

Oweninny Wind Farm Phase 3

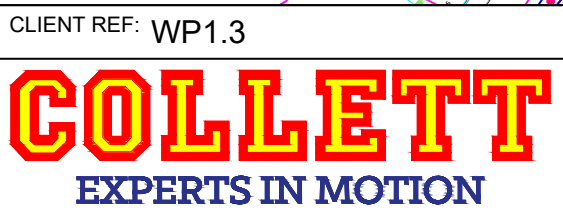
Environmental Impact Assessment Report

Appendix 17.1 Haul Route: Swept Path Analysis Drawings



Swept Path indicates trailer utilising MANUAL steering

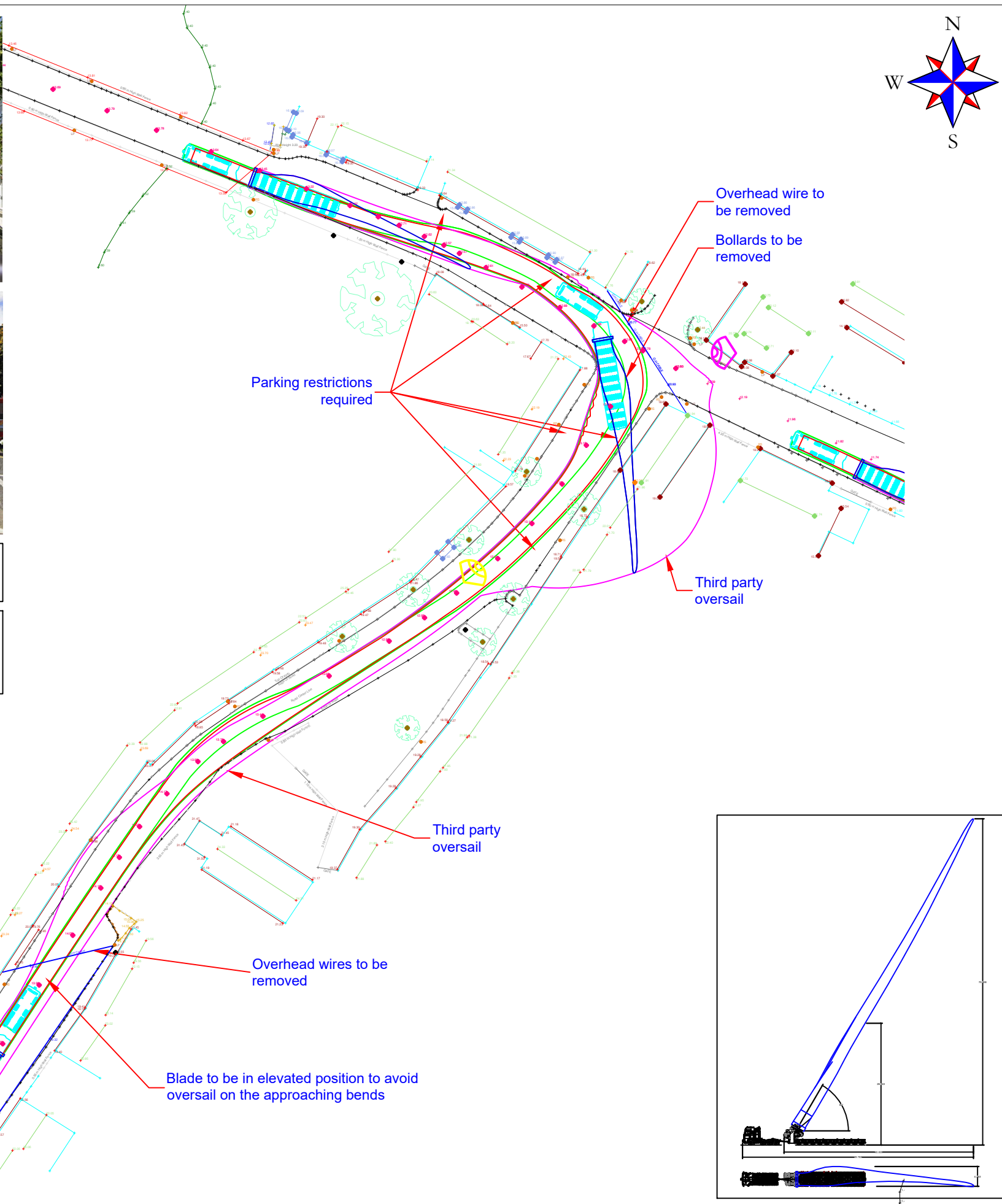
Generic
155 Blade
Blade Lift Adapter elevated to 60°



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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

DRAWN R. WEBSTER
DATE 28/06/21
SCALE 1:750 SIZE A3

TITLE
JUNCTION OF MAIN STREET AND N26
MAPPING PROVIDED BY CLIENT CUSTOMER BORD NA MONA
PINCH POINT IDENTIFIED BY CLIENT SITE OWENINNY WIND FARM DWG. NO. 359222-070B1.1



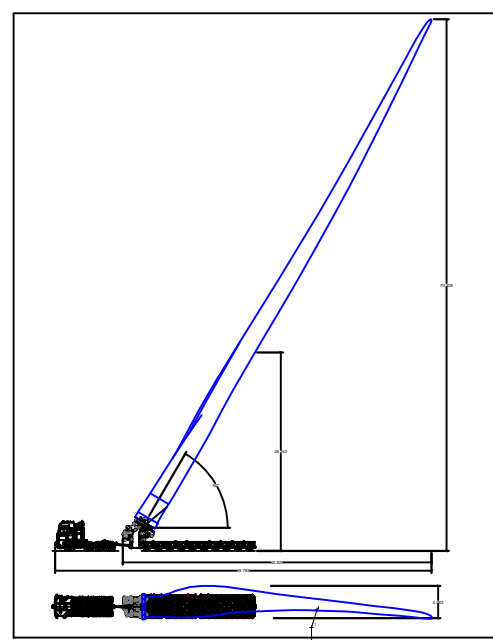
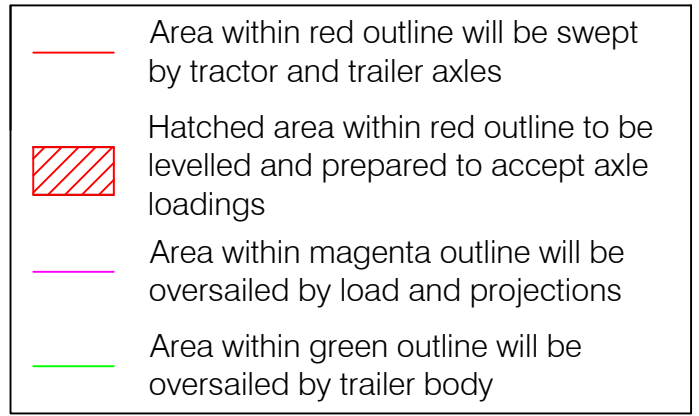
Continue along Main Street to the junction with the N26. Turn left at the junction.

****Caution****

- Third party land will be required on the offside of Main Street in front of the church and at the junction with the N26 to allow the blade to oversail.
- The bollards in the junction are to be removed.
- Parking restrictions will be required on both sides of Main Street approaching the junction and on the offside of the N26 towards Ballina just after the turn to provide unobstructed passage for the loaded component at this location.
- Overhead wires are to be removed where indicated.

- 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 will 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 will 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. 'Permits for movements' by the LA 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.
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- All dimensions in metres.

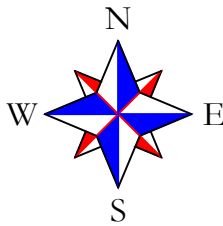
IRISH Grid Reference: G 26953 04086





Swept Path indicates trailer utilising MANUAL steering

Generic 155 Blade
Blade Lift Adapter elevated to 60°



Continue to junction of Davitt Street & Morrogh Bernard Road. At the junction, turn right onto Morrogh Bernard Road.
****Caution****

- Third party land will be required on the nearside of the of Davitt Street to allow the rear projection to oversail during the turn.
- Overhead wires prior to the turn are to be removed.

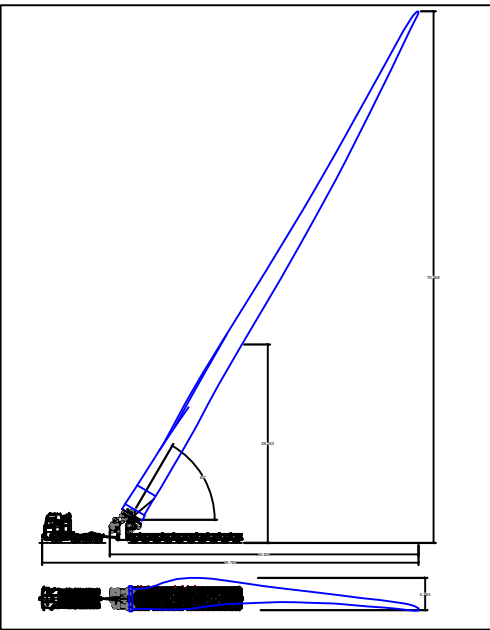
Oversailing third party land

Remove overhead wires

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IRISH Grid Reference: G 26831 03948

- 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



CLIENT REF: WP1.13



COLLETT & SONS LIMITED
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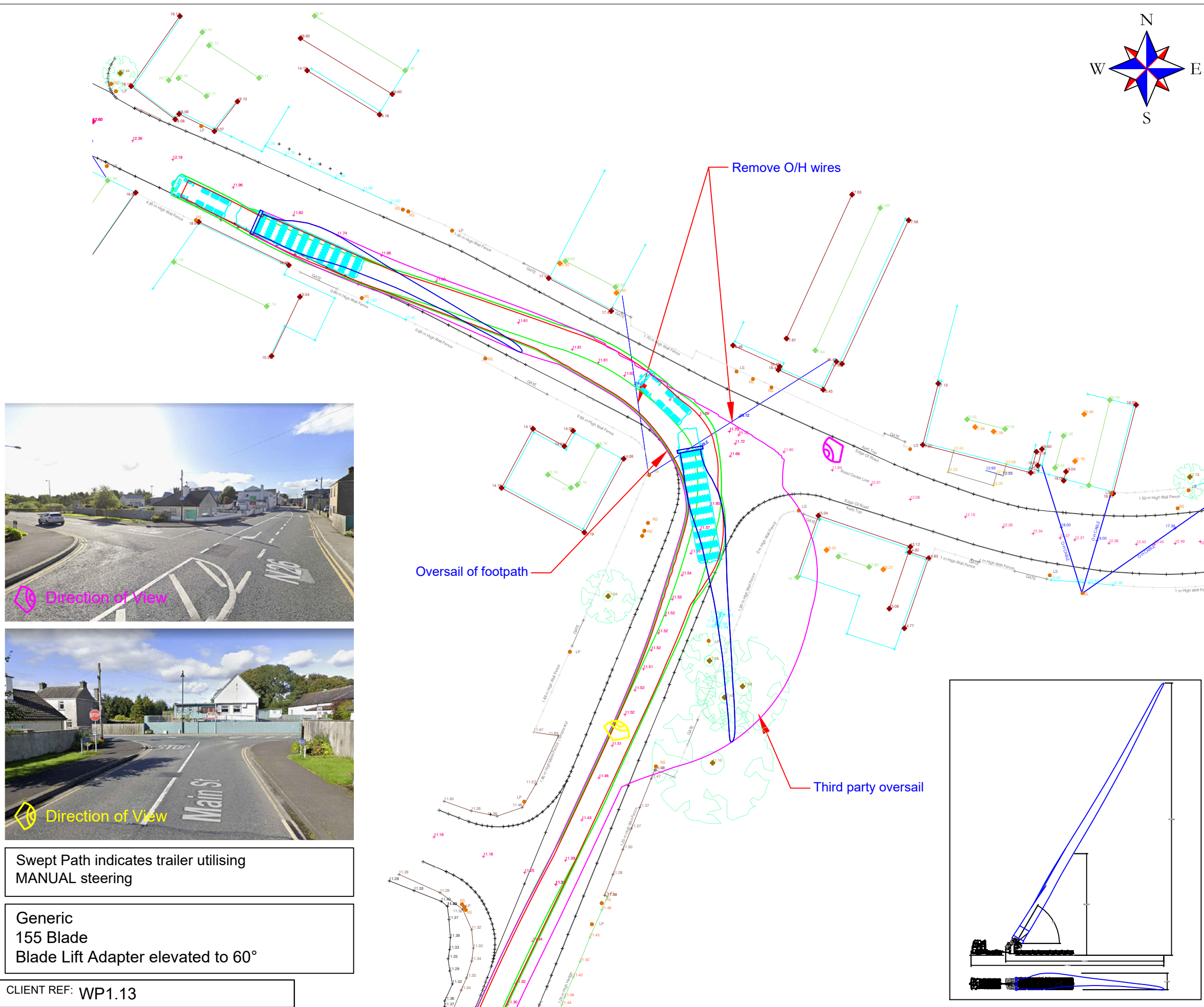
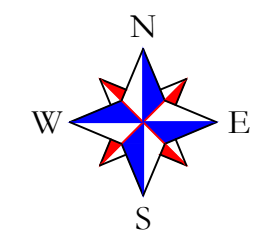
DRAWN R. WEBSTER
DATE 28/06/21
SCALE 1:500 SIZE A3

TITLE OPTION 2 - JUNCTION OF DAVITT STREET (N58) & MORROGH BERNARD ROAD (N58)
MAPPING PROVIDED BY CLIENT CUSTOMER BORD NA MONA
PINCH POINT IDENTIFIED BY CLIENT SITE OWENINNY WIND FARM DWG. NO. 359222-080B1.1

Continue on Morrogh Bernard Road to junction with N26. Turn left onto N26.

****Caution****

- Third party land will be required on the offside of the of Morrogh Bernard Road to allow the rear projection to oversail during the left turn.
- The loaded component will oversail the footpath on the nearside of the junction.
- Two overhead cables across N26 are to be removed to give unobstructed passage through the airspace.



Swept Path indicates trailer utilising MANUAL steering

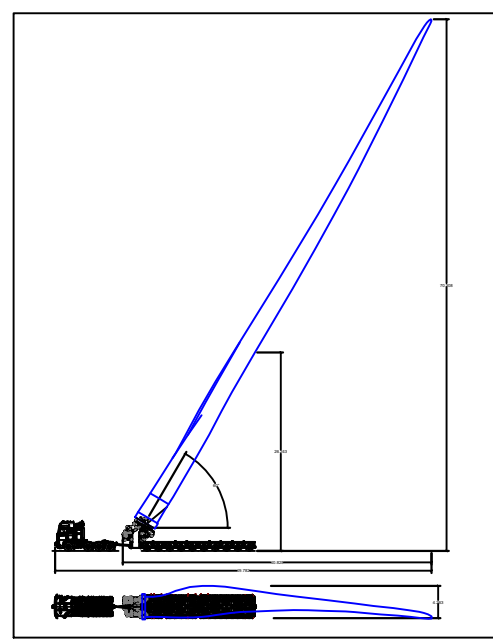
Generic
155 Blade
Blade Lift Adapter elevated to 60°

CLIENT REF: WP1.13

- 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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- 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 will 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 will 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. 'Permits for movements' by the LA 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 Manufacturers Transport Guidance Notes.
- The Turbine Manufacturers 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.
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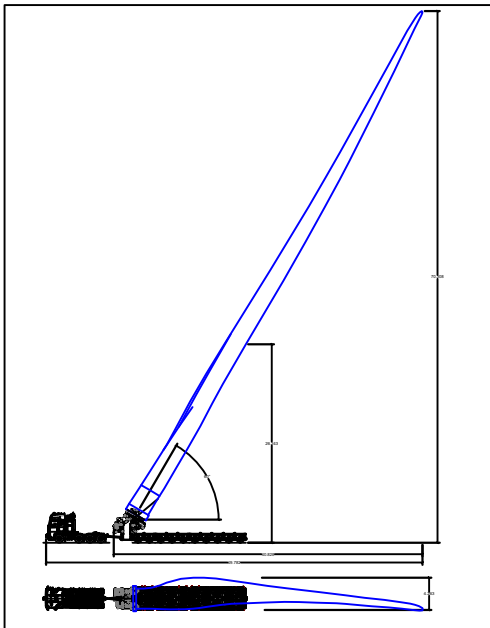
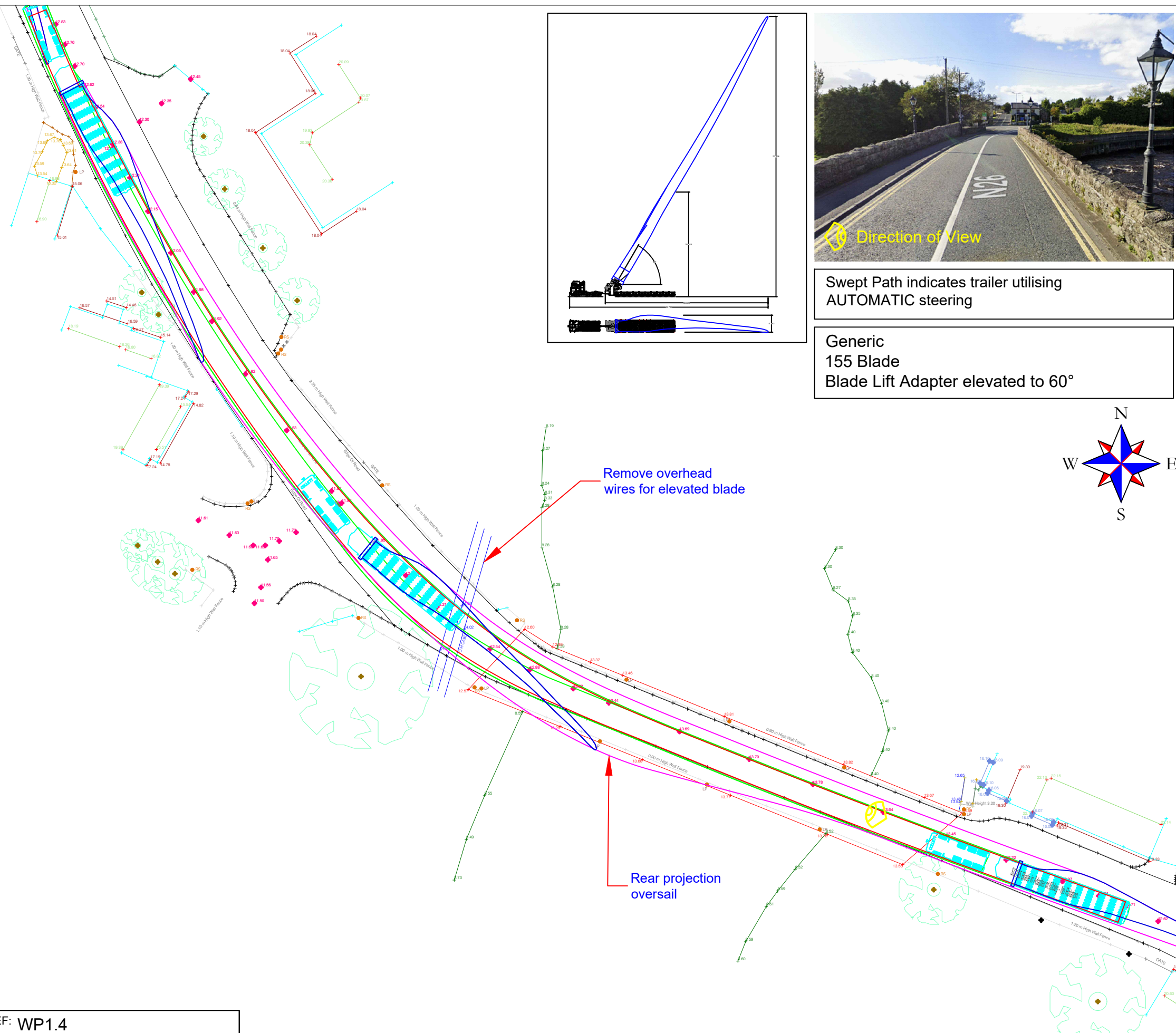
IRISH Grid Reference: G 27040 04045

- 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

DRAWN	R. WEBSTER	TITLE	OPTION 2- JUNCTION OF MORROGH BERNARD ROAD (N58) & N26		
DATE	28/06/21	MAPPING	PROVIDED BY CLIENT	CUSTOMER	
SCALE	1:500	SIZE	A3	PINCH POINT IDENTIFIED BY	CLIENT
			SITE	OWENINNY WIND FARM	DWG. NO. 359222-081B1.1
			CUSTOMER BORD NA MONA		



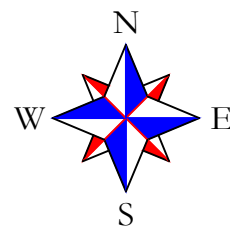
Swept Path indicates trailer utilising
AUTOMATIC steering

Generic
155 Blade
Blade Lift Adapter elevated to 60°

Continue on the N26, crossing the river Moy to the right bend.

****Caution****

- Utilisation of the full extents of the road will be required at this location.
- Overhead wires at the far end of the bridge are to be removed to allow unobstructed passage through the airspace.
- The rear projection of the blade will oversail the bridge parapet wall on the nearside as the vehicle commences the right bend.



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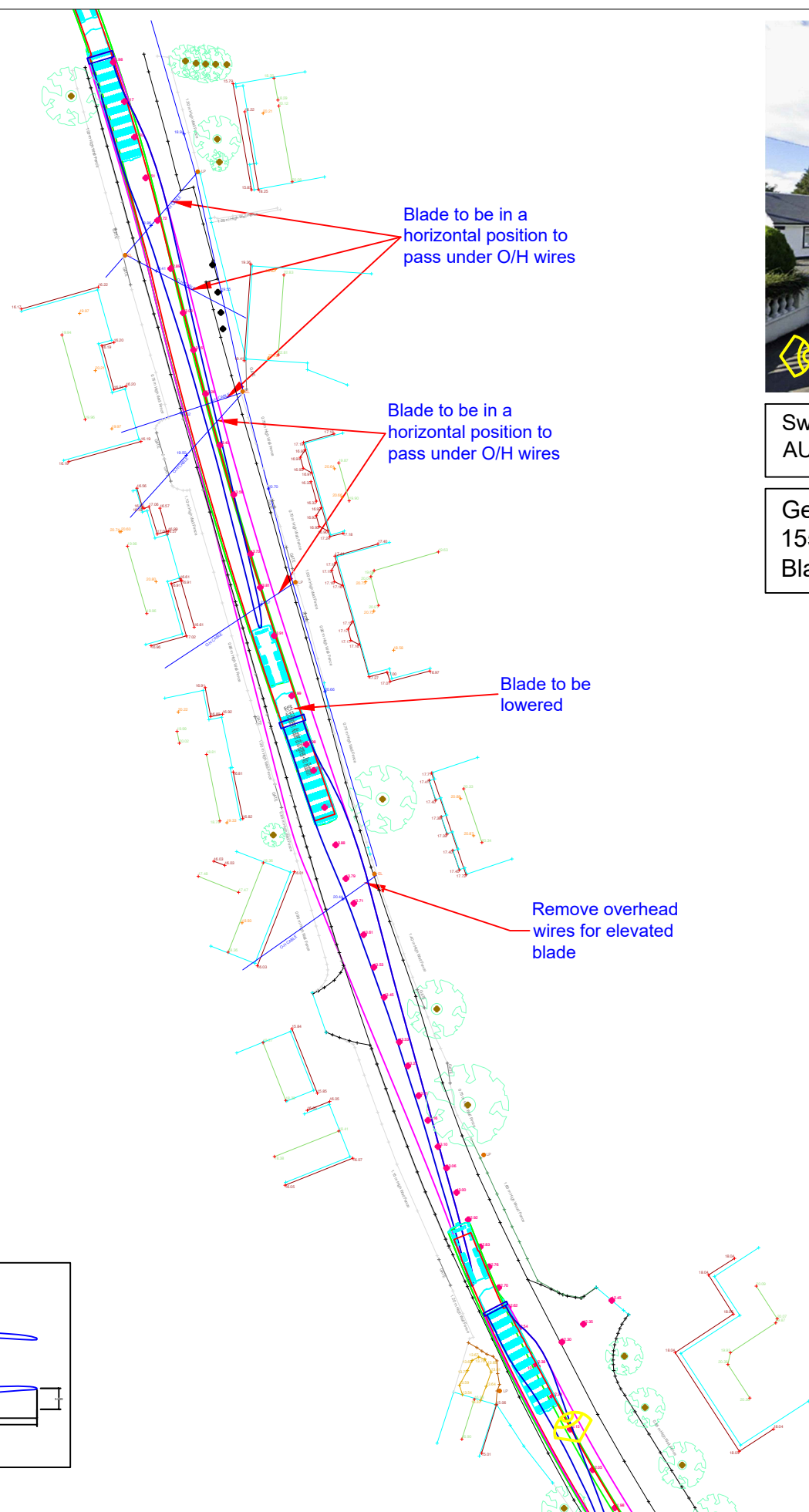
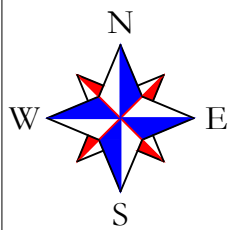
IRISH Grid Reference: G 26857 04130

- 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

CLIENT REF: WP1.4

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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

DRAWN	R. WEBSTER	TITLE	RIGHT BEND & BRIDGE CROSSING ON N26, FOXFORD		
DATE	29/06/21	MAPPING	PROVIDED BY CLIENT	CUSTOMER	BORD NA MONA
SCALE	1:500	SIZE	A3	PINCH POINT IDENTIFIED BY	CLIENT
			SITE	OWENINNY WIND FARM	DWG. NO. 359222-090B0.1



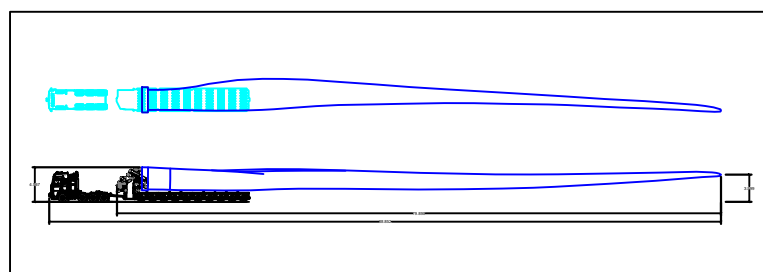
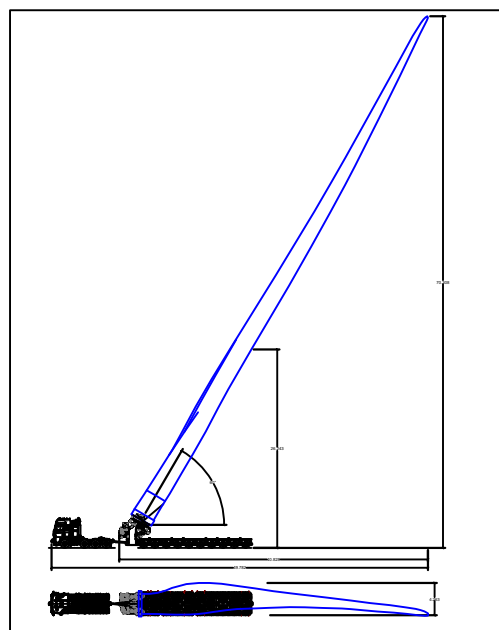
Swept Path indicates trailer utilising AUTOMATIC steering

Generic 155 Blade
Blade Lift Adapter lowered & elevated to 60°

Continue on the N26, crossing the river Moy to the right bend.

****Caution****

- Overhead wires crossing the N26, where indicated, are to be removed to allow unobstructed passage through the airspace.
- The blade is to be lowered where possible to allow the loaded component to pass underneath overhead wires.



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- All dimensions in metres.

IRISH Grid Reference: G 26751 04307

- 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

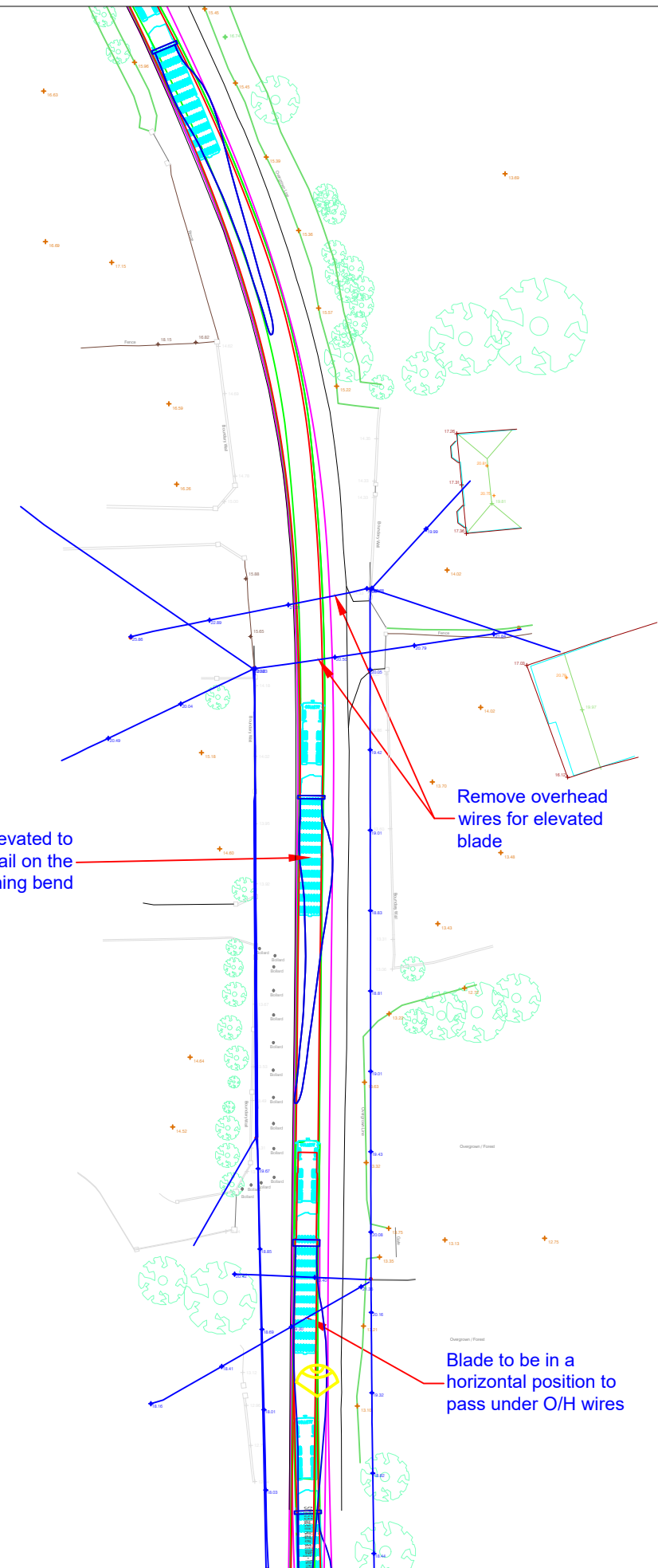
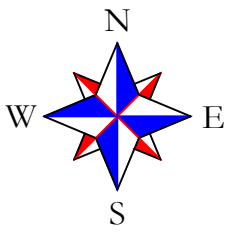
CLIENT REF: WP1.4

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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

DRAWN R. WEBSTER
DATE 29/06/21
SCALE 1:750 SIZE A3

TITLE N26, HEADING OUT OF FOXFORD
MAPPING PROVIDED BY CLIENT CUSTOMER BORD NA MONA
PINCH POINT IDENTIFIED BY CLIENT SITE OWENINNY WIND FARM DWG. NO. 359222-091B0.1



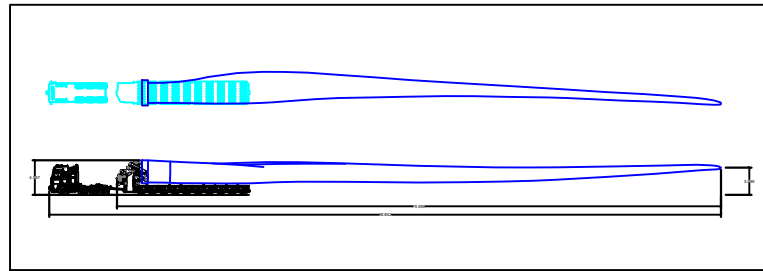
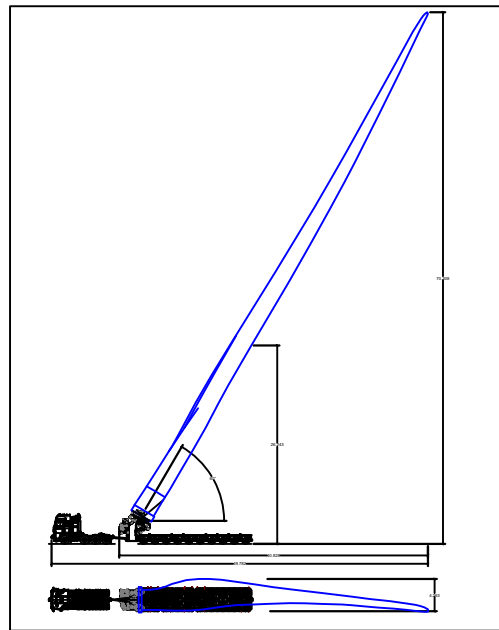
Swept Path indicates trailer utilising
AUTOMATIC steering

Generic
155 Blade
Blade Lift Adapter elevated to 60°

Continue on the N26 to the left bend.

****Caution****

- Overhead wires crossing the N26, where indicated, are to be removed to allow unobstructed passage through the airspace.
- The blade is to be lowered where possible to allow the loaded component to pass underneath overhead wires.



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IRISH Grid Reference: G 26172 06831

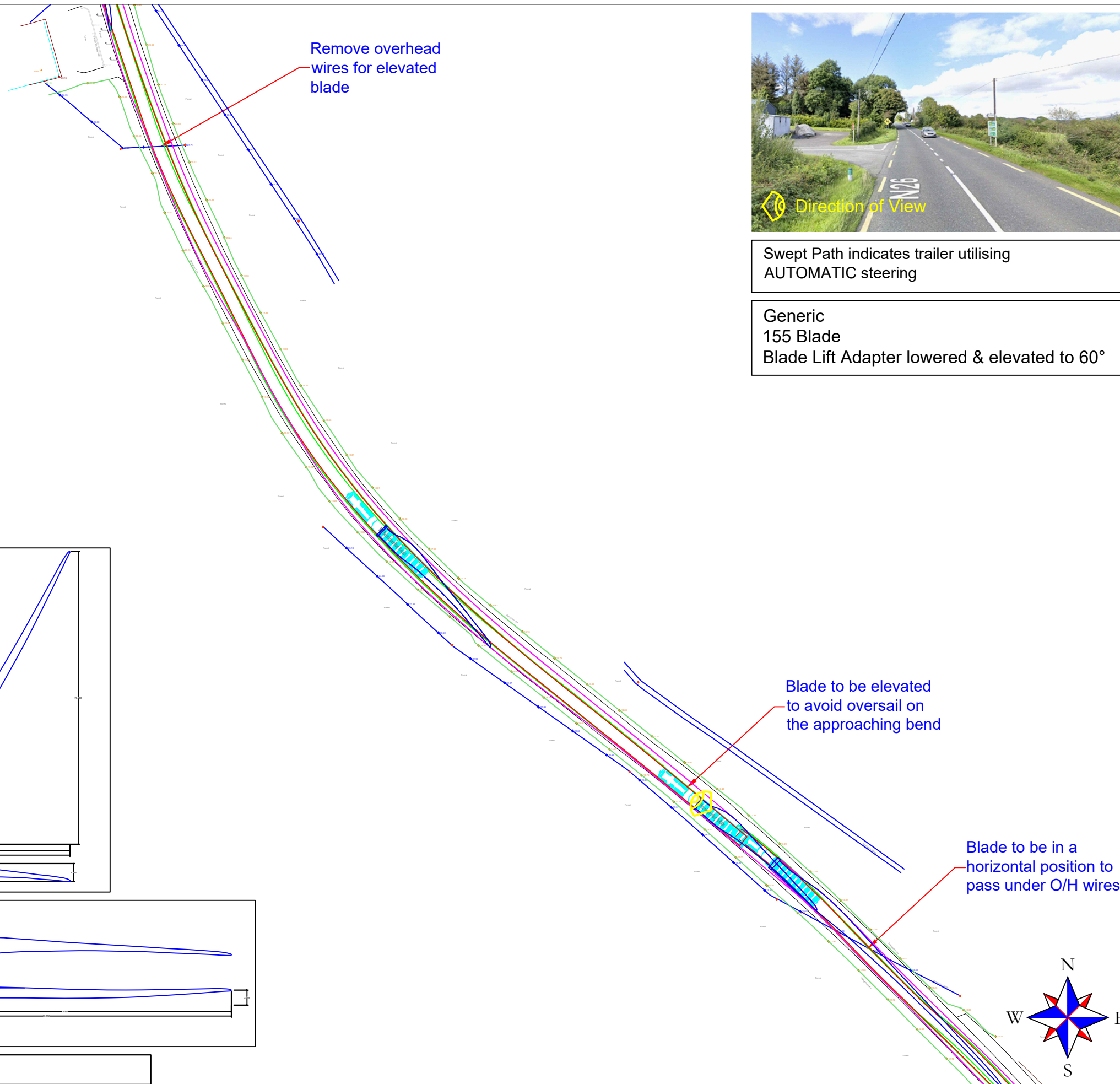
- Area within red outline will be swept by tractor and trailer axles
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CLIENT REF: WP1.5

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DRAWN	R. WEBSTER	TITLE	APPROACH TO A LEFT BEND IN A HAMLET NORTH OF FOXFORD		
DATE	29/06/21	MAPPING	PROVIDED BY CLIENT	CUSTOMER	
SCALE	1:750	SIZE	A3	PINCH POINT IDENTIFIED BY	CLIENT
			SITE	OWENINNY WIND FARM	DWG. NO. 359222-100B0.1
			BORD NA MONA		



Swept Path indicates trailer utilising AUTOMATIC steering

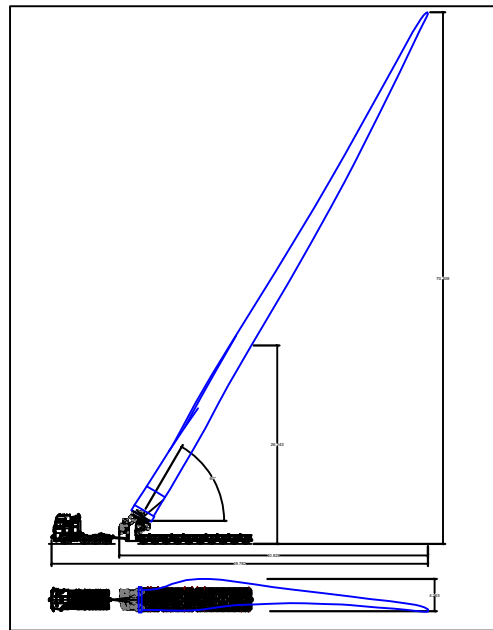
Generic 155 Blade
Blade Lift Adapter lowered & elevated to 60°

Continue on the N26.

****Caution****

- Overhead wires crossing the N26, where indicated, are to be removed to allow unobstructed passage through the airspace.
- The blade is to be lowered where possible to allow the loaded component to pass underneath overhead wires.

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IRISH Grid Reference: G 25542 08712

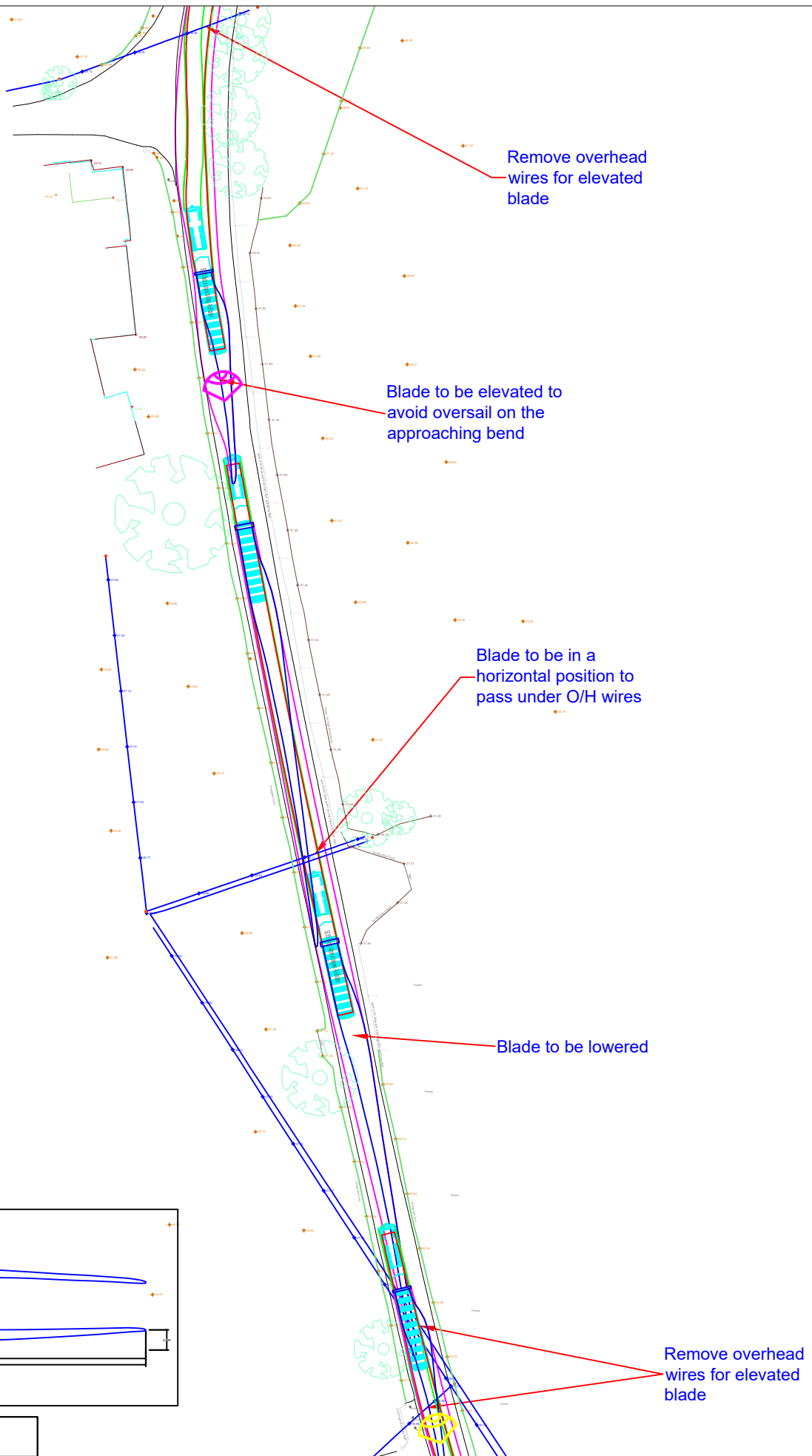
- Area within red outline will be swept by tractor and trailer axles
- Hatched area within red outline to be levelled and prepared to accept axle loadings
- Area within magenta outline will be oversailed by load and projections
- Area within green outline will be oversailed by trailer body

CLIENT REF: WP1.6



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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

DRAWN	R. WEBSTER	TITLE	RIGHT BEND ON N26	
DATE	29/06/21	MAPPING	PROVIDED BY CLIENT	CUSTOMER
SCALE	1:1000	SIZE	A3	PINCH POINT IDENTIFIED BY
			CLIENT	SITE
				OWENINNY WIND FARM
				DWG. NO. 359222-110B0.1
				BORD NA MONA



Swept Path indicates trailer utilising AUTOMATIC steering

Generic 155 Blade
Blade Lift Adapter lowered & elevated to 60°

Continue on the N26.

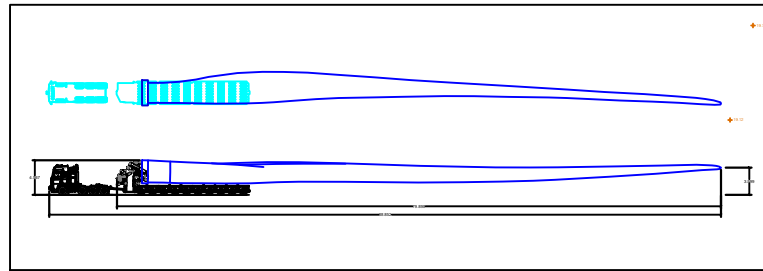
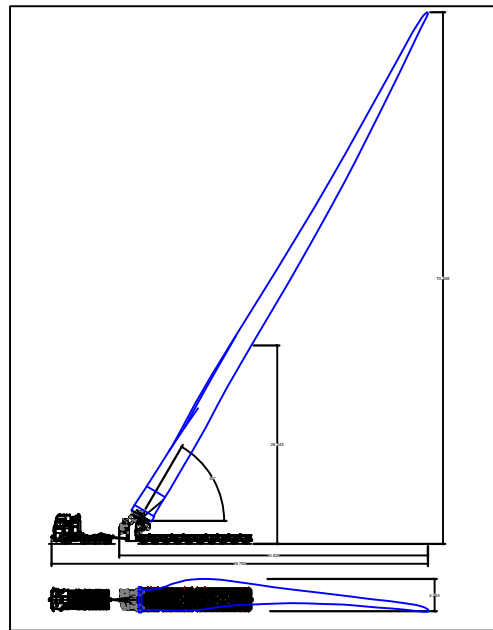
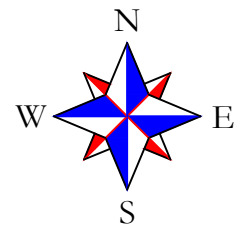
****Caution****

- Overhead wires crossing the N26, where indicated, are to be removed to allow unobstructed passage through the airspace.
- Utilisation of the full extents of the road is required at this location to navigate the bend.
- The blade is to be lowered where possible to allow the loaded component to pass underneath overhead wires.

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- 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 will 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 will 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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- 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 metres.

IRISH Grid Reference: G 25461 08933

- 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

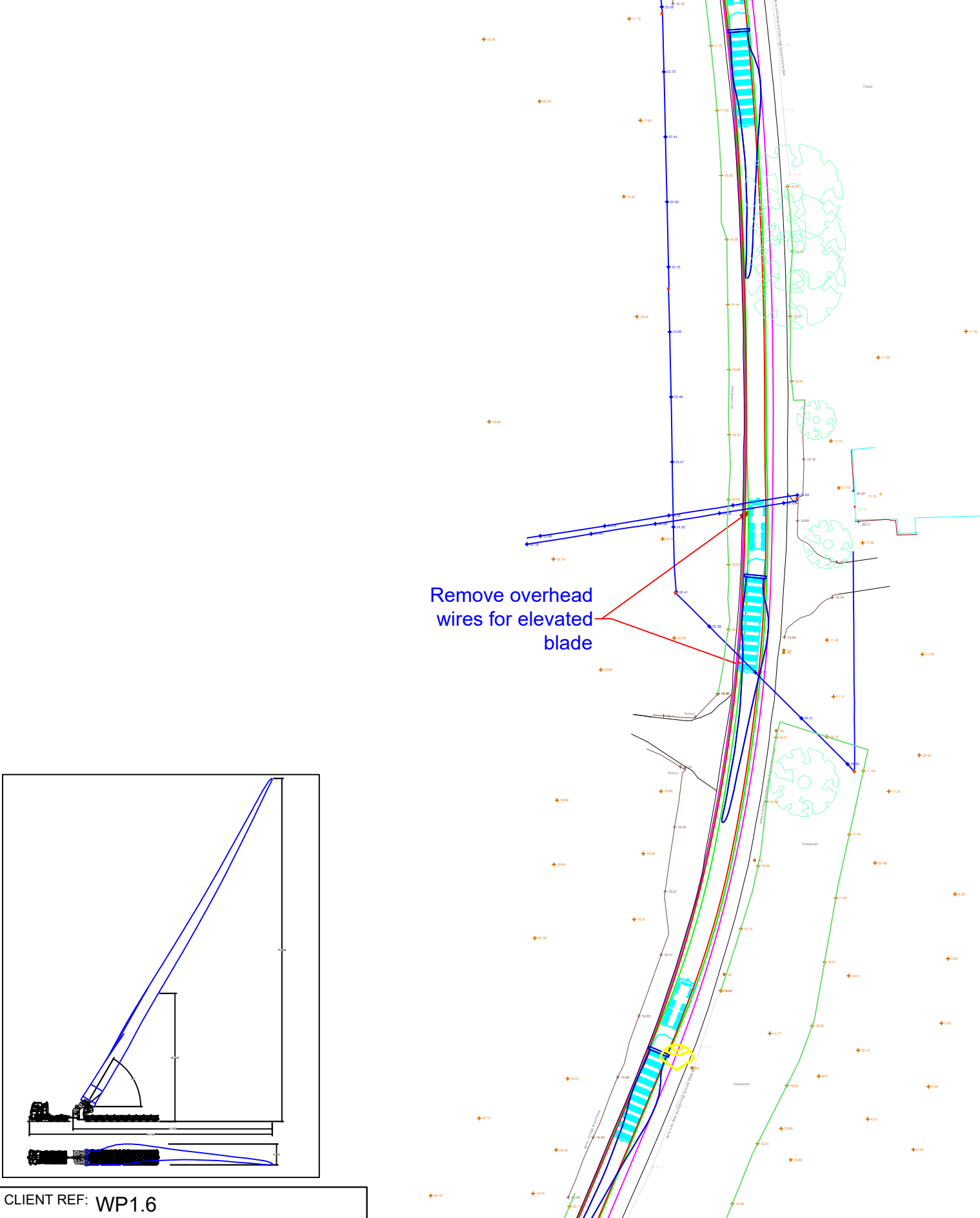


CLIENT REF: WP1.6



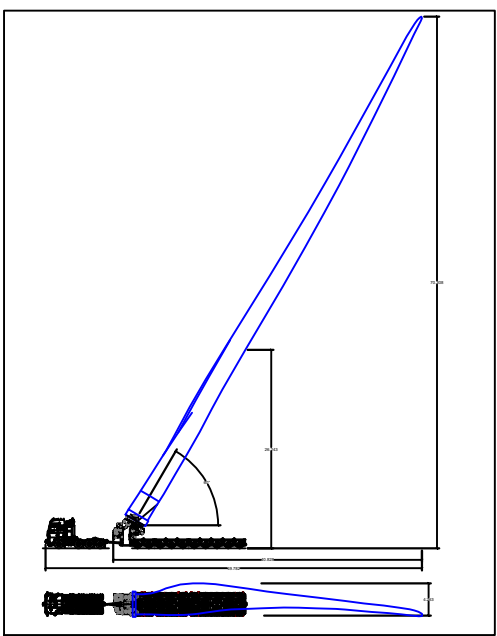
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Halifax, HX2 0DF WEB: www.collett.co.uk

DRAWN	R. WEBSTER	TITLE	OVERHEAD CABLES ON N26 - JUNCTION WITH L1317		
DATE	30/06/21	MAPPING	PROVIDED BY CLIENT	CUSTOMER	BORD NA MONA
SCALE	1:1000	SIZE	A3	PINCH POINT IDENTIFIED BY	CLIENT
			SITE	OWENINNY WIND FARM	DWG. NO. 359222-111B0.1



Swept Path indicates trailer utilising
AUTOMATIC steering

Generic
155 Blade
Blade Lift Adapter elevated to 60°



CLIENT REF: WP1.6



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DRAWN R. WEBSTER
DATE 30/06/21
SCALE 1:750 SIZE A3

TITLE OVERHEAD CABLES ON N26 - LEFT BEND
MAPPING PROVIDED BY CLIENT CUSTOMER BORD NA MONA
PINCH POINT IDENTIFIED BY CLIENT SITE OWENINNY WIND FARM DWG. NO. 359222-112B0.1

Continue on the N26.

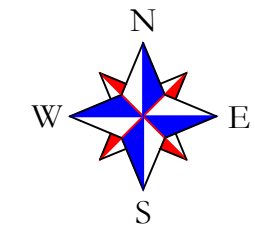
****Caution****

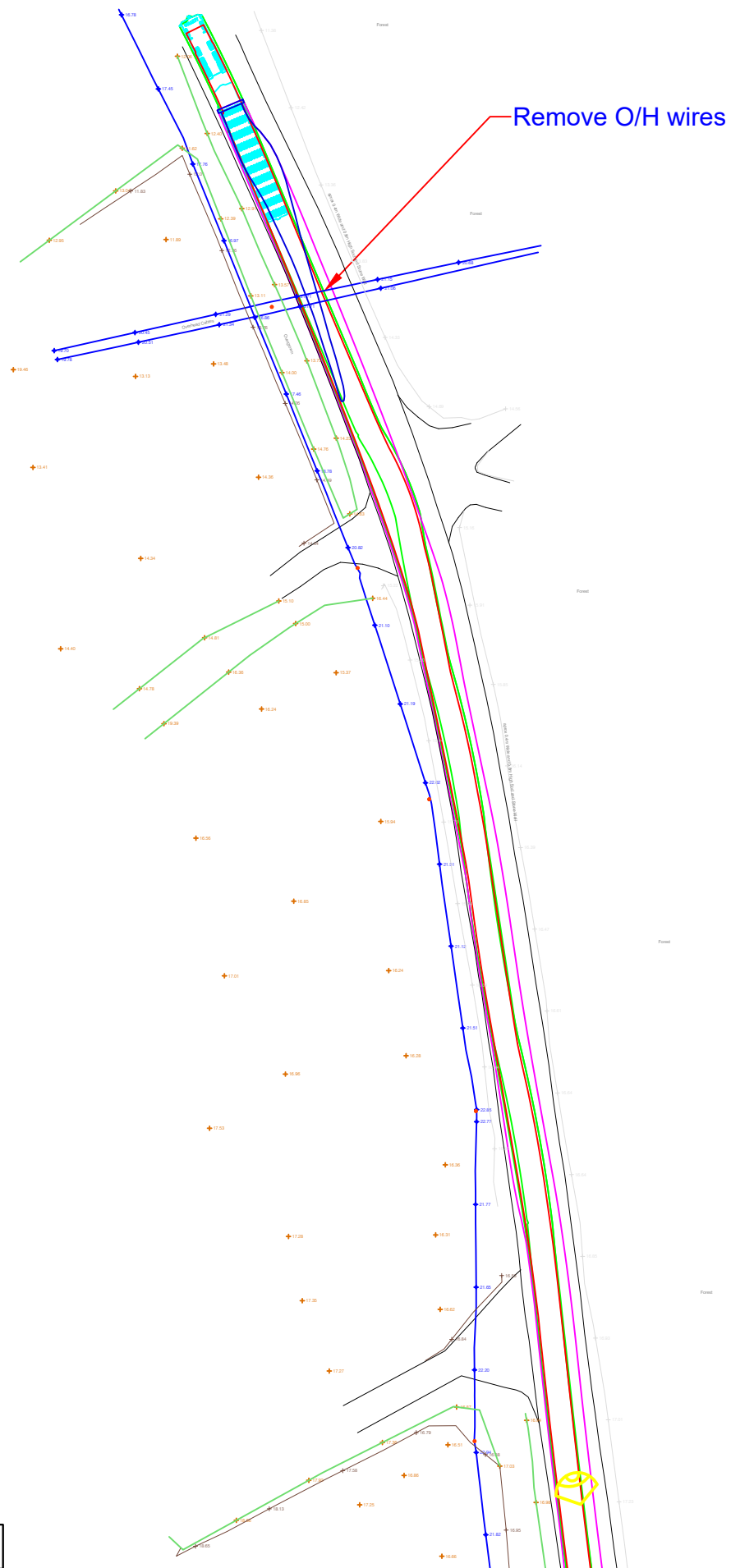
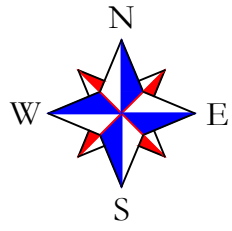
- Overhead wires crossing the N26, where indicated, are to be removed to allow unobstructed passage through the airspace.
- Utilisation of the full extents of the road is required at this location to navigate the bend.

