



APPENDIX 15-3

*TDR REPORT AND
AUTOTRACK ASSESSMENT
REPORT*

COLLETT

EXPERTS IN MOTION



Route Access Survey
383371

Cunlaghfadda Wind Farm

Cunlaghfadda Green Energy

May 2025

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Report Details**Report for**

Robert Brockert
Cunlaghfadda Green Energy Ltd
Station Road
Adare
County Limerick

Attendees of Survey

Spencer Budgen

Time / Date of Survey: March 2025

General weather conditions: Mixed

Issued by

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Document Revisions

No	Date	Details
01	17/04/2026	Updated as per Greensource comments
02	23/04/2026	Updated as per Greensource comments

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Collett & Sons Ltd established in Halifax over 45 years ago specialise in the multimodal logistics throughout the UK, Europe and Worldwide.

Our Company owns a modern fleet of over 60 vehicles and over 100 trailers, operating from 3 depots located in Halifax, Goole and Grangemouth.

The depots situated in Goole and Grangemouth offer strategically located sites suitable to provide central hubs for distribution throughout the UK. Each facility is complete with up to 110 tonnes lifting capacity in order to be able to handle all various abnormal load types. As logistical partners, the company is able to offer the complete transport solution from point of manufacture through to job site.

Collett & Sons Limited operate an in-house consultancy that deals with transport feasibility, route and site access surveys, Swept Path Analysis, Traffic Management Plans, Test Drives and Environment Statements.

In addition to consulting services, Collett & Sons Limited delivers the following services;

- Marine
- Port Operation
- Heavy Lift Storage
- Heavy Transport
- Project Management
- Freight Forwarding
- Heavy Lift
- General Haulage
- Warehousing
- Test Station (DVSA-authorized)
- SHEQ Training



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1. Executive Summary

- 1.1. This report comprises of a study of the road routes as detailed here in for the road transport of Vestas V136 wind turbine components to the proposed entrances to Cunlaghfadda Wind Farm.
- 1.2. One Route to site has been assessed from the Port of Galway to the proposed site.

Oversail Third party land

- 1.1. Oversail will be required at a number of locations as follows:
 - 6.10.3 – Clare Road / Claremount Manor junction
 - 6.12.2 – Right hand bend on L1506
 - 6.13.1 – Junction L1506/ L1505
 - 6.13.2 – Left hand bend on L1505
 - 6.12.3 – S- Bend on unnamed road towards site
 - 6.14.1 – Left hand bend after S-Bend on unnamed road towards site
 - 6.15.1 – Unnamed road – site access junction

Road widening

- 1.2. Road widening will be required at the following locations:
 - 6.10.2 – Section of Clare Road
 - 6.10.3 – Clare Road / Claremount Manor junction
 - 6.13.1 – Junction L1506/ L1505
 - 6.13.2 – Left hand bend on L1505
 - 6.14.1 – Left hand bend after S-Bend on unnamed road towards site
 - 6.15.1 – Unnamed road – site access junction

Modifications to street furniture

- 1.3. Street furniture removal will be required at a number of locations and have been detailed within the report body.
- 1.4. Any boundary features or obstructions with the Swept Area detailed in the Swept Path Analysis to be removed. This includes walls, fences, trees, hedgerows, street furniture etc.

Manual Steering

- 1.5. Manual steering will be required at numerous locations along the route to assist navigation.

Vertical Alignment

- 1.6. The tower sections loaded in clamp trailers are to be raised to navigate over the crest on the rail bridge in Claremorris.

Structural Consultation

- 1.7. No structural consultation has been undertaken as part of this assessment.

2. Introduction

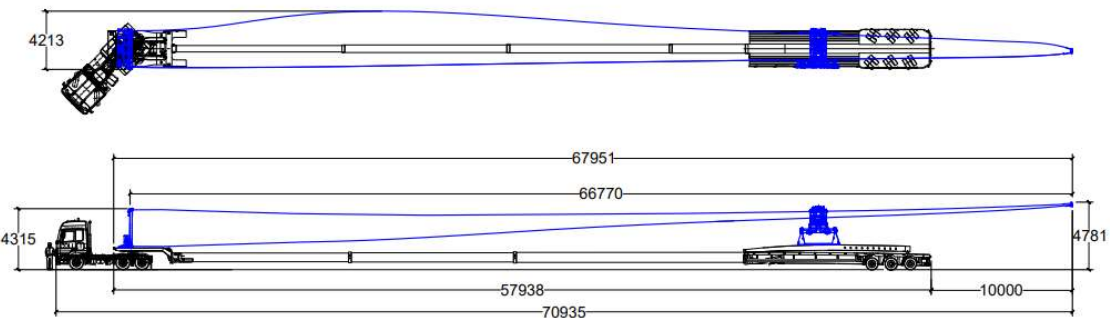
- 2.1 Collett & Sons Ltd. were commissioned by Greensource to undertake an abnormal loads route access study to assess the transportation of Vestas V136 wind turbine components to Cunlaghfadda Wind Farm.
- 2.2 The road routes as detailed here are for the road transport of the Vestas V136 wind turbine components.
- 2.3 The purpose of this report is to detail access from the Port of Galway.

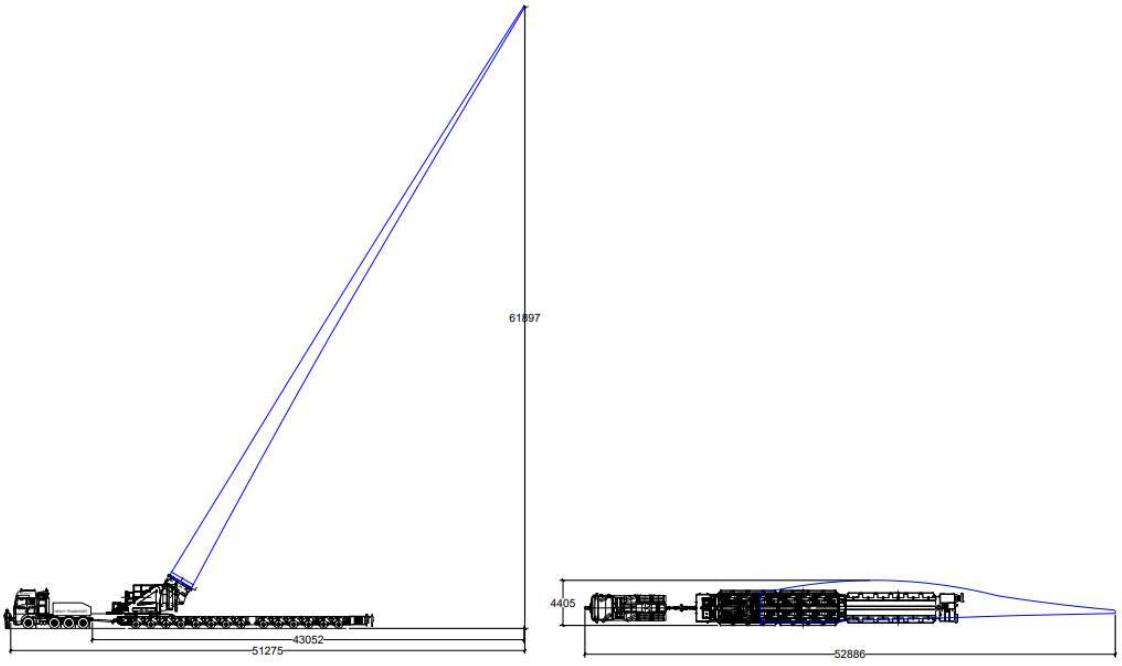
3. Candidate Abnormal Loads

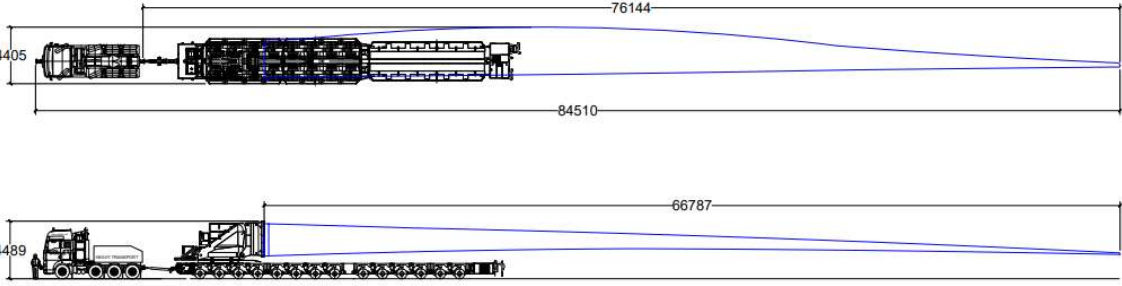
- 3.1. Greensource has requested that the assessment on which this report is compiled be based on the delivery of the Vestas V136 wind turbine components.

4. Abnormal Indivisible Load Profiles

- 4.1. The abnormal load components are assessed based on weight, length, width and height and loaded to the most appropriate vehicle the weights and dimensions of these are detailed below. The loading diagrams are detailed in Appendix 1.

4.2.	383371-A
V136 Blade	
	
	Loaded vehicle dimensions
Overall vehicle Length	70.94m
Rigid Length	67.95m
Width	4.21m
Height	4.78m
GVW	TBC
Max Axle Weight	TBC

4.3.	383371-A
V136 Blade @ 60°	
 The diagram shows a side profile of a truck with a crane arm extended at a 60-degree angle. The crane arm is labeled with a height of 61897. The truck's overall length is 51275, and the rigid length is 43052. The width of the truck is 4405, and the width of the crane arm is 52886.	
Loaded vehicle dimensions	
Overall vehicle Length	51.28m
Rigid Length	43.05m
Width	4.40m
Height	61.89m
GVW	TBC
Max Axle Weight	TBC

4.4.	383371-A
V136 Blade @ 0°	
 The diagram shows a side profile of a truck with a crane arm extended at a 0-degree angle. The crane arm is labeled with a height of 4405. The truck's overall length is 84510, and the rigid length is 76144. The width of the truck is 4489, and the width of the crane arm is 66787.	
Loaded vehicle dimensions	
Overall vehicle Length	84.51m
Rigid Length	76.14m
Width	4.41m
Height	4.49m
GVW	TBC
Max Axle Weight	TBC

4.5.	383371-B														
V136 Bottom Tower															
<table border="1"> <thead> <tr> <th></th><th>Loaded vehicle dimensions</th></tr> </thead> <tbody> <tr> <td>Overall vehicle Length</td><td>47.25m</td></tr> <tr> <td>Rigid Length</td><td>32.81m</td></tr> <tr> <td>Width</td><td>4.28m</td></tr> <tr> <td>Height</td><td>4.82m</td></tr> <tr> <td>GVW</td><td>TBC</td></tr> <tr> <td>Max Axle Weight</td><td>TBC</td></tr> </tbody> </table>			Loaded vehicle dimensions	Overall vehicle Length	47.25m	Rigid Length	32.81m	Width	4.28m	Height	4.82m	GVW	TBC	Max Axle Weight	TBC
	Loaded vehicle dimensions														
Overall vehicle Length	47.25m														
Rigid Length	32.81m														
Width	4.28m														
Height	4.82m														
GVW	TBC														
Max Axle Weight	TBC														

4.6.	383371-C														
V136 Middle Tower															
<table border="1"> <thead> <tr> <th></th><th>Loaded vehicle dimensions</th></tr> </thead> <tbody> <tr> <td>Overall vehicle Length</td><td>38.07m</td></tr> <tr> <td>Rigid Length</td><td>33.27m</td></tr> <tr> <td>Width</td><td>4.87m</td></tr> <tr> <td>Height</td><td>3.92m</td></tr> <tr> <td>GVW</td><td>TBC</td></tr> <tr> <td>Max Axle Weight</td><td>TBC</td></tr> </tbody> </table>			Loaded vehicle dimensions	Overall vehicle Length	38.07m	Rigid Length	33.27m	Width	4.87m	Height	3.92m	GVW	TBC	Max Axle Weight	TBC
	Loaded vehicle dimensions														
Overall vehicle Length	38.07m														
Rigid Length	33.27m														
Width	4.87m														
Height	3.92m														
GVW	TBC														
Max Axle Weight	TBC														

4.7.	383371-D
V136 Top Tower	
Loaded vehicle dimensions	
Overall vehicle Length	39.93m
Rigid Length	34.41m
Width	4.57m
Height	3.67m
GVW	TBC
Max Axle Weight	TBC

4.8.	383371-E
V136 Nacelle	
Loaded vehicle dimensions	
Overall vehicle Length	24.97m
Rigid Length	19.46m
Width	4.37m
Height	3.98m
GVW	118Te
Max Axle Weight	10Te

4.9.	383371-F
V136 Drive Train	
Loaded vehicle dimensions	
Overall vehicle Length	21.83m
Rigid Length	16.12m
Width	4.37m
Height	3.52m
GVW	101Te
Max Axle Weight	10Te

4.10.	383371-G
V136 Drive Train	
Loaded vehicle dimensions	
Overall vehicle Length	17.70m
Rigid Length	13.40m
Width	3.77m
Height	4.86m
GVW	62.00Te
Max Axle Weight	9.00Te

5. Abnormal Load Movements in Ireland

In the Republic of Ireland, any haulier who wishes to move a load or vehicle that exceeds the limits identified within the Road Traffic (Construction Equipment & Use of Vehicles) Regulations 2003, S.I.5 of 2003 must apply and obtain a permit for the movement.

There are two permit schemes in operation depending on the size, weight and location of the proposed movements.

5.1. Permit Scheme administered by An Garda Síochána

An Garda Síochána run a scheme for the movement of vehicles and loads that do not exceed 27.4 metres in length and 4.3 metres in width on designated roads.

Note: Vehicles and loads exceeding the 4.65 metre national height limit are not covered under this scheme and require a Local Authority Permit instead.

The designated road list is often updated with additional routes. An up to date list will always be available on RSA.ie and the Garda website.

This scheme is outlined under the:

- [Road Traffic \(Specialised Vehicle Permits\) Regulations, 2009, S.I. No. 147 of 2009 and](#)
- [Road Traffic \(Specialised Vehicle Permits\) \(Amendment\) Regulations, 2010](#)

This scheme is free of charge.

5.2. Permit Scheme administered by Local Authorities

Local Authorities operate a permit system for all roads, vehicles and loads not covered under the Garda permit scheme.

You must apply for a permit through the relevant local authorities if:

- All or part of your journey is not on the routes the Garda scheme covers.
- The weight of the vehicle or load exceeds the limits outlined in [SI 5 of 2003](#).
- The height of the vehicle or load exceeds the limits outlined in the Road Traffic (Construction and Use of Vehicles) Regulations, [SI 366 of 2008](#).
- The dimensions of the vehicle or load exceed those allowed under the Garda scheme: 27.4 metres in length or 4.3 metres in width.

Charges for this scheme apply and may vary from one local authority to another.

This scheme is outlined under the:

- [Road Traffic Specialised Permits for Particular Vehicles\) Regulations 2007, SI 283 of 2007.](#)

6. Routes Assessment

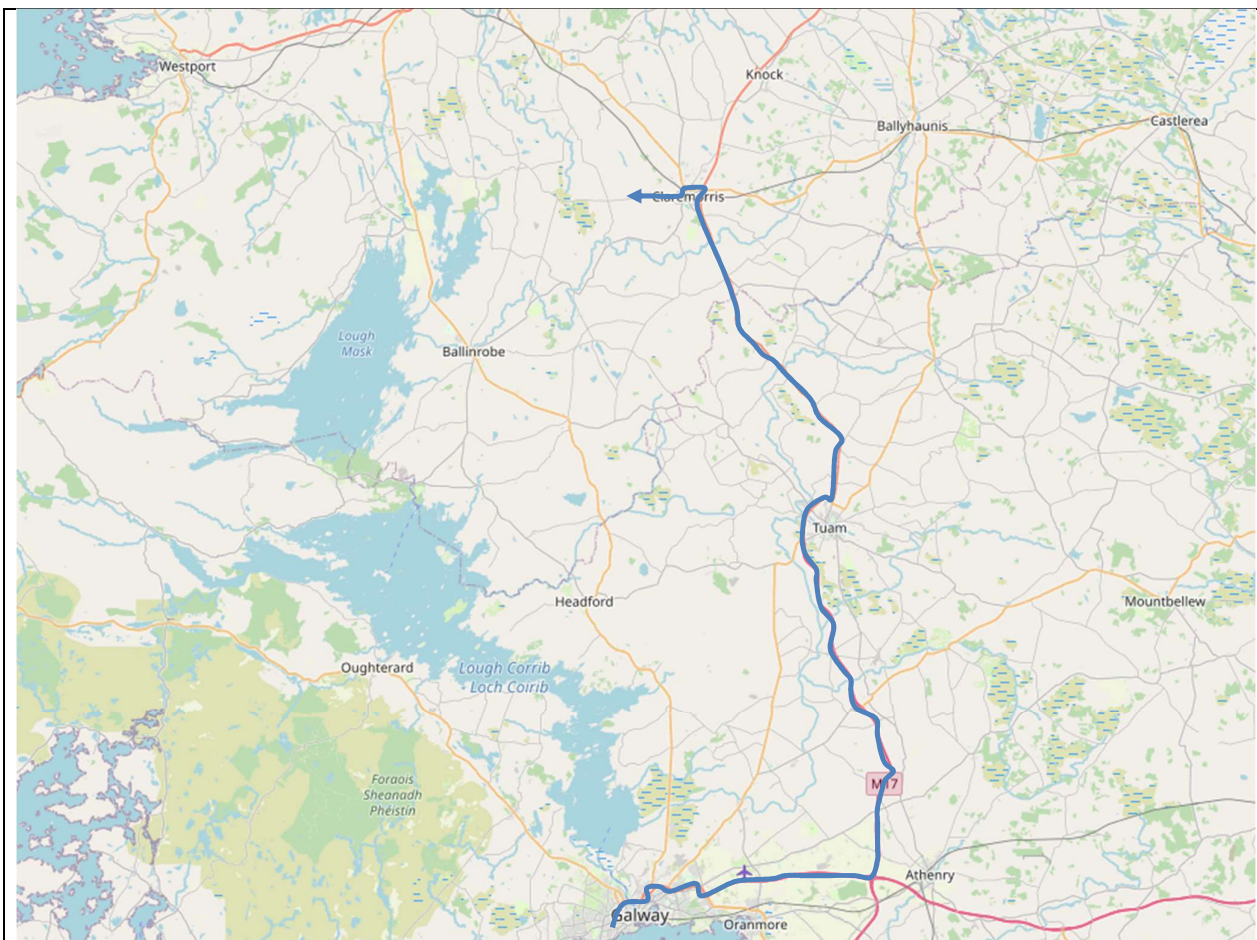
- 6.1. This section of the report illustrates the route assessed for the delivery of the loaded Vestas V136 wind turbine blades from the Port of Galway to the proposed Cunlaghfadda Wind Farm.
- 6.2. For the purpose of this report, one route to the site was surveyed. The route surveyed in this report have been identified by Cunlaghfadda Green Energy.

6.3.

Route A

Start Location	Port of Galway	Distance of Route	Km	Miles
Via:	M6/M17/N17/N5		70.8	44.0
- Exit Port of Galway - Continue onto Lough Atalia Road - Turn right onto R339 - Turn left at Connolly Avenue - Turn right onto R336 - Continue straight onto N83 - At roundabout, take 1st exit onto N17 - At roundabout, take 1st exit onto N17 - Turn left onto L55512 at Claremorris - Turn left onto R331 - Turn right onto L1506 - Turn right onto unnamed road - Turn right onto unnamed road - Continue on unnamed road to approx. proposed site entrance at OSI M 27799 77845.				

6.4. Map Overview



KEY

Route A —————

6.5. Amendment Categorisation

For the purposes of this report, the route amendments have been identified into 3 categories.

Major Amendments – Third Party Land, Road Widening

Minor Amendments – Modifications to Street Furniture, Pruning, Contraflow Manoeuvre, Manual Steering

No Amendments - Location is suitable as assessed during this survey

The categories have been colour coded for each report item as per the below key.

KEY

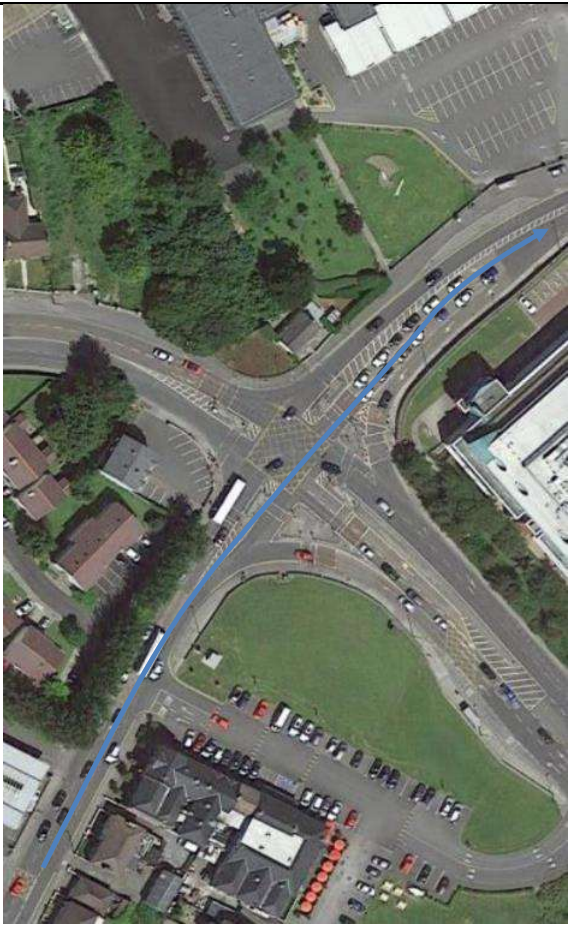
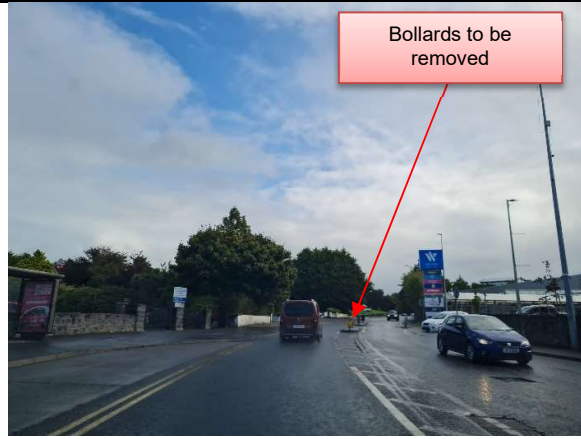
Major Amendments	Minor Amendments	No Amendments

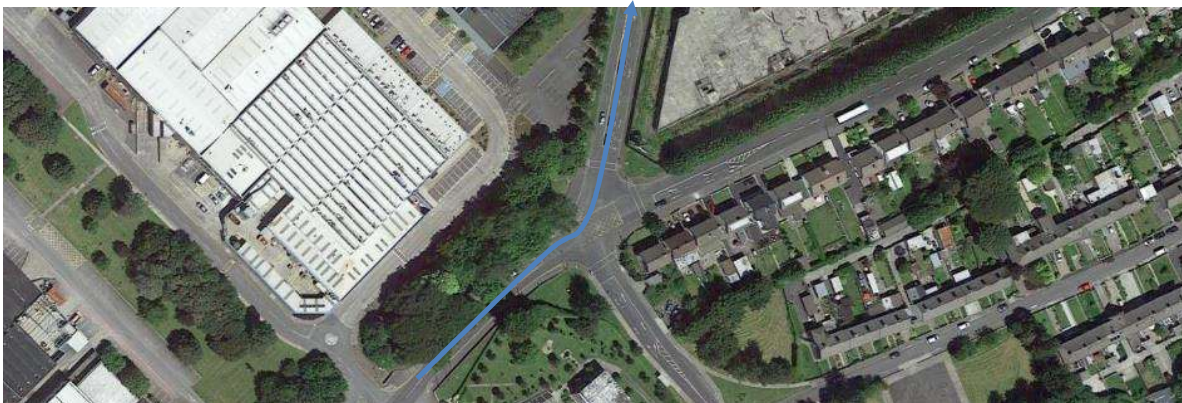
6.6. Map extract of survey locations



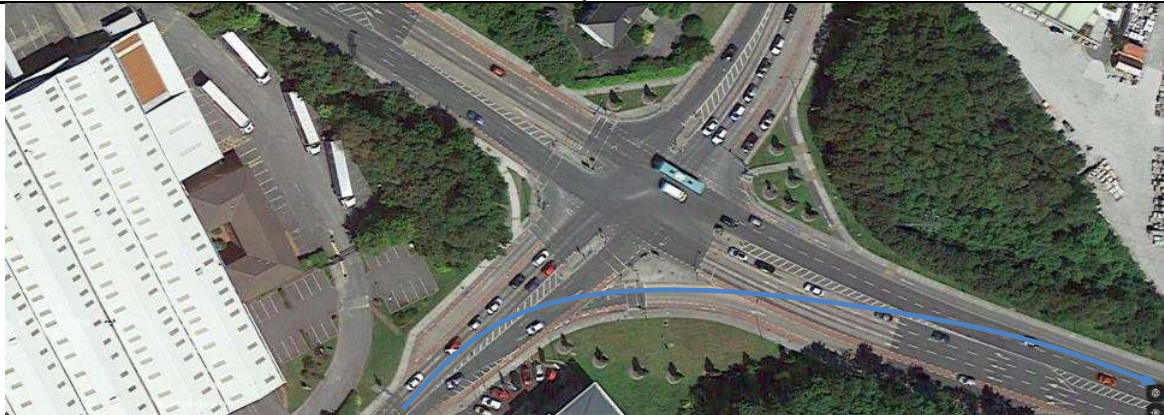
ITEM NUMBER	6.6.1	LOCATION	GALWAY PORT EXIT	
DIRECTION	Exit the Port onto Lough Atalia Road			
GRID REFERENCE	M 30178 24930			
MODIFICATION AND DESCRIPTION		PHOTOGRAPH OF LOCATION		
Swept path analysis indicates the temporary fencing / street furniture is required to be removed/ Loaded blade vehicle is required to utilise the existing exit out of port used previously for wind turbine deliveries				
		Exit from the port		
				
Lough Atalia Road junction				
Aerial View of Location				
FURTHER INVESTIGATION RECOMMENDED?		NO		
RELATED DOCUMENT NUMBERS		383371-10A		

ITEM NUMBER	6.6.2	LOCATION	LOUGH ATALIA ROAD/R339 JUNCTION	
DIRECTION	Turn right at this junction			
GRID REFERENCE	M 31010 26058			
MODIFICATION AND DESCRIPTION		PHOTOGRAPH OF LOCATION		
Visual inspection indicates that there is the loaded vehicle will navigate this junction utilising a contraflow manoeuvre.				
		View towards the junction		
				
		View of the junction		
				
Aerial View of Location		View of the junction		
FURTHER INVESTIGATION RECOMMENDED?		NO	TYPE	N/A
RELATED DOCUMENT NUMBERS		N/A		

ITEM NUMBER	6.6.3	LOCATION	R339/R338 JUNCTION
DIRECTION	Continue straight at this junction		
GRID REFERENCE	M 31119 26239		
MODIFICATION AND DESCRIPTION	PHOTOGRAPH OF LOCATION		
Visual inspection indicates that a contraflow manoeuvre will be required at this junction. Flexi bollards on the splitter islands after the junction to be removed.	 Direction		
	View of the approach to the junction		
			
	View of the junction		
			
	View of the splitter islands		
FURTHER INVESTIGATION RECOMMENDED?	NO	TYPE	N/A
RELATED DOCUMENT NUMBERS	N/A		

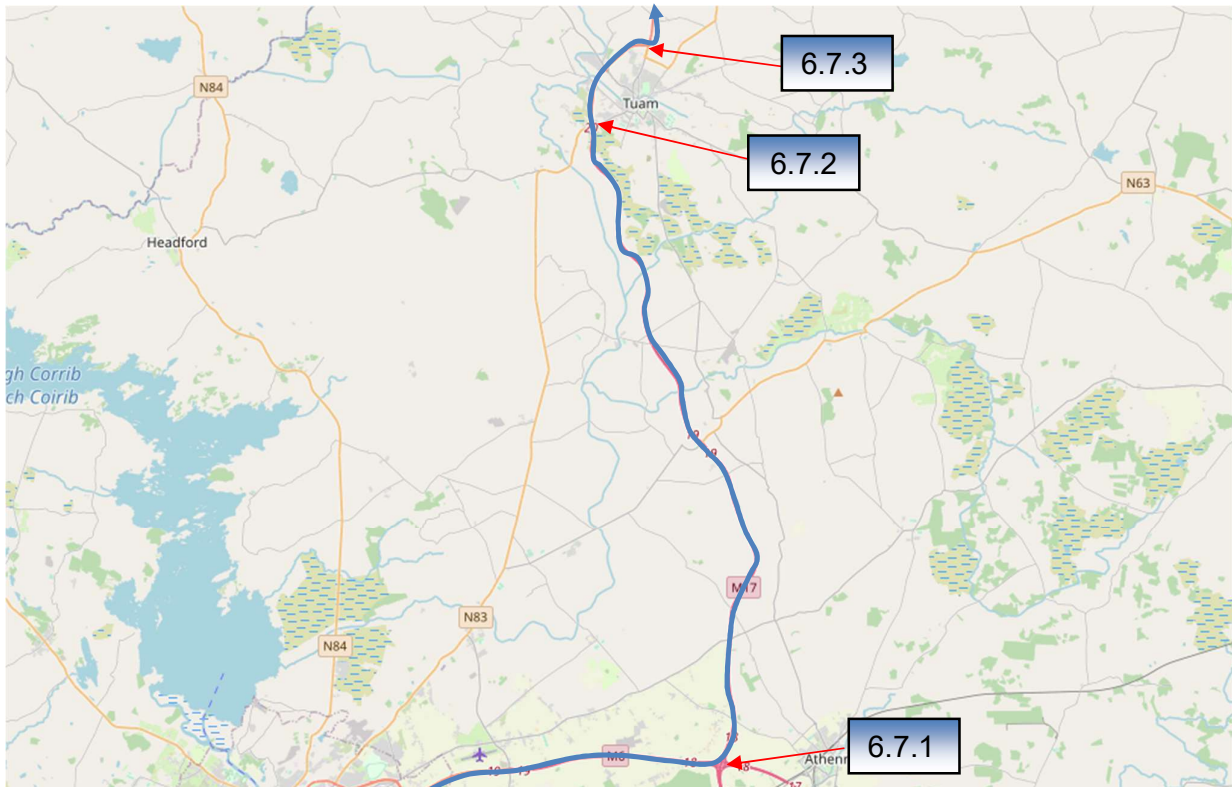
ITEM NUMBER	6.6.4	LOCATION	R339/CONNOLLY AVENUE JUNCTION
DIRECTION	Turn left at this junction		
GRID REFERENCE	M 31786 26676		
MODIFICATION AND DESCRIPTION		PHOTOGRAPH OF LOCATION	
Visual inspection indicates that the traffic light on the near side of the road is to be removed to allow the loaded blades projections to oversail.			
		View of the approach to the junction	
			
View of the junction		View of the junction	
			
Aerial View of Location			
FURTHER INVESTIGATION RECOMMENDED?	YES	TYPE	Swept Path Analysis
RELATED DOCUMENT NUMBERS	383371-20A		

ITEM NUMBER	6.6.5	LOCATION	CONNOLLY AVENUE/R336 JUNCTION	
DIRECTION	Turn right at this junction			
GRID REFERENCE	M 31840 26985			
MODIFICATION AND DESCRIPTION		PHOTOGRAPH OF LOCATION		
Visual inspection indicates that the loaded vehicle will navigate this junction utilising manual steering.				
		Direction		
		View approaching junction		
				
View of the junction		Reverse view of the junction		
				
Aerial View of Location				
FURTHER INVESTIGATION RECOMMENDED?		YES	TYPE	Swept Path Analysis
RELATED DOCUMENT NUMBERS		383371-30A		

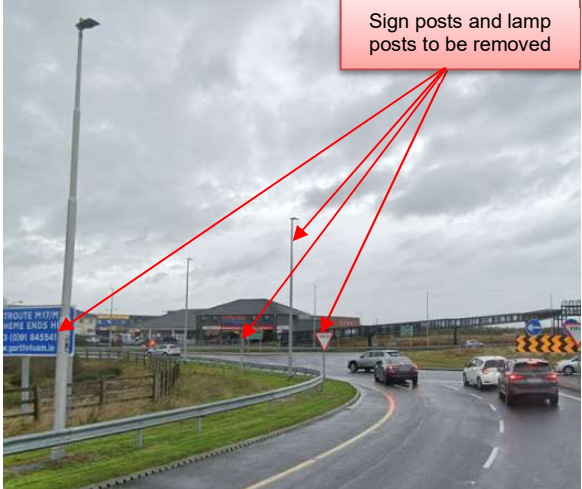
ITEM NUMBER	6.6.6	LOCATION	R336 / N6 JUNCTION
DIRECTION	Turn right at this junction		
GRID REFERENCE	M 32049 27159		
MODIFICATION AND DESCRIPTION		PHOTOGRAPH OF LOCATION	
Visual inspection indicates that the traffic light on the nearside of the road is to be removed as indicated.			
		View approaching junction	
			
Direction	Traffic light to be removed		
View of slip road		View of street furniture on offside of slip	
			
Aerial View of Location			
FURTHER INVESTIGATION RECOMMENDED?		YES	TYPE
RELATED DOCUMENT NUMBERS		Swept Path Analysis	
		383371-40A	

