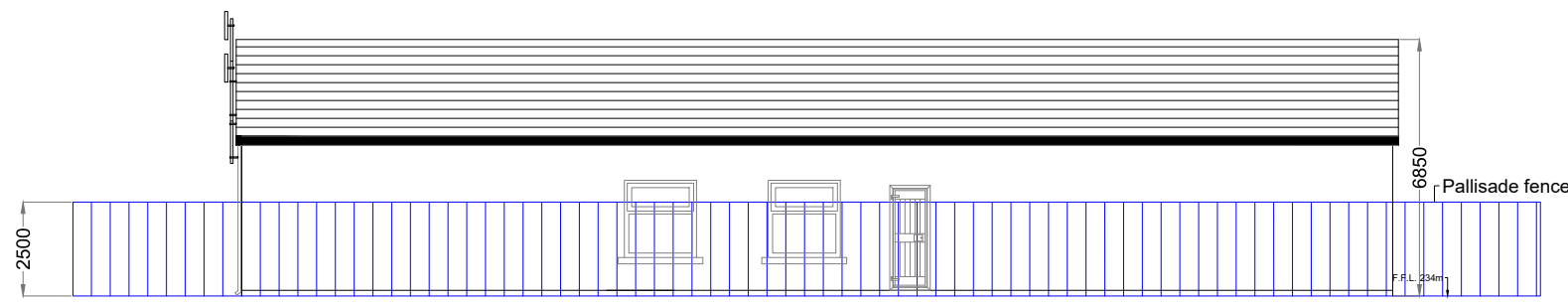
MKO
Planning and Environmental Consultants
Tuam Road, Galway
Ireland, H91 VW84
+353 (0) 91 735611
email: info@www.mkoireland.ie
Website: www.mkoireland.ie



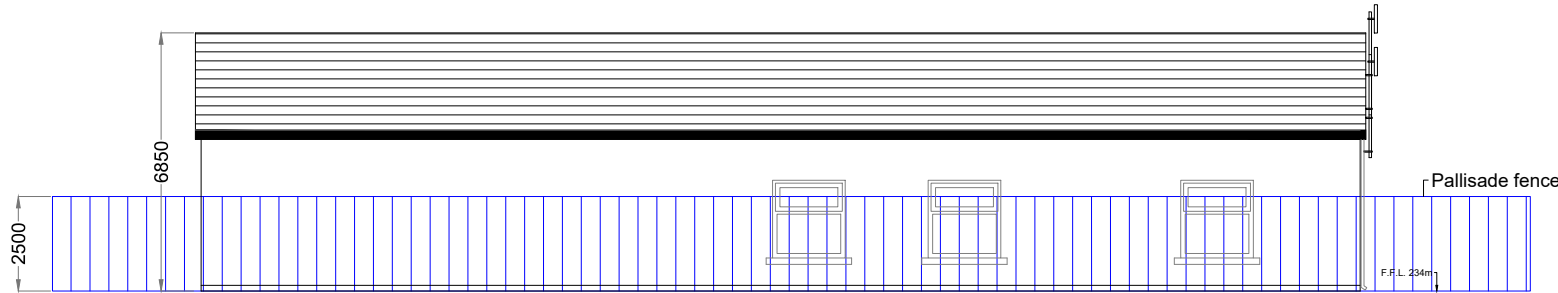
South Elevation



North Elevation




West Elevation

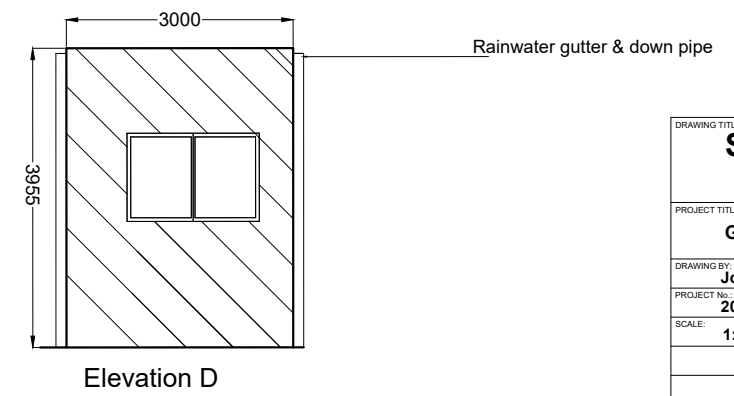
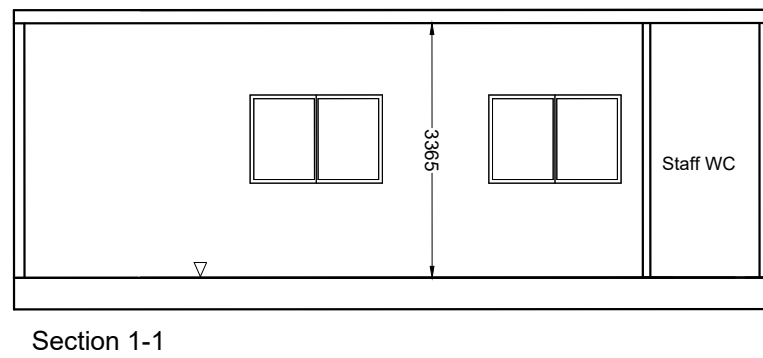
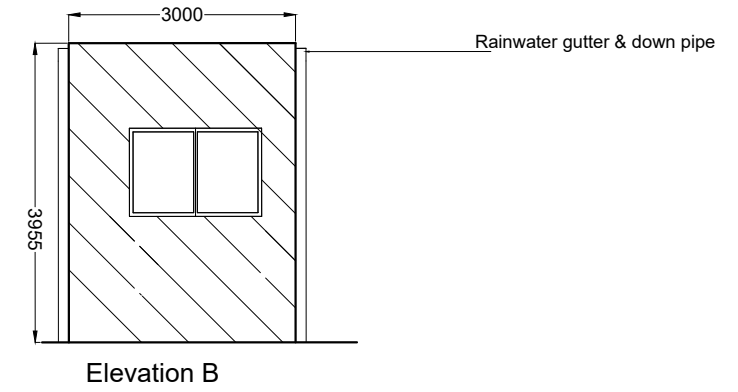
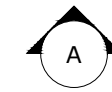
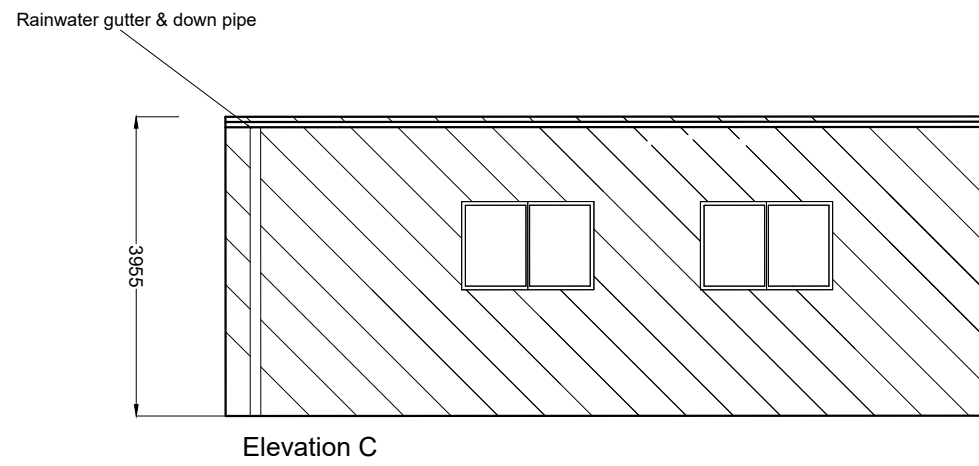
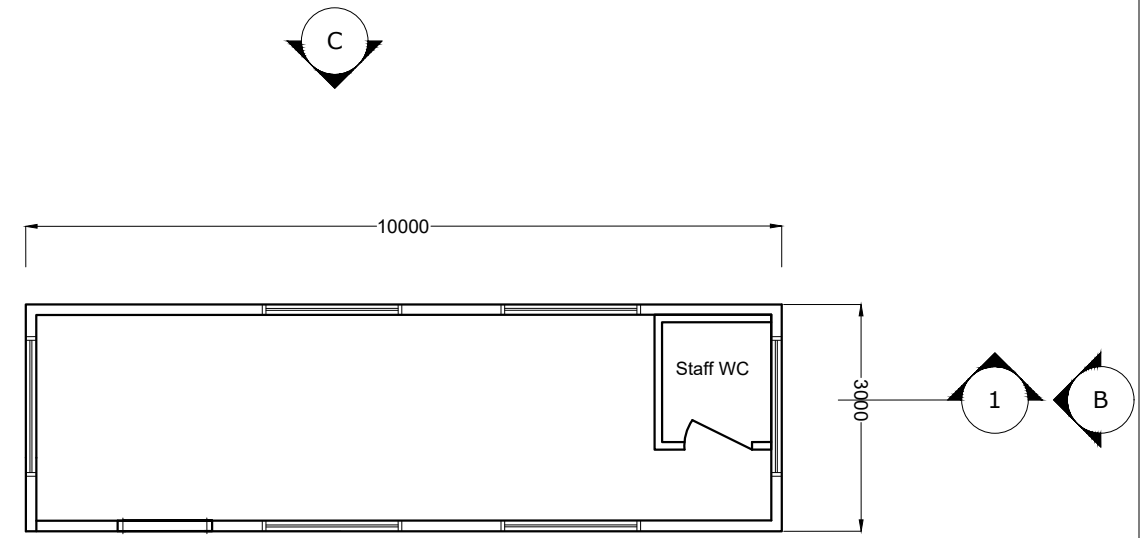
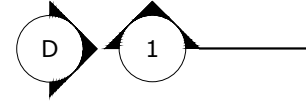
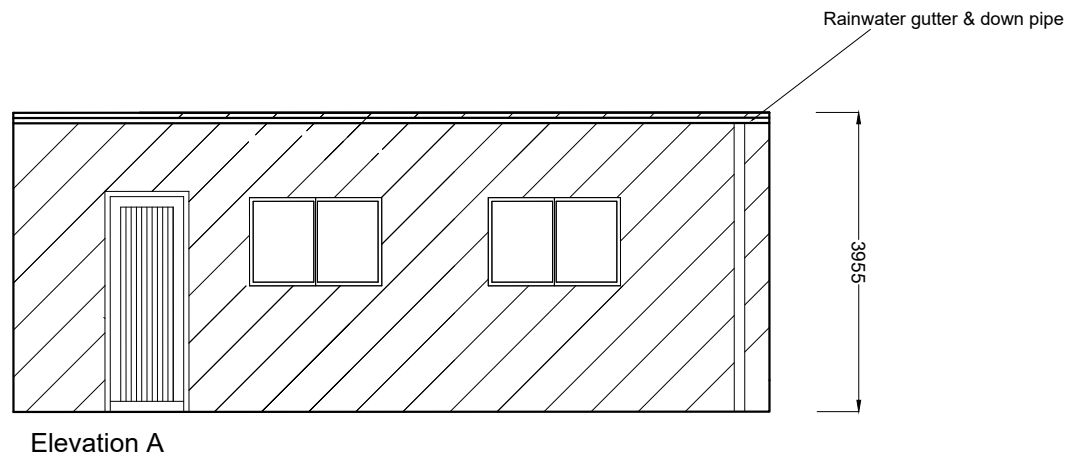


East Elevation

DRAWING TITLE: Operation & Maintenance Control Building Compound	
PROJECT TITLE: Glenora Wind Farm, Co. Mayo	
DRAWING BY: Joseph O'Brien	CHECKED BY: Eoin McCarthy
PROJECT No.: 201120	DRAWING No.: 201120 - 56
SCALE: 1:200 @ A3	DATE: 12.12.2023