- 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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- All dimensions in metres.

IRISH Grid Reference: G 25517 09302

- 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





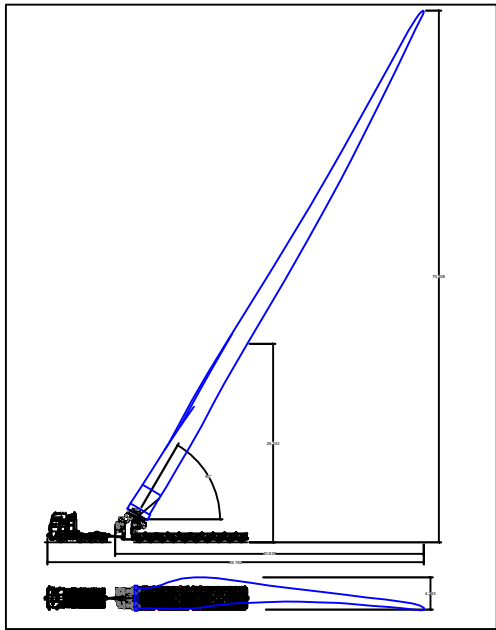
Swept Path indicates trailer utilising AUTOMATIC steering

Generic
155 Blade
Blade Lift Adapter elevated to 60°

Continue on the N26.

****Caution****

- Overhead wires crossing the N26, where indicated, are to be removed to allow unobstructed passage through the airspace.
- Utilisation of the full extents of the road is required at this location to navigate the bend.



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IRISH Grid Reference: G 25491 09568

- 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

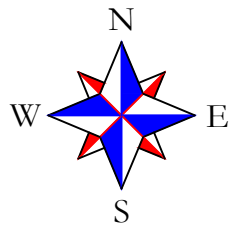
CLIENT REF: WP1.6



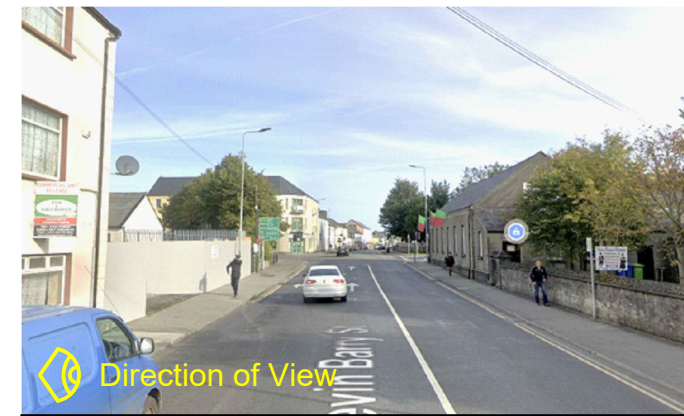
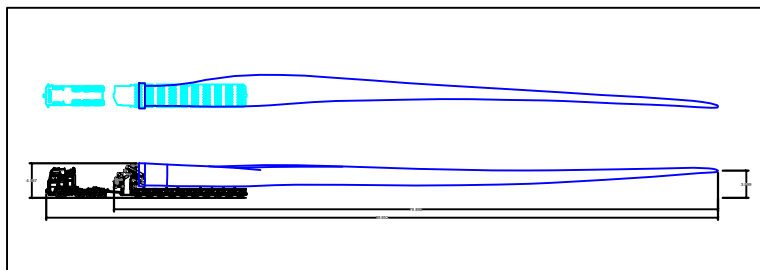
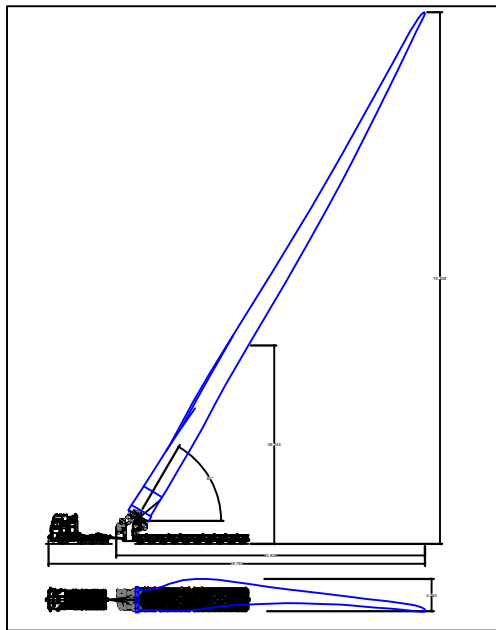
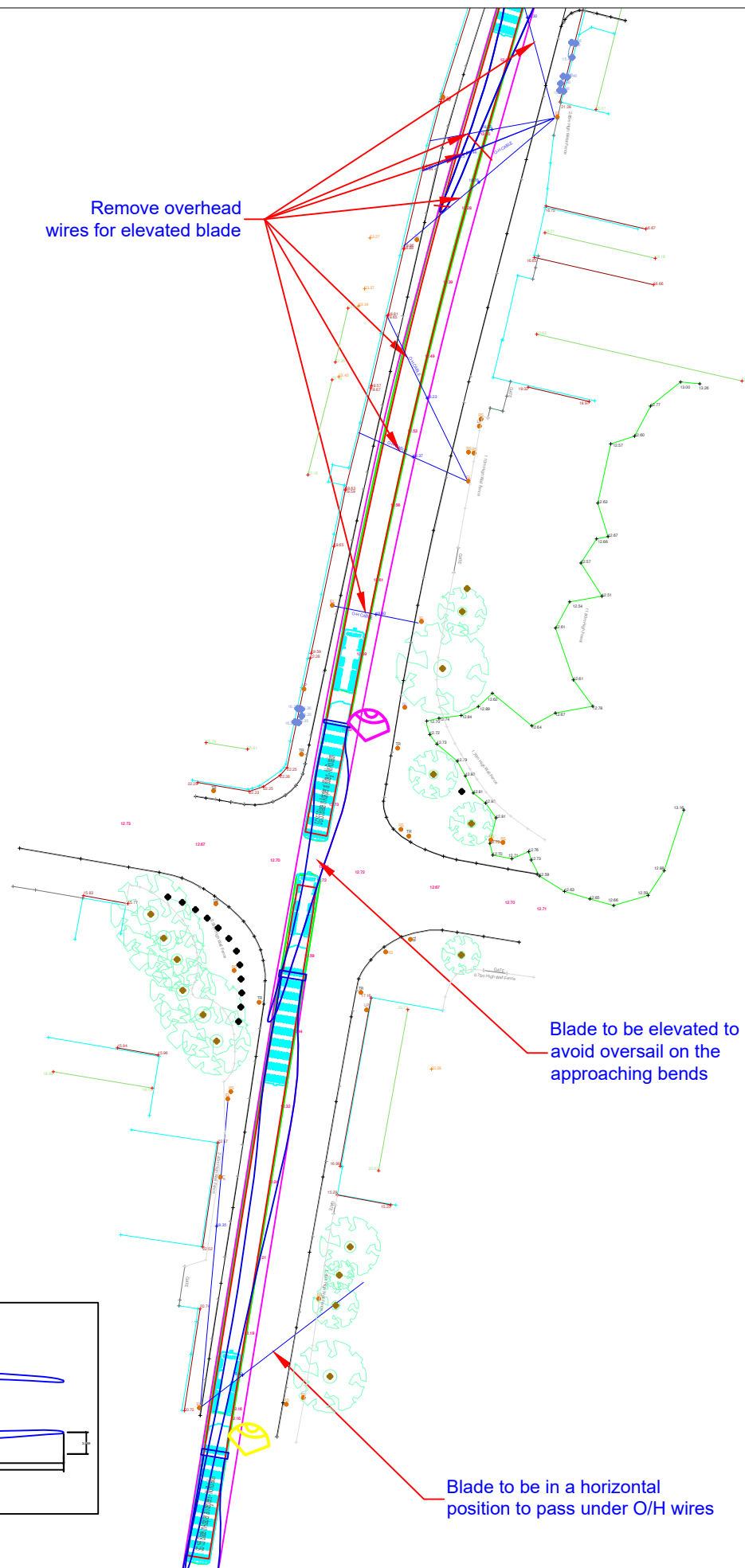
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DRAWN R. WEBSTER
DATE 30/06/21
SCALE 1:750 SIZE A3

TITLE OVERHEAD CABLES ON N26 - LEFT BEND
MAPPING PROVIDED BY CLIENT CUSTOMER BORD NA MONA
PINCH POINT IDENTIFIED BY CLIENT SITE OWENINNY WIND FARM DWG. NO. 359222-113B0.1



Remove overhead wires for elevated blade



Generic
155 Blade
Blade Lift Adapter lowered & elevated to 60°

Continue on the N26 to the crossroad. At the crossroad, go straight onto N59.

****Caution****

- Overhead wires crossing the N26, where indicated, are to be removed to allow unobstructed passage through the airspace.
- Utilisation of the full extents of the road is required at this location to navigate the route at this location.

- 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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- All dimensions in metres.

IRISH Grid Reference: G 24257 18820

- 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

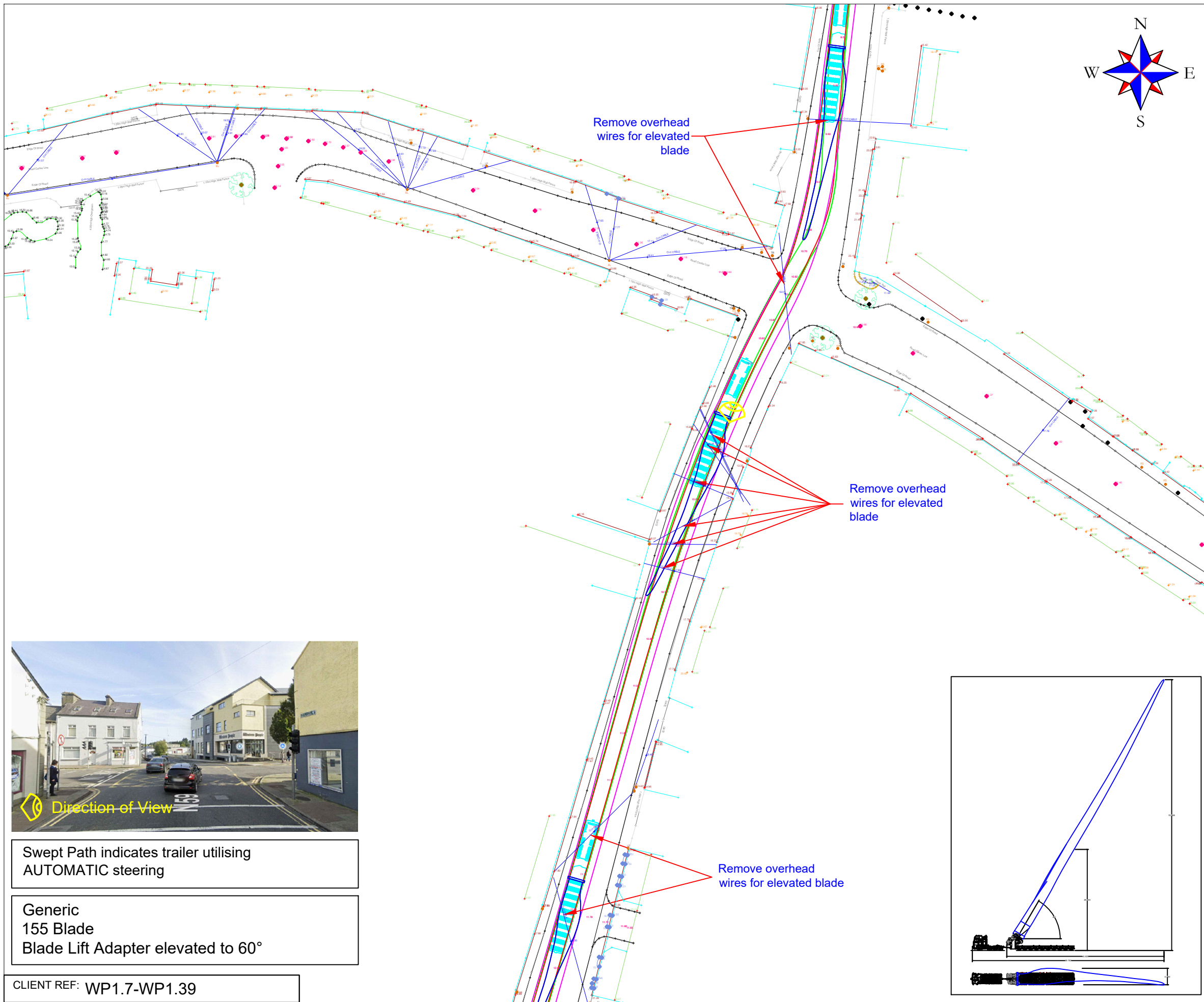
CLIENT REF: WP1.7-WP1.39



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

DRAWN R. WEBSTER
DATE 30/06/21
SCALE 1:750 SIZE A3

TITLE	OVERHEAD CABLES - CROSS ROAD OF N26/ N59/ R294		
MAPPING	PROVIDED BY CLIENT	CUSTOMER	BORD NA MONA
PINCH POINT IDENTIFIED BY	CLIENT	SITE	OWENINNY WIND FARM
		DWG. NO.	359222-130B0.1



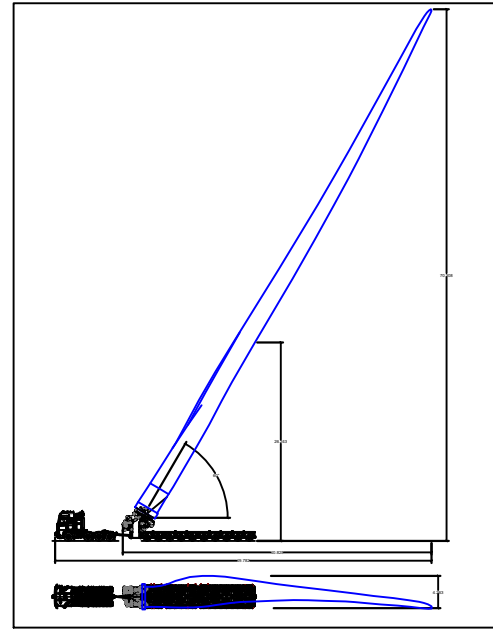
Continue on the N59 to the crossroad. At the crossroad, continue forward on N59.

****Caution****
 ● Overhead wires crossing the N59, where indicated, are to be removed to allow unobstructed passage through the airspace.

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- All dimensions in metres.

IRISH Grid Reference: G 24323 19051

- 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 AUTOMATIC steering

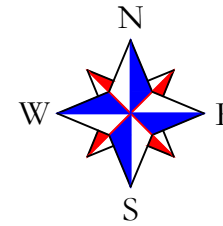
Generic
 155 Blade
 Blade Lift Adapter elevated to 60°

CLIENT REF: WP1.7-WP1.39



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DRAWN	R. WEBSTER	TITLE	OVERHEAD CABLES - CROSSROAD OF N59/ McDERMOTT STREET & TONE STREET		
DATE	01/07/21	MAPPING	PROVIDED BY CLIENT	CUSTOMER	
SCALE	1:750	SIZE	A3	PINCH POINT IDENTIFIED BY	CLIENT
			SITE	OWENINNY WIND FARM	DWG. NO. 359222-131B0.1
BORD NA MONA					



Continue on the N59 to the roundabout junction with Circular Road. At the roundabout, continue forward on Killala Road (R314).

- **Caution****
- Overhead wires crossing the R314, where indicated, are to be removed to allow unobstructed passage through the airspace.
 - With the blade lowered, the vehicle will pass below the overhead wires uninhibited.

With the blade lowered, the vehicle will pass below O/H wires

With the blade lowered, the vehicle will pass below O/H wires

Remove overhead wires for elevated blade

Blade to be lowered



Direction of View

Swept Path indicates trailer utilising AUTOMATIC steering

Generic 155 Blade
Blade Lift Adapter elevated at 0° & 60°

CLIENT REF: WP1.7-WP1.39



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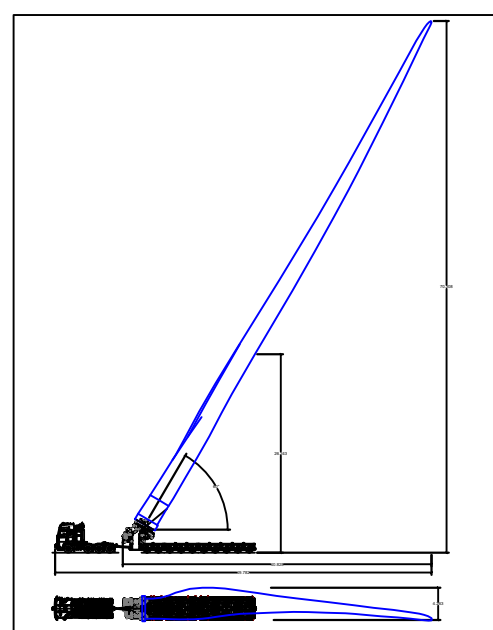
DRAWN R. WEBSTER
DATE 01/07/21
SCALE 1:750 SIZE A3

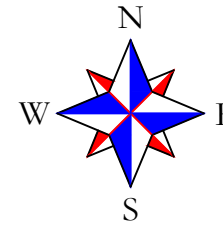
TITLE OVERHEAD CABLES - KILLALA ROAD (R314) AFTER ROUNDABOUT
MAPPING PROVIDED BY CLIENT CUSTOMER BORD NA MONA
PINCH POINT IDENTIFIED BY CLIENT SITE OWENINNY WIND FARM DWG. NO. 359222-132B0.1

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- All dimensions in metres.

IRISH Grid Reference: G 24339 19264

- 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





Continue on the Killala Road (R314).

****Caution****

- Overhead wires crossing the R314, where indicated, are to be removed to allow unobstructed passage through the airspace.
- Utilisation of the full extents of the road will be required at this location.

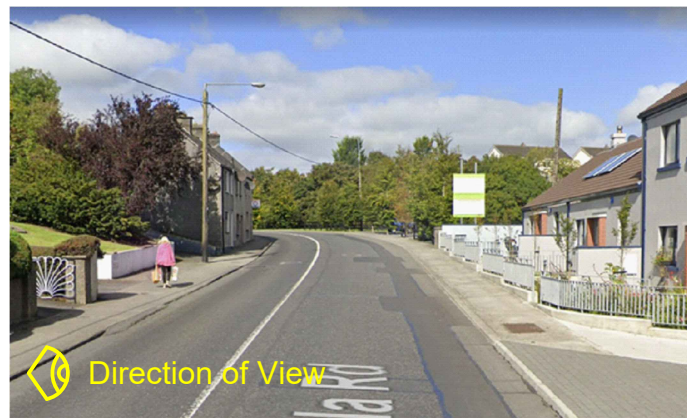
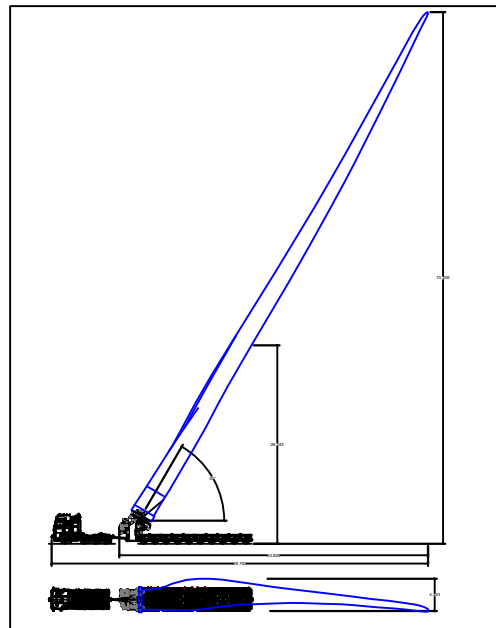
Remove overhead wires for elevated blade

Blade to be elevated to avoid oversail on the approaching bends

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IRISH Grid Reference: G 24176 19599

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Swept Path indicates trailer utilising AUTOMATIC steering

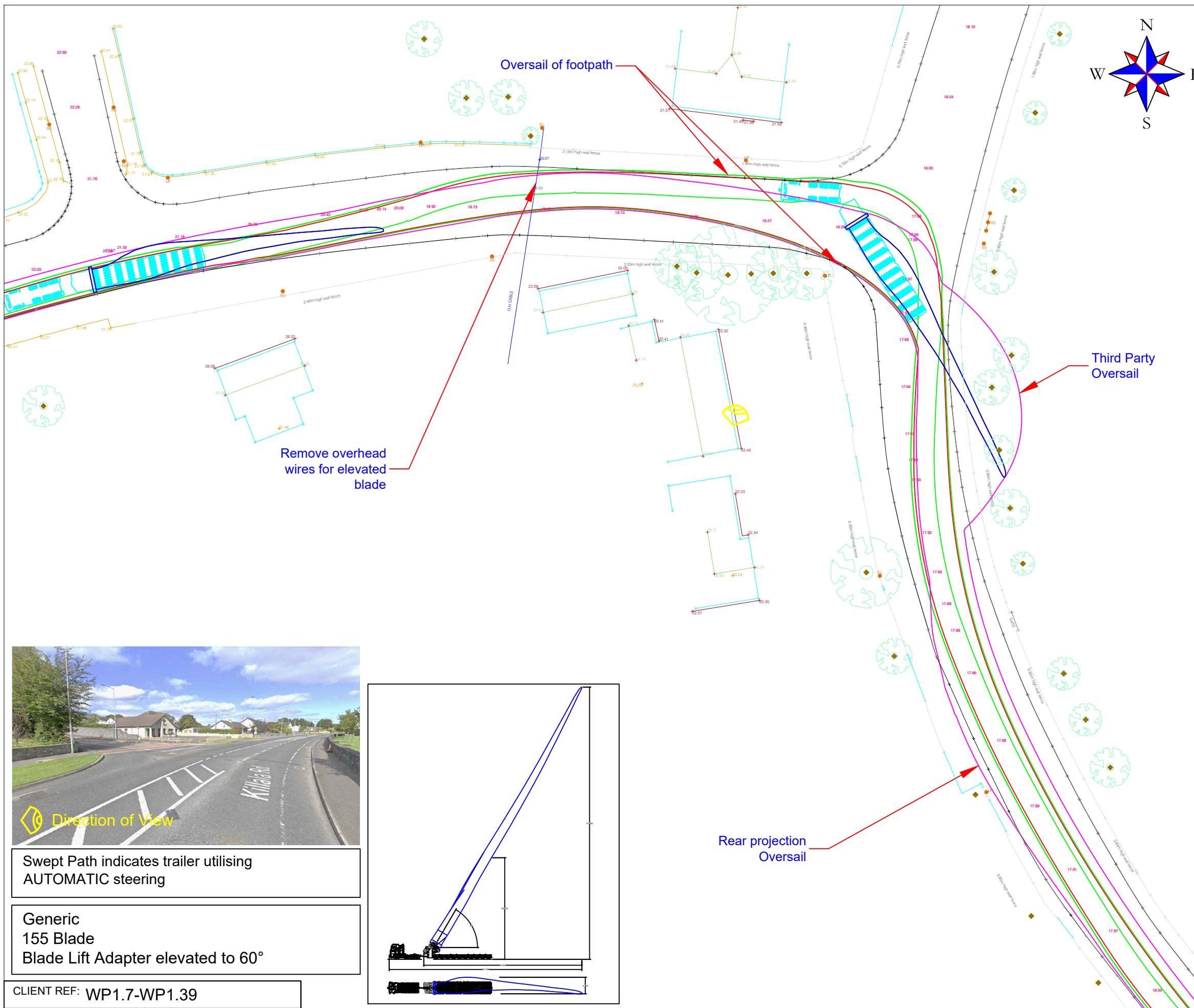
Generic 155 Blade
Blade Lift Adapter elevated to 60°

CLIENT REF: WP1.7-WP1.39



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

DRAWN	R. WEBSTER	TITLE	OVERHEAD CABLES - LEFT BEND ON KILLALA ROAD		
DATE	01/07/21	MAPPING	PROVIDED BY CLIENT	CUSTOMER	BORD NA MONA
SCALE	1:500	SIZE	A3	PINCH POINT IDENTIFIED BY	CLIENT
			SITE	OWENINNY WIND FARM	DWG. NO. 359222-133B0.1



Continue on the Killala Road (R314) to the junction with Srí Ectra. At the junction, turn left onto Srí Ectra.

****Caution****

- Third party land will be required on the offside of the road, where the rear projection will oversail.
- Overhead wires crossing Srí Ectra are to be removed to allow unobstructed passage through the airspace.
- Oversail occurs over the footpath on the nearside of the R314 and both sides of Srí Ectra at the junction with the R314. Neither cause any third party issues.

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IRISH Grid Reference: G 24028 19779

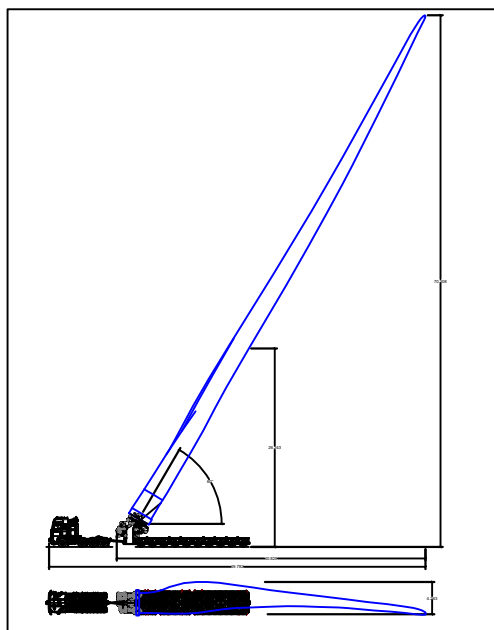
- Area within red outline will be swept by tractor and trailer axles
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- Area within magenta outline will be oversailed by load and projections
- Area within green outline will be oversailed by trailer body



Swept Path indicates trailer utilising AUTOMATIC steering

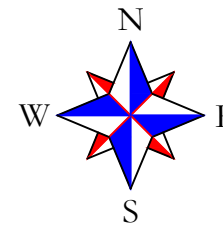
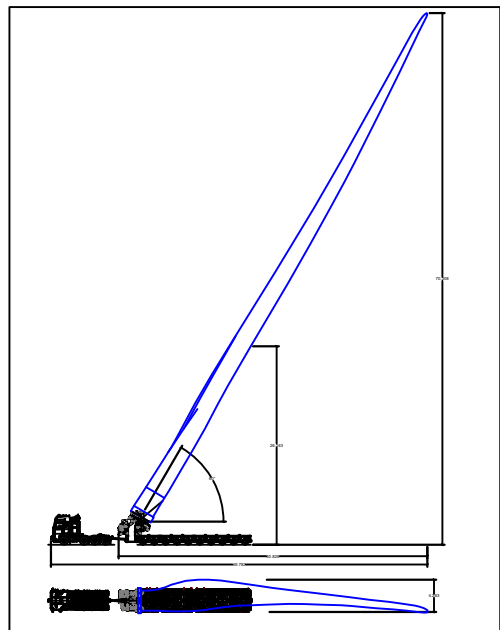
Generic
155 Blade
Blade Lift Adapter elevated to 60°

CLIENT REF: WP1.7-WP1.39



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

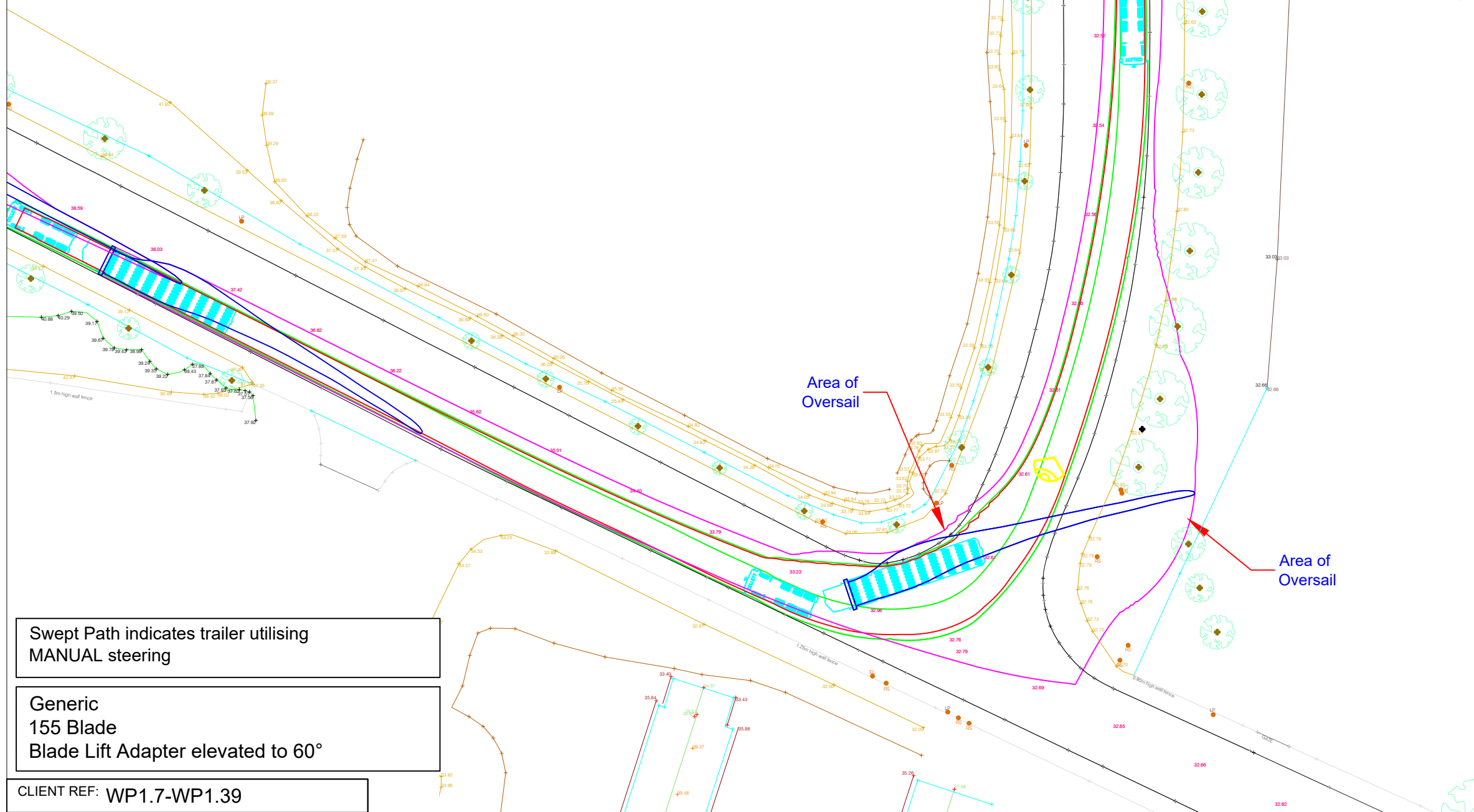
DRAWN R. WEBSTER		TITLE JUNCTION OF KILLALA ROAD AND SLÍ ECTRA	
DATE 01/07/21		MAPPING PROVIDED BY CLIENT	CUSTOMER BORD NA MONA
SCALE 1:500	SIZE A3	PINCH POINT IDENTIFIED BY CLIENT	SITE OWENINNY WIND FARM DWG. NO. 359222-134B0.1



Continue on Srí Ectra to the junction with Old Crossmolina Road. At the junction, turn right onto Old Crossmolina Road.

****Caution****

- The rear projection will oversail Public Open Space on the nearside of Srí Ectra at the junction with the L1119 whilst turning right.
- The load will oversail the footpath on the offside of the junction.
- Manual steering & utilisation of the full extents of the road will be required to navigate the loaded component at this location.



- 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 will 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 will 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. 'Permits for movements' by the LA 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 metres.

IRISH Grid Reference: G 23548 19360

Swept Path indicates trailer utilising MANUAL steering

Generic 155 Blade
Blade Lift Adapter elevated to 60°

- 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

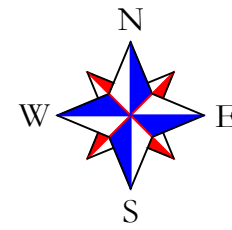
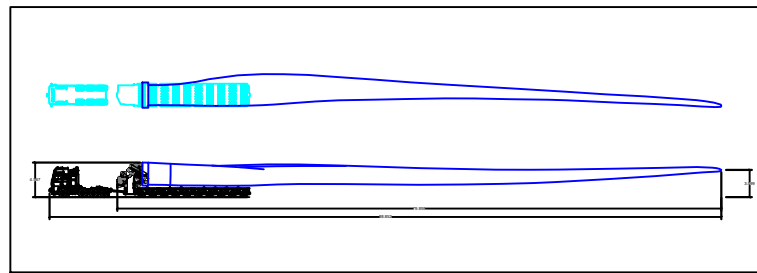
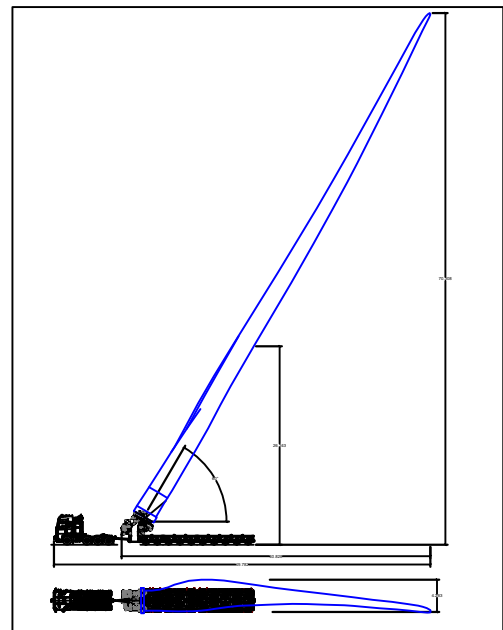
CLIENT REF: WP1.7-WP1.39



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

DRAWN R. WEBSTER
DATE 01/07/21
SCALE 1:500 SIZE A3

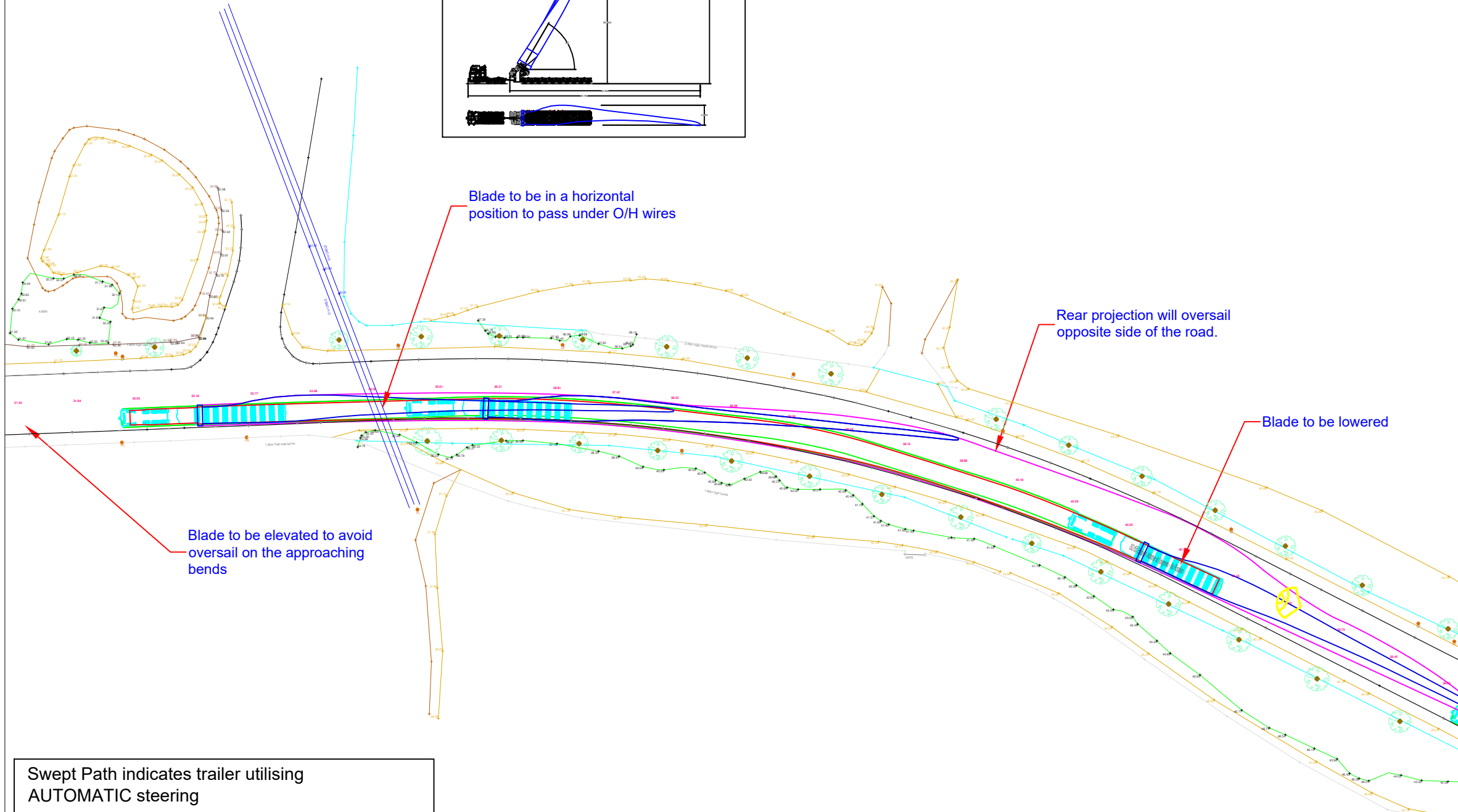
TITLE JUNCTION OF SLÍ ECTRA AND THE L1119
MAPPING PROVIDED BY CLIENT CUSTOMER BORD NA MONA
PINCH POINT IDENTIFIED BY CLIENT SITE OWENINNY WIND FARM DWG. NO. 359222-135B1.1



Continue on Old Crossmolina Road.

****Caution****

- Overhead wires crossing Old Crossmolina Road, where indicated, are to be removed to allow unobstructed passage through the airspace.
- Utilisation of the full extents of the road will be required on the left bend as the rear projection will oversail the opposite side of the road.



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- 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 will be allowed for.
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- 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 metres.

IRISH Grid Reference: G 23326 19456

Swept Path indicates trailer utilising AUTOMATIC steering

Generic
155 Blade
Blade Lift Adapter lowered & elevated to 60°

- 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

CLIENT REF: WP1.7-WP1.39



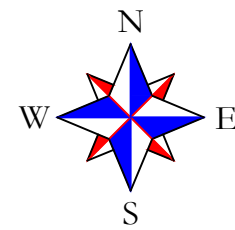
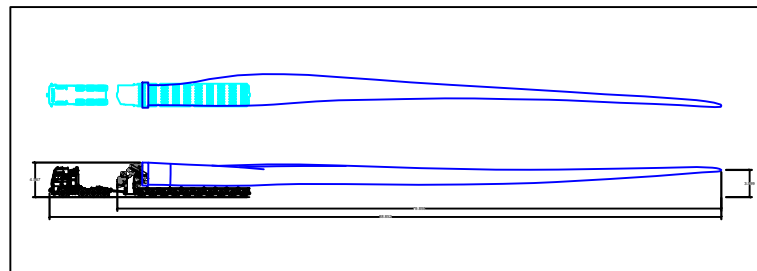
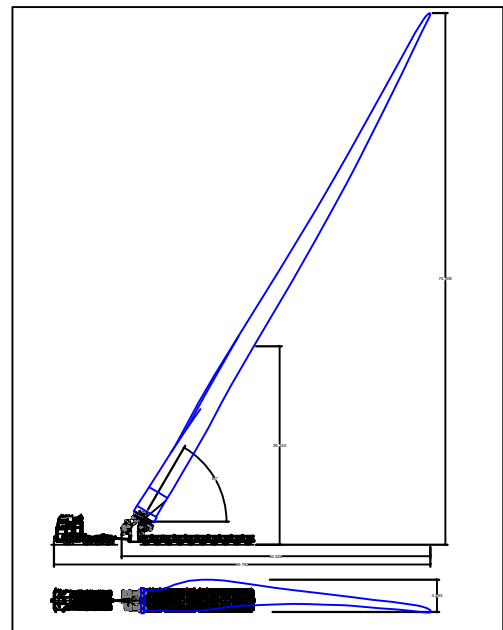
COLLETT & SONS LIMITED
Victoria Terminal TEL: +44(0)8456 255288
Albert Road FAX: +44(0)8456 255244
Halifax, HX2 0DF WEB: www.collett.co.uk

DRAWN	R. WEBSTER	TITLE	OVERHEAD WIRES - LEFT BEND ON L1119		
DATE	01/07/21	MAPPING	PROVIDED BY CLIENT	CUSTOMER	BORD NA MONA
SCALE	1:750	SIZE	A3	PINCH POINT IDENTIFIED BY	CLIENT
			SITE	OWENINNY WIND FARM	DWG. NO. 359222-136B0.1



Swept Path indicates trailer utilising MANUAL steering

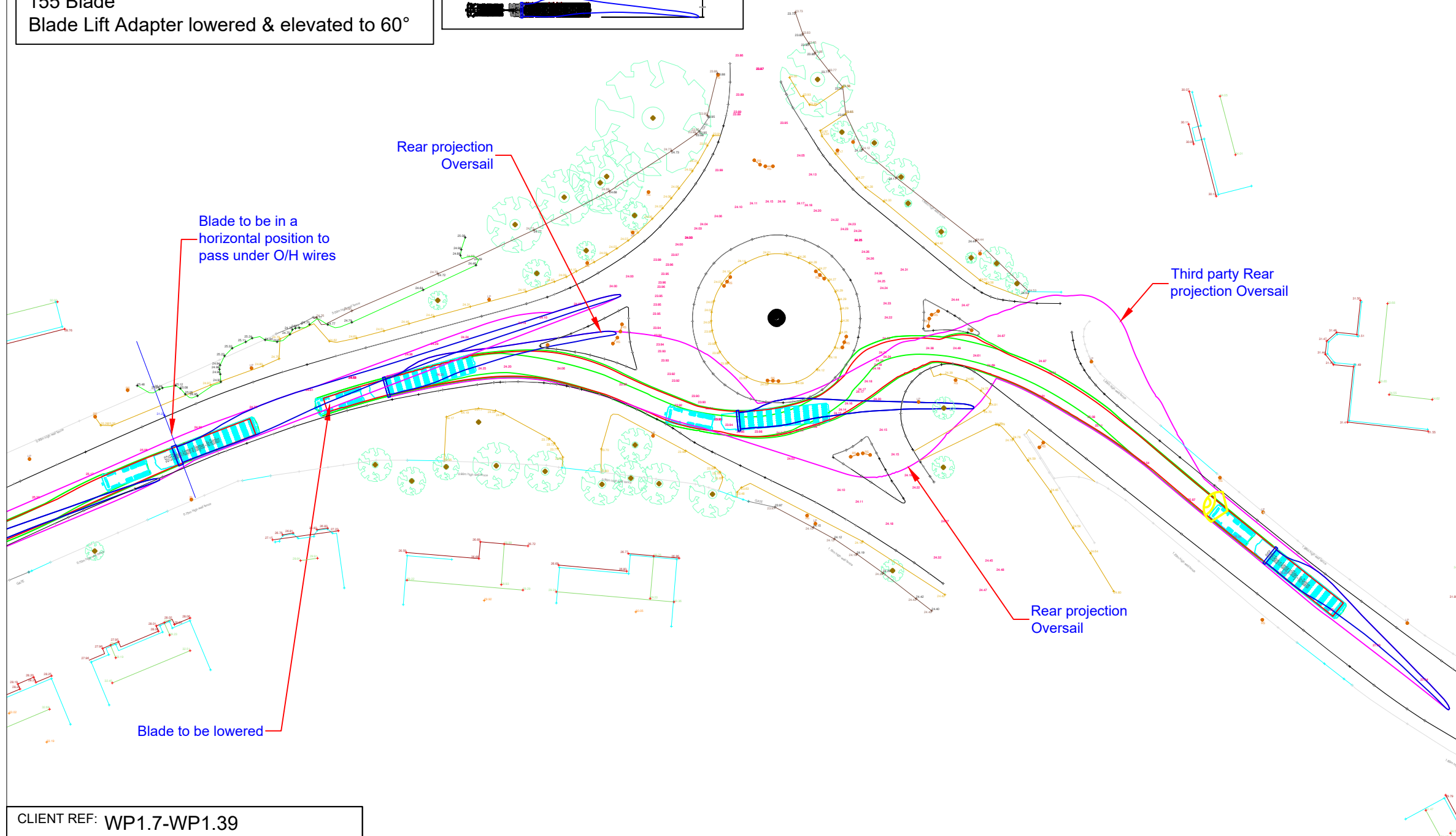
Generic 155 Blade
Blade Lift Adapter lowered & elevated to 60°



Continue on the L119 to Gurteen Roundabout. Enter roundabout and take the second exit on the N59 towards Bangor.

****Caution****

- Third party land will be required to allow the rear projection of the blade to oversail on the offside of the L119.
- The rear projection will oversail the splitter island to the first exit (N59 to Sligo) and the land in between.
- Utilisation of the full extents of the road will be required on approach to the roundabout to eliminate the need for road widening.



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- 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 will be allowed for.
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- 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 metres.

IRISH Grid Reference: G 22813 19589

- 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

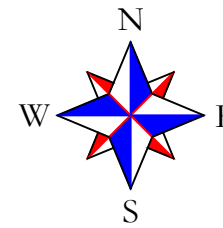
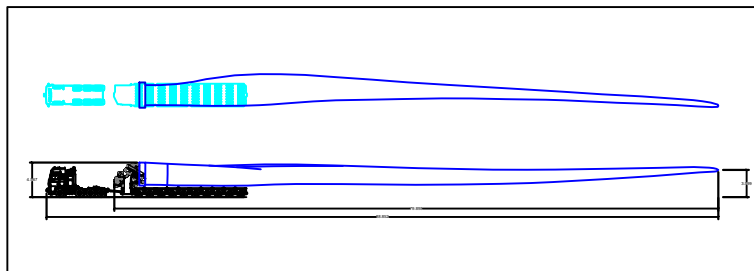
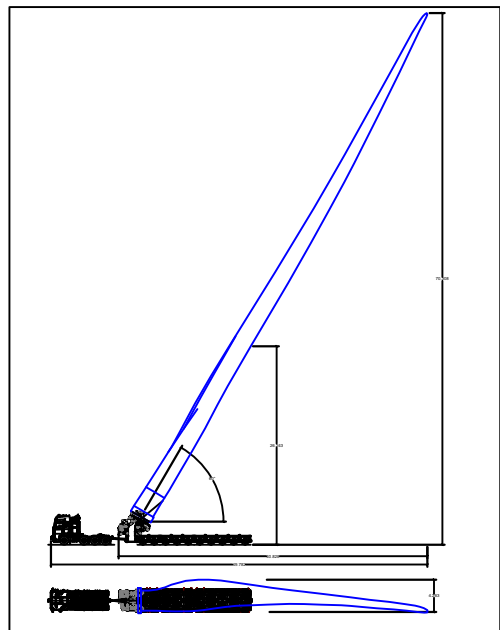
CLIENT REF: WP1.7-WP1.39

COLLETT & SONS LIMITED		DRAWN	R. WEBSTER	TITLE			GURTEENS ROUNDABOUT, BALLINA	
Victoria Terminal TEL: +44(0)8456 255288		DATE	01/07/21	MAPPING	PROVIDED BY CLIENT	CUSTOMER		
Albert Road FAX: +44(0)8456 255244		SCALE	1:750	SIZE	A3	PINCH POINT IDENTIFIED BY	CLIENT	SITE
Halifax, HX2 0DF WEB: www.collett.co.uk						OWENINNY WIND FARM	DWG. NO.	359222-137B1.1
						BORD NA MONA		



Swept Path indicates trailer utilising MANUAL steering

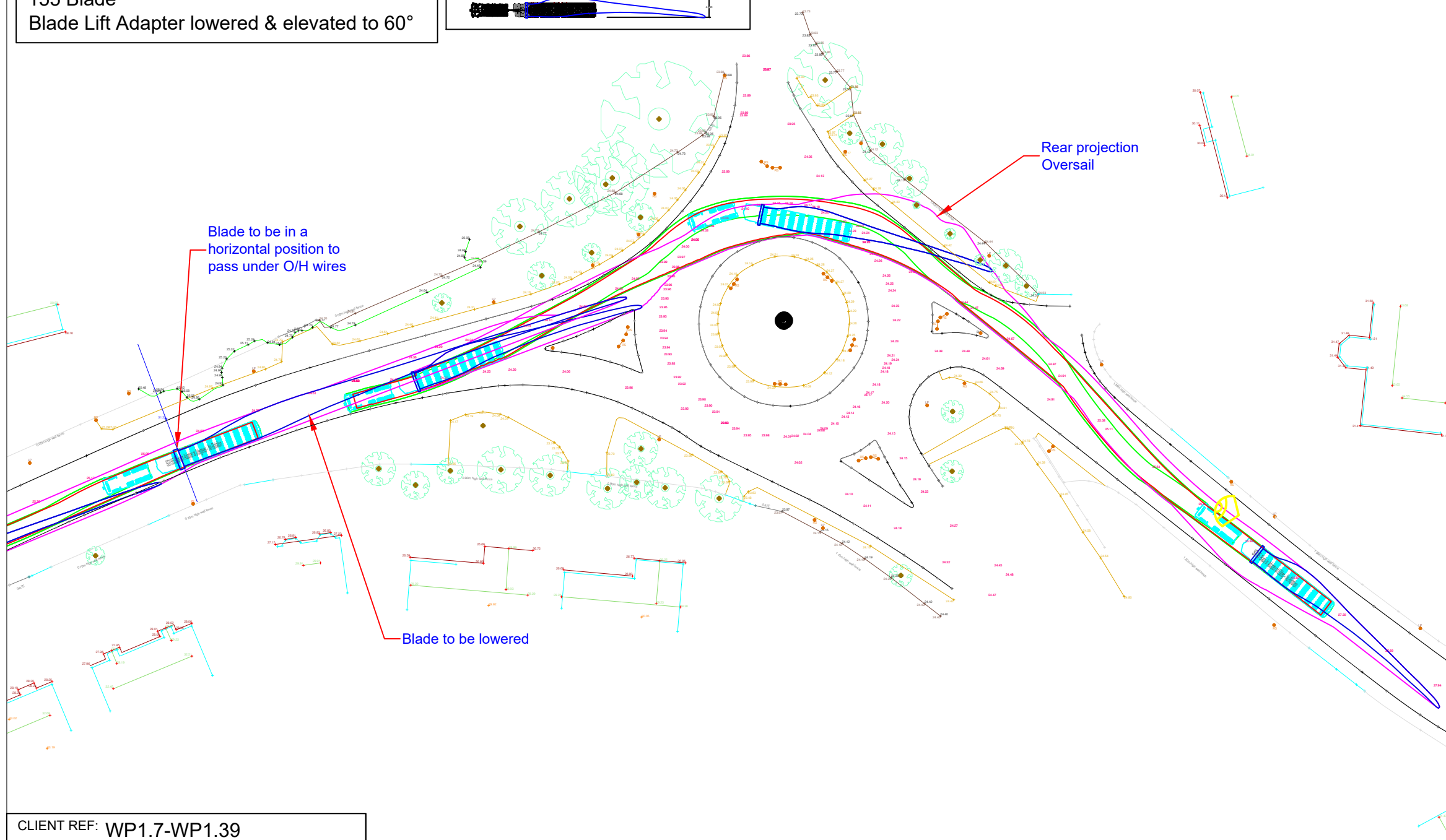
Generic
155 Blade
Blade Lift Adapter lowered & elevated to 60°



Continue on L1119 to Gurteen Roundabout. Enter roundabout via contraflow and continue anti clockwise and exit in contraflow at the second exit on the N59 towards Bangor.

****Caution****

- The rear projection will oversail the grass verge on the offside of the roundabout as the vehicle negotiates the roundabout in contraflow.
- Manual steering & utilisation of the full extents of the road will be required to navigate the loaded component at this location.



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- The information is privileged and confidential and is for the exclusive use of the nominated client.
- All dimensions in metres.