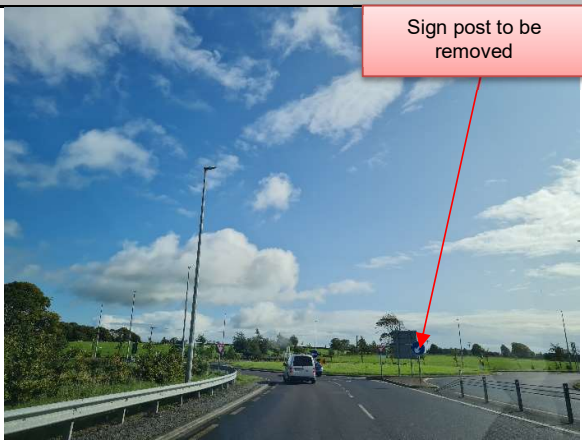
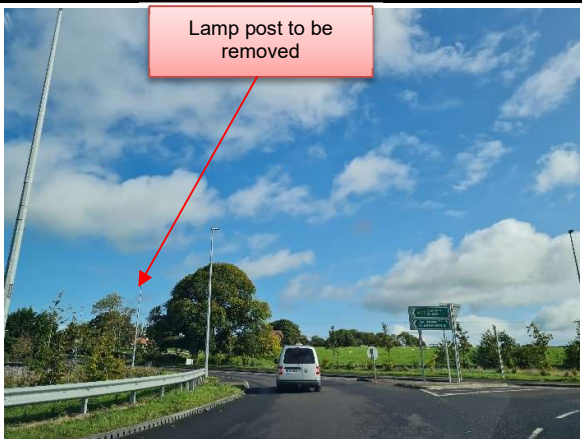
ITEM NUMBER	6.6.7	LOCATION	N6 COOLAGH ROUNDABOUT
DIRECTION	Continue down slip road		
GRID REFERENCE	M 34736 26588		
MODIFICATION AND DESCRIPTION		PHOTOGRAPH OF LOCATION	
Visual inspection indicates lamp posts and road signs on the nearside of roundabout entry to be removed due to the oversail of the trailer body. Manual steering required to assist navigation.		 View approaching sliproad	
 Reverse view of the sliproad		 View of sliproad exit	
 Aerial View of Location			
FURTHER INVESTIGATION RECOMMENDED?		YES	TYPE
RELATED DOCUMENT NUMBERS		Swept Path Analysis	
		383371-50A	

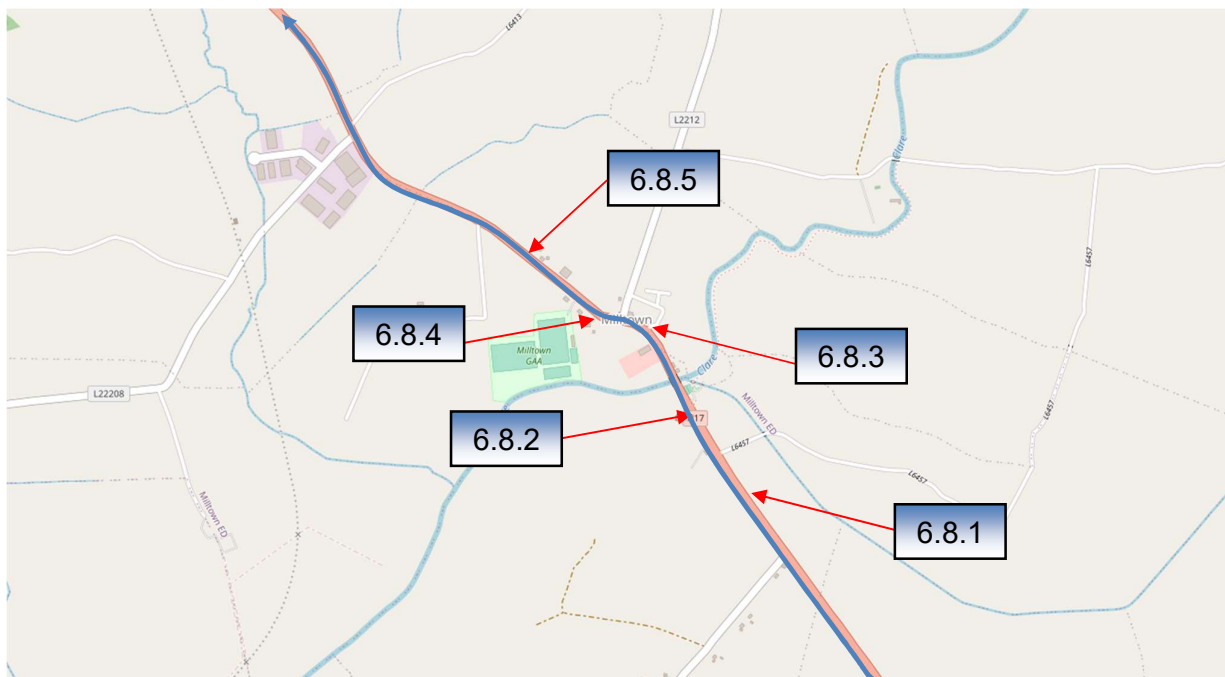
6.7. Map extract of survey locations



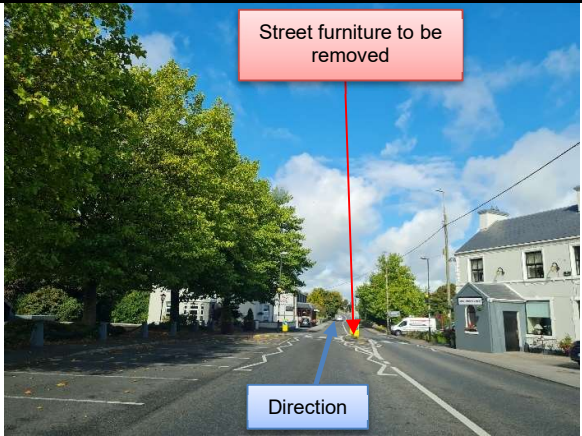
ITEM NUMBER	6.7.1	LOCATION	M6 J18/M17 JUNCTION
DIRECTION	Take slip road onto M17 North		
GRID REFERENCE	M 46078 27831		
MODIFICATION AND DESCRIPTION		PHOTOGRAPH OF LOCATION	
Visual inspection indicates the loaded vehicles will navigate this location utilising manual steering.			
		View of the slip road	
			
		View of the slip road	
			
		Aerial View of Location	
FURTHER INVESTIGATION RECOMMENDED?	YES	TYPE	Swept Path Analysis
RELATED DOCUMENT NUMBERS	383371-60A		

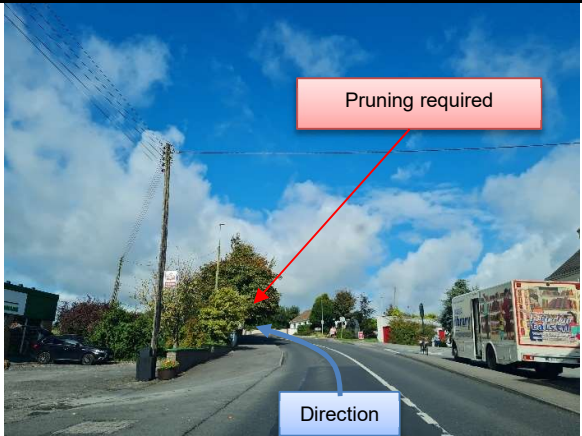
ITEM NUMBER	6.7.2	LOCATION	M17/N83/N17 ROUNDABOUT
DIRECTION	Take 2 nd exit onto N17		
GRID REFERENCE	M 41729 51133		
MODIFICATION AND DESCRIPTION	PHOTOGRAPH OF LOCATION		
Visual inspection indicates that the street furniture shown is required to be removed to allow the loaded bladed to navigate this location. Manual steering is required to assist the navigation.	 Sign posts and lamp posts to be removed View of the approach to the roundabout		
 Direction View of the roundabout entry	 Chevron signs to be removed View of the roundabout		
 Aerial View of Location			
FURTHER INVESTIGATION RECOMMENDED?	YES	TYPE	Swept Path Analysis
RELATED DOCUMENT NUMBERS	383371-70A		

ITEM NUMBER	6.7.3		LOCATION	N17/N83 ROUNDABOUT	
DIRECTION	Take 1 st Exit at the roundabout				
GRID REFERENCE	M 43872 54099				
MODIFICATION AND DESCRIPTION			PHOTOGRAPH OF LOCATION		
Visual inspection indicates that street furniture is to be removed as shown to allow the loaded blades projection. Manual steering is required to assist the navigation.			 Sign post to be removed		
			View of the roundabout		
 Sign post and lamp post to be removed			 Lamp post to be removed		
			View of the central island		
					
Aerial View of Location					
FURTHER INVESTIGATION RECOMMENDED?			YES	TYPE	Swept Path Analysis
RELATED DOCUMENT NUMBERS			383371-80A		



ITEM NUMBER	6.8.1	LOCATION	SPLITTER ISLAND ON N17 IN MILLTOWN
DIRECTION	Continue straight at this location		
GRID REFERENCE	M 40775 62625		
MODIFICATION AND DESCRIPTION		PHOTOGRAPH OF LOCATION	
Visual inspection indicates that the street furniture on the splitter island will require removal.			
		View of the splitter island	
			
Aerial View of Location			
FURTHER INVESTIGATION RECOMMENDED?	NO	TYPE	N/A
RELATED DOCUMENT NUMBERS	N/A		

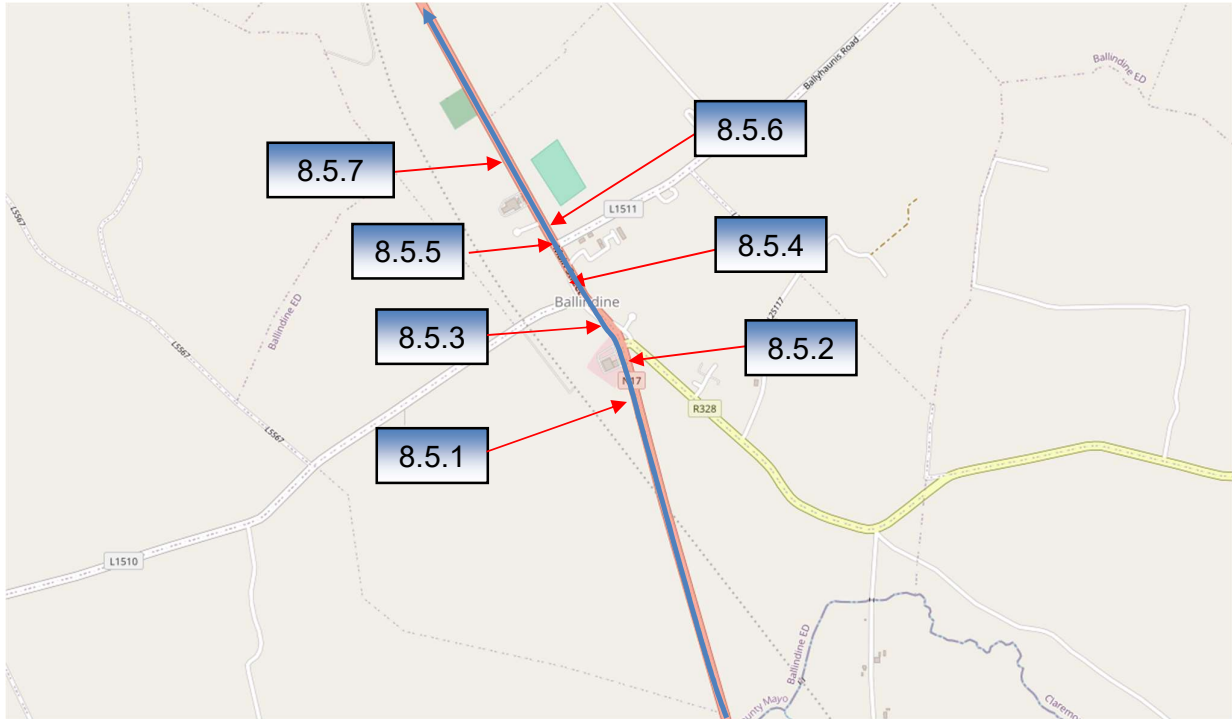
ITEM NUMBER	6.8.2	LOCATION	SPLITTER ISLAND ON N17 IN MILLTOWN	
DIRECTION	Continue straight at this location			
GRID REFERENCE	M 40628 62874			
MODIFICATION AND DESCRIPTION		PHOTOGRAPH OF LOCATION		
Visual inspection indicates that the street furniture on the splitter island will require removal.				
		View of the splitter island		
				
Aerial View of Location				
FURTHER INVESTIGATION RECOMMENDED?		NO	TYPE	N/A
RELATED DOCUMENT NUMBERS		N/A		

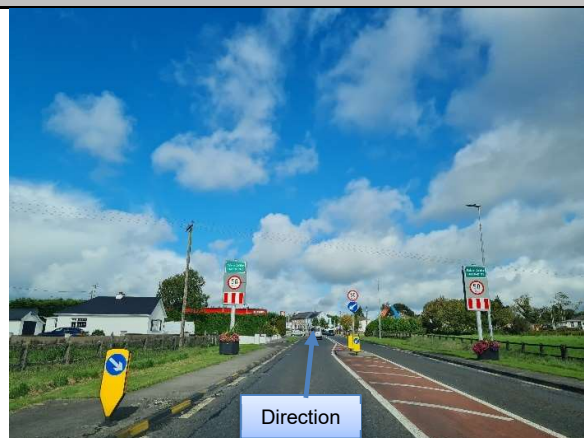
ITEM NUMBER	6.8.3		LOCATION	LEFT BEND ON N17 IN MILLTOWN	
DIRECTION	Continue straight at this location				
GRID REFERENCE	M 40483 63119				
MODIFICATION AND DESCRIPTION			PHOTOGRAPH OF LOCATION		
Visual inspection indicates that pruning is required on the nearside of the road. Manual steering required to assist navigation. Swept Path Analysis recommended to confirm modifications.					
					
Aerial View of Location					
FURTHER INVESTIGATION RECOMMENDED?			YES	TYPE	Swept Path Analysis
RELATED DOCUMENT NUMBERS			N/A		

ITEM NUMBER	6.8.4	LOCATION	RIGHT BEND ON N17 IN MILLTOWN
DIRECTION	Continue straight at this location		
GRID REFERENCE	M 40349 63170		
MODIFICATION AND DESCRIPTION		PHOTOGRAPH OF LOCATION	
Visual inspection indicates that the loaded vehicles will navigate this location utilising manual steering.			
		View of the bend	
			
Aerial View of Location			
FURTHER INVESTIGATION RECOMMENDED?	NO	TYPE	N/A
RELATED DOCUMENT NUMBERS	N/A		

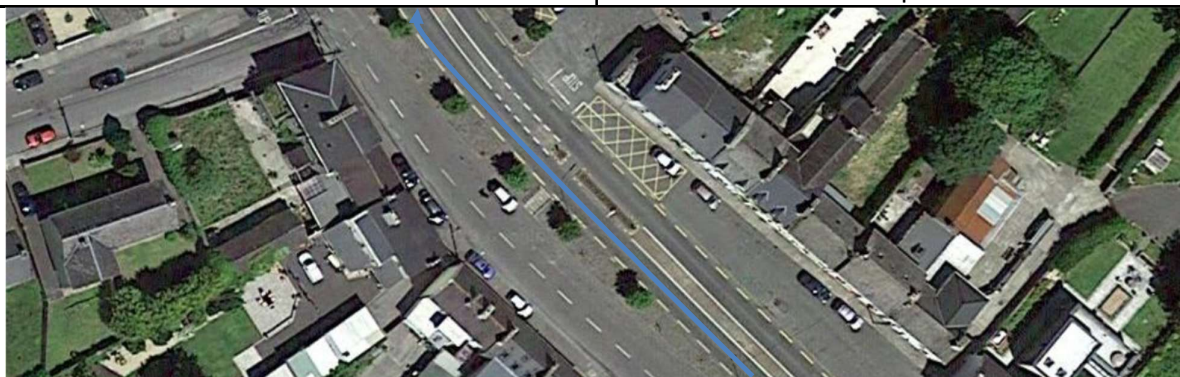
ITEM NUMBER	6.8.5	LOCATION	SPLITTER ISLAND ON N17 IN MILLTOWN	
DIRECTION	Continue straight at this location			
GRID REFERENCE	M 40119 63362			
MODIFICATION AND DESCRIPTION		PHOTOGRAPH OF LOCATION		
Visual inspection indicates that the street furniture on the splitter island will require removal.				
		View of the splitter island		
				
Aerial View of Location				
FURTHER INVESTIGATION RECOMMENDED?		NO	TYPE	N/A
RELATED DOCUMENT NUMBERS		N/A		

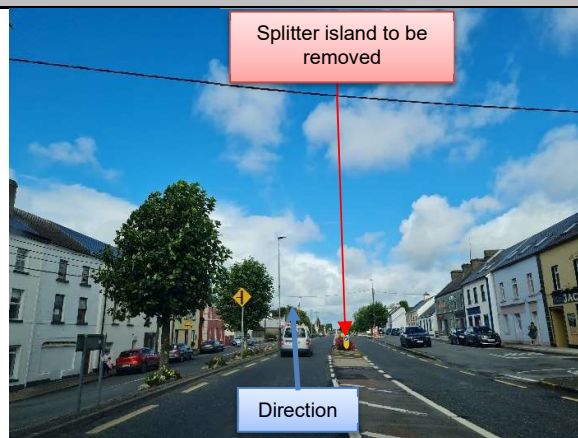
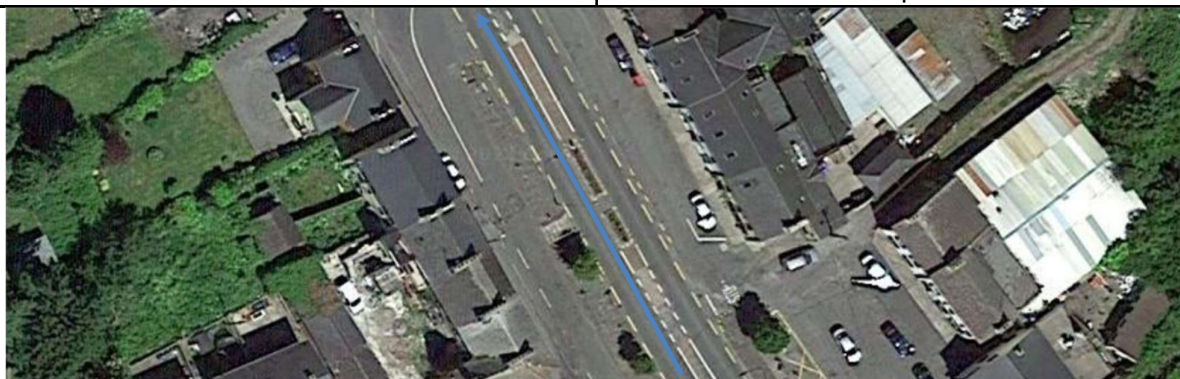
6.9. Map extract of survey locations



ITEM NUMBER	6.9.1	LOCATION	SPLITTER ISLAND ON N17 IN BALLINDINE	
DIRECTION	Continue straight at this location			
GRID REFERENCE	M 36934 68990			
MODIFICATION AND DESCRIPTION		PHOTOGRAPH OF LOCATION		
Visual inspection indicates that there are no issues at this location.				
		View of the splitter island		
				
Aerial View of Location				
FURTHER INVESTIGATION RECOMMENDED?	NO	TYPE	N/A	
RELATED DOCUMENT NUMBERS	N/A			

ITEM NUMBER	6.9.2	LOCATION	SPLITTER ISLAND ON N17 IN BALLINDINE	
DIRECTION	Continue straight at this location			
GRID REFERENCE	M 36884 69157			
MODIFICATION AND DESCRIPTION		PHOTOGRAPH OF LOCATION		
Visual inspection indicates that the street furniture on the splitter island will require removal. Manual steering required to assist navigation.				
		View of the splitter island		
				
Aerial View of Location				
FURTHER INVESTIGATION RECOMMENDED?	NO	TYPE	N/A	
RELATED DOCUMENT NUMBERS	N/A			

ITEM NUMBER	6.9.3	LOCATION	SPLITTER ISLAND ON N17 IN BALLINDINE	
DIRECTION	Continue straight at this location			
GRID REFERENCE	M 36820 69228			
MODIFICATION AND DESCRIPTION		PHOTOGRAPH OF LOCATION		
Visual inspection indicates that the splitter island will require removal so that the full width of the road can be utilised. Manual steering required to assist navigation.				
		View of the splitter island		
				
Aerial View of Location				
FURTHER INVESTIGATION RECOMMENDED?		NO	TYPE	N/A
RELATED DOCUMENT NUMBERS		N/A		

ITEM NUMBER	6.9.4	LOCATION	SPLITTER ISLAND ON N17 IN BALLINDINE	
DIRECTION	Continue straight at this location			
GRID REFERENCE	M 36785 69280			
MODIFICATION AND DESCRIPTION		PHOTOGRAPH OF LOCATION		
Visual inspection indicates that the splitter island will require removal so that the full width of the road can be utilised. Manual steering required to assist navigation.				
		View of the splitter island		
				
Aerial View of Location				
FURTHER INVESTIGATION RECOMMENDED?		NO	TYPE	N/A
RELATED DOCUMENT NUMBERS		N/A		

ITEM NUMBER	6.9.5	LOCATION	SPLITTER ISLAND ON N17 IN BALLINDINE	
DIRECTION	Turn left at this junction			
GRID REFERENCE	M 36700 69435			
MODIFICATION AND DESCRIPTION		PHOTOGRAPH OF LOCATION		
Visual inspection indicates that the street furniture on the splitter island will require removal.				
		View of the splitter island		
				
Aerial View of Location				
FURTHER INVESTIGATION RECOMMENDED?		YES	TYPE	Swept Path Analysis
RELATED DOCUMENT NUMBERS		N/A		

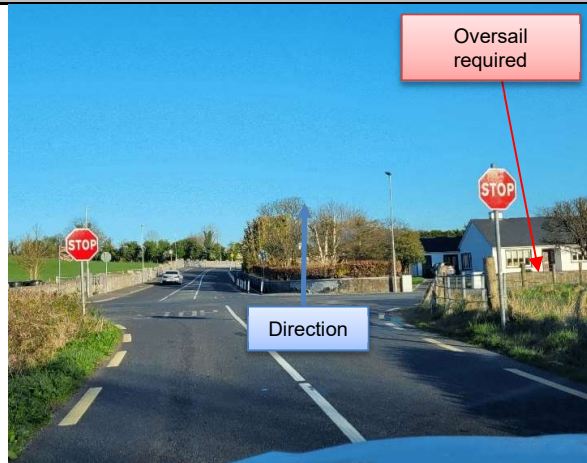
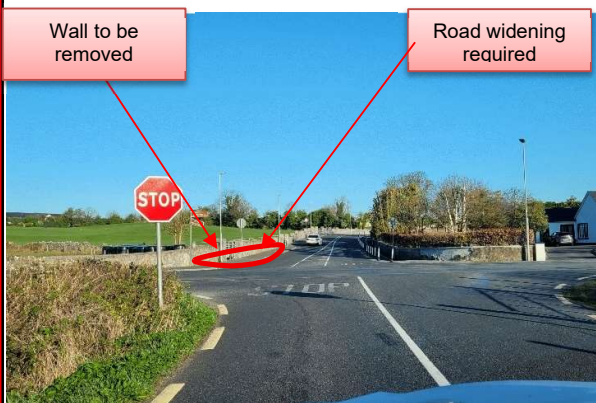
ITEM NUMBER	6.9.6	LOCATION	SPLITTER ISLAND ON N17 IN BALLINDINE	
DIRECTION	Continue straight at this location			
GRID REFERENCE	M 36656 69514			
MODIFICATION AND DESCRIPTION		PHOTOGRAPH OF LOCATION		
Visual inspection indicates that the street furniture on the splitter island will require removal.				
		View of the splitter island		
				
Aerial View of Location				
FURTHER INVESTIGATION RECOMMENDED?		NO	TYPE	N/A
RELATED DOCUMENT NUMBERS		N/A		

ITEM NUMBER	6.9.7	LOCATION	SPLITTER ISLAND ON N17 IN BALLINDINE	
DIRECTION	Continue straight at this junction			
GRID REFERENCE	M 36595 69627			
MODIFICATION AND DESCRIPTION		PHOTOGRAPH OF LOCATION		
Visual inspection indicates that the splitter island is required to be cleared of street furniture.		 View of the splitter island		
 Aerial View of Location				
FURTHER INVESTIGATION RECOMMENDED?		NO	TYPE	N/A
RELATED DOCUMENT NUMBERS		N/A		

6.10. Map extract of survey locations

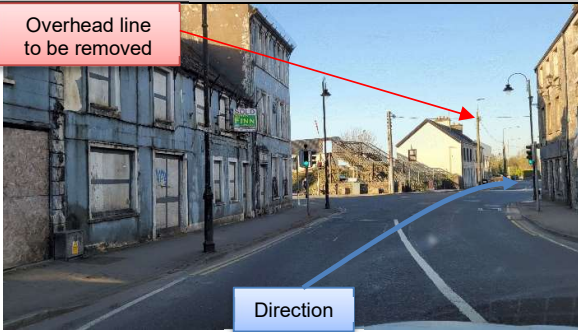


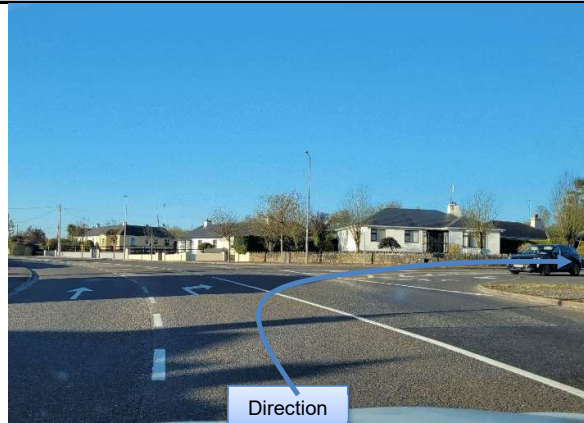
ITEM NUMBER	6.10.1		LOCATION	SECTION OF CLARE ROAD	
DIRECTION	Continue straight at this location				
GRID REFERENCE	M 35319 75799				
MODIFICATION AND DESCRIPTION			PHOTOGRAPH OF LOCATION		
Swept Path Analysis indicates that the road is to be upgraded to the manufacturers specification. Overhanging trees on this section of route are to be pruned back to the road edge.					
			View of road		
					
Veiw of road			View of road		
					
Aerial View of Location					
FURTHER INVESTIGATION RECOMMENDED?			YES	TYPE	Swept Path Analysis
RELATED DOCUMENT NUMBERS			383371-100A		

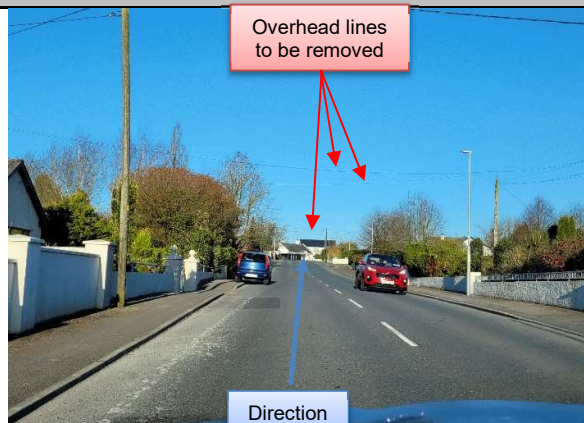
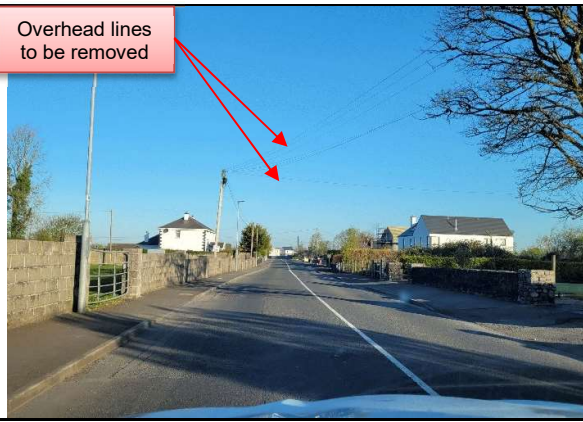
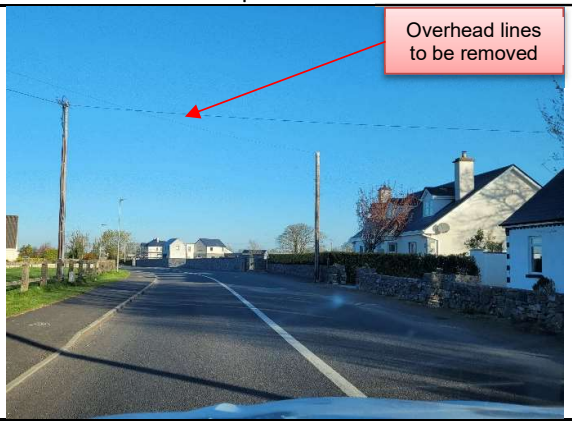
ITEM NUMBER	6.10.2		LOCATION	CLARE ROAD / CLAREMOUNT MANOR JUNCTION	
DIRECTION	Turn left at this location				
GRID REFERENCE	M 34791 76232				
MODIFICATION AND DESCRIPTION			PHOTOGRAPH OF LOCATION		
Swept Path Analysis indicates that a 3-point turn is required at this location to allow the loaded vehicles to navigate the junction. Oversail is required on the side of the junction as shown. Road widening is required as shown on the nearside of the road. The wall on the nearside of Claremount Manor is required to be removed. The blade is required to be lowered after navigating the junction to avoid the removal of overhead lines for approx. 1.6km.					
			View prior junction		
					
View of junction			View after junction		
					
Aerial View of Location					
FURTHER INVESTIGATION RECOMMENDED?			YES	TYPE	Swept Path Analysis
RELATED DOCUMENT NUMBERS			383371-110A		

6.11. Map extract of survey locations

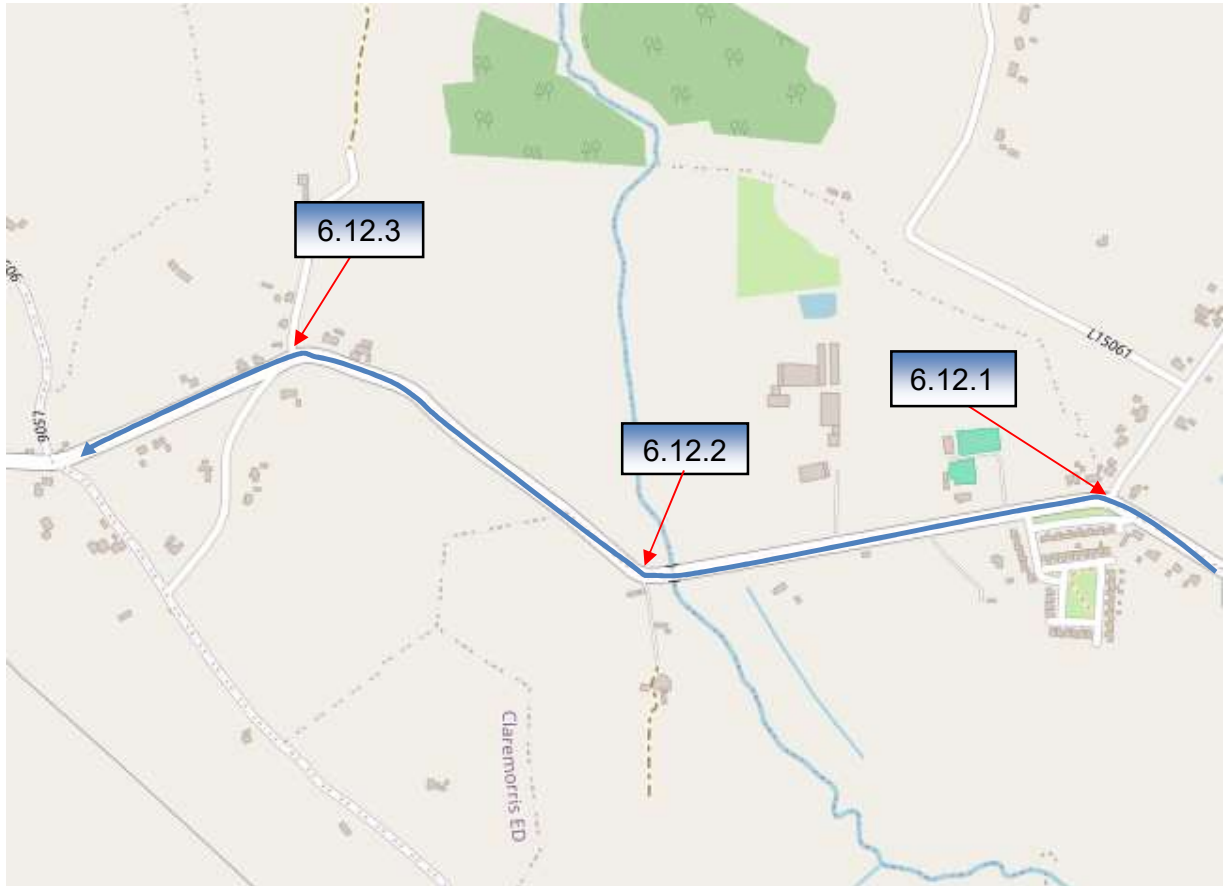


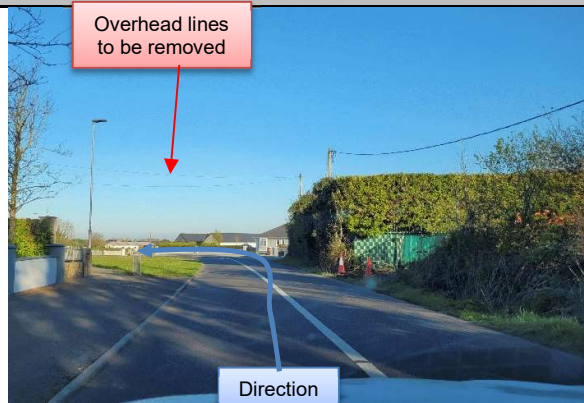
ITEM NUMBER	6.11.1		LOCATION	SERIES OF BENDS / OVERHEAD LINES ON R331 CLAREMORRIS	
DIRECTION	Turn left at this location				
GRID REFERENCE	M 34002 74595				
MODIFICATION AND DESCRIPTION			PHOTOGRAPH OF LOCATION		
Swept Path Analysis indicates that overhead lines are to be removed to allow the raised blade to navigate. The blade is required to be raised prior to the bends in order to navigate successfully.			Overhead line to be removed  Direction		
			View of bend		
 Overhead lines to be removed			 Overhead lines to be removed		
View of bend			View of bend		
					
Aerial View of Location					
FURTHER INVESTIGATION RECOMMENDED?			YES	TYPE	Swept Path Analysis
RELATED DOCUMENT NUMBERS			383371-120A		

