

Continue to the junction of Wellpark Road & Connolly Avenue. Turn left onto Connolly Avenue.

**\*\*Caution\*\***

- Overrun is required on the offside of Connolly Avenue.
- Oversail will occur on both sides of the R339.
- A lamp post & a traffic light column are to be removed on the nearside of the junction. A traffic light on the offside of Connolly Avenue is to be removed.
- Manual steering is 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 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: M 31793 26674

- 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

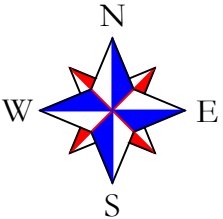


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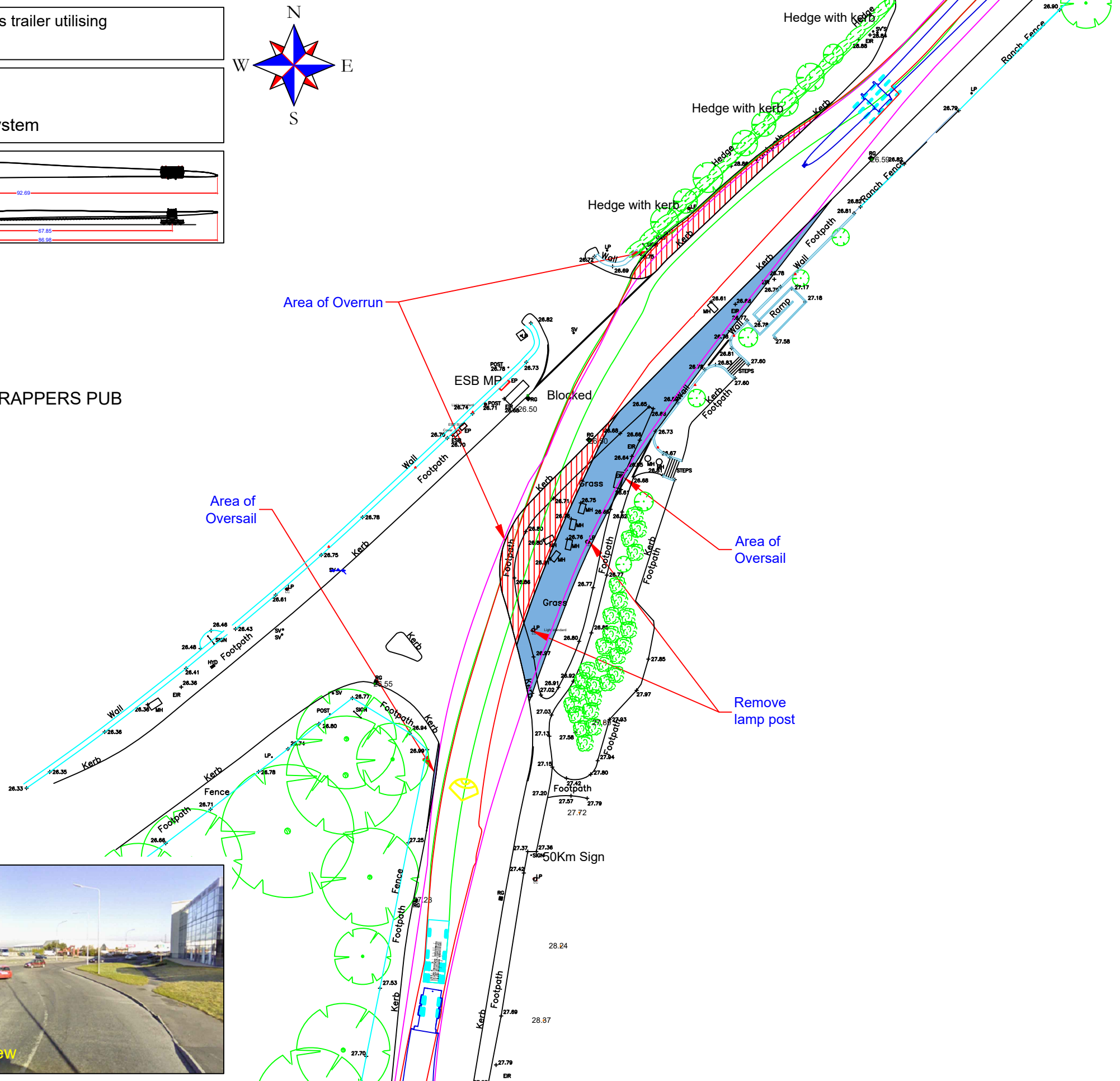
DRAWN	R. WEBSTER	TITLE	JUNCTION OF CONNOLLY AVENUE & MONIVEA ROAD, GALWAY	
DATE	05/04/2023	MAPPING	TOPOGRAPHICAL SURVEY	CUSTOMER
SCALE	1:500	SIZE	A3	PINCH POINT IDENTIFIED BY
			CLIENT	SITE
			SHESKIN & GLENORA	DWG. NO. 348276-045F1.1
				SSE

Swept Path indicates trailer utilising MANUAL steering

Vestas V162 Blade Clamp & Bogie System



TRAPPERS PUB



Continue to junction with Tuam Road. Turn right onto Tuam Road.