IRISH Grid Reference: G 22813 19589

- 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

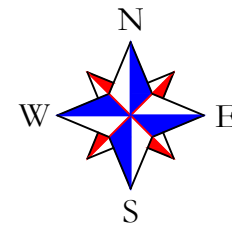
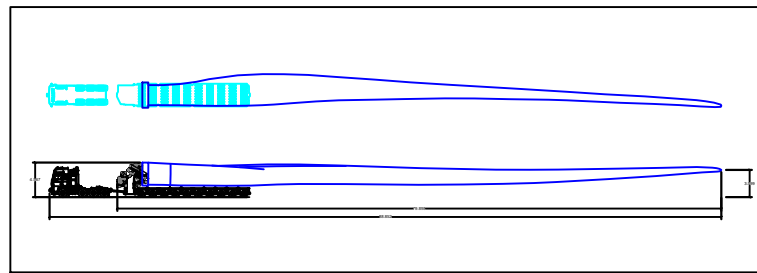
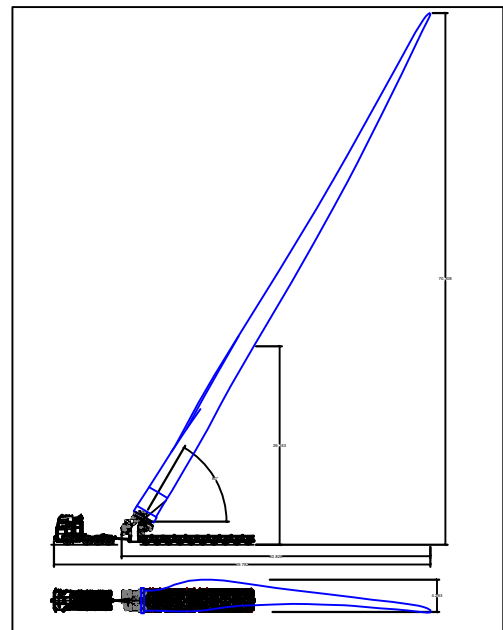
CLIENT REF: WP1.7-WP1.39



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

DRAWN R. WEBSTER
DATE 01/07/21
SCALE 1:750 SIZE A3

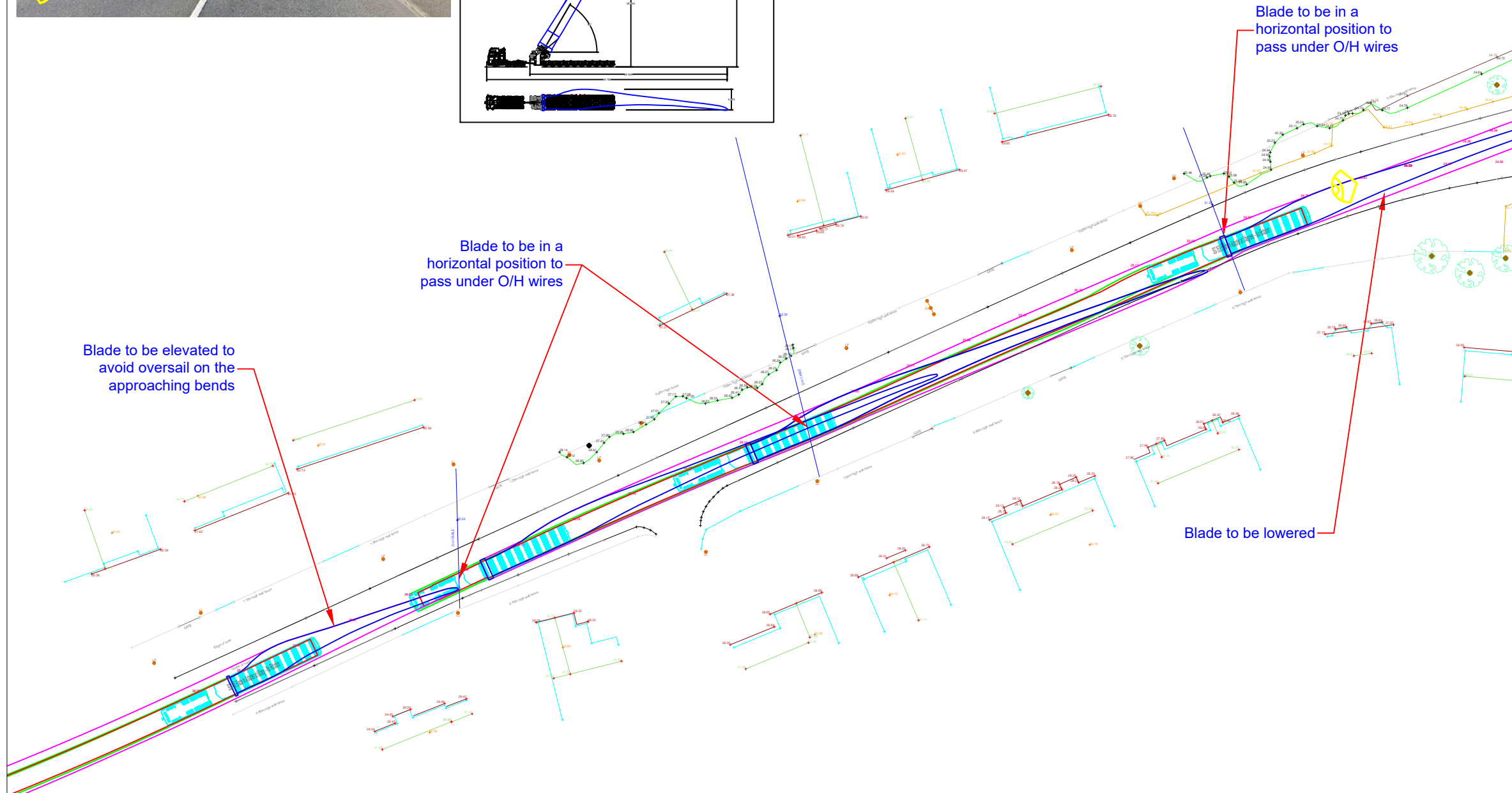
TITLE GURTEENS ROUNDABOUT, BALLINA
MAPPING PROVIDED BY CLIENT CUSTOMER BORD NA MONA
PINCH POINT IDENTIFIED BY CLIENT SITE OWENINNY WIND FARM DWG. NO. 359222-137B1.2



Continue on N59.

****Caution****

- Overhead wires crossing the N59, where indicated, are to be removed to allow unobstructed passage through the airspace.
- Utilisation of the full extents of the road will be required at this location.



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- All dimensions in metres.

IRISH Grid Reference: G 22594 19518

- 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 AUTOMATIC steering

Generic
155 Blade
Blade Lift Adapter lowered & elevated to 60°

CLIENT REF: WP1.7-WP1.39



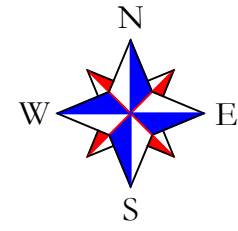
COLLETT & SONS LIMITED
Victoria Terminal TEL: +44(0)8456 255288
Albert Road FAX: +44(0)8456 255244
Halifax, HX2 0DF WEB: www.collett.co.uk

DRAWN	R. WEBSTER	TITLE	OVERHEAD WIRES - N59 TO BANGOR, BALLINA		
DATE	01/07/21	MAPPING	PROVIDED BY CLIENT	CUSTOMER	BORD NA MONA
SCALE	1:750	SIZE	A3	PINCH POINT IDENTIFIED BY	CLIENT
			SITE	OWENINNY WIND FARM	DWG. NO. 359222-138B0.1



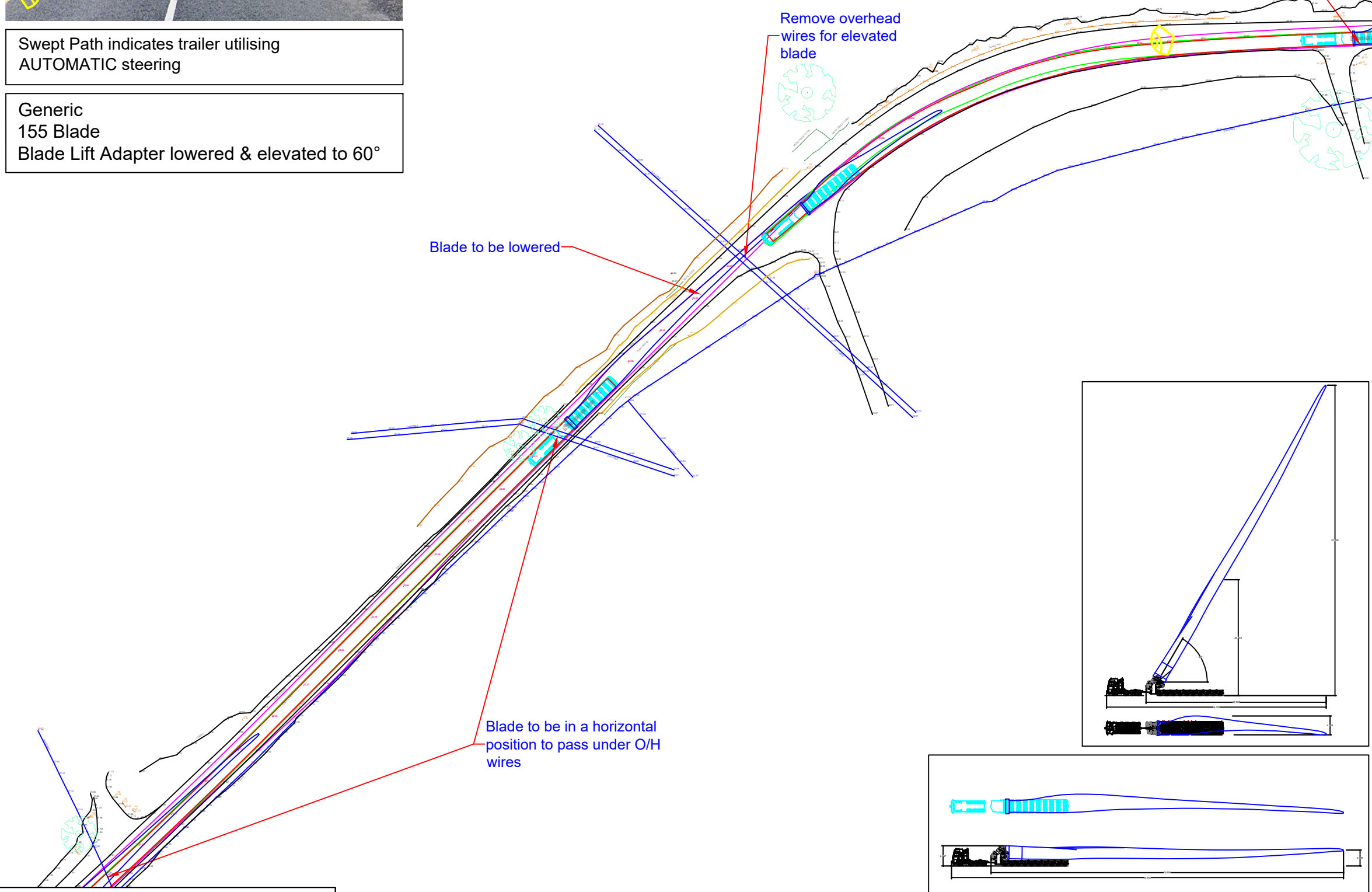
Swept Path indicates trailer utilising AUTOMATIC steering

Generic 155 Blade
Blade Lift Adapter lowered & elevated to 60°



Continue on N59 to left bend. Following bend, continue on N59

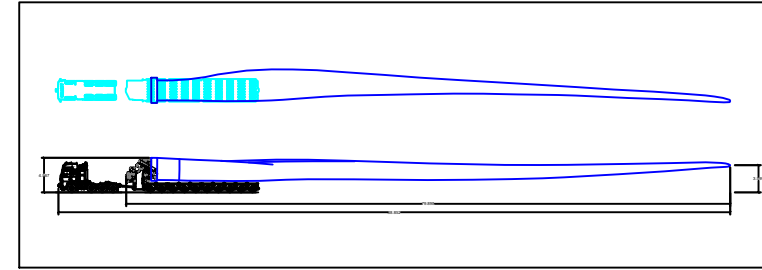
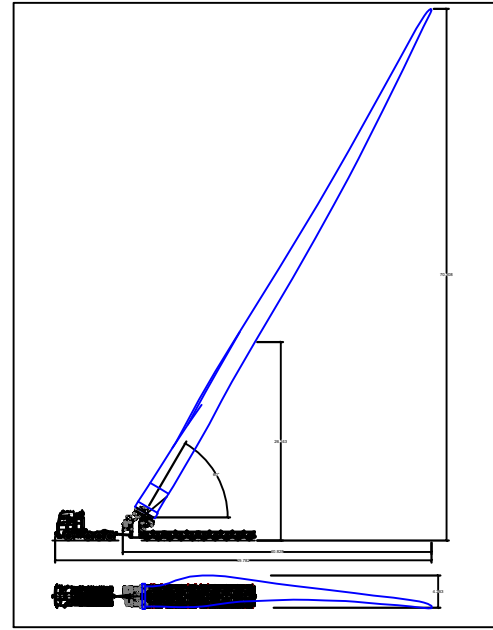
- **Caution****
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 - Utilisation of the full extents of the road will be required at this location.



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- All dimensions in metres.

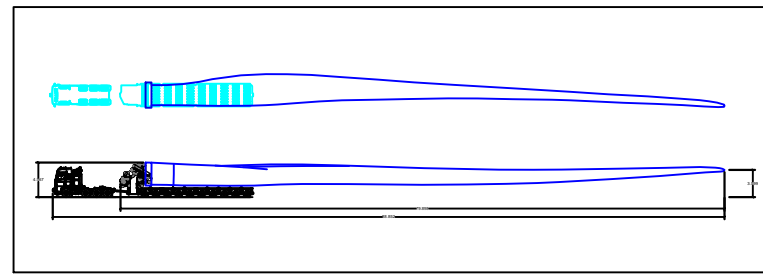
IRISH Grid Reference: G 16386 19777

- 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



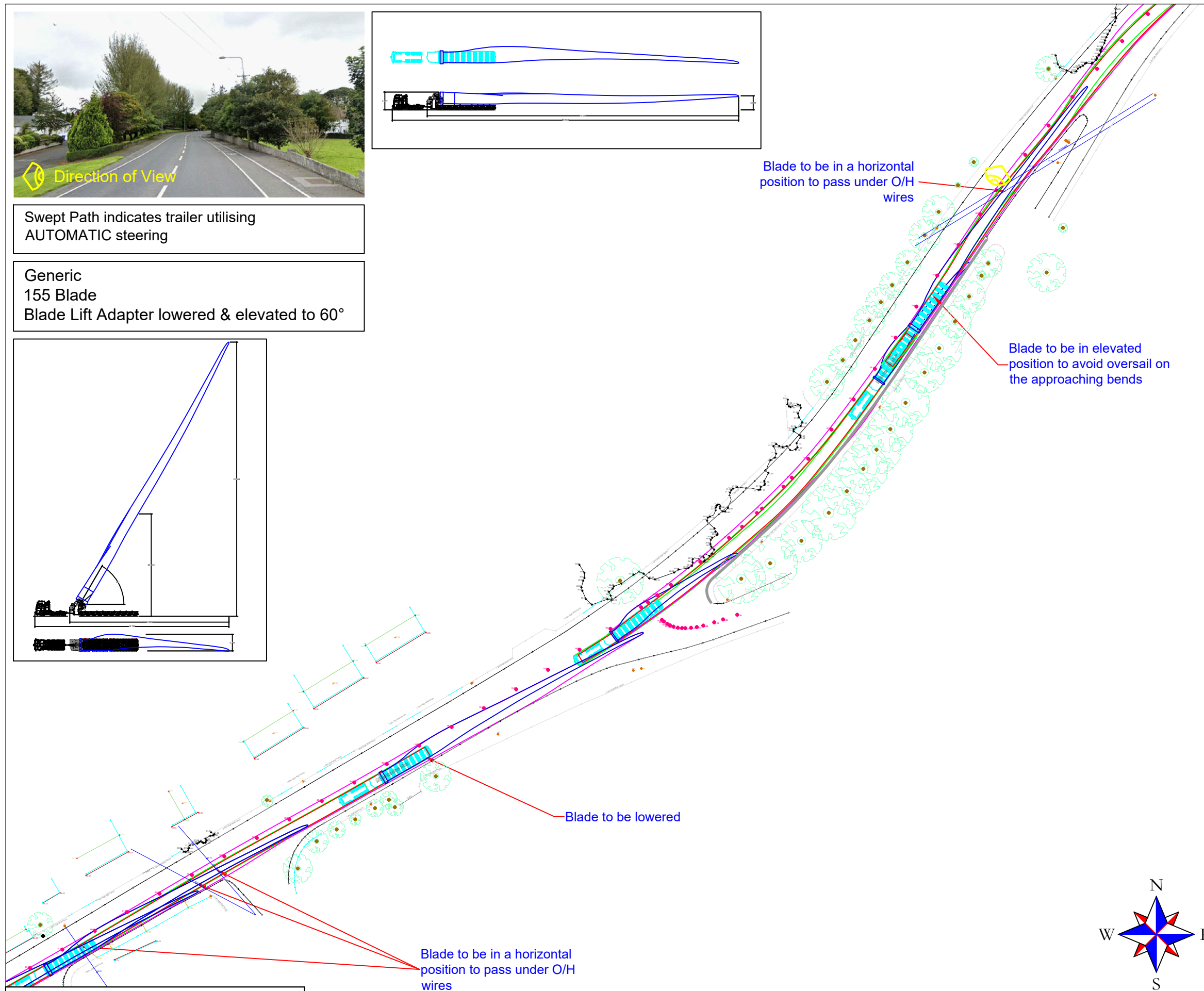
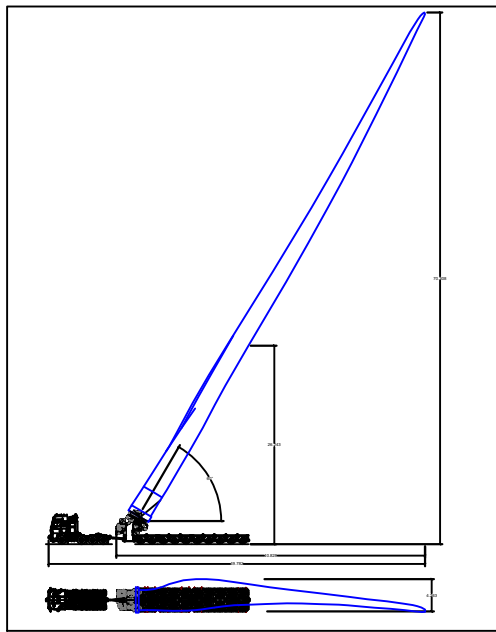
CLIENT REF: WP1.8

COLLETT & SONS LIMITED		DRAWN	R. WEBSTER	TITLE			OVERHEAD WIRES - LEFT BEND N59, BUNDEELIN
Victoria Terminal TEL: +44(0)8456 255288		DATE	01/07/21	MAPPING	PROVIDED BY CLIENT	CUSTOMER	
Albert Road FAX: +44(0)8456 255244		SCALE 1:1000	SIZE A3	PINCH POINT IDENTIFIED BY	CLIENT	SITE	OWENINNY WIND FARM
Halifax, HX2 0DF WEB: www.collett.co.uk						DWG. NO.	359222-140B0.1
						BORD NA MONA	



Swept Path indicates trailer utilising AUTOMATIC steering

Generic
155 Blade
Blade Lift Adapter lowered & elevated to 60°



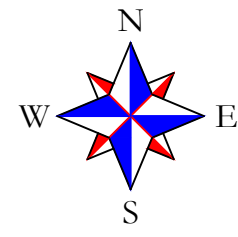
Continue on N59 to left bend. Following bend, continue on N59

- **Caution****
- Overhead wires crossing the N59, where indicated, are to be removed to allow unobstructed passage through the airspace.
 - Utilisation of the full extents of the road will be required at this location.

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- All dimensions in metres.

IRISH Grid Reference: G 14323 17781

- 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



CLIENT REF: WP1.9

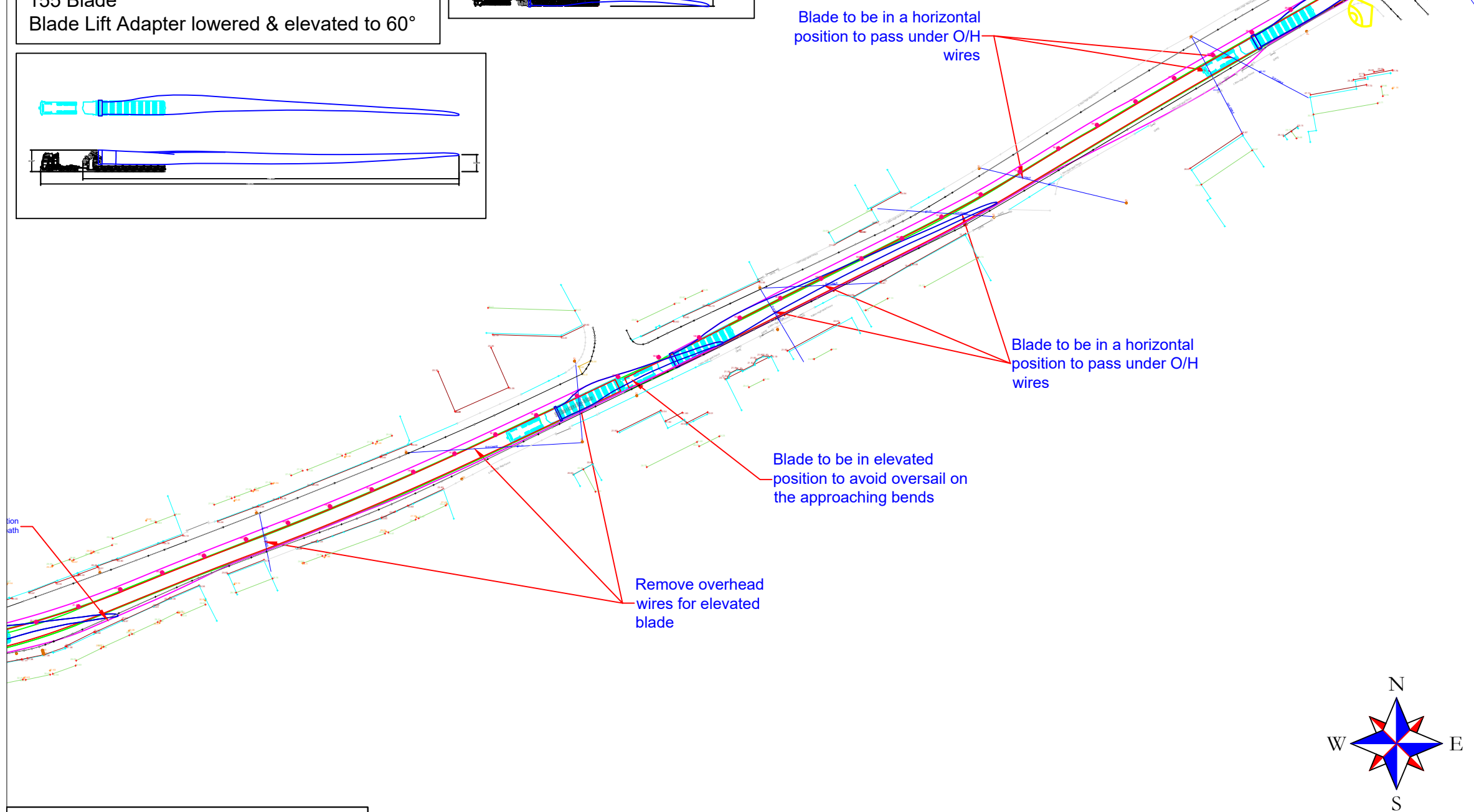
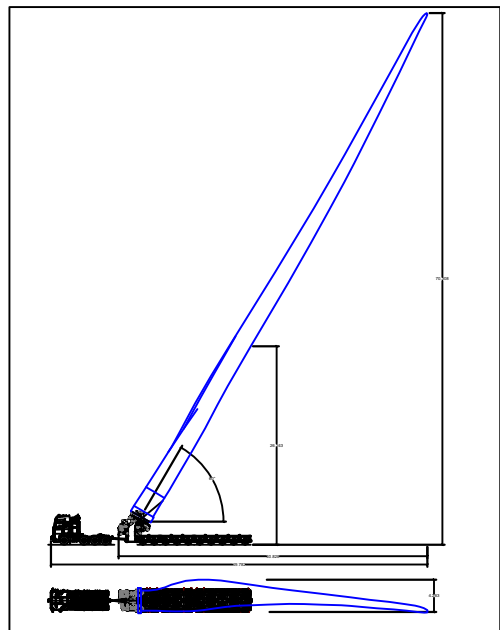
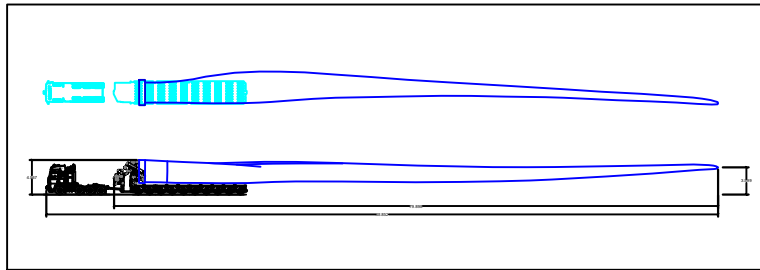
COLLETT & SONS LIMITED
 Victoria Terminal TEL: +44(0)8456 255288
 Albert Road FAX: +44(0)8456 255244
 Halifax, HX2 0DF WEB: www.collett.co.uk

DRAWN	R. WEBSTER	TITLE	OVERHEAD WIRES - RIGHT BEND N59, CROSSMOLINA		
DATE	02/07/21	MAPPING	PROVIDED BY CLIENT	CUSTOMER	BORD NA MONA
SCALE	1:1000	SIZE	A3	PINCH POINT IDENTIFIED BY	CLIENT
		SITE	OWENINNY WIND FARM	DWG. NO.	359222-150B0.1



Swept Path indicates trailer utilising AUTOMATIC steering

Generic 155 Blade
Blade Lift Adapter lowered & elevated to 60°



Blade to be in a horizontal position to pass under O/H wires

Blade to be in a horizontal position to pass under O/H wires

Blade to be in elevated position to avoid oversail on the approaching bends

Remove overhead wires for elevated blade

Continue on N59.

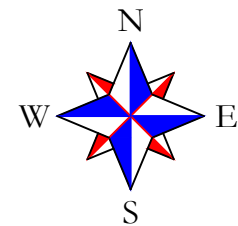
****Caution****

- Overhead wires crossing the N59, where indicated, are to be removed to allow unobstructed passage through the airspace.
- Utilisation of the full extents of the road will be required at this location.

- 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 will 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 will 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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- 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 metres.

IRISH Grid Reference: G 14062 17625

- 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



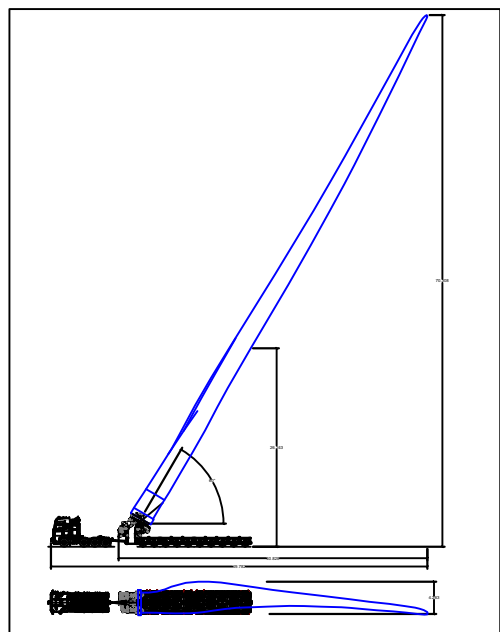
CLIENT REF: WP1.9

COLLETT & SONS LIMITED		DRAWN	R. WEBSTER	TITLE			OVERHEAD WIRES - N59, CROSSMOLINA
Victoria Terminal TEL: +44(0)8456 255288		DATE	02/07/21	MAPPING	PROVIDED BY CLIENT	CUSTOMER	BORD NA MONA
Albert Road FAX: +44(0)8456 255244		SCALE 1:1000	SIZE A3	PINCH POINT IDENTIFIED BY	CLIENT	SITE	OWENINNY WIND FARM DWG. NO. 359222-151B0.1
Halifax, HX2 0DF WEB: www.collett.co.uk							



Swept Path indicates trailer utilising AUTOMATIC steering

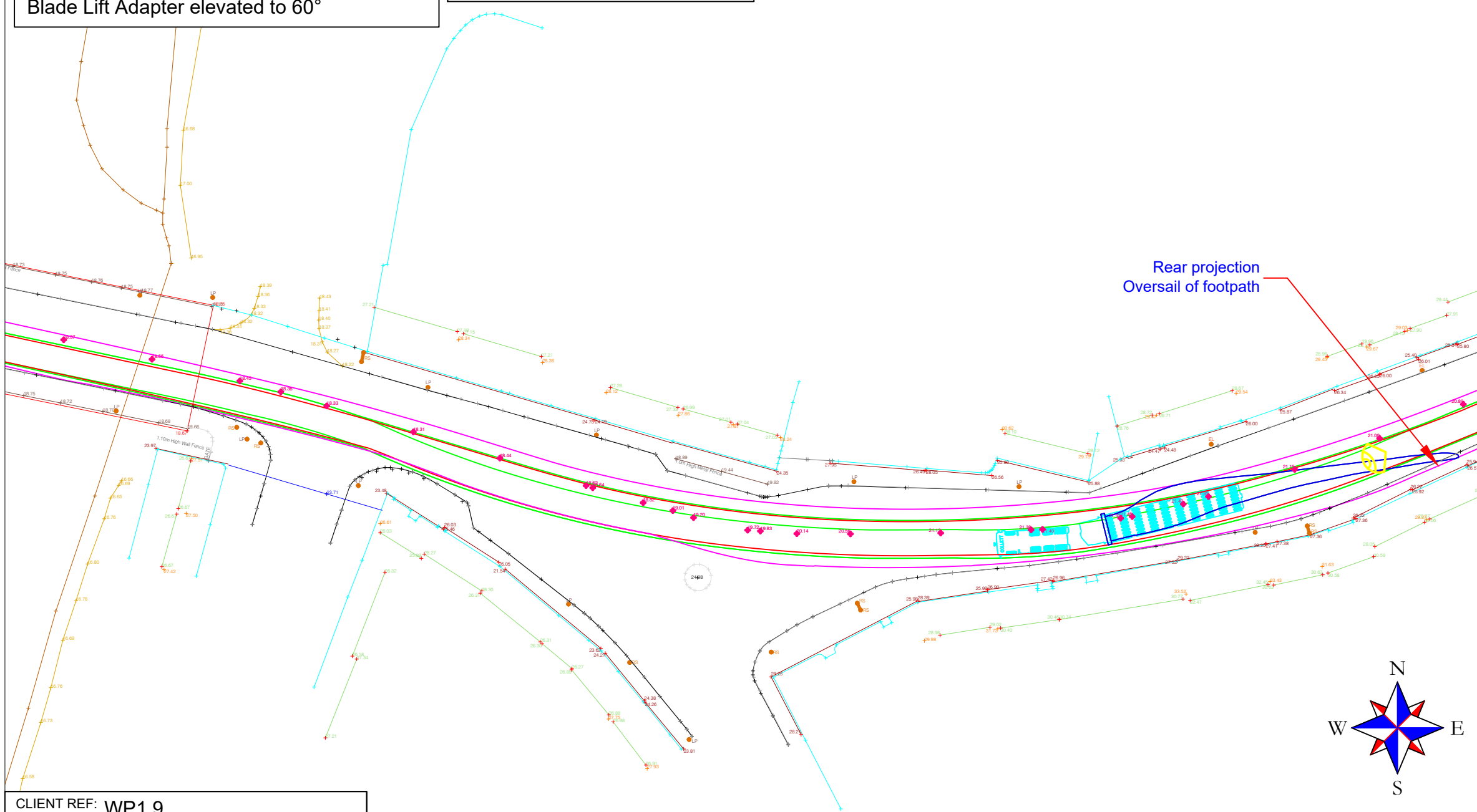
Generic 155 Blade
Blade Lift Adapter elevated to 60°



Continue on N59.

****Caution****

- The loaded component will oversail the footpath on the nearside of the road. This will not provide any third-party issues.
- Utilisation of the full extents of the road will be required at this location.



- 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 will 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 will 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 metres.

IRISH Grid Reference: G 14062 17625

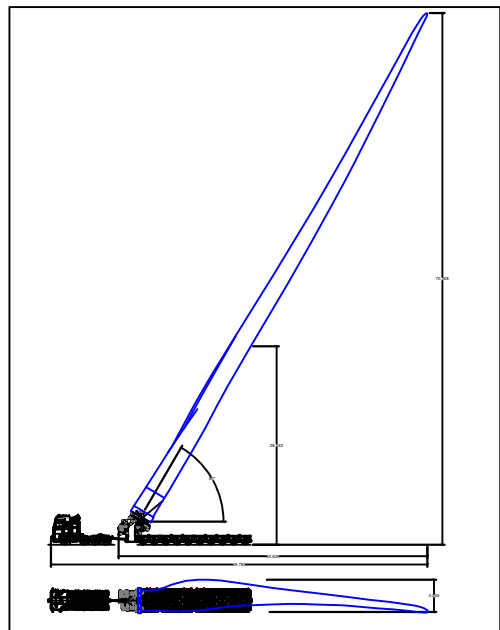
- Area within red outline will be swept by tractor and trailer axles
- ▨ Hatched area within red outline to be levelled and prepared to accept axle loadings
- Area within magenta outline will be oversailed by load and projections
- Area within green outline will be oversailed by trailer body

CLIENT REF: WP1.9



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

DRAWN	R. WEBSTER	TITLE	RIVER BRIDGE - N59, CROSSMOLINA		
DATE	02/07/21	MAPPING	PROVIDED BY CLIENT	CUSTOMER	BORD NA MONA
SCALE 1:1000	SIZE A3	PINCH POINT IDENTIFIED BY	CLIENT	SITE	OWENINNY WIND FARM
				DWG. NO.	359222-152B0.1



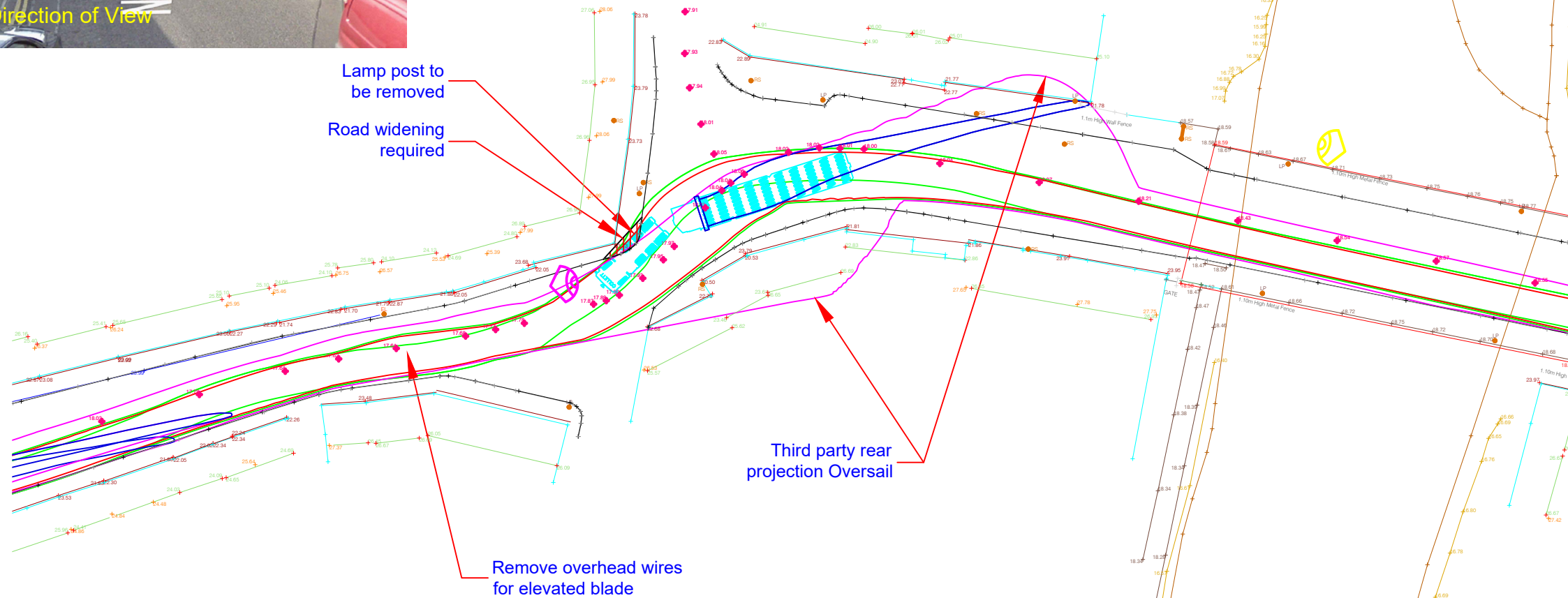
Swept Path indicates trailer utilising
MANUAL steering

Generic
155 Blade
Blade Lift Adapter elevated to 60°

Continue on N59.

****Caution****

- Road widening is required on the offside of the junction with Church Street to enable the loaded component to negotiate the S bend junction. A lamp post will require to be removed.
- The rear projection will oversail third party land on the offside and nearside of Bridge Street (N59) whilst negotiating the narrow S bend at the junction.
- Overhead wires crossing the N59, where indicated, are to be removed to allow unobstructed passage through the airspace.
- Manual steering & utilisation of the full extents of the road will be required to navigate at this location.



- 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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- 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 will be allowed for.
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- All dimensions in metres.

IRISH Grid Reference: G 13695 17569

- 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

CLIENT REF: WP1.9

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

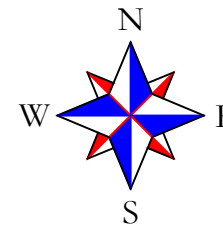
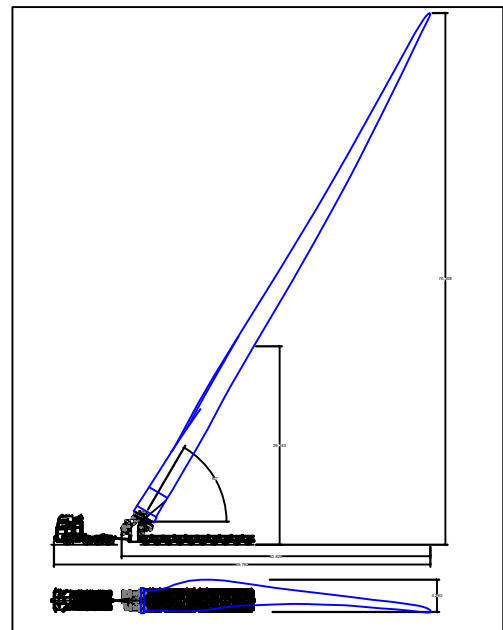
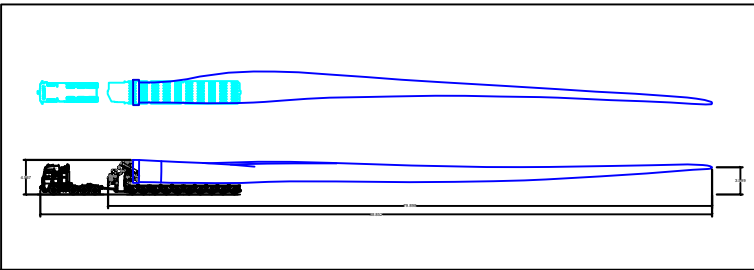
DRAWN	R. WEBSTER	TITLE	S BEND JUNCTION ON N59/ CHURCH STREET/ THE BOREEN, CROSSMOLINA		
DATE	02/07/21	MAPPING	PROVIDED BY CLIENT	CUSTOMER	BORD NA MONA
SCALE	1:500	SIZE	A3	PINCH POINT IDENTIFIED BY	CLIENT
				SITE	OWENINNY WIND FARM
				DWG. NO.	359222-153B1.1



Direction of View

Swept Path indicates trailer utilising AUTOMATIC steering

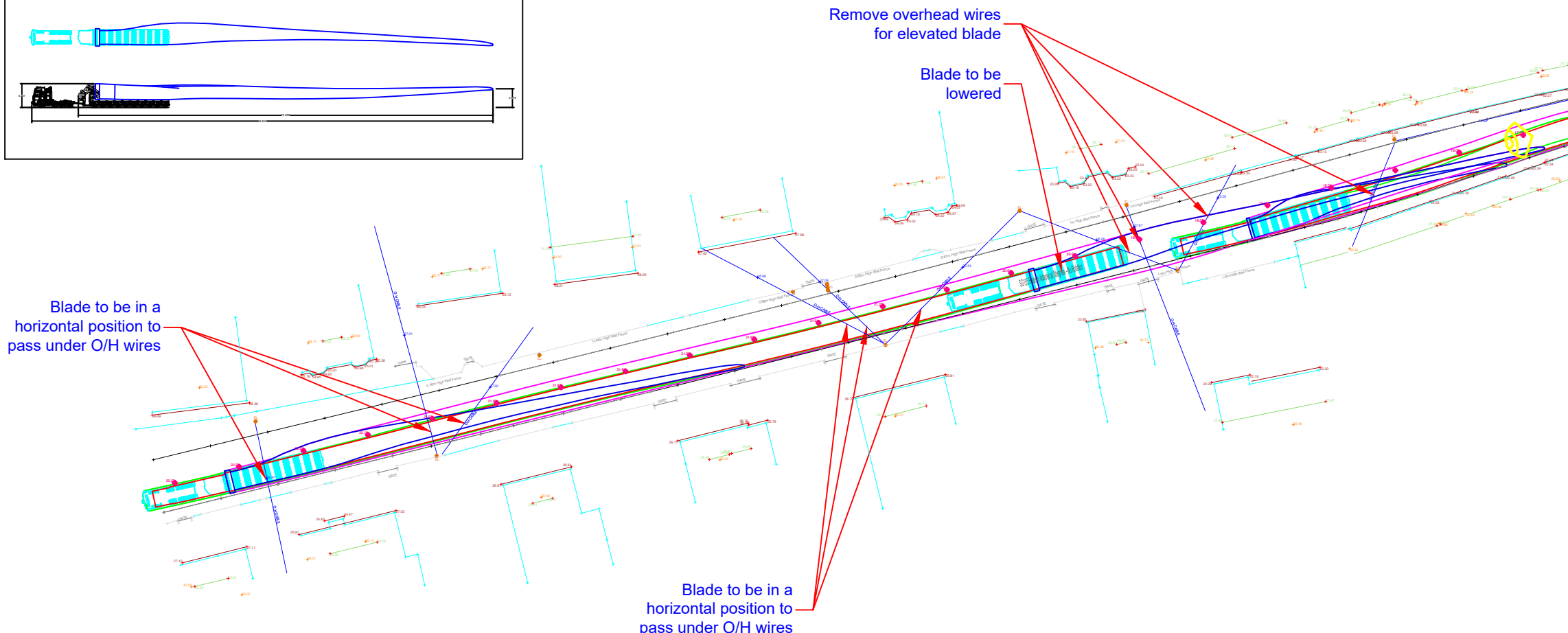
Generic 155 Blade
Blade Lift Adapter lowered & elevated to 60°



Continue on N59 .

****Caution****

- Overhead wires crossing the N59, where indicated, are to be removed to allow unobstructed passage through the airspace.



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- All dimensions in metres.

IRISH Grid Reference: G 13512 17516

- 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

CLIENT REF: WP1.9



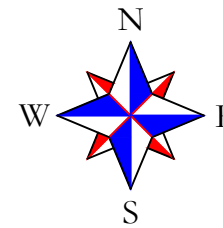
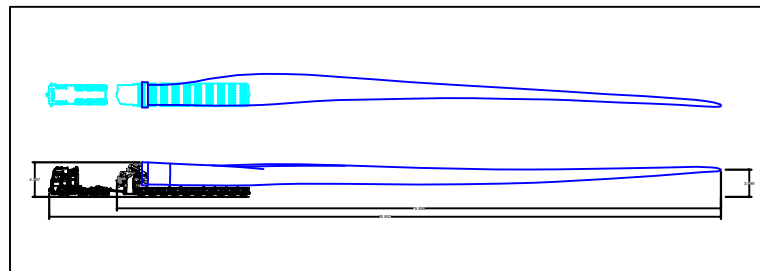
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Albert Road FAX: +44(0)8456 255244
Halifax, HX2 0DF WEB: www.collett.co.uk

DRAWN	R. WEBSTER	TITLE	OVERHEAD WIRES - ERRIS STREET (N59), CROSSMOLINA		
DATE	02/07/21	MAPPING	PROVIDED BY CLIENT	CUSTOMER	BORD NA MONA
SCALE	1:750	SIZE	A3	PINCH POINT IDENTIFIED BY	CLIENT
			SITE	OWENINNY WIND FARM	DWG. NO. 359222-154B0.1



Swept Path indicates trailer utilising MANUAL steering

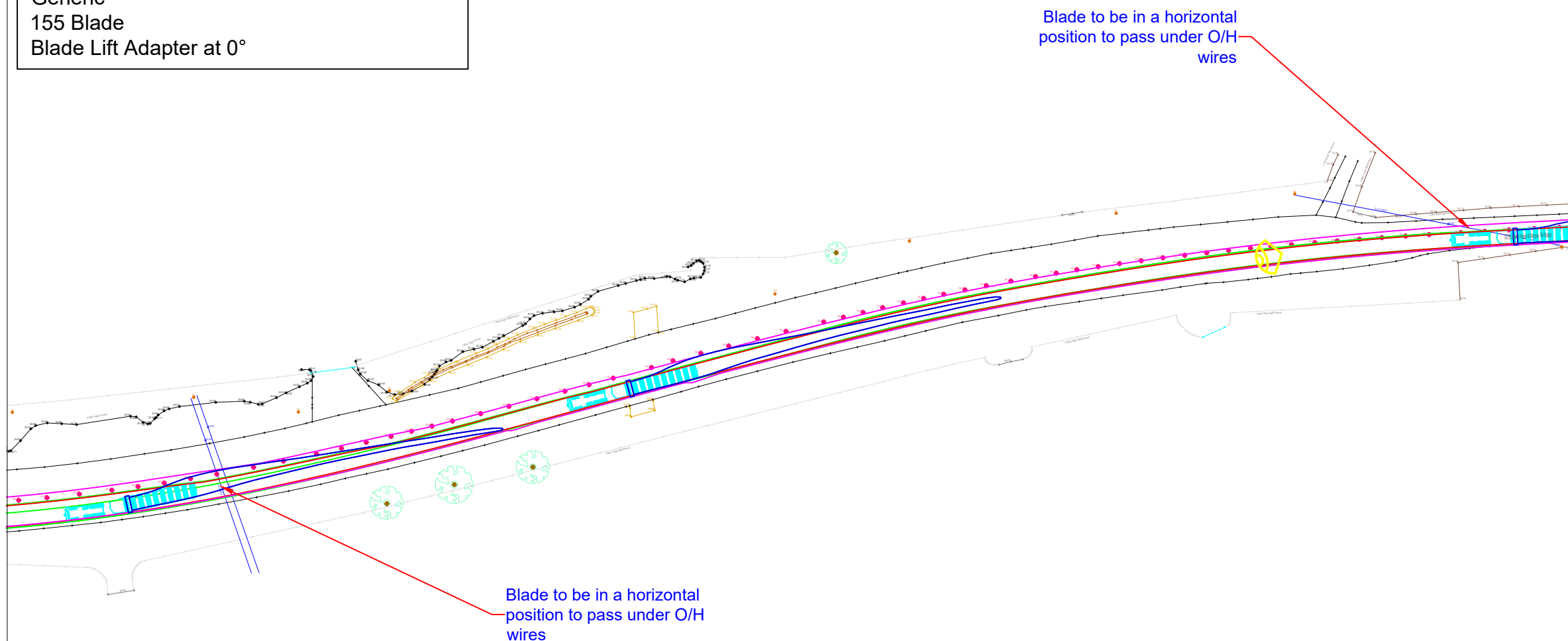
Generic
155 Blade
Blade Lift Adapter at 0°



Continue on N59 .

****Caution****

- Manual steering & utilisation of the full extents of the road will be required to navigate the loaded component at this location.



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- All dimensions in metres.

IRISH Grid Reference: G 11652 17201

- 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

CLIENT REF: WP1.42



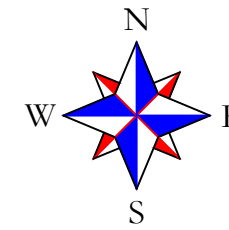
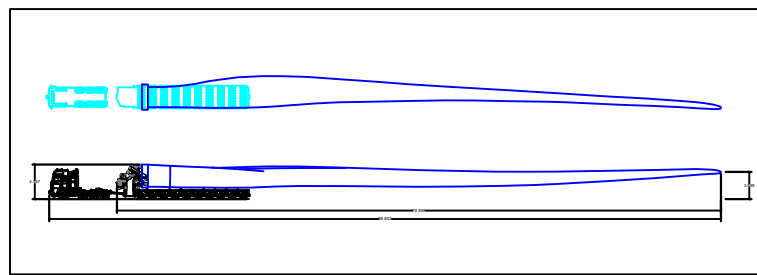
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Victoria Terminal TEL: +44(0)8456 255288
Albert Road FAX: +44(0)8456 255244
Halifax, HX2 0DF WEB: www.collett.co.uk

DRAWN	R. WEBSTER	TITLE	OVERHEAD WIRES - N59		
DATE	14/07/21	MAPPING	PROVIDED BY CLIENT	CUSTOMER	BORD NA MONA
SCALE	1:1000	SIZE	A3	PINCH POINT IDENTIFIED BY	CLIENT
		SITE	OWENINNY WIND FARM	DWG. NO.	359222-160B1.1



Swept Path indicates trailer utilising MANUAL steering

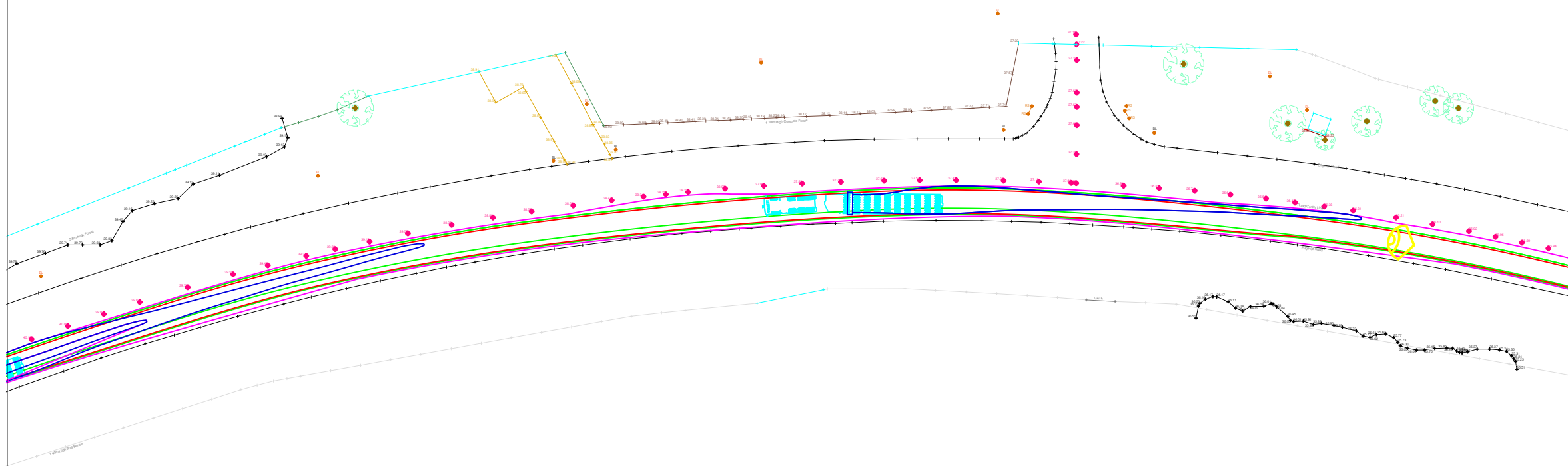
Generic
155 Blade
Blade Lift Adapter at 0°



Continue on N59 .

****Caution****

- Manual steering & utilisation of the full extents of the road will be required to navigate the loaded component at this location.



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- All dimensions in metres.

IRISH Grid Reference: G 11165 17227

- 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

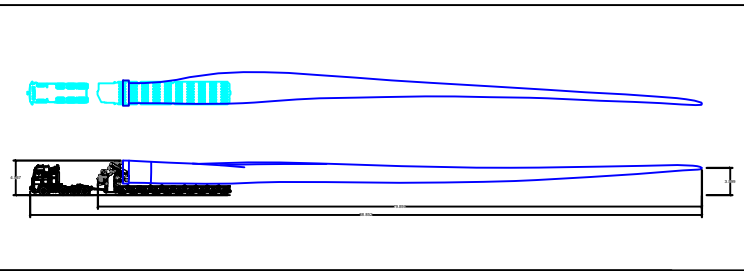
CLIENT REF: WP1.42



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

DRAWN R. WEBSTER
DATE 16/08/21
SCALE 1:750 SIZE A3

TITLE LEFT BEND ON N59, CLOONAWILLIN
MAPPING PROVIDED BY CLIENT CUSTOMER BORD NA MONA
PINCH POINT IDENTIFIED BY CLIENT SITE OWENINNY WIND FARM DWG. NO. 359222-161B1.1

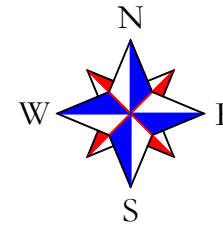


Swept Path indicates trailer utilising MANUAL steering

Generic
155 Blade
Blade Lift Adapter at 0°



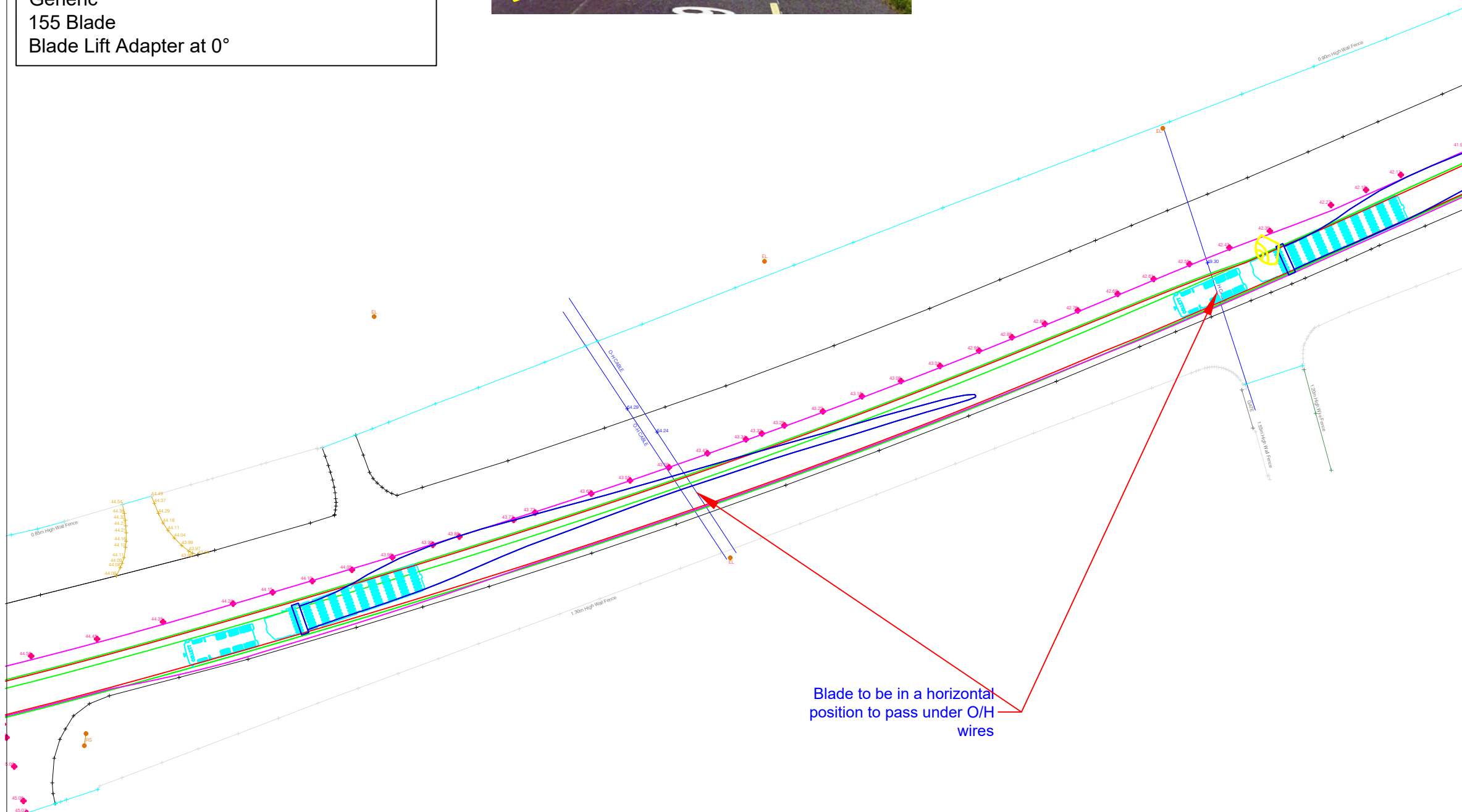
Direction of View



Continue on N59 .