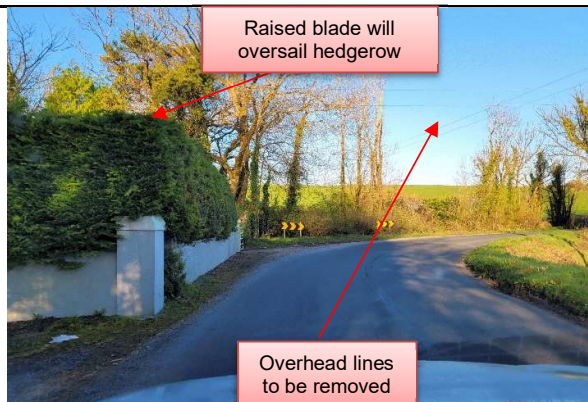
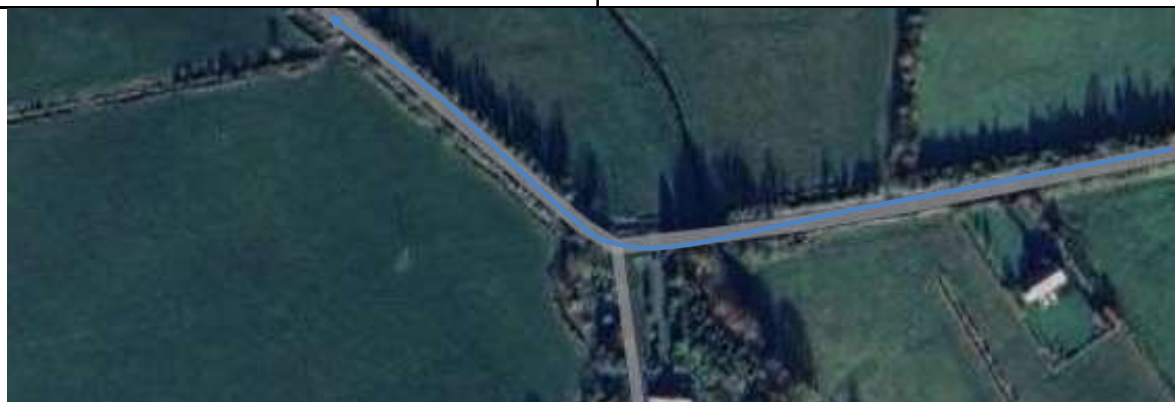
ITEM NUMBER	6.11.2	LOCATION	JUNCTION R331 WITH L1506
DIRECTION	Turn right at this location		
GRID REFERENCE	M 33708 74381		
MODIFICATION AND DESCRIPTION		PHOTOGRAPH OF LOCATION	
Swept Path Analysis indicates that overhead line is to be removed to allow the raised blade to navigate.			
		View of the prior to junction	
			
View of the junction		View after junction	
			
Aerial View of Location			
FURTHER INVESTIGATION UNDERTAKEN?	YES	TYPE	Swept Path Analysis
RELATED DOCUMENT NUMBERS	383371-130A		

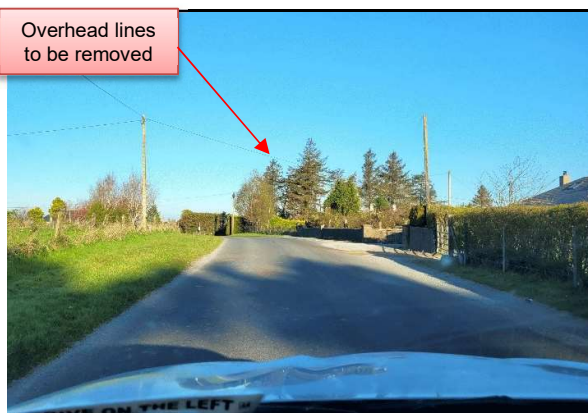
ITEM NUMBER	6.11.3		LOCATION	RIGHT HAND BEND / OVERHEAD LINES ON L1506	
DIRECTION	Continue straight at this location				
GRID REFERENCE	M 33238 74414				
MODIFICATION AND DESCRIPTION			PHOTOGRAPH OF LOCATION		
Swept Path Analysis indicates that overhead lines are to be removed to allow the raised blade to navigate.					
			View prior to bend		
					
View prior to bend			View prior to bend		
					
Aerial View of Location					
FURTHER INVESTIGATION UNDERTAKEN?			YES	TYPE	Swept Path Analysis
RELATED DOCUMENT NUMBERS			383371-140A		

6.12. Map extract of survey locations

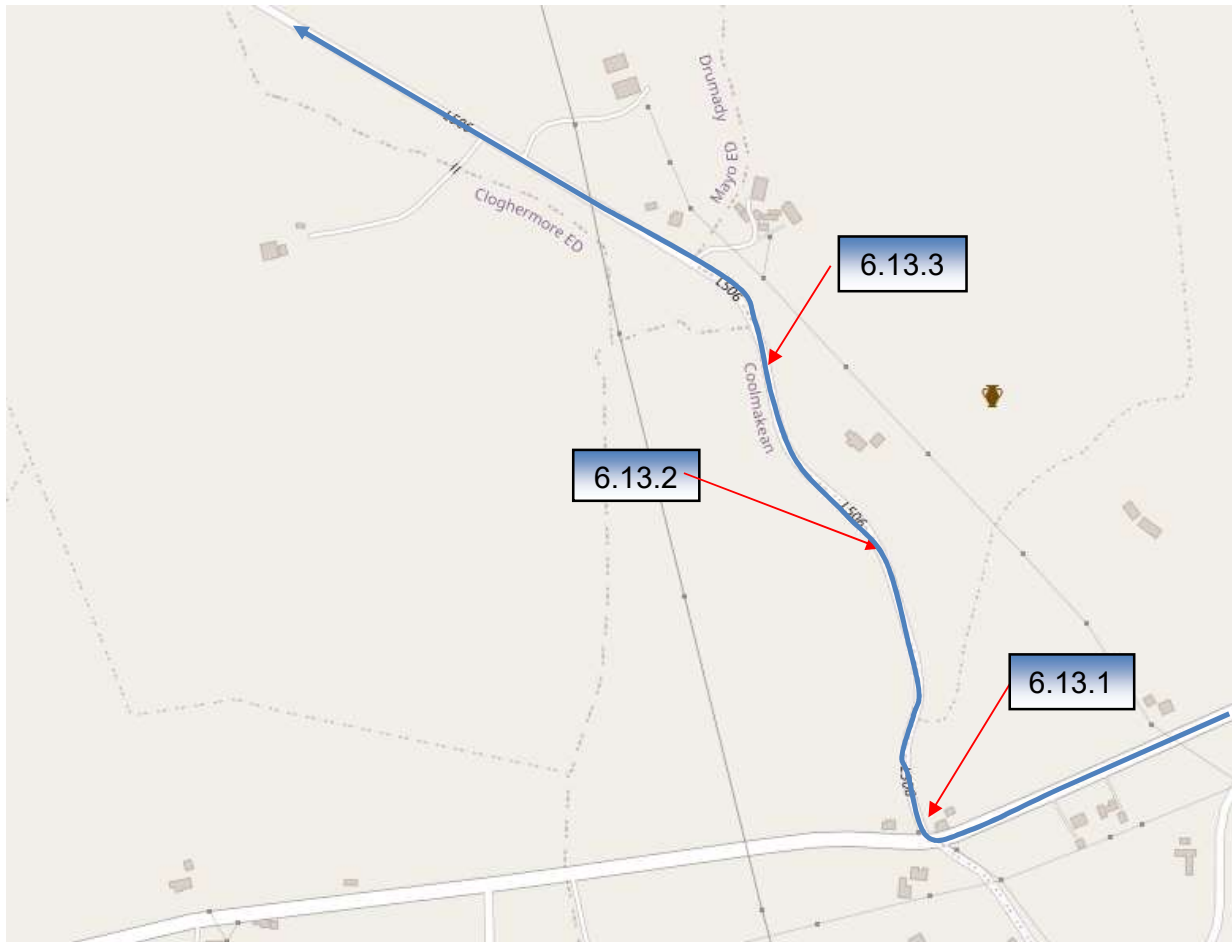


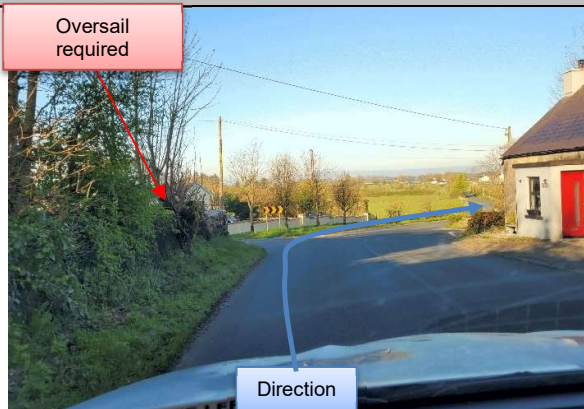
ITEM NUMBER	6.12.1	LOCATION	LEFT HAND BEND L1506	
DIRECTION	Continue straight at this location			
GRID REFERENCE	M 32731 74849			
MODIFICATION AND DESCRIPTION		PHOTOGRAPH OF LOCATION		
Swept Path Analysis indicates that overhead line is to be removed to allow the blades projections to oversail.				
		View prior to bend		
				
View on bend		View after bend		
				
Aerial View of Location				
FURTHER INVESTIGATION UNDERTAKEN?		YES	TYPE	Swept Path Analysis
RELATED DOCUMENT NUMBERS		383371-150A		

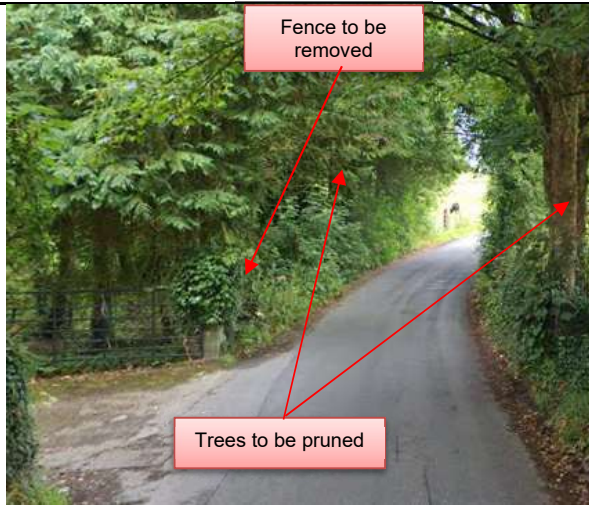
ITEM NUMBER	6.12.2	LOCATION	RIGHT HAND BEND ON L1506	
DIRECTION	Continue straight at this location			
GRID REFERENCE	M 32028 74746			
MODIFICATION AND DESCRIPTION		PHOTOGRAPH OF LOCATION		
Swept Path Analysis indicates that the lowered blade is required to be raised to 60° before navigating the bend as indicated. Oversail is required on the nearside as shown to allow the loaded vehicle to successfully navigate the bridge / bend. Overhead cables are to be removed to allow the blades projections to navigate this location. Tree pruning is required as shown.		Trees to be pruned / removed 		
		View prior to bend		
				
View on bend		View after bend		
				
Aerial View of Location				
FURTHER INVESTIGATION UNDERTAKEN?	YES	TYPE	Swept Path Analysis	
RELATED DOCUMENT NUMBERS	383371-160A			

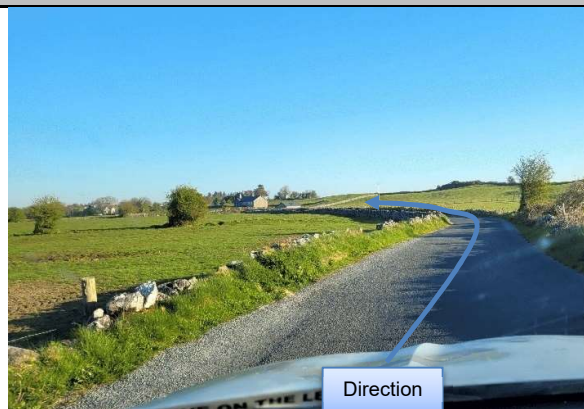
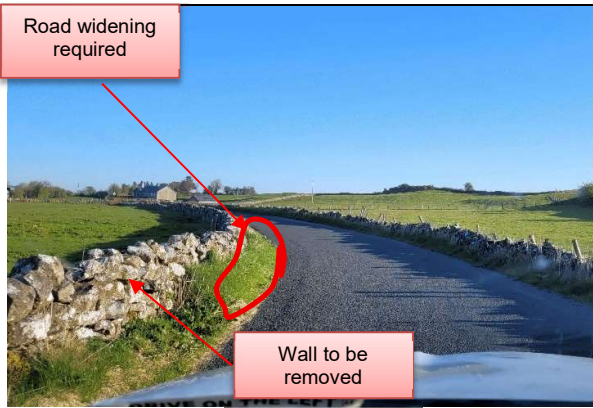
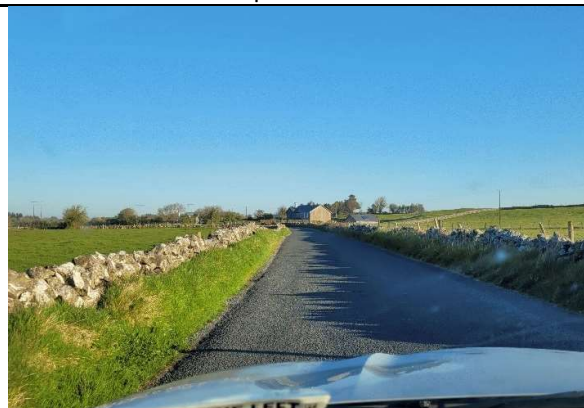
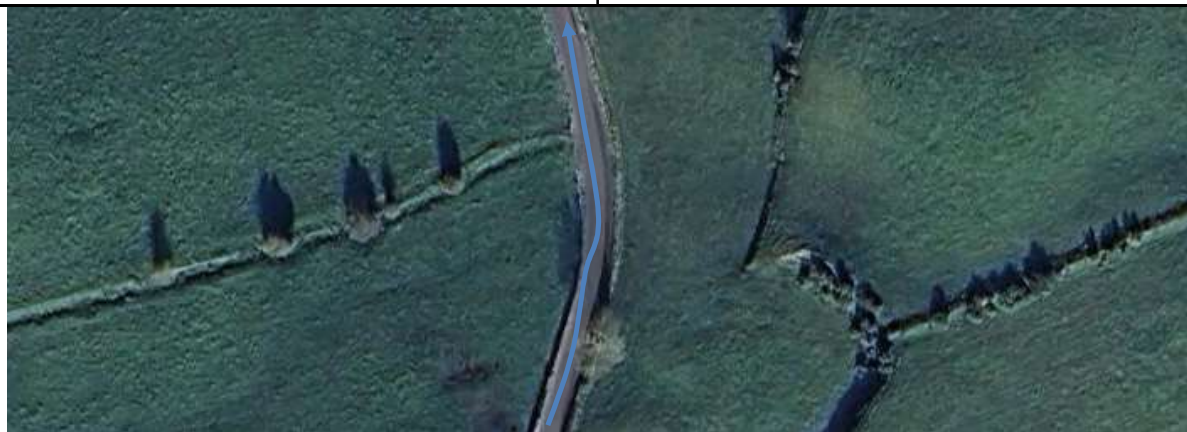
ITEM NUMBER	6.12.3	LOCATION	LEFT HAND BEND ON L1506	
DIRECTION	Continue straight at this location			
GRID REFERENCE	M 31525 75083			
MODIFICATION AND DESCRIPTION		PHOTOGRAPH OF LOCATION		
Swept Path Analysis indicates that trees along this section are to be pruned. Overhead lines along this section are to be removed as shown.		Trees to be pruned 		
		View prior to bend		
Overhead lines to be removed 		Overhead lines to be removed 		
View on bend		View after bend		
				
Aerial View of Location				
FURTHER INVESTIGATION UNDERTAKEN?		YES	TYPE	Swept Path Analysis
RELATED DOCUMENT NUMBERS		383371-170A		

6.13. Map extract of survey locations



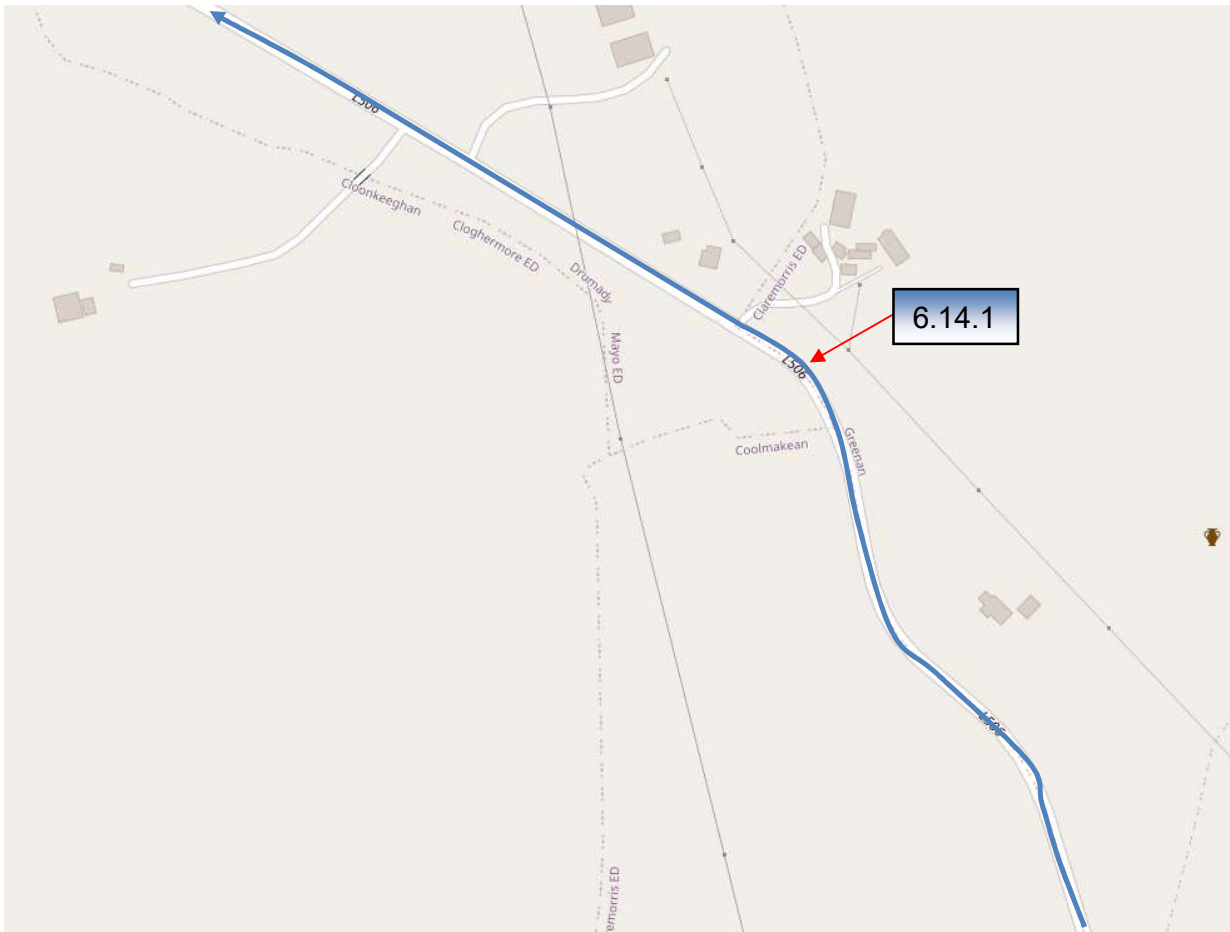
ITEM NUMBER	6.13.1	LOCATION	JUNCTION L1506 / L1505
DIRECTION	Turn right at this location		
GRID REFERENCE	M 31147 74930		
MODIFICATION AND DESCRIPTION		PHOTOGRAPH OF LOCATION	
Swept Path Analysis indicates that third party land is required on the nearside of the L1506 and the offside of L1505 as shown. Road widening is required as shown. Road sign on the near side of the road is to be removed. Tree pruning is required on both sides of the road as shown. The overhead lines across the junction are required to be removed.		Oversail required  Direction View prior to junction	
Trees to be pruned  Overhead lines to be removed View on junction		 View after junction	
 Aerial View of Location			
FURTHER INVESTIGATION UNDERTAKEN?	YES	TYPE	Swept Path Analysis
RELATED DOCUMENT NUMBERS	383371-180A		

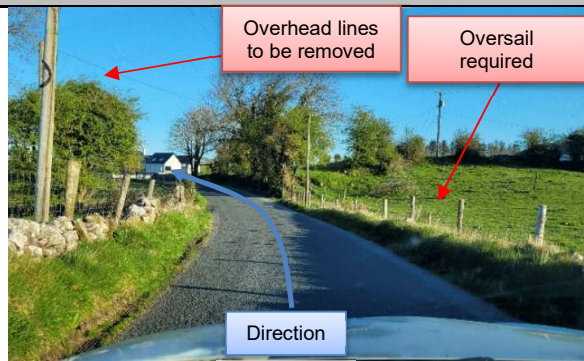
ITEM NUMBER	6.13.1	LOCATION	JUNCTION L1506 / L1505
DIRECTION	Turn right at this location		
GRID REFERENCE	M 31147 74930		
MODIFICATION AND DESCRIPTION	PHOTOGRAPH OF LOCATION		
Road widening is required as shown. Extension of the existing culvert will be required on the nearside of the road on L1506. Road sign on the near side of the road is to be removed. Tree pruning is required on both sides of the road as shown. The overhead lines across the junction are required to be removed.	 View prior to junction		
 View on junction	 View after Junction	 Aerial View of Location	
FURTHER INVESTIGATION UNDERTAKEN?	YES	TYPE	Swept Path Analysis
RELATED DOCUMENT NUMBERS	383371-180A		

ITEM NUMBER	6.13.2	LOCATION	LEFT HAND BEND ON L1505	
DIRECTION	Continue straight at this location			
GRID REFERENCE	M 31135 75061			
MODIFICATION AND DESCRIPTION		PHOTOGRAPH OF LOCATION		
Road widening is required on the nearside of the road as shown. The wall on the nearside of the road is to be removed as shown.				
		View prior to bend		
				
View on bend		View after bend		
				
Aerial View of Location				
FURTHER INVESTIGATION UNDERTAKEN?		YES	TYPE	Swept Path Analysis
RELATED DOCUMENT NUMBERS		383371-190A		

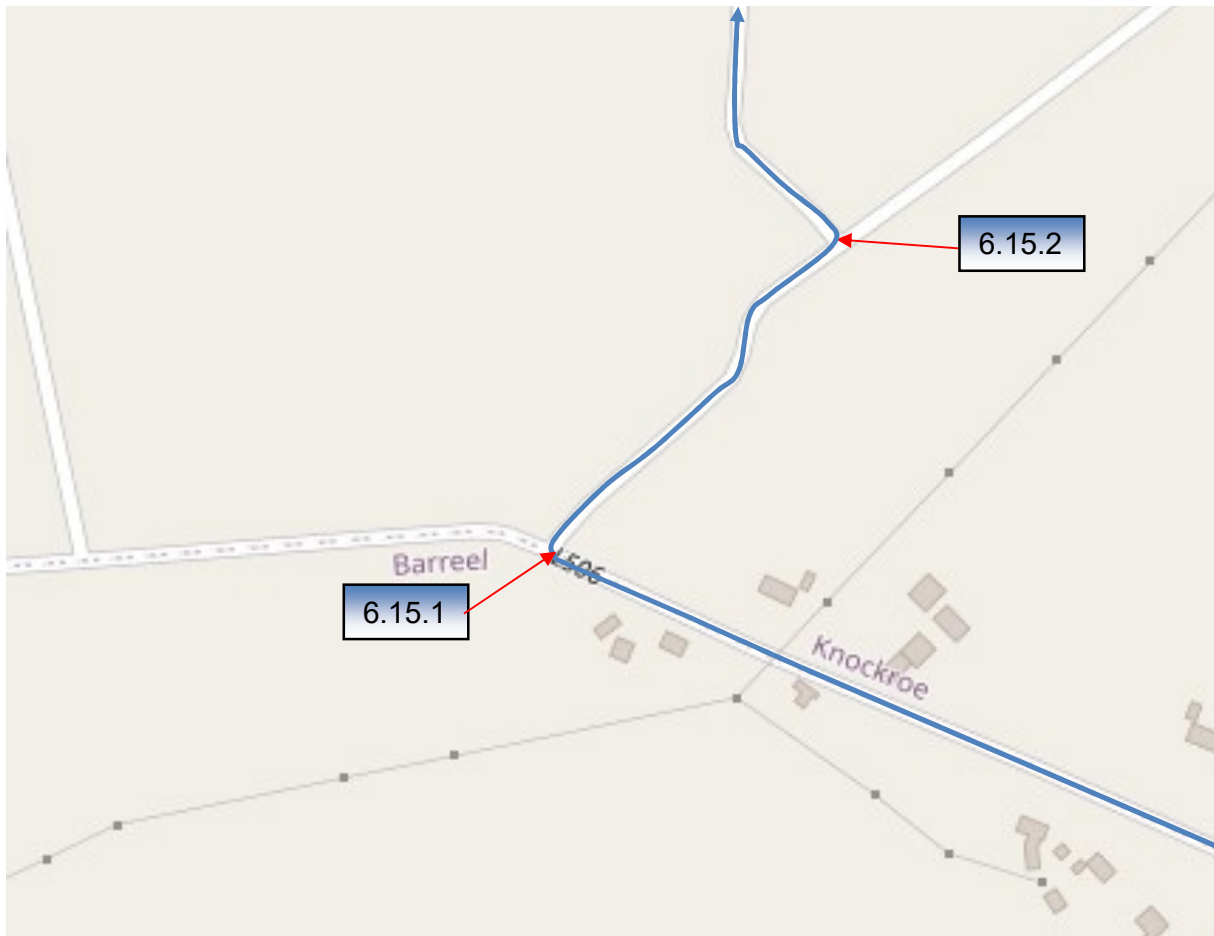
ITEM NUMBER	6.13.3	LOCATION	S-BEND ON L1505 TOWARDS SITE
DIRECTION	Continue straight at this location		
GRID REFERENCE	M 30980 75416		
MODIFICATION AND DESCRIPTION		PHOTOGRAPH OF LOCATION	
Fence on the offside of the road is to be removed as shown. Wall on the offside of the road is to be removed as shown. Gate is to be removed on the nearside of the road.		 Direction View prior to bend	
 Oversail required View on bend		 View after bend	
 Aerial View of Location			
FURTHER INVESTIGATION UNDERTAKEN?	YES	TYPE	Swept Path Analysis
RELATED DOCUMENT NUMBERS	383371-200A		

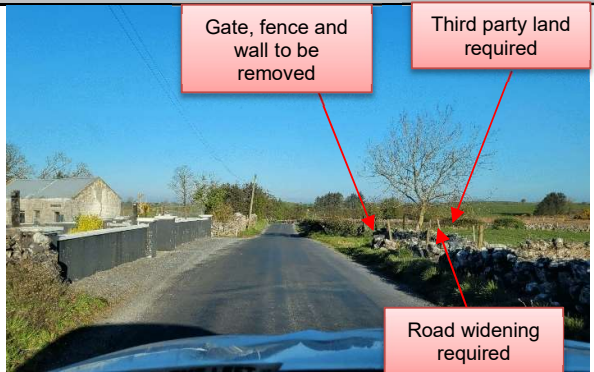
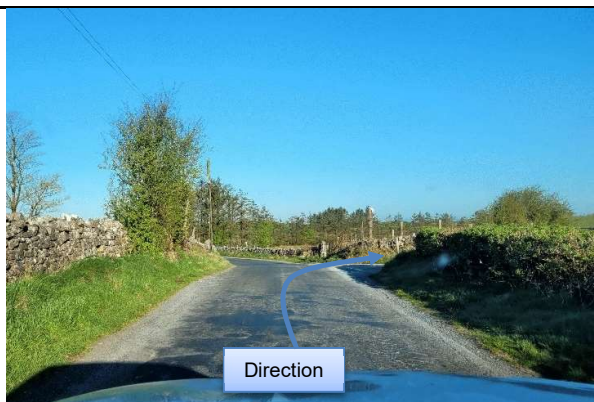
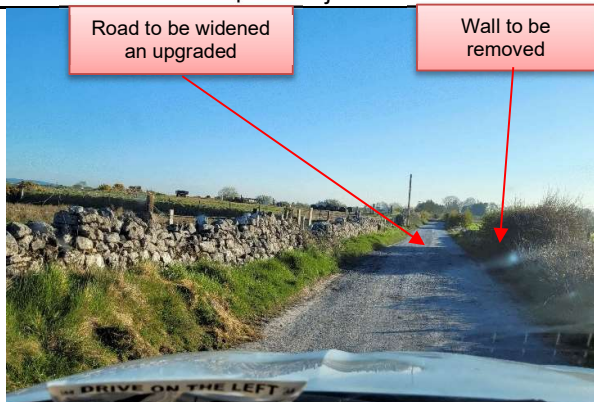
6.14. Map extract of survey locations



ITEM NUMBER	6.14.1	LOCATION	LEFT HAND BEND AFTER S-BEND ON L1505	
DIRECTION	Continue straight at this location			
GRID REFERENCE	M 30980 75416			
MODIFICATION AND DESCRIPTION		PHOTOGRAPH OF LOCATION		
Swept Path Analysis indicates that road widening is required on the offside of the junction to allow the loaded vehicle to navigate. The blade is required to be lowered after navigating the bend to avoid the removal of overhead lines for approx. 3.0km to the site entrance.				
		View prior to bend		
				
View on bend		View after bend		
				
Aerial View of Location				
FURTHER INVESTIGATION UNDERTAKEN?	YES	TYPE	Swept Path Analysis	
RELATED DOCUMENT NUMBERS	383371-210A			

6.15. Map extract of survey locations



ITEM NUMBER	6.15.1	LOCATION	L1505 – SITE ACCESS JUNCTION
DIRECTION	Turn right at this location		
GRID REFERENCE	M 28316 76987		
MODIFICATION AND DESCRIPTION	PHOTOGRAPH OF LOCATION		
Swept Path Analysis indicates that third party land is required on both sides of the road. Road widening is required on the offside of the junction to allow the loaded vehicle to navigate. The wall, gate and hedge section on the offside of the L1505 are required to be removed. The wall and fence on the offside of the L15053 are required to be removed.	 Gate, fence and wall to be removed Third party land required Road widening required View prior to junction		
	 Direction View on junction		
	 Road to be widened an upgraded Wall to be removed View after junction		
	 Aerial View of Location		
FURTHER INVESTIGATION UNDERTAKEN?	YES	TYPE	Swept Path Analysis
RELATED DOCUMENT NUMBERS	383371-220A		

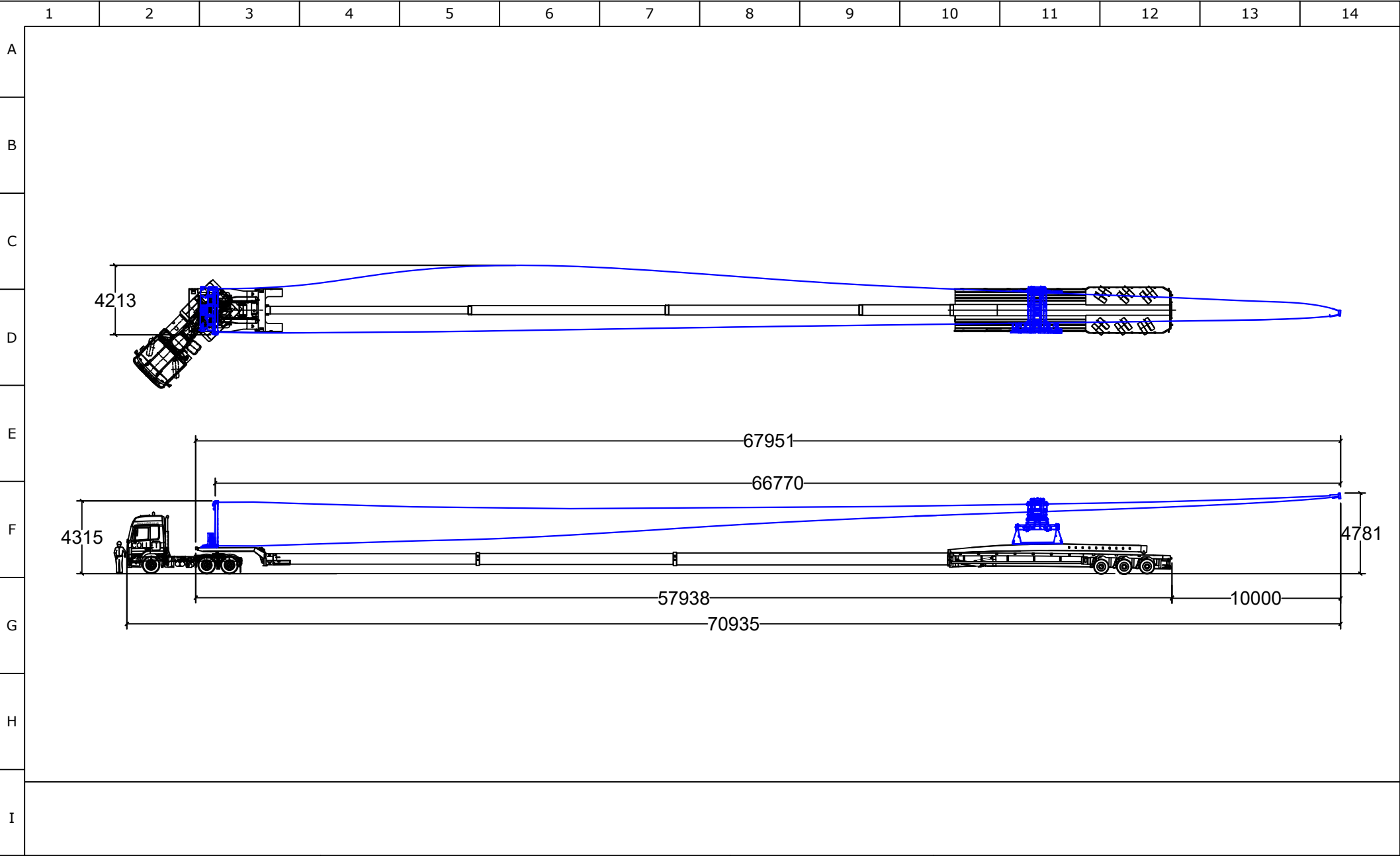
ITEM NUMBER	6.15.2	LOCATION	SITE ACCESS JUNCTION
DIRECTION	Turn left at this location		
GRID REFERENCE	M 28458 77133		
MODIFICATION AND DESCRIPTION		PHOTOGRAPH OF LOCATION	
Swept Path Analysis indicates that third party land is required on both sides of the road. Road widening is required as shown this area is required to be cleared and prepared to accept suitable axle loadings. The indicated fences and walls on the nearside are to be removed as indicated. Any overhead obstruction is required to be removed to allow the raised blade to navigate.			
		View of junction	
			