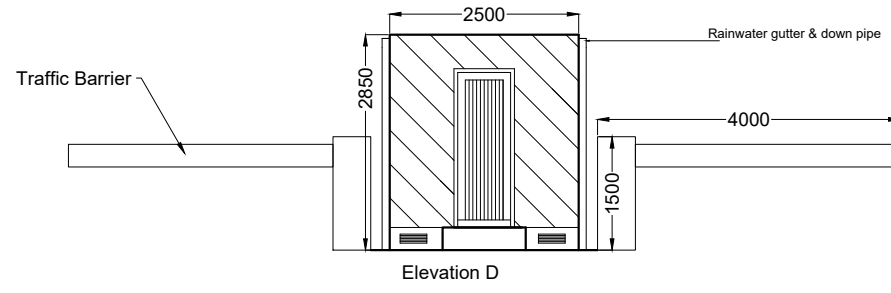
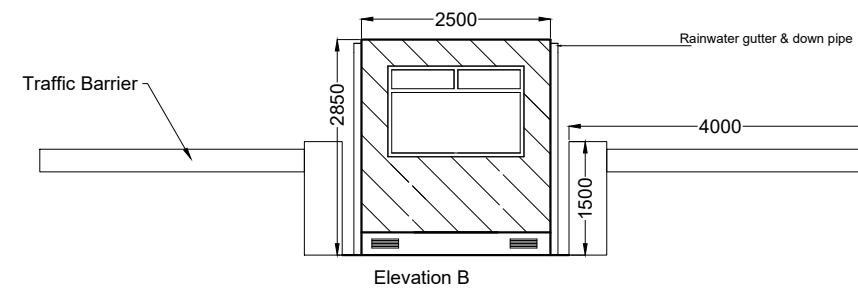
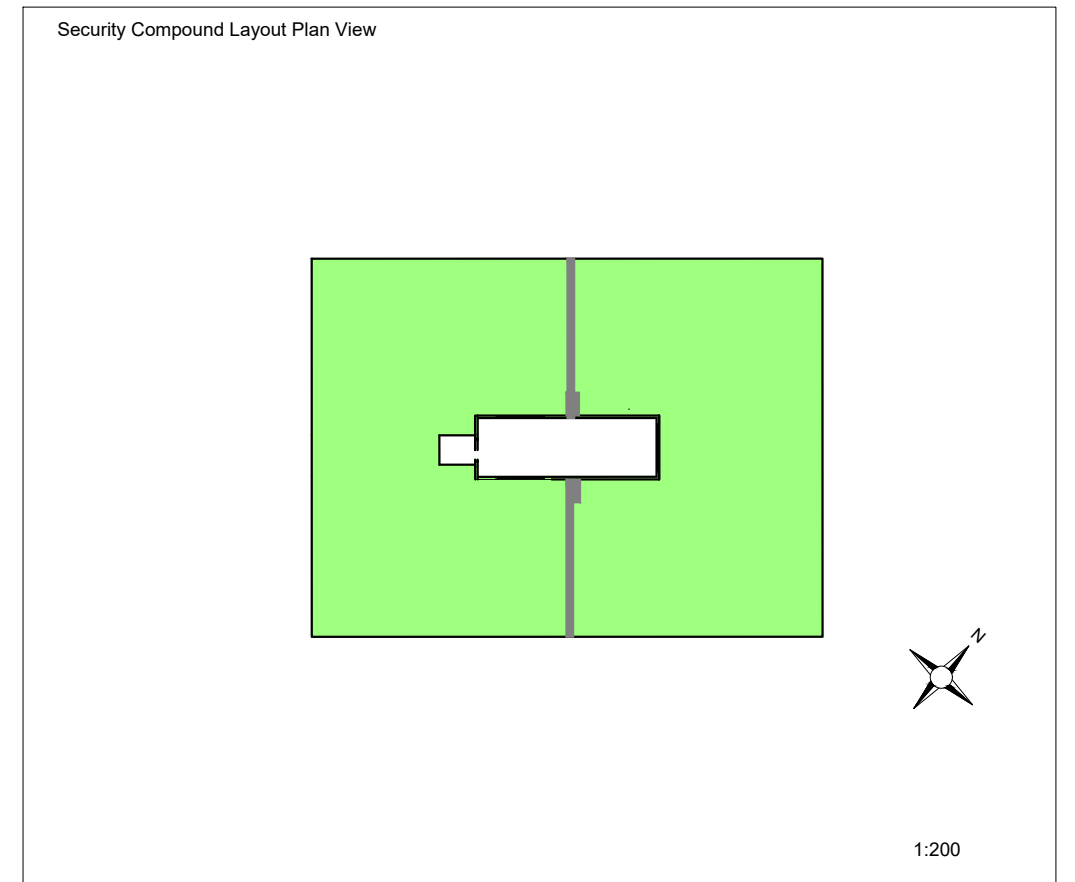
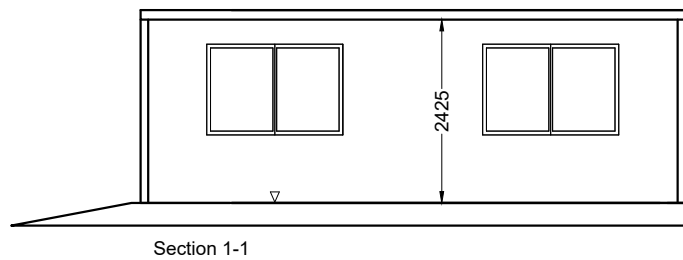
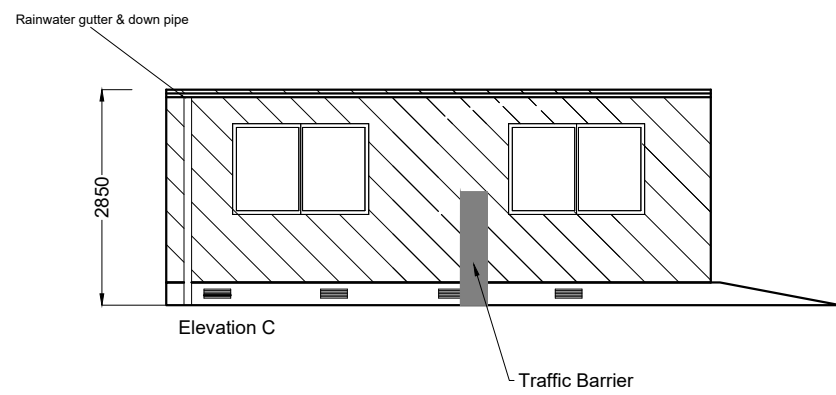
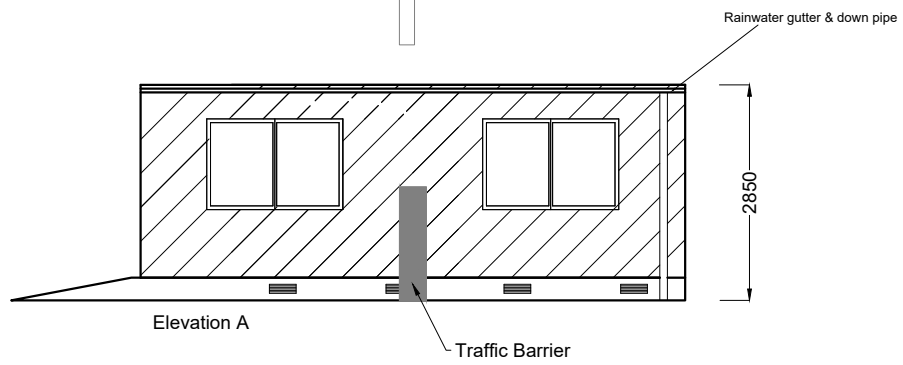
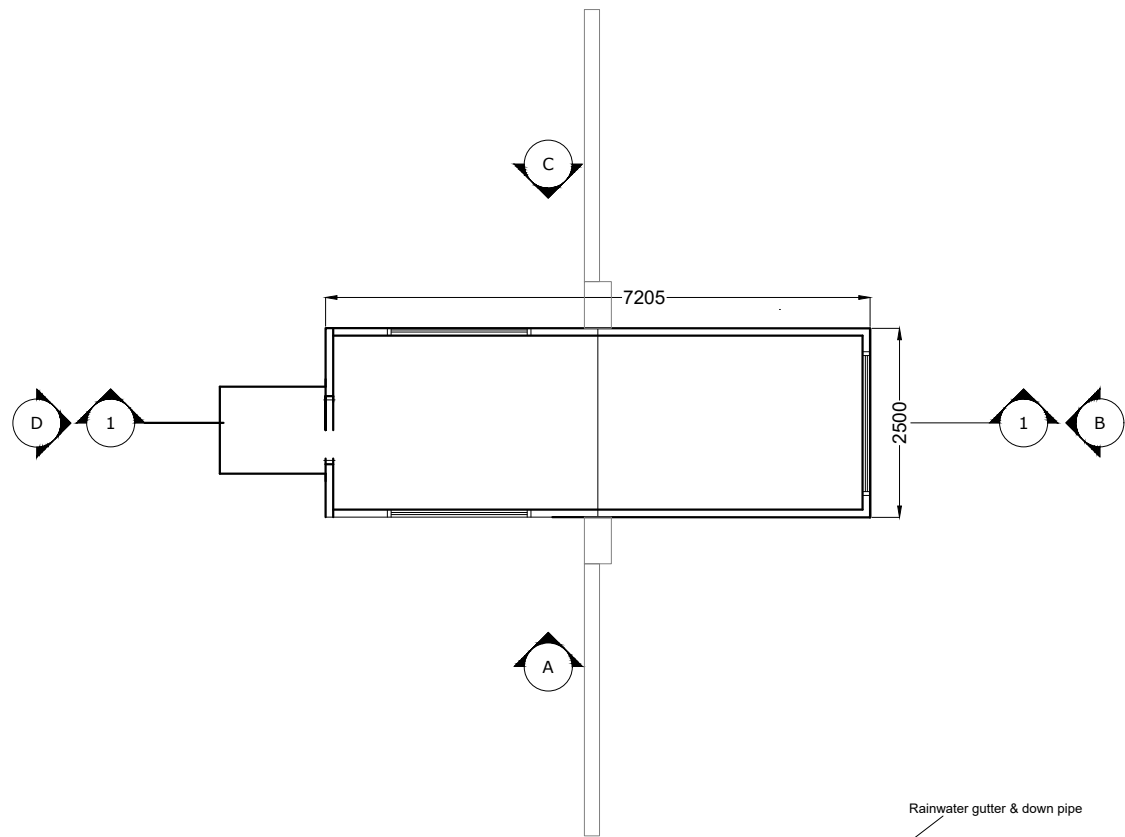


MKO
 Planning and Environmental Consultants
 Tuam Road, Galway
 Ireland, H91 VW84
 +353 (0) 91 735611
 email: info@www.mkofireland.ie
 Website: www.mkofireland.ie



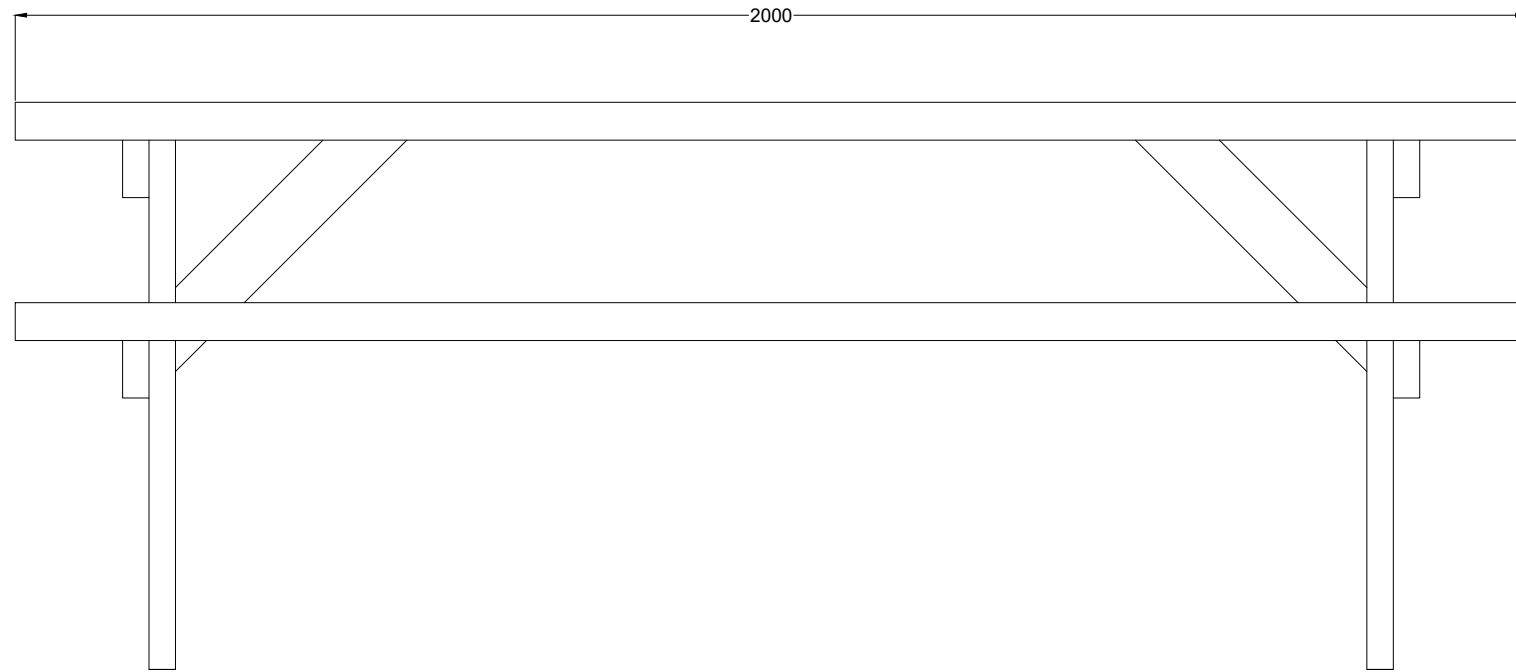
DRAWING TITLE: Site Office & Staff Facilities Detail	
PROJECT TITLE: Glenora Wind Farm, Co. Mayo	
DRAWING BY: Joseph O'Brien	CHECKED BY: Eoin McCarthy
PROJECT No.: 201120	DRAWING No.: 201120 - 57
SCALE: 1:100 @ A3	DATE: 12.12.2023