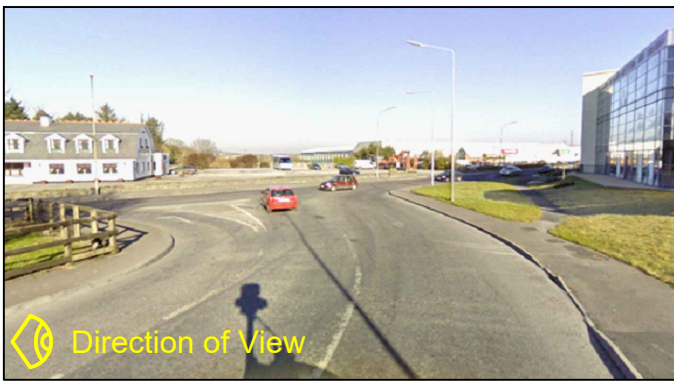
**\*\*Caution\*\***

- Overrun is required on the offside of the junction and the nearside of Tuam Road as indicated by red hatching.
- Oversail will occur on both sides of the junction.
- Two lamp posts are to be removed on the offside of the junction.
- Manual steering is 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.
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- All dimensions in metres.

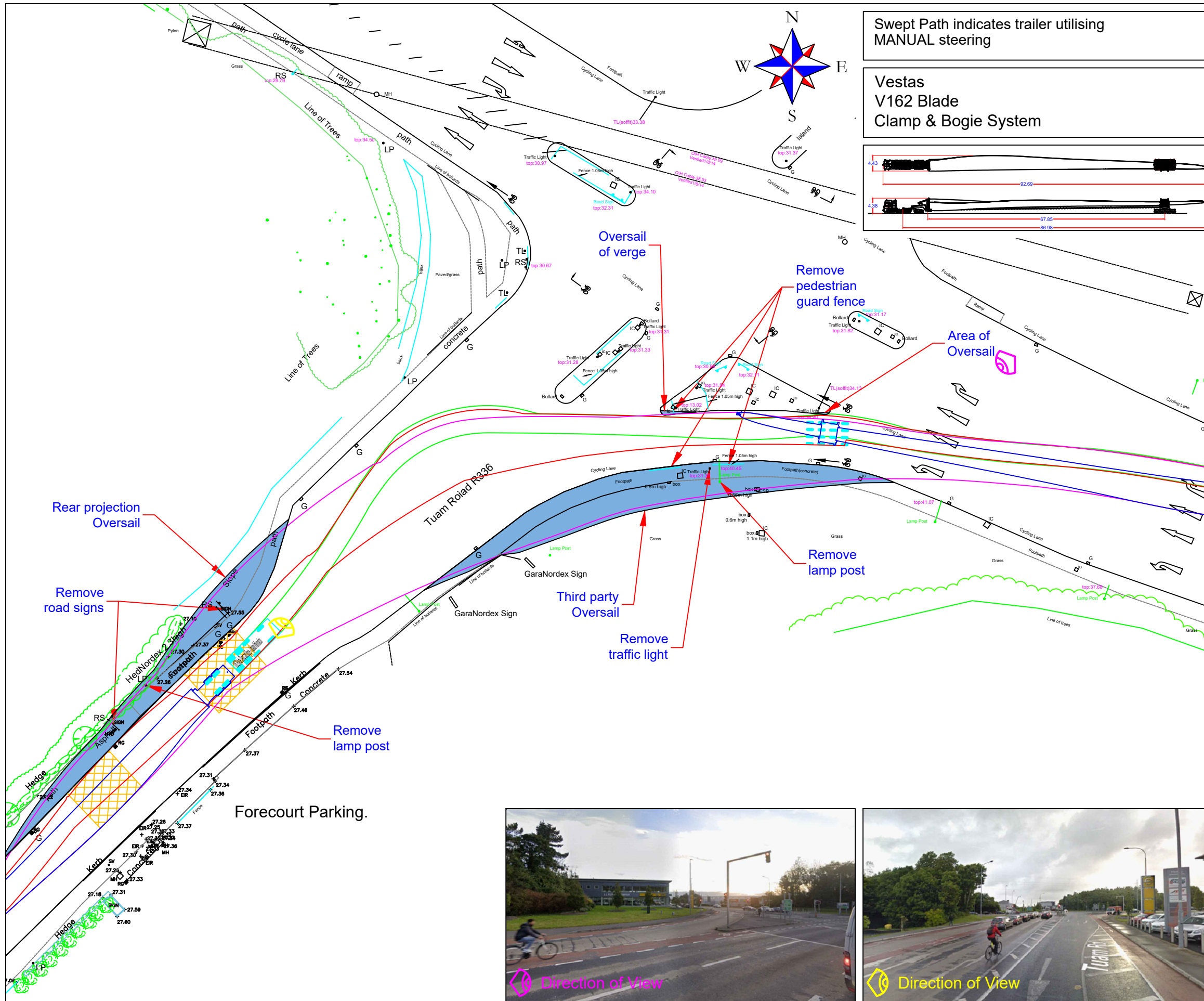
IRISH Grid Reference: M 31840 26979

- 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



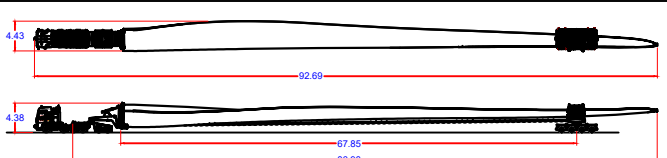
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DRAWN	R. WEBSTER	TITLE		JUNCTION OF CONNOLLY AVENUE & TUAM ROAD, GALWAY	
DATE	05/04/2023	MAPPING	TOPOGRAPHICAL SURVEY	CUSTOMER	SSE
SCALE	1:500	SIZE	A3	PINCH POINT IDENTIFIED BY	CLIENT
			SITE	SHESKIN & GLENORA	DWG. NO. 348276-050F1.1



Swept Path indicates trailer utilising MANUAL steering

Vestas  
V162 Blade  
Clamp & Bogie System



Continue on R336 to junction with N6. At the junction turn right by contraflowing the N6 exit lane.  
**\*\*Caution\*\***

- Third party land is required on the offside of the slip lane to allow the loaded component to oversail during the manoeuvre.
- Oversail will occur on the offside of the R336 and the offside of the junction as the vehicle contraflows the N6 exit. Oversail is indicated by areas of solid blue shading.
- Street furniture is to be removed where indicated.
- Manual steering & utilisation of the full extents of the road are required at this location.