		View of junction	
			
Aerial View of Location			
FURTHER INVESTIGATION UNDERTAKEN?	YES	TYPE	Swept Path Analysis
RELATED DOCUMENT NUMBERS	383371-230A		

7. Important Notes

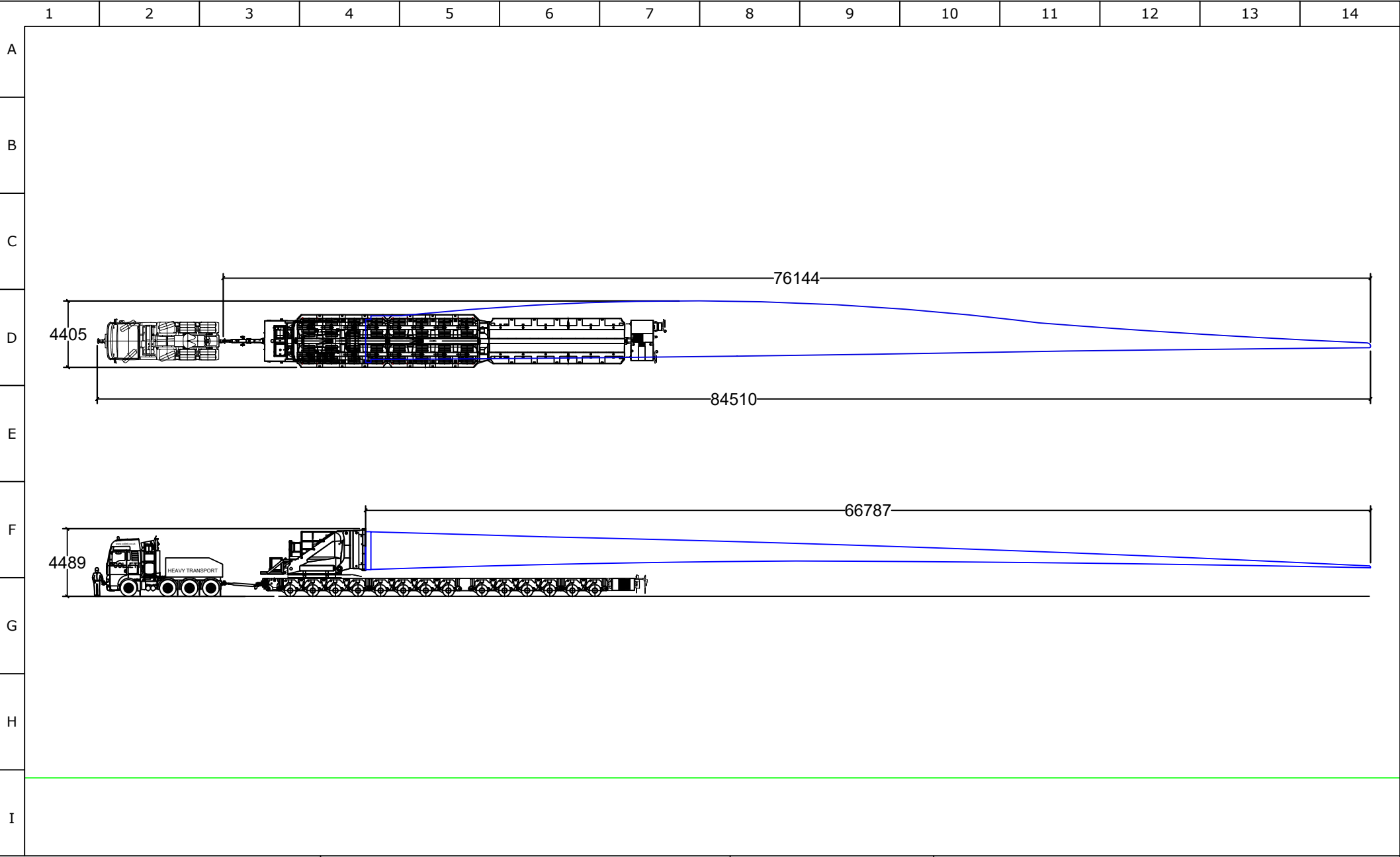
- 7.1. The recommendations in this report are made from a purely transport orientated view, and do not consider any political issues in terms of land ownership, or any other precincts raised that may otherwise be restrictive.
- 7.2. The information contained in this report is privileged and confidential and is for the exclusive use of the client nominated herein.
- 7.3. A Police escort or pilot car will be required in order to assist with traffic control for the entire route surveyed.
- 7.4. Permits will be required for the movement of all loads. These permits are at the discretion of the Highways Agency (H.A). Therefore, approval of these permits by the H.A is a major consideration before any movements can be undertaken.
- 7.5. It is recommended to have adequate warning signs implemented to warn other road users at critical points.
- 7.6. All hedges, shrubs, bushes, trees and overhanging branches along the nominated routes must be trimmed to allow a suitable minimum envelope.
- 7.7. All street furniture, signage etc. along the nominated route must be removed to allow a suitable minimum envelope on the road. Other specific street furniture has been nominated in this report to facilitate over-sailed and swept areas.
- 7.8. The turbine manufactures transport guidance notes will state the minimum road width required for the transport of components. Any roads below this stated width will require widening to reflect this.
- 7.9. In areas where land take or road widening is required, the road construction must be formed to the minimum specification suitable for the transfer of axle loadings up to 16Te, the road construction must be formed to the minimum specification contained in the selected manufacturers transport and erection guidance notes.
- 7.10. Overhead utility cables have not been measured as part of this survey and correspondence with the utility companies regarding cable heights and possible remedial solutions should be undertaken prior to any delivery.
- 7.11. It should be noted that all assessments and inspections have been done so with the intention of producing information to highlight anticipated problems. This includes highlighting of potential land take requirements, possible street furniture implications, and highway alignment issues.
- 7.12. Land take is usually referred to when land is required from private land owners; road widening is usually referred to when land is required within highways boundaries. However, the details of the nominated land take and road widening contained in this report are highlighting the expected areas of concern, and can only be confirmed by swept path analysis. The boundaries between private land and highways property are assumed by using obvious demarcation such as fence lines/hedges etc. It should be noted that actual boundaries between highways and private land are not substantiated in this report and can only be authenticated by carrying out land searches.
- 7.13. All inspections and assessments are made for the road movement of loaded trailer equipment carrying specific storage tank components. These dimensions are based on the turning circles and specification of Collett & Sons trailer equipment.
- 7.14. All route inspections and assessments, and subsequent conclusions and recommendations are deemed accurate by Collett & Sons Limited at the date that this report is created. We cannot be held responsible for the development of future road schemes or alterations to the routes surveyed that may leave this report inaccurate.
- 7.15. This report is based solely on a preliminary visual inspection. Nothing in this report shall be construed in any way as committing Collett & Sons Limited to being able to deliver to site using this route before further structural analysis has been undertaken, and any accommodation/remedial works undertaken which are to Collett & Sons satisfaction.

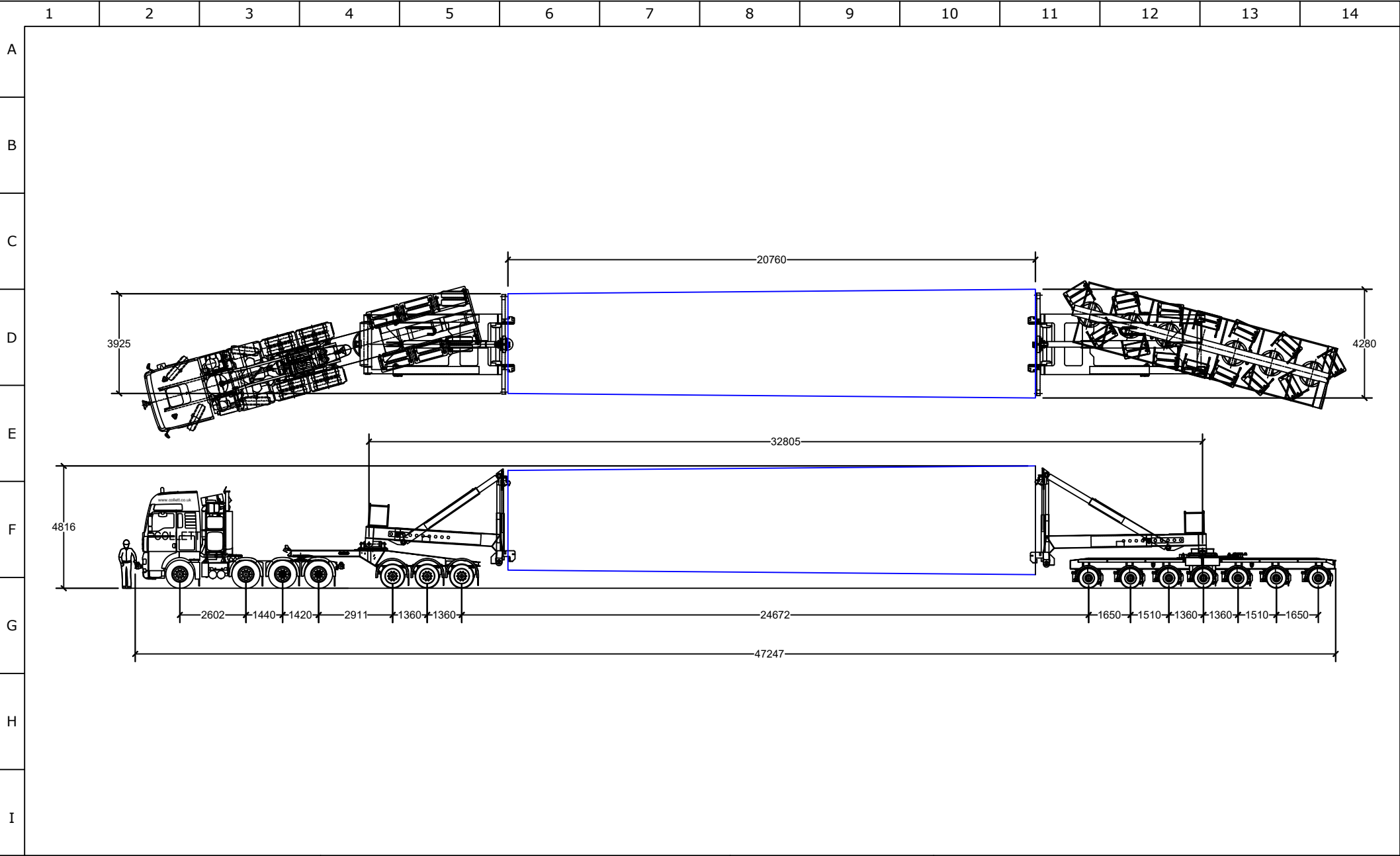
APPENDIX 1

LOADED CONFIGURATION DRAWINGS

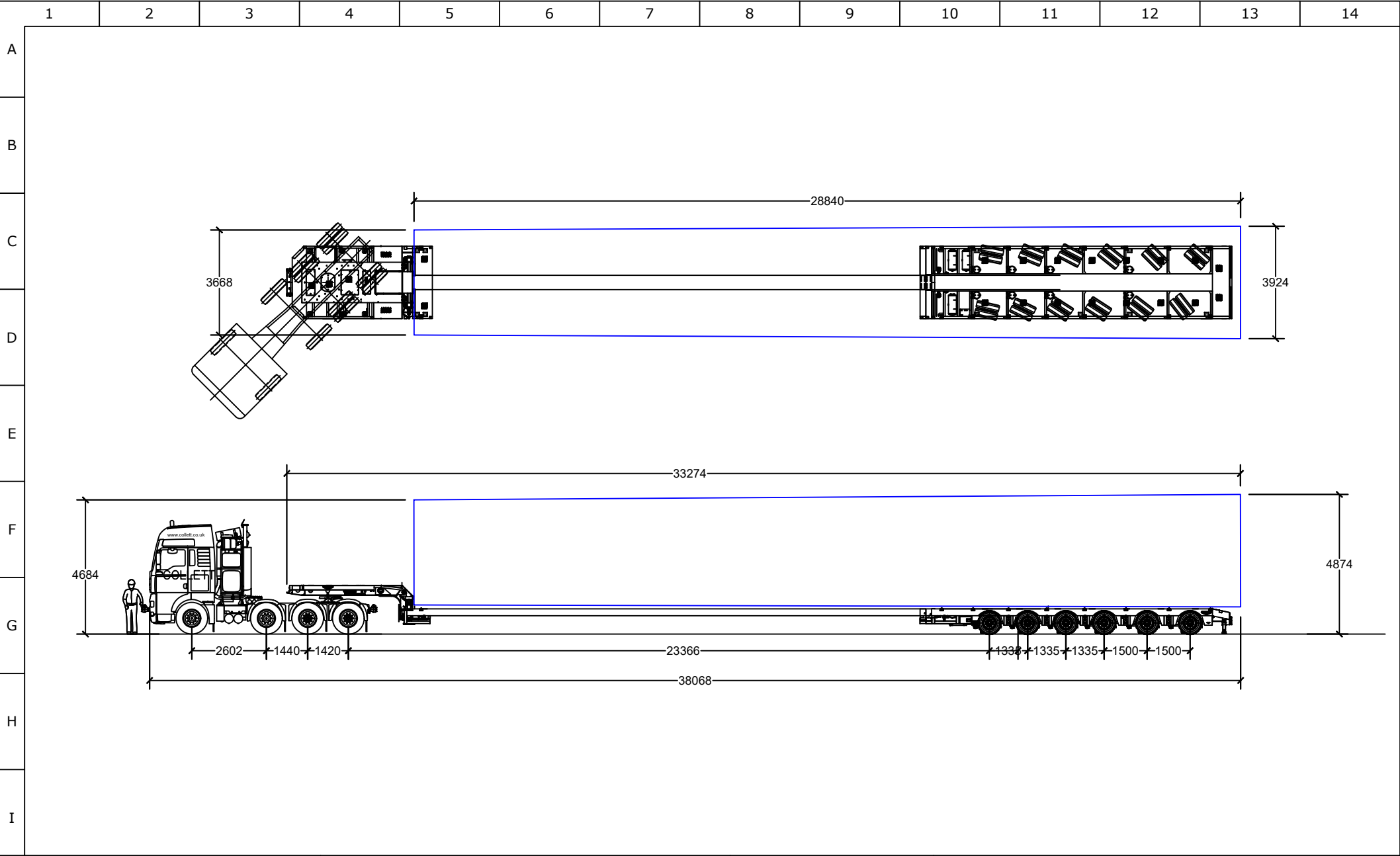


COLLETT EXPERTS IN MOTION	COLLETT & SONS LIMITED		DRAWN J.HALSTEAD		TITLE VESTAS V136 BLADE - SUPERWING CARRIER	
	Victoria Terminal		DATE 15/05/2025		SITE CUNLAGHFADDA WIND FARM	
	TEL: +44(0)8456 255288		SCALE N/A		CUSTOMER CUNLAGHFADDA GREEN ENERGY	
	Albert Road FAX: +44(0)8456 255244		SIZE A4		DRG No. 383371-A	
	Halifax, HX2 0DF WEB: www.collett.co.uk					

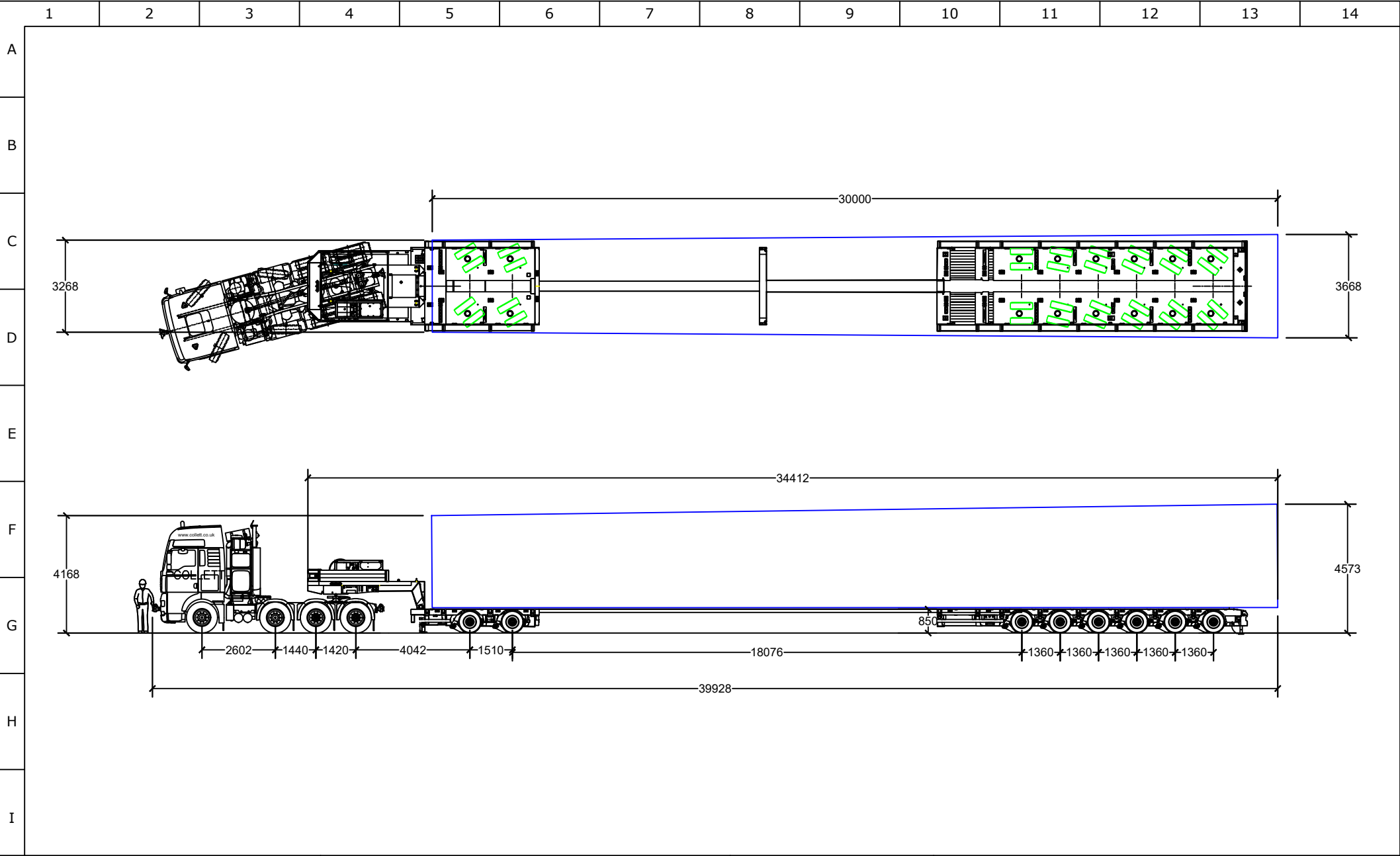




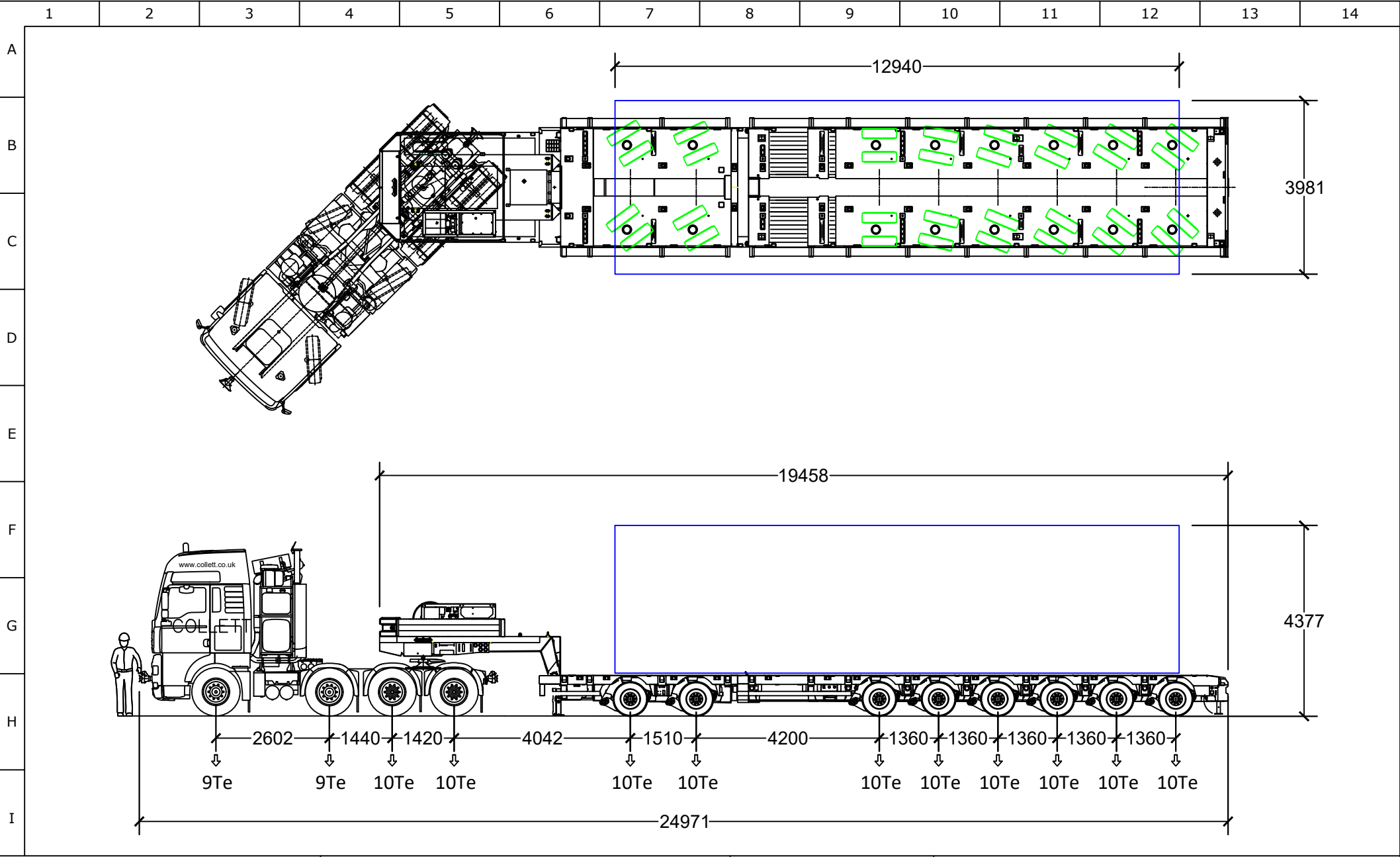
COLLETT EXPERTS IN MOTION	COLLETT & SONS LIMITED		DRAWN J.HALSTEAD		TITLE VESTAS V136 BOTTOM TOWER SECTION	
	Victoria TerminalTEL: +44(0)8456 255288		DATE 15/05/2025		SITE CUNLAGHFADDA WIND FARM	
	Albert Road FAX: +44(0)8456 255244		SCALE N/A		CUSTOMER CUNLAGHFADDA GREEN ENERGY	
	Halifax, HX2 0DF WEB: www.collett.co.uk		SIZE A4		DRG No. 383371-B	



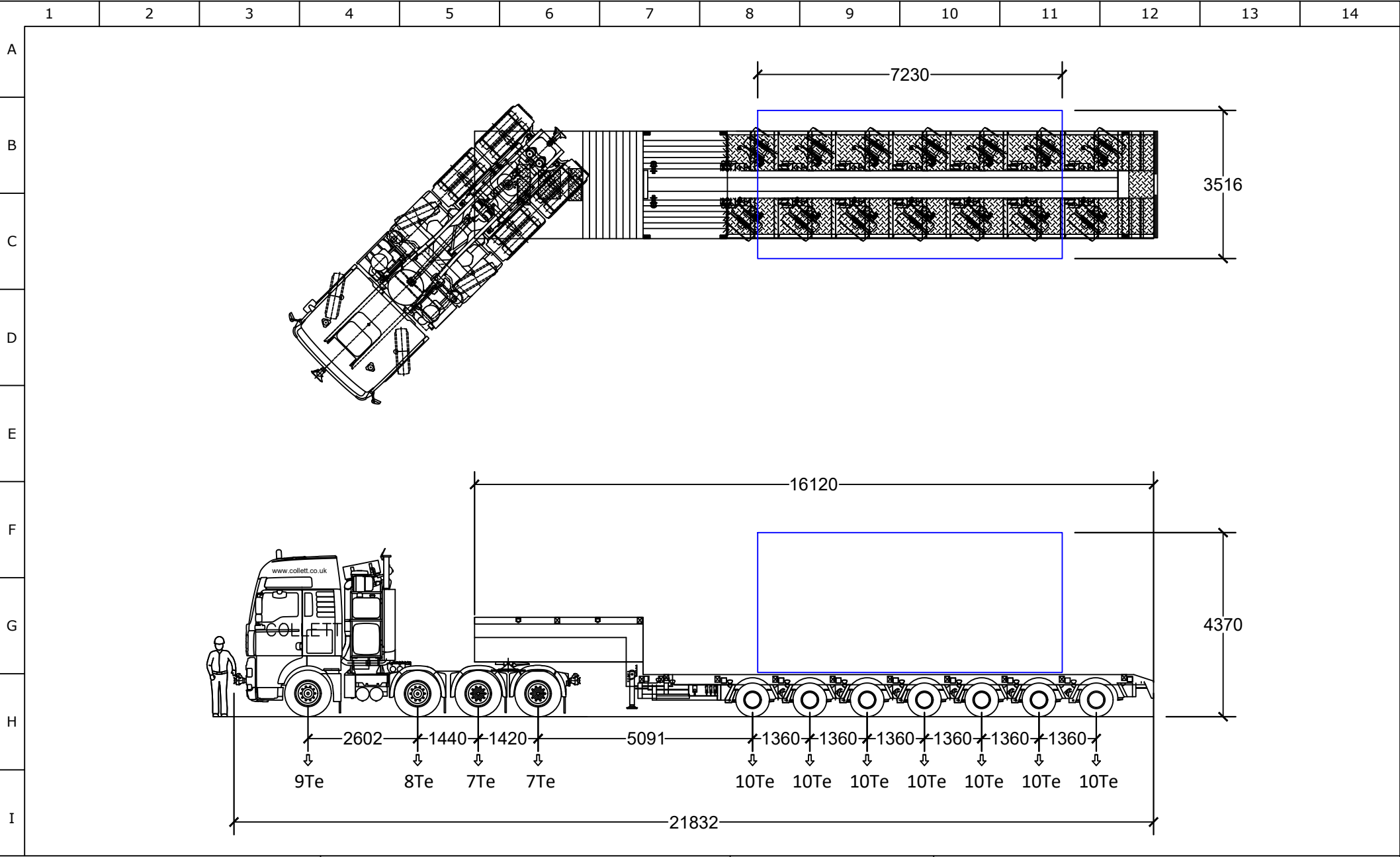
COLLETT EXPERTS IN MOTION	COLLETT & SONS LIMITED Victoria Terminal Albert Road Halifax, HX2 0DF TEL: +44(0)8456 255288 FAX: +44(0)8456 255244 WEB: www.collett.co.uk	DRAWN	J.HALSTEAD	TITLE		VESTAS V136 MIDDLE TOWER SECTION
		DATE	15/05/2025	SITE		CUNLAGHFADDA WIND FARM
		SCALE	N/A	SIZE	A4	CUSTOMER
		CUNLAGHFADDA GREEN ENERGY				DRG No. 383371-C



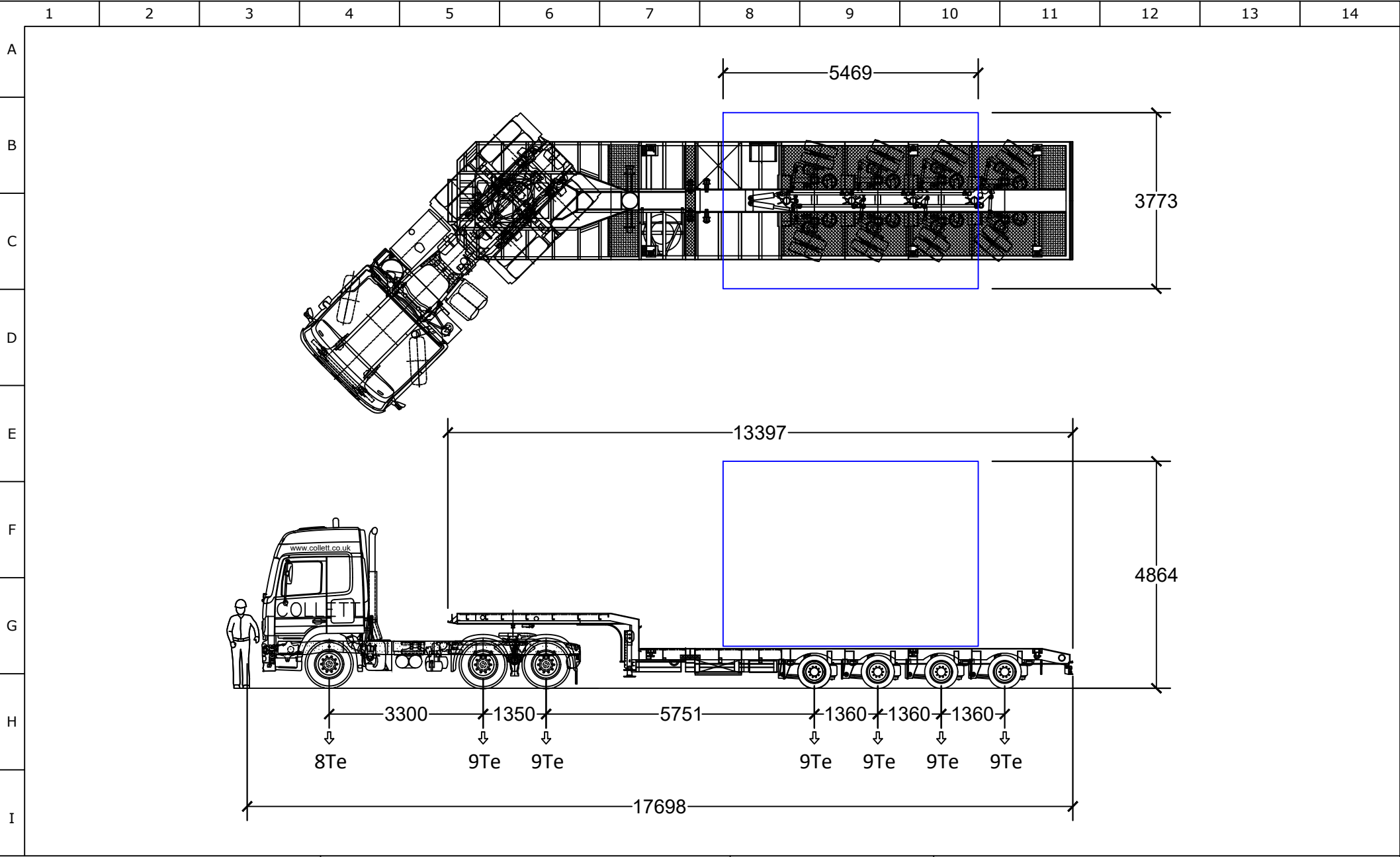
COLLETT EXPERTS IN MOTION	COLLETT & SONS LIMITED Victoria Terminal Albert Road Halifax, HX2 0DF TEL: +44(0)8456 255288 FAX: +44(0)8456 255244 WEB: www.collett.co.uk	DRAWN J. HALSTEAD		TITLE VESTAS V136 TOP TOWER SECTION	
		DATE 15/05/2025		SITE CUNLAGHFADDA WIND FARM	
		SCALE N/A	SIZE A4	CUSTOMER CUNLAGHFADDA GREEN ENERGY	
					DRG No. 383371-D



COLLETT EXPERTS IN MOTION	COLLETT & SONS LIMITED Victoria Terminal Albert Road Halifax, HX2 0DF TEL: +44(0)8456 255288 FAX: +44(0)8456 255244 WEB: www.collett.co.uk	DRAWN	J.HALSTEAD		TITLE		VESTAS V136 NACELLE	
		DATE	15/05/2025		SITE		CUNLAGHFADDA WIND FARM	
		SCALE	N/A	SIZE	A4	CUSTOMER		DRG No.
				CUNLAGHFADDA GREEN ENERGY		383371-E		



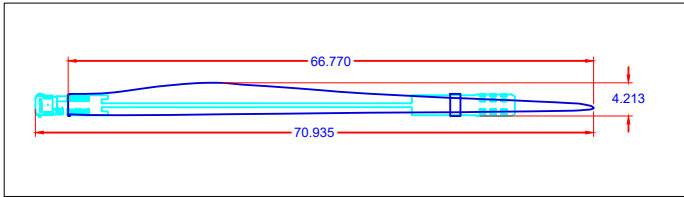
COLLETT EXPERTS IN MOTION	COLLETT & SONS LIMITED Victoria Terminal Albert Road Halifax, HX2 0DF TEL: +44(0)8456 255288 FAX: +44(0)8456 255244 WEB: www.collett.co.uk	DRAWN	J.HALSTEAD	TITLE		VESTAS V136 DRIVETRAIN
		DATE	15/05/2025	SITE		CUNLAGHFADDA WIND FARM
		SCALE	N/A	SIZE	A4	CUSTOMER
		CUNLAGHFADDA GREEN ENERGY				DRG No. 383371-F



COLLETT EXPERTS IN MOTION	COLLETT & SONS LIMITED Victoria Terminal Albert Road Halifax, HX2 0DF TEL: +44(0)8456 255288 FAX: +44(0)8456 255244 WEB: www.collett.co.uk	DRAWN J. HALSTEAD		TITLE VESTAS V136 HUB	
		DATE 15/05/2025		SITE CUNLAGHFADDA WIND FARM	
		SCALE N/A	SIZE A4	CUSTOMER CUNLAGHFADDA GREEN ENERGY	
					DRG No. 383371-G

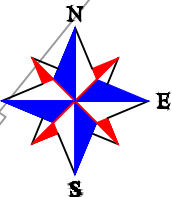
APPENDIX 2

SWEPT PATH ANALYSIS DRAWINGS



Swept Path indicates trailer utilising MANUAL steering

Vestas
V136 Blade Component
Super Wing Carrier



Exit the port via the existing exit.

****Caution****

- The temporary fencing is required to be removed as indicated.
- The area within port is required to be cleared as indicated.