****Caution****

- Manual steering & utilisation of the full extents of the road will be required to navigate the loaded component at this location.



Blade to be in a horizontal position to pass under O/H wires

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- All dimensions in metres.

IRISH Grid Reference: G 10838 17121

- 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

CLIENT REF: WP1.42



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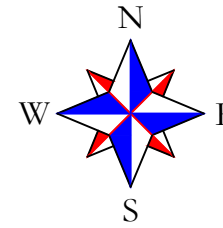
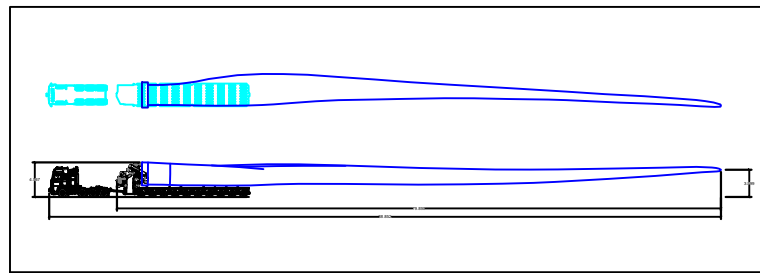
DRAWN R. WEBSTER
DATE 16/08/21
SCALE 1:500 SIZE A3

TITLE OVERHEAD CABLES ON N59, CLOONAWILLIN
MAPPING PROVIDED BY CLIENT CUSTOMER BORD NA MONA
PINCH POINT IDENTIFIED BY CLIENT SITE OWENINNY WIND FARM DWG. NO. 359222-162B1.1



Swept Path indicates trailer utilising MANUAL steering

Generic
155 Blade
Blade Lift Adapter at 0°

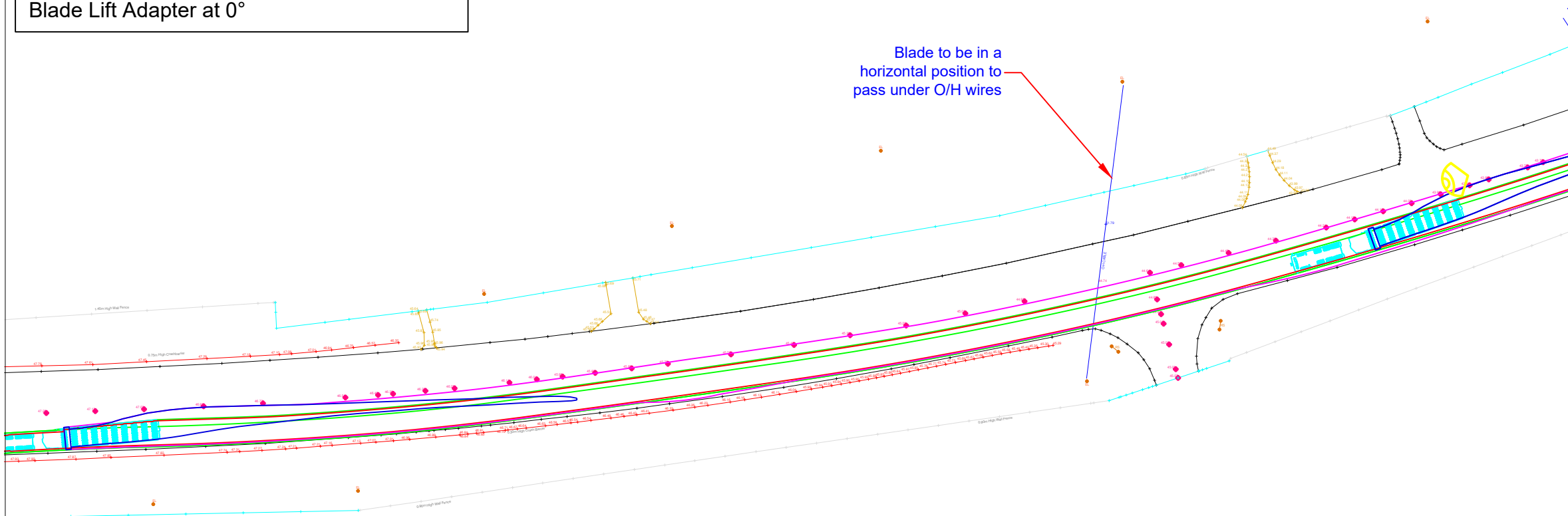


Continue on N59 .

****Caution****

- Manual steering & utilisation of the full extents of the road will be required to navigate the loaded component at this location.

Blade to be in a horizontal position to pass under O/H wires



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IRISH Grid Reference: G 10627 17087

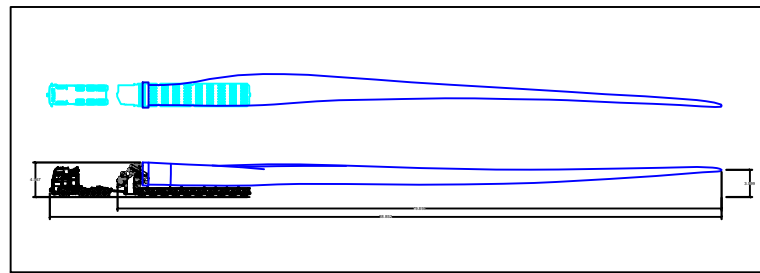
- Area within red outline will be swept by tractor and trailer axles
- ▨ Hatched area within red outline to be levelled and prepared to accept axle loadings
- Area within magenta outline will be oversailed by load and projections
- Area within green outline will be oversailed by trailer body

CLIENT REF: WP1.42



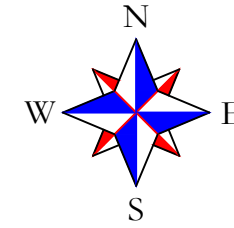
COLLETT & SONS LIMITED
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Albert Road FAX: +44(0)8456 255244
Halifax, HX2 0DF WEB: www.collett.co.uk

DRAWN	R. WEBSTER	TITLE	OVERHEAD CABLES ON N59, CLOONAWILLIN		
DATE	14/07/21	MAPPING	PROVIDED BY CLIENT	CUSTOMER	BORD NA MONA
SCALE	1:750	SIZE	A3	PINCH POINT IDENTIFIED BY	CLIENT
		SITE	OWENINNY WIND FARM	DWG. NO.	359222-163B1.1



Swept Path indicates trailer utilising
MANUAL steering

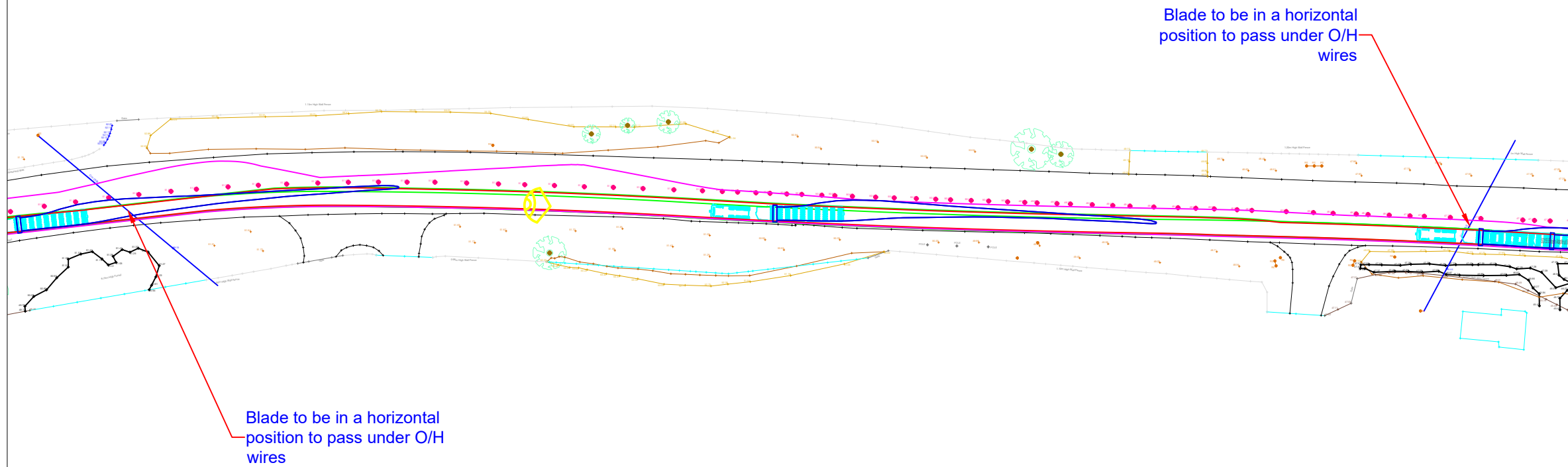
Generic
155 Blade
Blade Lift Adapter lowered to 0°



Continue on N59.

****Caution****

- With the blade lowered, the vehicle will pass below the overhead wires uninhibited.
- Manual steering & utilisation of the full extents of the road will be required to navigate the loaded component at this location.



- 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 will 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 highway boundaries. The boundaries between private land and highway property are assumed by using obvious demarcation such as fence lines/hedges etc. It will 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. 'Permits for movements' by the LA 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 metres.

IRISH Grid Reference: G 09948 17079

- 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

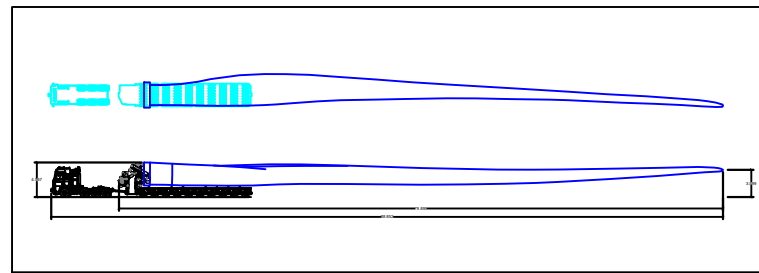
CLIENT REF: WP1.15



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

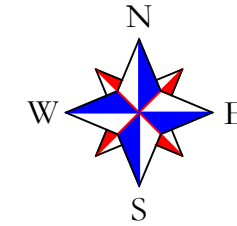
DRAWN R. WEBSTER
DATE 08/07/21
SCALE 1:1000 SIZE A3

TITLE OVERHEAD CABLES ON N59, MOYLAW
MAPPING PROVIDED BY CLIENT CUSTOMER BORD NA MONA
PINCH POINT IDENTIFIED BY CLIENT SITE OWENINNY WIND FARM DWG. NO. 359222-170B1.1



Swept Path indicates trailer utilising
AUTOMATIC steering

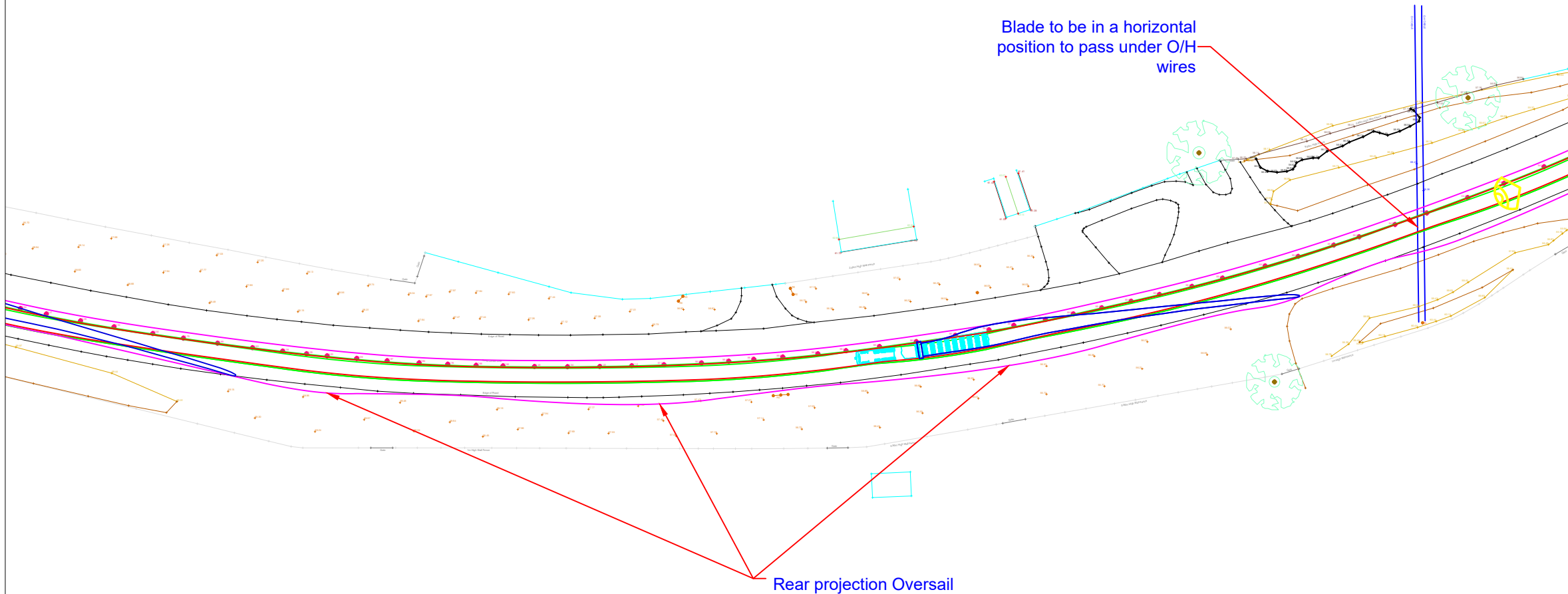
Generic
155 Blade
Blade Lift Adapter lowered to 0°



Continue on N59.

****Caution****

- Whilst hugging the centre line of the road, the rear projection will oversail the verge on the nearside of the road during the manoeuvre around the bend. This will not provide any third-party issues.
- With the blade lowered, the vehicle will pass below the overhead wires uninhibited.



- 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 will 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 will 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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- 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 metres.

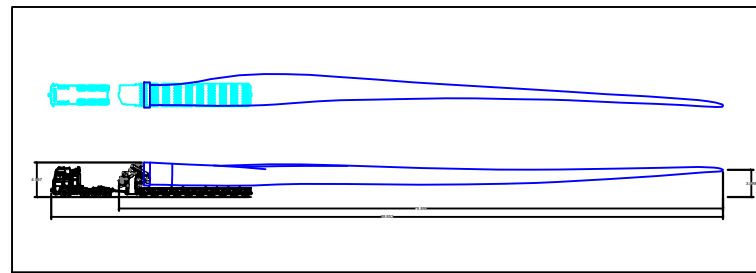
IRISH Grid Reference: G 09358 16956

- 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

CLIENT REF: WP1.15

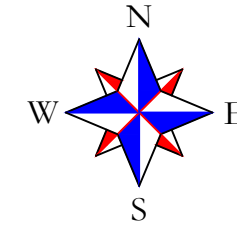
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 Albert Road FAX: +44(0)8456 255244
 Halifax, HX2 0DF WEB: www.collett.co.uk

DRAWN	R. WEBSTER	TITLE	OVERHEAD CABLES ON RIGHT BEND ON N59, MOYLAW		
DATE	08/07/21	MAPPING	PROVIDED BY CLIENT	CUSTOMER	BORD NA MONA
SCALE	1:1000	SIZE	A3	PINCH POINT IDENTIFIED BY	CLIENT
		SITE	OWENINNY WIND FARM	DWG. NO.	359222-171B0.1



Swept Path indicates trailer utilising
AUTOMATIC steering

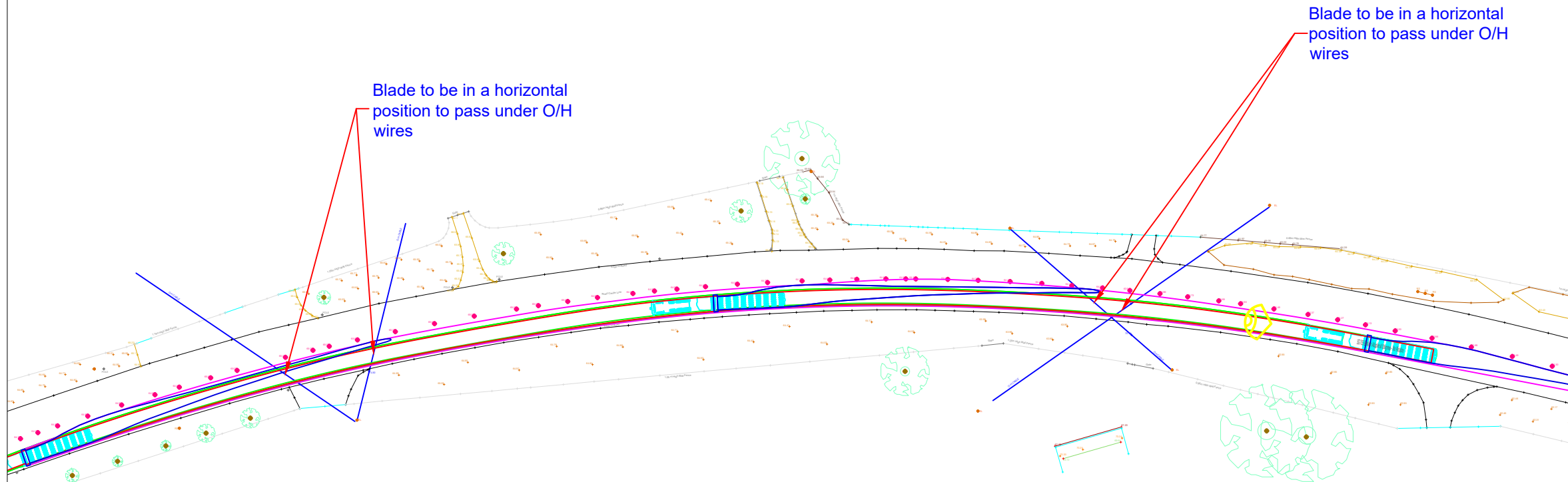
Generic
155 Blade
Blade Lift Adapter lowered to 0°



Continue on N59.

****Caution****

- With the blade lowered, the vehicle will pass below the overhead wires uninhibited.



- 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 will 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 will 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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- 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 metres.

IRISH Grid Reference: G 08930 17008

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

CLIENT REF: WP1.15



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

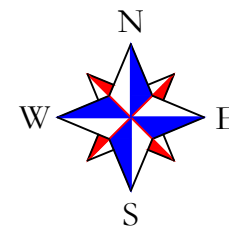
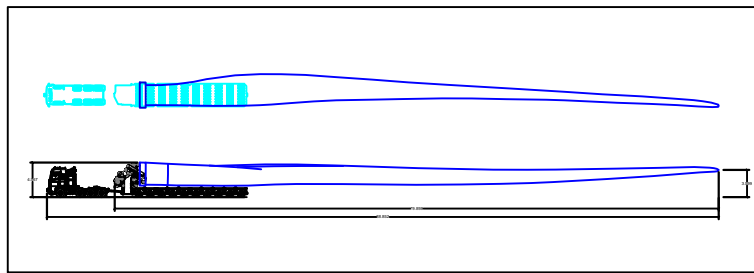
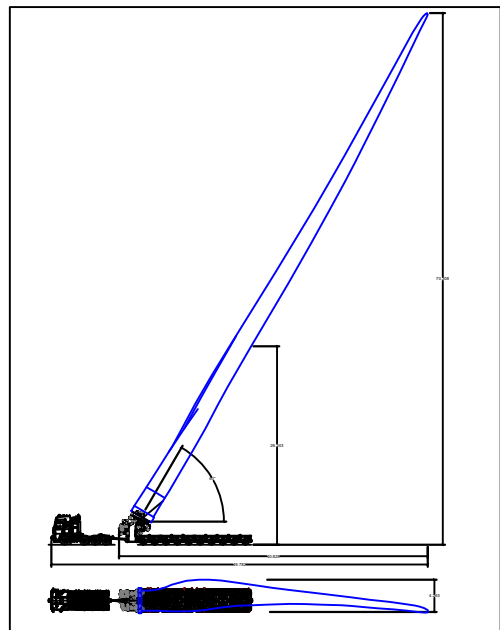
DRAWN R. WEBSTER
DATE 08/07/21
SCALE 1:1000 SIZE A3

TITLE OVERHEAD CABLES ON LEFT BANE ON N59, MOYLAW
MAPPING PROVIDED BY CLIENT CUSTOMER BORD NA MONA
PINCH POINT IDENTIFIED BY CLIENT SITE OWENINNY WIND FARM DWG. NO. 359222-172B0.1



Swept Path indicates trailer utilising MANUAL steering

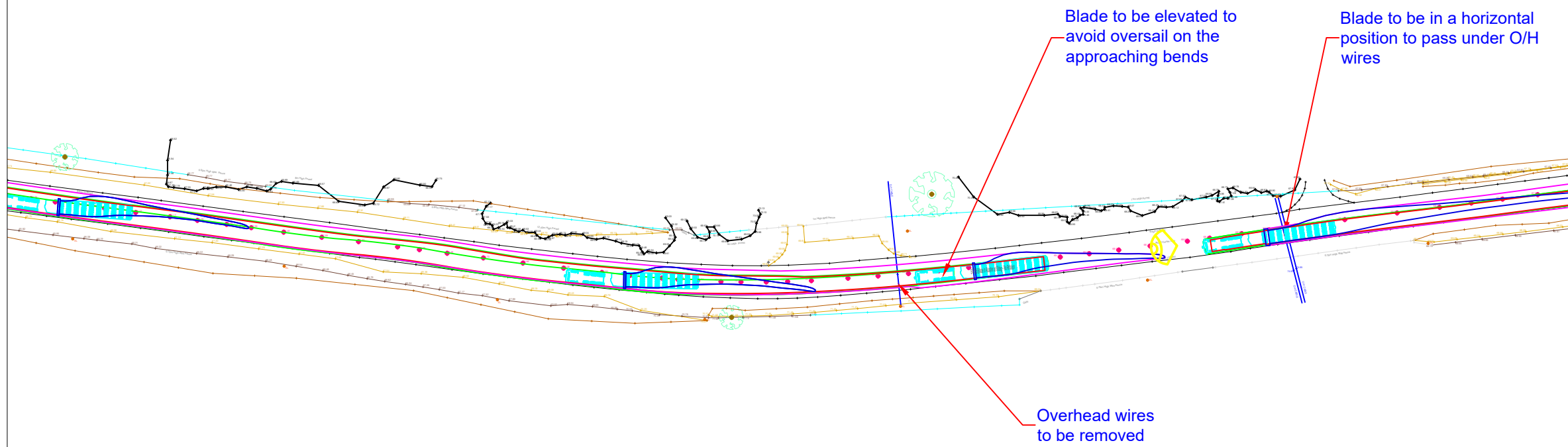
Generic
155 Blade
Blade Lift Adapter elevated at 0 & 60°



Continue on N59.

****Caution****

- Utilisation of the full extents of the road will be required at this location.
- The Overhead wires indicated are to be removed to allow the blade to be elevated. This will enable the vehicle to navigate the bend whilst negate third party issues.



- 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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- 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.
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- All dimensions in metres.

IRISH Grid Reference: G 08237 16893

- 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

CLIENT REF: WP1.15



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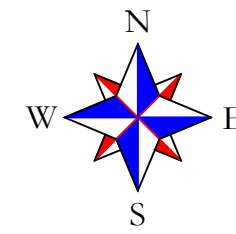
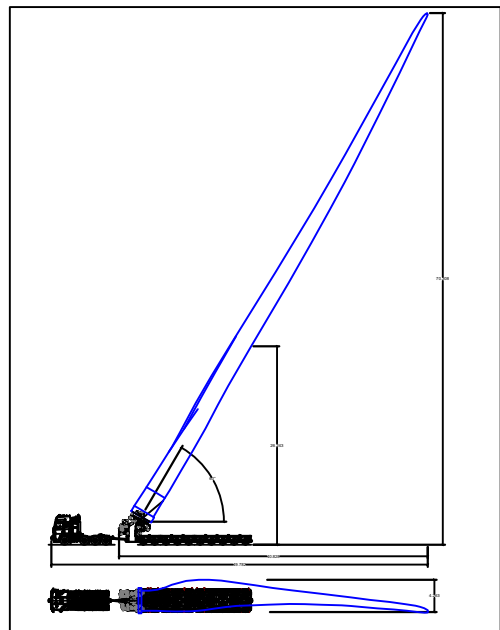
DRAWN R. WEBSTER
DATE 08/07/21
SCALE 1:1000 SIZE A3

TITLE OVERHEAD CABLES ON RIGHT BEND ON N59, MOYLAW
MAPPING PROVIDED BY CLIENT CUSTOMER BORD NA MONA
PINCH POINT IDENTIFIED BY CLIENT SITE OWENINNY WIND FARM DWG. NO. 359222-173B1.1



Swept Path indicates trailer utilising MANUAL steering

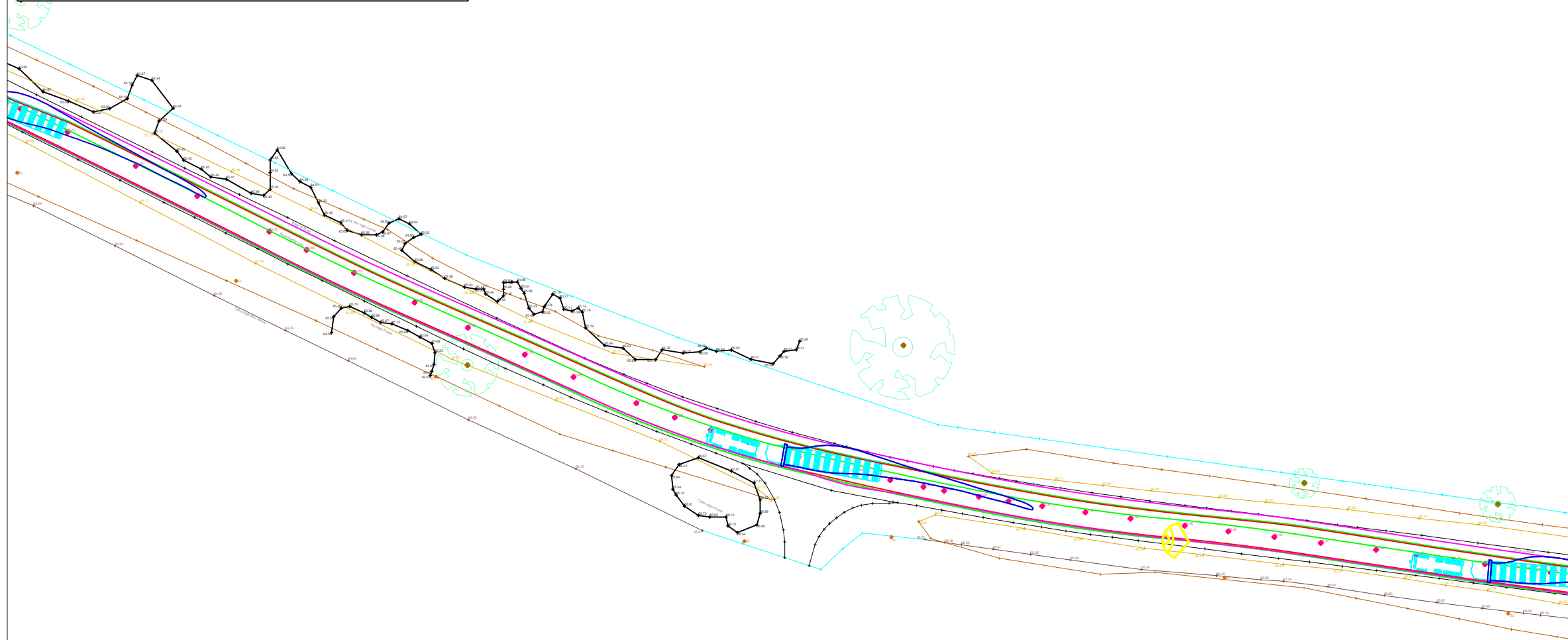
Generic 155 Blade Blade Lift Adapter elevated at 60°



Continue on N59.

****Caution****

- With the blade raised whilst negotiating the bend, any third party issues will be negated.
- Utilisation of the full extents of the road will be required at this location.



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- 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 will 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 will 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 metres.

IRISH Grid Reference: G 08005 16923

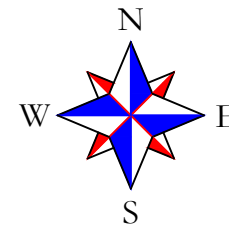
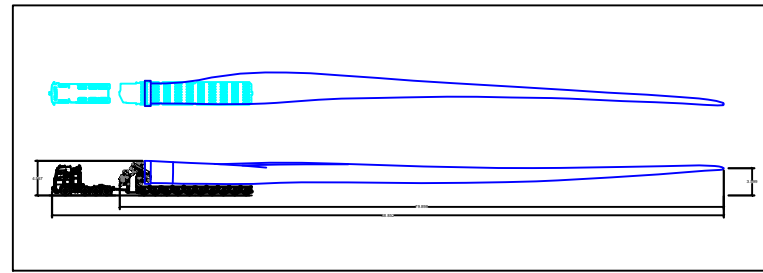
- Area within red outline will be swept by tractor and trailer axles
- ▨ Hatched area within red outline to be levelled and prepared to accept axle loadings
- Area within magenta outline will be oversailed by load and projections
- Area within green outline will be oversailed by trailer body

CLIENT REF: WP1.15



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DRAWN	R. WEBSTER	TITLE	RIGHT BEND ON N59, MOYLAW		
DATE	19/07/21	MAPPING	PROVIDED BY CLIENT	CUSTOMER	BORD NA MONA
SCALE	1:750	SIZE	A3	PINCH POINT IDENTIFIED BY	CLIENT
				SITE	OWENINNY WIND FARM
				DWG. NO.	359222-174B1.1



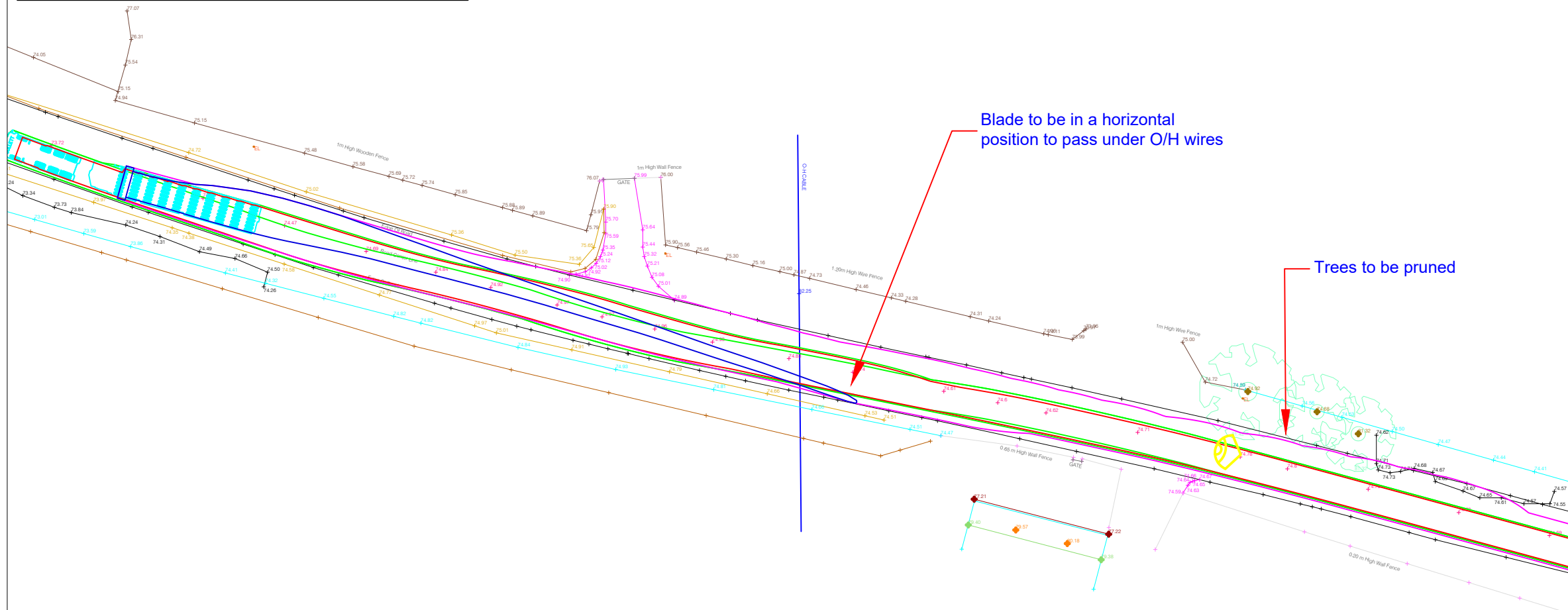
Swept Path indicates trailer utilising MANUAL steering

Generic 155 Blade Blade Lift Adapter at 0°

Continue on N59.

****Caution****

- Manual steering will be required to navigate the loaded component at this location.
- Utilisation of the full extents of the road will be required at this location.
- With the blade lowered, the vehicle will pass below the overhead wires uninhibited.
- Trees on the offside are to be pruned to enable unobstructed passage through the airspace.



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- All dimensions in metres.

IRISH Grid Reference: G 04645 18826

- 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

CLIENT REF: WP1.16



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

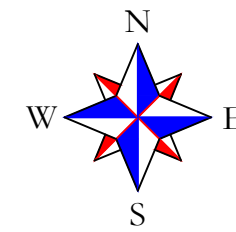
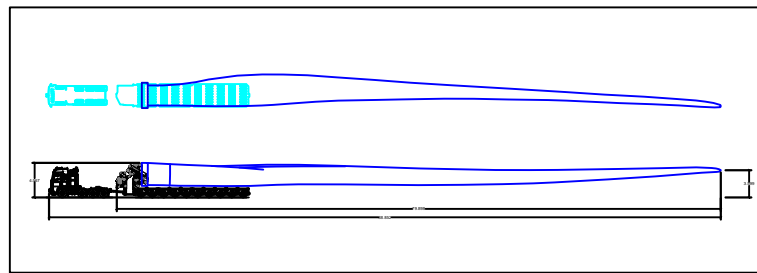
DRAWN R. WEBSTER
 DATE 08/07/21
 SCALE 1:500 SIZE A3

TITLE OVERHEAD CABLES ON N59, ESKERAGH
 MAPPING PROVIDED BY CLIENT CUSTOMER BORD NA MONA
 PINCH POINT IDENTIFIED BY CLIENT SITE OWENINNY WIND FARM DWG. NO. 359222-180B1.1



Swept Path indicates trailer utilising AUTOMATIC steering

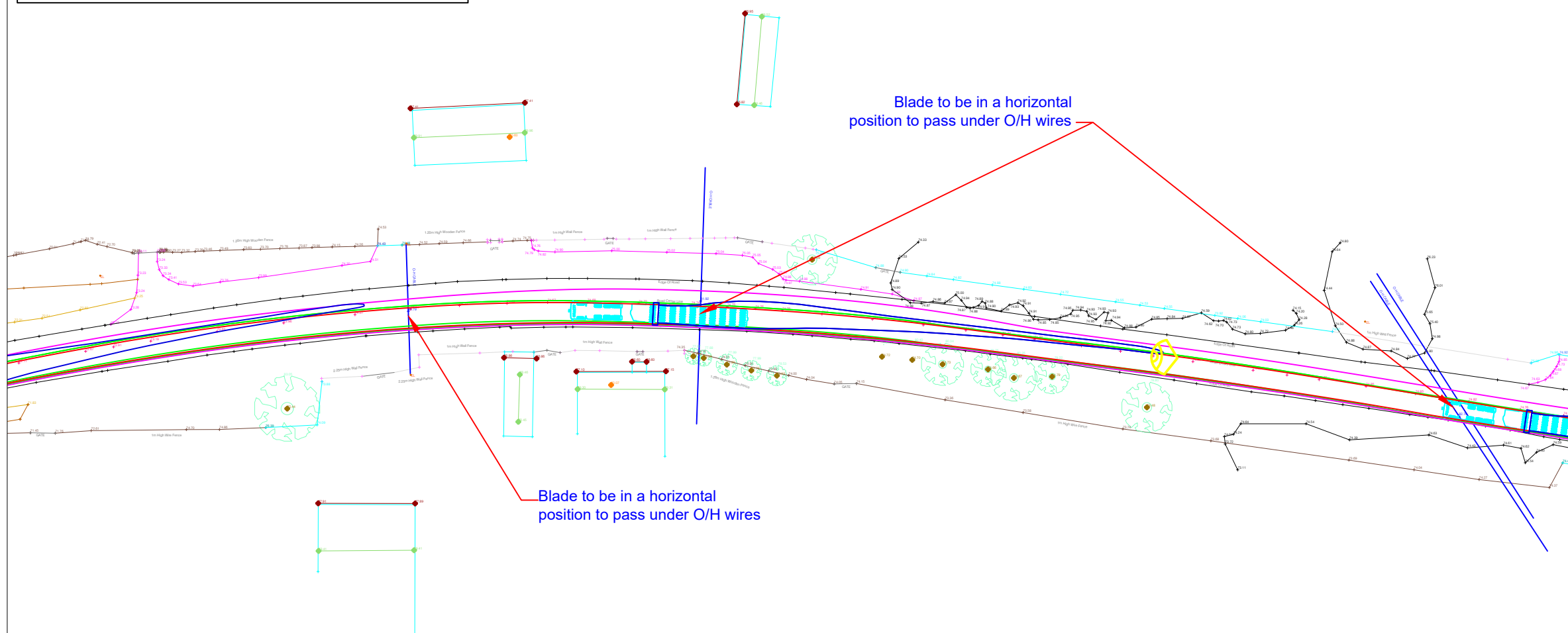
Generic
155 Blade
Blade Lift Adapter at 0°



Continue on N59.

****Caution****

- Utilisation of the full extents of the road will be required at this location.
- With the blade lowered, the vehicle will pass below the overhead wires uninhibited.



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- All dimensions in metres.

IRISH Grid Reference: G 04111 18922

- 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

CLIENT REF: WP1.16



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

DRAWN R. WEBSTER
DATE 08/07/21
SCALE 1:750 SIZE A3

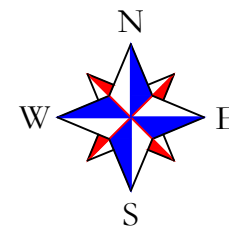
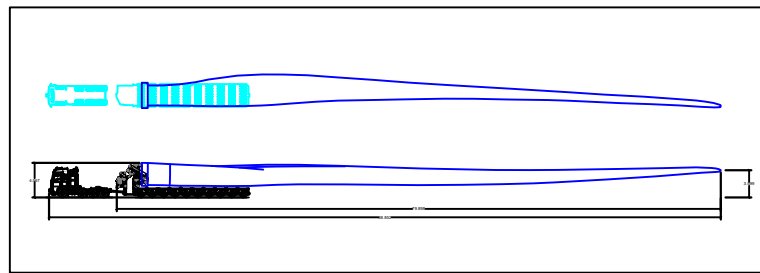
TITLE OVERHEAD CABLES ON LEFT BEND ON N59, ESKERAGH
MAPPING PROVIDED BY CLIENT CUSTOMER BORD NA MONA
PINCH POINT IDENTIFIED BY CLIENT SITE OWENINNY WIND FARM DWG. NO. 359222-181B0.1



Direction of View

Swept Path indicates trailer utilising AUTOMATIC steering

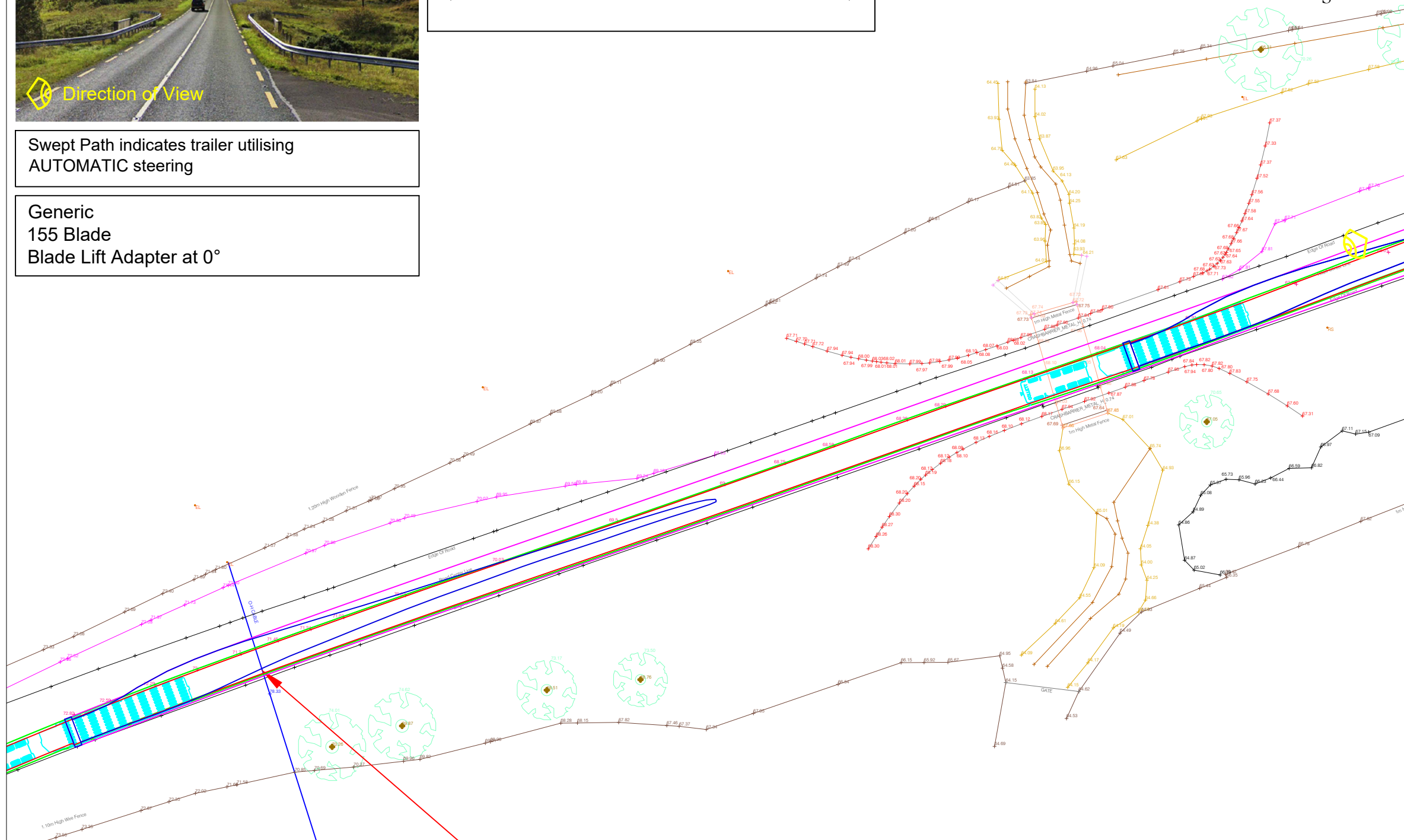
Generic 155 Blade Blade Lift Adapter at 0°



Continue on N59.

****Caution****

- Utilisation of the full extents of the road will be required at this location.
- With the blade lowered, the vehicle will pass below the overhead wires uninhibited.



Blade to be in a horizontal position to pass under O/H wires

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- All dimensions in metres.

IRISH Grid Reference: G 03902 18868

- 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

CLIENT REF: WP1.16



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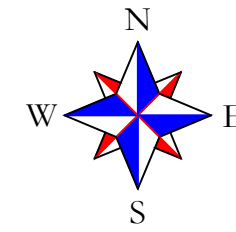
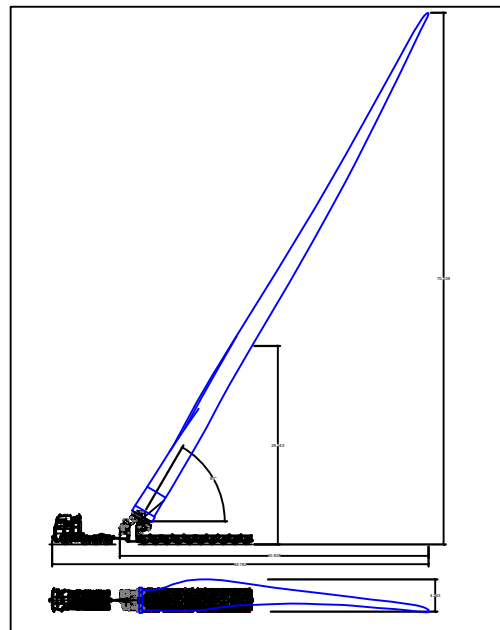
DRAWN	R. WEBSTER	TITLE	OVERHEAD CABLES ON N59, ESKERAGH		
DATE	08/07/21	MAPPING	PROVIDED BY CLIENT	CUSTOMER	BORD NA MONA
SCALE	1:500	SIZE	A3	PINCH POINT IDENTIFIED BY	CLIENT
				SITE	OWENINNY WIND FARM
				DWG. NO.	359222-182B0.1



Direction of View

Swept Path indicates trailer utilising AUTOMATIC steering

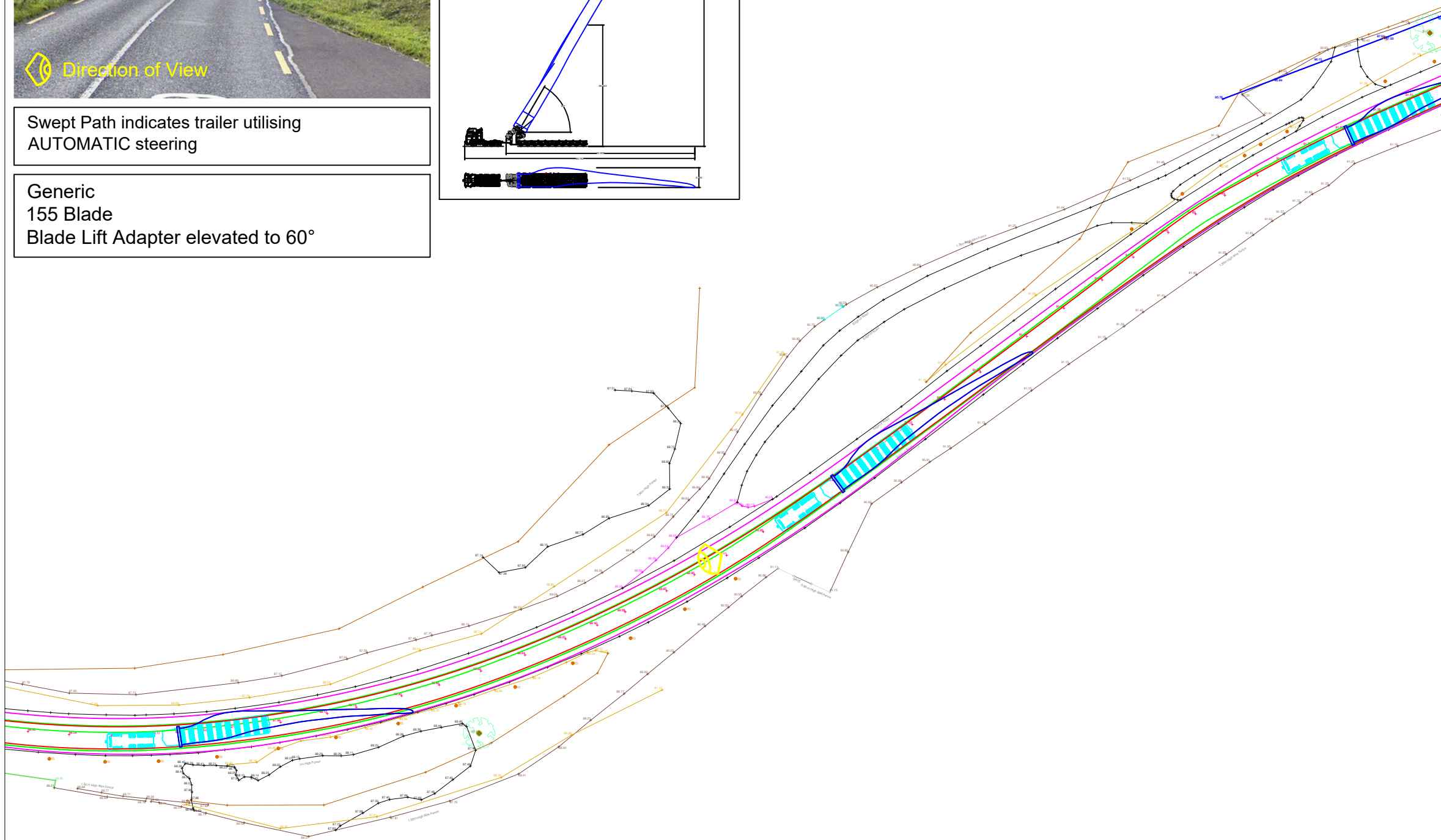
Generic 155 Blade
Blade Lift Adapter elevated to 60°



Continue on N59.

****Caution****

- Utilisation of the full extents of the road will be required at this location.



- 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.
- Police escorts and permits will be required for the movement of all of the components. 'Permits for movements' by the LA 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 metres.

IRISH Grid Reference: G 02730 18380

- 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

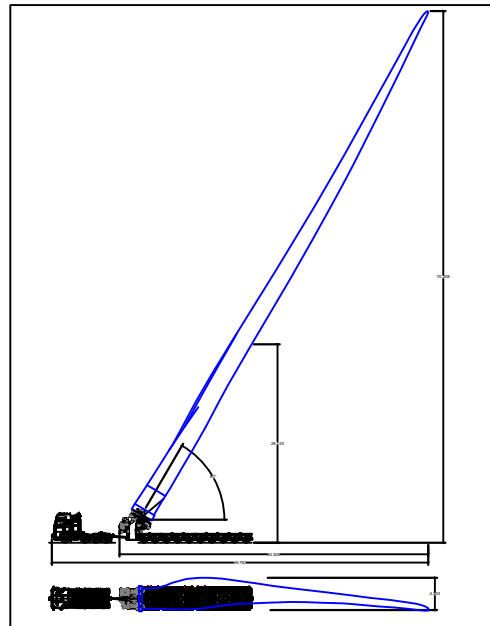
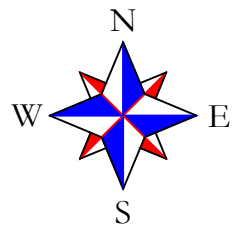
CLIENT REF: WP1.10



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

DRAWN R. WEBSTER
DATE 16/08/21
SCALE 1:750 SIZE A3

TITLE RIGHT BEND ON N59, DOOLEEG
MAPPING PROVIDED BY CLIENT CUSTOMER BORD NA MONA
PINCH POINT IDENTIFIED BY CLIENT SITE OWENINNY WIND FARM DWG. NO. 359222-190A0.1



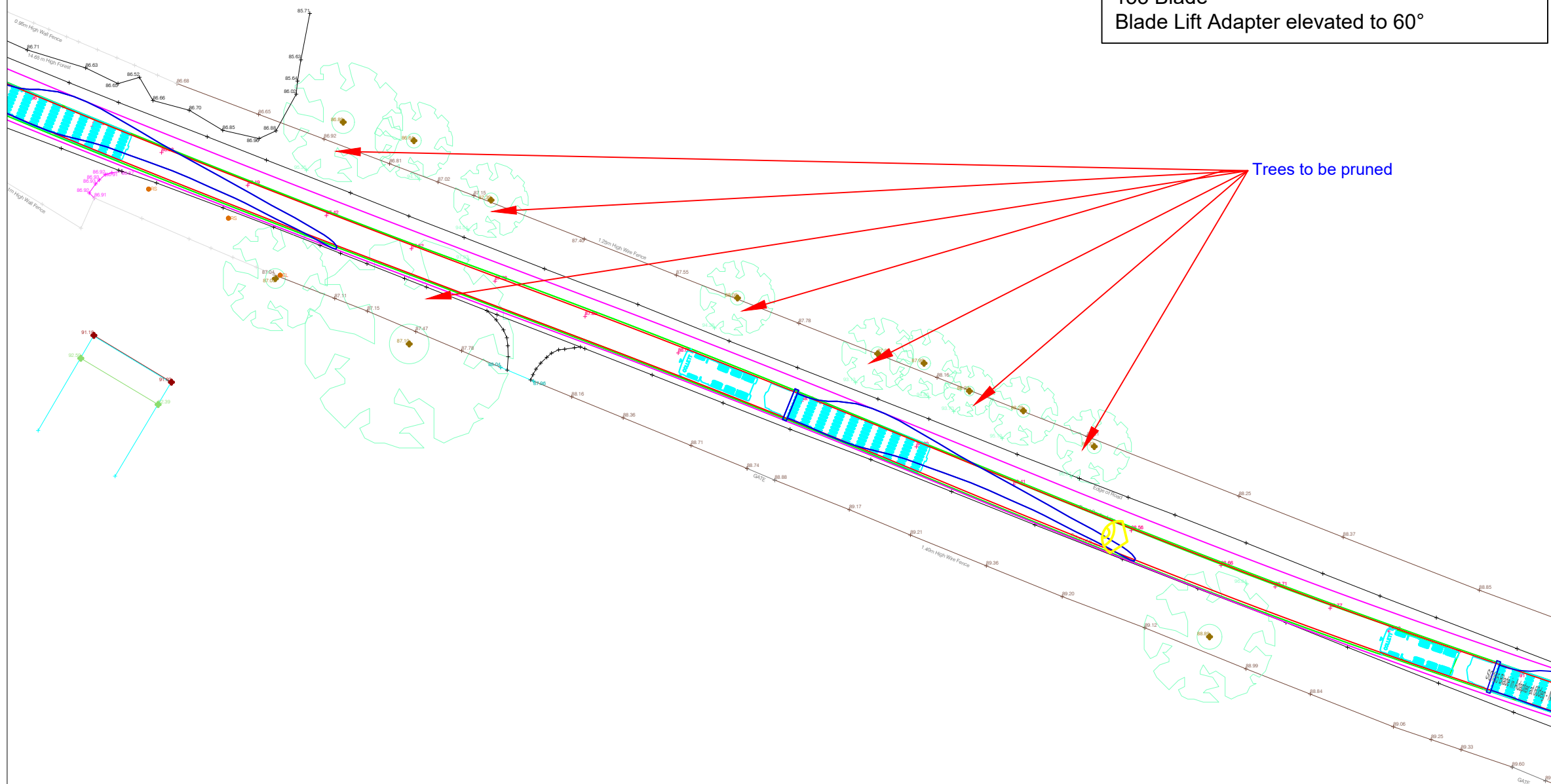
Swept Path indicates trailer utilising AUTOMATIC steering

Generic
155 Blade
Blade Lift Adapter elevated to 60°

Continue on N59.

****Caution****

- Utilisation of the full extents of the road will be required at this location.
- Trees to be pruned on both sides of the road to allow the vehicle unobstructed passage.



- 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.
- Police escorts and permits will be required for the movement of all of the components. 'Permits for movements' by the LA 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 metres.