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IRISH Grid Reference: M 31840 26979

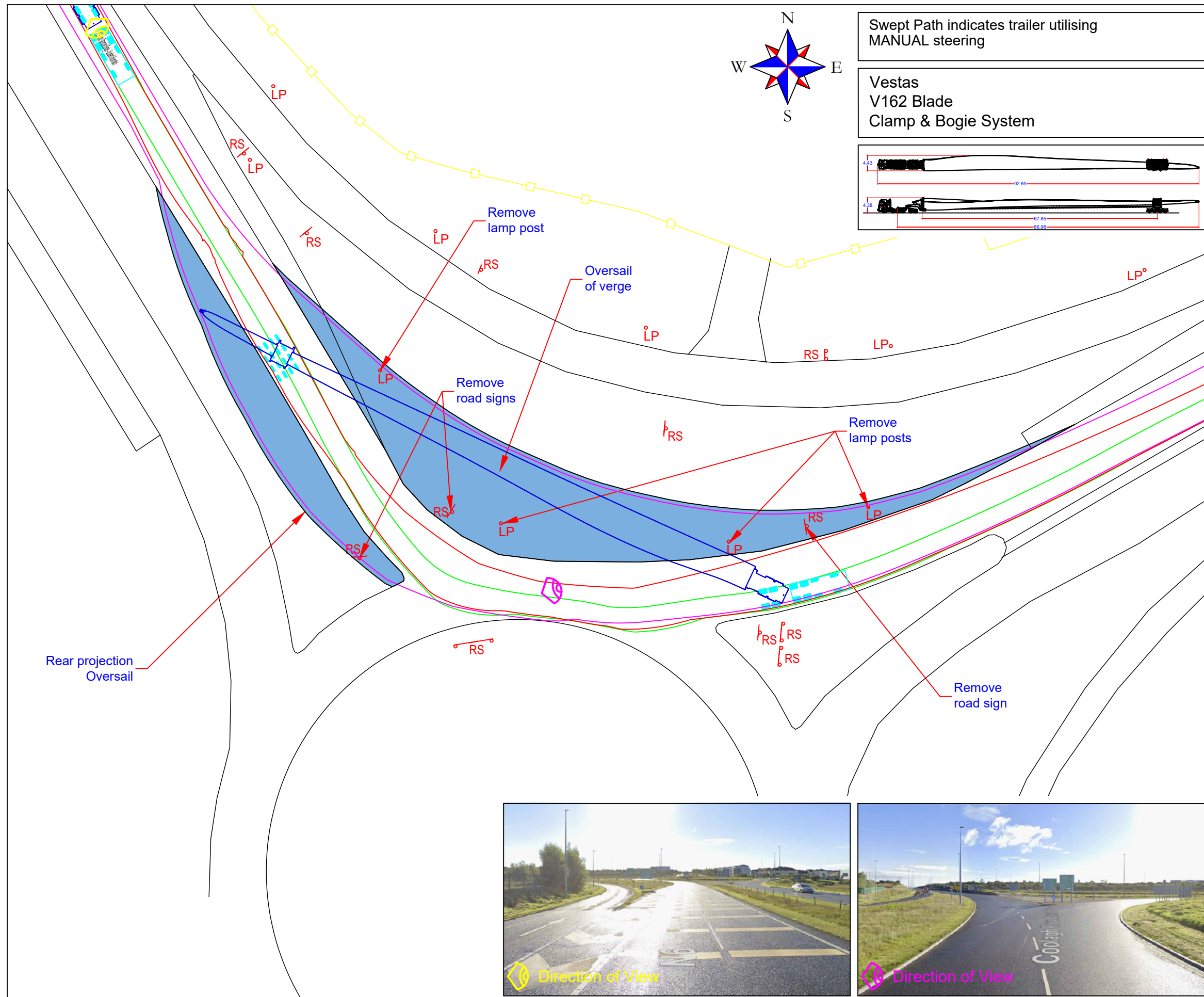
- Area within red outline will be swept by tractor and trailer axles
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- Area within magenta outline will be oversailed by load and projections
- Area within green outline will be oversailed by trailer body



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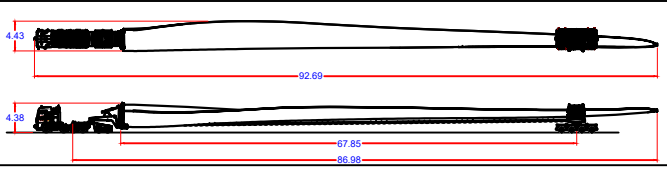
DRAWN R. WEBSTER  
 DATE 05/04/2023  
 SCALE 1:500 SIZE A3

TITLE JUNCTION OF TUAM ROAD (R336) & N6, GALWAY  
 MAPPING TOPOGRAPHICAL SURVEY CUSTOMER SSE  
 PINCH POINT IDENTIFIED BY COLLETT SITE SHESKIN & GLENORA DWG. NO. 348276-055F1.1



Swept Path indicates trailer utilising MANUAL steering

Vestas  
V162 Blade  
Clamp & Bogie System



Continue on N6. Ignore the slip road that bypasses the roundabout. At the roundabout, take the first exit, continuing on N6 towards Dublin.