Irish Grid Reference: M 30178 24930

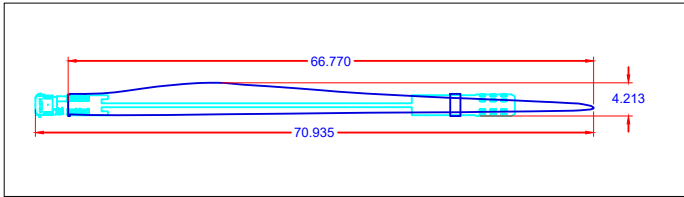
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- The information is privileged and confidential and is for the exclusive use of the nominated client.
- All dimensions in meters
- © Crown copyright and database rights 2014. Ordnance Survey 100041040 (BLACKWELLS)
- © Crown copyright and database rights 2014. Ordnance Survey 0100031673 (EMAP)

- Area within red outline will be swept by tractor and trailer axles
- ▨ Hatched area within red outline to be levelled and prepared to accept axle loadings
- Area within magenta outline will be oversailed by load and projections
- Area within green outline will be oversailed by trailer body



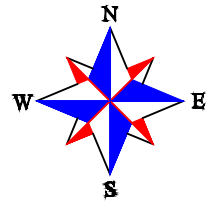
COLLETT & SONS LIMITED
Victoria Terminal TEL: +44(0)8456 255288
Albert Road FAX: +44(0)8456 255244
Halifax, HX2 0DF WEB: www.collett.co.uk

NAME		S.BUDGEN		TITLE				GALWAY PORT EXIT	
DATE		19/05/2025		MAPPING		OS MAPPING DATA		CUSTOMER	
SCALE		NTS		SIZE		A3		PINCH POINT IDENTIFIED BY	
						COLLETT		SITE	
								CUNLAGHFADDA	
								DWG. NO. 383371-10A1.1	



Swept Path indicates trailer utilising MANUAL steering

Vestas
V136 Blade Component
Super Wing Carrier



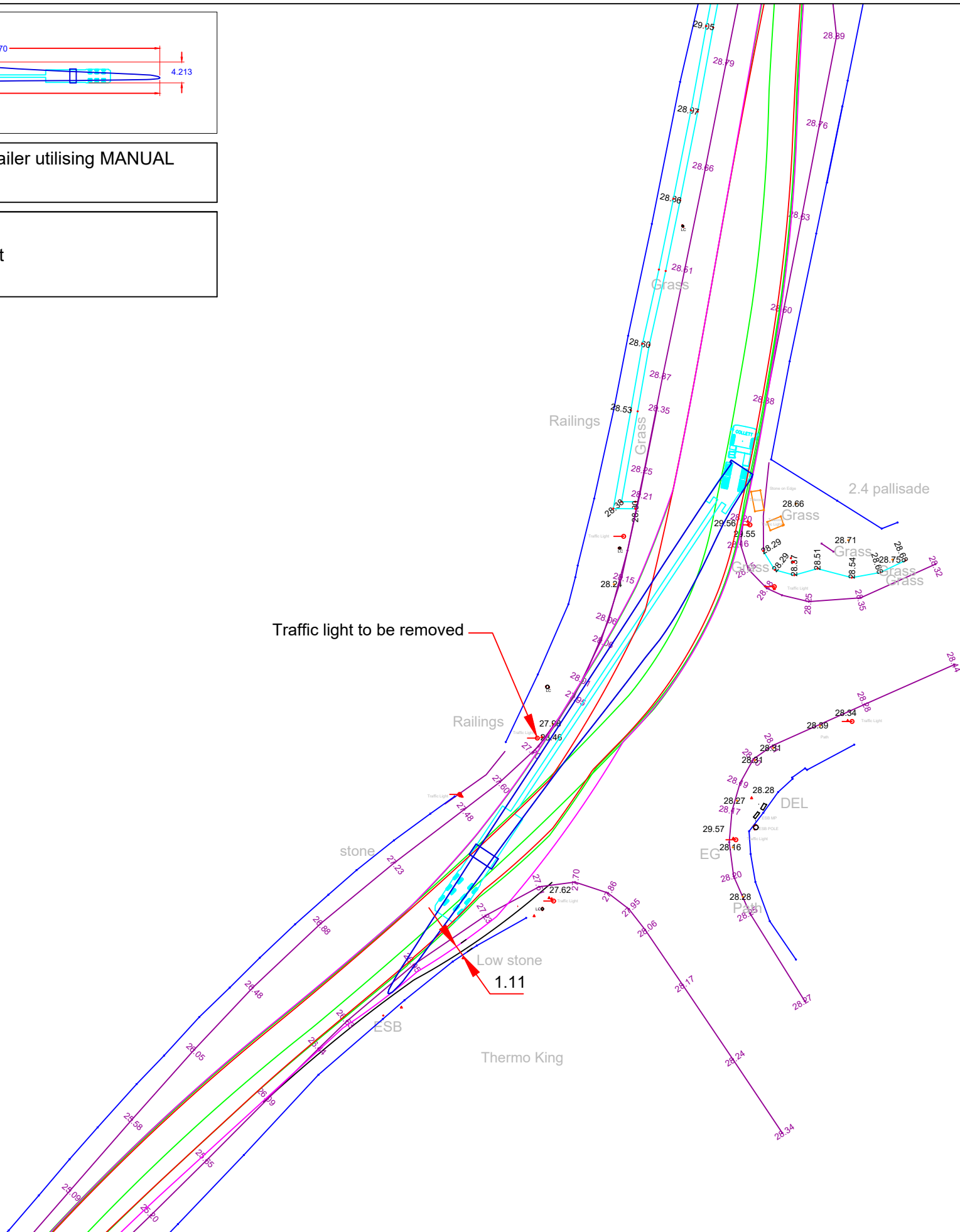
Continue on R339 to junction with Connolly Avenue.
At junction, turn left onto Connolly Avenue.

- The traffic light on the offside is required to be removed as indicated.

Irish Grid Reference: M 31786 26676

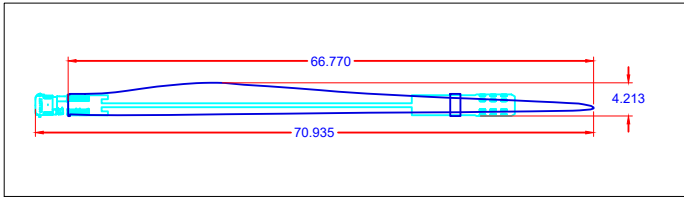
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- © Crown copyright and database rights 2014. Ordnance Survey 100041040 (BLACKWELLS)
- © Crown copyright and database rights 2014. Ordnance Survey 0100031673 (EMAP)

- Area within red outline will be swept by tractor and trailer axles
- Hatched area within red outline to be levelled and prepared to accept axle loadings
- Area within magenta outline will be oversailed by load and projections
- Area within green outline will be oversailed by trailer body



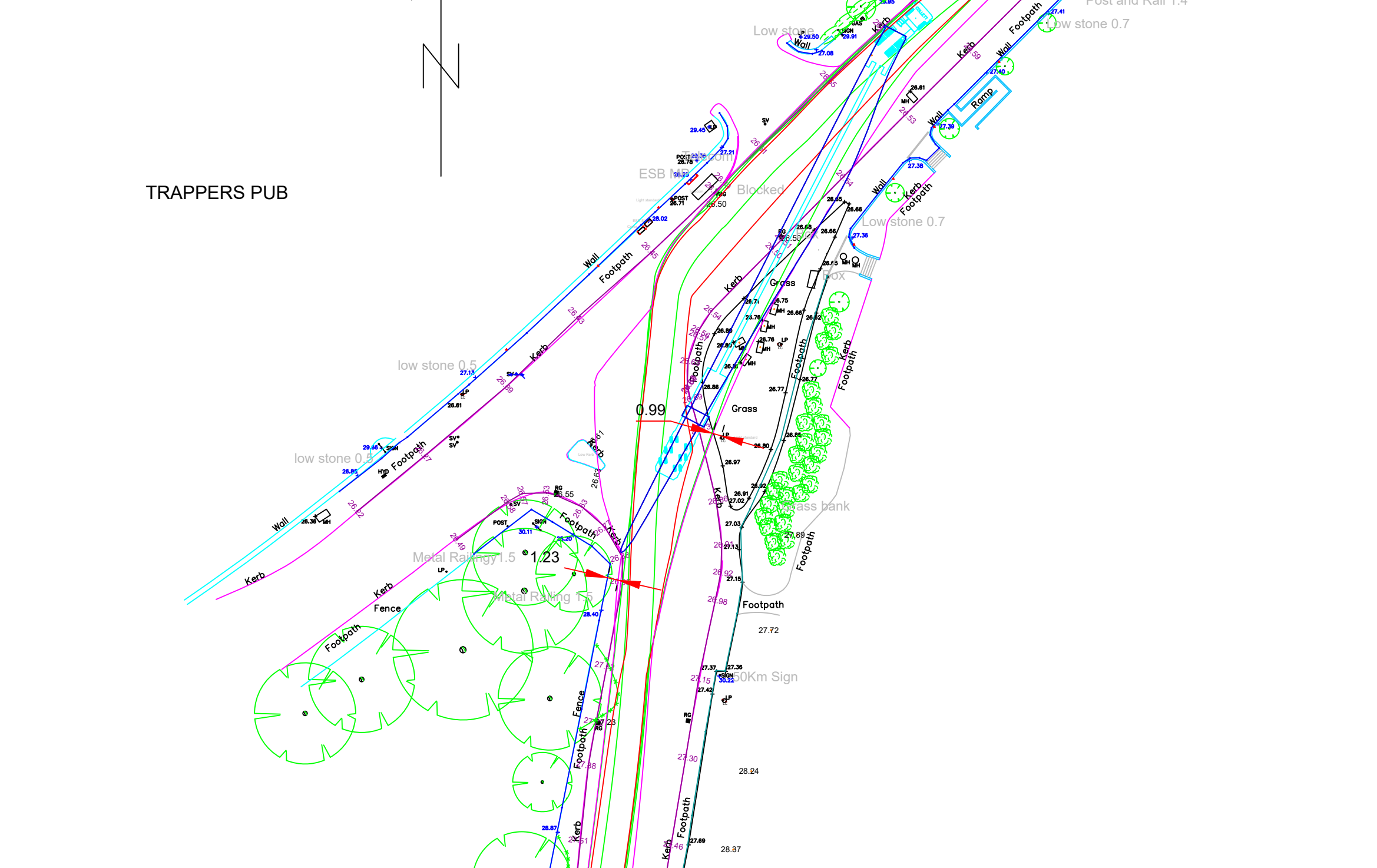
COLLETT & SONS LIMITED
Victoria Terminal TEL: +44(0)8456 255288
Albert Road FAX: +44(0)8456 255244
Halifax, HX2 0DF WEB: www.collett.co.uk

NAME		S.BUDGEN		TITLE		R339/CONNOLLY AVENUE JUNCTION	
DATE		19/05/2025		MAPPING	TOPOGRAPHICAL DATA	CUSTOMER	CUNLAGHFADDA GREEN ENERGY
SCALE	NTS	SIZE	A3	PINCH POINT IDENTIFIED BY	COLLETT	SITE	CUNLAGHFADDA
						DWG. NO.	383371-20A1.1



Swept Path indicates trailer utilising MANUAL steering

Vestas
V136 Blade Component
Super Wing Carrier



Continue on Connolly Avenue to junction with R336.
At junction, turn right onto R336.

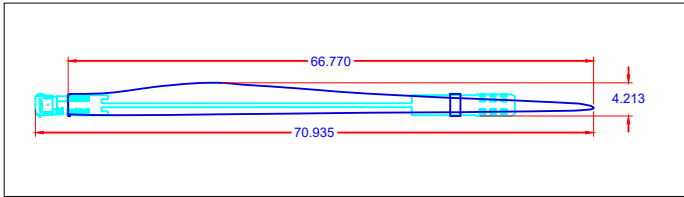
****Caution****

- The loaded vehicle will navigate this junction utilising manual steering.

Irish Grid Reference: M 31840 26985

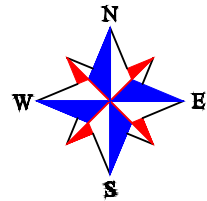
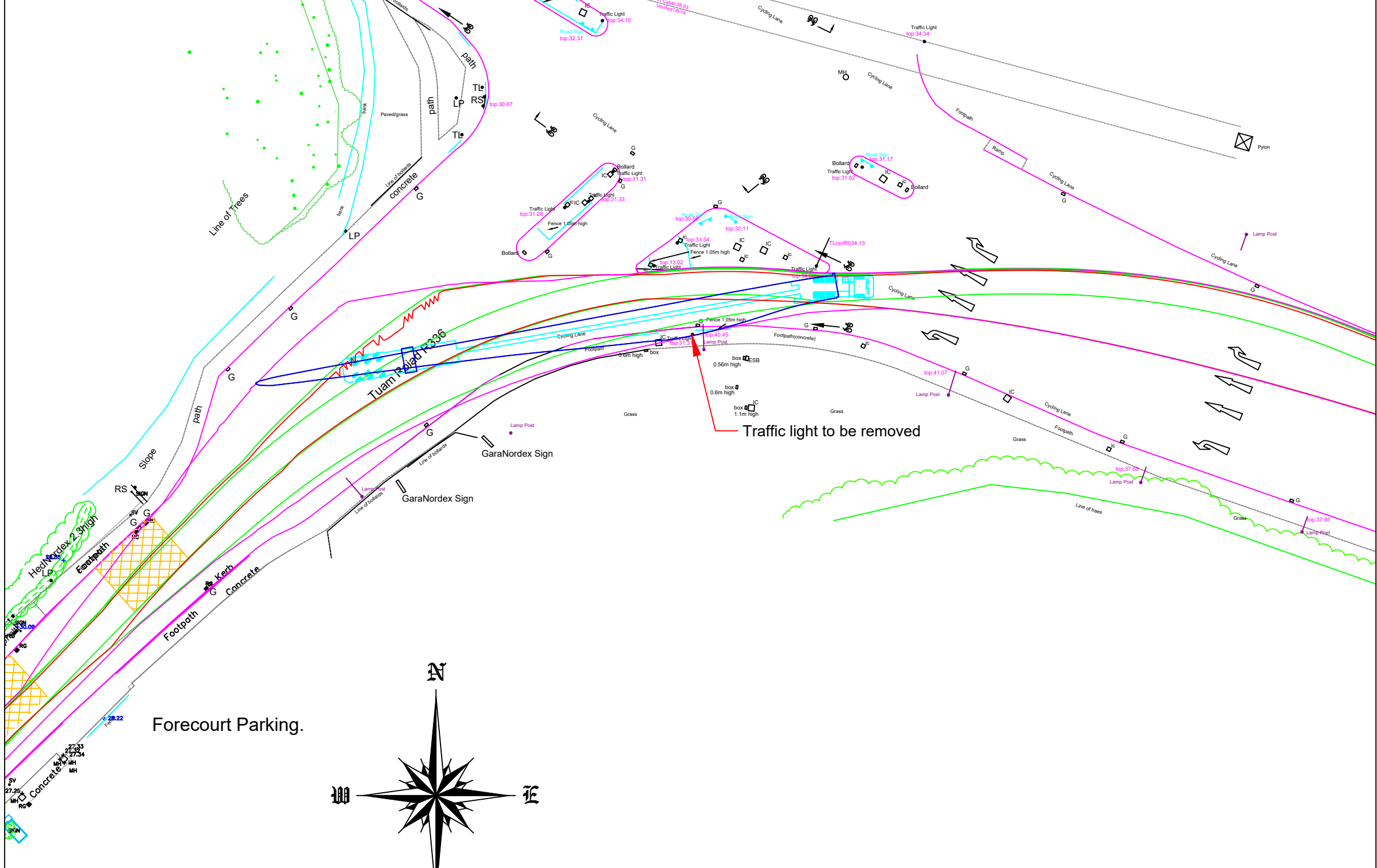
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- All dimensions in meters
- © Crown copyright and database rights 2014. Ordnance Survey 100041040 (BLACKWELLS)
- © Crown copyright and database rights 2014. Ordnance Survey 0100031673 (EMAP)

- Area within red outline will be swept by tractor and trailer axles
- Hatched area within red outline to be levelled and prepared to accept axle loadings
- Area within magenta outline will be oversailed by load and projections
- Area within green outline will be oversailed by trailer body



Swept Path indicates trailer utilising MANUAL steering

Vestas
V136 Blade Component
Super Wing Carrier



Continue on R336 to junction with N6.
At junction, turn right onto N6.

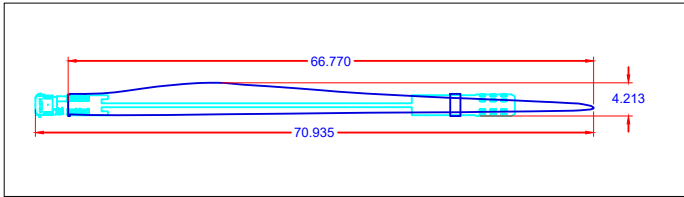
****Caution****

- The traffic light on the nearside of the junction is required to be removed as indicated.

Irish Grid Reference: M 32049 27159

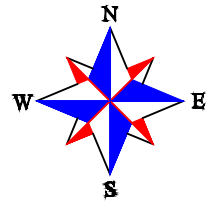
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- © Crown copyright and database rights 2014. Ordnance Survey 0100031673 (EMAP)

- Area within red outline will be swept by tractor and trailer axles
- Hatched area within red outline to be levelled and prepared to accept axle loadings
- Area within magenta outline will be oversailed by load and projections
- Area within green outline will be oversailed by trailer body



Swept Path indicates trailer utilising MANUAL steering

Vestas
V136 Blade Component
Super Wing Carrier



Continue on N6 to Coolagh Roundabout.
At roundabout, take 1st exit onto N6/M6.

****Caution****

- Indicated street furniture to be removed.
- Manual steering required to assist navigation.

Irish Grid Reference: M 34736 26588

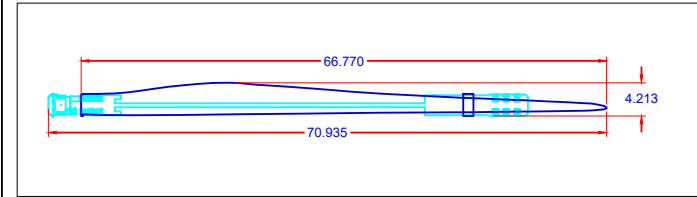
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- All dimensions in meters
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- © Crown copyright and database rights 2014. Ordnance Survey 0100031673 (EMAP)

- Area within red outline will be swept by tractor and trailer axles
-  Hatched area within red outline to be levelled and prepared to accept axle loadings
- Area within magenta outline will be oversailed by load and projections
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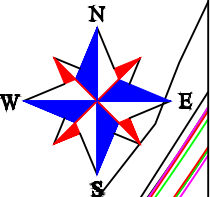
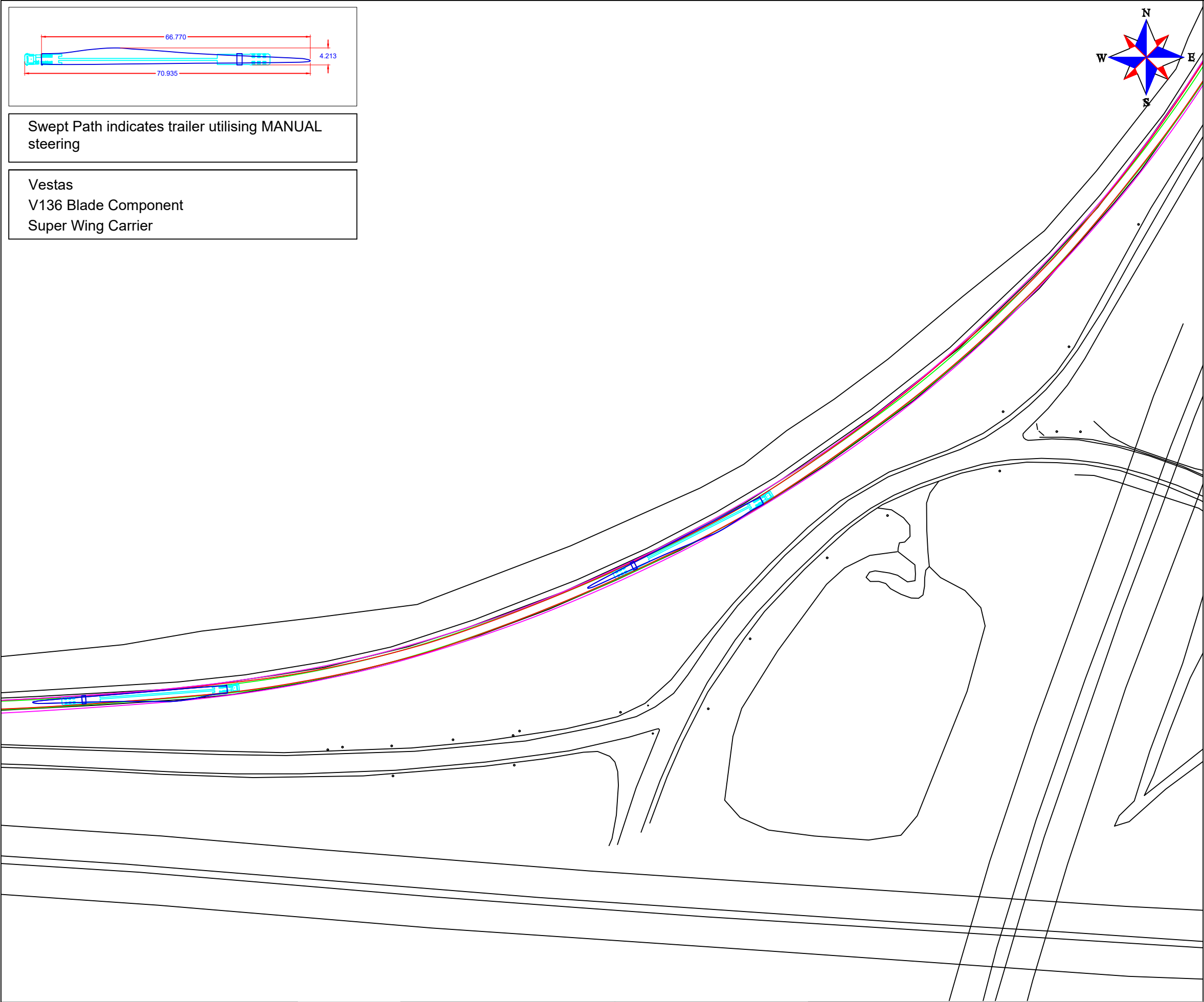
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Victoria Terminal TEL: +44(0)8456 255288
Albert Road FAX: +44(0)8456 255244
Halifax, HX2 0DF WEB: www.collett.co.uk

NAME		S.BUDGEN		TITLE				N6 COOLAGH ROUNDABOUT	
DATE		19/05/2025		MAPPING		OS MAPPING DATA		CUSTOMER	
SCALE		NTS		SIZE		A3		PINCH POINT IDENTIFIED BY	
						COLLETT		SITE	
								CUNLAGHFADDA	
								DWG. NO. 383371-50A1.1	



Swept Path indicates trailer utilising MANUAL steering

Vestas
V136 Blade Component
Super Wing Carrier



Continue on M6 to junction 18.
Exit M6 onto slip road and turn left onto M18 North.

****Caution****

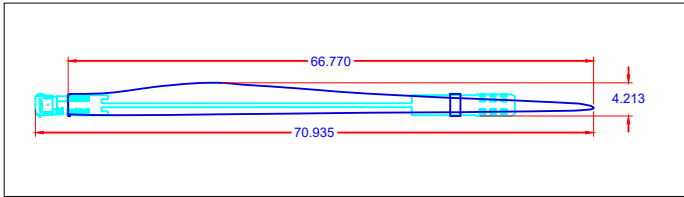
- Loaded blade component will navigate utilising manual steering.

Irish Grid Reference: M 46078 27831

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- © Crown copyright and database rights 2014. Ordnance Survey 100041040 (BLACKWELLS)
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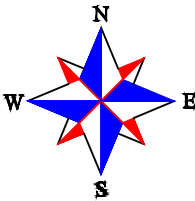
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- Hatched area within red outline to be levelled and prepared to accept axle loadings
- Area within magenta outline will be oversailed by load and projections
- Area within green outline will be oversailed by trailer body

	COLLETT & SONS LIMITED Victoria Terminal TEL: +44(0)8456 255288 Albert Road FAX: +44(0)8456 255244 Halifax, HX2 0DF WEB: www.collett.co.uk	NAME S.BUDGEN		TITLE M6 JUNCTION 18/M18 NORTH			
		DATE 19/05/2025		MAPPING OS MAPPING DATA		CUSTOMER CUNLAGHFADDA GREEN ENERGY	
		SCALE NTS	SIZE A3	PINCH POINT IDENTIFIED BY COLLETT		SITE CUNLAGHFADDA	DWG. NO. 383371-60A1.1



Swept Path indicates trailer utilising MANUAL steering

Vestas
V136 Blade Component
Super Wing Carrier



Continue on M17 to roundabout at junction with the N83.
At the roundabout, take the 2nd exit onto the N17..

****Caution****

- Indicated street furniture to be removed.
- Manual steering required to assist navigation.

Irish Grid Reference: M 41729 51133

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- © Crown copyright and database rights 2014. Ordnance Survey 0100031673 (EMAP)

Road-sign to be removed

Lamp post to be removed

Sign post to be removed

Lamp post to be removed

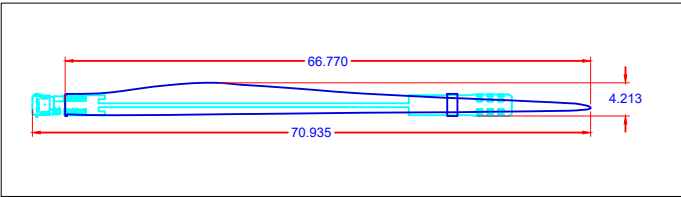
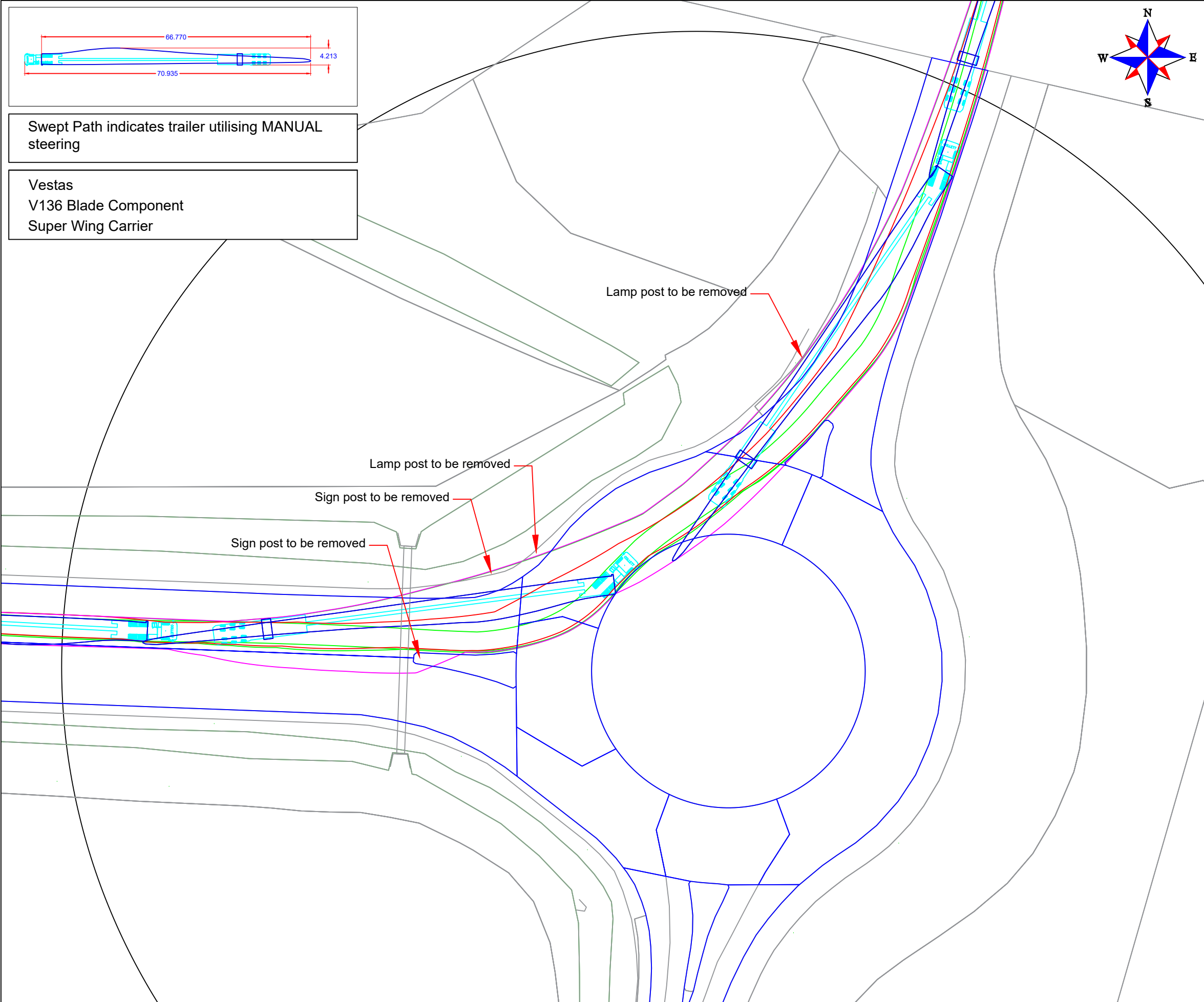
Chevron signs to be removed

- Area within red outline will be swept by tractor and trailer axles
- ▨ Hatched area within red outline to be levelled and prepared to accept axle loadings
- Area within magenta outline will be oversailed by load and projections
- Area within green outline will be oversailed by trailer body



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Albert Road FAX: +44(0)8456 255244
Halifax, HX2 0DF WEB: www.collett.co.uk

NAME		S.BUDGEN		TITLE				M17/N83/N17 ROUNDABOUT	
DATE		19/05/2025		MAPPING		OS MAPPING DATA		CUSTOMER	
SCALE		NTS		SIZE		A3		PINCH POINT IDENTIFIED BY	
						COLLETT		SITE	
								CUNLAGHFADDA	
								DWG. NO. 383371-70A1.1	



Swept Path indicates trailer utilising MANUAL steering

Vestas
V136 Blade Component
Super Wing Carrier

Continue on N17 to roundabout at junction with the N83.
At the roundabout, take the 1st exit onto the N17
****Caution****

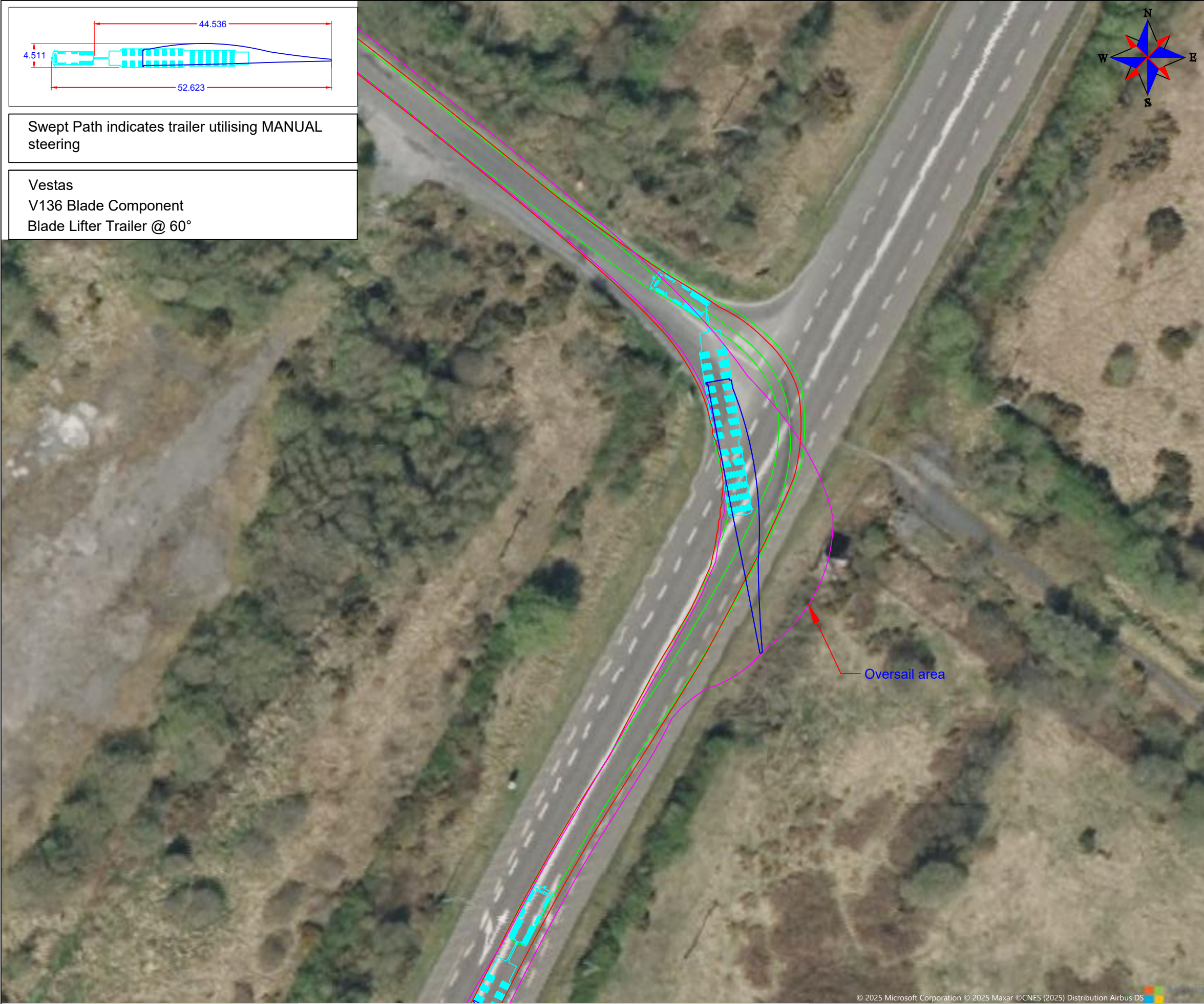
- Indicated street furniture to be removed.
- Manual steering utilised to assist navigation.