IRISH Grid Reference: G 02446 18427

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

CLIENT REF: WP1.10



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DRAWN R. WEBSTER
DATE 16/08/21
SCALE 1:500 SIZE A3

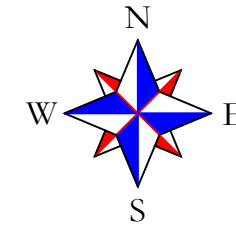
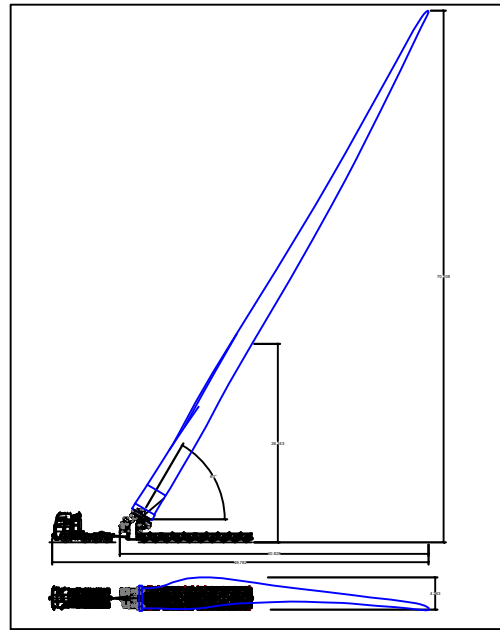
TITLE OVERHANGING TREES ON N59, DOOLEEG
MAPPING PROVIDED BY CLIENT CUSTOMER BORD NA MONA
PINCH POINT IDENTIFIED BY CLIENT SITE OWENINNY WIND FARM DWG. NO. 359222-191B0.1



Direction of View

Swept Path indicates trailer utilising AUTOMATIC steering

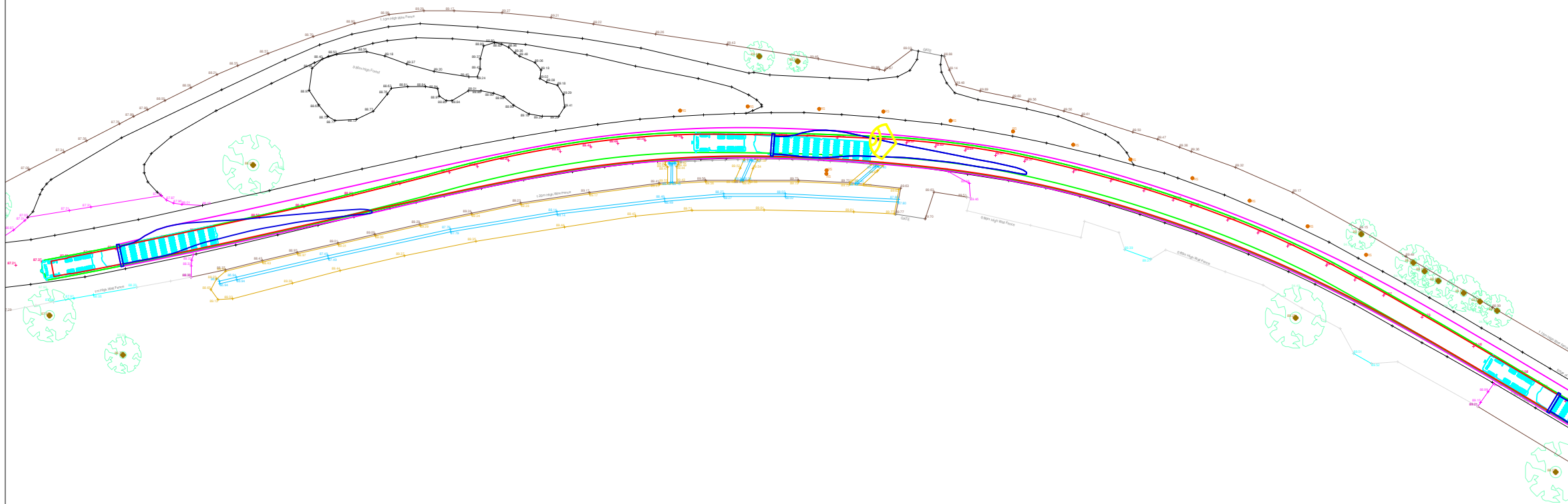
Generic 155 Blade
Blade Lift Adapter elevated to 60°



Continue on N59.

****Caution****

- Utilisation of the full extents of the road will be required at this location.



- 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.
- Police escorts and permits will be required for the movement of all of the components. 'Permits for movements' by the LA 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 metres.

IRISH Grid Reference: G 02077 18610

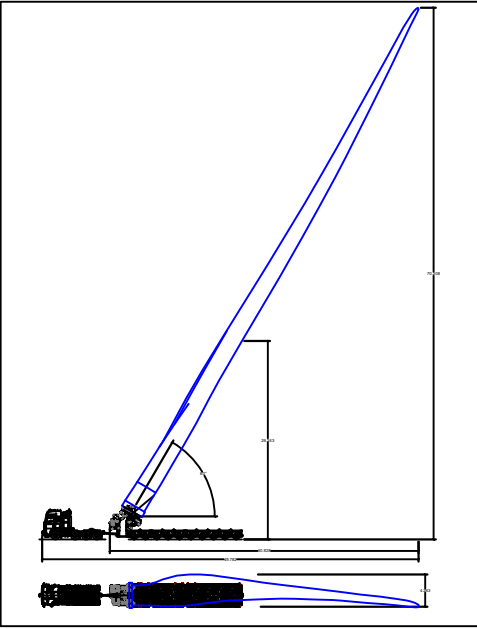
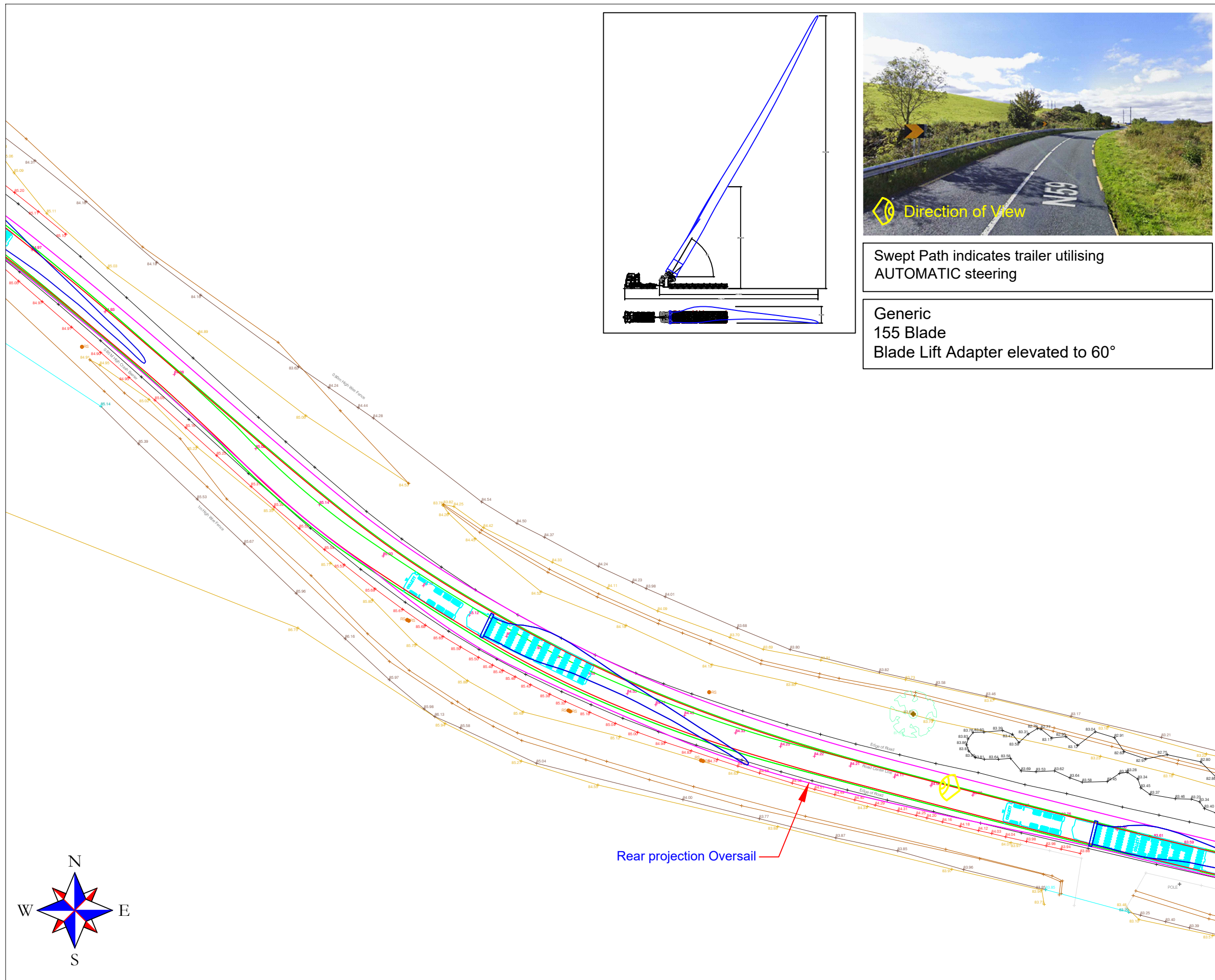
- Area within red outline will be swept by tractor and trailer axles
- ▨ Hatched area within red outline to be levelled and prepared to accept axle loadings
- Area within magenta outline will be oversailed by load and projections
- Area within green outline will be oversailed by trailer body

CLIENT REF: WP1.10



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DRAWN	R. WEBSTER	TITLE	LEFT BEND ON N59, DOOLEEG		
DATE	16/08/21	MAPPING	PROVIDED BY CLIENT	CUSTOMER	BORD NA MONA
SCALE	1:750	SIZE	A3	PINCH POINT IDENTIFIED BY	CLIENT
				SITE	OWENINNY WIND FARM
				DWG. NO.	359222-192B0.1



Swept Path indicates trailer utilising AUTOMATIC steering

Generic 155 Blade Blade Lift Adapter elevated to 60°

Continue on N59.

****Caution****

- The rear projection will oversail the verge on the nearside, prior to the bend. This will not provide any third-party issues.
- Utilisation of the full extents of the road will be required at this location.

- 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.
- Police escorts and permits will be required for the movement of all of the components. 'Permits for movements' by the LA 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 metres.

IRISH Grid Reference: G 01688 18642

- 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

CLIENT REF: WP1.10



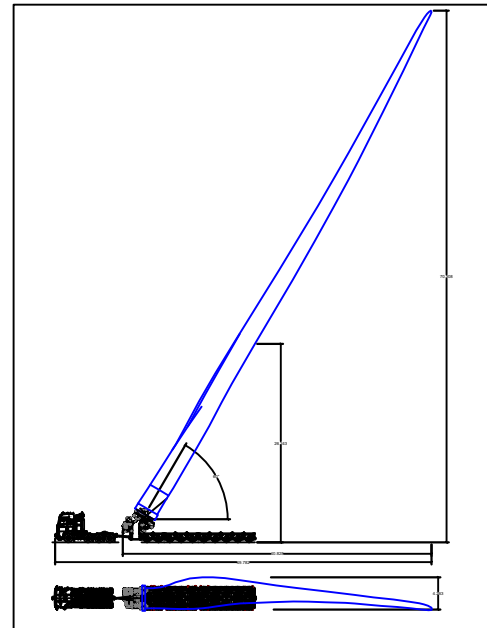
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 Albert Road FAX: +44(0)8456 255244
 Halifax, HX2 0DF WEB: www.collett.co.uk

DRAWN	R. WEBSTER	TITLE	RIGHT BEND ON N59, DOOLEEG		
DATE	16/08/21	MAPPING	PROVIDED BY CLIENT	CUSTOMER	BORD NA MONA
SCALE	1:500	SIZE	A3	PINCH POINT IDENTIFIED BY	CLIENT
			SITE	OWENINNY WIND FARM	DWG. NO. 359222-193B0.1



Swept Path indicates trailer utilising AUTOMATIC steering

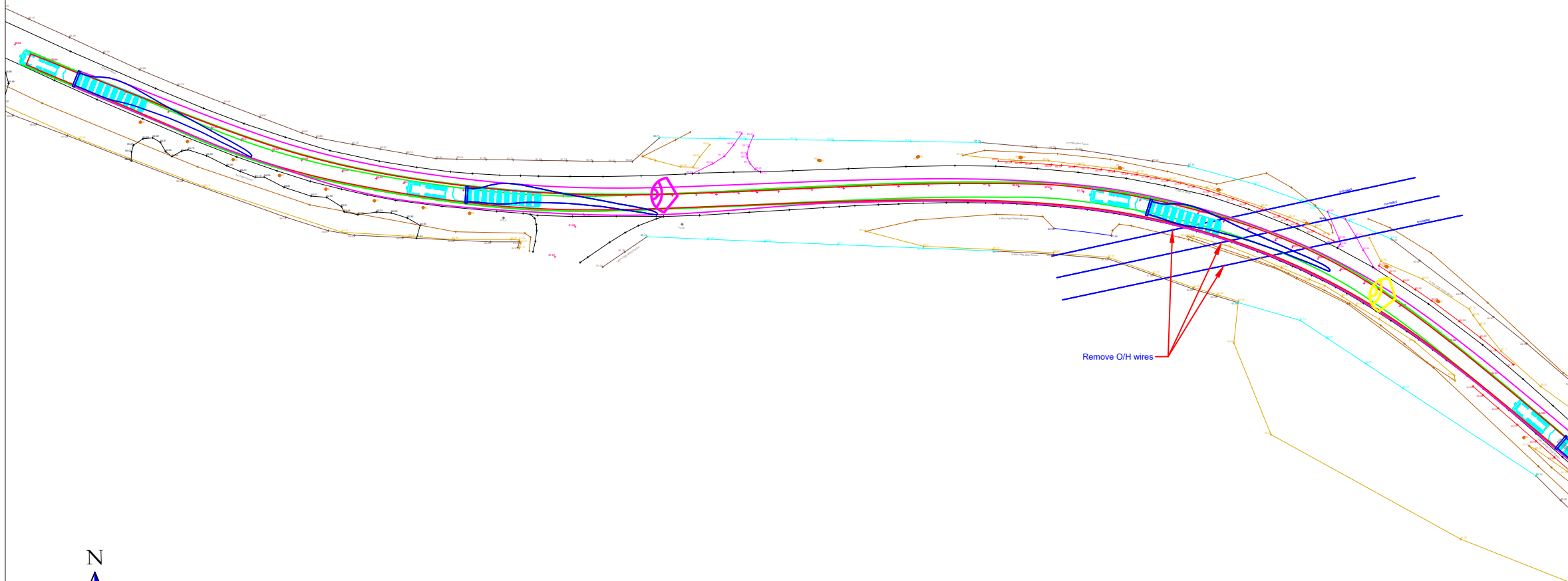
Generic
155 Blade
Blade Lift Adapter elevated to 60°



Continue on N59.

****Caution****

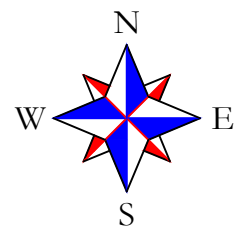
- The overhead wires crossing the N59 are to be removed to allow the elevated blade unobstructed passage through the airspace.
- Utilisation of the full extents of the road will be required at this location.



- 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.
- Police escorts and permits will be required for the movement of all of the components. 'Permits for movements' by the LA 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 metres.

IRISH Grid Reference: G 01492 18730

- 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



CLIENT REF: WP1.10

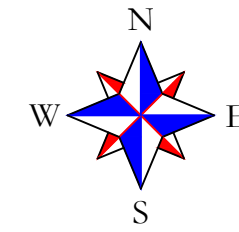


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DRAWN R. WEBSTER
DATE 16/08/21
SCALE 1:1000 SIZE A3

TITLE S - BEND ON N59, DOOLEEG
MAPPING PROVIDED BY CLIENT
PINCH POINT IDENTIFIED BY CLIENT

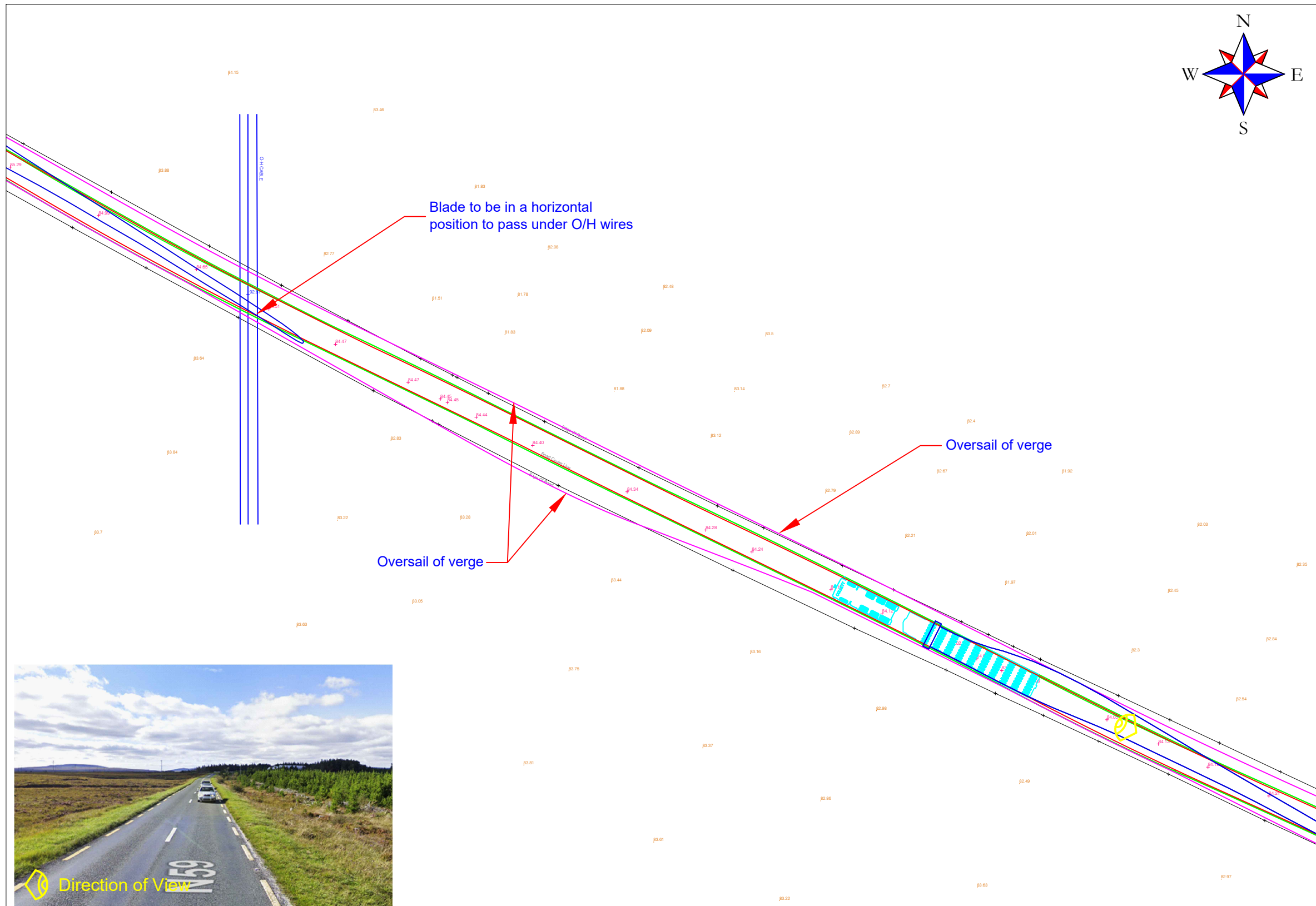
CUSTOMER BORD NA MONA
SITE OWENINNY WIND FARM
DWG. NO. 359222-194B0.1



Continue on N59.

****Caution****

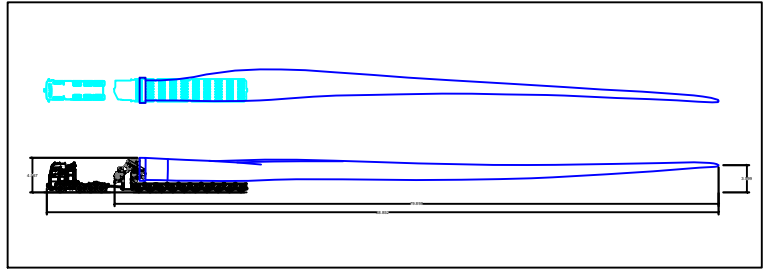
- The loaded component will oversail the verges on both sides of the road. This will not provide any third-party issues.
- Utilisation of the full extents of the road will be required at this location.
- With the blade lowered, the vehicle will pass below the overhead wires uninhibited.



Swept Path indicates trailer utilising AUTOMATIC steering

Generic 155 Blade
Blade Lift Adapter at 0°

CLIENT REF: WP1.43



- 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 will 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 will 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. 'Permits for movements' by the LA 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 metres.

IRISH Grid Reference: F 99363 19320

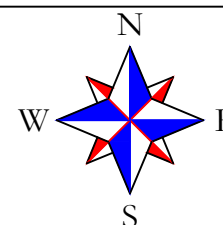
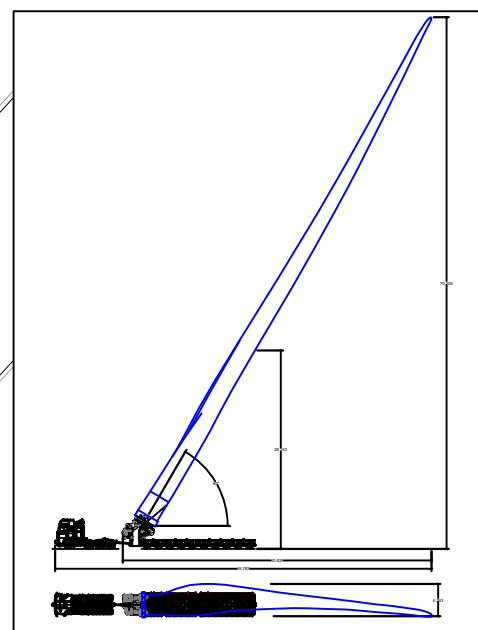
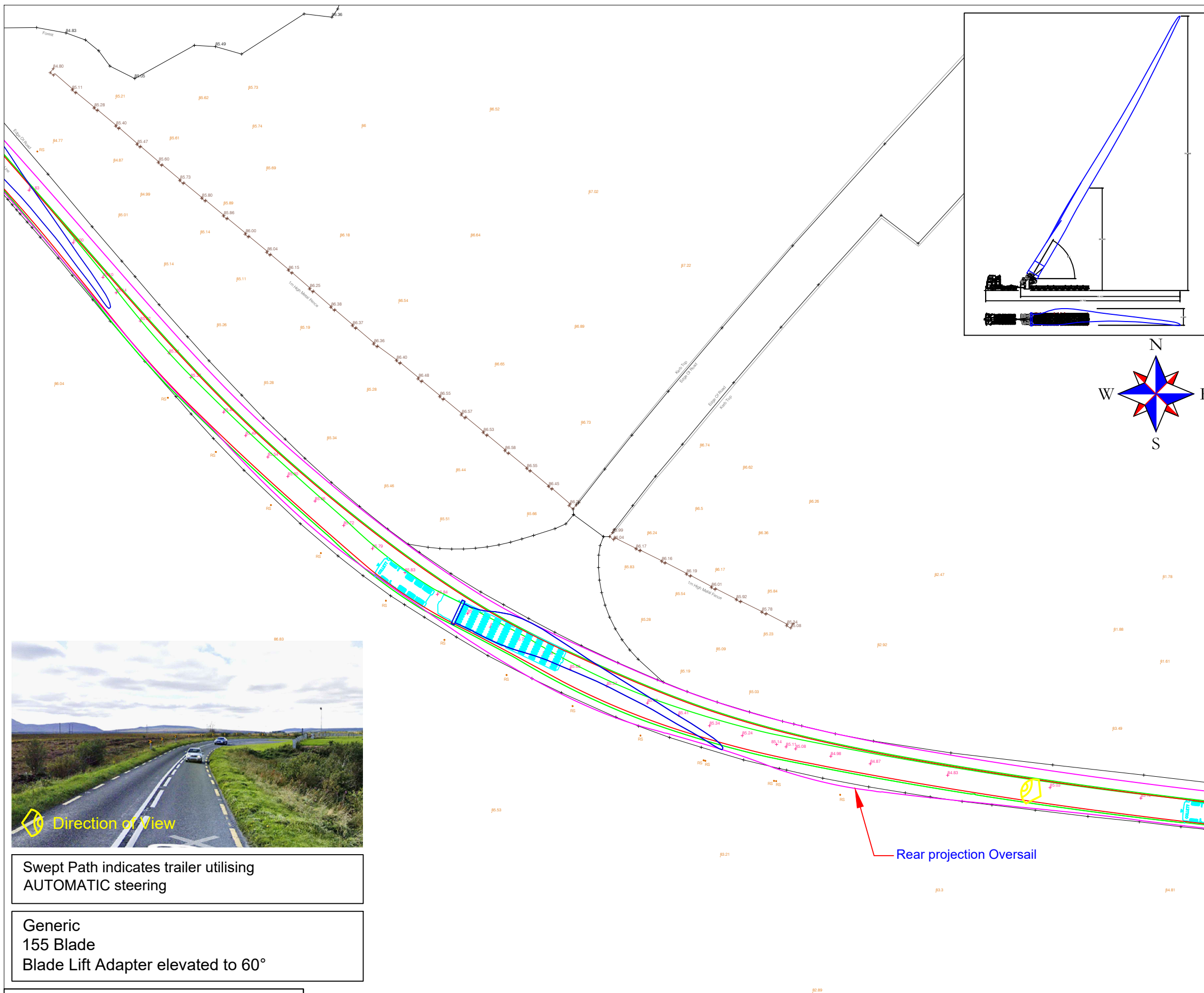
- Area within red outline will be swept by tractor and trailer axles
- ▨ Hatched area within red outline to be levelled and prepared to accept axle loadings
- Area within magenta outline will be oversailed by load and projections
- Area within green outline will be oversailed by trailer body



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DRAWN R. WEBSTER
DATE 08/07/21
SCALE 1:500 SIZE A3

TITLE OVERHEAD CABLES ON N59, OWENINNY
MAPPING PROVIDED BY CLIENT CUSTOMER BORD NA MONA
PINCH POINT IDENTIFIED BY CLIENT SITE OWENINNY WIND FARM DWG. NO. 359222-200B0.1



Continue on N59.

****Caution****

- The loaded component will oversail the verge on the nearside. This will not provide any third-party issues.
- Utilisation of the full extents of the road will be required at this location.
- Blade to be elevated to reduce oversail on the bend.

- 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 will 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 will 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. 'Permits for movements' by the LA 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 metres.



Swept Path indicates trailer utilising AUTOMATIC steering

Generic
155 Blade
Blade Lift Adapter elevated to 60°

IRISH Grid Reference: F 98881 19445

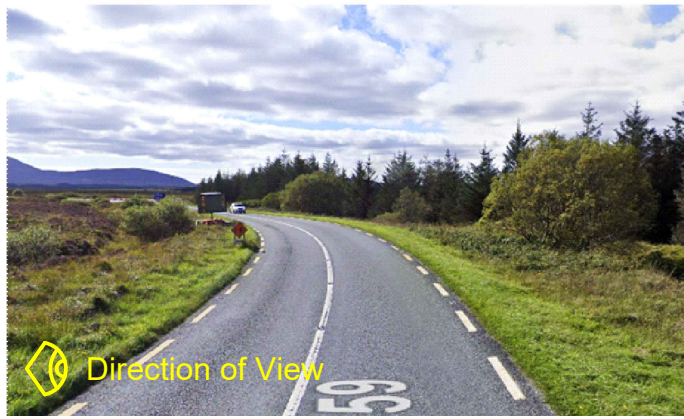
- Area within red outline will be swept by tractor and trailer axles
- ▨ Hatched area within red outline to be levelled and prepared to accept axle loadings
- Area within magenta outline will be oversailed by load and projections
- Area within green outline will be oversailed by trailer body

CLIENT REF: WP1.43



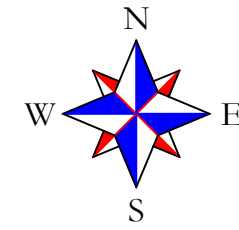
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Halifax, HX2 0DF WEB: www.collett.co.uk

DRAWN	R. WEBSTER	TITLE	RIGHT BEND ON N59, OWENINNY		
DATE	09/07/21	MAPPING	PROVIDED BY CLIENT	CUSTOMER	BORD NA MONA
SCALE	1:500	SIZE	A3	PINCH POINT IDENTIFIED BY	CLIENT
			SITE	OWENINNY WIND FARM	DWG. NO. 359222-201B0.1



Swept Path indicates trailer utilising AUTOMATIC steering

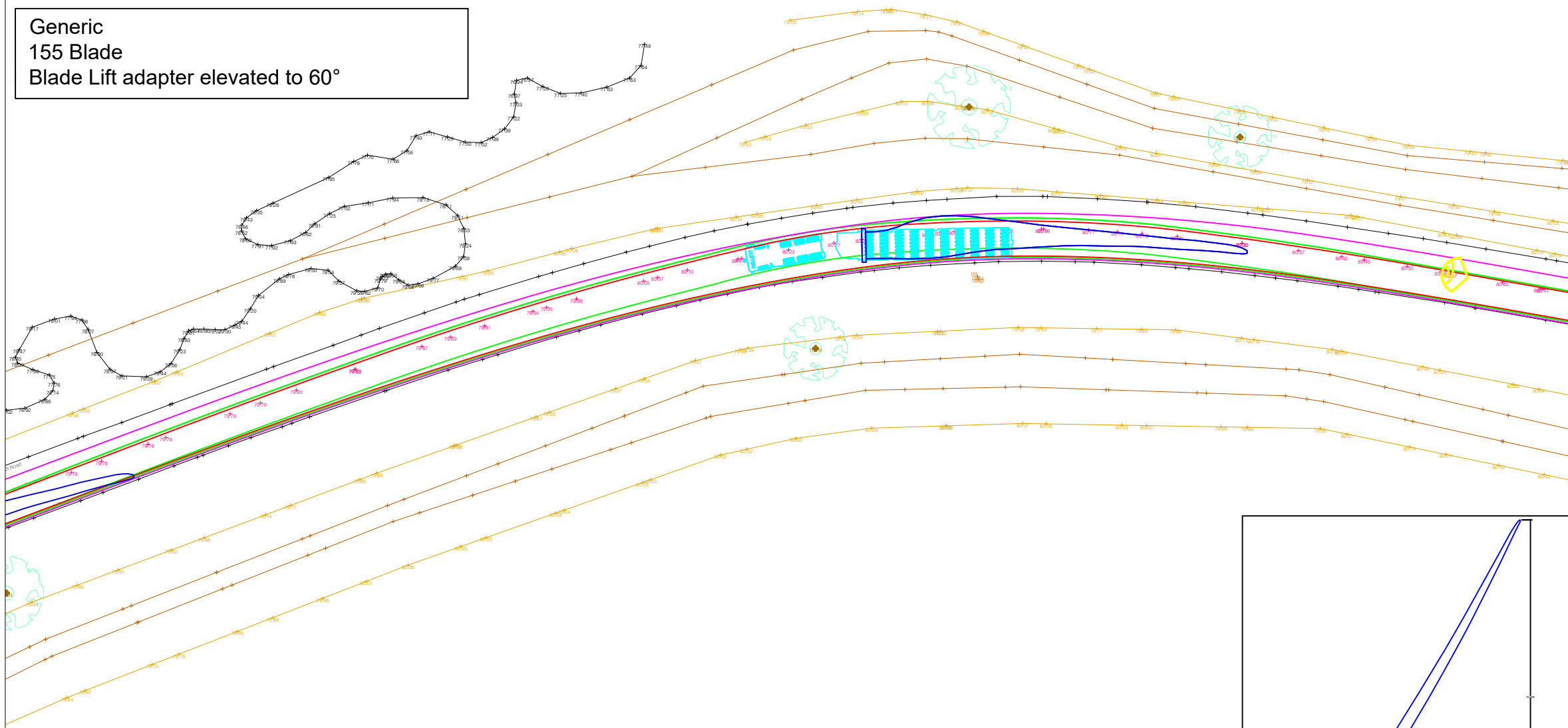
Generic 155 Blade Blade Lift adapter elevated to 60°



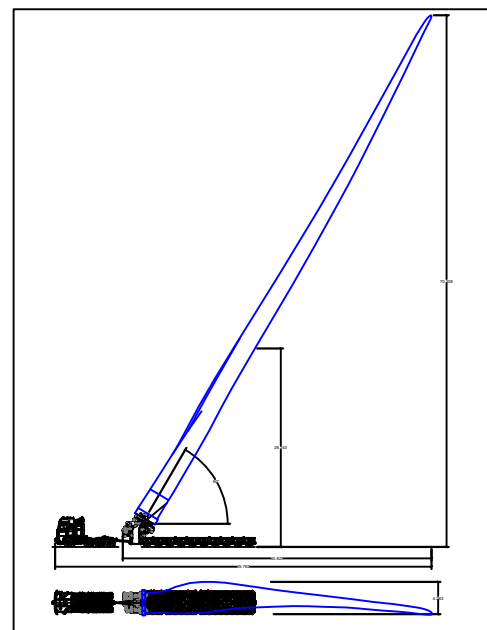
Continue on N59.

****Caution****

- Manual steering & utilisation of the full extents of the road will be required at this location.



- 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.
- Police escorts and permits will be required for the movement of all of the components. 'Permits for movements' by the LA 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 metres.



IRISH Grid Reference: F 97986 19850

- 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

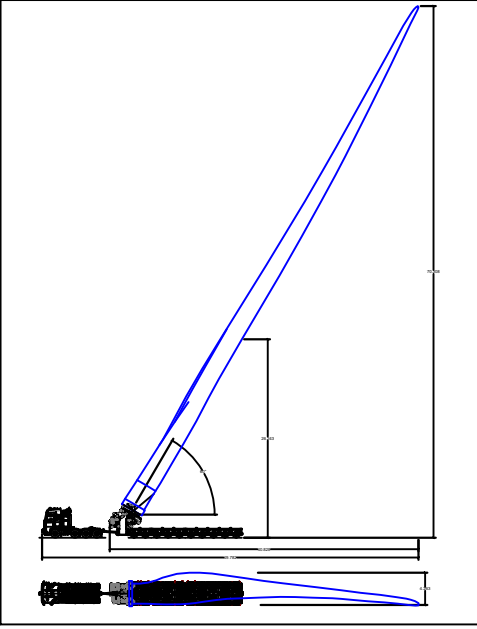
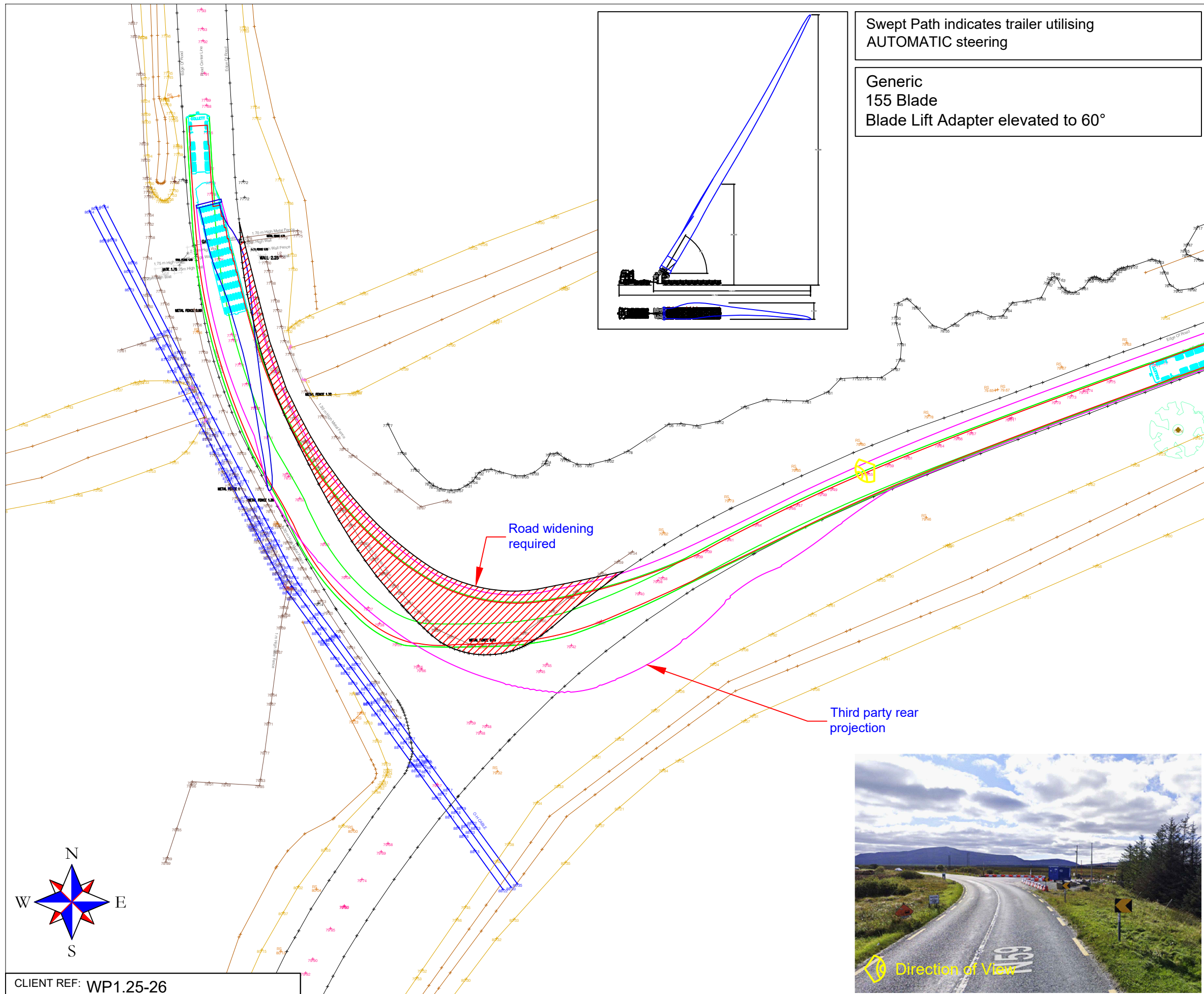
CLIENT REF: WP1.25-26



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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

DRAWN R. WEBSTER
 DATE 16/08/21
 SCALE 1:500 SIZE A3

TITLE LEFT BEND ON N59, OWENINNY WIND FARM
 MAPPING PROVIDED BY CLIENT CUSTOMER BORD NA MONA
 PINCH POINT IDENTIFIED BY CLIENT SITE OWENINNY WIND FARM DWG. NO. 359222-210B0.1



Swept Path indicates trailer utilising
AUTOMATIC steering

Generic
155 Blade
Blade Lift Adapter elevated to 60°

Continue on N59.

****Caution****

- Road widening is required on the offside of the junction to enable the loaded component to negotiate the right turn.
- Third party land will be required on the nearside of the N59 to allow the rear projection to oversail.
- Utilisation of the full extents of the road will be required at this location.

- 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.
- Police escorts and permits will be required for the movement of all of the components. 'Permits for movements' by the LA 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 metres.



IRISH Grid Reference: F 97825 19781

- 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

CLIENT REF: WP1.25-26

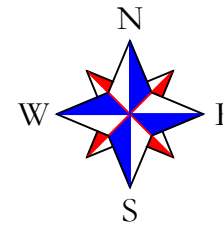
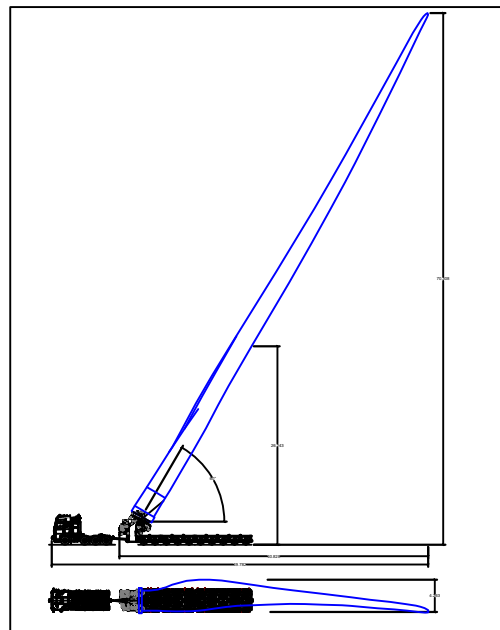
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 Albert Road FAX: +44(0)8456 255244
 Halifax, HX2 0DF WEB: www.collett.co.uk

DRAWN	R. WEBSTER	TITLE	LEFT BEND ON N59, OWENINNY WIND FARM		
DATE	16/08/21	MAPPING	PROVIDED BY CLIENT	CUSTOMER	BORD NA MONA
SCALE	1:500	SIZE	A3	PINCH POINT IDENTIFIED BY	CLIENT
				SITE	OWENINNY WIND FARM
				DWG. NO.	359222-211B0.1



Swept Path indicates trailer utilising AUTOMATIC steering

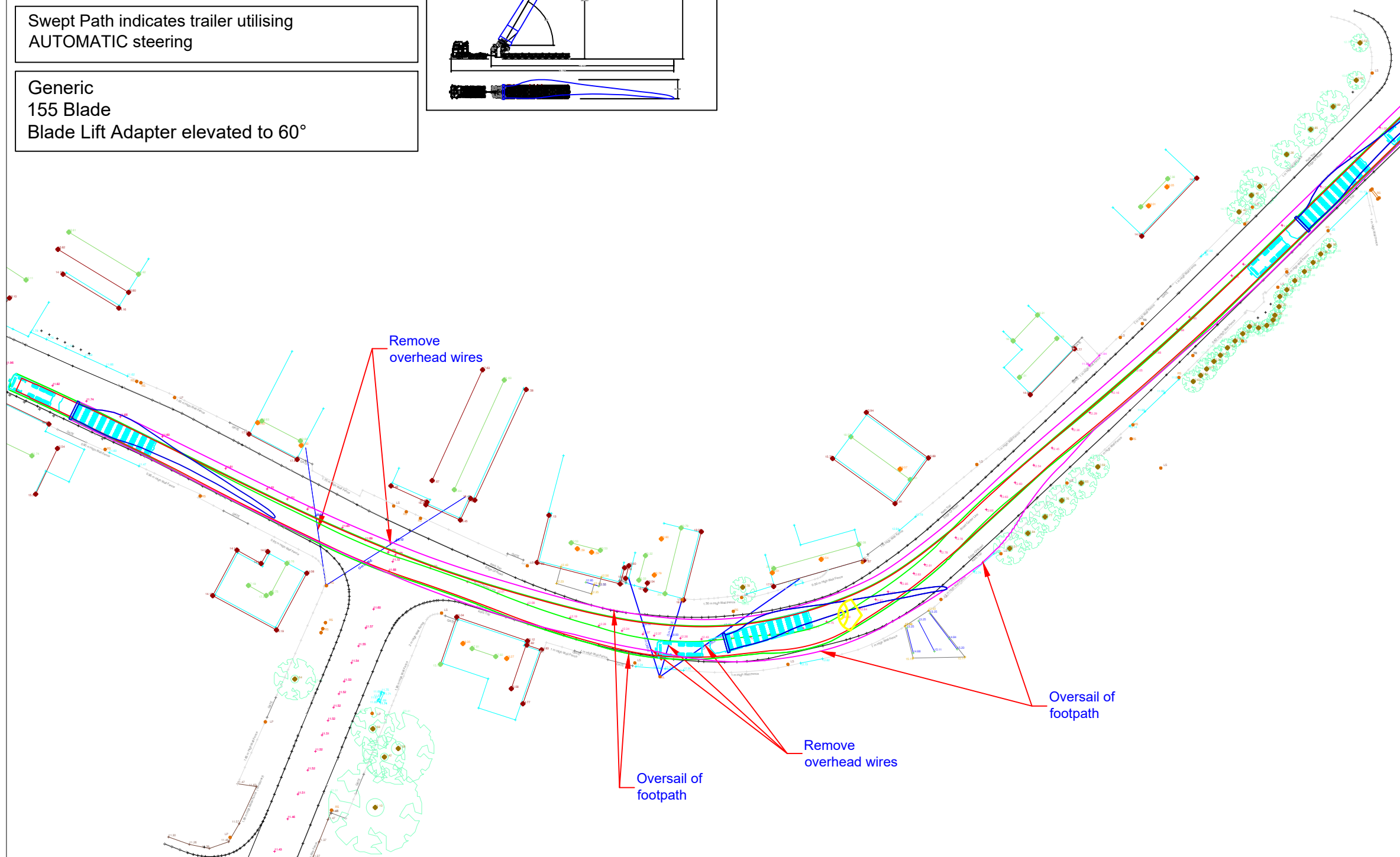
Generic
155 Blade
Blade Lift Adapter elevated to 60°



Continue to right bend on N26.

****Caution****

- The loaded component will oversail the footpath on both sides of the road. This will not provide any third-party issues.
- Blade to be elevated to reduce oversail on the bend.
- Overhead wires to be removed where indicated.
- Utilisation of the full extents of the road will be required at this location.



- 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 will 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 will 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 metres.

IRISH Grid Reference: G 27102 04030

- 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

CLIENT REF: WP1.14

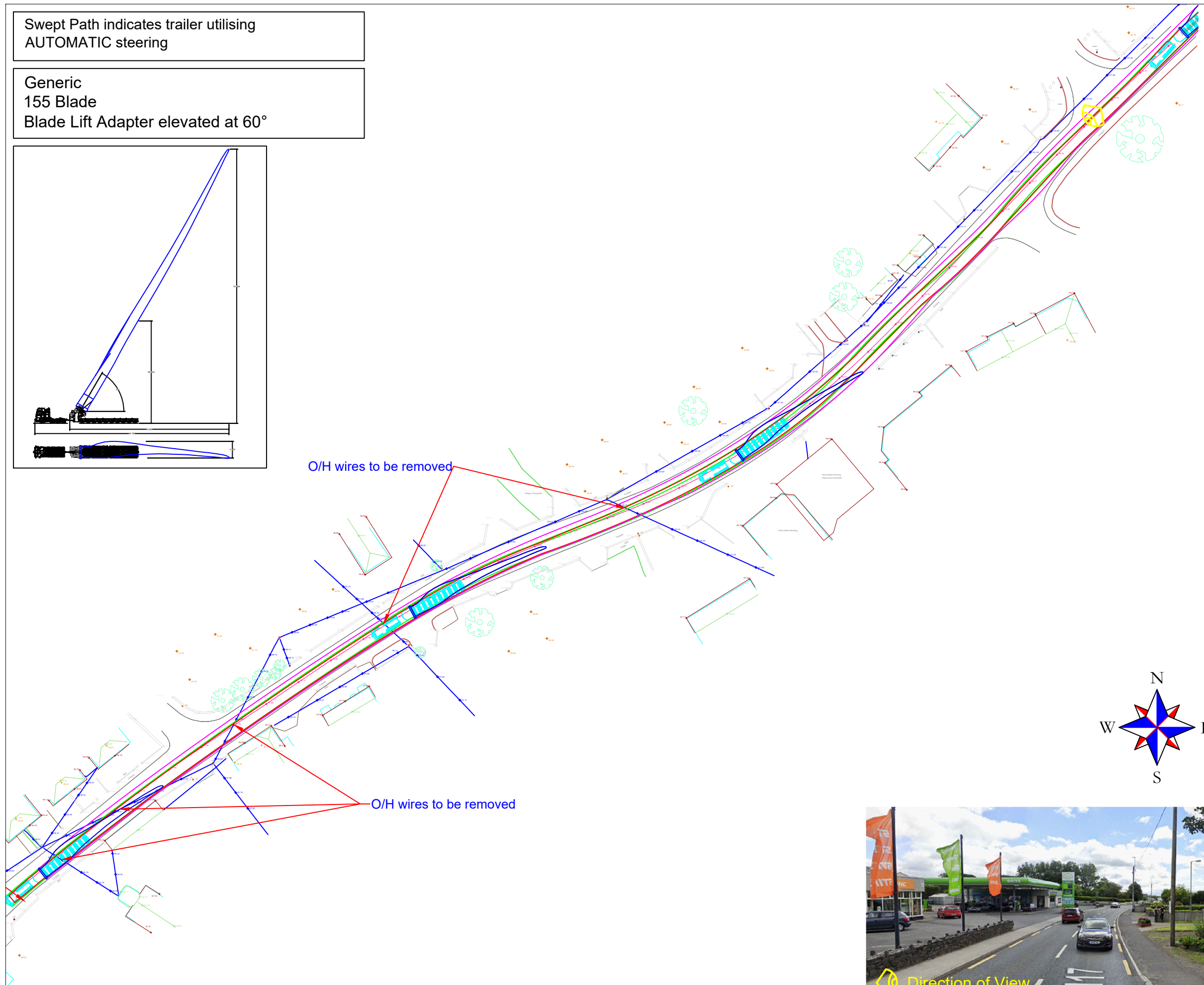
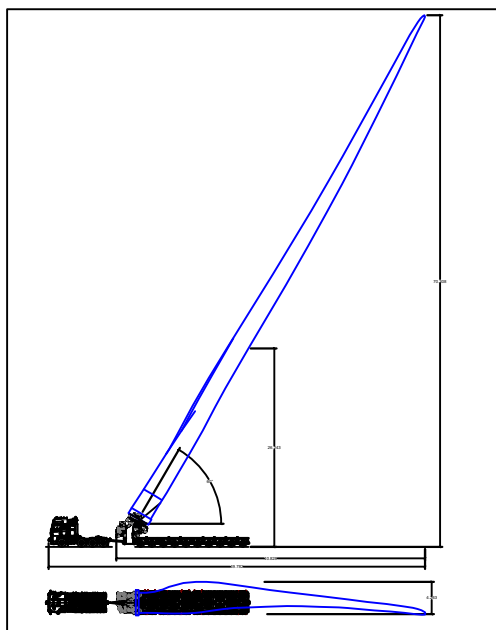


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DRAWN	R. WEBSTER	TITLE	RIGHT BEND ON N26, FOXFORD		
DATE	09/07/21	MAPPING	PROVIDED BY CLIENT	CUSTOMER	BORD NA MONA
SCALE	1:750	SIZE	A3	PINCH POINT IDENTIFIED BY	CLIENT
				SITE	OWENINNY WIND FARM
				DWG. NO.	359222-300B0.1

Swept Path indicates trailer utilising
AUTOMATIC steering

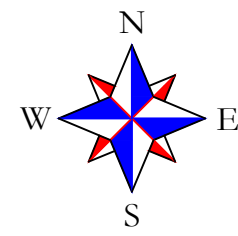
Generic
155 Blade
Blade Lift Adapter elevated at 60°



Continue on N17 through Tobercurry.

- **Caution****
- Utilisation of the full extents of the road will be required to navigate the loaded component at this location.
 - Overhead wires crossing the N17 are to be removed to allow the elevated blade unobstructed passage through the airspace.

- 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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- 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 metres.



IRISH Grid Reference: G 52473 12142

- 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

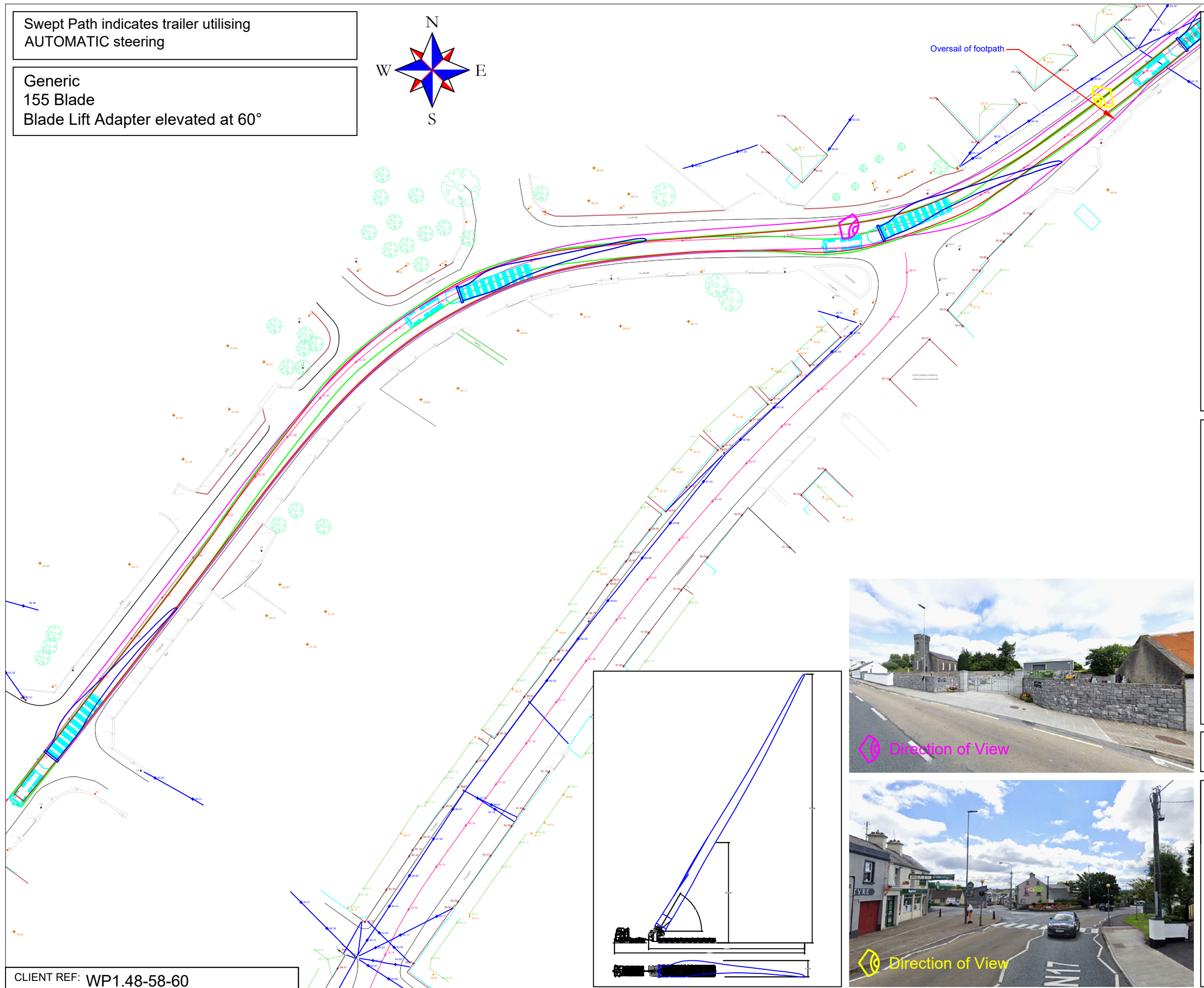
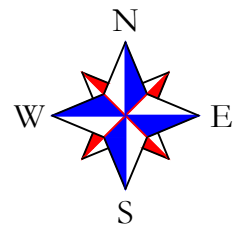


CLIENT REF: WP1.48-58-60

COLLETT & SONS LIMITED		DRAWN	R. WEBSTER	TITLE		N17, EAST TOBERCURRY	
Victoria Terminal TEL: +44(0)8456 255288		DATE	18/08/21	MAPPING	PROVIDED BY CLIENT	CUSTOMER	
Albert Road FAX: +44(0)8456 255244		SCALE	1:1000	SIZE	A3	PINCH POINT IDENTIFIED BY	CLIENT
Halifax, HX2 0DF WEB: www.collett.co.uk				SITE	OWENINNY WIND FARM	DWG. NO.	359222-410B0.1
						BORD NA MONA	

Swept Path indicates trailer utilising AUTOMATIC steering

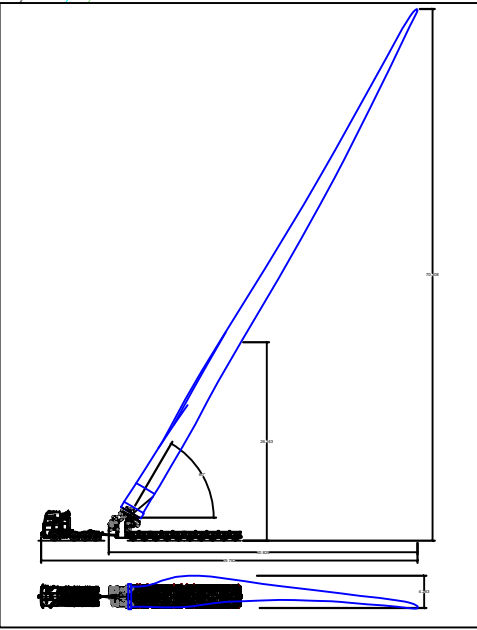
Generic 155 Blade
Blade Lift Adapter elevated at 60°



Continue on N17 through Tobercurry.