- \*\*Caution\*\***
- Oversail will occur on both sides of the roundabout entry.
  - Street furniture is to be removed where indicated.
  - Manual steering & utilisation of the full extents of the road are required at this location.
  - A topographical survey would be recommended at this location to confirm the full extents of any modifications required.

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IRISH Grid Reference: M 34737 26588

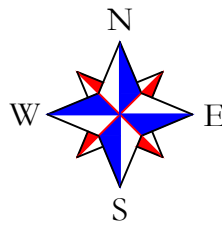
- Area within red outline will be swept by tractor and trailer axles
- ▨ Hatched area within red outline to be levelled and prepared to accept axle loadings
- Area within magenta outline will be oversailed by load and projections
- Area within green outline will be oversailed by trailer body



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DRAWN R. WEBSTER  
DATE 05/04/2023  
SCALE 1:500 SIZE A3

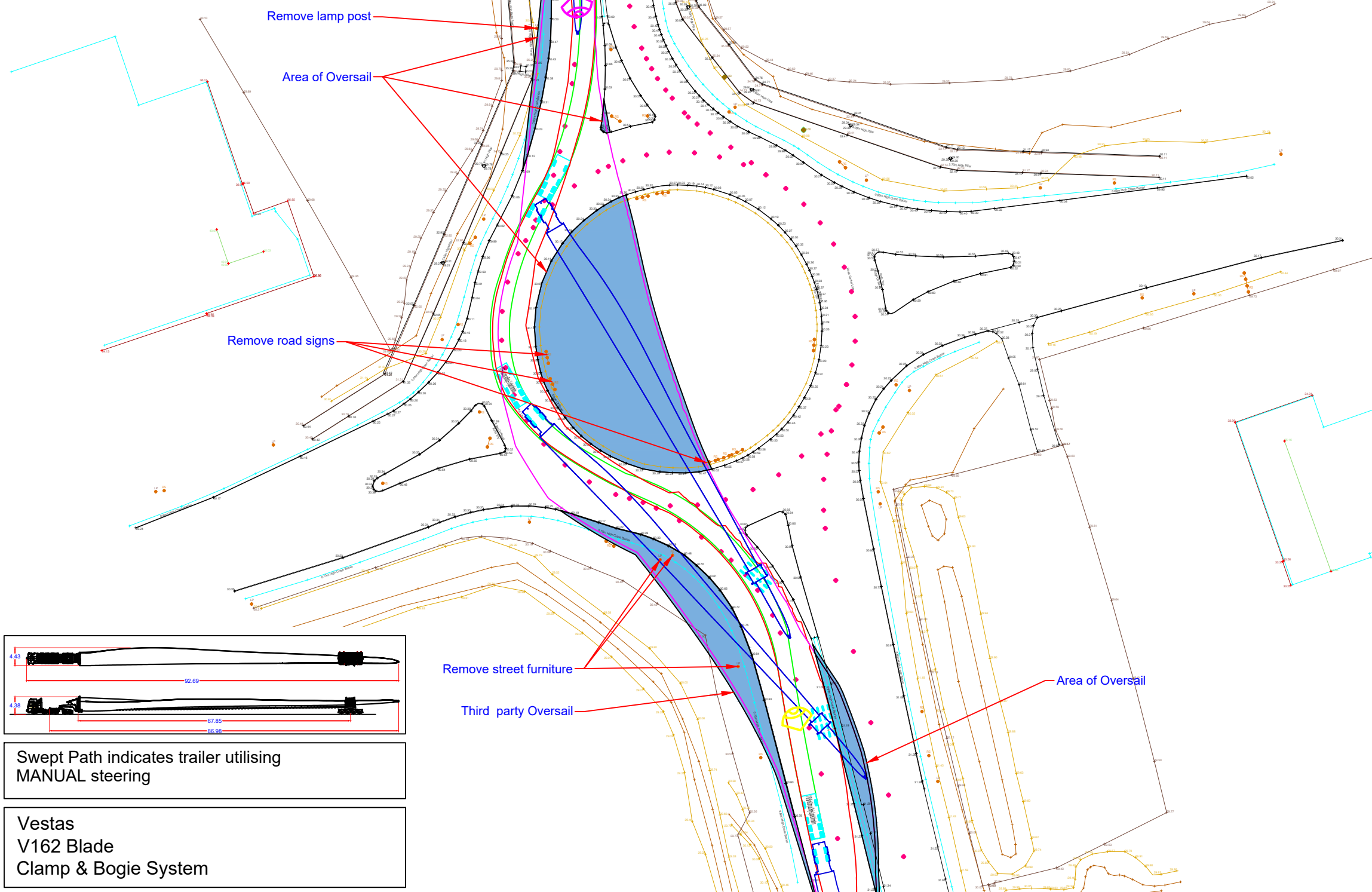
TITLE COOLAGH ROUNDABOUT - N6, GALWAY  
MAPPING AERIAL IMAGERY CUSTOMER SSE  
PINCH POINT IDENTIFIED BY COLLETT SITE SHESKIN & GLENORA DWG. NO. 348276-056F1.1



Continue on N17. At the roundabout, continue straight ahead on the N17.

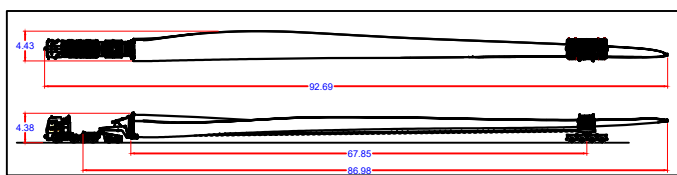
**\*\*Caution\*\***

- Third party Oversail will occur on the nearside of the entry to the roundabout.
- Further Oversail will occur on both sides of the entry and exits of the roundabout, and the roundabout island. Oversail is shown indicated by blue shading.
- Street furniture is to be removed where indicated.
- Manual steering & utilisation of the full extents of the road are required at this location.