MKO
Planning and Environmental Consultants
Tuam Road, Galway
Ireland, H91 VV84
+353 (0) 91 735611
email: info@www.mkofireland.ie
Website: www.mkofireland.ie

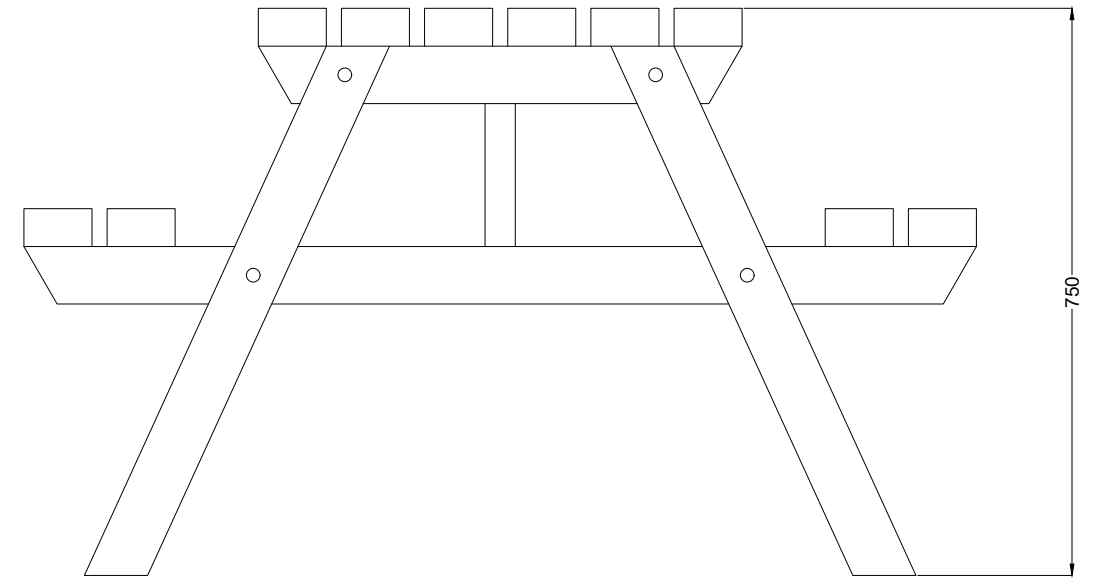


DRAWING TITLE: Security Cabin and Traffic Barriers Detail	
PROJECT TITLE: Glenora Wind Farm, Co. Mayo	
DRAWING BY: Joseph O'Brien	CHECKED BY: Eoin McCarthy
PROJECT No.: 201120	DRAWING No.: 201120 - 58
SCALE: 1:100 @ A3	DATE: 12.12.2023

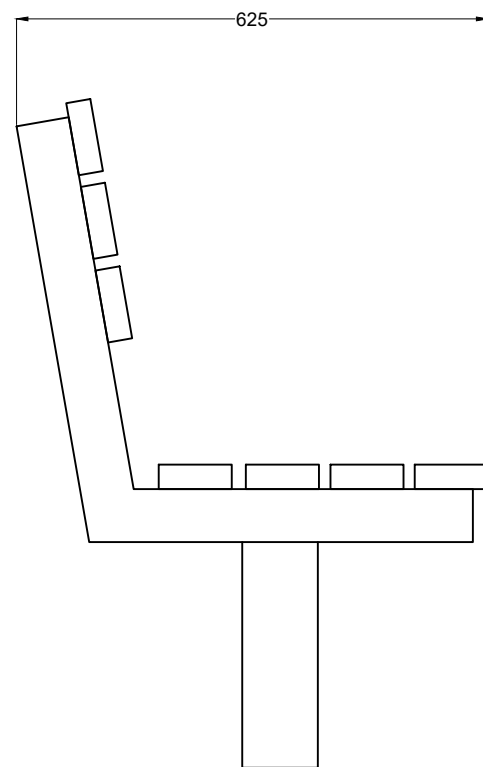
MKO
Planning and Environmental Consultants
Tuam Road, Galway
Ireland, H91 VW84
+353 (0) 91 735611
email: info@www.mkofireland.ie
Website: www.mkofireland.ie



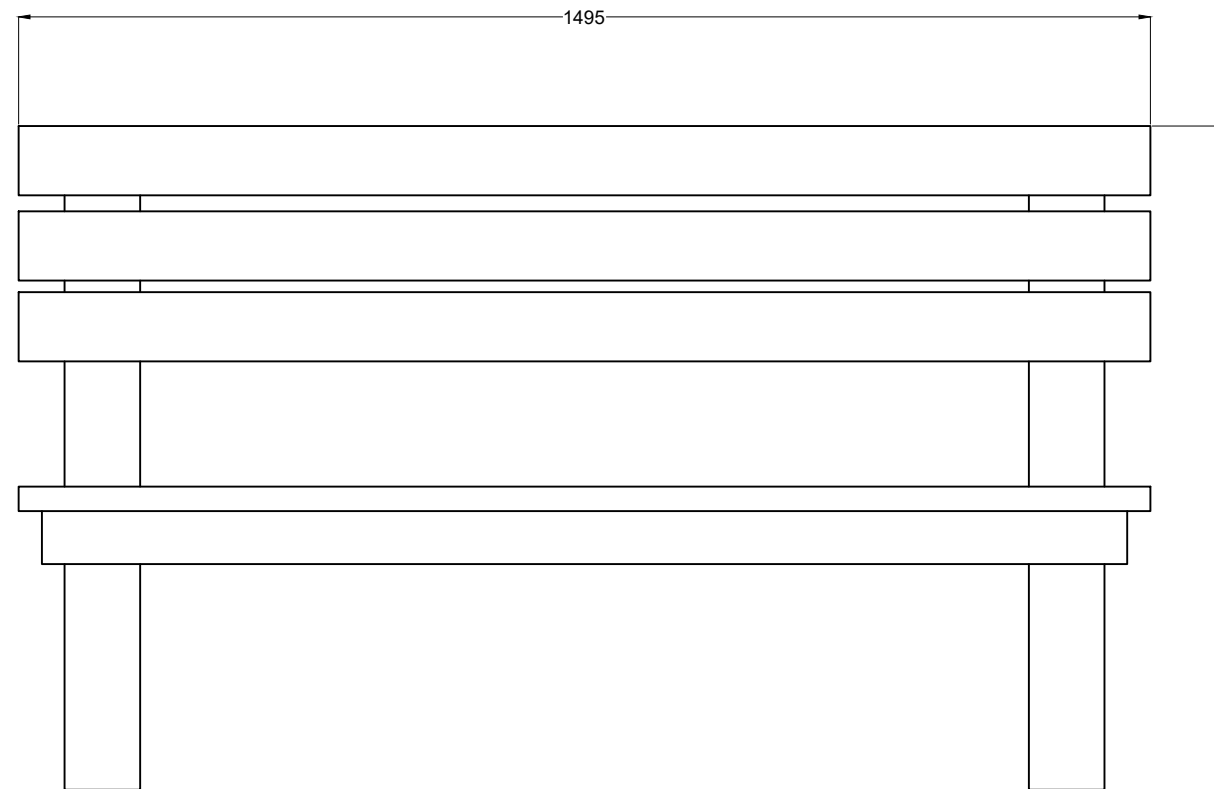
Bench Front Elevation



Bench Side Elevation



Bench Side Elevation



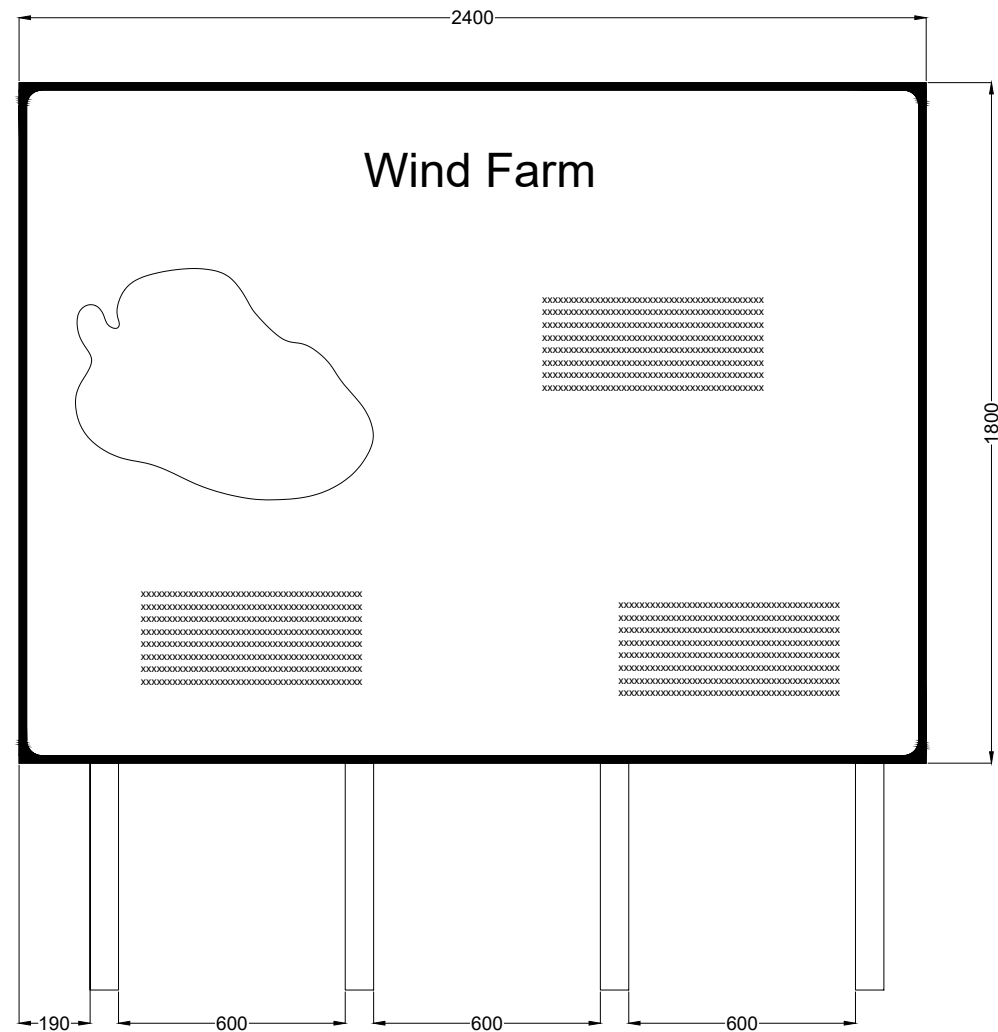
Bench Front Elevation

DRAWING TITLE: Proposed Bench Detail	
PROJECT TITLE: Glenora Wind Farm, Co. Mayo	
DRAWING BY: Joseph O'Brien	CHECKED BY: Eoin McCarthy
PROJECT No.: 201120	DRAWING No.: 201120 - 59
SCALE: 1:10 @ A3	DATE: 12.12.2023