- **Caution****
- Utilisation of the full extents of the road will be required to navigate the loaded component at this location.
 - The loaded component will oversail the footpath on the nearside of the road. This will not provide any third-party issues at this location.

- 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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- All dimensions in metres.



IRISH Grid Reference: G 52386 12078

- 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

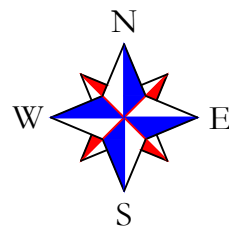
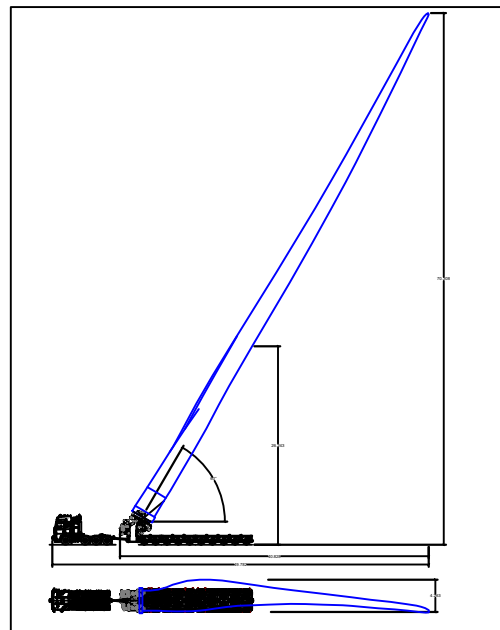
CLIENT REF: WP1.48-58-60



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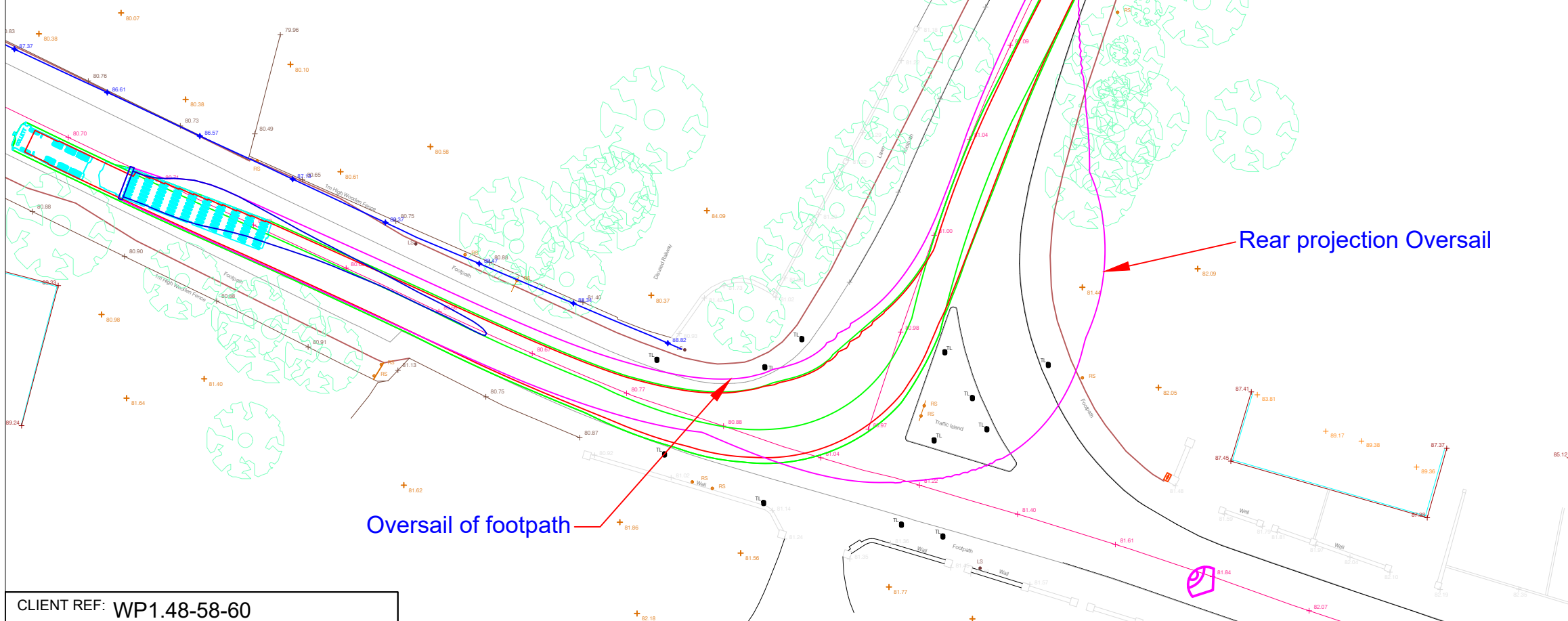
DRAWN R. WEBSTER
DATE 18/08/21
SCALE 1:750 SIZE A3

TITLE N17 AT THE JUNCTION WITH HUMBER STREET, TOBERCURRY
MAPPING PROVIDED BY CLIENT CUSTOMER BORD NA MONA
PINCH POINT IDENTIFIED BY CLIENT SITE OWENINNY WIND FARM DWG. NO. 359222-411B0.1



Swept Path indicates trailer utilising MANUAL steering

Generic 155 Blade
Blade Lift Adapter elevated at 60°



Continue on N17 To junction with Ballina Road (R294). Turn right at the junction.

****Caution****

- Manual steering & utilisation of the full extents of the road will be required to navigate the loaded component at this location.
- The rear projection will oversail what appears to be Public Open Space on the nearside of the road, approaching the junction.
- The loaded component will oversail the footpath on the offside of the junction. This will not provide any third-party issues at this location.

- 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.
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- All dimensions in metres.

IRISH Grid Reference: G 51861 11567

- 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

CLIENT REF: WP1.48-58-60



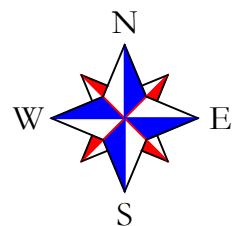
COLLETT & SONS LIMITED
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Albert Road FAX: +44(0)8456 255244
Halifax, HX2 0DF WEB: www.collett.co.uk

DRAWN R. WEBSTER
DATE 18/08/21
SCALE 1:750 SIZE A3

TITLE N17 AT THE JUNCTION WITH HUMBER STREET, TOBERCURRENCY
MAPPING PROVIDED BY CLIENT CUSTOMER BORD NA MONA
PINCH POINT IDENTIFIED BY CLIENT SITE OWENINNY WIND FARM DWG. NO. 359222-412B1.1

Swept Path indicates trailer utilising
AUTOMATIC steering

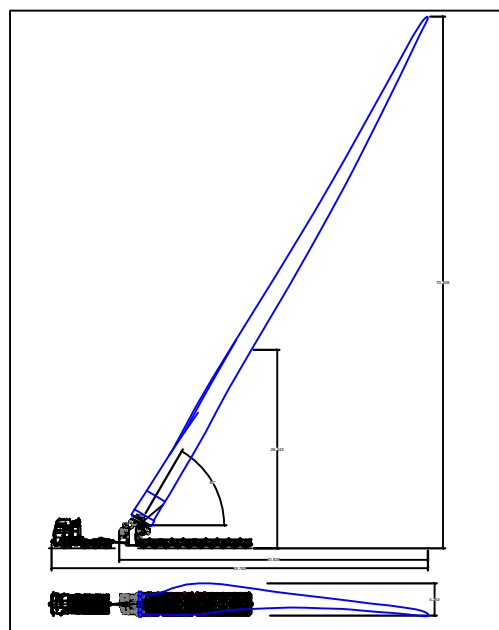
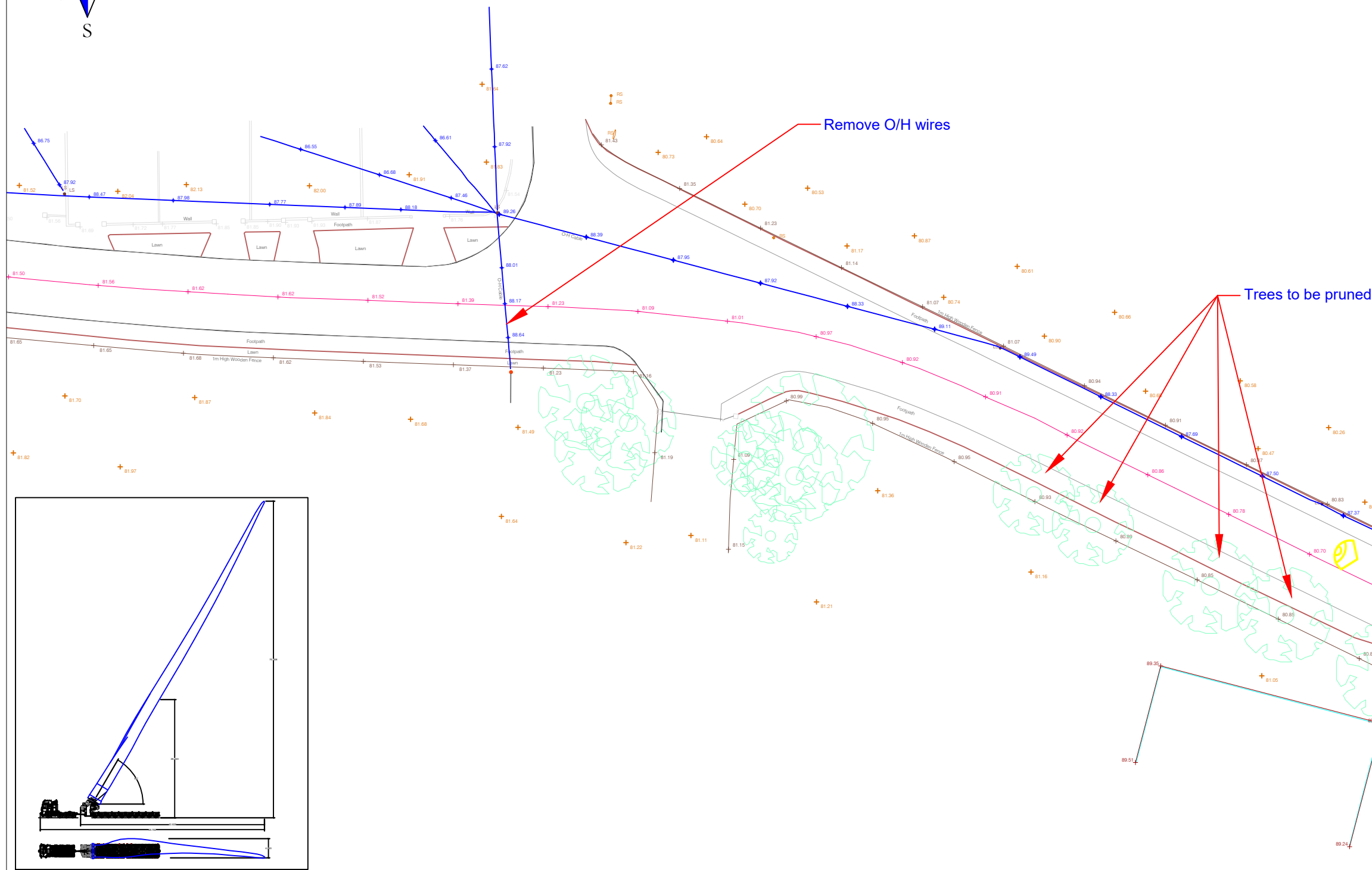
Generic
155 Blade
Blade Lift Adapter elevated at 60°



Continue on R294

****Caution****

- Overhead wires crossing the R294 are to be removed to allow the elevated blade unobstructed passage through the airspace.
- Trees on the nearside of the road are to be pruned.
- Utilisation of the full extents of the road will be required to navigate the loaded component at this location.



- 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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IRISH Grid Reference: G 51724 11625

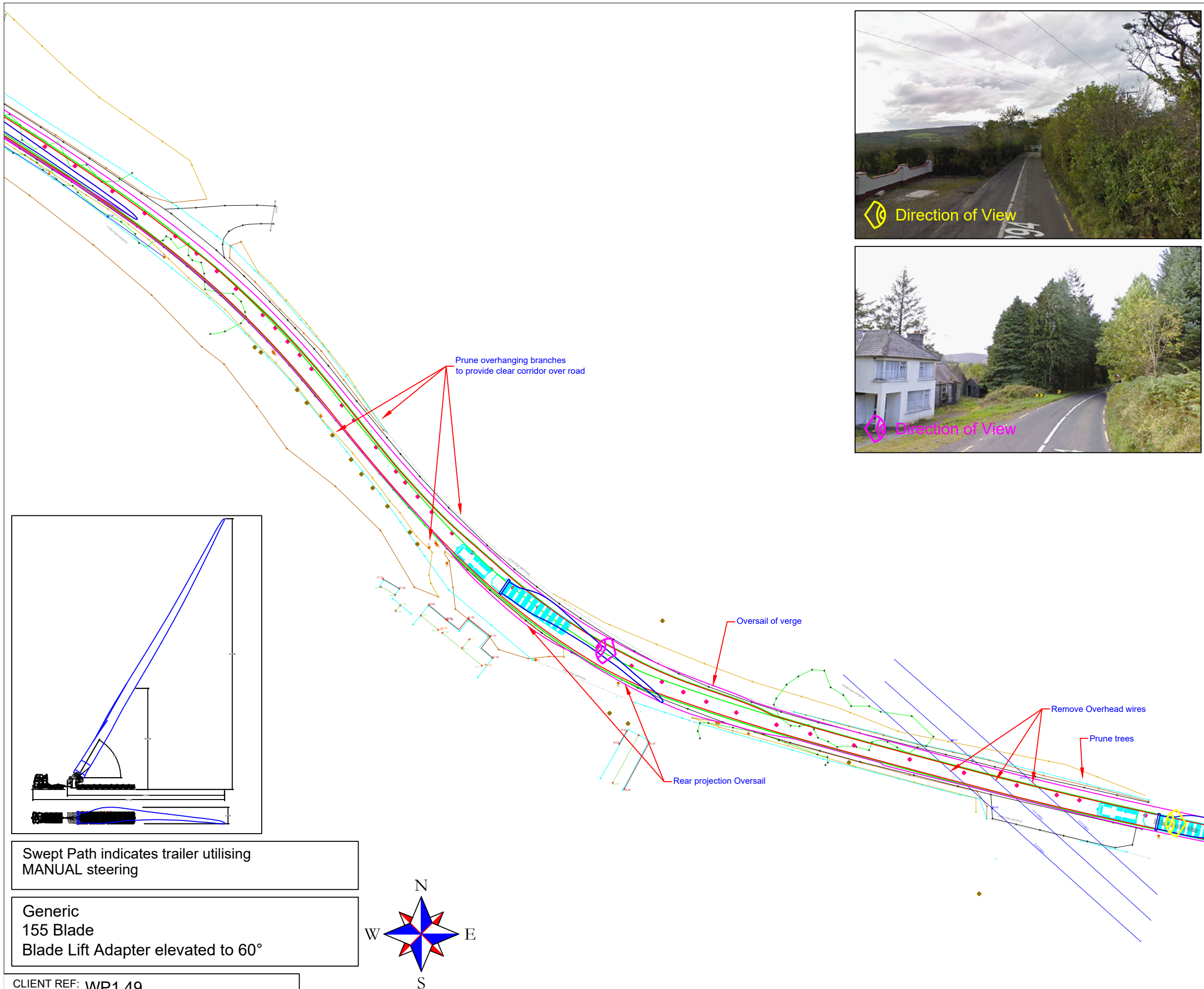
- Area within red outline will be swept by tractor and trailer axles
- ▨ Hatched area within red outline to be levelled and prepared to accept axle loadings
- Area within magenta outline will be oversailed by load and projections
- Area within green outline will be oversailed by trailer body

CLIENT REF: WP1.48-58-60



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

DRAWN	R. WEBSTER	TITLE	LEFT BEND ON R294, TOBERCURRY		
DATE	18/08/21	MAPPING	PROVIDED BY CLIENT	CUSTOMER	BORD NA MONA
SCALE	1:500	SIZE	A3	PINCH POINT IDENTIFIED BY	CLIENT
			SITE	OWENINNY WIND FARM	DWG. NO. 359222-413B0.1



Continue along the R294.

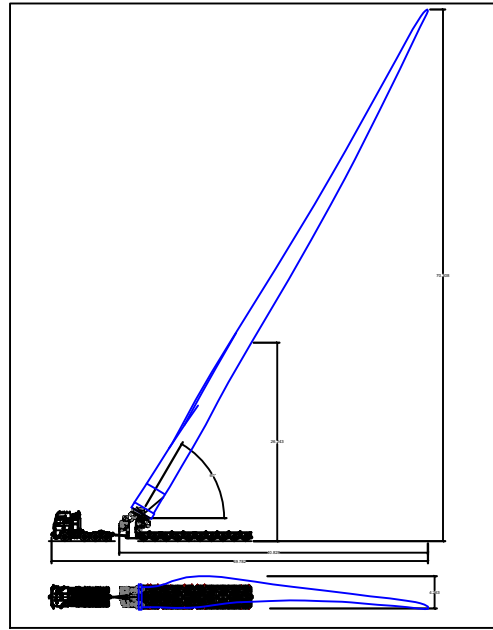
****Caution****

- The rear projection of the blade will oversail on the nearside of the bend whilst navigating the right bend.
- The loaded component will oversail on the offside of the bend.
- Neither oversail will cause third party issues.
- The overhead wires are to be removed to allow the elevated blade to pass unobstructed through the airspace.
- Trees on both sides of the road are to be pruned, removing any overhanging branches to provide a clear corridor above the road.
- Manual steering & utilisation of the full extents of the road will be required to navigate at this location.

- 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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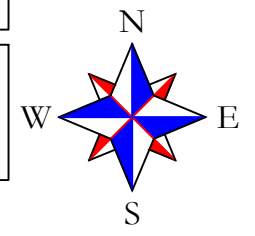
IRISH Grid Reference: G 42283 13443

- 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

Generic 155 Blade
Blade Lift Adapter elevated to 60°

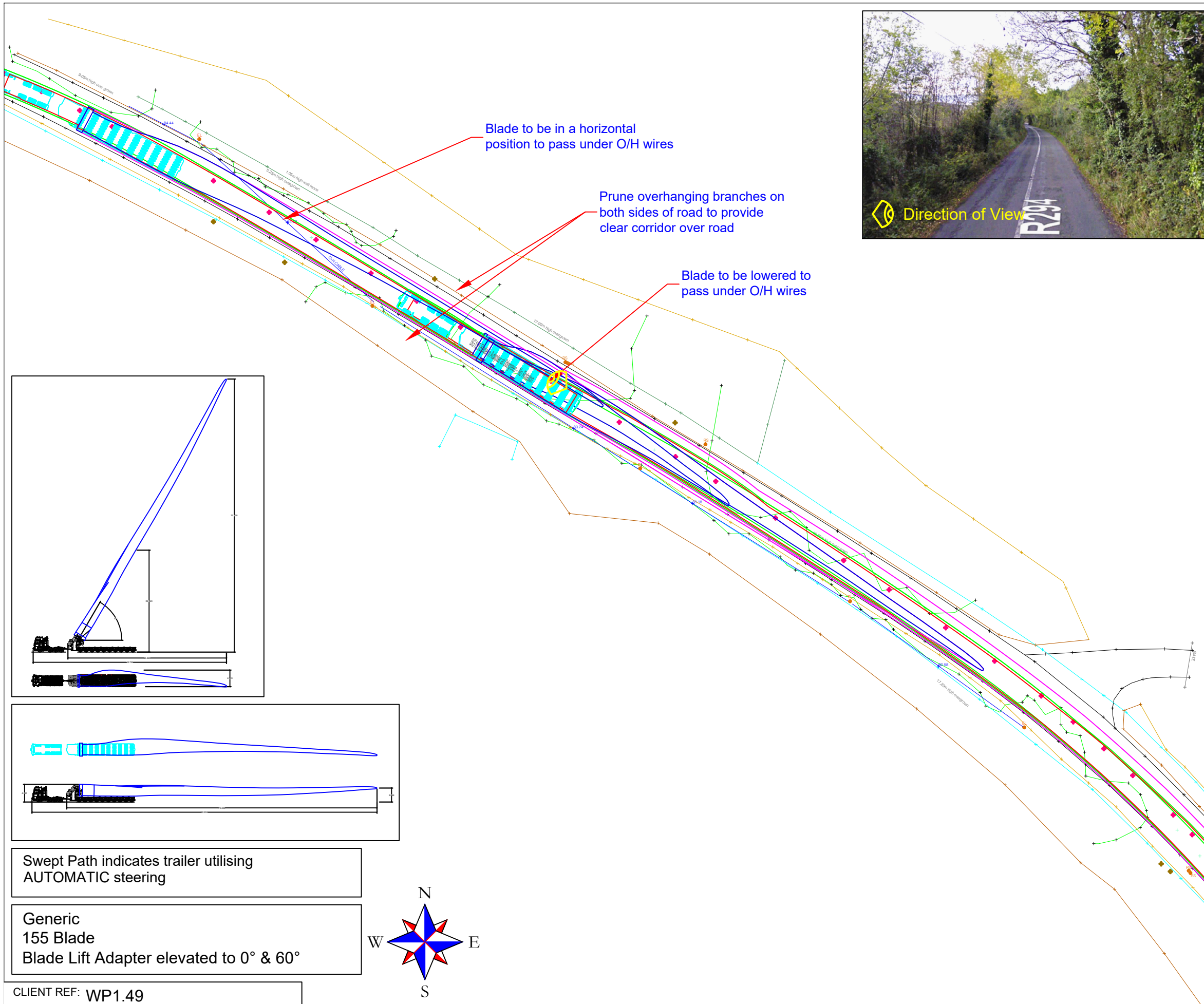


CLIENT REF: WP1.49



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

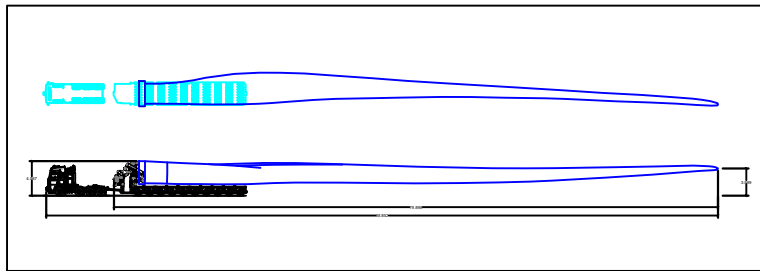
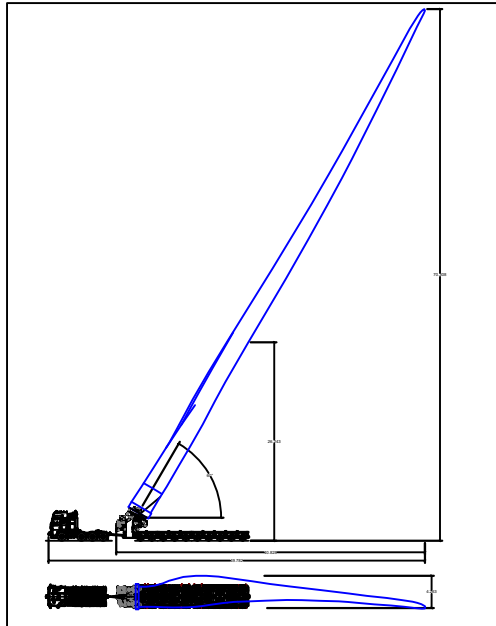
DRAWN	R. WEBSTER	TITLE	OVERHEAD CABLES & RIGHT BEND ON R294		
DATE	06/09/21	MAPPING	PROVIDED BY CLIENT	CUSTOMER	BORD NA MONA
SCALE	1:750	SIZE	A3	PINCH POINT IDENTIFIED BY	CLIENT
		SITE	OWENINNY WIND FARM	DWG. NO.	359222-600B1.1



Continue along the R294.

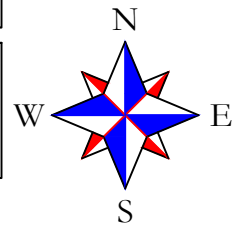
****Caution****

- The blade in a lowered position will pass underneath the overhead wires.
- Trees on both sides of the road are to be pruned, removing any overhanging branches to provide a clear corridor above the road.
- Utilisation of the full extents of the road will be required to navigate at this location.



Swept Path indicates trailer utilising AUTOMATIC steering

Generic 155 Blade
Blade Lift Adapter elevated to 0° & 60°



- 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.
- Police escorts and permits will be required for the movement of all of the components. 'Permits for movements' by the LA 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 metres.

IRISH Grid Reference: G 42225 13507

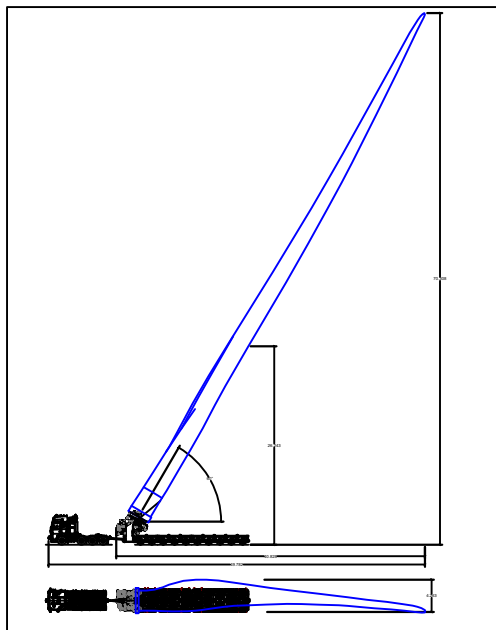
- Area within red outline will be swept by tractor and trailer axles
- ▨ Hatched area within red outline to be levelled and prepared to accept axle loadings
- Area within magenta outline will be oversailed by load and projections
- Area within green outline will be oversailed by trailer body

CLIENT REF: WP1.49



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

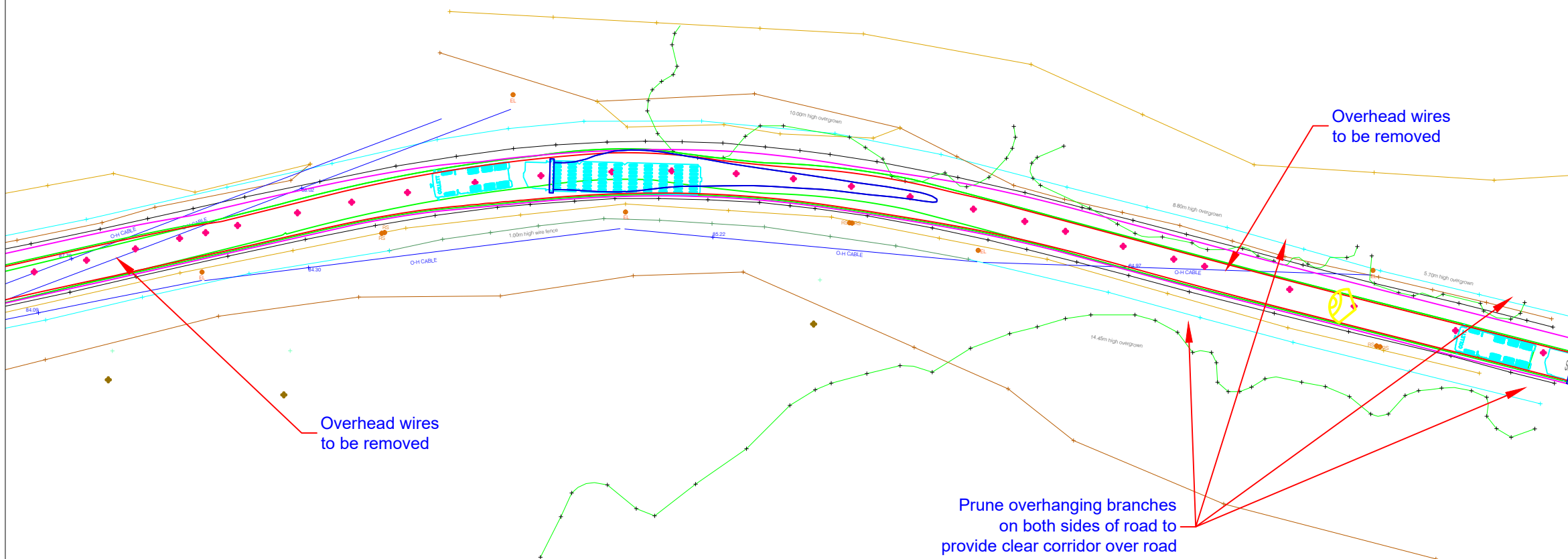
DRAWN	R. WEBSTER	TITLE	OVERHEAD CABLES & LEFT BEND ON R294		
DATE	06/09/21	MAPPING	PROVIDED BY CLIENT	CUSTOMER	BORD NA MONA
SCALE	1:500	SIZE	A3	PINCH POINT IDENTIFIED BY	CLIENT
			SITE	OWENINNY WIND FARM	DWG. NO. 359222-602B0.1



Continue along the R294.

****Caution****

- Overhead wires crossing the road are to be removed to allow elevated blade unobstructed passage through the airspace.
- Trees on both sides of the road are to be pruned, removing any overhanging branches to provide a clear corridor above the road.
- Manual steering & utilisation of the full extents of the road will be required to navigate at this location.

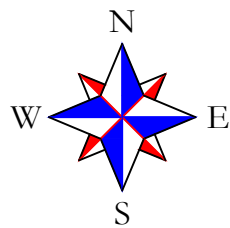


- The swept path analysis provided is produced from a purely transport orientated view, and does not consider any political issues in terms of land ownership, or any other precincts raised, that may otherwise be restrictive.
- All swept path diagrams and assessments are made and calculated for the road 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.
- Police escorts and permits will be required for the movement of all of the components. 'Permits for movements' by the LA 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 metres.

IRISH Grid Reference: G 41737 13725

Swept Path indicates trailer utilising MANUAL steering

Generic
155 Blade
Blade Lift Adapter elevated to 60°



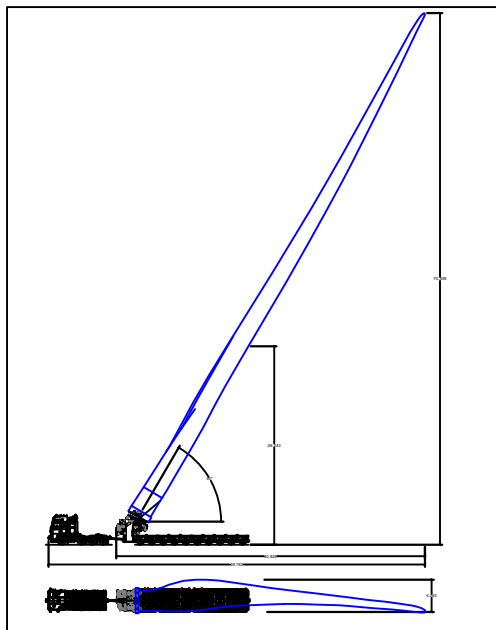
- Area within red outline will be swept by tractor and trailer axles
- ▨ Hatched area within red outline to be levelled and prepared to accept axle loadings
- Area within magenta outline will be oversailed by load and projections
- Area within green outline will be oversailed by trailer body

CLIENT REF: WP1.50



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

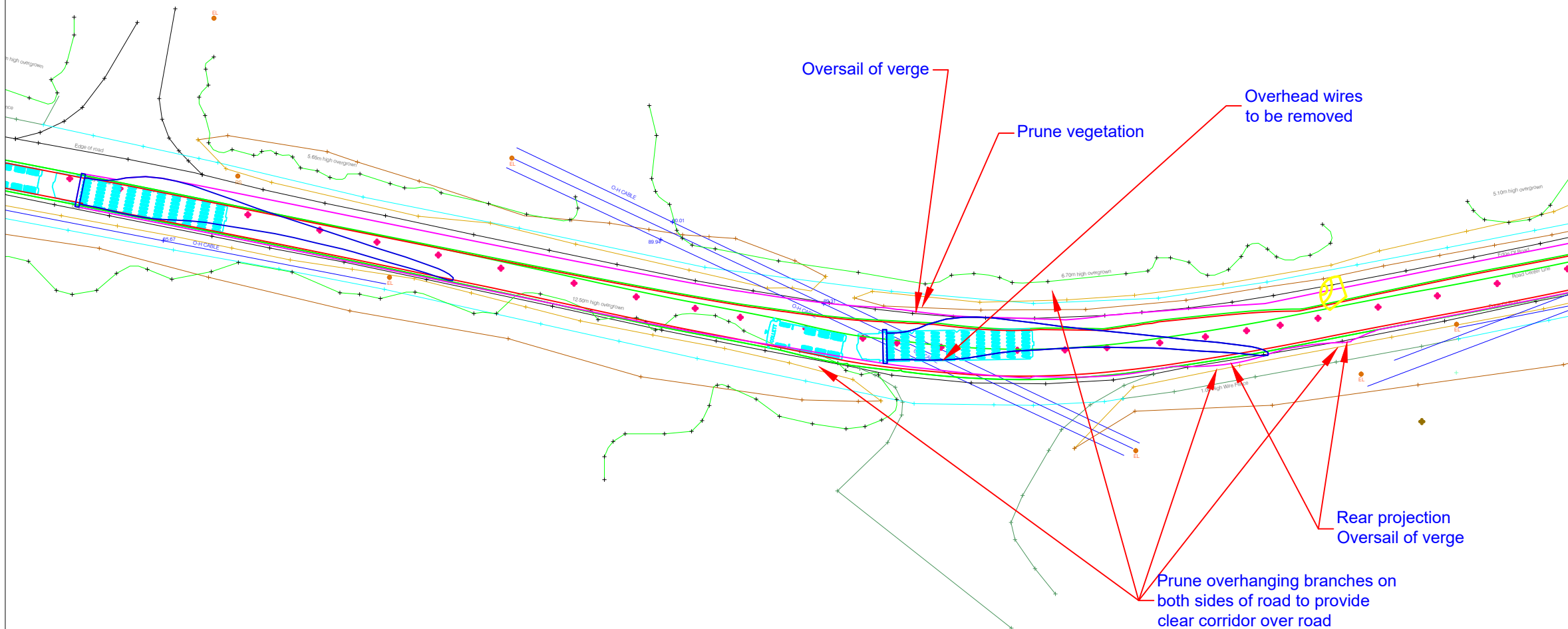
DRAWN	R. WEBSTER	TITLE	OVERHEAD CABLES ON LEFT BEND ON R294, GORTERSLIN		
DATE	07/09/21	MAPPING	PROVIDED BY CLIENT	CUSTOMER	BORD NA MONA
SCALE	1:500	SIZE	A3	PINCH POINT IDENTIFIED BY	CLIENT
			SITE	OWENINNY WIND FARM	DWG. NO. 359222-610B1.1



Continue along the R294.

****Caution****

- The loaded component will oversail the verge on the offside and the rear projection will oversail the verge on the nearside of the R294. Neither will not provide any third-party issues. The vegetation will require pruning in these areas.
- Overhead wires crossing the road are to be removed to allow elevated blade unobstructed passage through the airspace.
- Trees on both sides of the road are to be pruned, removing any overhanging branches to provide a clear corridor above the road.
- Manual steering & utilisation of the full extents of the road will be required to navigate at this location.

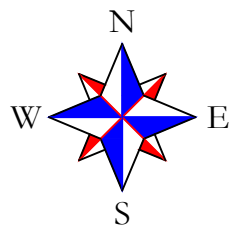


- The swept path analysis provided is produced from a purely transport orientated view, and does not consider any political issues in terms of land ownership, or any other precincts raised, that may otherwise be restrictive.
- All swept path diagrams and assessments are made and calculated for the road 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.
- Police escorts and permits will be required for the movement of all of the components. 'Permits for movements' by the LA 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 metres.

IRISH Grid Reference: G 41590 13705

Swept Path indicates trailer utilising MANUAL steering

Generic
155 Blade
Blade Lift Adapter elevated to 60°



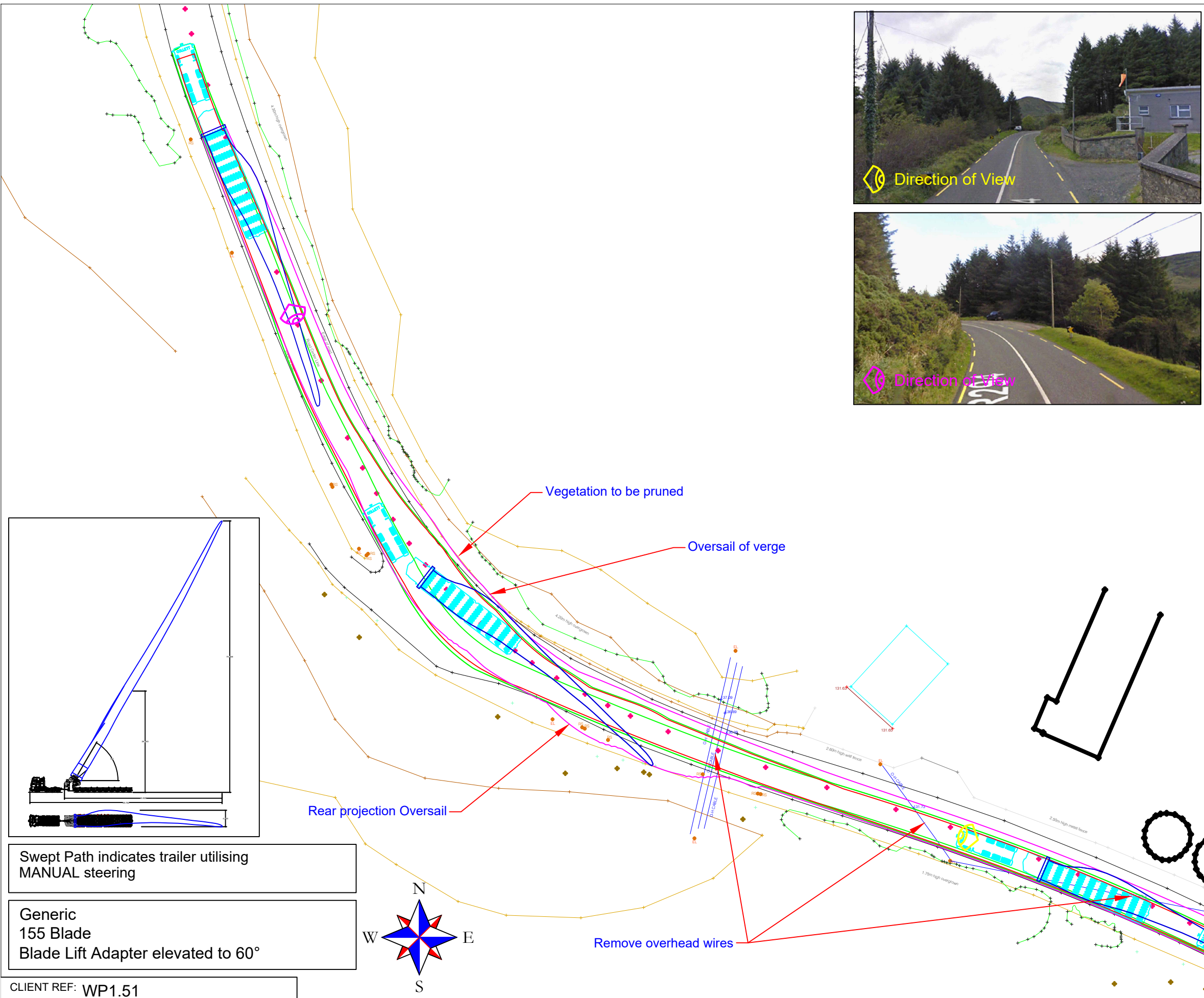
- Area within red outline will be swept by tractor and trailer axles
- ▨ Hatched area within red outline to be levelled and prepared to accept axle loadings
- Area within magenta outline will be oversailed by load and projections
- Area within green outline will be oversailed by trailer body

CLIENT REF: WP1.50



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

DRAWN	R. WEBSTER	TITLE	OVERHEAD CABLES ON RIGHT BEND ON R294, GORTERSLIN		
DATE	07/09/21	MAPPING	PROVIDED BY CLIENT	CUSTOMER	BORD NA MONA
SCALE	1:500	SIZE	A3	PINCH POINT IDENTIFIED BY	CLIENT
		SITE	OWENINNY WIND FARM	DWG. NO.	359222-612B1.1



Continue along the R294.

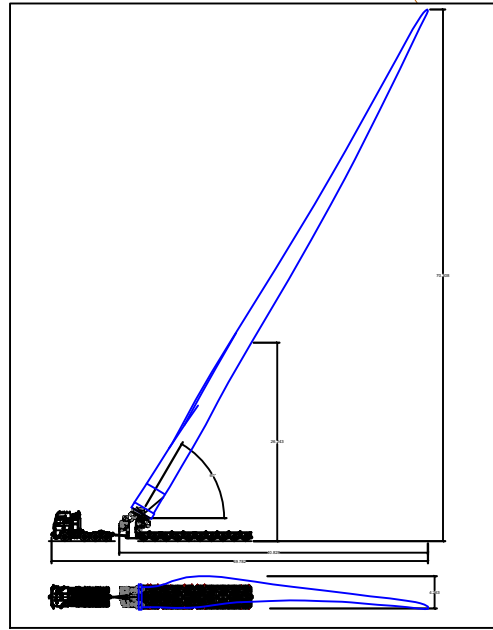
****Caution****

- The loaded component will oversail the verge on the offside and the rear projection will oversail the verge on the nearside of the R294. Neither will not provide any third-party issues.
- Overhead wires crossing the road are to be removed to allow elevated blade unobstructed passage through the airspace.
- Vegetation on the offside of the road is to be pruned to allow for oversail.
- Manual steering & utilisation of the full extents of the road will be required to navigate at this location.

- 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.
- Police escorts and permits will be required for the movement of all of the components. 'Permits for movements' by the LA 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 metres.

IRISH Grid Reference: G 40352 14275

- 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

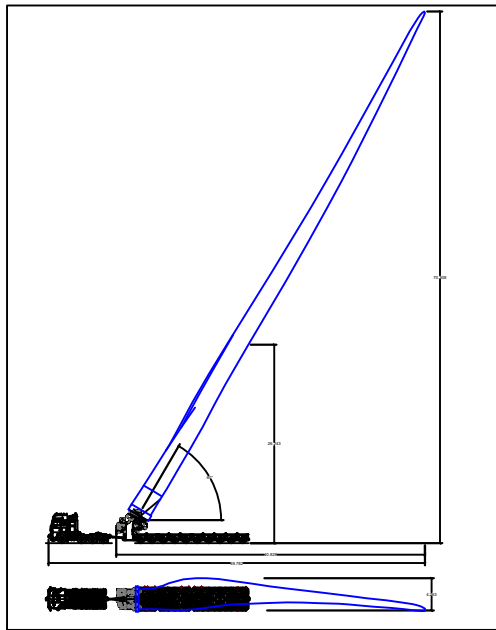
Generic
155 Blade
Blade Lift Adapter elevated to 60°

CLIENT REF: WP1.51



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

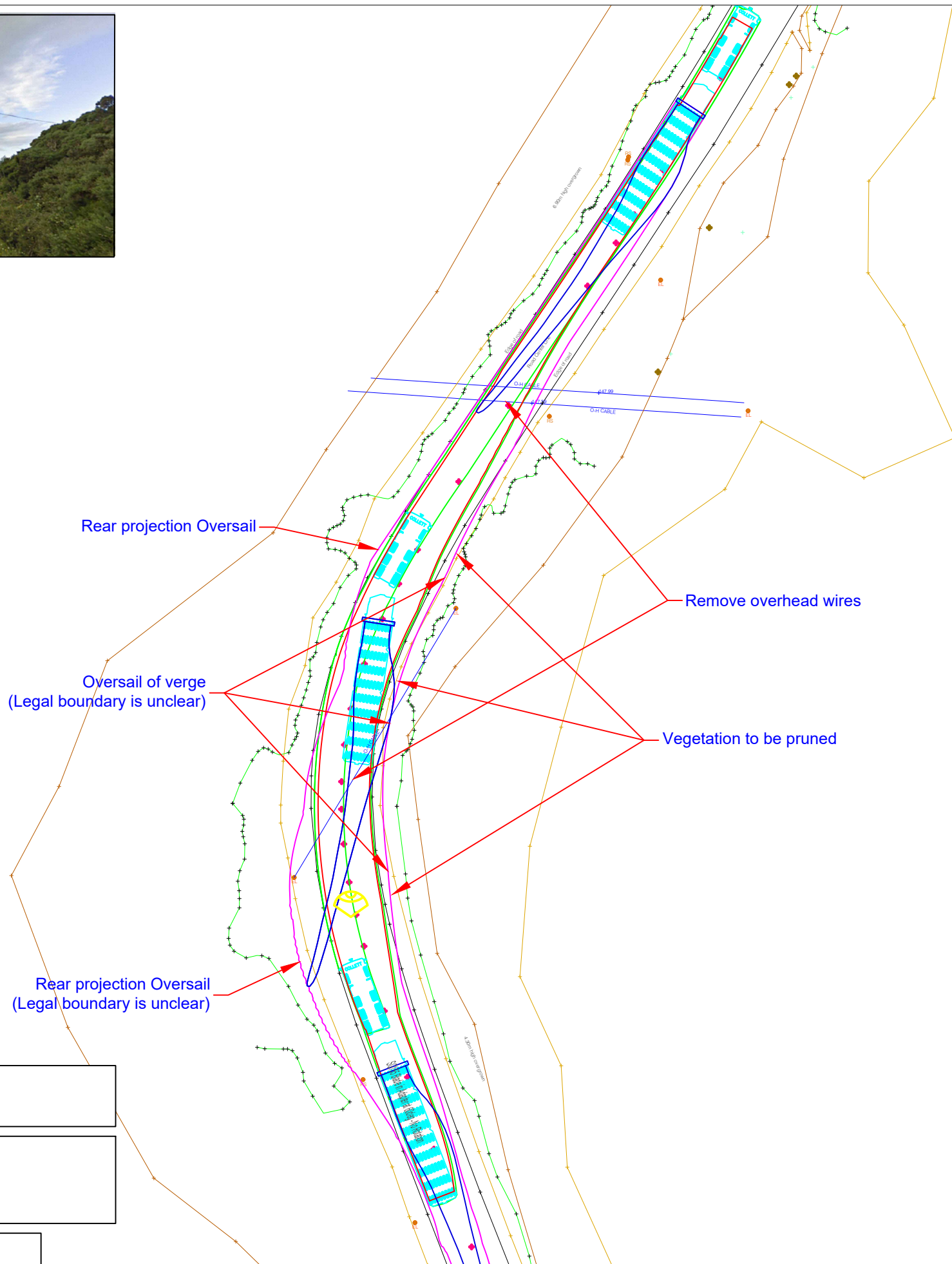
DRAWN	R. WEBSTER	TITLE	OVERHEAD CABLES AND RIGHT BEND ON R294, GLENAVOO		
DATE	07/09/21	MAPPING	PROVIDED BY CLIENT	CUSTOMER	BORD NA MONA
SCALE	1:500	SIZE	A3	PINCH POINT IDENTIFIED BY	CLIENT
			SITE	OWENINNY WIND FARM	DWG. NO. 359222-620B1.1



Swept Path indicates trailer utilising MANUAL steering

Generic 155 Blade
Blade Lift Adapter elevated to 60°

CLIENT REF: WP1.51



Continue along the R294.

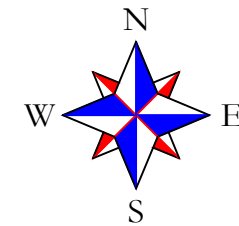
****Caution****

- The loaded component will oversail the verge on the offside and the rear projection will oversail the verge on the nearside of the R294. Legal boundary checks are required to ascertain whether the oversails cause third party issues.
- Overhead wires crossing the road are to be removed to allow elevated blade unobstructed passage through the airspace.
- Vegetation on the offside of the road is to be pruned to allow for oversail.
- Manual steering & utilisation of the full extents of the road will be required to navigate at this location.

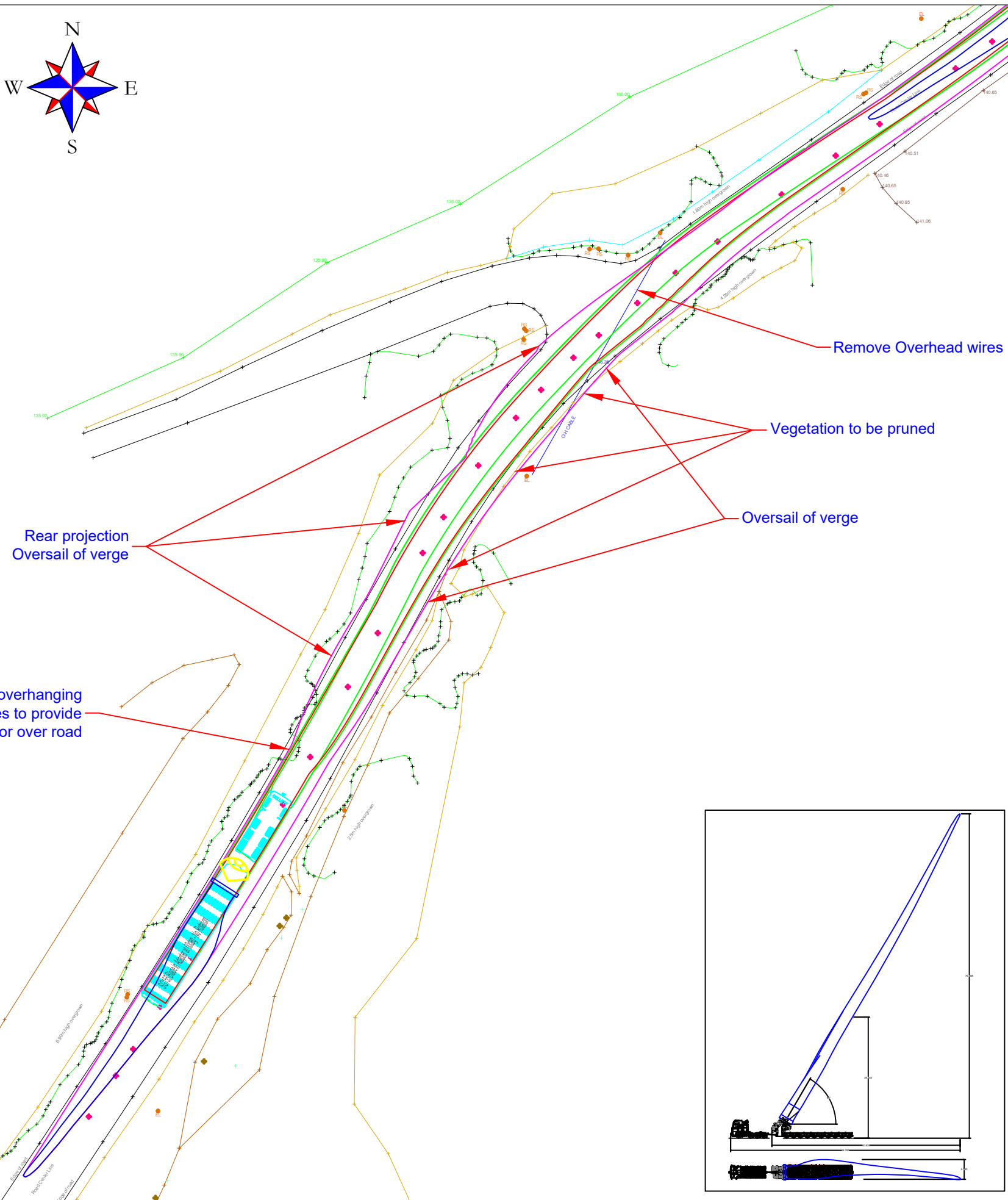
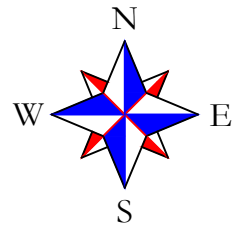
- The swept path analysis provided is produced from a purely transport orientated view, and does not consider any political issues in terms of land ownership, or any other precincts raised, that may otherwise be restrictive.
- All swept path diagrams and assessments are made and calculated for the road 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.
- Police escorts and permits will be required for the movement of all of the components. 'Permits for movements' by the LA 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 metres.

IRISH Grid Reference: G 40316 14373

- 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		DRAWN	R. WEBSTER	TITLE			2nd RIGHT BEND AND OVERHEAD CABLES ON R294, GLENAVOO	
Victoria Terminal TEL: +44(0)8456 255288		DATE	07/09/21	MAPPING	PROVIDED BY CLIENT	CUSTOMER		
Albert Road FAX: +44(0)8456 255244		SCALE	1:500	SIZE	A3	PINCH POINT IDENTIFIED BY	CLIENT	SITE
Halifax, HX2 0DF WEB: www.collett.co.uk						OWENINNY WIND FARM	DWG. NO.	359222-622B1.1
						BORD NA MONA		



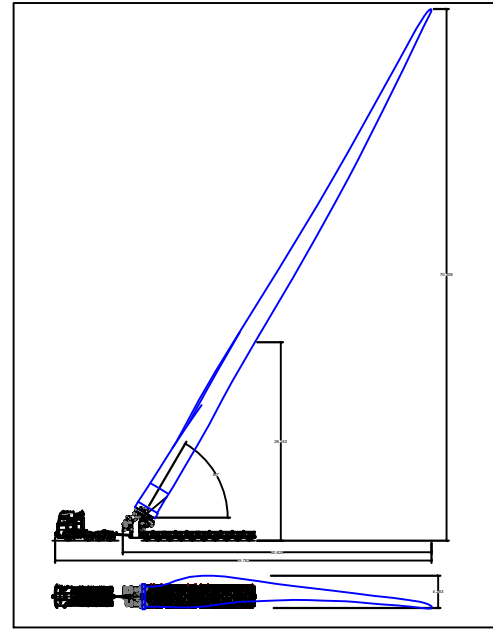
Continue along the R294.