Irish Grid Reference: M 43872 54099

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- All dimensions in meters
- © Crown copyright and database rights 2014. Ordnance Survey 100041040 (BLACKWELLS)
- © Crown copyright and database rights 2014. Ordnance Survey 0100031673 (EMAP)

- Area within red outline will be swept by tractor and trailer axles
-  Hatched area within red outline to be levelled and prepared to accept axle loadings
- Area within magenta outline will be oversailed by load and projections
- Area within green outline will be oversailed by trailer body

	COLLETT & SONS LIMITED Victoria Terminal TEL: +44(0)8456 255288 Albert Road FAX: +44(0)8456 255244 Halifax, HX2 0DF WEB: www.collett.co.uk	NAME S.BUDGEN		TITLE N17/N83 ROUNDABOUT		
		DATE 19/05/2025		MAPPING OS MAPPING DATA	CUSTOMER CUNLAGHFADDA GREEN ENERGY	
		SCALE NTS	SIZE A3	PINCH POINT IDENTIFIED BY COLLETT	SITE CUNLAGHFADDA	DWG. NO. 383371-80A1.1



Take exit from N17 onto Clare road.
****Caution****

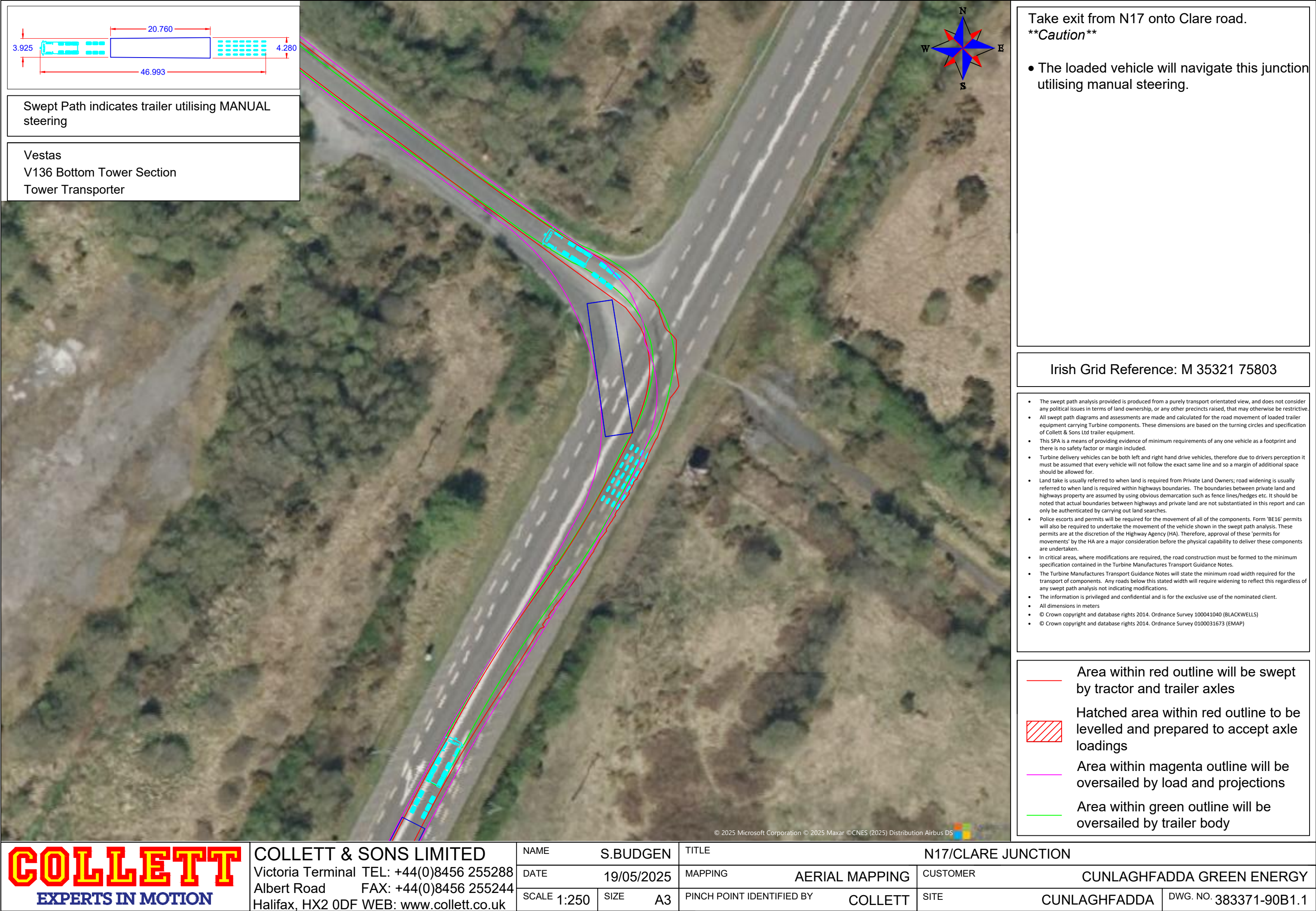
- The loaded blade will oversail the land on the offside as indicated.

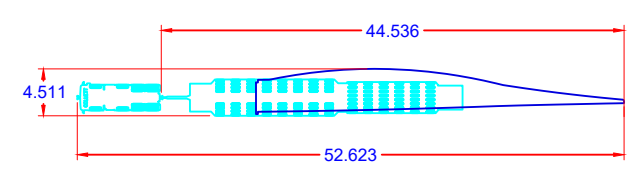
Irish Grid Reference: M 35321 75803

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- © Crown copyright and database rights 2014. Ordnance Survey 0100031673 (EMAP)

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-  Hatched area within red outline to be levelled and prepared to accept axle loadings
- Area within magenta outline will be oversailed by load and projections
- Area within green outline will be oversailed by trailer body

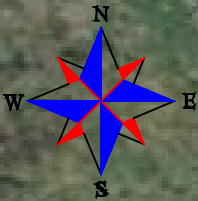
	COLLETT & SONS LIMITED		NAME		S.BUDGEN	TITLE		N17/CLARE JUNCTION		
	Victoria Terminal TEL: +44(0)8456 255288		DATE		19/05/2025	MAPPING		AERIAL MAPPING	CUSTOMER	CUNLAGHFADDA GREEN ENERGY
	Albert Road FAX: +44(0)8456 255244		SCALE		NTS	SIZE	A3	PINCH POINT IDENTIFIED BY		COLLETT
	Halifax, HX2 0DF WEB: www.collett.co.uk						SITE		CUNLAGHFADDA	DWG. NO. 383371-90A1.1





Swept Path indicates trailer utilising MANUAL steering

Vestas
V136 Blade Component
Blade Lifter Trailer @ 60°



Continue onto Clare road.
****Caution****

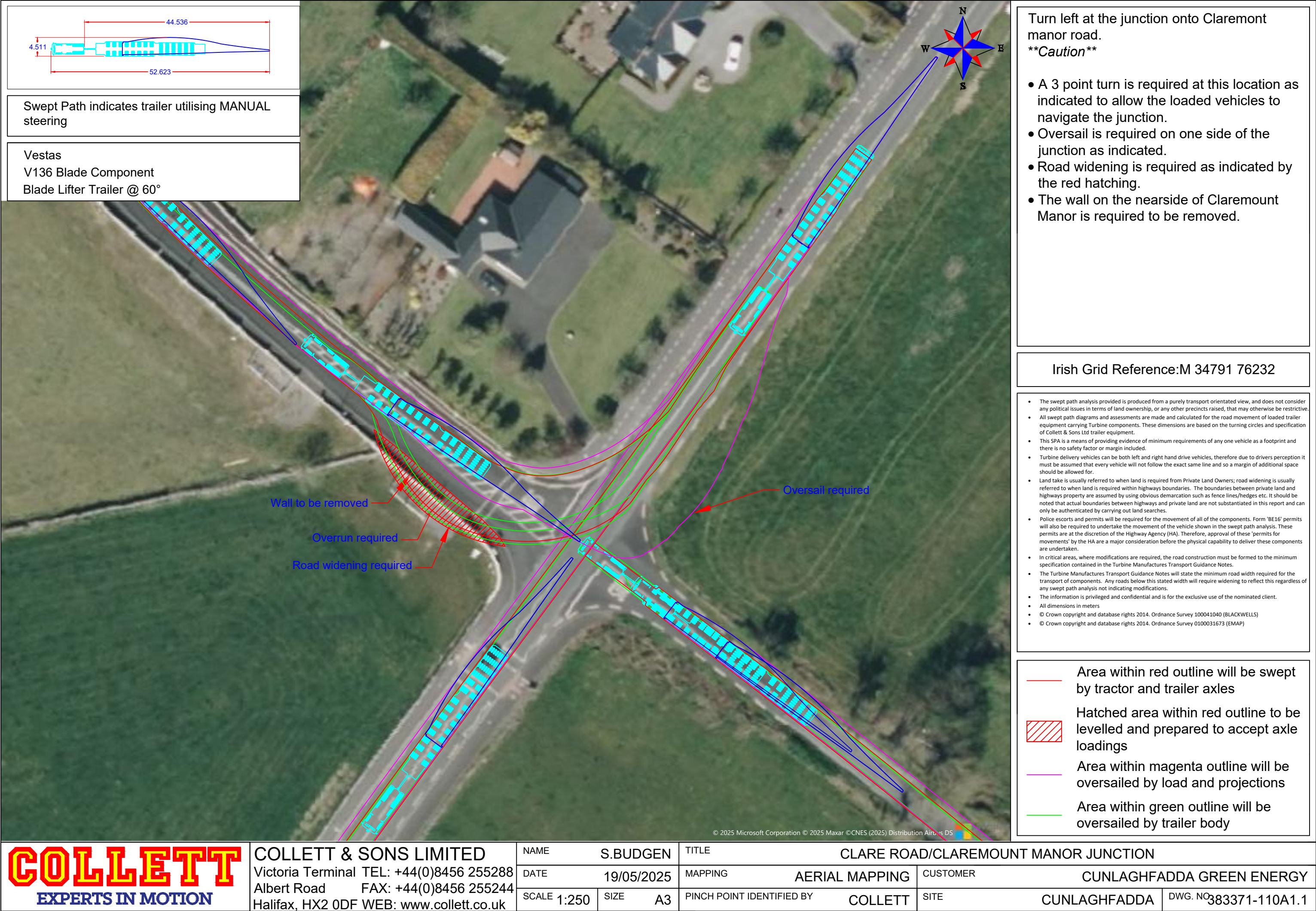
- The trees on this section of route are required to be pruned back to the road edge.

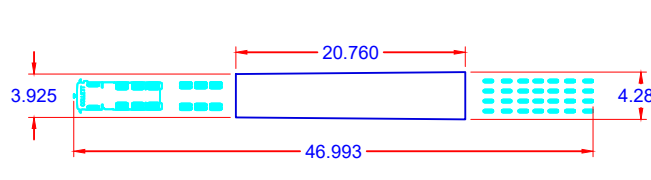
Irish Grid Reference: M 35319 75799 -
M 35319 75799

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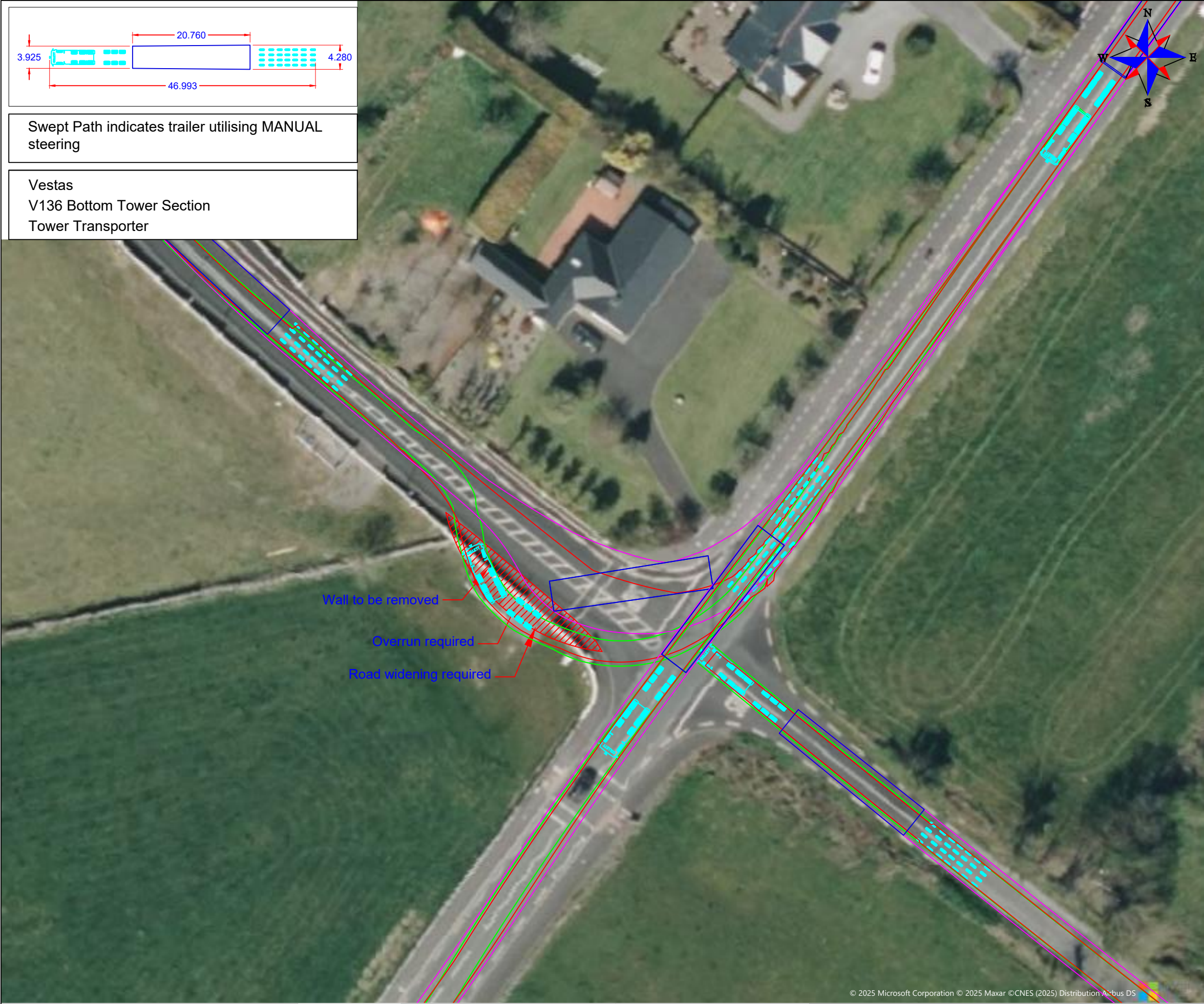
	COLLETT & SONS LIMITED Victoria Terminal TEL: +44(0)8456 255288 Albert Road FAX: +44(0)8456 255244 Halifax, HX2 0DF WEB: www.collett.co.uk	NAME S.BUDGEN		TITLE SECTION OF CLARE ROAD		
		DATE 19/05/2025		MAPPING AERIAL MAPPING		CUSTOMER CUNLAGHFADDA GREEN ENERGY
		SCALE 1:250	SIZE A3	PINCH POINT IDENTIFIED BY COLLETT	SITE CUNLAGHFADDA	DWG. NO 383371-100A1.1





Swept Path indicates trailer utilising MANUAL steering

Vestas
V136 Bottom Tower Section
Tower Transporter



Turn left at the junction onto Claremont manor road.
****Caution****

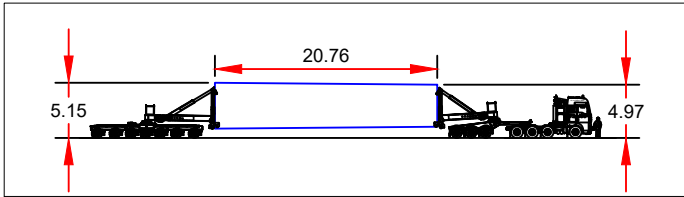
- A 3 point turn is required at this location as indicated to allow the loaded vehicles to navigate the junction.
- Overrun is required on the nearside of Claremount Road as indicated.
- Road widening is required as indicated by the red hatching.
- The wall on the nearside of Claremount Manor is required to be removed.

Irish Grid Reference:M 34791 76232

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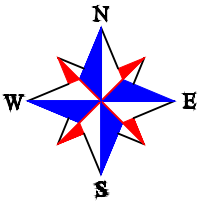
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	COLLETT & SONS LIMITED Victoria Terminal TEL: +44(0)8456 255288 Albert Road FAX: +44(0)8456 255244 Halifax, HX2 0DF WEB: www.collett.co.uk	NAME S.BUDGEN		TITLE CLARE ROAD/CLAREMOUNT MANOR JUNCTION		
		DATE 19/05/2025		MAPPING AERIAL MAPPING	CUSTOMER CUNLAGHFADDA GREEN ENERGY	
		SCALE 1:250	SIZE A3	PINCH POINT IDENTIFIED BY COLLETT	SITE CUNLAGHFADDA	DWG. NO 383371-110B1.1



Swept Path indicates trailer utilising MANUAL steering

Vestas
V136 Bottom Tower Section
Tower Transporter



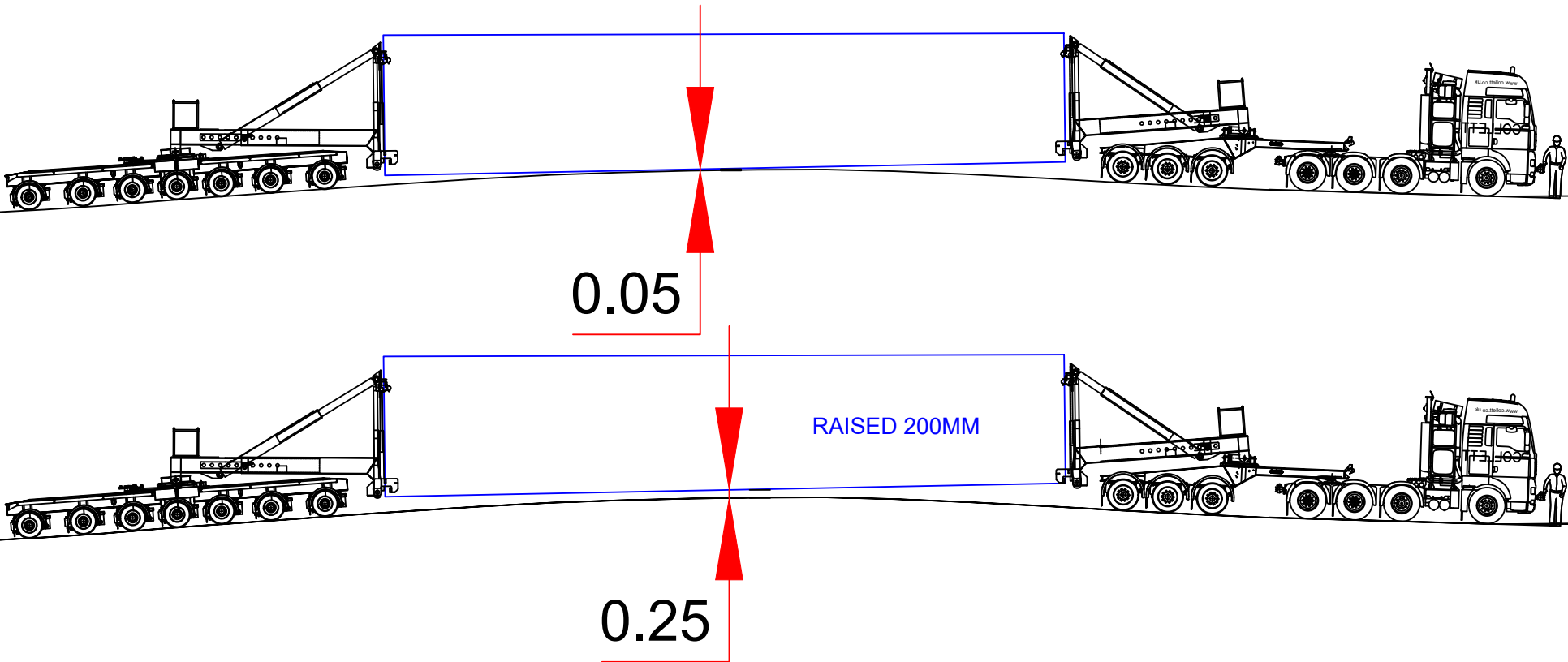
Continue straight over the rail bridge.

****Caution****

- The towers loaded in the clamp are required to be raised prior to the bridge to clear the vertical crest as indicated.
- This will cause the loaded height to exceed 5m whilst the vehicles navigate the bridge. This will then be lowered once cleared the crest,

Irish Grid Reference: M 34093 74815

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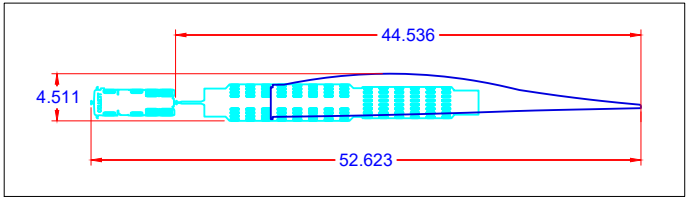


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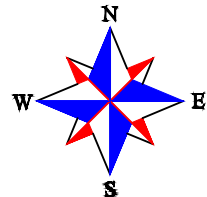
COLLETT & SONS LIMITED
Victoria Terminal TEL: +44(0)8456 255288
Albert Road FAX: +44(0)8456 255244
Halifax, HX2 0DF WEB: www.collett.co.uk

NAME		S.BUDGEN		TITLE			VERTICAL CREST OVER THE BRIDGE IN CLAREMORRIS	
DATE		19/05/2025		MAPPING		TOPOGRAPHICAL DATA		CUSTOMER
SCALE		NTS	SIZE	A3	PINCH POINT IDENTIFIED BY		COLLETT	SITE
						CUNLAGHFADDA		DWG. NO 383371-115V1.1



Swept Path indicates trailer utilising MANUAL steering

Vestas
V136 Blade Component
Blade Lifter Trailer @ 60°



Overhead cables to be removed

Overhead cables to be removed

Overhead cables to be removed

Overhead cables to be removed

Overhead cables to be removed

Overhead cables to be removed

Overhead cables to be removed

Continue on R331.

****Caution****

- The overhead lines across the road through this section of route are required to be removed as indicated.

Irish Grid Reference: M 34002 74595

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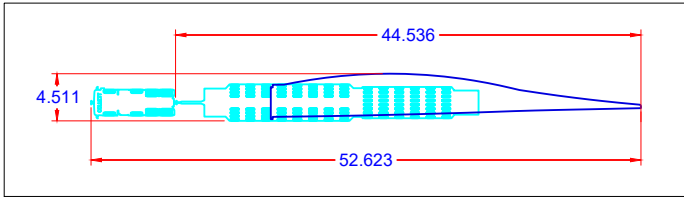
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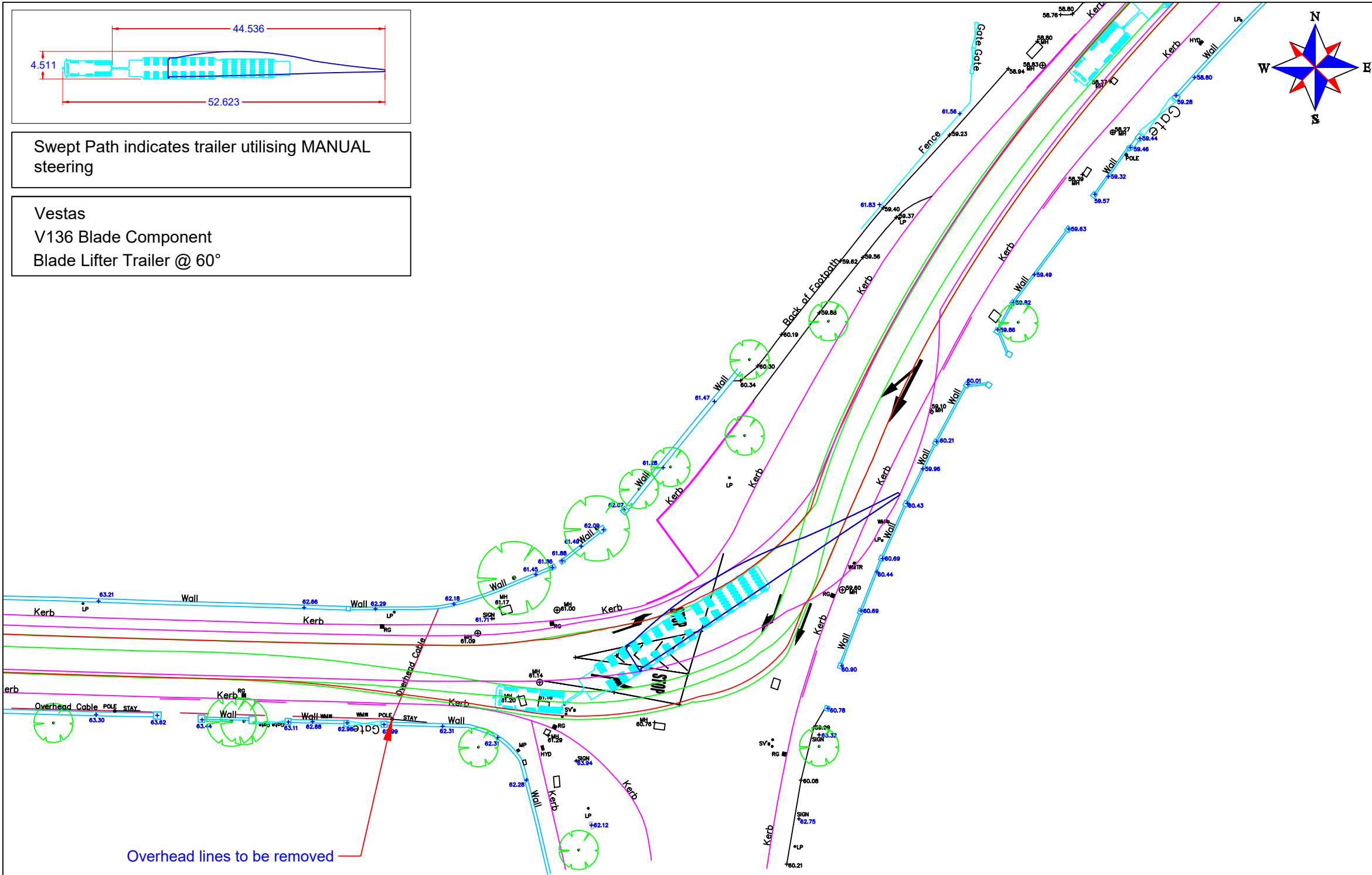
LEGEND	
ER=	Earth Road
LP=	Light Post
RD=	Road Gully
TL=	Traffic Light

NAME		S.BUDGEN		TITLE		SERIES OF BENDS / OVERHEAD LINES ON R331 CLAREMORRIS	
DATE		19/05/2025		MAPPING TOPOGRAPHICAL SURVEY		CUSTOMER	
SCALE		NTS		SIZE		A3	
PINCH POINT IDENTIFIED BY		COLLETT		SITE		CUNLAGHFADDA	
DWG. NO		383371-120A1.1					



Swept Path indicates trailer utilising MANUAL steering

Vestas
V136 Blade Component
Blade Lifter Trailer @ 60°



Overhead lines to be removed

Turn right at junction onto L1506.

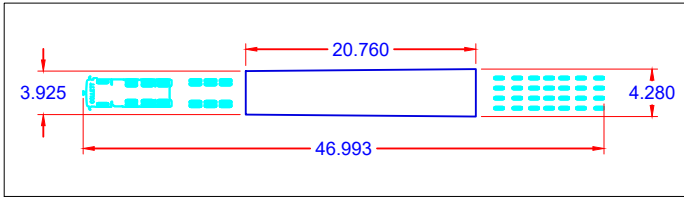
****Caution****

- The overhead line across the junction is required to be removed as indicated.

Irish Grid Reference: M 33708 74381

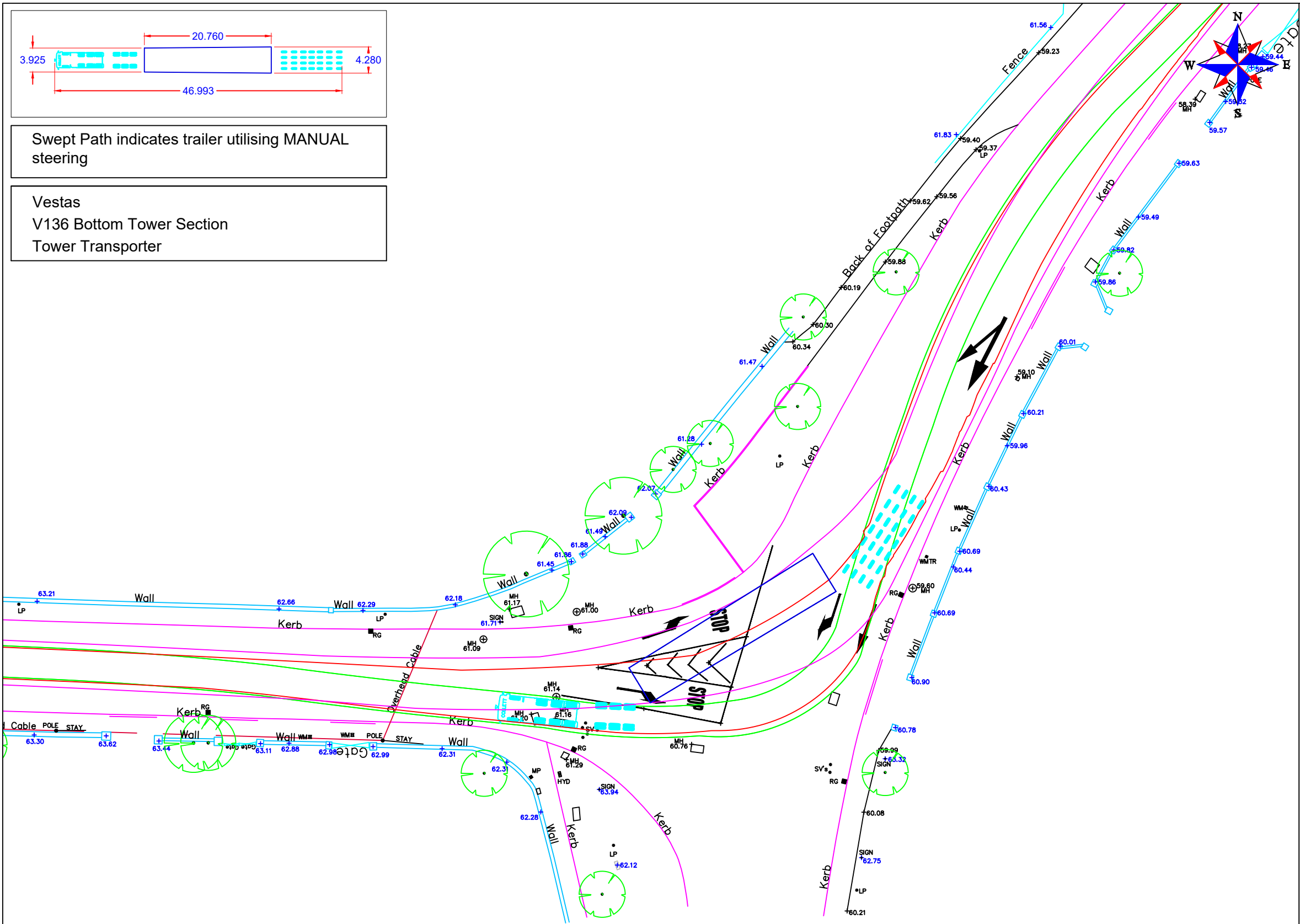
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Swept Path indicates trailer utilising MANUAL steering

Vestas
V136 Bottom Tower Section
Tower Transporter



Turn right at junction onto L1506.

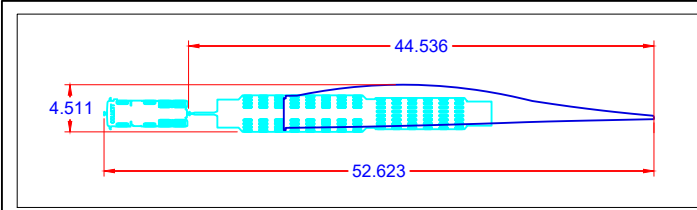
****Caution****

- The loaded tower vehicle will navigate this junction utilising manual steering.