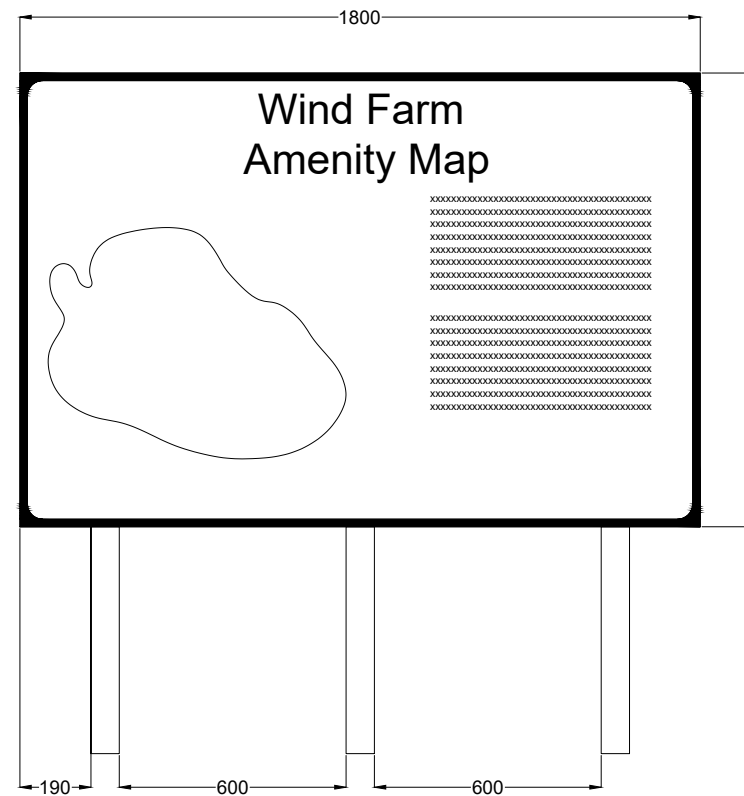


MKO
 Planning and
 Environmental
 Consultants
 Tuam Road, Galway
 Ireland, H91 YW84
 +353 (0) 91 735611
 email: info@www.mkofireland.ie
 Website: www.mkofireland.ie

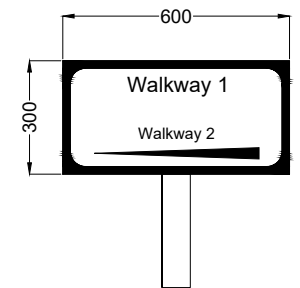
Note
For illustrative purposes only
exact details to be confirmed



Signage Type A - Entry Point Signage



Signage Type B - Waypoint Map Signage



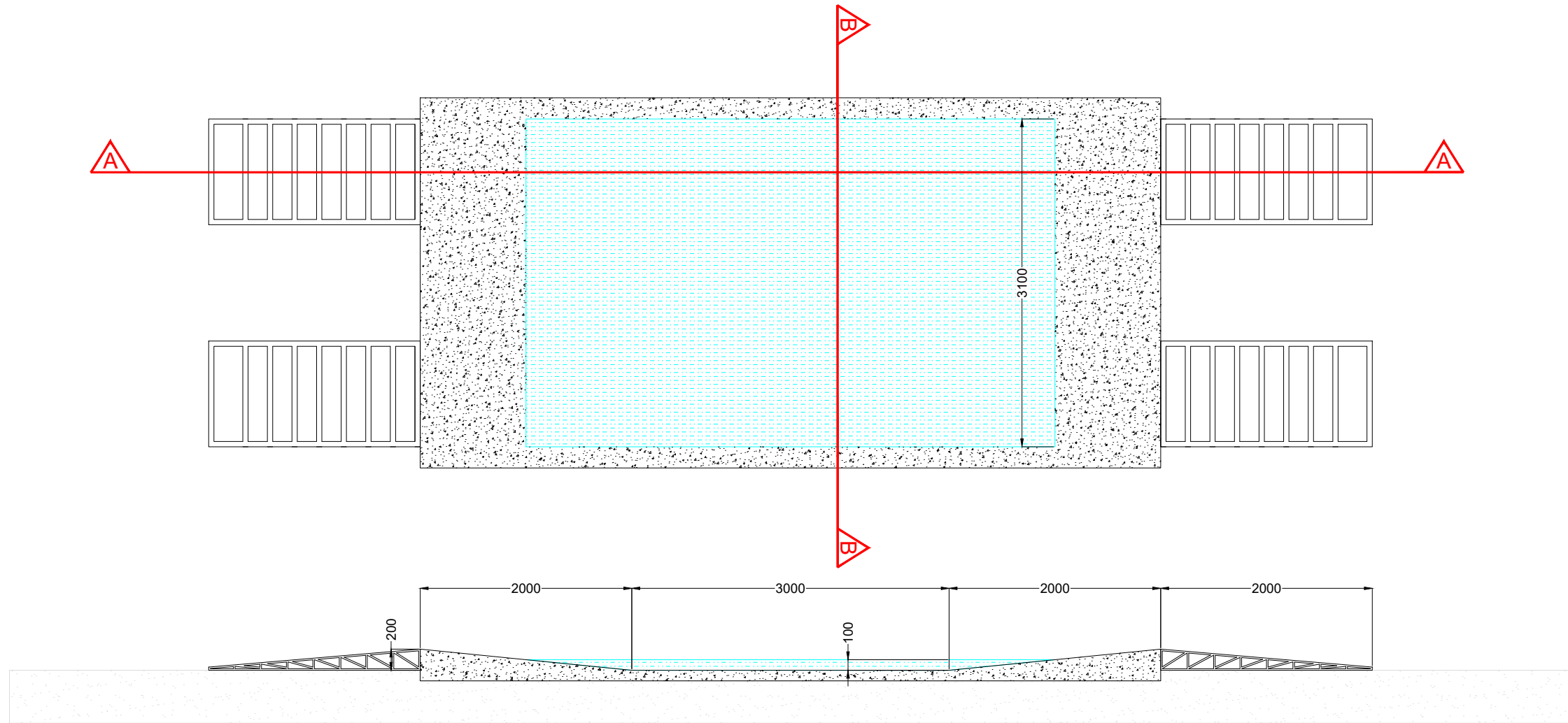
Signage Type C - Way Point Direction Signage

DRAWING TITLE: Amenity Signage Detail	
PROJECT TITLE: Glenora Wind Farm, Co. Mayo	
DRAWING BY: Joseph O'Brien	CHECKED BY: Eoin McCarthy
PROJECT No.: 201120	DRAWING No.: 201120 - 60
SCALE: 1: 20 @ A3	DATE: 12.12.2023

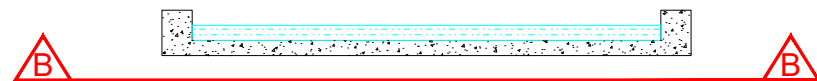


MKO
Planning and
Environmental
Consultants
Tuam Road, Galway
Ireland, H91 VV84
+353 (0) 91 735611
email: info@www.mkofireland.ie
Website: www.mkofireland.ie

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



Section A-A

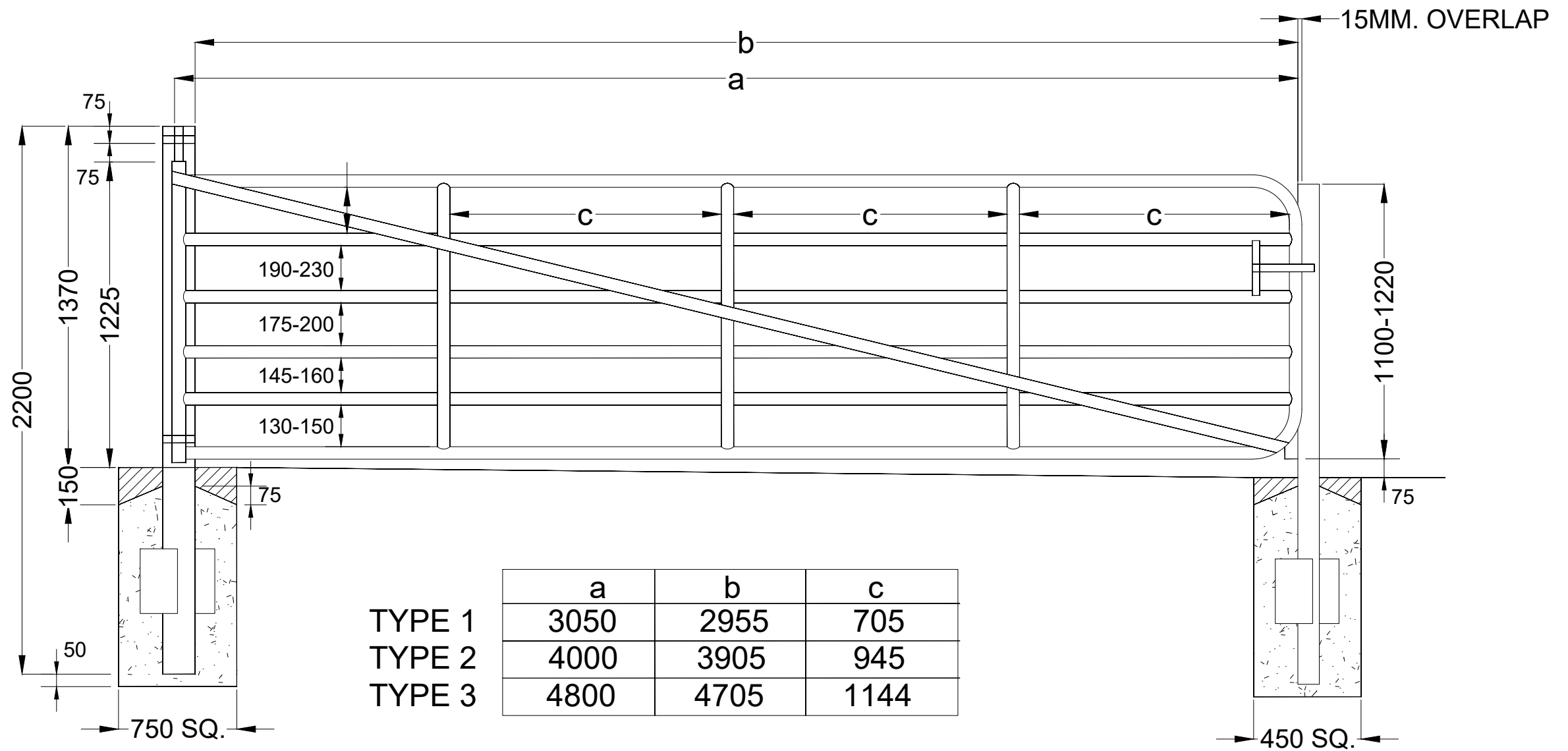


Section B-B

DRAWING TITLE: Wheel Wash Detail	
PROJECT TITLE: Glenora Wind Farm, Co. Mayo	
DRAWING BY: Joseph O'Brien	CHECKED BY: Eoin McCarthy
PROJECT No.: 201120	DRAWING No.: 201120 - 61
SCALE: 1: 50 @ A3	DATE: 12.12.2023



MKO
 Planning and
 Environmental
 Consultants
 Tuam Road, Galway
 Ireland, H91 VW84
 +353 (0) 91 735611
 email: info@www.mkofireland.ie
 Website: www.mkofireland.ie