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IRISH Grid Reference: M 41754 51141



Swept Path indicates trailer utilising MANUAL steering

Vestas  
V162 Blade  
Clamp & Bogie System

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



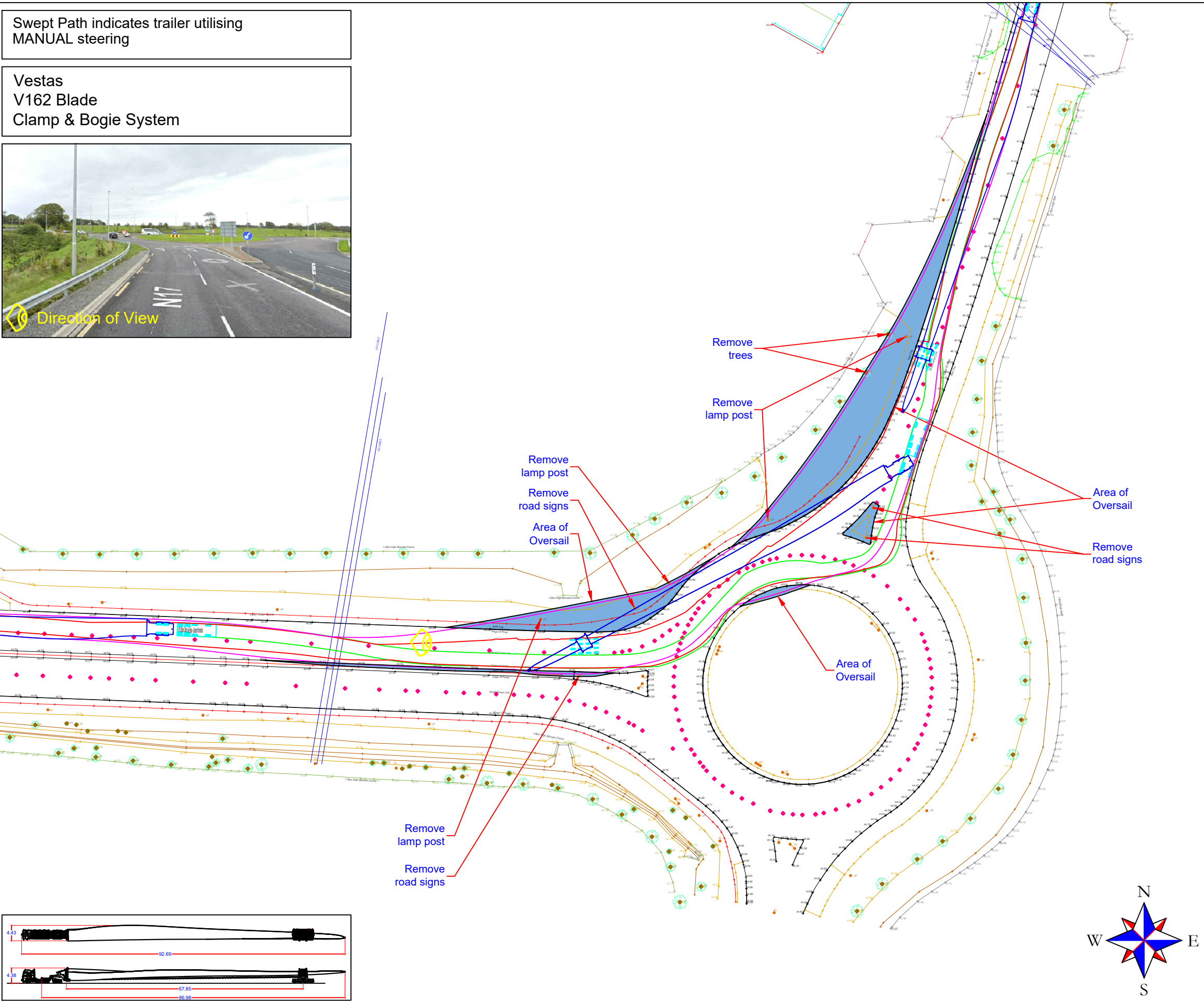
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DRAWN R. WEBSTER  
DATE 05/04/2023  
SCALE 1:750 SIZE A3

TITLE	KILMORE ROUNDABOUT - M17/N83, TUAM		
MAPPING	AERIAL IMAGERY	CUSTOMER	SSE
PINCH POINT IDENTIFIED BY	COLLETT	SITE	SHESKIN & GLENORA
		DWG. NO.	348276-057F1.1

Swept Path indicates trailer utilising MANUAL steering

Vestas  
V162 Blade  
Clamp & Bogie System



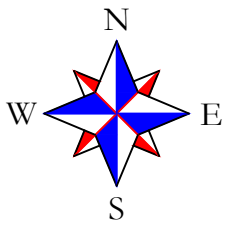
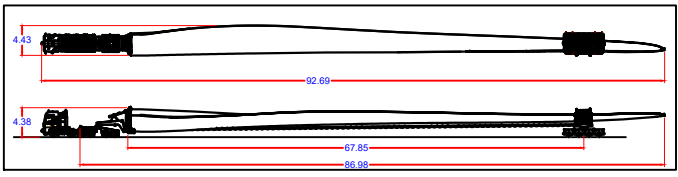
Continue on N83. At the roundabout, take first exit on the left, continuing onto N17 towards Sligo.  
**\*\*Caution\*\***

- Oversail will occur on the nearside entry and exits, the entry splitter island, exit splitter island and the roundabout island as indicated by blue shading.
- Street furniture is to be removed where indicated.
- Trees on the nearside are to be removed.
- Manual steering is required at this location.