Irish Grid Reference: M 33708 74381

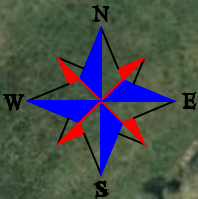
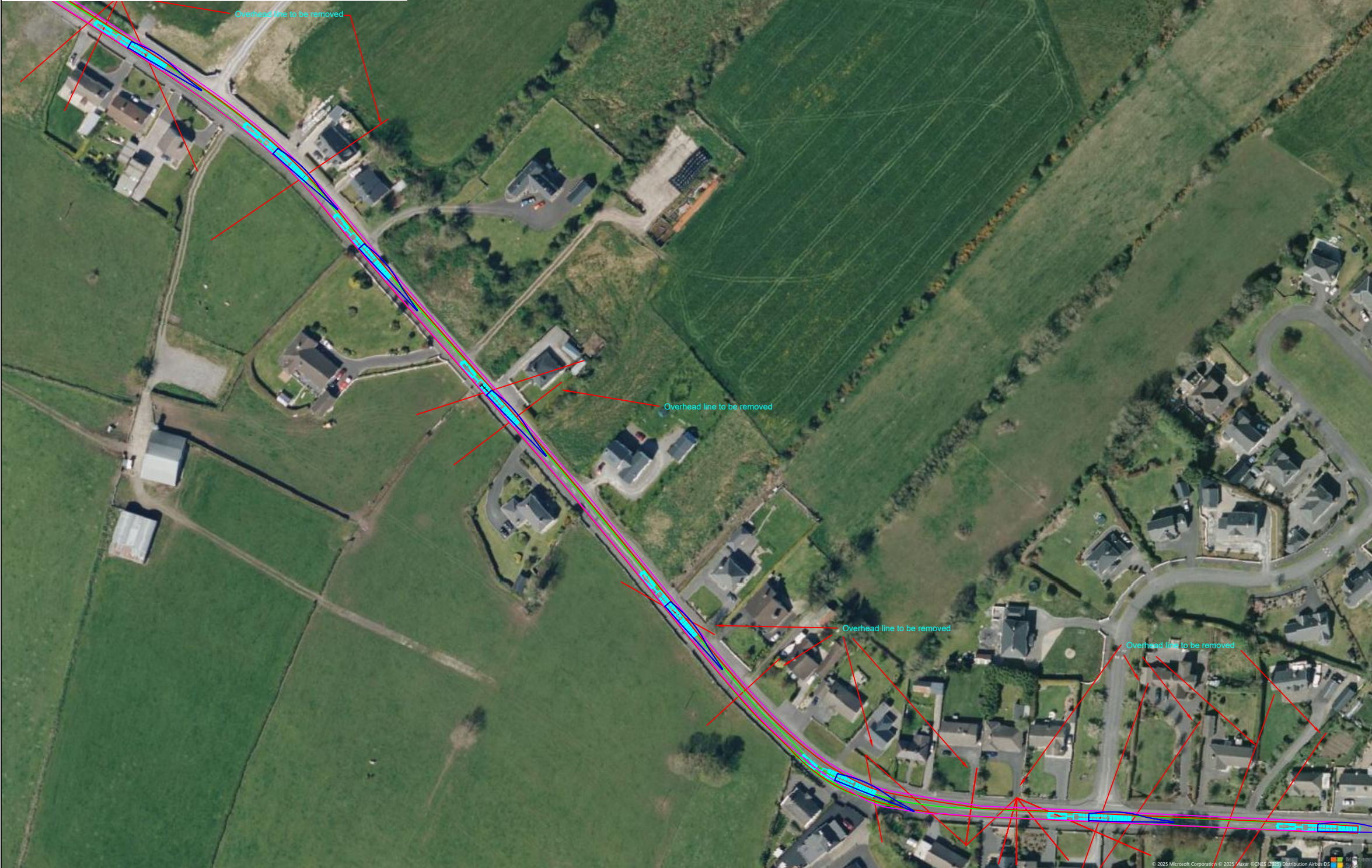
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-  Hatched area within red outline to be levelled and prepared to accept axle loadings
- Area within magenta outline will be oversailed by load and projections
- Area within green outline will be oversailed by trailer body



Swept Path indicates trailer utilising MANUAL steering

Vestas
V136 Blade Component
Blade Lifter Trailer @ 60°



Continue on L1506.

****Caution****

- The overhead lines along this section of route are required to be removed as indicated.
- The raised blade will navigate the bend utilising manual steering.

Irish Grid Reference: M 33238 74414

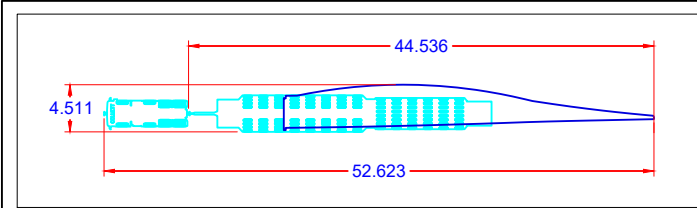
- The swept path analysis provided is produced from a purely transport orientated view, and does not consider any political issues in terms of land ownership, or any other precincts raised, that may otherwise be restrictive.
- All swept path diagrams and assessments are made and calculated for the road movement of loaded trailer equipment carrying Turbine components. These dimensions are based on the turning circles and specification of Collett & Sons Ltd trailer equipment.
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- The information is privileged and confidential and is for the exclusive use of the nominated client.
- All dimensions in meters
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- Area within red outline will be swept by tractor and trailer axles
- Hatched area within red outline to be levelled and prepared to accept axle loadings
- Area within magenta outline will be oversailed by load and projections
- Area within green outline will be oversailed by trailer body



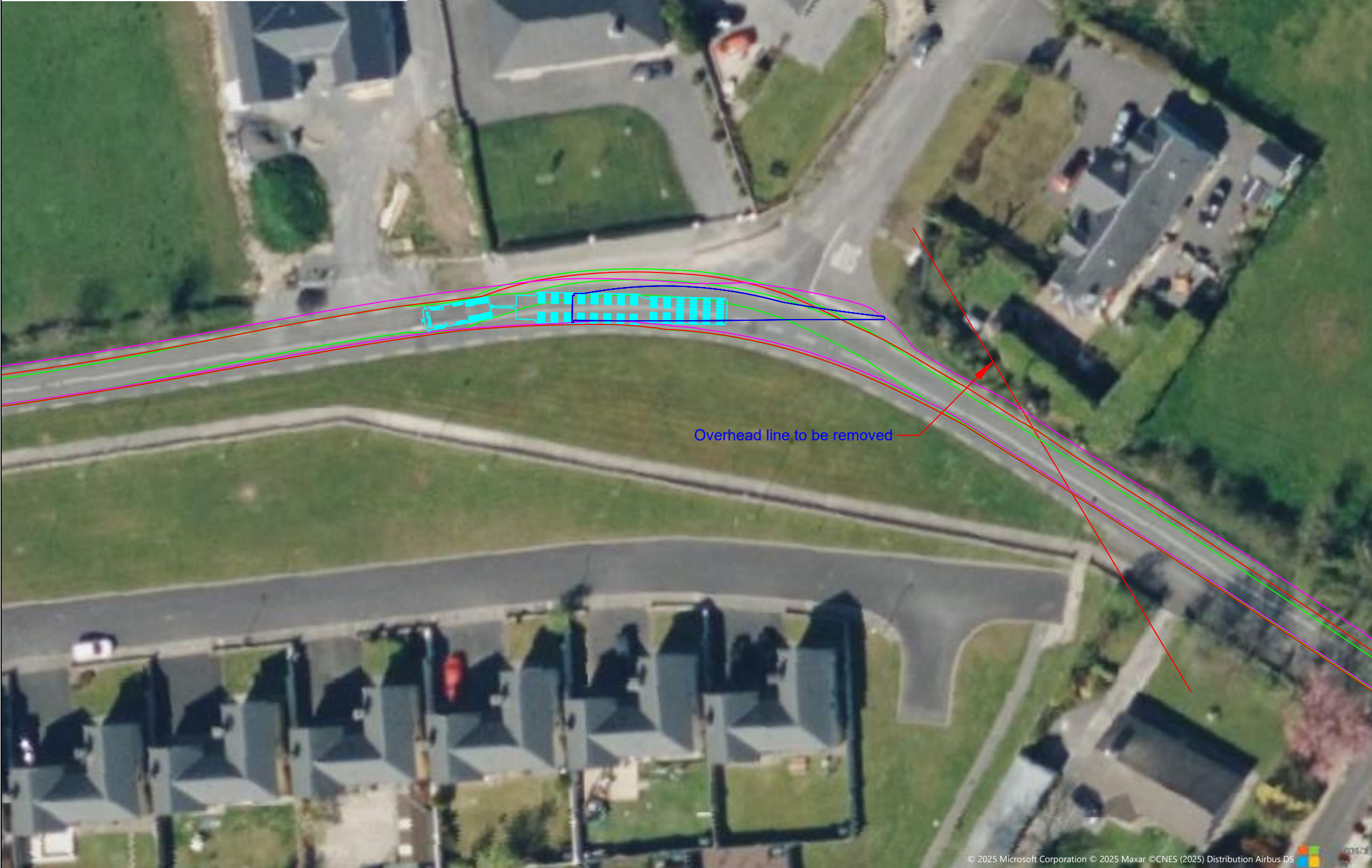
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Albert Road FAX: +44(0)8456 255244
Halifax, HX2 0DF WEB: www.collett.co.uk

NAME	S.BUDGEN	TITLE	RIGHT HAND BEND / OVERHEAD LINES ON L1506		
DATE	19/05/2025	MAPPING	AERIAL MAPPING	CUSTOMER	CUNLAGHFADDA GREEN ENERGY
SCALE	1:500	SIZE	A3	PINCH POINT IDENTIFIED BY	COLLETT
				SITE	CUNLAGHFADDA
				DWG. NO	383371-140A1.1



Swept Path indicates trailer utilising MANUAL steering

Vestas
V136 Blade Component
Blade Lifter Trailer @ 60°



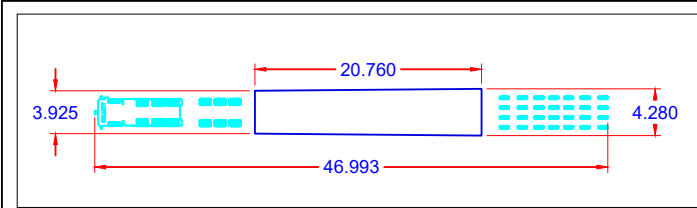
Continue on L1506.
****Caution****

- The overhead line across the road is required to be removed as indicated.

Irish Grid Reference: M 32731 74849

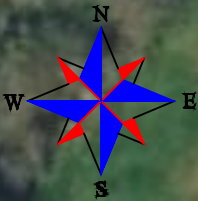
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- Area within red outline will be swept by tractor and trailer axles
- Hatched area within red outline to be levelled and prepared to accept axle loadings
- Area within magenta outline will be oversailed by load and projections
- Area within green outline will be oversailed by trailer body



Swept Path indicates trailer utilising MANUAL steering

Vestas
V136 Bottom Tower Component
Tower Transporter



Continue on L1506.

****Caution****

- The loaded tower vehicle will navigate this bend utilising manual steering.

Irish Grid Reference: M 32731 74849

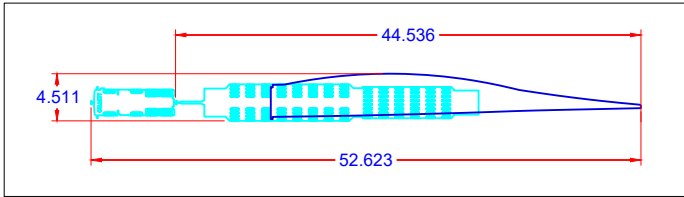
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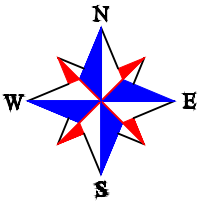
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Albert Road FAX: +44(0)8456 255244
Halifax, HX2 0DF WEB: www.collett.co.uk

NAME		S.BUDGEN	TITLE		LEFT HAND BEND ON L1506	
DATE		19/05/2025	MAPPING		CUSTOMER	CUNLAGHFADDA GREEN ENERGY
SCALE	1:500	SIZE	A3	PINCH POINT IDENTIFIED BY	COLLETT	SITE
					CUNLAGHFADDA	DWG. NO 383371-150B1.1



Swept Path indicates trailer utilising MANUAL steering

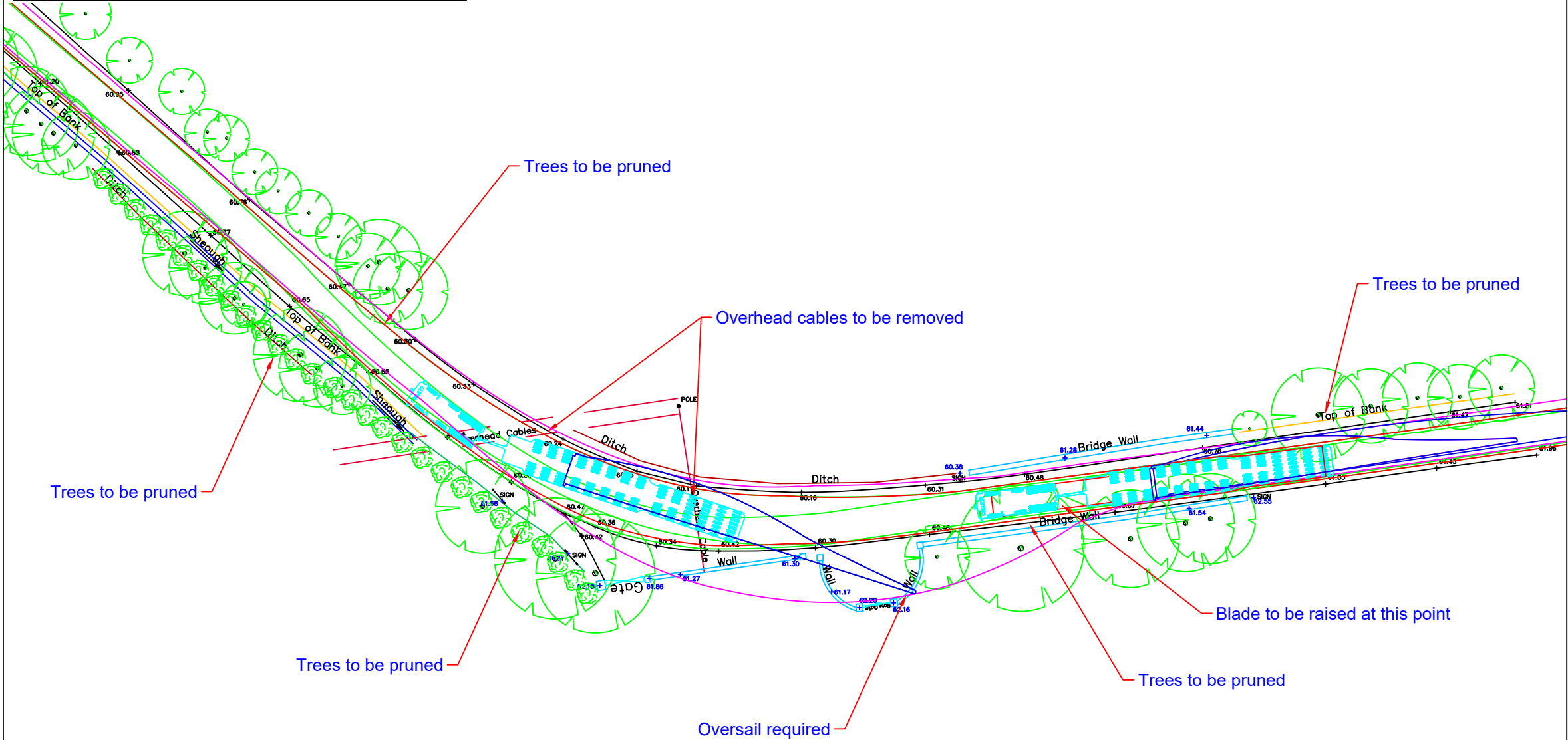
Vestas
V136 Blade Component
Blade Lifter Trailer @ 60°



- Continue on L1506.
****Caution****
- The lowered blade is required to be raised to 60° before navigating the bend as indicated.
 - Oversail is required on the nearside as indicated to allow the loaded vehicle to successfully navigate the bridge/bend.
 - Overhead cables are to be removed.
 - Tree removal/pruning is required as shown.

Irish Grid Reference: M 32028 74746

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- © Crown copyright and database rights 2014. Ordnance Survey 0100031673 (EMAP)

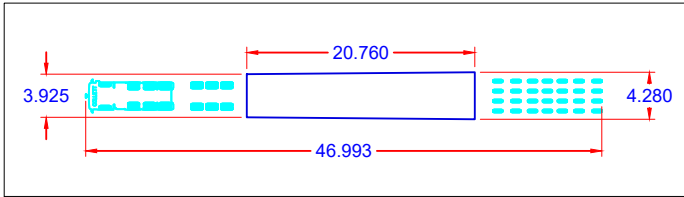


- Area within red outline will be swept by tractor and trailer axles
- ▨ Hatched area within red outline to be levelled and prepared to accept axle loadings
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- Area within green outline will be oversailed by trailer body



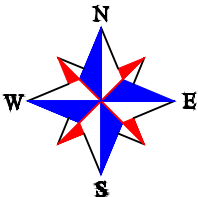
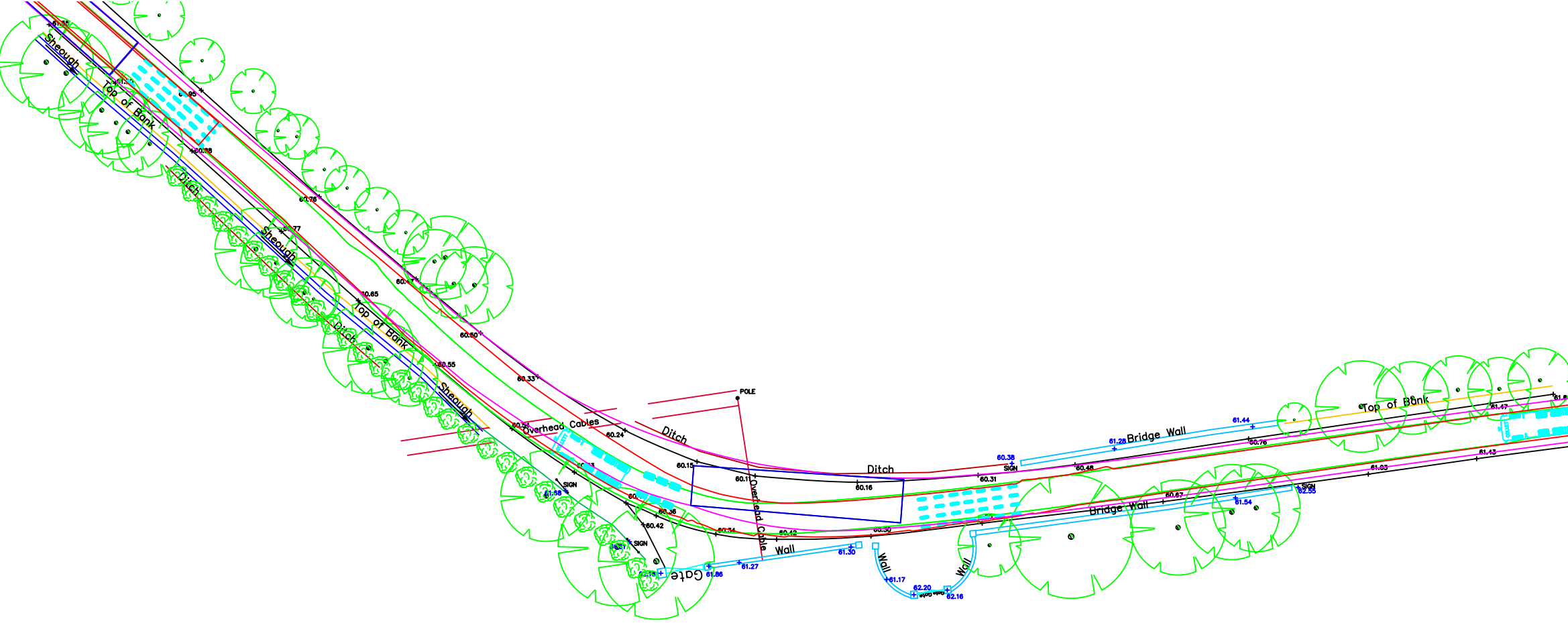
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Albert Road FAX: +44(0)8456 255244
Halifax, HX2 0DF WEB: www.collett.co.uk

NAME	S.BUDGEN	TITLE	RIGHT HAND BEND ON L1506	
DATE	19/05/2025	MAPPING TOPOGRAPHICAL SURVEY	CUSTOMER	CUNLAGHFADDA GREEN ENERGY
SCALE 1:500	SIZE A3	PINCH POINT IDENTIFIED BY COLLETT	SITE	CUNLAGHFADDA
			DWG. NO	383371-160A1.1



Swept Path indicates trailer utilising MANUAL steering

Vestas
V136 Bottom Tower Section
Tower Transporter



Continue on L1506.

****Caution****

- The loaded tower vehicle will navigate this bend utilising manual steering.

Irish Grid Reference: M 32028 74746

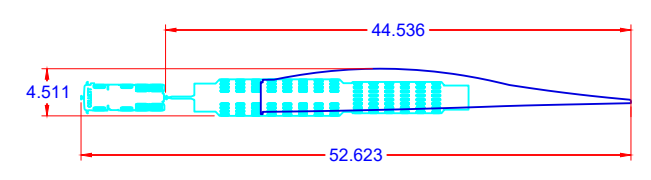
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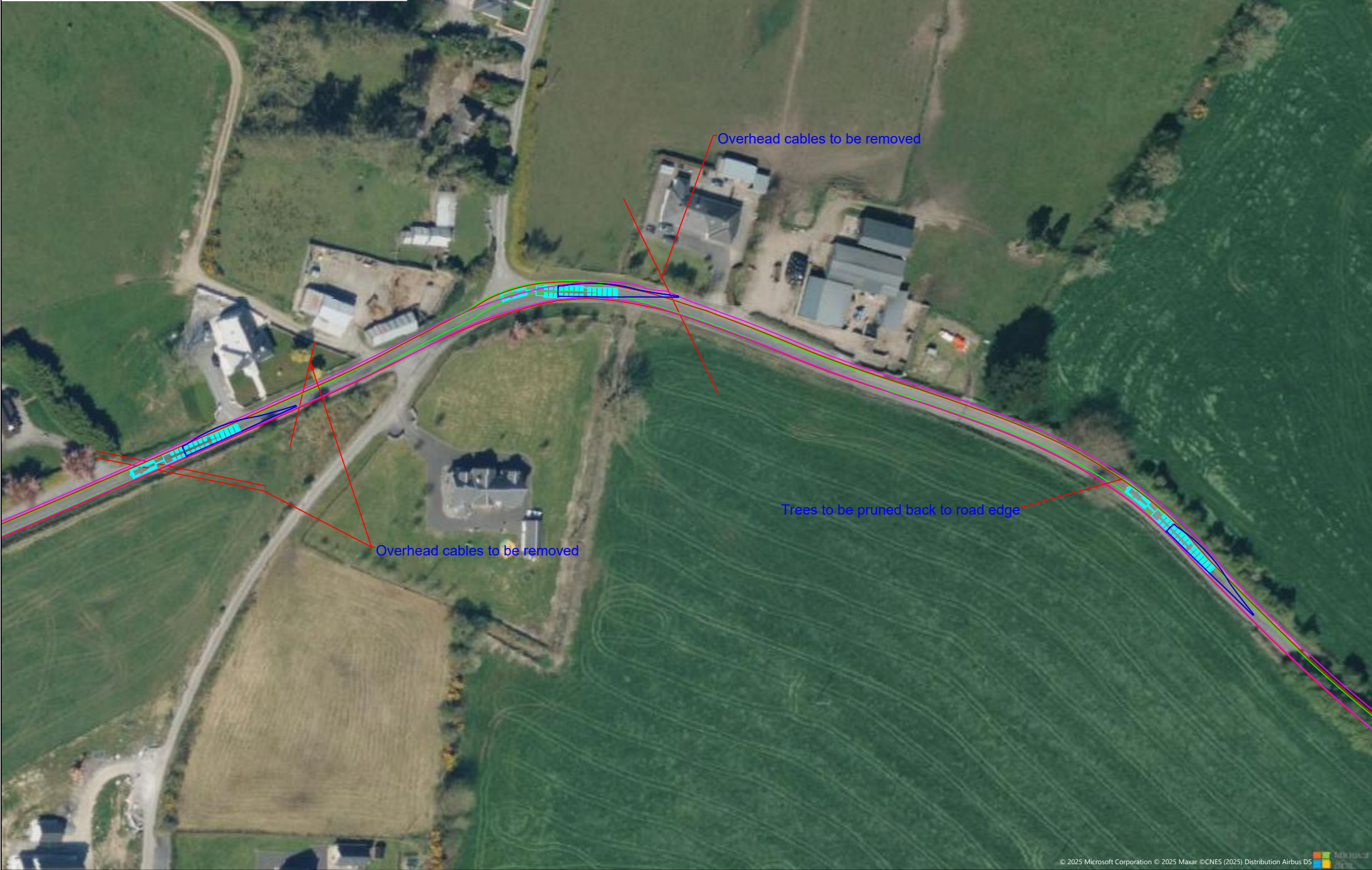
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Albert Road FAX: +44(0)8456 255244
Halifax, HX2 0DF WEB: www.collett.co.uk

NAME	S.BUDGEN	TITLE	RIGHT HAND BEND ON L1506	
DATE	19/05/2025	MAPPING TOPOGRAPHICAL SURVEY	CUSTOMER	CUNLAGHFADDA GREEN ENERGY
SCALE	1:500	SIZE	A3	PINCH POINT IDENTIFIED BY COLLETT
		SITE	CUNLAGHFADDA	DWG. NO 383371-160B1.1



Swept Path indicates trailer utilising MANUAL steering

Vestas
V136 Blade Component
Blade Lifter Trailer @ 60°



Continue on L1506.

****Caution****

- The trees along this section of route are required to be pruned back to the road edge.
- The overhead lines along this section of route are required to be removed as indicated.

Irish Grid Reference: M 31525 75083

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- © Crown copyright and database rights 2014. Ordnance Survey 0100031673 (EMAP)

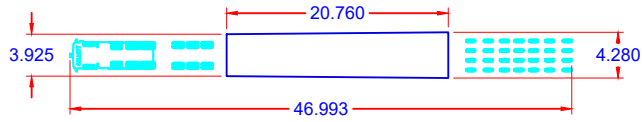
Area within red outline will be swept by tractor and trailer axles

Hatched area within red outline to be levelled and prepared to accept axle loadings

Area within magenta outline will be oversailed by load and projections

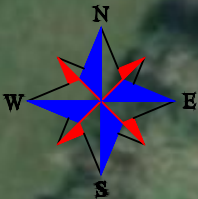
Area within green outline will be oversailed by trailer body

	COLLETT & SONS LIMITED		NAME		S.BUDGEN	TITLE				LEFT HAND BEND ON L1506											
	Victoria Terminal TEL: +44(0)8456 255288		DATE		19/05/2025		MAPPING		AERIAL MAPPING		CUSTOMER		CUNLAGHFADDA GREEN ENERGY								
	Albert Road FAX: +44(0)8456 255244		SCALE		1:500	SIZE		A3		PINCH POINT IDENTIFIED BY		COLLETT		SITE		CUNLAGHFADDA		DWG. NO		383371-170A1.1	
	Halifax, HX2 0DF WEB: www.collett.co.uk																				



Swept Path indicates trailer utilising MANUAL steering

Vestas
V136 Bottom Tower Section
Tower Transporter



Continue on L1506.

****Caution****

- The trees along this section of route are required to be pruned back to the road edge.

Irish Grid Reference: M 31525 75083

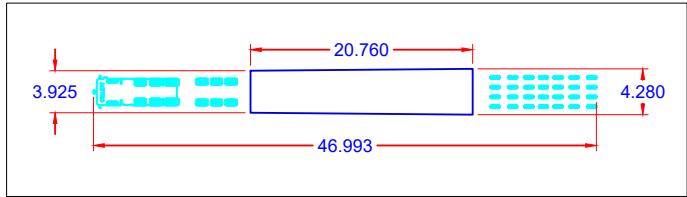
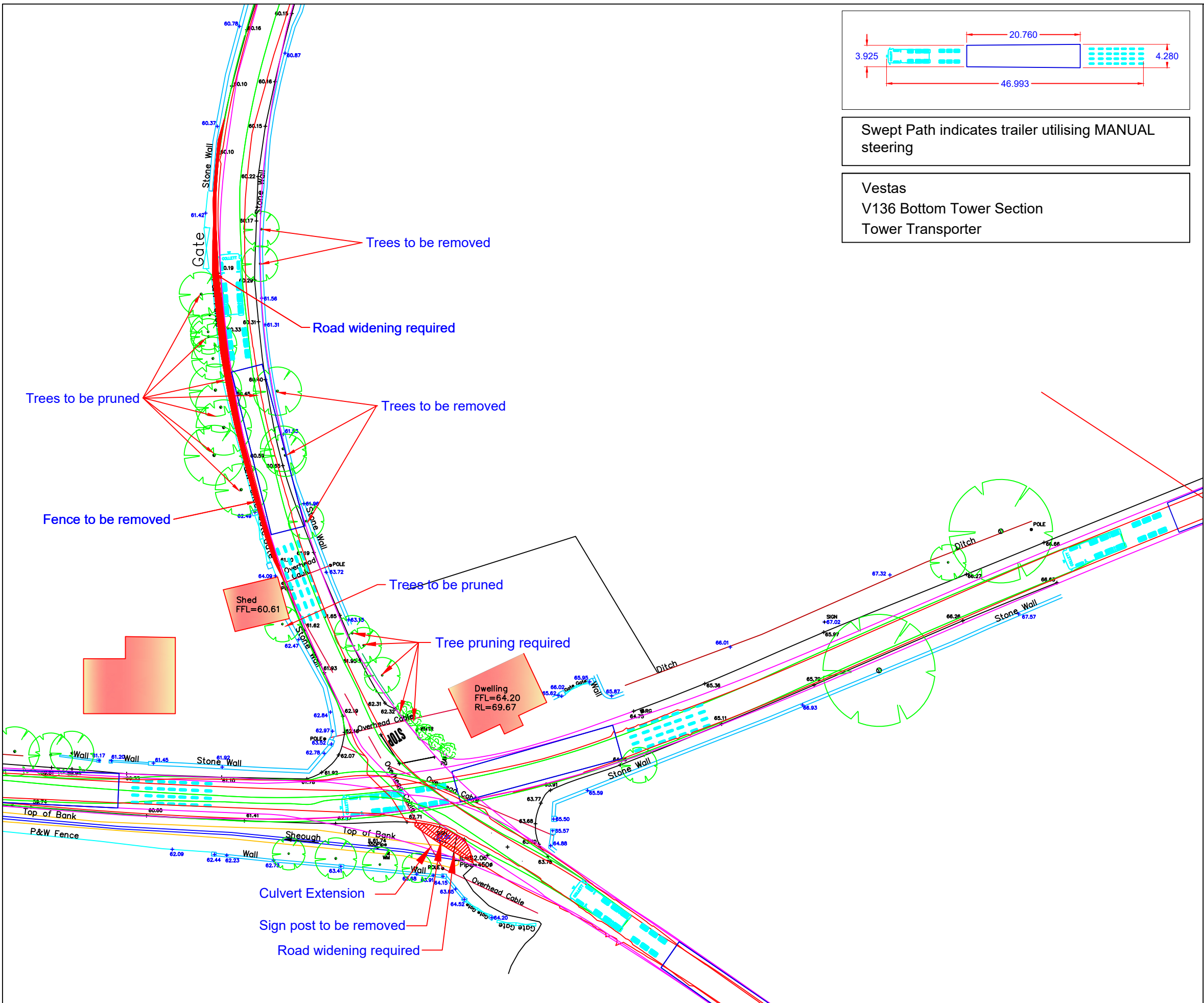
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Albert Road FAX: +44(0)8456 255244
Halifax, HX2 0DF WEB: www.collett.co.uk

NAME	S.BUDGEN	TITLE	LEFT HAND BEND ON L1506	
DATE	19/05/2025	MAPPING	AERIAL MAPPING	CUSTOMER
SCALE	1:500	SIZE	A3	PINCH POINT IDENTIFIED BY
			COLLETT	SITE
			CUNLAGHFADDA	DWG. NO
				383371-170B1.1



Swept Path indicates trailer utilising MANUAL steering

Vestas
V136 Bottom Tower Section
Tower Transporter

Continue past the junction onto the L1506, reverse down the unnamed road towards Gortgarve. cross the junction onto the L506.
****Caution****

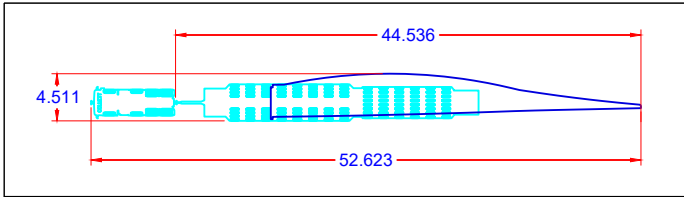
- Road widening is required as indicated by the red hatching.
- Extension of existing culvert will be required.
- The road sign on the nearside is required to be removed.
- Tree pruning is required on both sides of the road as shown.

Irish Grid Reference: M 31147 74930

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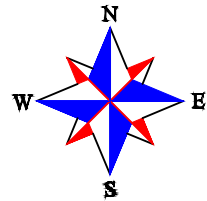
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- Area within magenta outline will be oversailed by load and projections
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	COLLETT & SONS LIMITED Victoria Terminal TEL: +44(0)8456 255288 Albert Road FAX: +44(0)8456 255244 Halifax, HX2 0DF WEB: www.collett.co.uk	NAME S.BUDGEN		TITLE JUNCTION L1506/L506	
		DATE 19/05/2025		MAPPING TOPOGRAPHICAL SURVEY CUSTOMER CUNLAGHFADDA GREEN ENERGY	
		SCALE 1:250		PINCH POINT IDENTIFIED BY COLLETT	
		SIZE A3		SITE CUNLAGHFADDA DWG. NO 383371-180B1.1	



Swept Path indicates trailer utilising MANUAL steering

Vestas
V136 Blade Component
Blade Lifter Trailer @ 60°



Continue on the L506 towards site.