DRAWING TITLE:
Field Gate Detail

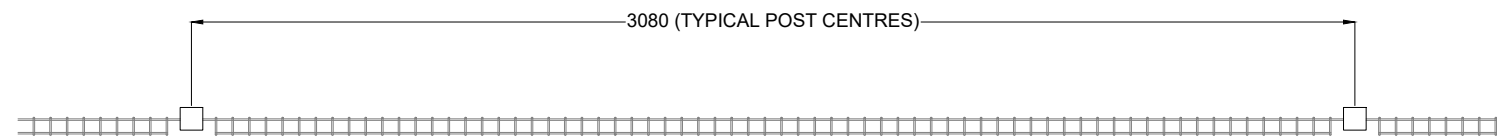
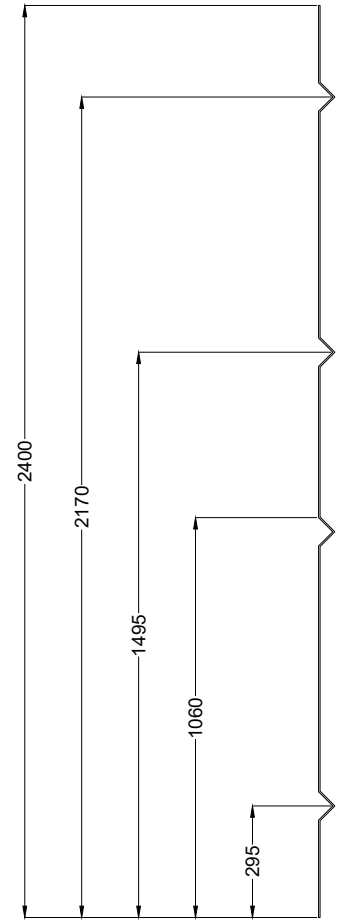
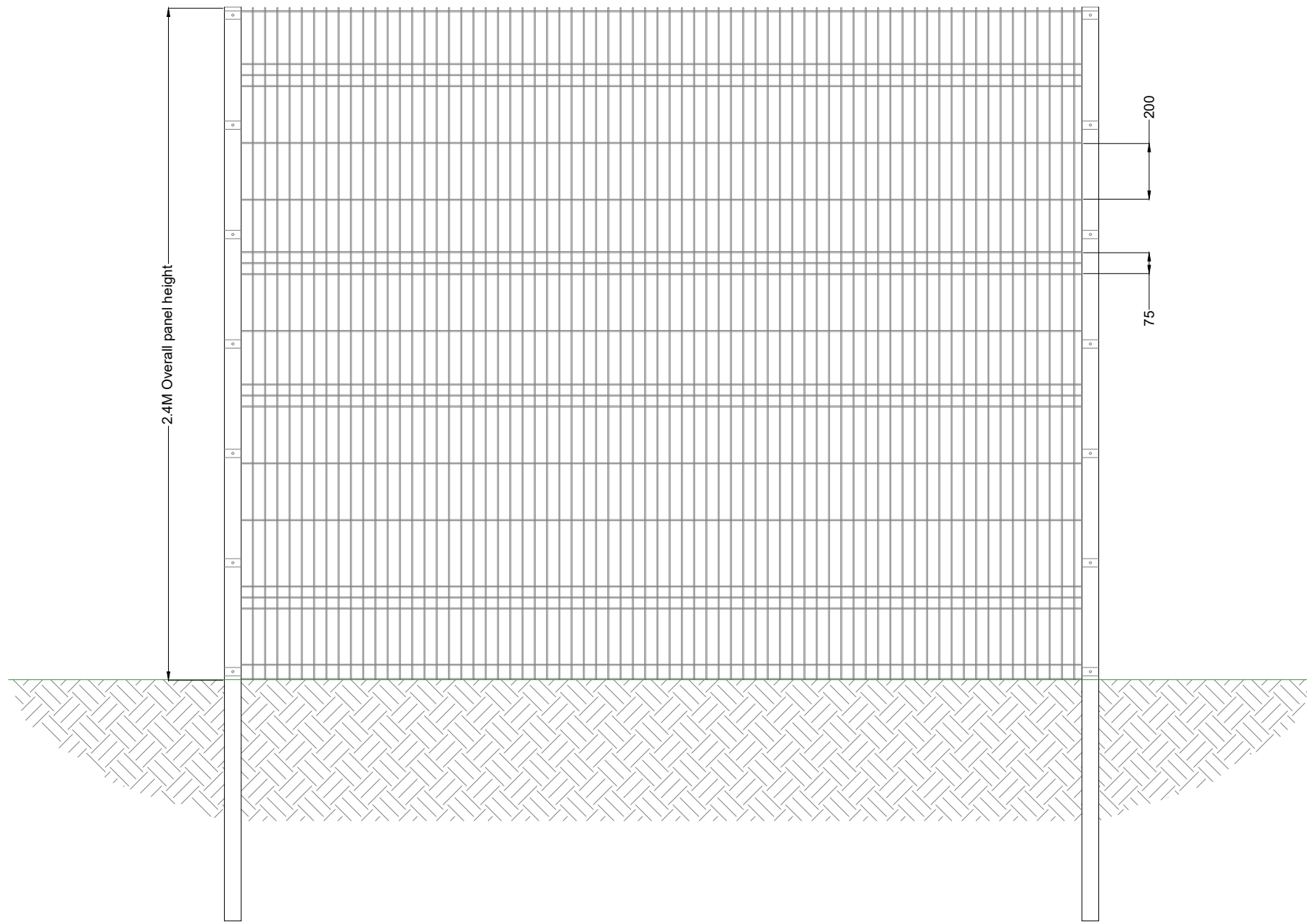
PROJECT TITLE:
Glenora Wind Farm, Co. Mayo

DRAWING BY: **Joseph O'Brien** CHECKED BY: **Eoin McCarthy**

PROJECT No.: **201120** DRAWING No.: **201120 - 62**

SCALE: **1:20 @ A3** DATE: **12.12.2023**

MKO
Planning and Environmental Consultants
Tuam Road, Galway
Ireland, H91 VW84
+353 (0) 91 735611
email: info@www.mkoireland.ie
Website: www.mkoireland.ie



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.



INDICATIVE IMAGE

FINISH COLOUR: RAL6005



INDICATIVE IMAGE

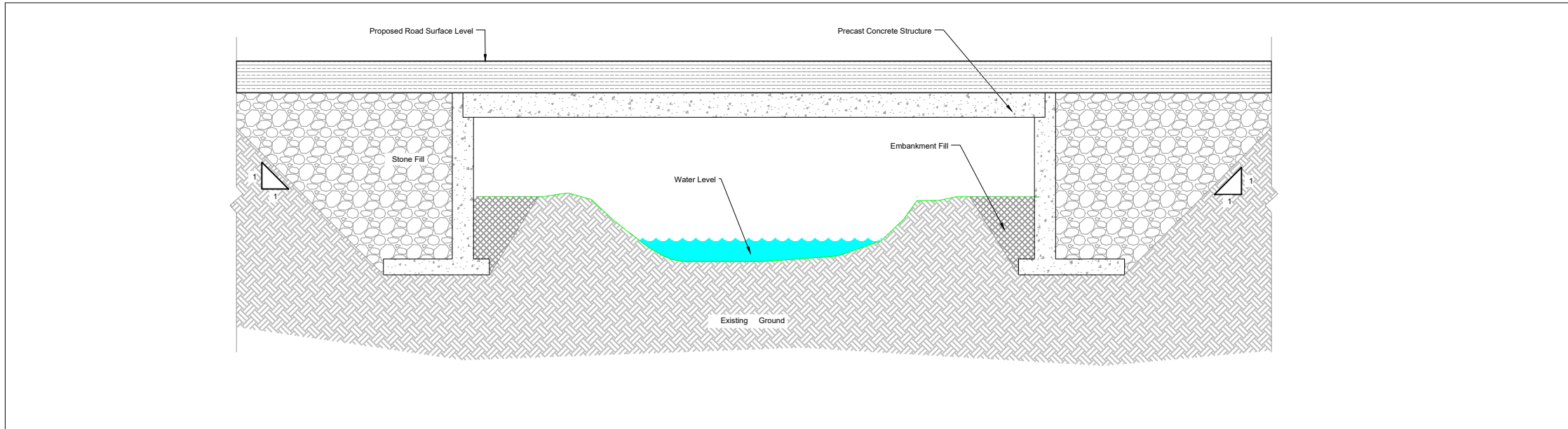
Pallisade Fence Details

DRAWING TITLE: Glenora Wind Farm, Co. Mayo	
DRAWING BY: Joseph O'Brien	CHECKED BY: Eoin McCarthy
PROJECT No.: 201120	DRAWING No.: 201120 - 63
SCALE: 1:20 @ A3	DATE: 12.12.2023

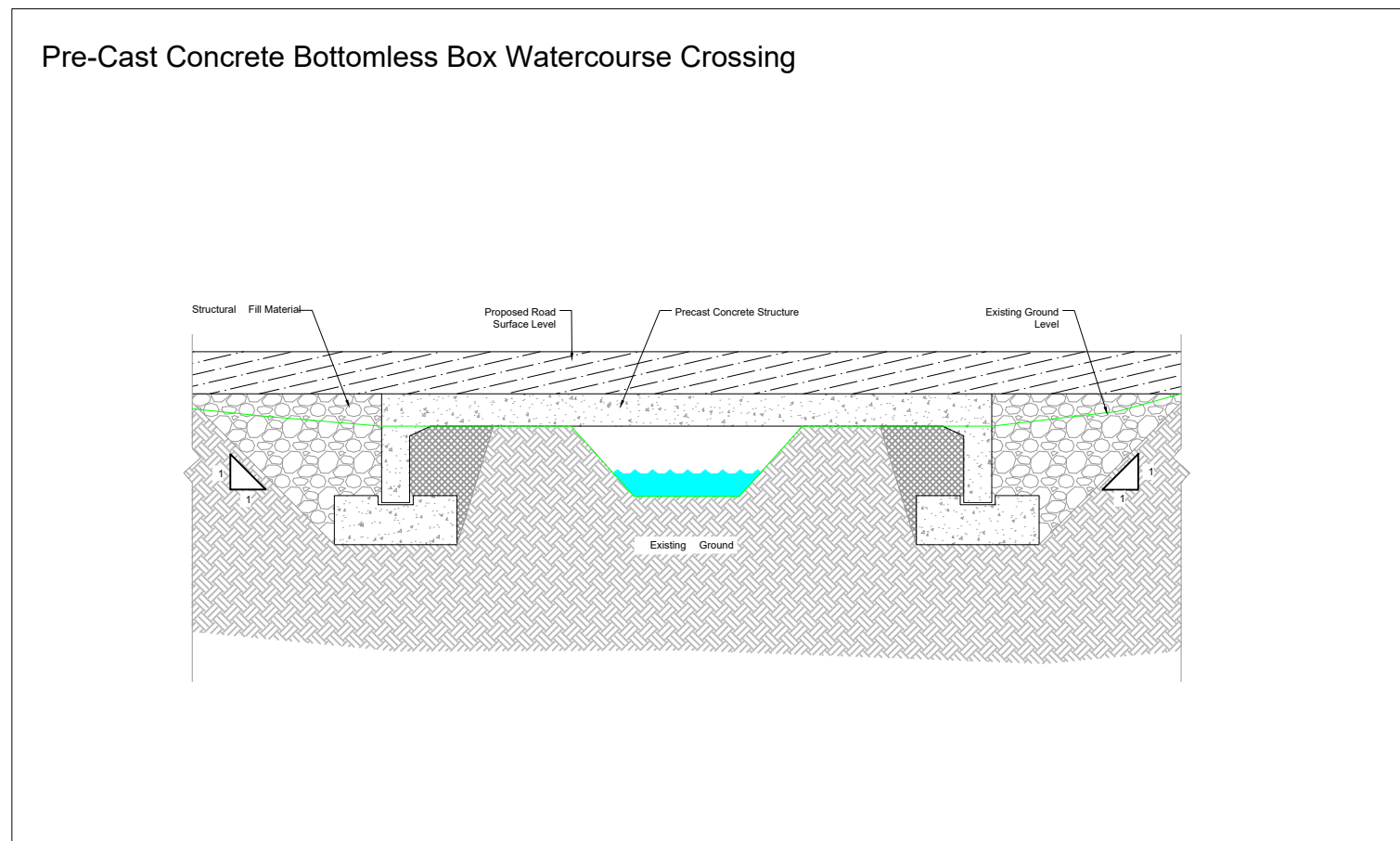


MKO
 Planning and
 Environmental
 Consultants
 Tuam Road, Galway
 Ireland, H91 VW84
 +353 (0) 91 735611
 email: info@www.mkoireland.ie
 Website: www.mkoireland.ie