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IRISH Grid Reference: M 43887 54081

- 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



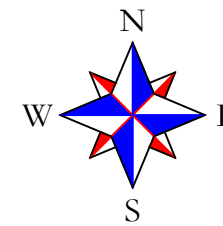
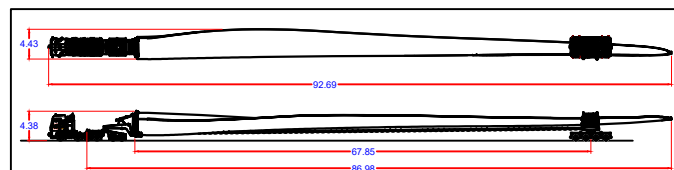
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DRAWN R. WEBSTER  
DATE 06/04/2023  
SCALE 1:750 SIZE A3

TITLE	MOUNTPOTTER ROUNDABOUT, TUAM		
MAPPING TOPOGRAPHICAL SURVEY	CUSTOMER	SSE	
PINCH POINT IDENTIFIED BY	CLIENT	SITE	SHESKIN & GLENORA
			DWG. NO. 348276-070F1.1

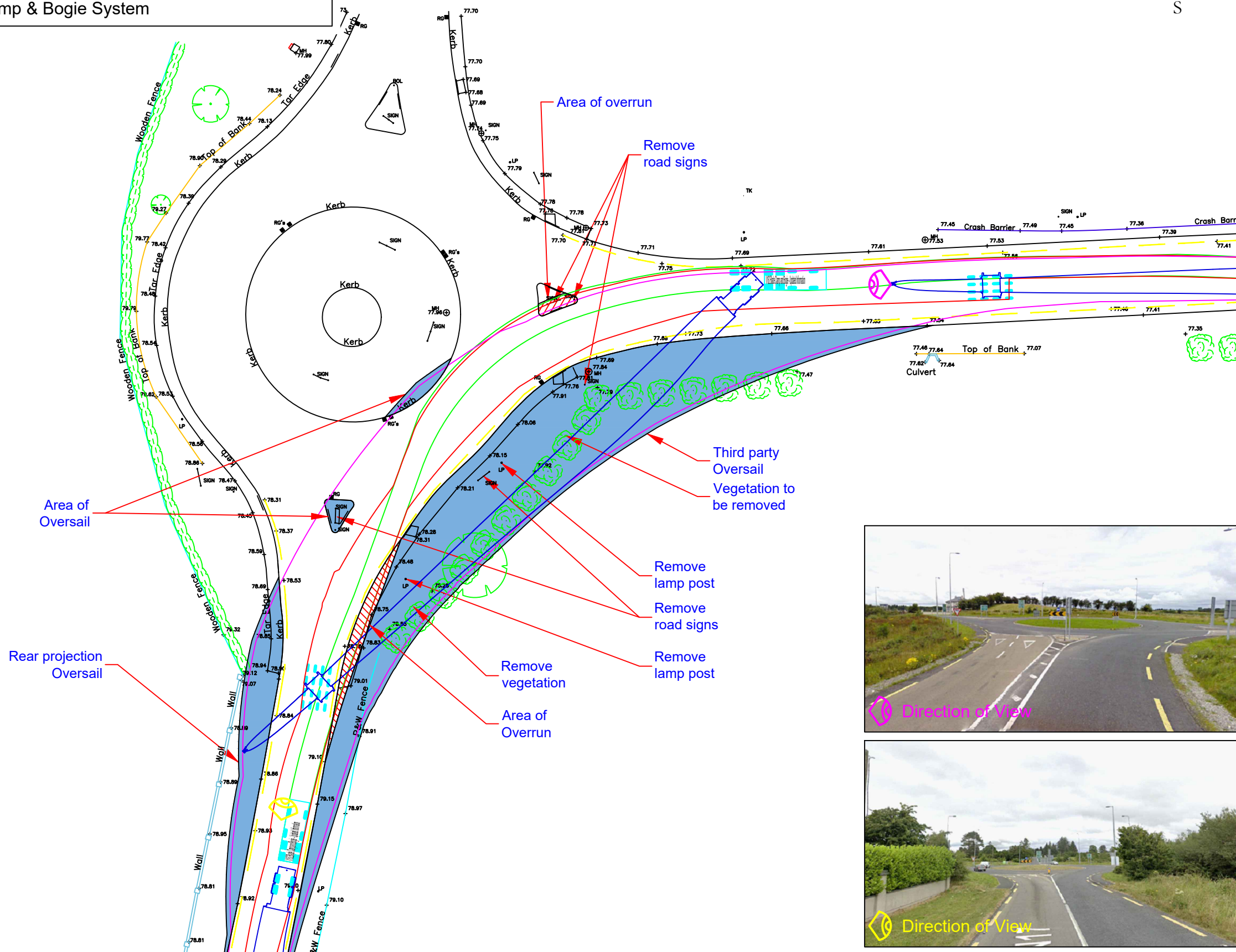
Swept Path indicates trailer utilising MANUAL steering

Vestas  
V162 Blade  
Clamp & Bogie System



Continue on N17. Contraflow the entry to Bracklagh roundabout, taking the exit on the left onto the N5 sliproad towards Westport  
**\*\*Caution\*\***

- Third party land is required on the offside of the roundabout exit to allow the load to oversail.
- Overrun will occur on the offside of the roundabout entry and exit splitter island. Overrun is indicated by red hatching.
- Oversail will occur in the areas marked in solid blue.
- Street furniture is to be removed where indicated.
- Vegetation is to be removed on the offside as indicated.
- Manual steering & utilisation of the full extents of the road are required at this location.