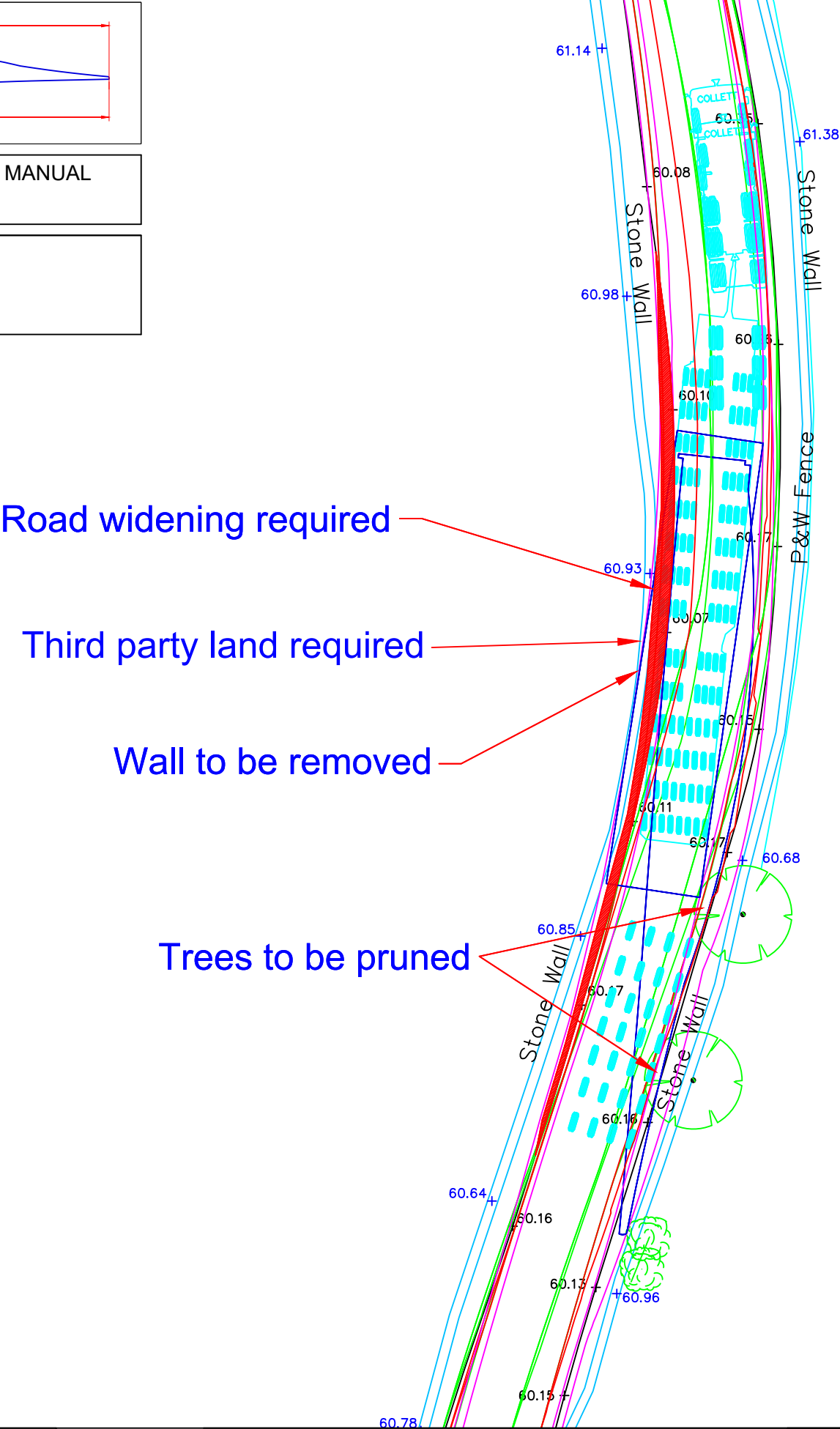
****Caution****

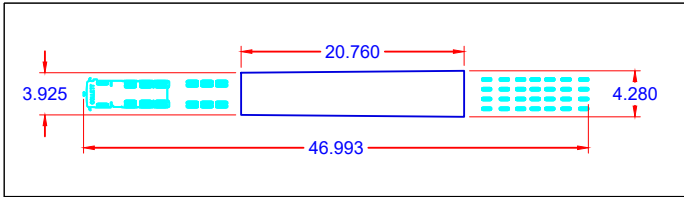
- Road widening is required as indicated by the red hatching.
- The wall on the nearside is required to be removed as indicated.
- Tree pruning is required on the offside.

Irish Grid Reference: M 31135 75061

- The swept path analysis provided is produced from a purely transport orientated view, and does not consider any political issues in terms of land ownership, or any other precincts raised, that may otherwise be restrictive.
- All swept path diagrams and assessments are made and calculated for the road movement of loaded trailer equipment carrying Turbine components. These dimensions are based on the turning circles and specification of Collett & Sons Ltd trailer equipment.
- This SPA is a means of providing evidence of minimum requirements of any one vehicle as a footprint and there is no safety factor or margin included.
- Turbine delivery vehicles can be both left and right hand drive vehicles, therefore due to drivers perception it must be assumed that every vehicle will not follow the exact same line and so a margin of additional space should be allowed for.
- Land take is usually referred to when land is required from Private Land Owners; road widening is usually referred to when land is required within highways boundaries. The boundaries between private land and highways property are assumed by using obvious demarcation such as fence lines/hedges etc. It should be noted that actual boundaries between highways and private land are not substantiated in this report and can only be authenticated by carrying out land searches.
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- All dimensions in meters
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- Area within red outline will be swept by tractor and trailer axles
- Hatched area within red outline to be levelled and prepared to accept axle loadings
- Area within magenta outline will be oversailed by load and projections
- Area within green outline will be oversailed by trailer body





Swept Path indicates trailer utilising MANUAL steering

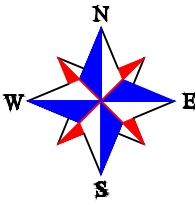
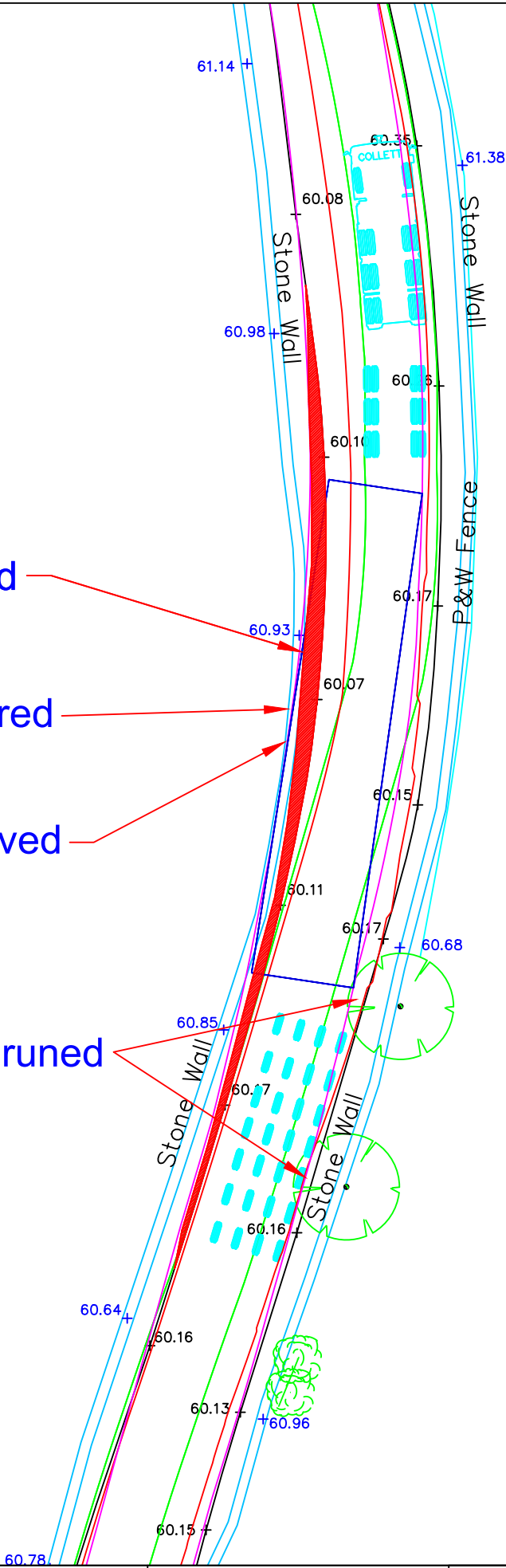
Vestas
V136 Bottom Tower Section
Tower Transporter

Road widening required

Third party land required

Wall to be removed

Trees to be pruned



Continue on the L506 towards site.

****Caution****

- The wall on the nearside is required to be removed as indicated.
- Tree pruning is required on the offside.

Irish Grid Reference: M 31135 75061

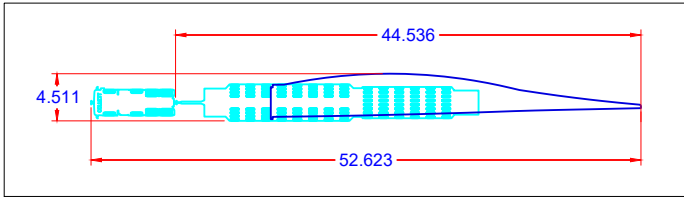
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- © Crown copyright and database rights 2014. Ordnance Survey 0100031673 (EMAP)

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- Area within magenta outline will be oversailed by load and projections
- Area within green outline will be oversailed by trailer body



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Albert Road FAX: +44(0)8456 255244
Halifax, HX2 0DF WEB: www.collett.co.uk

NAME	S.BUDGEN	TITLE	LEFT HAND BEND ON L506	
DATE	19/05/2025	MAPPING TOPOGRAPHICAL SURVEY	CUSTOMER	CUNLAGHFADDA GREEN ENERGY
SCALE 1:250	SIZE A3	PINCH POINT IDENTIFIED BY COLLETT	SITE	CUNLAGHFADDA
			DWG. NO	383371-190B1.1



Swept Path indicates trailer utilising MANUAL steering

Vestas
V136 Blade Component
Blade Lifter Trailer @ 60°



Continue on unnamed road towards site.

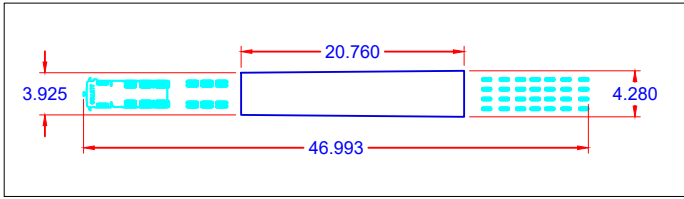
****Caution****

- Oversail is required on both sides of both bends as indicated.

Irish Grid Reference: M 31009 75325

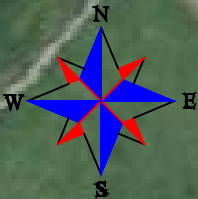
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- © Crown copyright and database rights 2014. Ordnance Survey 0100031673 (EMAP)

- Area within red outline will be swept by tractor and trailer axles
-  Hatched area within red outline to be levelled and prepared to accept axle loadings
- Area within magenta outline will be oversailed by load and projections
- Area within green outline will be oversailed by trailer body



Swept Path indicates trailer utilising MANUAL steering

Vestas
V136 Bottom Tower Section
Tower Transporter



Continue on unnamed road towards site.

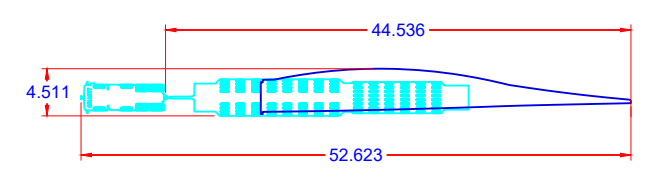
****Caution****

- Oversail is required on the offside of the right hand bend.

Irish Grid Reference: M 31009 75325

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- © Crown copyright and database rights 2014. Ordnance Survey 0100031673 (EMAP)

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- Area within green outline will be oversailed by trailer body



Swept Path indicates trailer utilising MANUAL steering

Vestas
V136 Blade Component
Blade Lifter Trailer @ 60°



Continue on unnamed road towards site.

****Caution****

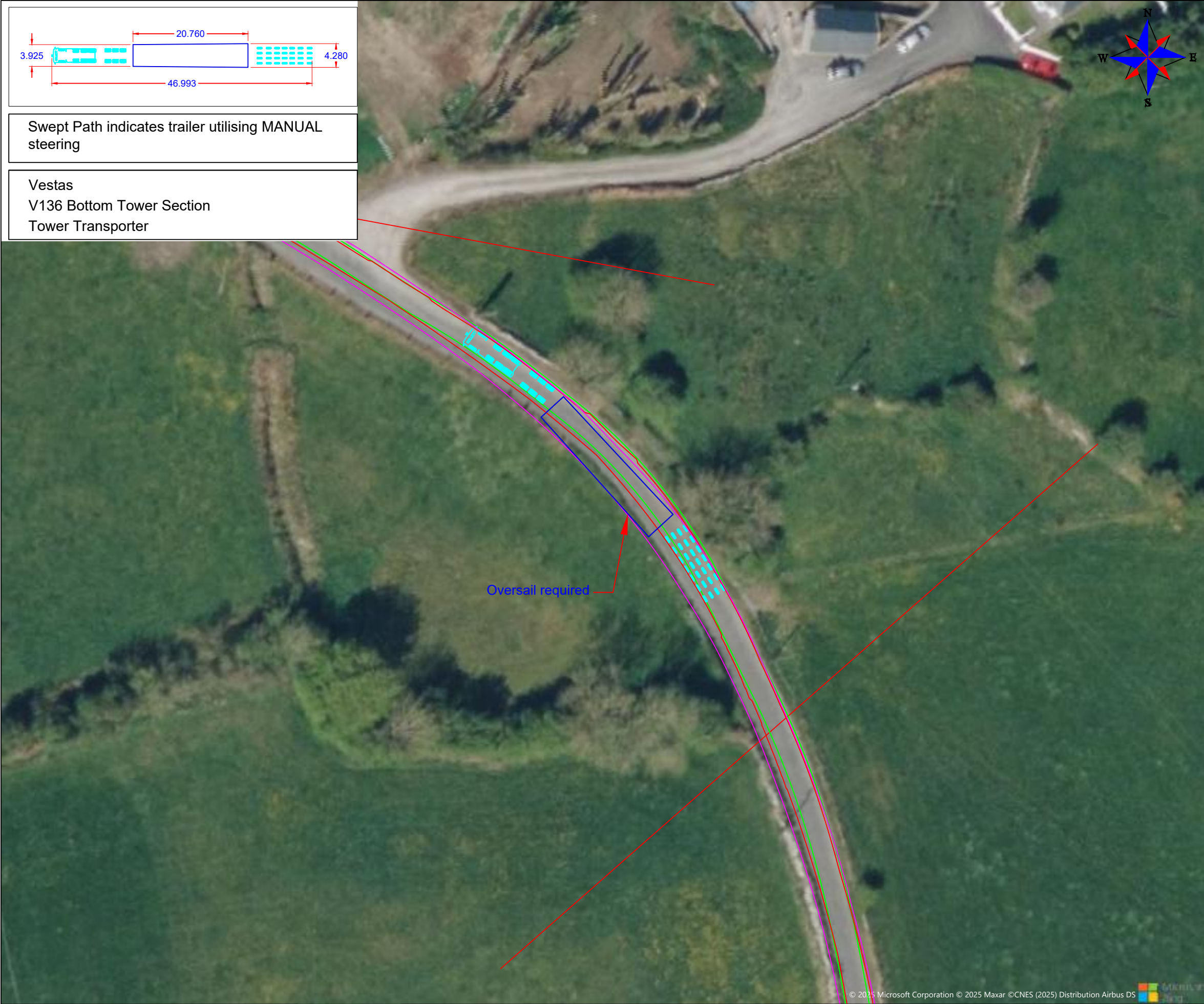
- Oversail is required on the offside of the right hand bend as indicated.
- The overhead lines across this section are required to be removed.
- The blade is required to be lowered prior to the high power lines as indicated.

Irish Grid Reference: M 30980 75416

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	COLLETT & SONS LIMITED Victoria Terminal TEL: +44(0)8456 255288 Albert Road FAX: +44(0)8456 255244 Halifax, HX2 0DF WEB: www.collett.co.uk	NAME	S.BUDGEN	TITLE	LEFT HAND BEND AFTER S BEND ON UNNAMED ROAD TOWARDS SITE		
		DATE	19/05/2025	MAPPING	AERIAL MAPPING	CUSTOMER	CUNLAGHFADDA GREEN ENERGY
		SCALE	1:500	SIZE	A3	PINCH POINT IDENTIFIED BY	COLLETT
				SITE	CUNLAGHFADDA	DWG. NO	383371-210A1.1



Continue on unnamed road towards site.

****Caution****

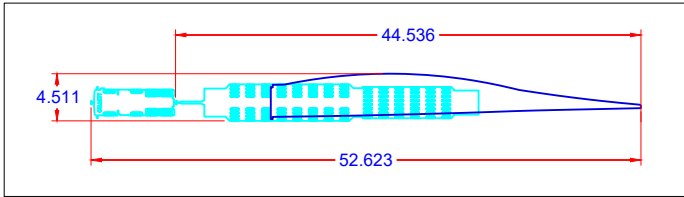
- Oversail is required on the nearside of the bend as the tower section oversails.

Irish Grid Reference: M 30980 75416

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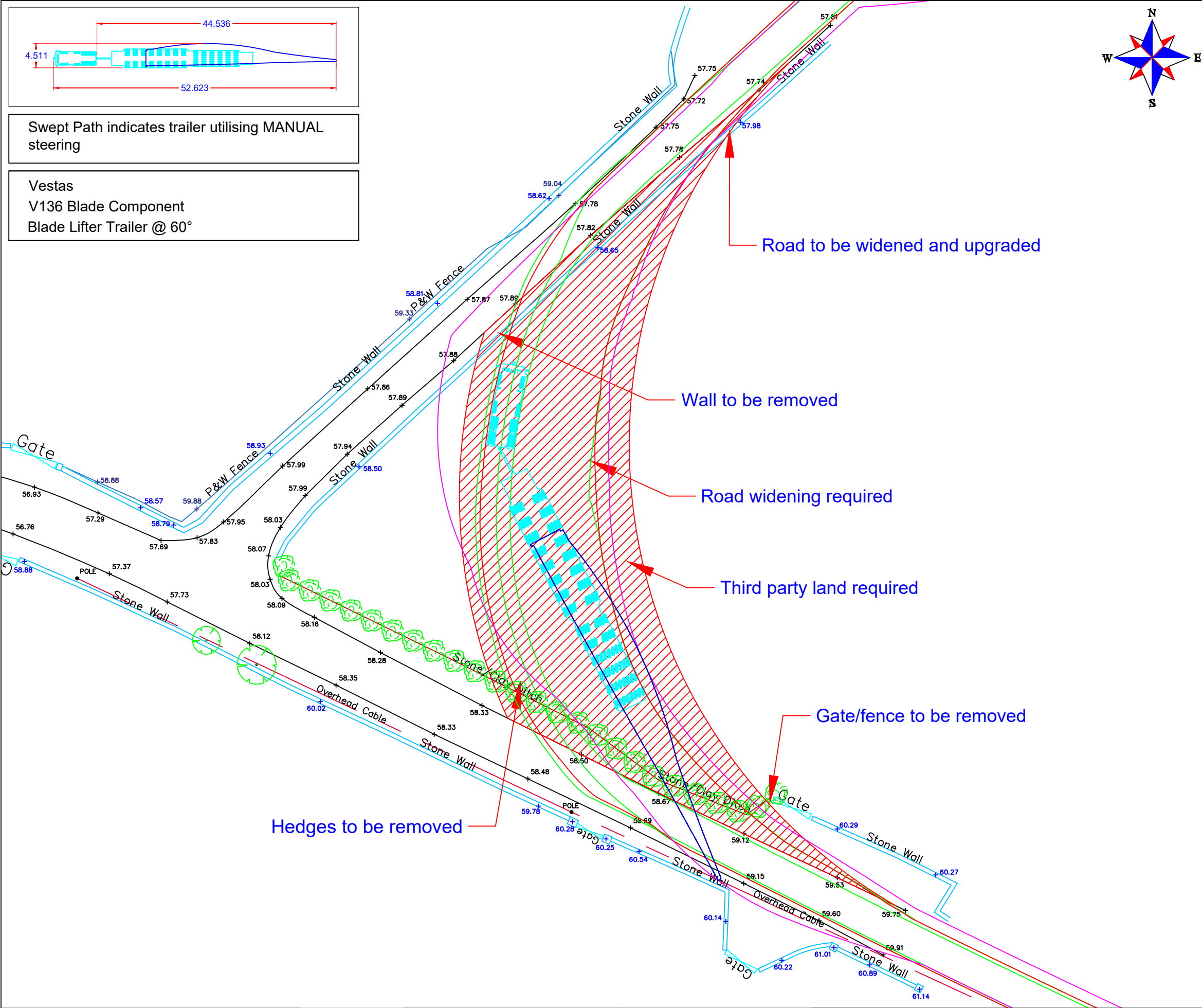
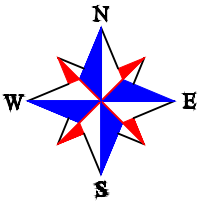
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	COLLETT & SONS LIMITED Victoria Terminal TEL: +44(0)8456 255288 Albert Road FAX: +44(0)8456 255244 Halifax, HX2 0DF WEB: www.collett.co.uk	NAME S.BUDGEN		TITLE LEFT HAND BEND AFTER S BEND ON UNNAMED ROAD TOWARDS SITE		
		DATE 19/05/2025		MAPPING AERIAL MAPPING	CUSTOMER CUNLAGHFADDA GREEN ENERGY	
		SCALE 1:500	SIZE A3	PINCH POINT IDENTIFIED BY COLLETT	SITE CUNLAGHFADDA	DWG. NO 383371-210B1.1



Swept Path indicates trailer utilising MANUAL steering

Vestas
V136 Blade Component
Blade Lifter Trailer @ 60°



- At the junction, turn right onto the unnamed road towards site.
- **Caution****
- The blade is required to be raised back to 60° prior to this junction.
 - Third party land is required on the offside of the junction to allow the loaded vehicle to navigate.
 - Road widening is required on the offside of L1505 and L15053 as indicated by the red hatching.
 - The wall, gate and hedge section on the offside of the L1505 are required to be removed as indicated.
 - The wall and fence on the offside of the L15053 are required to be removed as indicated.

Irish Grid Reference: M 28316 76987

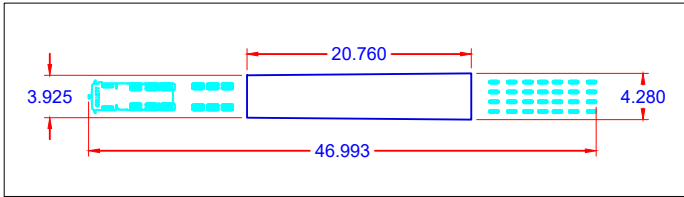
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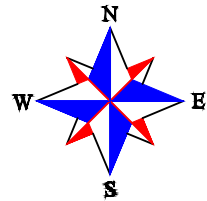
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Halifax, HX2 0DF WEB: www.collett.co.uk

NAME		S.BUDGEN	TITLE			UNNAMED ROAD - SITE ACCESS JUNCTION	
DATE		19/05/2025	MAPPING	TOPOGRAPHICAL DATA	CUSTOMER	CUNLAGHFADDA GREEN ENERGY	
SCALE	NTS	SIZE	A3	PINCH POINT IDENTIFIED BY	CLIENT	SITE	CUNLAGHFADDA
						DWG. NO	383371-220A1.1



Swept Path indicates trailer utilising MANUAL steering

Vestas
V136 Bottom Tower Section
Tower Transporter



At the junction, turn right onto the unnamed road towards site.

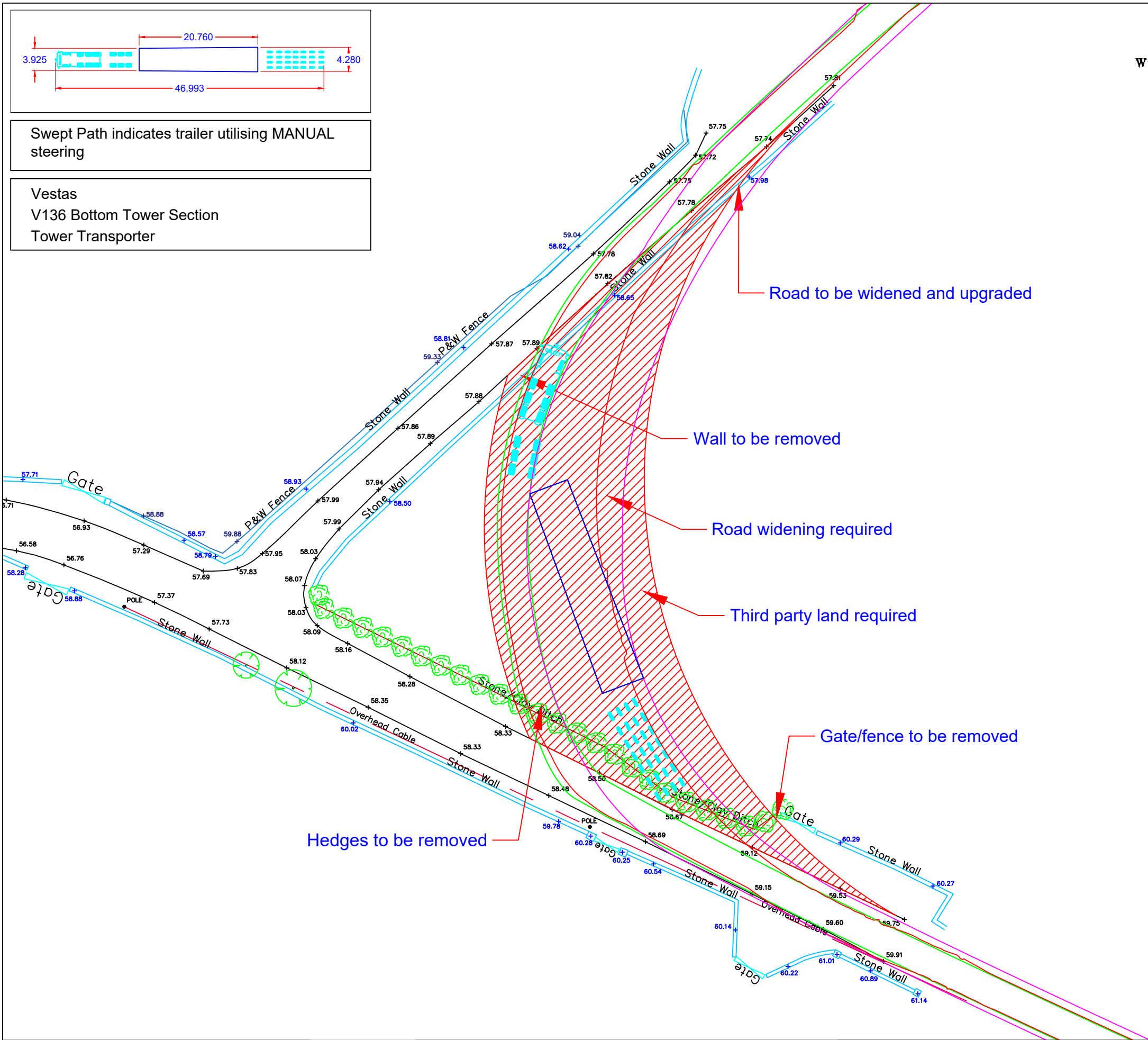
****Caution****

- Third party land is required on the offside of the junction to allow the loaded vehicle to navigate.
- Road widening is required on the offside of the L1505 and L15053 as indicated by the red hatching.
- The wall, gate and hedge section on the offside of the L1505 are required to be removed as indicated.
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Irish Grid Reference: M 28316 76987

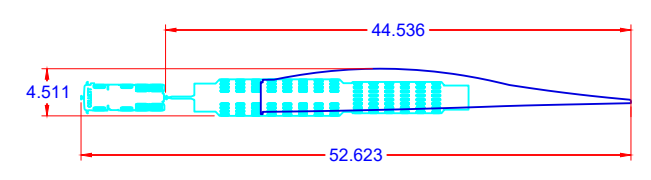
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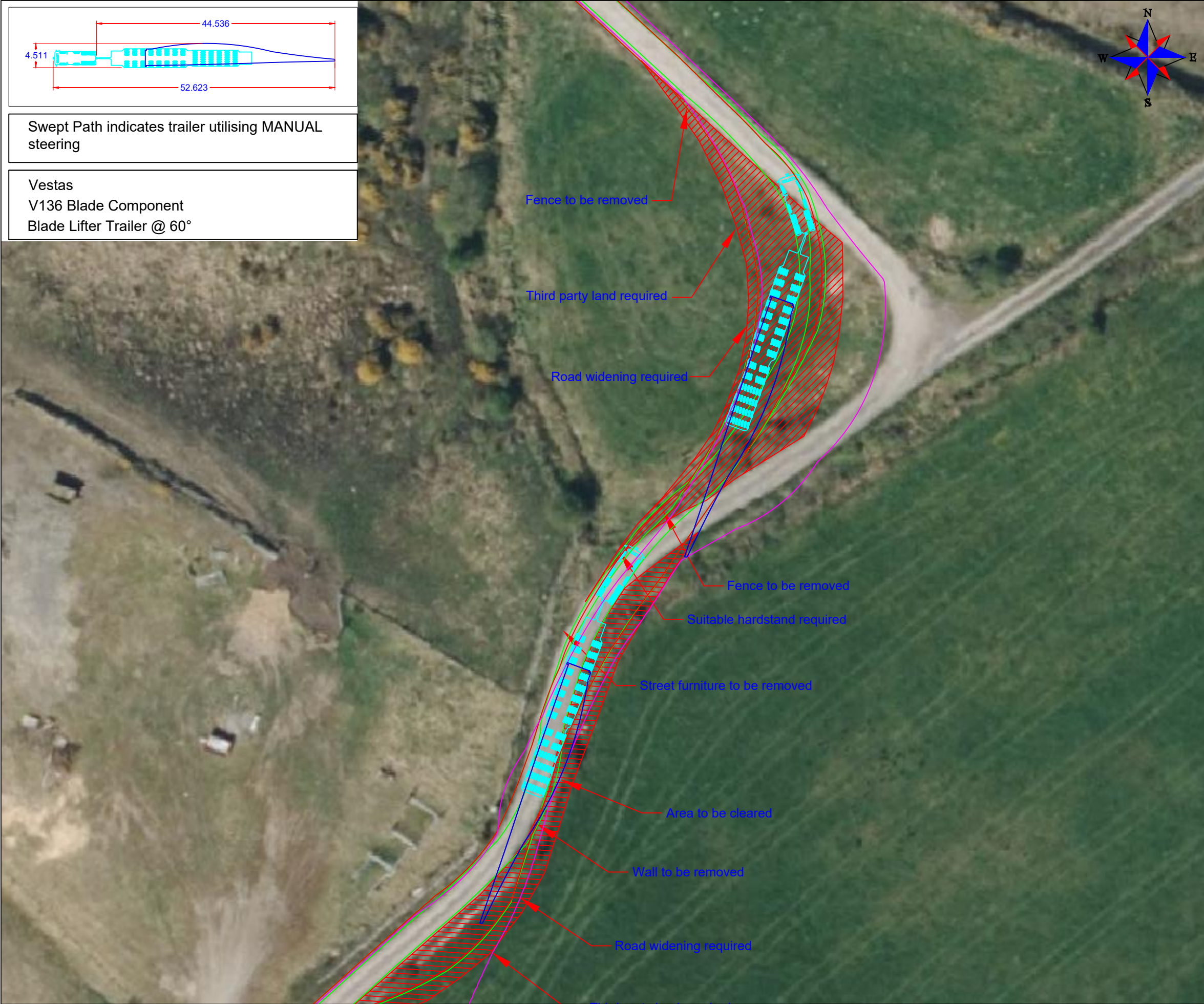
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Halifax, HX2 0DF WEB: www.collett.co.uk

NAME	S.BUDGEN	TITLE	UNNAMED ROAD - SITE ACCESS JUNCTION		
DATE	19/05/2025	MAPPING	TOPOGRAPHICAL DATA	CUSTOMER	CUNLAGHFADDA GREEN ENERGY
SCALE	NTS	SIZE	A3	PINCH POINT IDENTIFIED BY	CLIENT
				SITE	CUNLAGHFADDA
				DWG. NO	383371-220B1.1



Swept Path indicates trailer utilising MANUAL steering

Vestas
V136 Blade Component
Blade Lifter Trailer @ 60°



At the junction, turn left onto the track towards site.

****Caution****

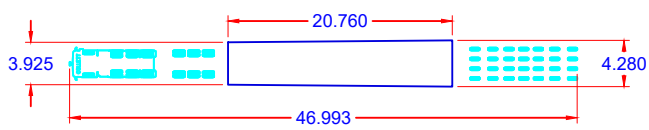
- Third party land is required on both sides of the road as indicated.
- Road widening is required as indicated by the red hatching - this area is required to be cleared and prepared to accept suitable axle loadings.
- The street furniture, fence and walls on the nearside are required to be removed as indicated.
- Any overhead obstruction is required to be removed to allow the raised blade to navigate.

Irish Grid Reference: M 28458 77133

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- All swept path diagrams and assessments are made and calculated for the road movement of loaded trailer equipment carrying Turbine components. These dimensions are based on the turning circles and specification of Collett & Sons Ltd trailer equipment.
- This SPA is a means of providing evidence of minimum requirements of any one vehicle as a footprint and there is no safety factor or margin included.
- Turbine delivery vehicles can be both left and right hand drive vehicles, therefore due to drivers perception it must be assumed that every vehicle will not follow the exact same line and so a margin of additional space should be allowed for.
- Land take is usually referred to when land is required from Private Land Owners; road widening is usually referred to when land is required within highways boundaries. The boundaries between private land and highways property are assumed by using obvious demarcation such as fence lines/hedges etc. It should be noted that actual boundaries between highways and private land are not substantiated in this report and can only be authenticated by carrying out land searches.
- Police escorts and permits will be required for the movement of all of the components. Form 'BE16' permits will also be required to undertake the movement of the vehicle shown in the swept path analysis. These permits are at the discretion of the Highway Agency (HA). Therefore, approval of these 'permits for movements' by the HA are a major consideration before the physical capability to deliver these components are undertaken.
- In critical areas, where modifications are required, the road construction must be formed to the minimum specification contained in the Turbine Manufactures Transport Guidance Notes.
- The Turbine Manufactures Transport Guidance Notes will state the minimum road width required for the transport of components. Any roads below this stated width will require widening to reflect this regardless of any swept path analysis not indicating modifications.
- The information is privileged and confidential and is for the exclusive use of the nominated client.
- All dimensions in meters
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- Area within red outline will be swept by tractor and trailer axles
-  Hatched area within red outline to be levelled and prepared to accept axle loadings
- Area within magenta outline will be oversailed by load and projections
- Area within green outline will be oversailed by trailer body

	COLLETT & SONS LIMITED		NAME	S.BUDGEN	TITLE		SITE ACCESS JUNCTION	
	Victoria Terminal TEL: +44(0)8456 255288		DATE	19/05/2025	MAPPING		CUSTOMER	
	Albert Road FAX: +44(0)8456 255244				AERIAL MAPPING		CUNLAGHFADDA GREEN ENERGY	
	Halifax, HX2 0DF WEB: www.collett.co.uk		SCALE 1:500	SIZE A3	PINCH POINT IDENTIFIED BY CLIENT		SITE	DWG. NO 383371-230A1.1



Swept Path indicates trailer utilising MANUAL steering

Vestas
V136 Bottom Tower Section
Tower Transporter



At the junction, turn left onto the track towards site.

****Caution****

- Third party land is required on both sides of the road as indicated.
- Road widening is required as indicated by the red hatching - this area is required to be cleared and prepared to accept suitable axle loadings.
- The street furniture, fence and walls on the nearside are required to be removed as indicated.

Irish Grid Reference: M 28458 77133

- The swept path analysis provided is produced from a purely transport orientated view, and does not consider any political issues in terms of land ownership, or any other precincts raised, that may otherwise be restrictive.
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							CUNLAGHFADDA	383371-230B1.1