Pre-Cast Concrete Clearspan Watercourse Crossing



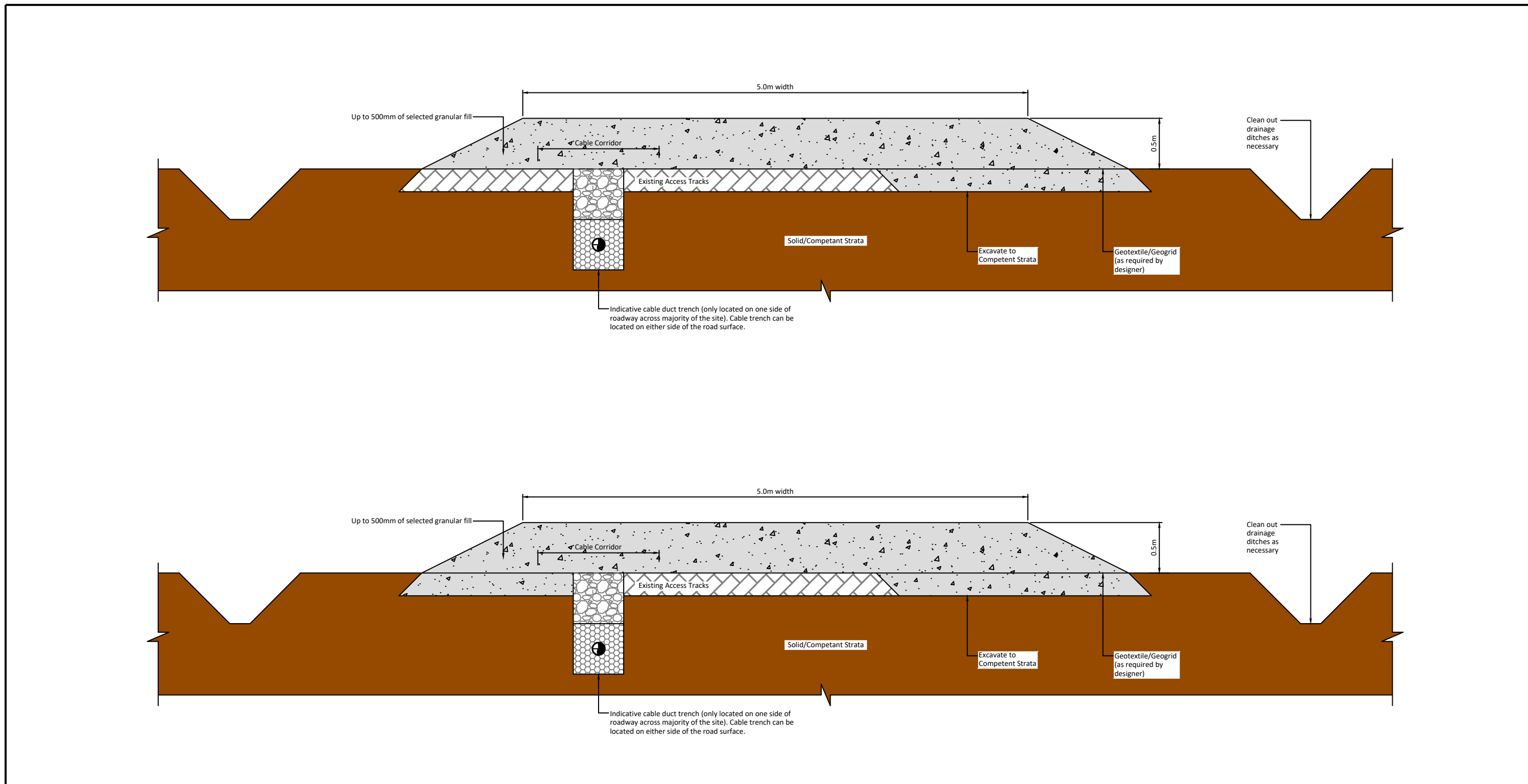
Pre-Cast Concrete Bottomless Box Watercourse Crossing



DRAWING TITLE: Pre-cast Concrete Clearspan Watercourse Crossing	
PROJECT TITLE: Glenora Wind Farm, Co. Mayo	
DRAWING BY: Joseph O'Brien	CHECKED BY: Eoin McCarthy
PROJECT No.: 201120	DRAWING No.: 201120 - 64
SCALE: 1:100 @ A3	DATE: 12.12.2023



MKO
 Planning and Environmental Consultants
 Tuam Road, Galway
 Ireland, H91 VW84
 +353 (0) 91 735611
 email: info@www.mkofireland.ie
 Website: www.mkofireland.ie

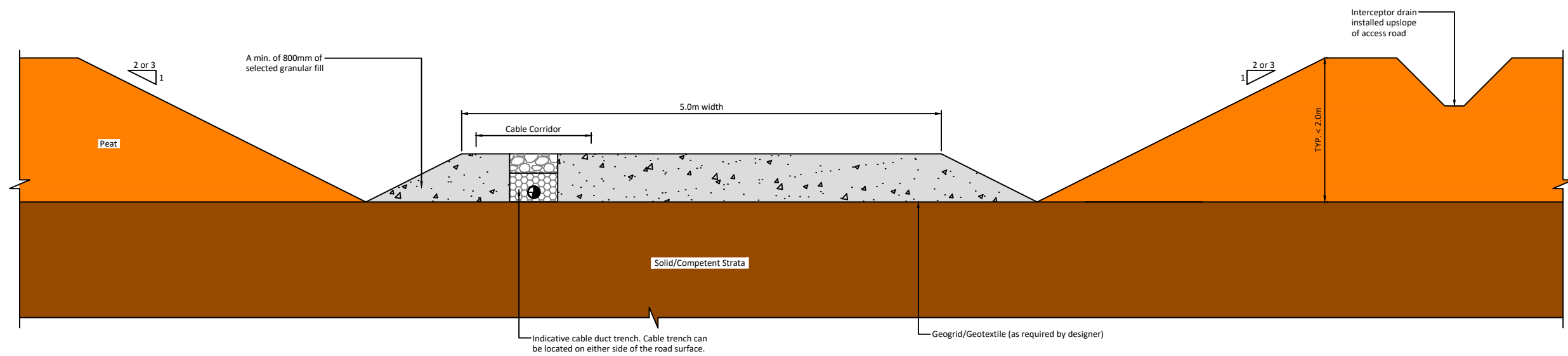


Scale 1:40

If Applicable : Ordnance Survey Ireland Licence No. CYAL50221678 © Ordnance Survey Ireland and Government of Ireland

Rev.	Description	App By	Date
A	FOR INFORMATION	BDH	12.05.23

PROJECT	GLENORA WINDFARM			CLIENT	MKO		
SHEET	TYPE A - UPGRADE OF EXISTING EXCAVATED ACCESS TRACKS			Date	12.05.23	Project number	P20-213
				Drawn by	POR	Drawing Number	P20-312-0600-GLEN-0006
				Checked by	IH		
						Scale (@ A3)	As Shown
						Rev	A

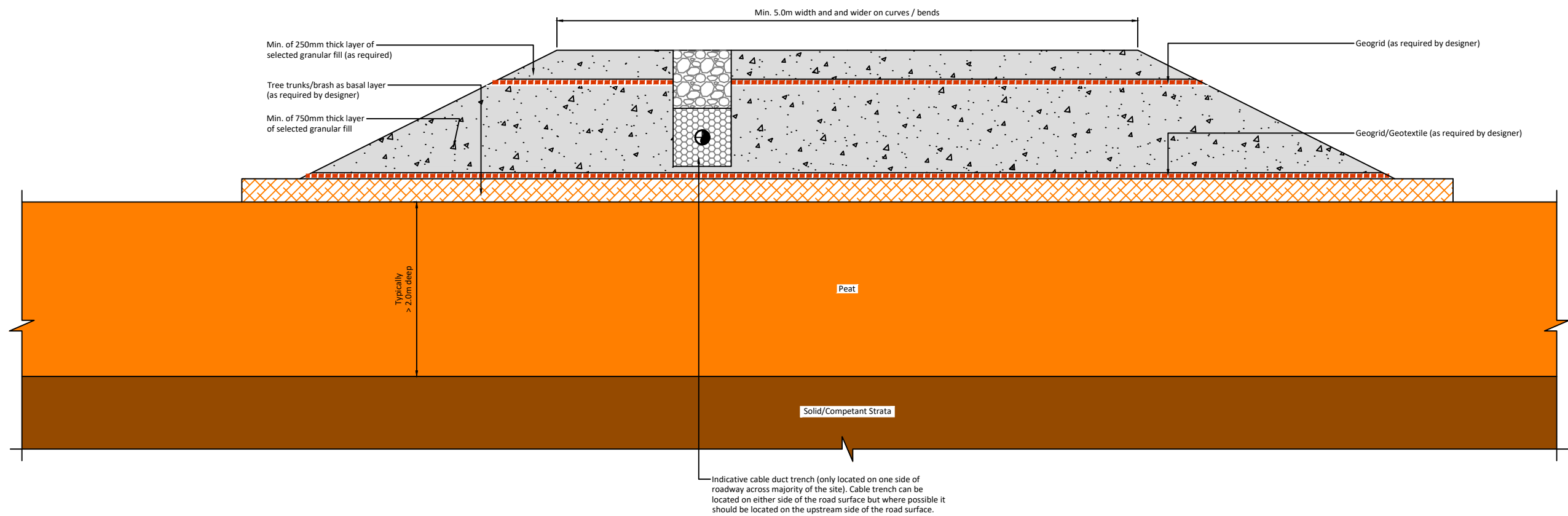


Scale 1:50

If Applicable : Ordnance Survey Ireland Licence No. CYAL50221678 © Ordnance Survey Ireland and Government of Ireland

Rev.	Description	App By	Date
A	FOR INFORMATION	BDH	12.05.23
B	FOR INFORMATION	BDH	05.12.23

PROJECT	CLIENT		
GLENORA WINDFARM	MKO		
SHEET	Date	Project number	Scale (@ A3) As Shown
TYPE B - NEW EXCAVATE AND REPLACE ACCESS ROAD	05.12.23	P20-213	
	Drawn by	Drawing Number	Rev
	POR	P20-312-0600-GLEN-0007	B
Checked by			
	IH		



Scale 1:40

If Applicable : Ordnance Survey Ireland Licence No. CYAL50221678 © Ordnance Survey Ireland and Government of Ireland



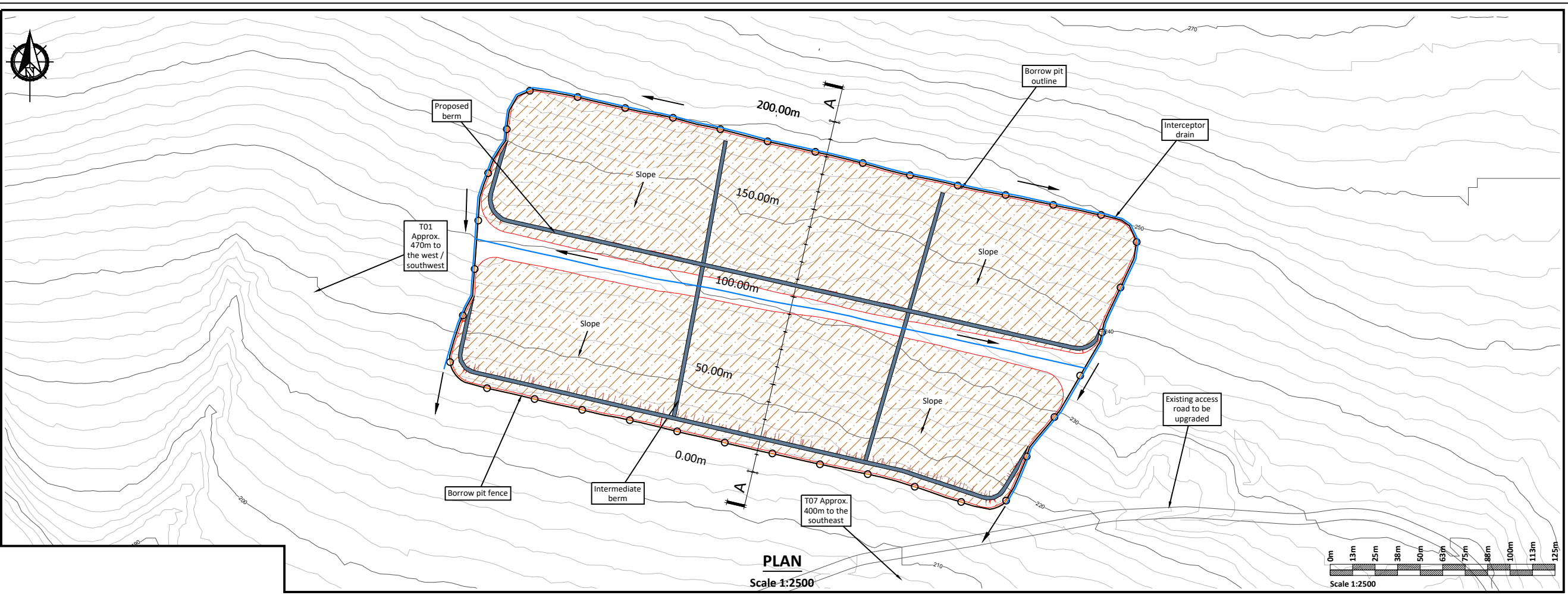
No part of this document may be reproduced or transmitted in any form or stored in any retrieval system of any nature without the written permission of Fehily Timoney & Company as copyright holder except as agreed for use on the project for which the document was originally issued. Do not scale. Use figured dimensions only. If in doubt - Ask!