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IRISH Grid Reference: G 47957 00432

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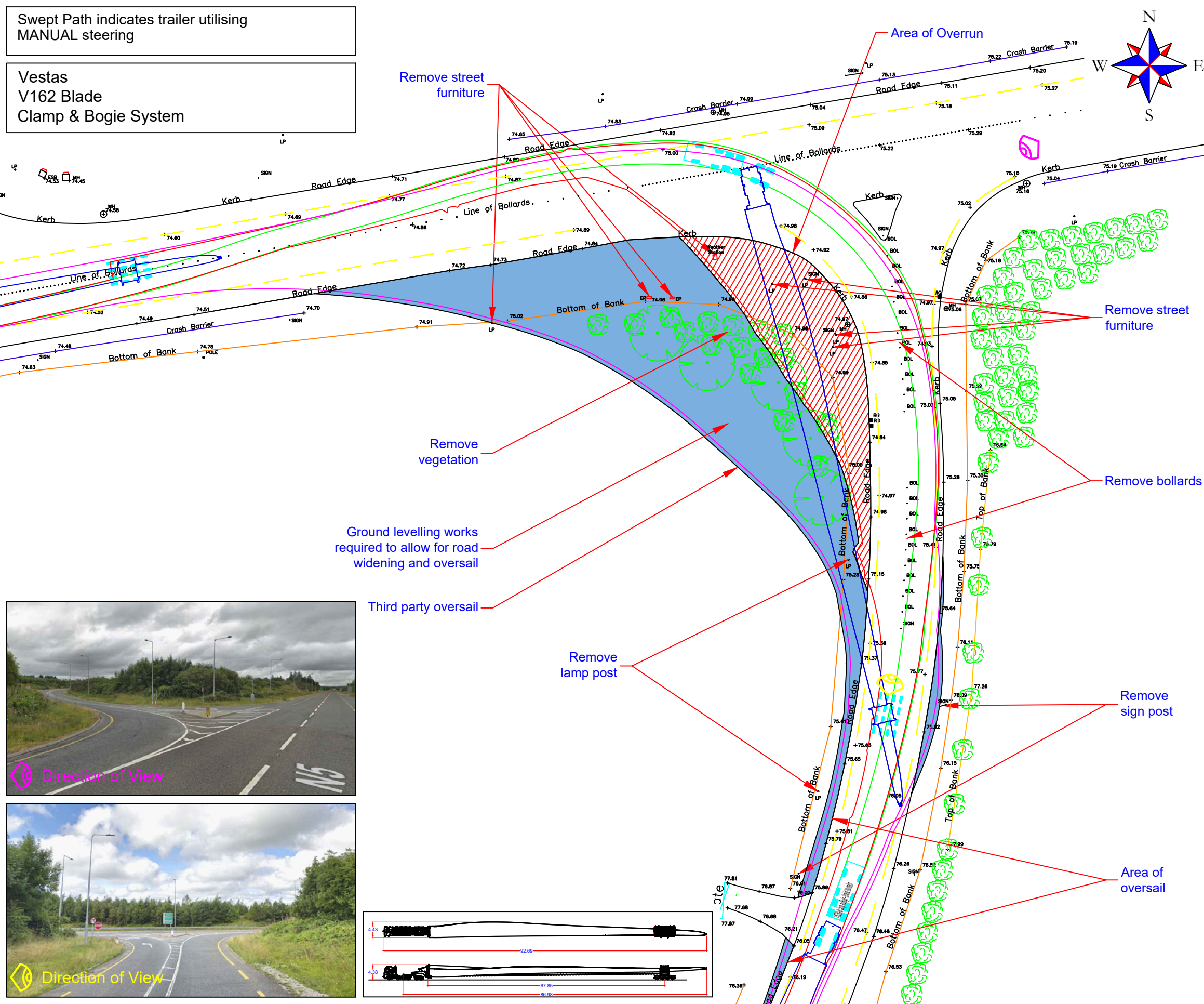
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DRAWN R. WEBSTER  
DATE 06/04/2023  
SCALE 1:500 SIZE A3

TITLE BRACKLAGH ROUNDABOUT - N17/ N5 SLIPROAD , CHARLESTOWN  
MAPPING TOPOGRAPHICAL SURVEY CUSTOMER SSE  
PINCH POINT IDENTIFIED BY CLIENT SITE SHESKIN & GLENORA DWG. NO. 348276-100F1.1

Swept Path indicates trailer utilising MANUAL steering

Vestas V162 Blade Clamp & Bogie System



Continue on the slip road, Heading Westbound on N5 towards Westport.

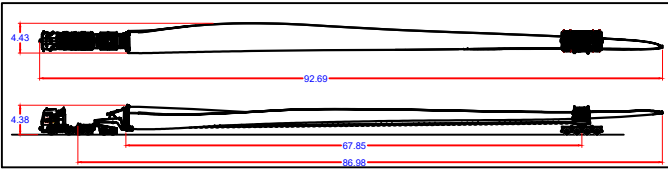
**\*\*Caution\*\***

- Third party land is required on the nearside of the junction. Ground levelling works and the removal of vegetation is required to allow the loaded component to oversail on the nearside.
- Overrun will occur third party land on the nearside to enable the loaded component to execute the left turn.
- The rear projection of the blade will oversail on the offside of the sliproad.
- Identified street furniture is to be removed.
- The east bound carriageway is to be infringed as the vehicle enters the N5.
- Manual steering and utilisation of the full extents of the road will be required to navigate the loaded component at this location.