****Caution****

- The loaded component will oversail the verge on the offside and the rear projection will oversail the verge on the nearside of the R294. Neither will cause third party issues.
- Overhead wires crossing the road are to be removed to allow elevated blade unobstructed passage through the airspace.
- A tree on the nearside of the road is to be pruned, removing any overhanging branches to provide a clear corridor above the road.
- Vegetation on the offside of the road is to be pruned to allow for oversail.
- Utilisation of the full extents of the road will be required to navigate at this location.

- 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.
- Police escorts and permits will be required for the movement of all of the components. 'Permits for movements' by the LA 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 metres.

IRISH Grid Reference: G 40405 14505



- 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 AUTOMATIC steering

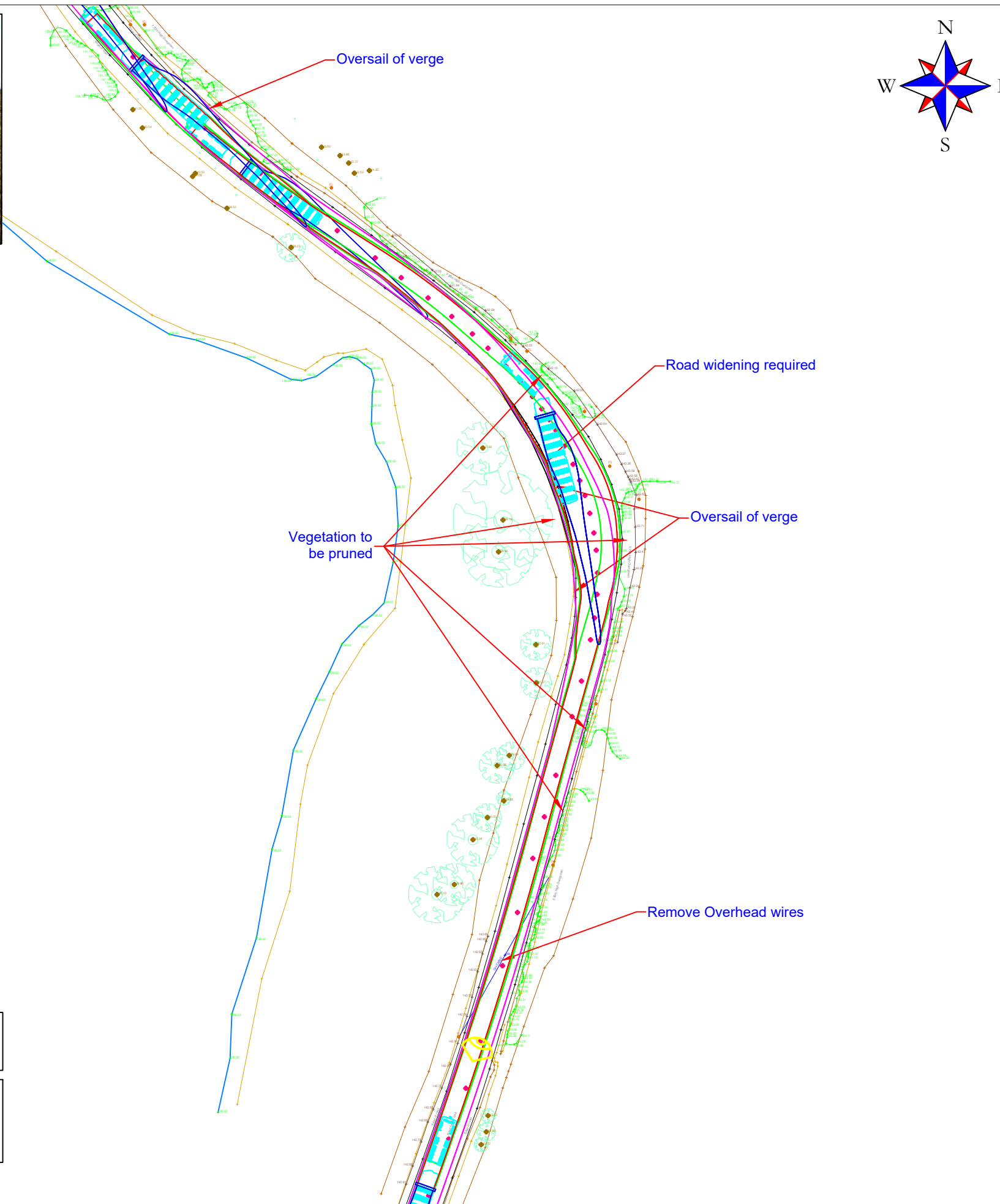
Generic 155 Blade
Blade Lift Adapter elevated to 60°

CLIENT REF: WP1.51

	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		DRAWN R. WEBSTER DATE 07/09/21 SCALE 1:500	TITLE MAPPING PROVIDED BY CLIENT PINCH POINT IDENTIFIED BY CLIENT	CUSTOMER BORD NA MONA SITE OWENINNY WIND FARM	DWG. NO. 359222-624B0.1
			SIZE A3			



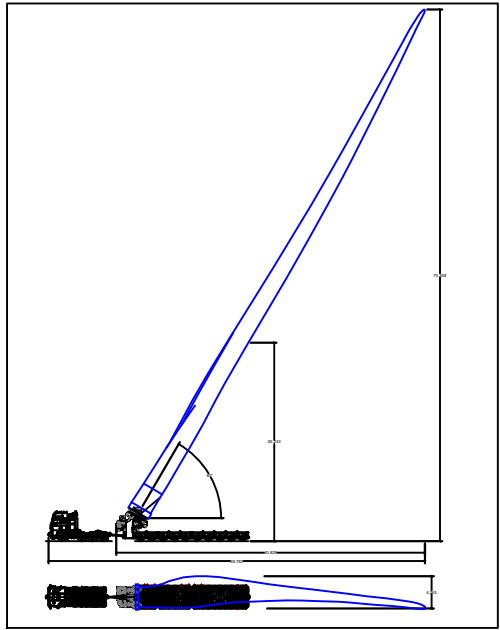
Direction of View



Continue along the R294.

****Caution****

- Road widening is required on the nearside of the bend to prevent potential third party land issues on both sides of the road.
- The loaded component will oversail the verge on the nearside of the bend and the offside of the road after the bend. Neither will cause any third party issues.
- Overhead wires crossing the road are to be removed to allow elevated blade unobstructed passage through the airspace.
- Vegetation on both sides of the road are to be pruned to allow for oversail.
- Manual steering & utilisation of the full extents of the road will be required to navigate at this location.



Swept Path indicates trailer utilising MANUAL steering

Generic
155 Blade
Blade Lift Adapter elevated to 60°

- 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.
- Police escorts and permits will be required for the movement of all of the components. 'Permits for movements' by the LA 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 metres.

IRISH Grid Reference: G 40595 14808

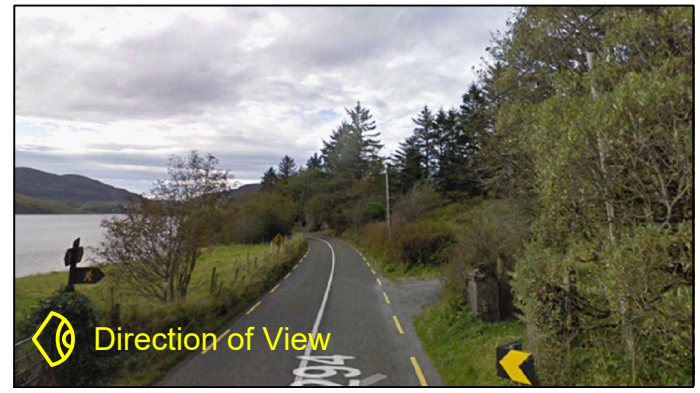
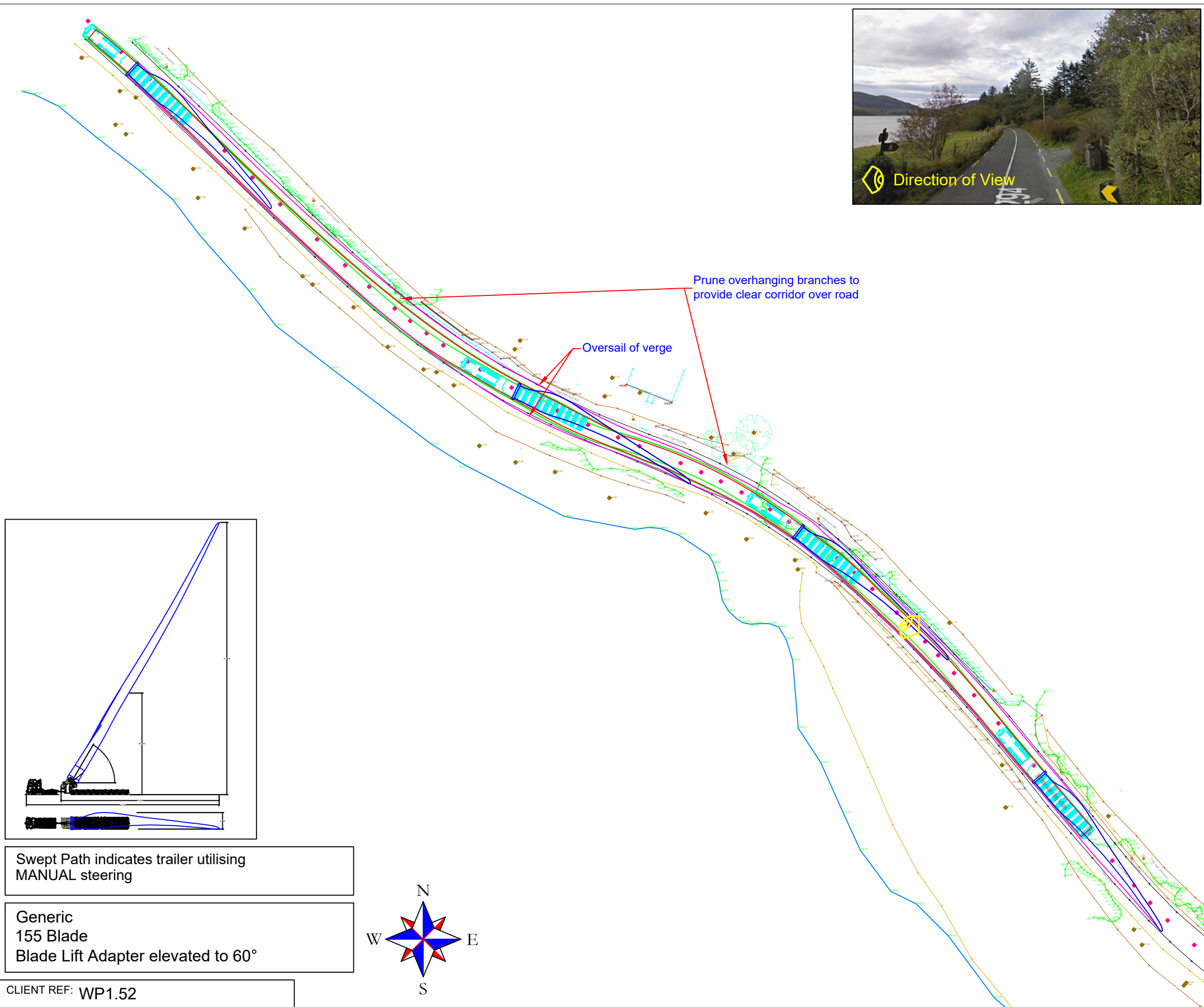
- Area within red outline will be swept by tractor and trailer axles
- ▨ Hatched area within red outline to be levelled and prepared to accept axle loadings
- Area within magenta outline will be oversailed by load and projections
- Area within green outline will be oversailed by trailer body

CLIENT REF: WP1.52



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

DRAWN	R. WEBSTER	TITLE	LEFT BEND ON R294, GLENAVOO		
DATE	08/09/21	MAPPING	PROVIDED BY CLIENT	CUSTOMER	BORD NA MONA
SCALE	1:750	SIZE	A3	PINCH POINT IDENTIFIED BY	CLIENT
			SITE	OWENINNY WIND FARM	DWG. NO. 359222-630B1.1

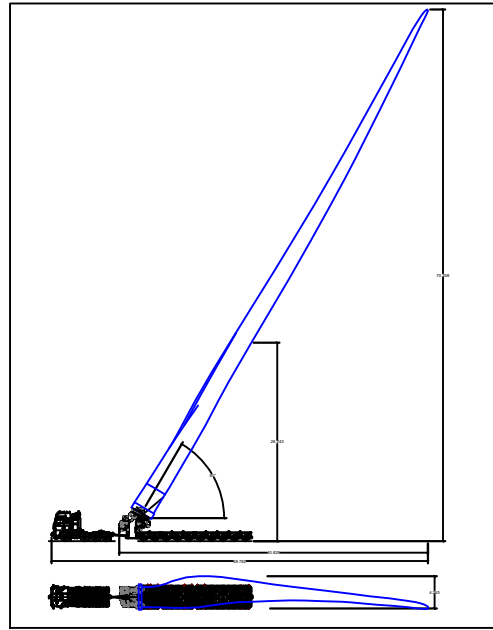


Continue along the R294.

****Caution****

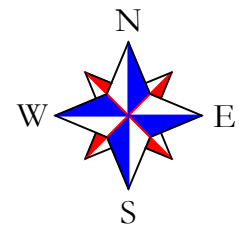
- The loaded component will oversail the verge on both sides of the R294. This will not cause any third party issues.
- Trees on the offside of the road are to be pruned, removing any overhanging branches to provide a clear corridor above the road.
- Manual steering & utilisation of the full extents of the road will be required to navigate at this location.

- 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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- 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 metres.



Swept Path indicates trailer utilising MANUAL steering

Generic 155 Blade
Blade Lift Adapter elevated to 60°



IRISH Grid Reference: G 40465 14945

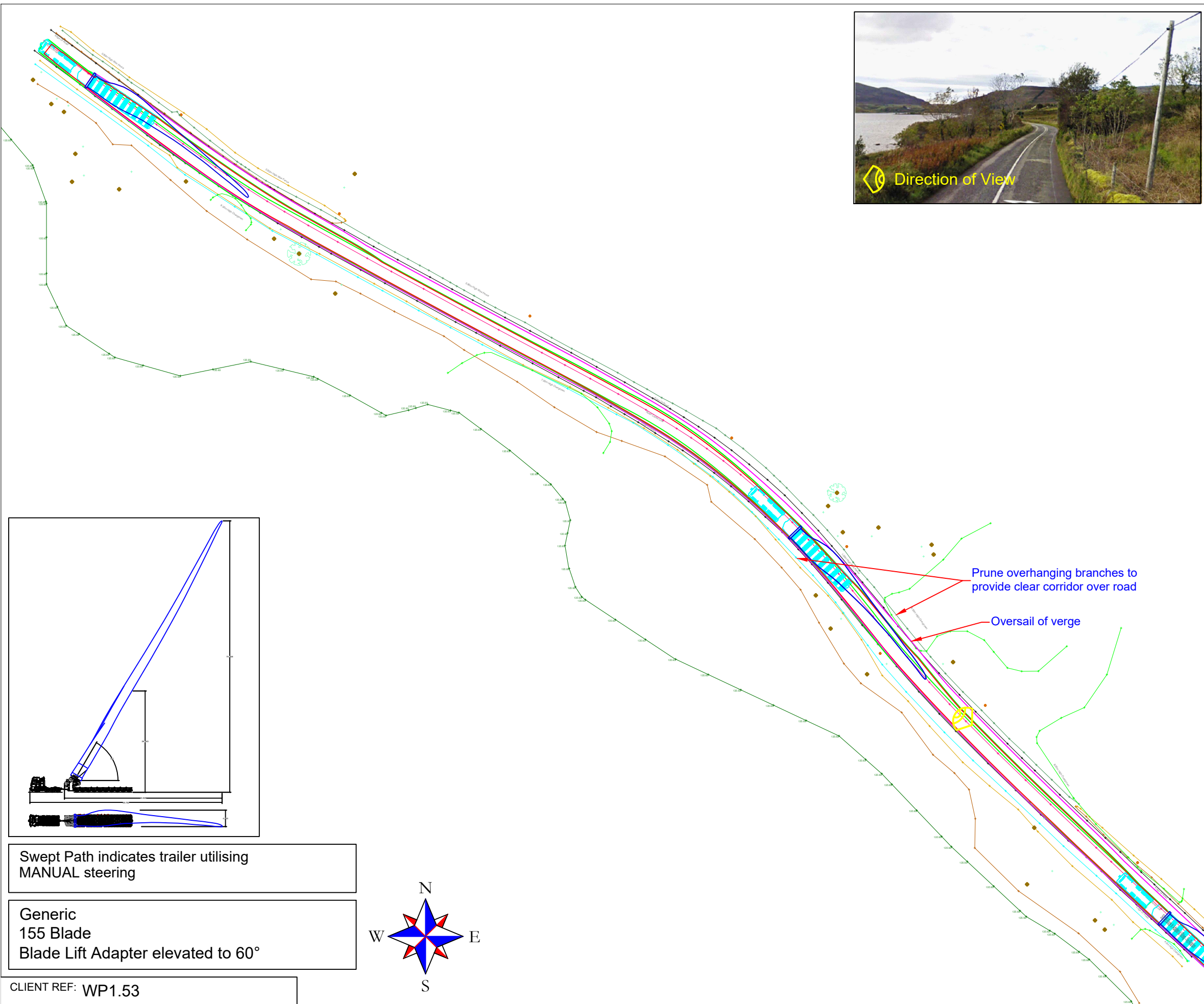
- Area within red outline will be swept by tractor and trailer axles
- ▨ Hatched area within red outline to be levelled and prepared to accept axle loadings
- Area within magenta outline will be oversailed by load and projections
- Area within green outline will be oversailed by trailer body

CLIENT REF: WP1.52



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

DRAWN	R. WEBSTER	TITLE	LEFT BEND ON R294, GLENAVOO		
DATE	08/09/21	MAPPING	PROVIDED BY CLIENT	CUSTOMER	BORD NA MONA
SCALE	1:750	SIZE	A3	PINCH POINT IDENTIFIED BY	CLIENT
				SITE	OWENINNY WIND FARM
				DWG. NO.	359222-632B1.1

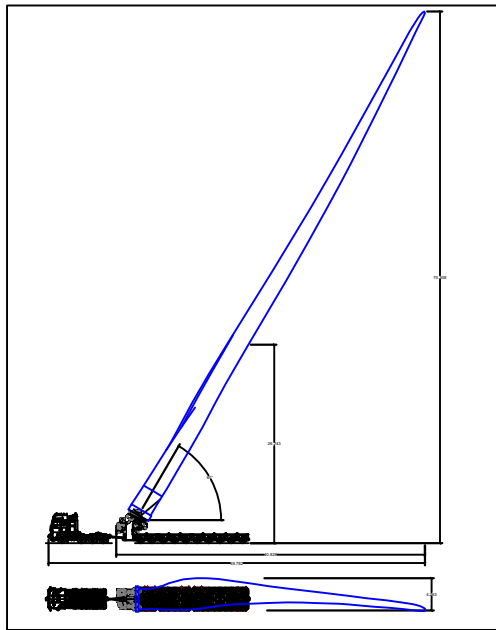


Continue along the R294.

****Caution****

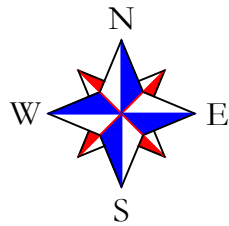
- The loaded component will oversail the verge on the offside of the R294. This will not cause any third party issues.
- Trees on both sides of the road are to be pruned, removing any overhanging branches to provide a clear corridor above the road.
- Manual steering & utilisation of the full extents of the road will be required to navigate at this location.

- 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.
- Police escorts and permits will be required for the movement of all of the components. 'Permits for movements' by the LA 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 metres.



Swept Path indicates trailer utilising MANUAL steering

Generic 155 Blade
Blade Lift Adapter elevated to 60°



IRISH Grid Reference: G 40198 15172

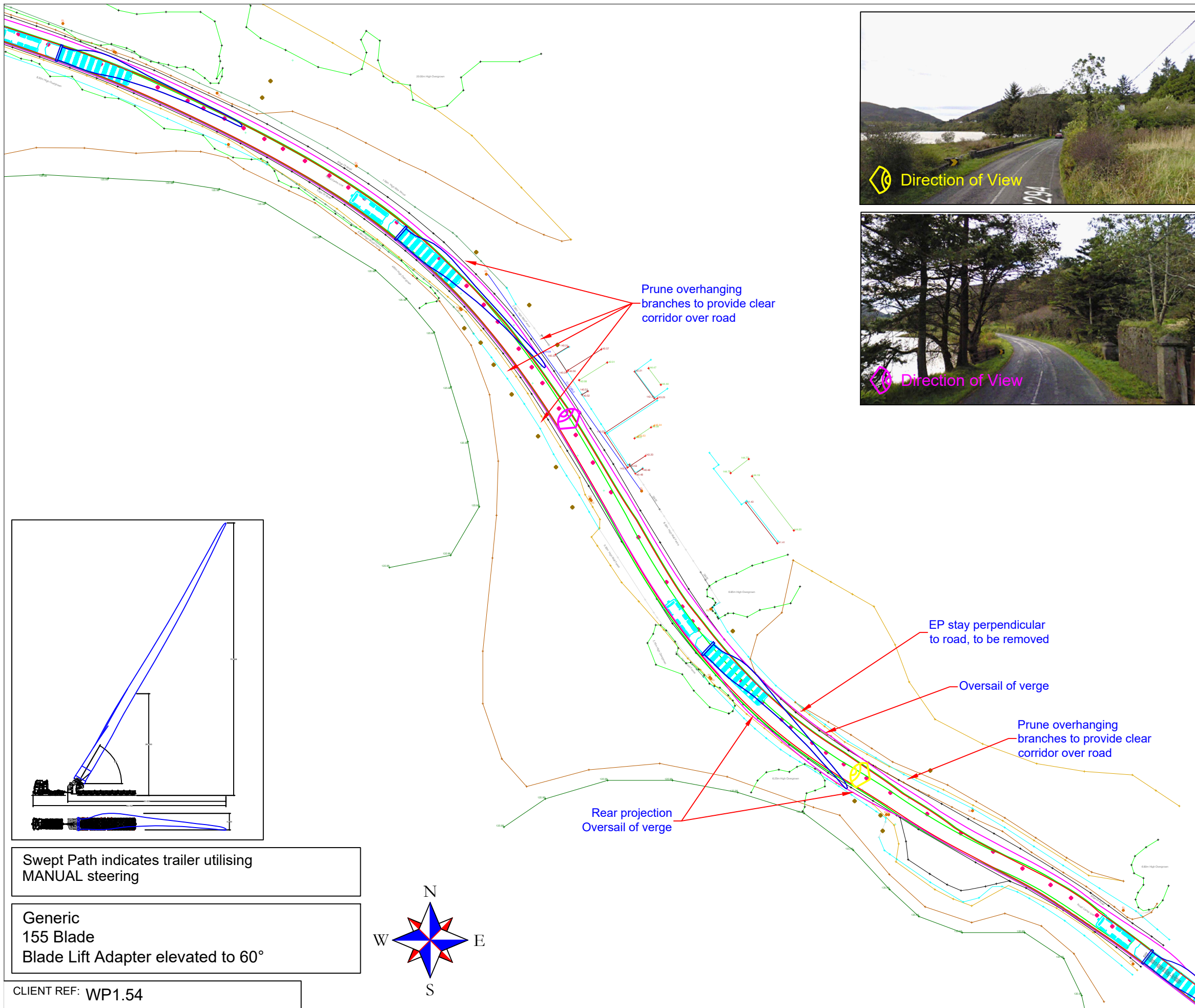
- Area within red outline will be swept by tractor and trailer axles
- ▨ Hatched area within red outline to be levelled and prepared to accept axle loadings
- Area within magenta outline will be oversailed by load and projections
- Area within green outline will be oversailed by trailer body

CLIENT REF: WP1.53



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DRAWN	R. WEBSTER	TITLE	LEFT BEND ON R294	
DATE	08/09/21	MAPPING	PROVIDED BY CLIENT	CUSTOMER
SCALE	1:750	SIZE	A3	PINCH POINT IDENTIFIED BY
			CLIENT	SITE
				OWENINNY WIND FARM
				DWG. NO. 359222-640B1.1
				BORD NA MONA



Continue along the R294.

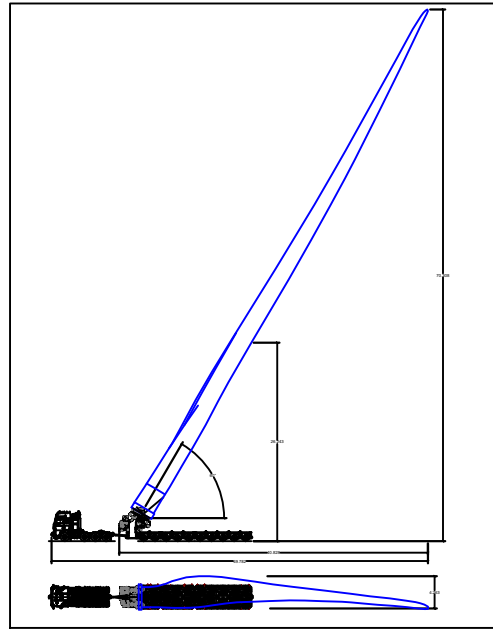
****Caution****

- The loaded component will oversail the verge on the offside and the rear projection will oversail on the offside of the right bend. This will not cause any third party issues.
- The stay of the Electric pole that projects towards the road is to be removed to allow the load to oversail
- Trees on both sides of the road are to be pruned, removing any overhanging branches to provide a clear corridor above the road.
- Manual steering & utilisation of the full extents of the road will be required to navigate at this location.

- 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.
- Police escorts and permits will be required for the movement of all of the components. 'Permits for movements' by the LA 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 metres.

IRISH Grid Reference: G 39536 15714

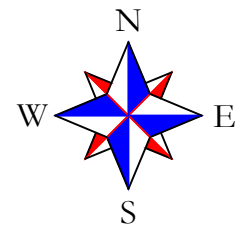
- Area within red outline will be swept by tractor and trailer axles
- ▨ Hatched area within red outline to be levelled and prepared to accept axle loadings
- Area within magenta outline will be oversailed by load and projections
- Area within green outline will be oversailed by trailer body



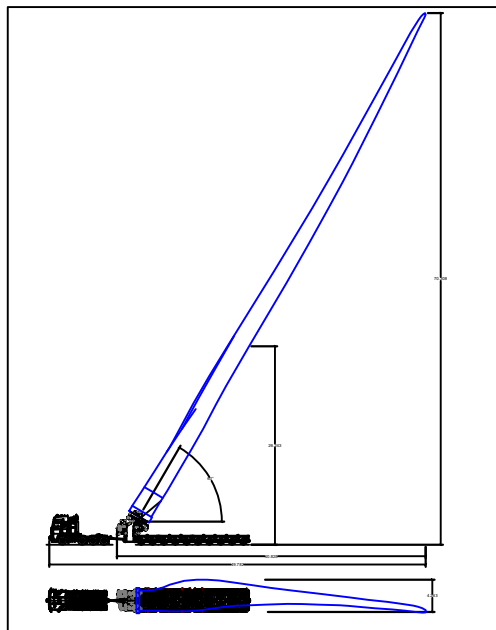
Swept Path indicates trailer utilising MANUAL steering

Generic 155 Blade
Blade Lift Adapter elevated to 60°

CLIENT REF: WP1.54



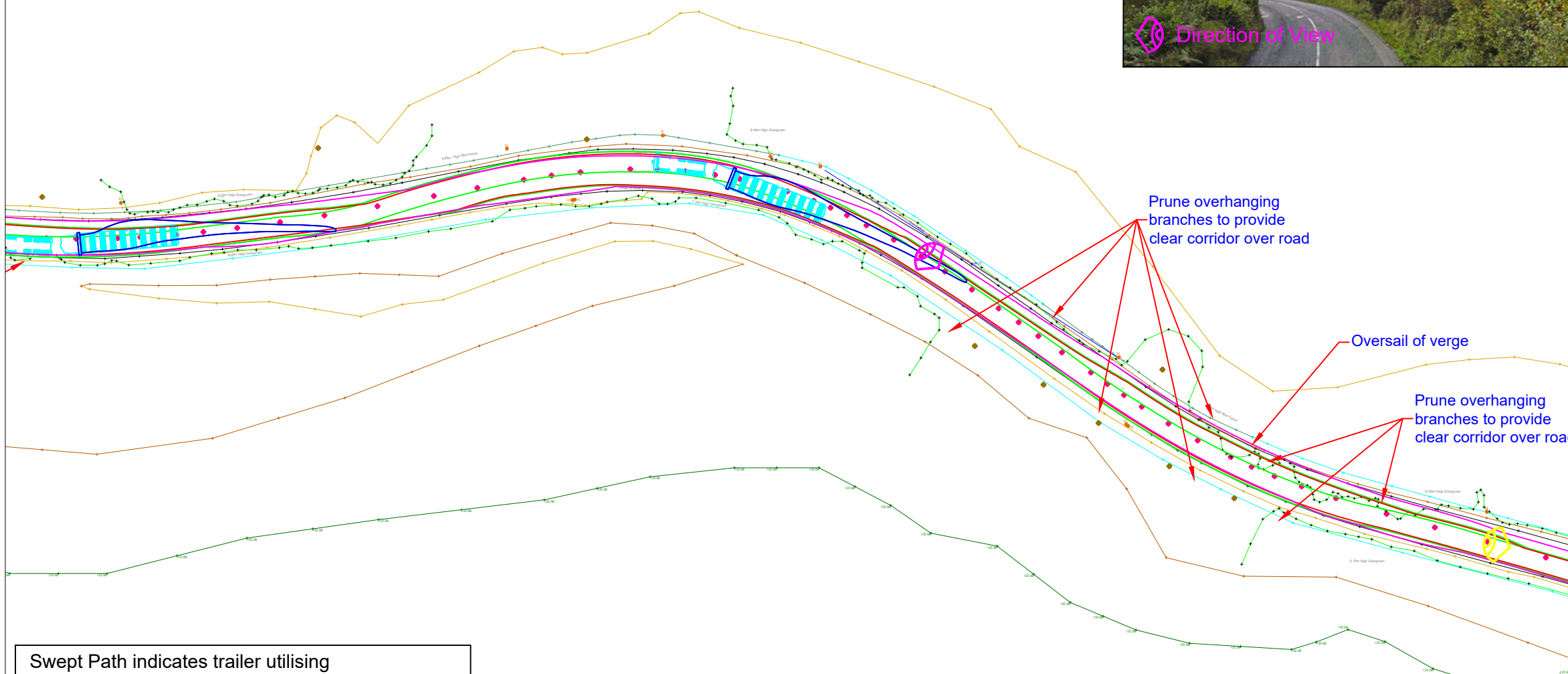
	COLLETT & SONS LIMITED Victoria Terminal TEL: +44(0)8456 255288 Albert Road FAX: +44(0)8456 255244 Halifax, HX2 0DF WEB: www.collett.co.uk		DRAWN R. WEBSTER DATE 08/09/21 SCALE 1:750 SIZE A3	TITLE S BEND ON R294, NEAR LOUGH TALT MAPPING PROVIDED BY CLIENT PINCH POINT IDENTIFIED BY CLIENT	CUSTOMER BORD NA MONA SITE OWENINNY WIND FARM DWG. NO. 359222-650B1.1
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Continue along the R294.

****Caution****

- The loaded component will oversail the verge on the offside prior to the left bend. This will not cause any third party issues.
- Trees on both sides of the road are to be pruned, removing any overhanging branches to provide a clear corridor above the road.
- Manual steering & utilisation of the full extents of the road will be required to navigate at this location.

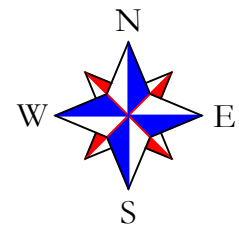


- The swept path analysis provided is produced from a purely transport orientated view, and does not consider any political issues in terms of land ownership, or any other precincts raised, that may otherwise be restrictive.
- All swept path diagrams and assessments are made and calculated for the road 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.
- Police escorts and permits will be required for the movement of all of the components. 'Permits for movements' by the LA 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 metres.

IRISH Grid Reference: G 39222 15897

Swept Path indicates trailer utilising MANUAL steering

Generic
155 Blade
Blade Lift Adapter elevated to 60°

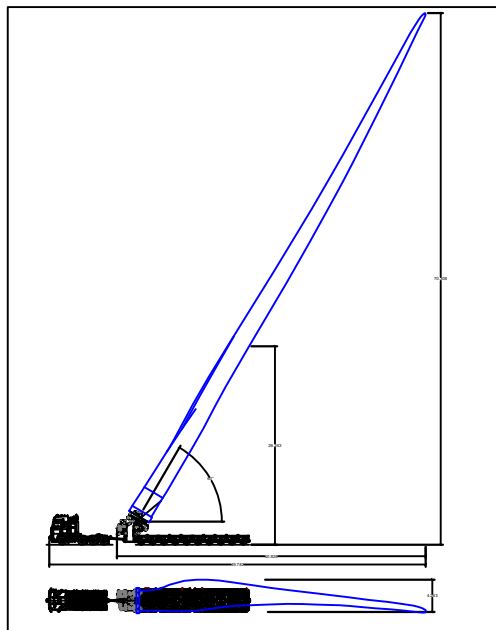


- Area within red outline will be swept by tractor and trailer axles
- ▨ Hatched area within red outline to be levelled and prepared to accept axle loadings
- Area within magenta outline will be oversailed by load and projections
- Area within green outline will be oversailed by trailer body

CLIENT REF: WP1.54

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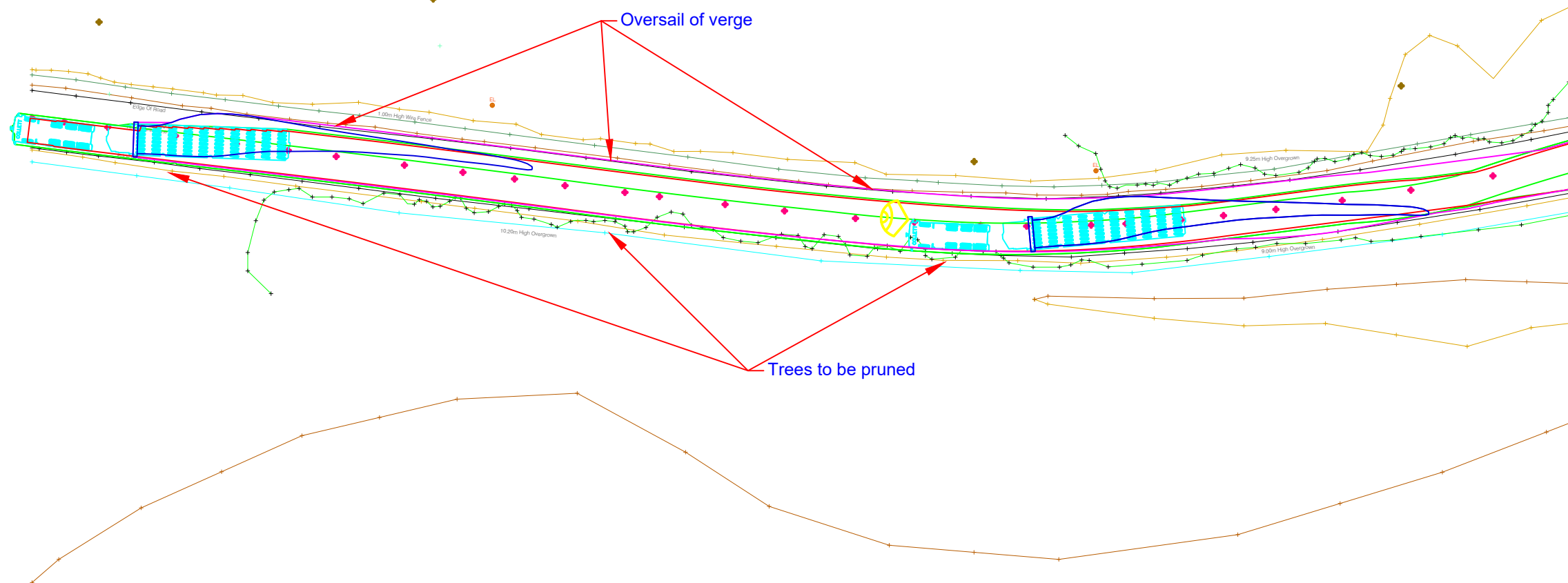
DRAWN	R. WEBSTER	TITLE	S BEND ON R294, NEAR LOUGH TALT		
DATE	08/09/21	MAPPING	PROVIDED BY CLIENT	CUSTOMER	BORD NA MONA
SCALE	1:750	SIZE	A3	PINCH POINT IDENTIFIED BY	CLIENT
			SITE	OWENINNY WIND FARM	DWG. NO. 359222-652B1.1



Continue along the R294.

****Caution****

- The loaded component will oversail the verge on the offside of the road. This will not cause any third party issues.
- Trees on the nearside of the road are to be pruned to provide unobstructed passage at this location.
- Manual steering & utilisation of the full extents of the road will be required at this location.



- 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.
- Police escorts and permits will be required for the movement of all of the components. 'Permits for movements' by the LA 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 metres.

IRISH Grid Reference: G 39222 15897

Swept Path indicates trailer utilising MANUAL steering

Generic 155 Blade
Blade Lift Adapter elevated to 60°

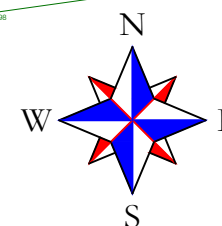
CLIENT REF: WP1.54

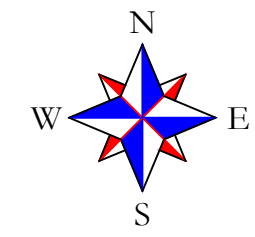
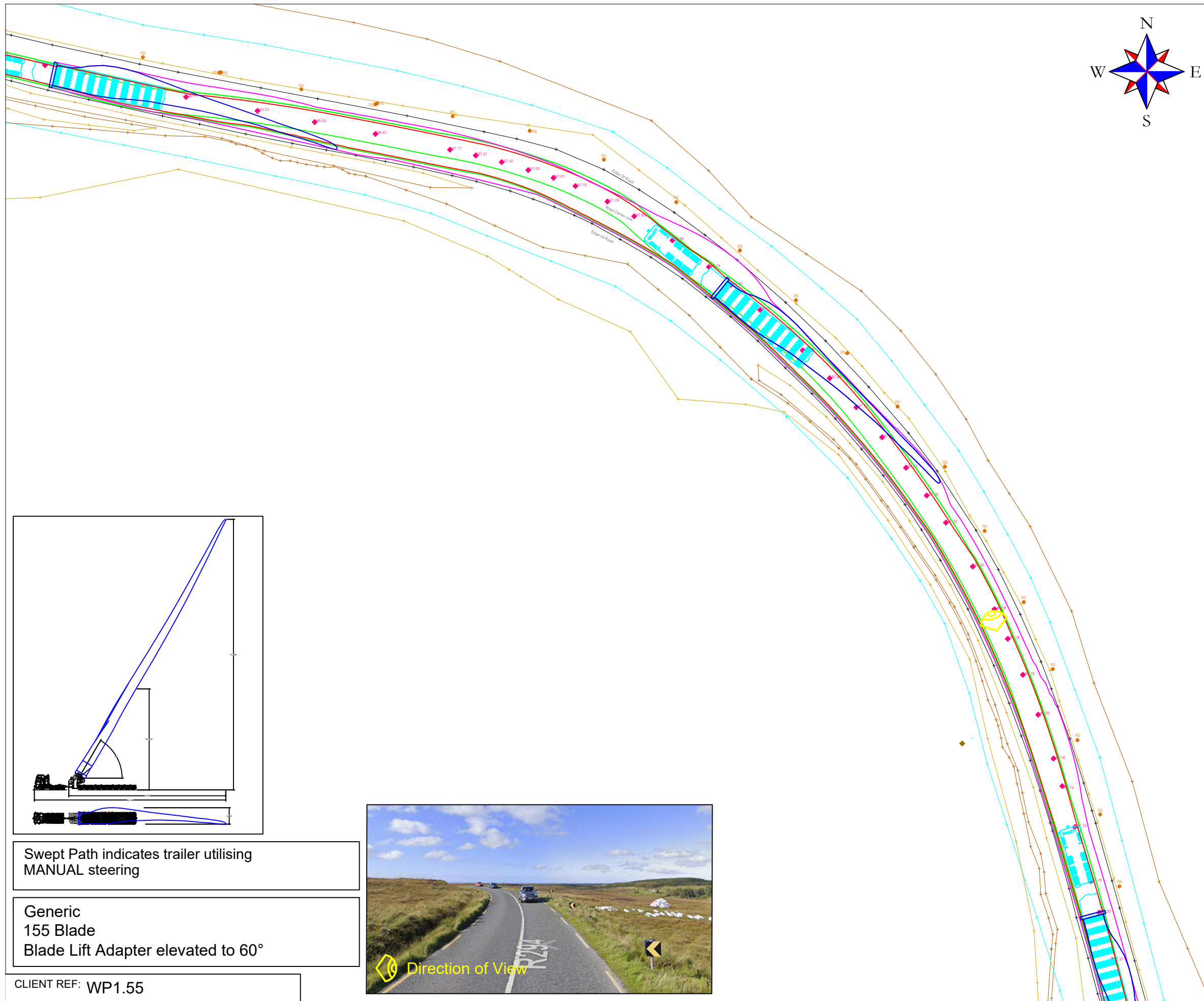


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DRAWN	R. WEBSTER	TITLE	RIGHT BEND ON R294, NEAR LOUGH TALT		
DATE	08/09/21	MAPPING	PROVIDED BY CLIENT	CUSTOMER	BORD NA MONA
SCALE	1:500	SIZE	A3	PINCH POINT IDENTIFIED BY	CLIENT
		SITE	OWENINNY WIND FARM	DWG. NO.	359222-654B1.1

- 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



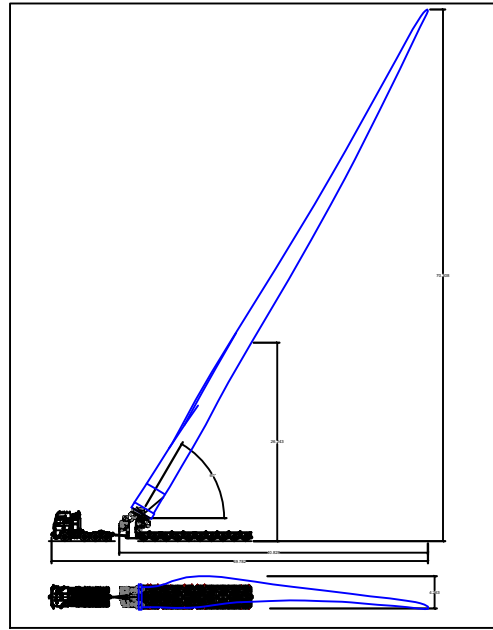


Continue along the R294.

****Caution****

- Manual steering & utilisation of the full extents of the road will be required at this location.

- 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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- 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 metres.



Swept Path indicates trailer utilising MANUAL steering

Generic
155 Blade
Blade Lift Adapter elevated to 60°



IRISH Grid Reference: G 36712 17589

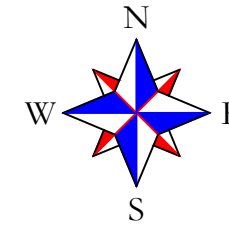
- Area within red outline will be swept by tractor and trailer axles
- ▨ Hatched area within red outline to be levelled and prepared to accept axle loadings
- Area within magenta outline will be oversailed by load and projections
- Area within green outline will be oversailed by trailer body

CLIENT REF: WP1.55



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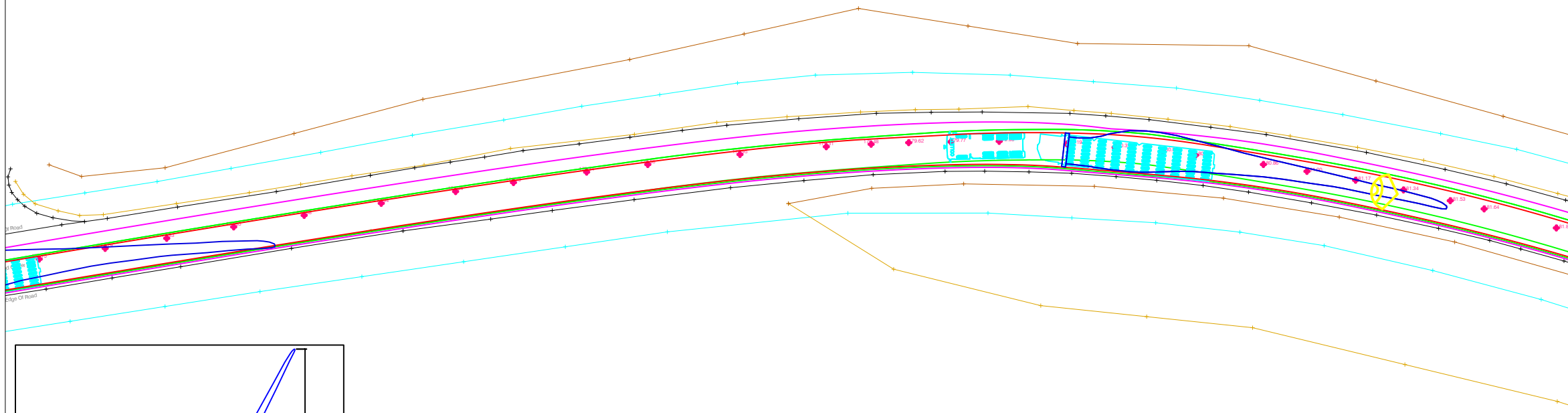
DRAWN	R. WEBSTER	TITLE	LEFT BEND ON R294		
DATE	09/09/21	MAPPING	PROVIDED BY CLIENT	CUSTOMER	BORD NA MONA
SCALE	1:500	SIZE	A3	PINCH POINT IDENTIFIED BY	CLIENT
				SITE	OWENINNY WIND FARM
				DWG. NO.	359222-660B1.1



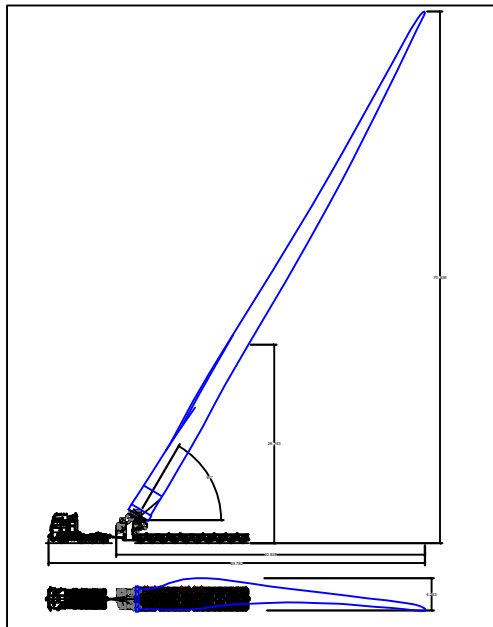
Continue along the R294.

****Caution****

- Manual steering & utilisation of the full extents of the road will be required at this location.



- 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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- 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 metres.



Swept Path indicates trailer utilising MANUAL steering

Generic
155 Blade
Blade Lift Adapter elevated to 60°

IRISH Grid Reference: G 36403 17685



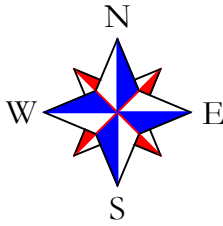
- Area within red outline will be swept by tractor and trailer axles
- ▨ Hatched area within red outline to be levelled and prepared to accept axle loadings
- Area within magenta outline will be oversailed by load and projections
- Area within green outline will be oversailed by trailer body

CLIENT REF: WP1.55



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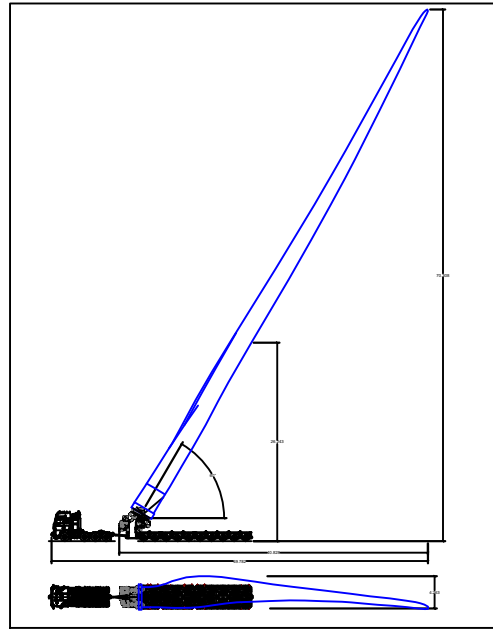
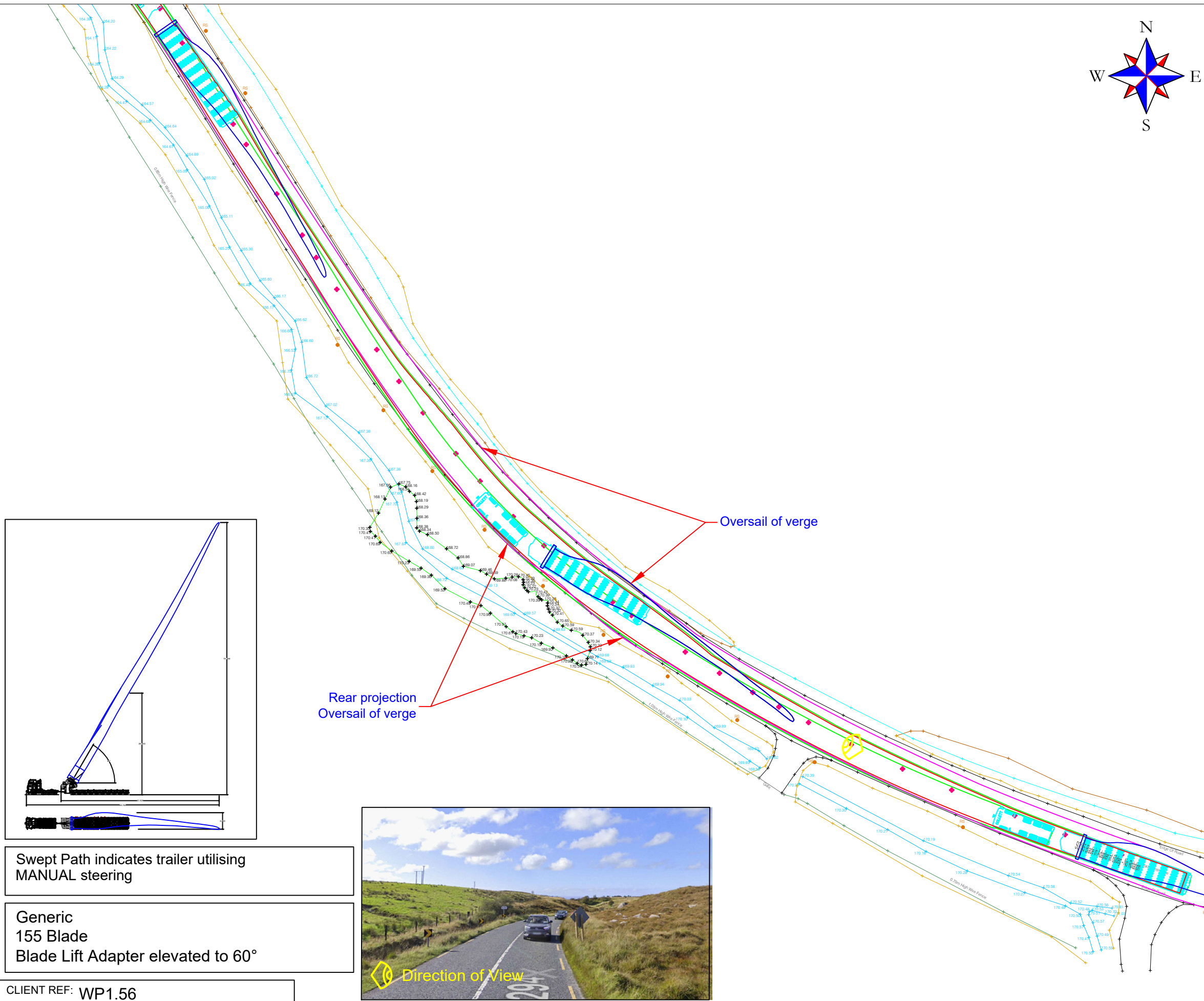
DRAWN	R. WEBSTER	TITLE	LEFT BEND ON R294		
DATE	09/09/21	MAPPING	PROVIDED BY CLIENT	CUSTOMER	BORD NA MONA
SCALE	1:500	SIZE	A3	PINCH POINT IDENTIFIED BY	CLIENT
				SITE	OWENINNY WIND FARM
				DWG. NO.	359222-662B1.1



Continue along the R294.

****Caution****

- The load & rear projection will oversail the verges on either side of the bend. This does not cause any third party issues.
- Manual steering & utilisation of the full extents of the road will be required at this location.



Swept Path indicates trailer utilising MANUAL steering

Generic
155 Blade
Blade Lift Adapter elevated to 60°

CLIENT REF: WP1.56



- 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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- In critical areas, where modifications are required, the road construction must be formed to the minimum specification contained in the Turbine Manufacturers Transport Guidance Notes.
- The Turbine Manufacturers 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 metres.