Rev.	Description	App By	Date
A	FOR INFORMATION	BDH	12.05.23
B	FOR INFORMATION	BDH	07.12.23

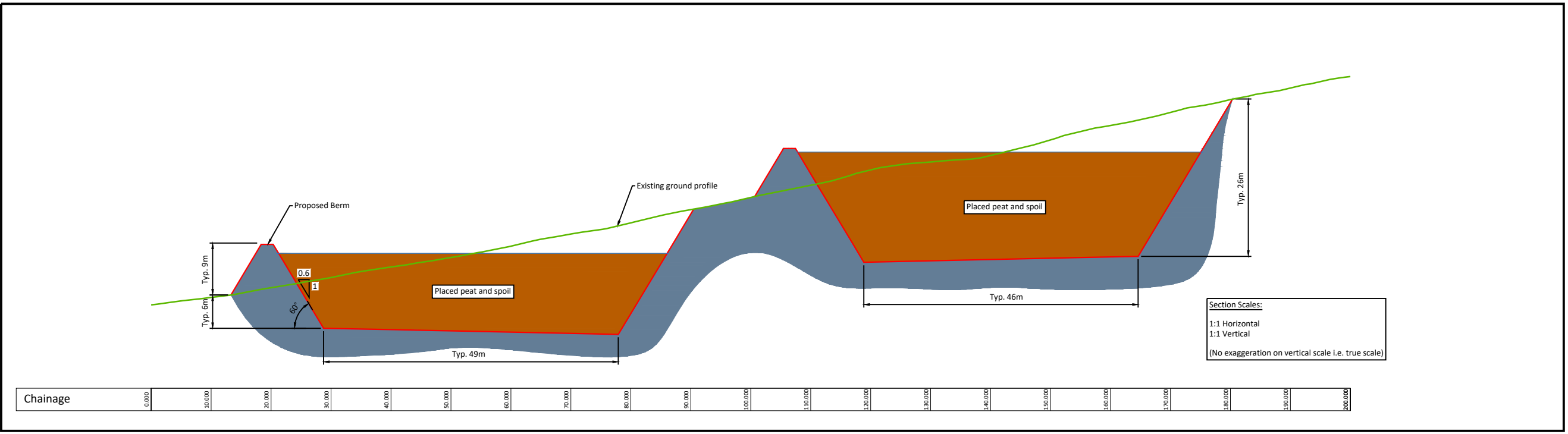
PROJECT	GLENORA WINDFARM			CLIENT	MKO		
SHEET	TYPE C - NEW FLOATED ACCESS TRACK			Date	07.12.23	Project number	P20-213
				Drawn by	POR	Drawing Number	P20-312-0600-GLEN-0008
				Checked by	IH		Rev
							B
						Scale (@ A3)	As Shown

0:\ACAD\2020\P20-312\P20-312-0600-GLEN-0007

7 December 2023



- Borrow Pit Construction Notes:**
- (1) It is proposed to construct the borrow pit so that the base of the borrow pit is below the level of the adjacent section of access road.
 - (2) Slopes within the excavated rock formed around the perimeter of the borrow pit will be formed at stable inclinations to suit local in-situ rock conditions.
 - (3) Infilling of the peat & spoil will commence at the back edge of the borrow pit and progress towards the borrow pit entrance/rock buttress.
 - (4) A rock buttress is required at the downslope edge of the borrow pit to safely retain the infilled peat and spoil. The height of the rock buttresses constructed will be greater than the height of the infilled peat & spoil to prevent any surface peat & spoil run-off. A buttress up to 9m (approx.) in height is likely to be required.
 - (5) The rock buttress will be founded on competent strata. The founding stratum for the rock buttress will be inspected and approved by the project geotechnical engineer.
 - (6) In order to prevent water retention occurring behind the buttresses, the buttresses will be constructed of coarse boulder fill with a high permeability.
 - (7) The surface of the placed peat & spoil will be shaped to allow efficient run-off of surface water from the placed arising's.
 - (8) Control of groundwater within the borrow pit may be required and measures will be determined as part of the ground investigation programme.
 - (9) All the above-mentioned general guidelines and requirements will be confirmed by the designer prior to construction.
 - (10) Further guidelines on the construction of the borrow pit are included within Section 7.5 of the Peat & Spoil Management Plan



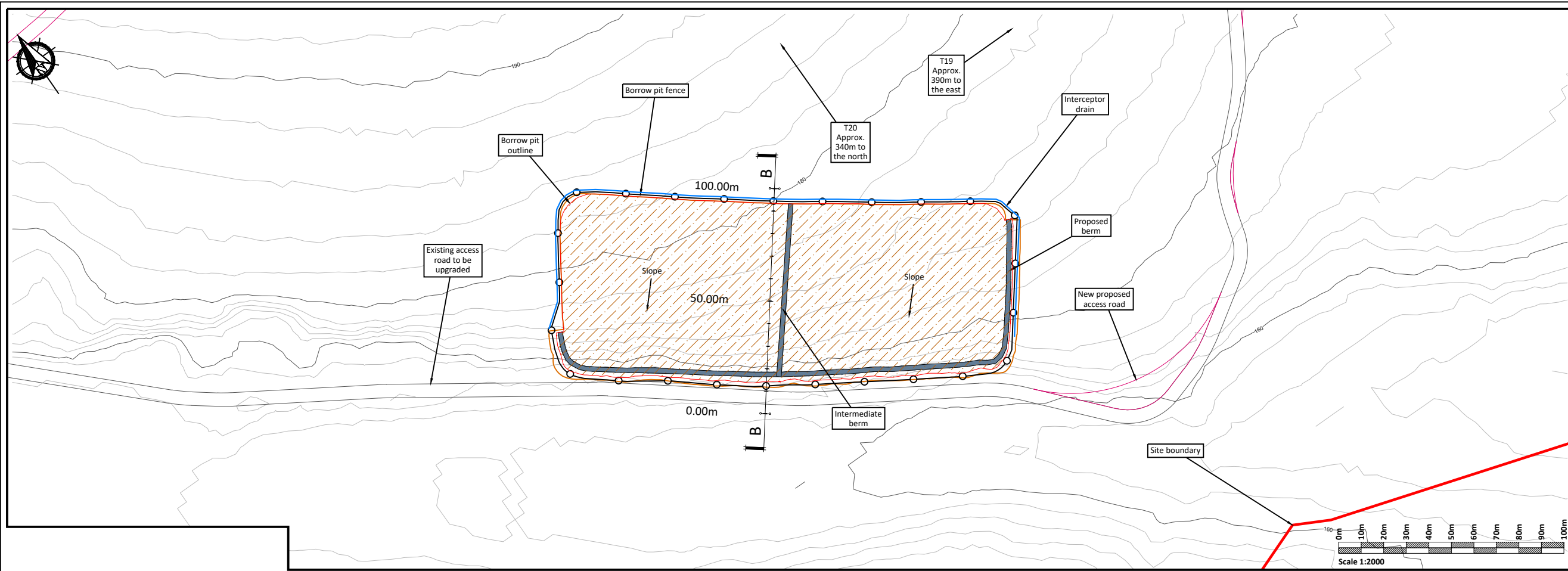
If Applicable : Ordnance Survey Ireland Licence No. CYAL50221678 © Ordnance Survey Ireland and Government of Ireland



No part of this document may be reproduced or transmitted in any form or stored in any retrieval system of any nature without the written permission of Fehily Timoney & Company as copyright holder except as agreed for use on the project for which the document was originally issued. Do not scale. Use figured dimensions only. If in doubt - Ask!

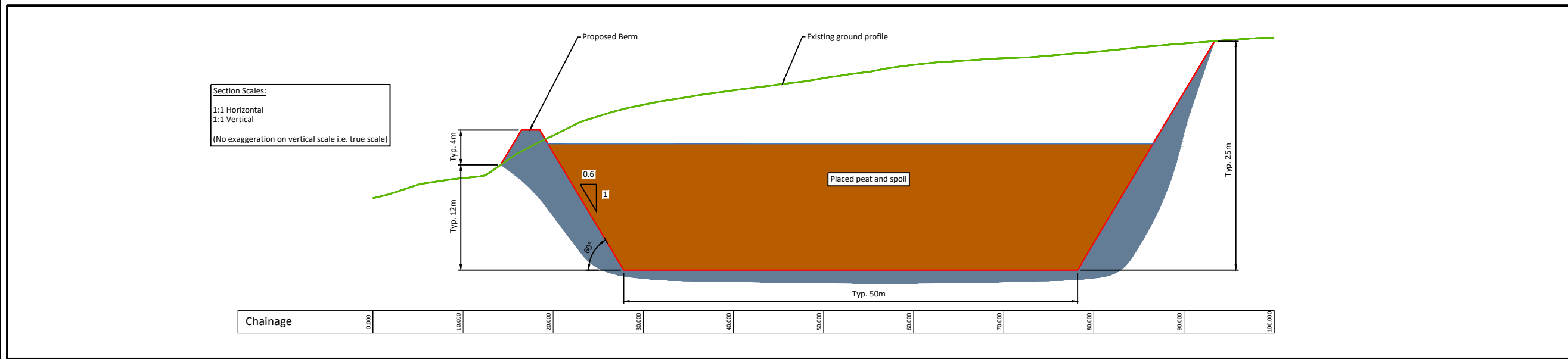
Rev.	Description	App By	Date
A	FOR INFORMATION	BDH	06.10.22
B	FOR INFORMATION	BDH	27.04.23
C	FOR INFORMATION	BDH	03.05.23
D	FOR INFORMATION	BDH	30.11.23

PROJECT	GLENORA WINDFARM			CLIENT	MKO		
SHEET	BORROW PIT 1 PLAN AND SECTION			Date	30.11.23	Project number	P20-213
				Drawn by	POR	Drawing Number	P20-312-0600-GLEN-0009
				Checked by	IH	Scale (@ A3)	As Shown
						Rev	D



PLAN
Scale 1:2000

- Borrow Pit Construction Notes:**
- (1) It is proposed to construct the borrow pit so that the base of the borrow pit is below the level of the adjacent section of access road.
 - (2) Slopes within the excavated rock formed around the perimeter of the borrow pit will be formed at stable inclinations to suit local in-situ rock conditions.
 - (3) Infilling of the peat & spoil will commence at the back edge of the borrow pit and progress towards the borrow pit entrance/rock buttress.
 - (4) A rock buttress is required at the downslope edge of the borrow pit to safely retain the infilled peat and spoil. The height of the rock buttresses constructed will be greater than the height of the infilled peat & spoil to prevent any surface peat & spoil run-off. A buttress up to 5m (approx.) in height is likely to be required.
 - (5) The rock buttress will be founded on competent strata. The founding stratum for the rock buttress will be inspected and approved by the project geotechnical engineer.
 - (6) In order to prevent water retention occurring behind the buttresses, the buttresses will be constructed of coarse boulder fill with a high permeability.
 - (7) The surface of the placed peat & spoil will be shaped to allow efficient run-off of surface water from the placed arising's.
 - (8) Control of groundwater within the borrow pit may be required and measures will be determined as part of the ground investigation programme.
 - (9) All the above-mentioned general guidelines and requirements will be confirmed by the designer prior to construction.
 - (10) Further guidelines on the construction of the borrow pit are included within Section 7.5 of the Peat & Spoil Management Plan



SECTION
Scale 1:500

If Applicable : Ordnance Survey Ireland Licence No. CYAL50221678 © Ordnance Survey Ireland and Government of Ireland

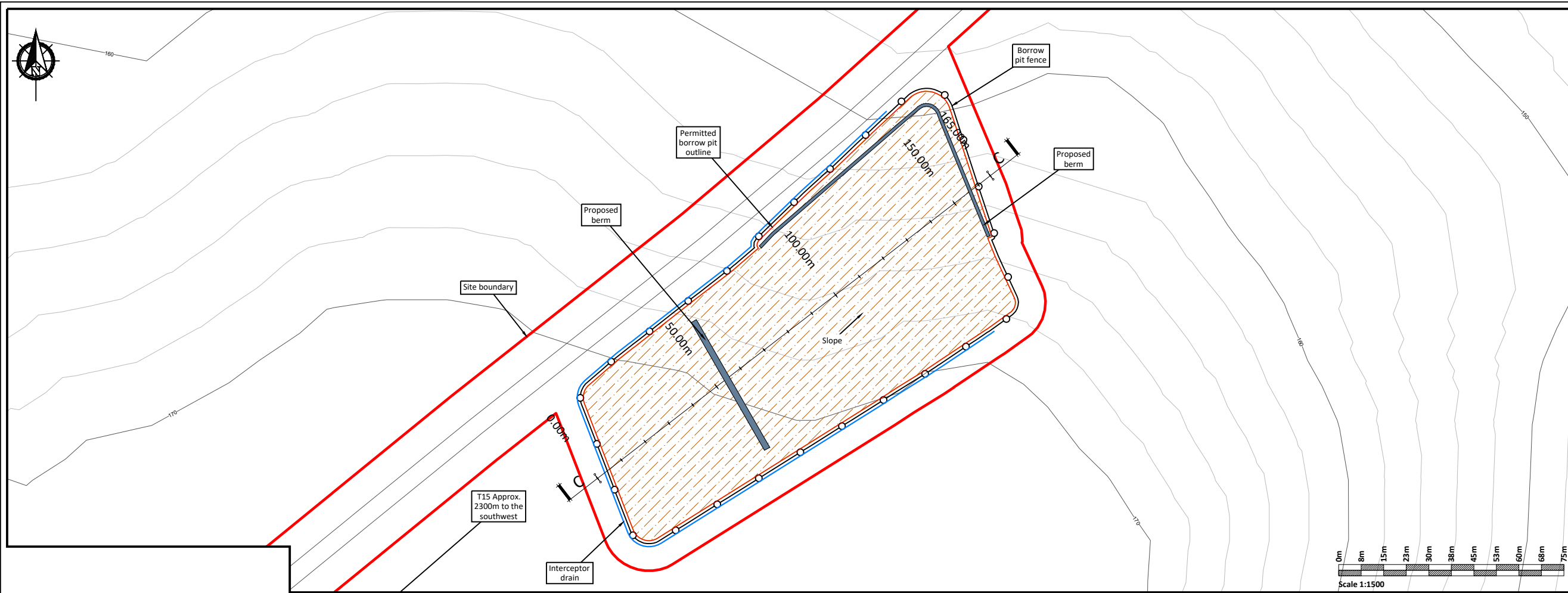


No part of this document may be reproduced or transmitted in any form or stored in any retrieval system of any nature without the written permission of Fehily Timoney & Company as copyright holder except as agreed for use on the project for which the document was originally issued. Do not scale. Use figured dimensions only. If in doubt - Ask!