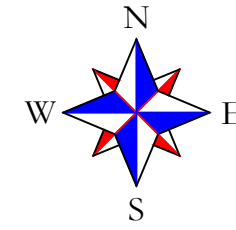
IRISH Grid Reference: G 35894 17731

- 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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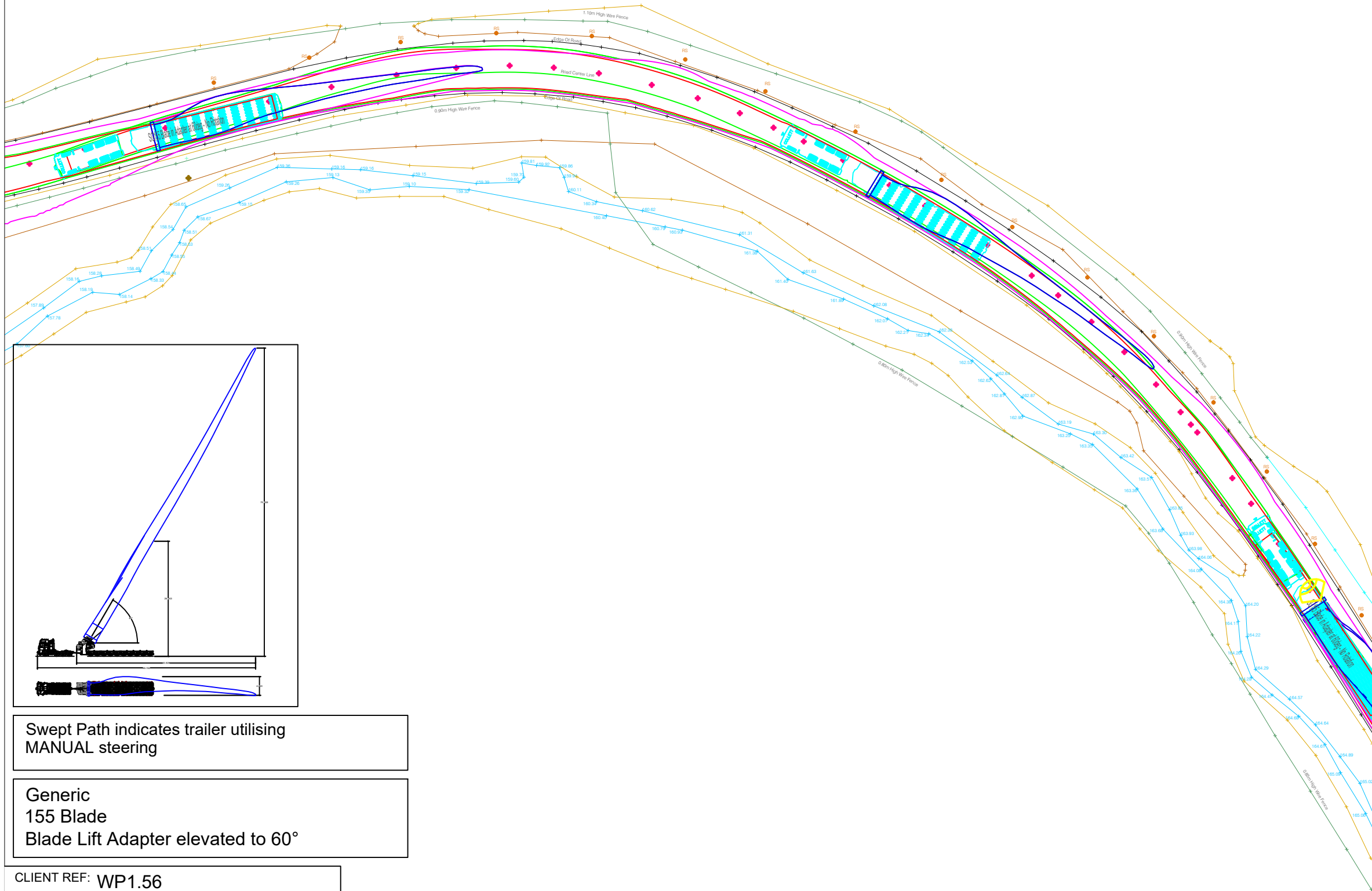
DRAWN	R. WEBSTER	TITLE	RIGHT BEND IN SERIES OF BENDS ON R294		
DATE	09/09/21	MAPPING	PROVIDED BY CLIENT	CUSTOMER	BORD NA MONA
SCALE	1:500	SIZE	A3	PINCH POINT IDENTIFIED BY	CLIENT
		SITE	OWENINNY WIND FARM	DWG. NO.	359222-670B1.1



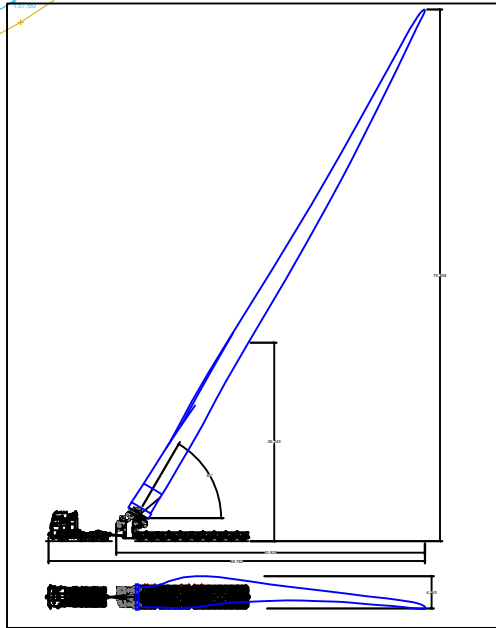
Continue along the R294.

****Caution****

- Manual steering & utilisation of the full extents of the road will be required at this location.



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- 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. 'Permits for movements' by the LA 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 metres.



Swept Path indicates trailer utilising MANUAL steering

Generic
155 Blade
Blade Lift Adapter elevated to 60°

IRISH Grid Reference: G 35766 17857

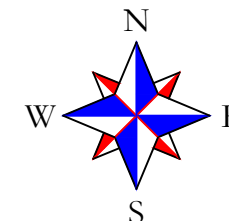
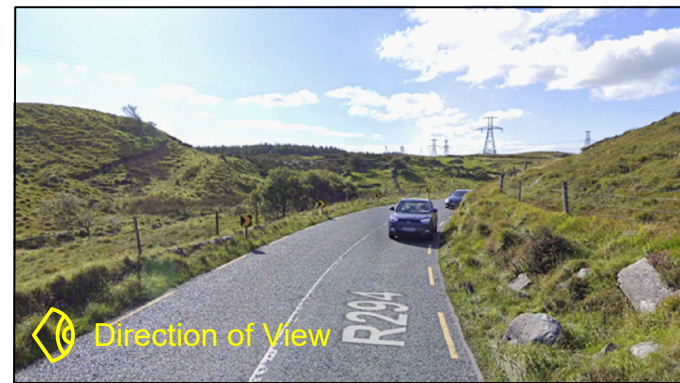
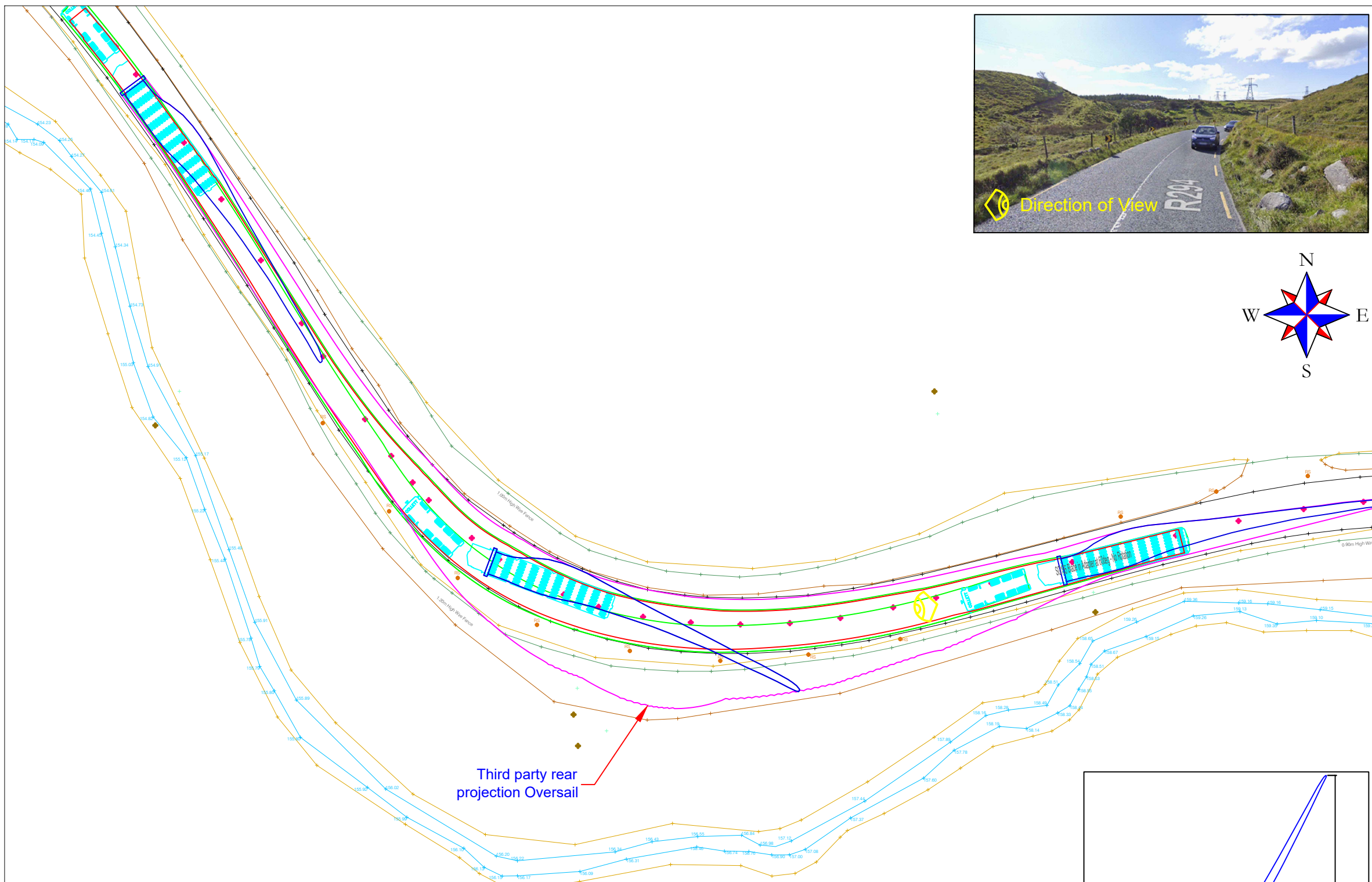
- Area within red outline will be swept by tractor and trailer axles
- ▨ Hatched area within red outline to be levelled and prepared to accept axle loadings
- Area within magenta outline will be oversailed by load and projections
- Area within green outline will be oversailed by trailer body

CLIENT REF: WP1.56



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

DRAWN	R. WEBSTER	TITLE	LEFT BEND IN SERIES OF BENDS ON R294		
DATE	09/09/21	MAPPING	PROVIDED BY CLIENT	CUSTOMER	BORD NA MONA
SCALE	1:500	SIZE	A3	PINCH POINT IDENTIFIED BY	CLIENT
			SITE	OWENINNY WIND FARM	DWG. NO. 359222-672B1.1



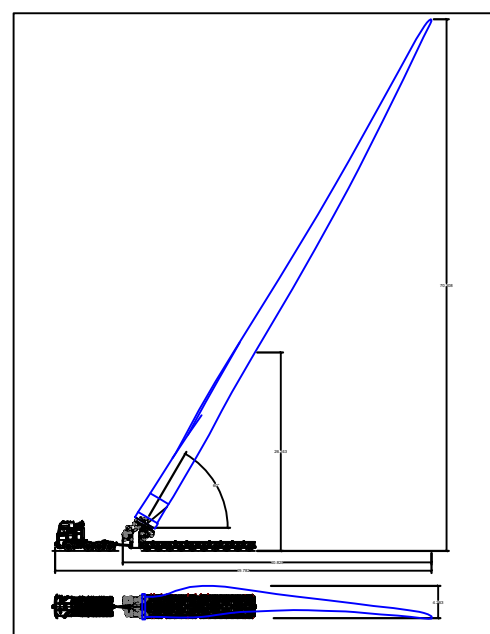
Continue along the R294.

****Caution****

- Third party land on the nearside of the bend is required to permit the rear projection to oversail during the manoeuvre.
- Manual steering & utilisation of the full extents of the road will be required at this location.

- 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.
- Police escorts and permits will be required for the movement of all of the components. 'Permits for movements' by the LA 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.
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- All dimensions in metres.

Third party rear projection Oversail



IRISH Grid Reference: G 35659 17846

- 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

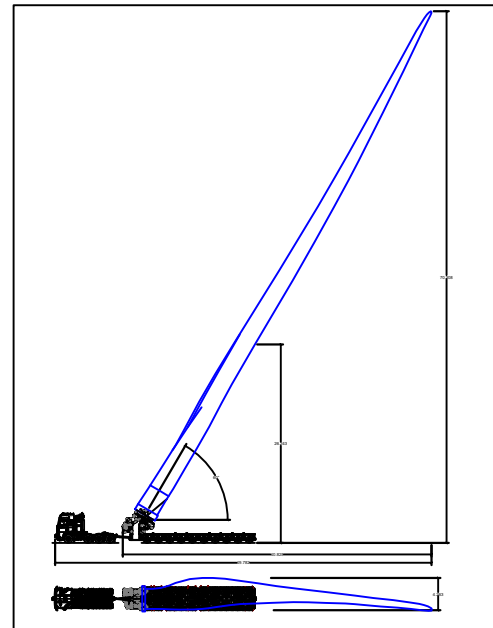
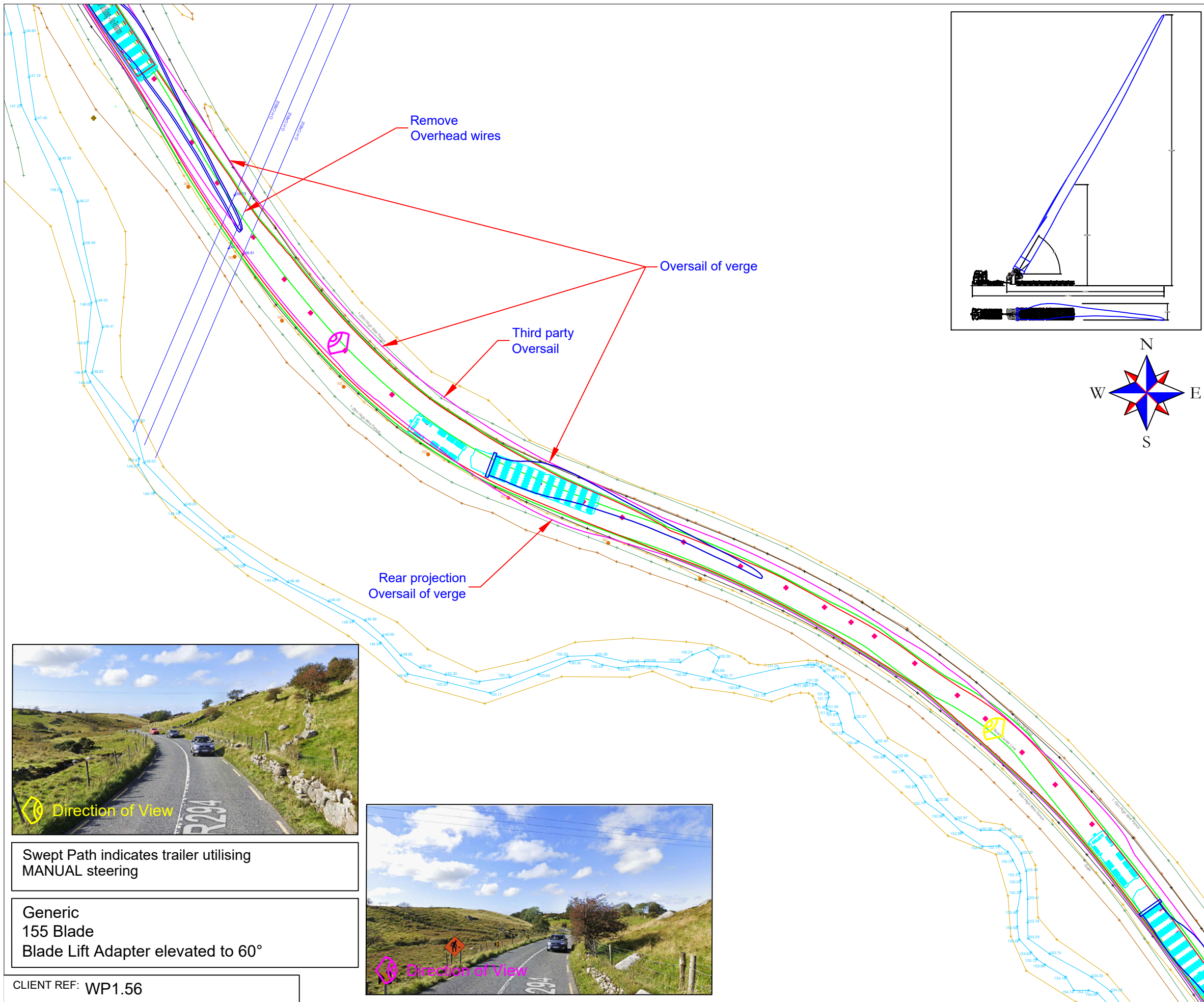
Generic
155 Blade
Blade Lift Adapter elevated to 60°

CLIENT REF: WP1.56



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DRAWN	R. WEBSTER	TITLE	RIGHT BEND IN SERIES OF BENDS ON R294		
DATE	09/09/21	MAPPING	PROVIDED BY CLIENT	CUSTOMER	BORD NA MONA
SCALE	1:500	SIZE	A3	PINCH POINT IDENTIFIED BY	CLIENT
				SITE	OWENINNY WIND FARM
				DWG. NO.	359222-674B1.1

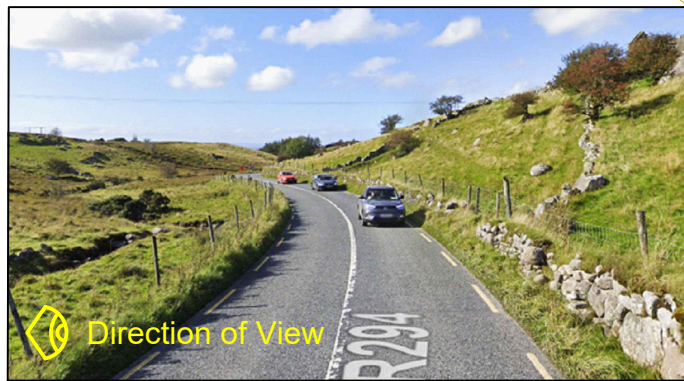


Continue along the R294.

****Caution****

- The load will oversail on the offside of the right bend, including third party land which is required to permit the load to oversail during the manoeuvre.
- The rear projection will oversail the verge on the nearside of the right bend. This will not cause third party issues.
- The overhead wires crossing the R294 are to be removed to allow the elevated blade unobstructed passage through the airspace.
- Manual steering & utilisation of the full extents of the road will be required at this location.

- 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.
- Police escorts and permits will be required for the movement of all of the components. 'Permits for movements' by the LA 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 metres.



Direction of View

Swept Path indicates trailer utilising MANUAL steering

Generic
155 Blade
Blade Lift Adapter elevated to 60°

CLIENT REF: WP1.56



Direction of View

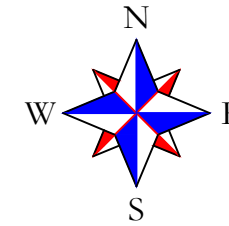
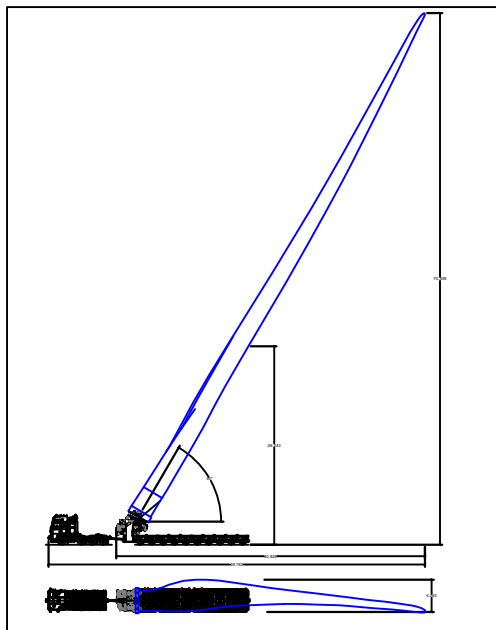
IRISH Grid Reference: G 35538 17959

- 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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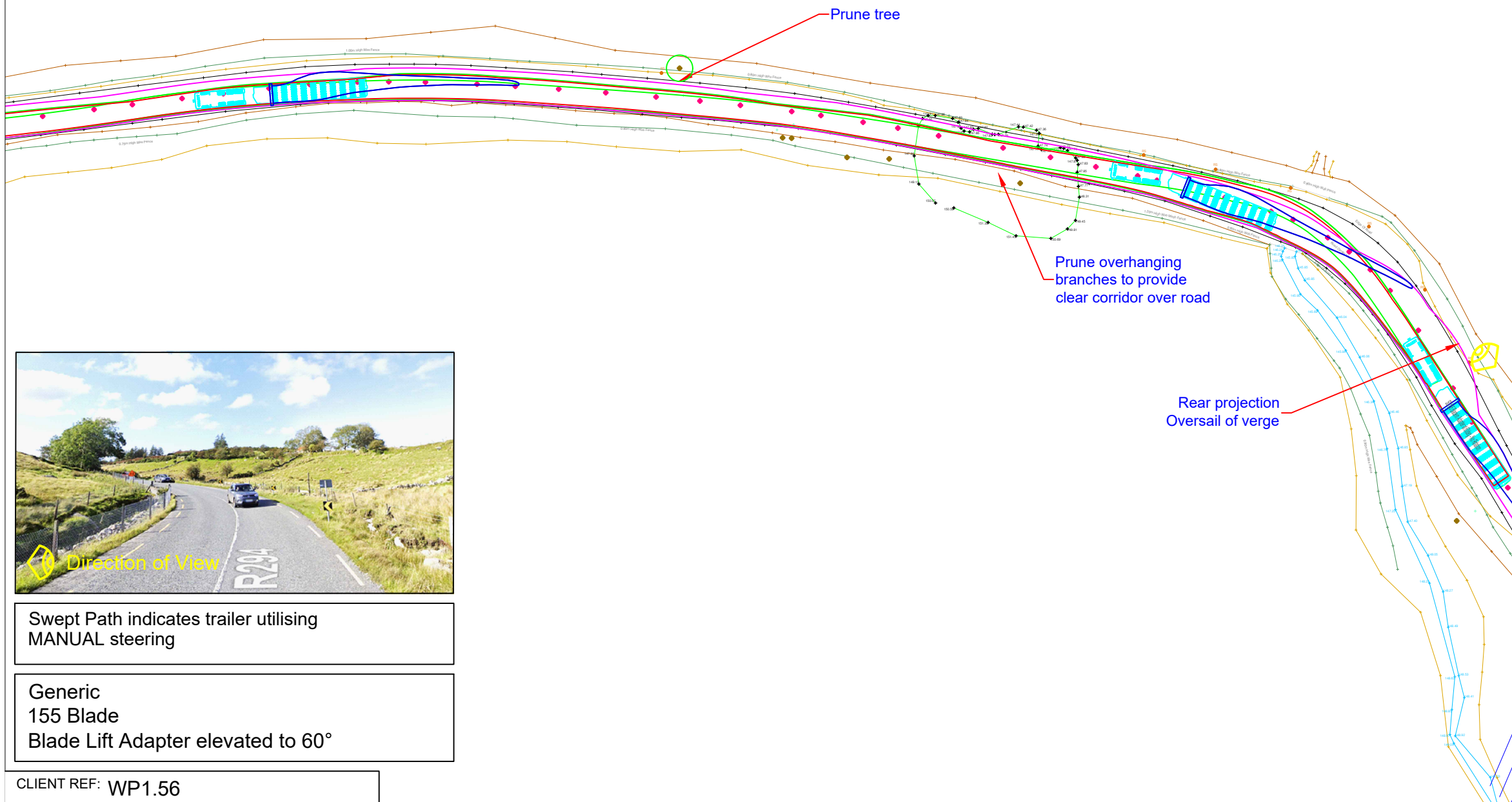
DRAWN	R. WEBSTER	TITLE	S - BEND IN SERIES OF BENDS ON R294		
DATE	09/09/21	MAPPING	PROVIDED BY CLIENT	CUSTOMER	BORD NA MONA
SCALE	1:500	SIZE	A3	PINCH POINT IDENTIFIED BY	CLIENT
			SITE	OWENINNY WIND FARM	DWG. NO. 359222-676B1.1



Continue along the R294.

****Caution****

- The rear projection will oversail the verge on the offside of the left bend. This will not cause third party issues.
- Trees on the nearside of the road, where indicated, are to be pruned, removing any overhanging branches to provide a clear corridor above the road.
- A tree on the offside of the road is to be pruned.
- Manual steering & utilisation of the full extents of the road will be required at this location.



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- All dimensions in metres.



Swept Path indicates trailer utilising MANUAL steering

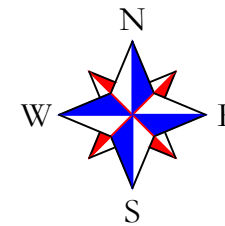
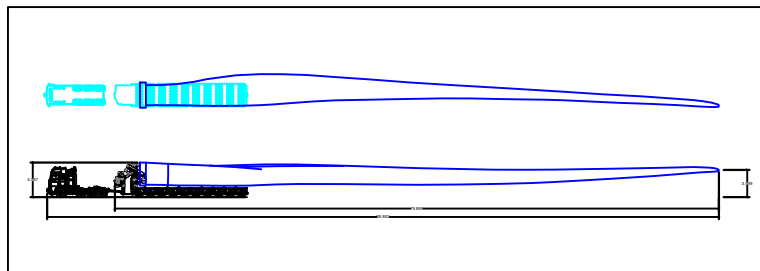
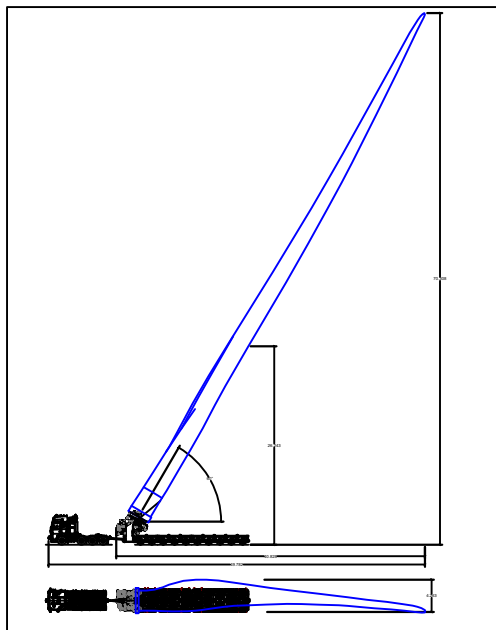
Generic
155 Blade
Blade Lift Adapter elevated to 60°

CLIENT REF: WP1.56

IRISH Grid Reference: G 35451 18055

- 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

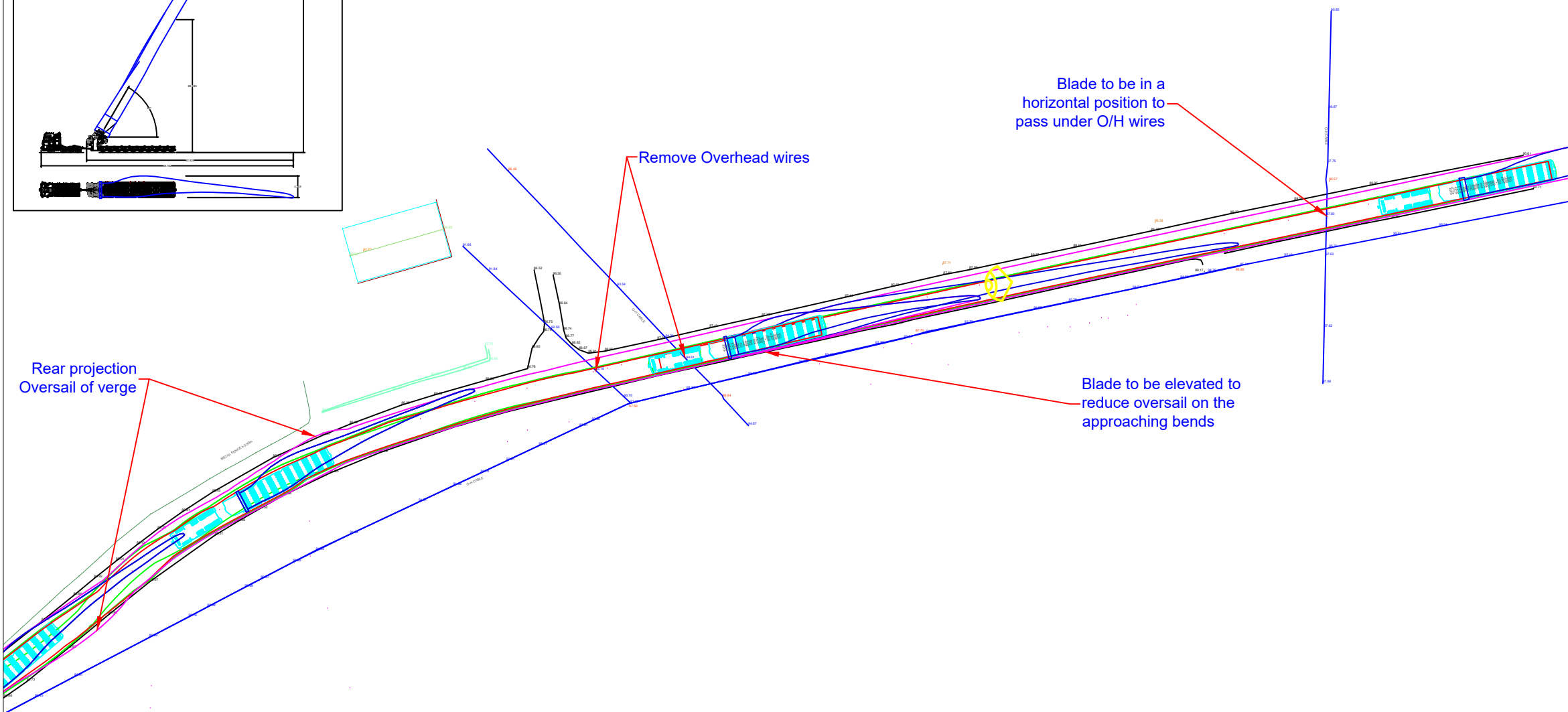
	COLLETT & SONS LIMITED Victoria Terminal TEL: +44(0)8456 255288 Albert Road FAX: +44(0)8456 255244 Halifax, HX2 0DF WEB: www.collett.co.uk		DRAWN R. WEBSTER DATE 09/09/21 SCALE 1:750 SIZE A3	TITLE LEFT BEND IN SERIES OF BENDS ON R294 MAPPING PROVIDED BY CLIENT PINCH POINT IDENTIFIED BY CLIENT	CUSTOMER BORD NA MONA SITE OWENINNY WIND FARM DWG. NO. 359222-678B1.1
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Continue along the R294.

****Caution****

- The rear projection will oversail the verge on both sides of the left bend. This will not cause third party issues.
- The Overhead wires crossing the R294, where indicated, are to be removed.
- The blade is to be lowered and raised, where indicated when necessary.
- Manual steering & utilisation of the full extents of the road will be required at this location.



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- All dimensions in metres.

IRISH Grid Reference: G 33496 18647

Swept Path indicates trailer utilising MANUAL steering

Generic
155 Blade
Blade Lift Adapter elevated to 60° and 0°

CLIENT REF: WP1.57

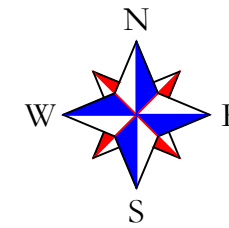
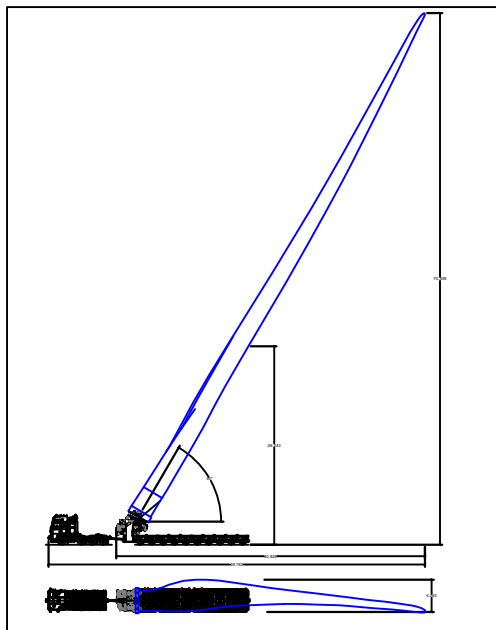


- Area within red outline will be swept by tractor and trailer axles
- ▨ Hatched area within red outline to be levelled and prepared to accept axle loadings
- Area within magenta outline will be oversailed by load and projections
- Area within green outline will be oversailed by trailer body

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EXPERTS IN MOTION

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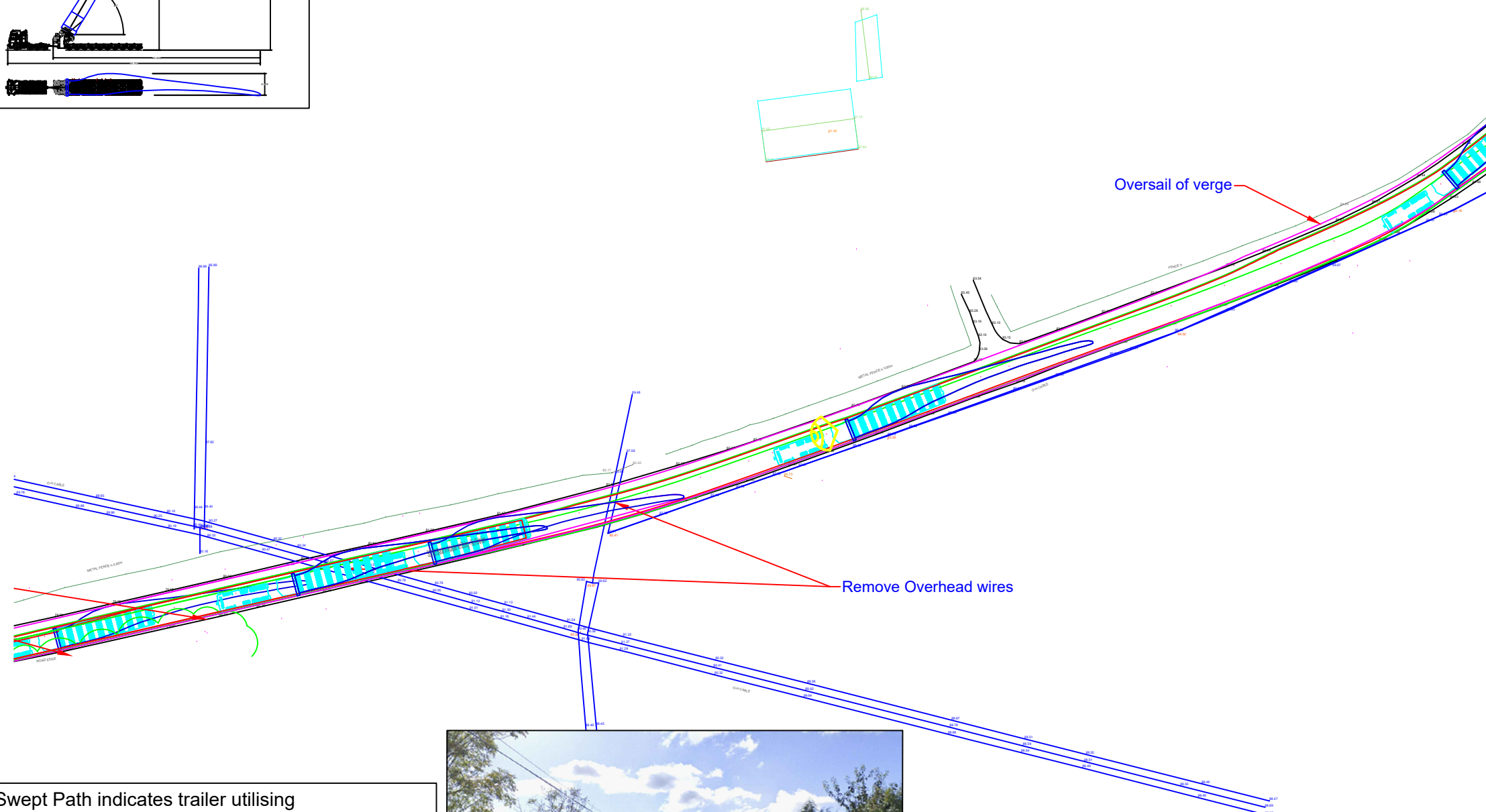
DRAWN	R. WEBSTER	TITLE	LEFT BEND ON R294, NEAR BONNYCONNELLAN		
DATE	10/09/21	MAPPING	PROVIDED BY CLIENT	CUSTOMER	BORD NA MONA
SCALE	1:750	SIZE	A3	PINCH POINT IDENTIFIED BY	CLIENT
				SITE	OWENINNY WIND FARM
				DWG. NO.	359222-680B1.1



Continue along the R294.

****Caution****

- The load will oversail the verge on the offside of the bend. This will not cause third party issues.
- The Overhead wires crossing the R294, where indicated, are to be removed.
- Manual steering & utilisation of the full extents of the road will be required at this location.



- 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.
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- All dimensions in metres.

IRISH Grid Reference: G 33383 18588

Swept Path indicates trailer utilising MANUAL steering

Generic
155 Blade
Blade Lift Adapter elevated to 60°

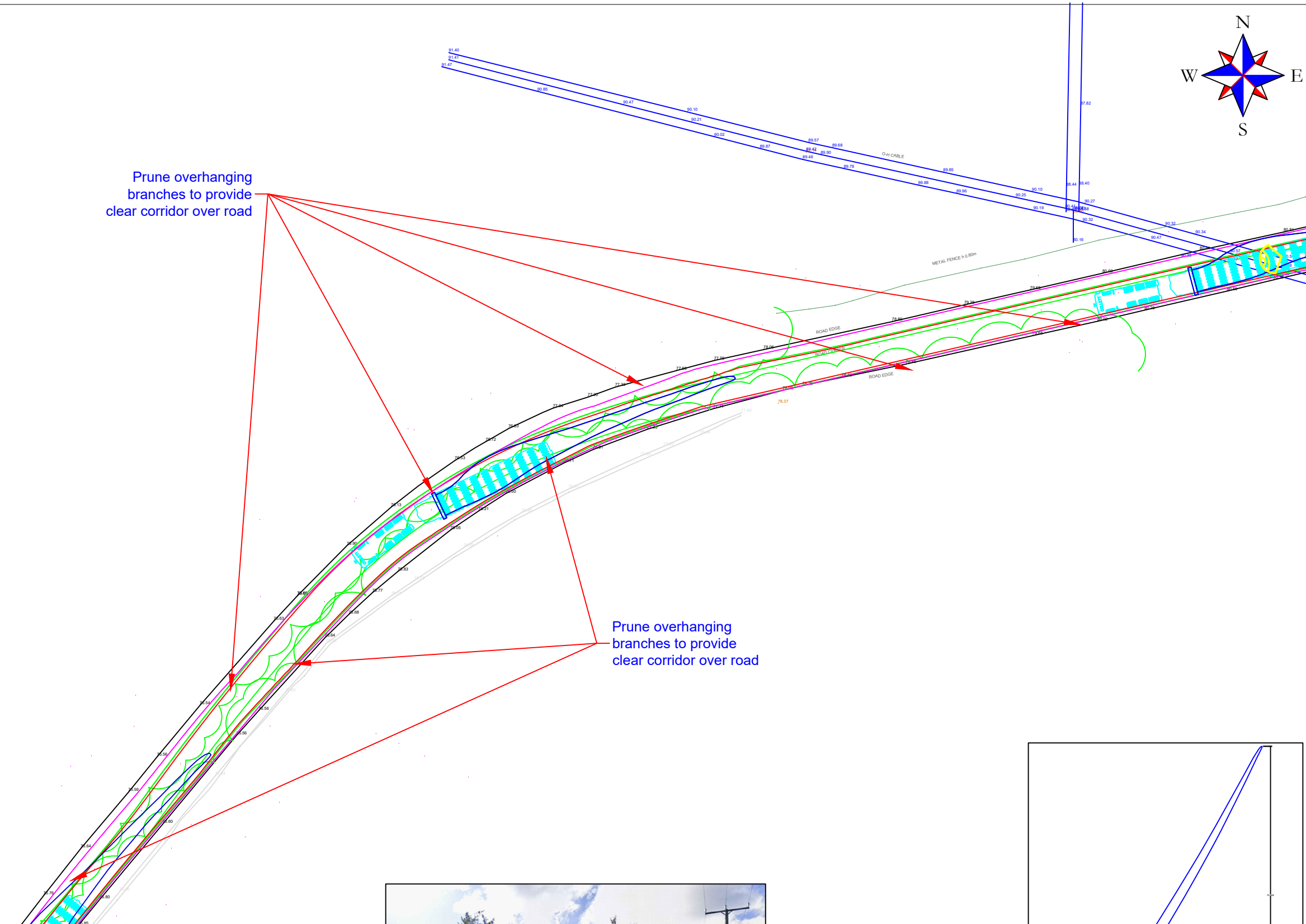


CLIENT REF: WP1.57



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

DRAWN	R. WEBSTER	TITLE	OVERHEAD WIRES ON R294, NEAR BONNYCONNELLAN		
DATE	10/09/21	MAPPING	PROVIDED BY CLIENT	CUSTOMER	BORD NA MONA
SCALE	1:750	SIZE	A3	PINCH POINT IDENTIFIED BY	CLIENT
		SITE	OWENINNY WIND FARM	DWG. NO.	359222-682B1.1



Continue along the R294.

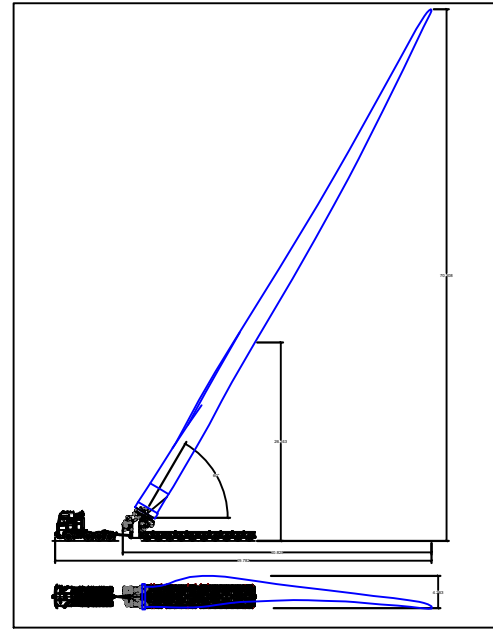
****Caution****

- Trees on both sides of the road are to be pruned, removing any overhanging branches to provide a clear corridor above the road.
- Manual steering & utilisation of the full extents of the road will be required at this location.

- 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.
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- Police escorts and permits will be required for the movement of all of the components. 'Permits for movements' by the LA are a major consideration before the physical capability to deliver these components are undertaken.
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- All dimensions in metres.

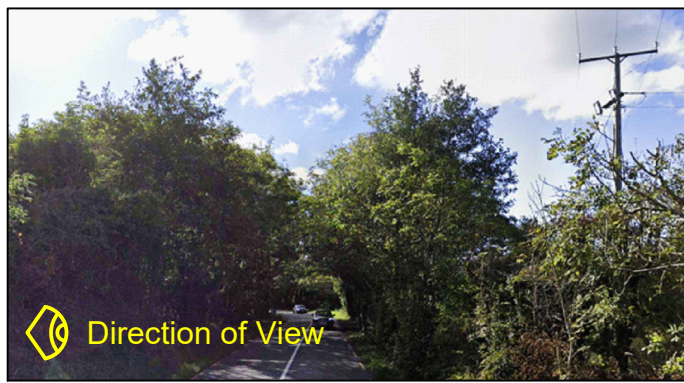
IRISH Grid Reference: G 33200 18536

- 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

Generic 155 Blade
Blade Lift Adapter elevated to 60°



CLIENT REF: WP1.57



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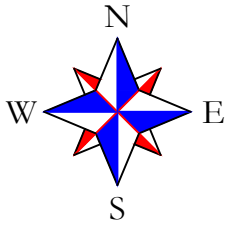
DRAWN	R. WEBSTER
DATE	10/09/21
SCALE	1:500
SIZE	A3

TITLE	LEFT BEND ON R294, BONNYCONNELLAN		
MAPPING	PROVIDED BY CLIENT	CUSTOMER	BORD NA MONA
PINCH POINT IDENTIFIED BY	CLIENT	SITE	OWENINNY WIND FARM
		DWG. NO.	359222-684B1.1



Swept Path indicates trailer utilising MANUAL steering

Generic
155 Blade
Blade Lift Adapter elevated to 60°

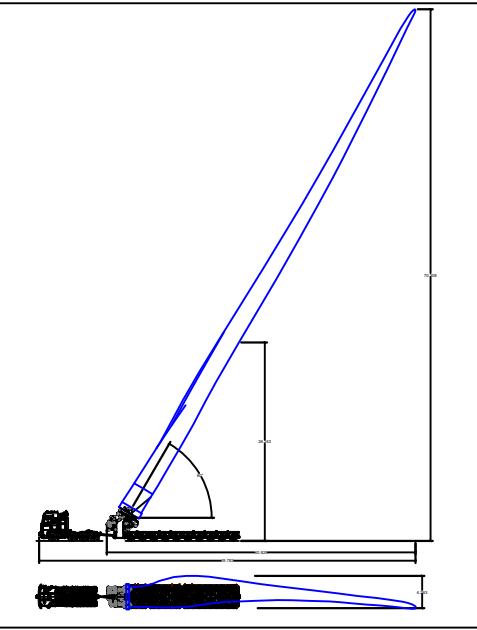
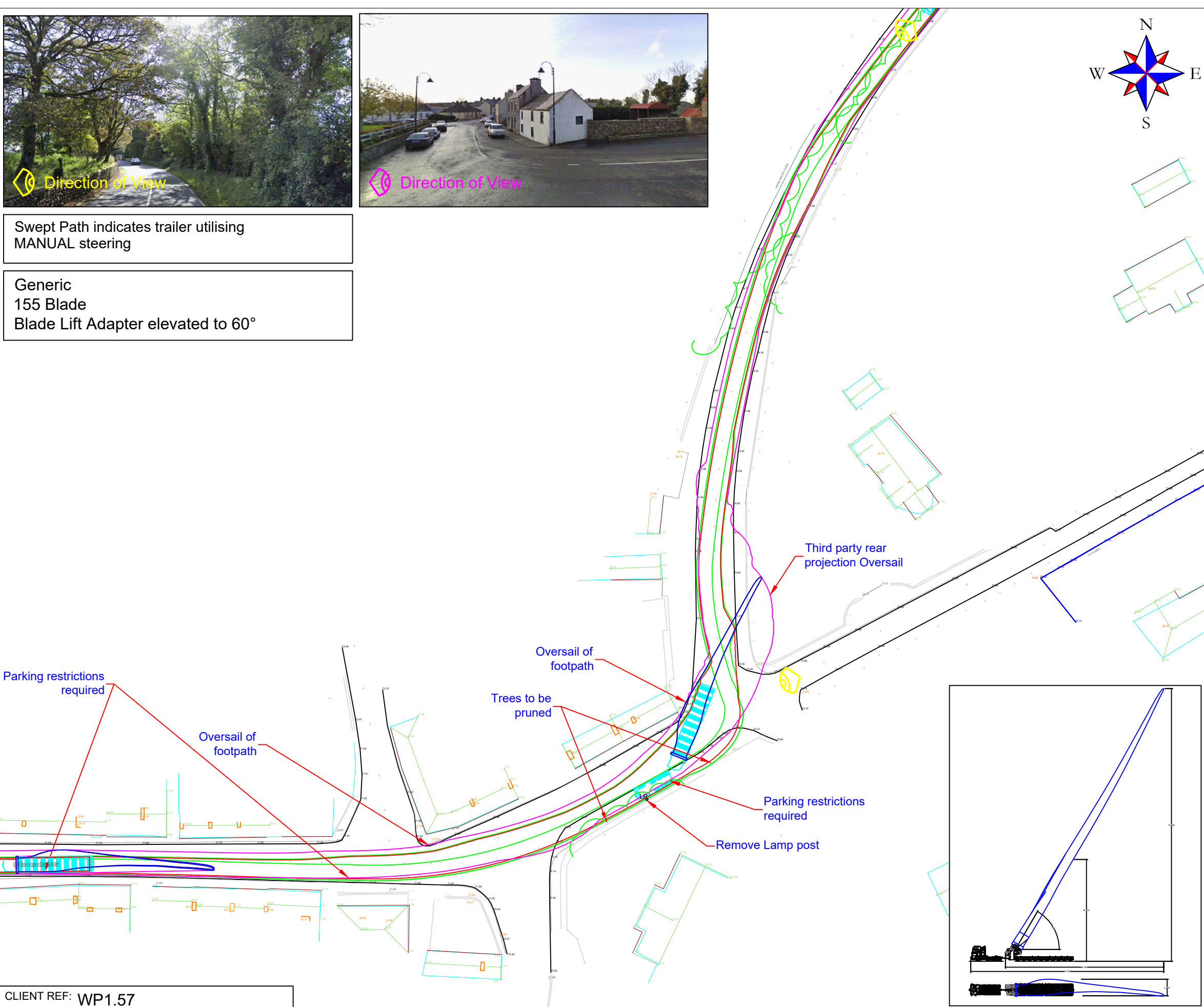


Continue along the R294 to the junction.
Follow the R294 to the right..

****Caution****

- Third party land is required on the nearside of the R294 at the junction with the L51172.
- The loaded component will oversail the footpath on the offside of the R294 after the junction. This will not provide any third-party issues.
- A lamp post on the nearside is to be removed as the head projects out into the swept path.
- Trees on the nearside of the road are to be pruned.
- Temporary parking restrictions will be needed in 2 locations on the nearside to allow the vehicle to manoeuvre through the town.
- Manual steering & utilisation of the full extents of the road will be required at this location.

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- All dimensions in metres.



IRISH Grid Reference: G 33062 18317

- 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

CLIENT REF: WP1.57



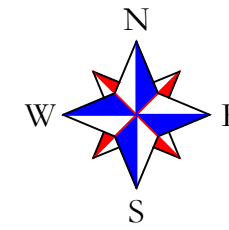
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Victoria Terminal TEL: +44(0)8456 255288
Albert Road FAX: +44(0)8456 255244
Halifax, HX2 0DF WEB: www.collett.co.uk

DRAWN	R. WEBSTER	TITLE	LEFT BEND ON R294, BONNYCONNELLAN		
DATE	10/09/21	MAPPING	PROVIDED BY CLIENT	CUSTOMER	BORD NA MONA
SCALE	1:750	SIZE	A3	PINCH POINT IDENTIFIED BY	CLIENT
			SITE	OWENINNY WIND FARM	DWG. NO. 359222-686B1.1



Swept Path indicates trailer utilising MANUAL steering

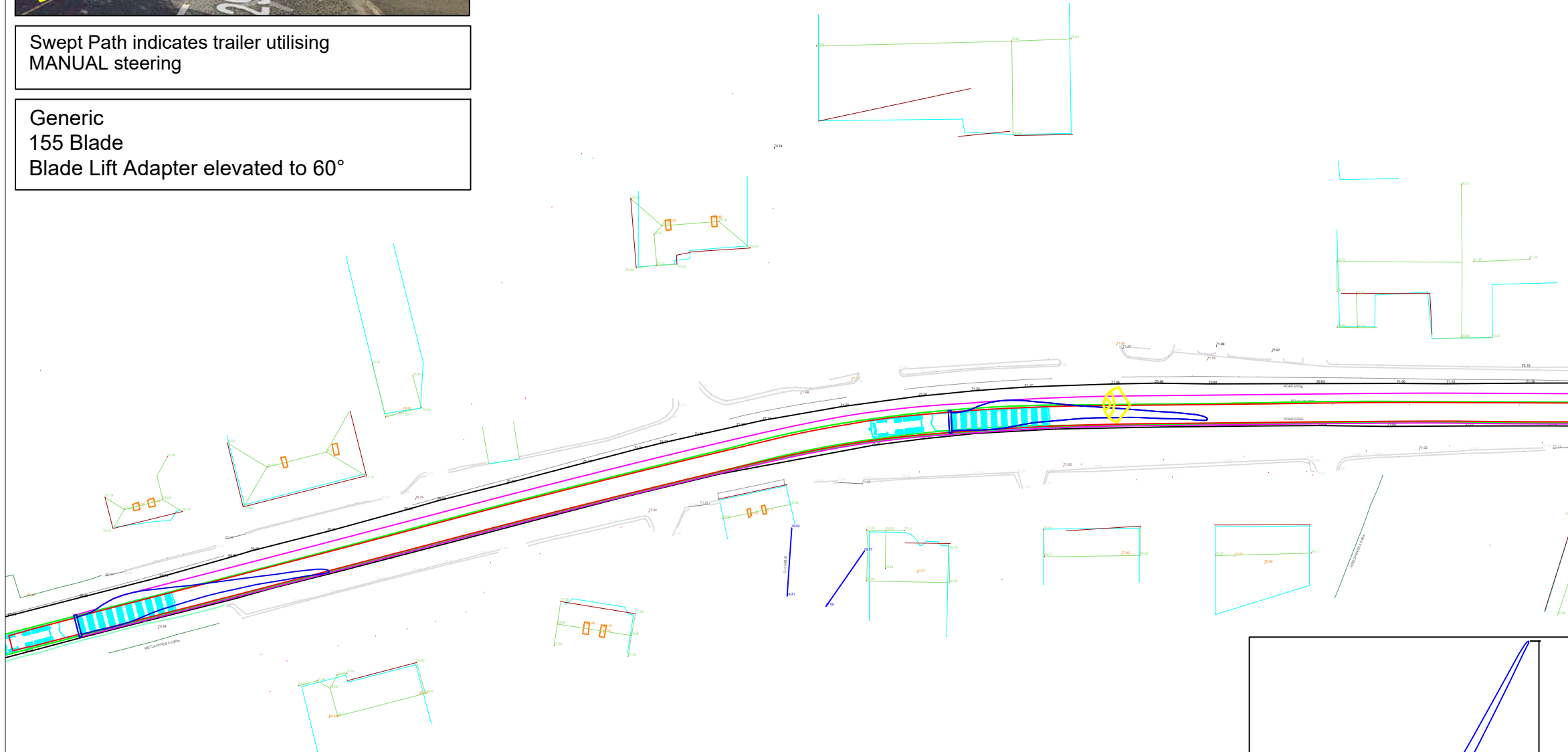
Generic
155 Blade
Blade Lift Adapter elevated to 60°



Continue on the R294..

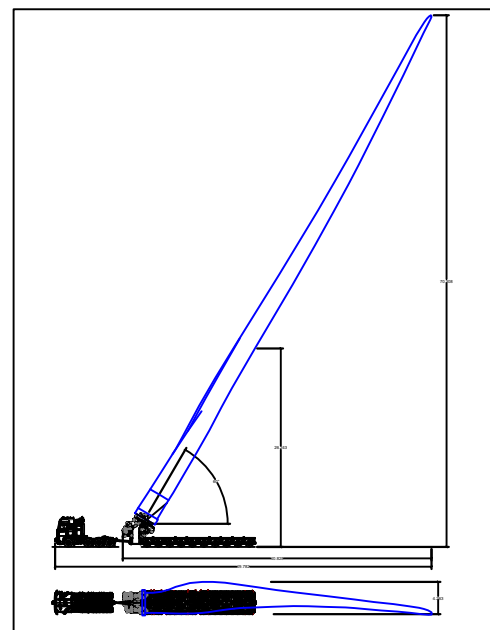
****Caution****

- Manual steering & utilisation of the full extents of the road will be required at this location.



- 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.
- Police escorts and permits will be required for the movement of all of the components. 'Permits for movements' by the LA 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 metres.

IRISH Grid Reference: G 32852 18310



- 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

CLIENT REF: WP1.57



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DRAWN	R. WEBSTER	TITLE	LEFT BEND ON R294, BONNYCONNELLAN		
DATE	10/09/21	MAPPING	PROVIDED BY CLIENT	CUSTOMER	BORD NA MONA
SCALE	1:750	SIZE	A3	PINCH POINT IDENTIFIED BY	CLIENT
			SITE	OWENINNY WIND FARM	DWG. NO. 359222-688B1.1