Rev.	Description	App By	Date
A	FOR INFORMATION	BDH	06.10.22
B	FOR INFORMATION	BDH	27.04.23
C	FOR INFORMATION	BDH	03.05.23
D	FOR INFORMATION	BDH	30.11.23

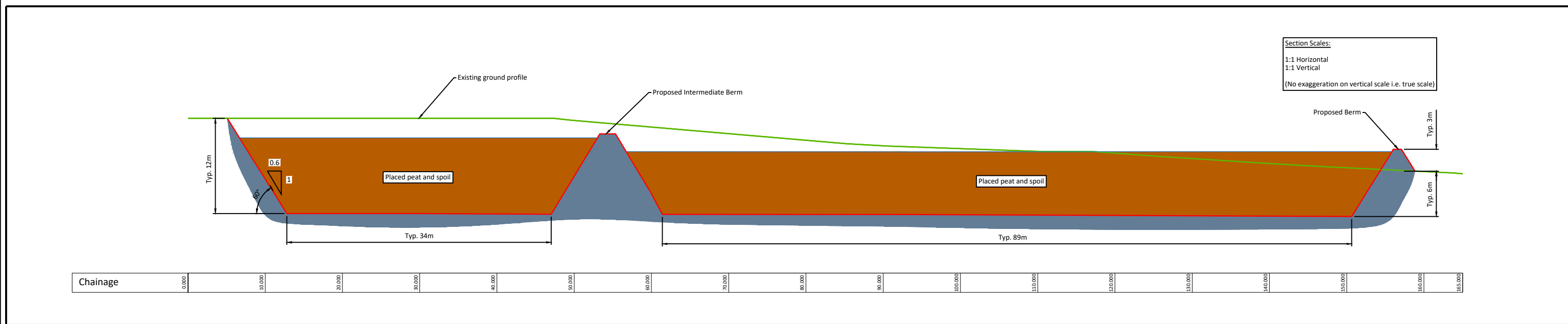
PROJECT	CLIENT		
GLENORA WINDFARM	MKO		
SHEET	Date	Project number	Scale (@ A3)
	30.11.23	P20-213	
	Drawn by	Drawing Number	Rev
	POR	P20-312-0600-GLEN-0010	D
	Checked by	IH	

0:\ACAD\2020\P20-312\P20-312-0600-GLEN-0009



PLAN
Scale 1:1500

- Borrow Pit Construction Notes:**
- (1) It is proposed to construct the borrow pit so that the base of the borrow pit is below the level of the adjacent section of access road.
 - (2) Slopes within the excavated rock formed around the perimeter of the borrow pit will be formed at stable inclinations to suit local in-situ rock conditions.
 - (3) Infilling of the peat & spoil will commence at the back edge of the borrow pit and progress towards the borrow pit entrance/rock buttress.
 - (4) A rock buttress is required at the downslope edge of the borrow pit to safely retain the infilled peat and spoil. The height of the rock buttresses constructed will be greater than the height of the infilled peat & spoil to prevent any surface peat & spoil run-off. A buttress up to 3m (approx.) in height is likely to be required.
 - (5) The rock buttress will be founded on competent strata. The founding stratum for the rock buttress will be inspected and approved by the project geotechnical engineer.
 - (6) In order to prevent water retention occurring behind the buttresses, the buttresses will be constructed of coarse boulder fill with a high permeability.
 - (7) The surface of the placed peat & spoil will be shaped to allow efficient run-off of surface water from the placed arising's.
 - (8) Control of groundwater within the borrow pit may be required and measures will be determined as part of the ground investigation programme.
 - (9) All the above-mentioned general guidelines and requirements will be confirmed by the designer prior to construction.
 - (10) Further guidelines on the construction of the borrow pit are included within Section 7.4 of the Peat & Spoil Management Plan



SECTION
Scale 1:500

If Applicable : Ordnance Survey Ireland Licence No. CYAL50221678 © Ordnance Survey Ireland and Government of Ireland

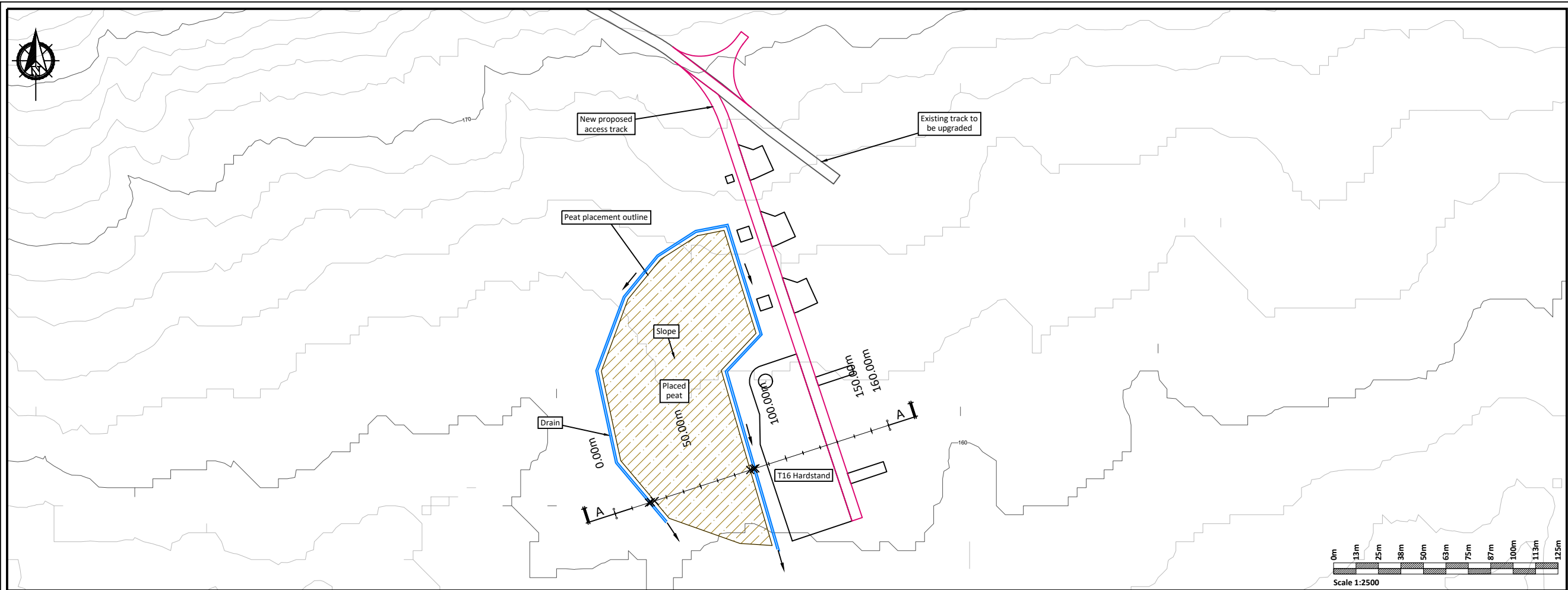


No part of this document may be reproduced or transmitted in any form or stored in any retrieval system of any nature without the written permission of Fehily Timoney & Company as copyright holder except as agreed for use on the project for which the document was originally issued. Do not scale. Use figured dimensions only. If in doubt - Ask!

Rev.	Description	App By	Date
A	FOR INFORMATION	BDH	06.10.22
B	FOR INFORMATION	BDH	27.04.23
C	FOR INFORMATION	BDH	03.05.23
D	FOR INFORMATION	BDH	30.11.23

PROJECT	CLIENT		
GLENORA WINDFARM	MKO		
SHEET	Date 30.11.23	Project number P20-213	Scale (@ A3)
BORROW PIT 3 PLAN AND SECTION (OFFSITE BORROW PIT)	Drawn by POR	Drawing Number P20-312-0600-GLEN-0011	Rev D
	Checked by IH		

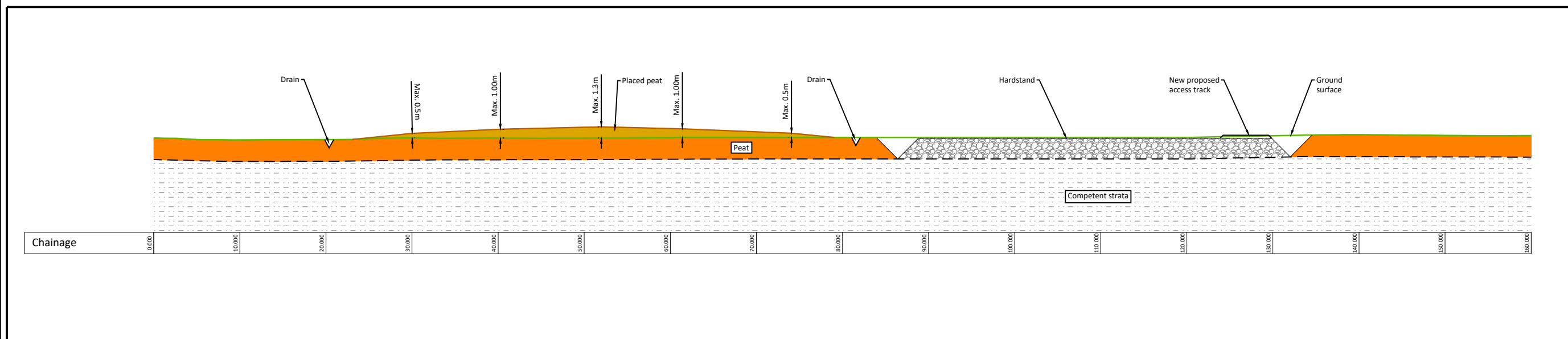
0:\ACAD\2020\P20-312\P20-312-0600-GLEN-0010



PLAN
Scale 1:2500

Construction Notes Peat Storage Areas:

- (1) An interceptor drain will also be installed upslope of the repository areas.
- (2) A silting pond will be required at the lower side of the peat storage areas.
- (3) It is important that the surface of the stored peat be shaped to allow efficient run-off of water from the stored spoil.
- (4) Supervision by a geotechnical engineer or appropriately competent person is recommended for the construction of the peat storage area.
- (5) All the above-mentioned general guidelines and requirements will be implemented during construction.
- (6) Further guidelines on the construction of the peat storage area are included within Section 7.5 of the Peat & Spoil Management Plan.



SECTION A - A
Scale 1:500

If Applicable : Ordnance Survey Ireland Licence No. CYAL50221678 © Ordnance Survey Ireland and Government of Ireland



No part of this document may be reproduced or transmitted in any form or stored in any retrieval system of any nature without the written permission of Fehily Timoney & Company as copyright holder except as agreed for use on the project for which the document was originally issued. Do not scale. Use figured dimensions only. If in doubt - Ask!

Rev.	Description	App By	Date
A	FOR INFORMATION	BDH	12.05.23

PROJECT	CLIENT		
GLENORA WINDFARM	MKO		
SHEET PEAT PLACEMENT WITHIN CLEAR FELL AREAS - TYPICAL DETAILS	Date	12.05.23	Project number
	Drawn by	POR	P20-213
	Checked by	IH	Drawing Number
		P20-312-0600-GLEN-0012	
		Scale (@ A3)	Rev
		As Shown	A