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IRISH Grid Reference: G 48432 00802

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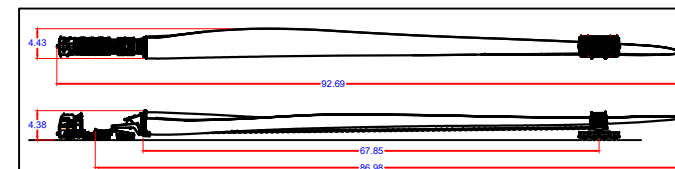
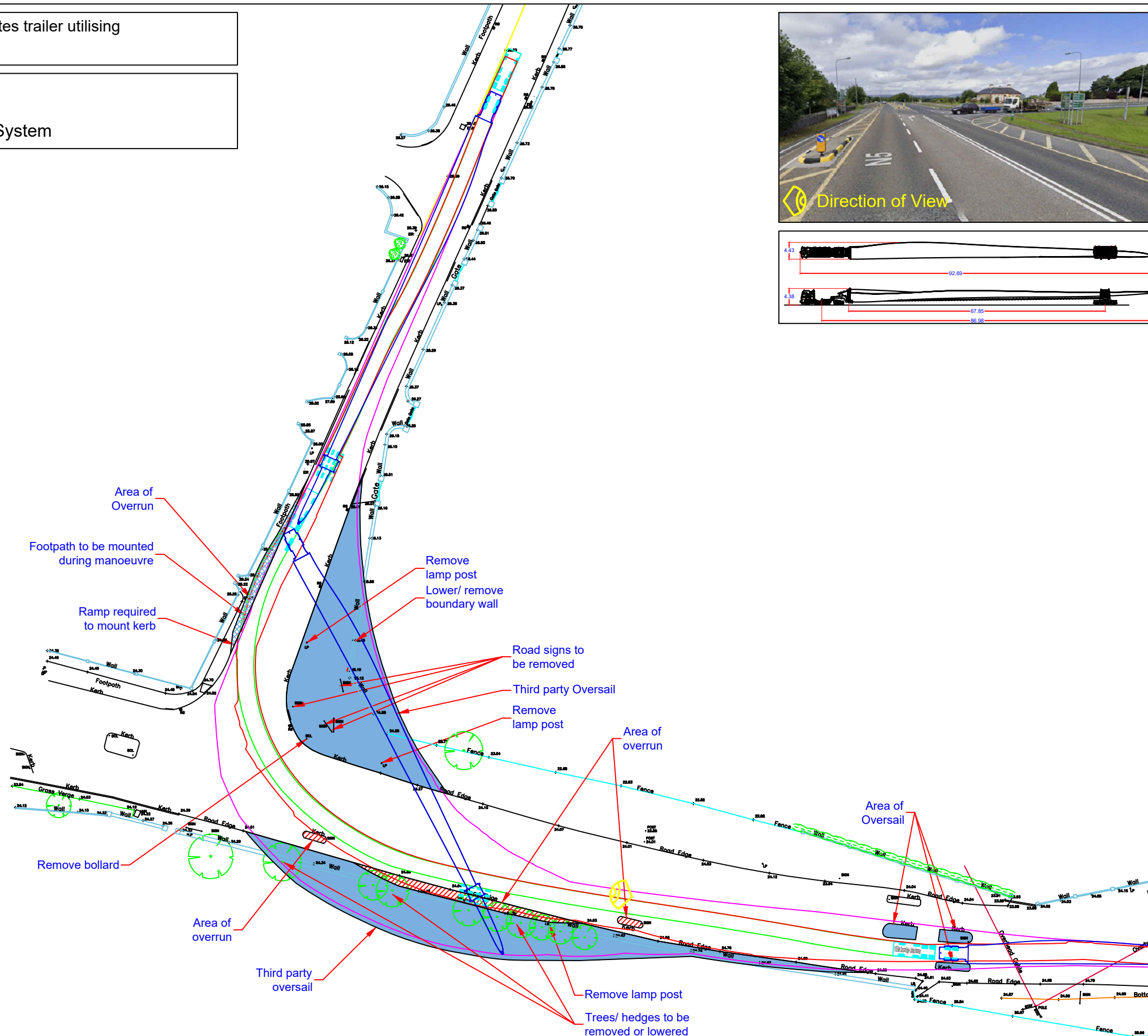
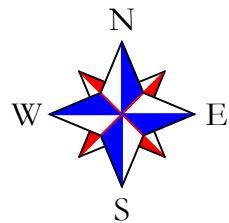
DRAWN R. WEBSTER  
 DATE 11/04/2023  
 SCALE 1:500 SIZE A3

TITLE WESTBOUND N5 SLIPROAD FROM N17, CHARLESTOWN  
 MAPPING TOPOGRAPHICAL SURVEY  
 PINCH POINT IDENTIFIED BY CLIENT  
 CUSTOMER SHESKIN & GLENORA  
 SITE DWG. NO. 348276-110F1.1  
 SSE



Swept Path indicates trailer utilising MANUAL steering

Vestas  
V162 Blade  
Clamp & Bogie System



Continue to junction of N5 & N58. Turn right onto N58.

**\*\*Caution\*\***

- Third party land will be required on both sides of the junction of the N5 to allow the load to oversail.
- Overrun will occur on the nearside of the N5 and 2 traffic islands as defined by red hatching.
- All areas of oversail are indicated by regions of solid blue shading.
- Two lamp posts and four road signs on the grass verge on the offside of the junction of the N5 and the N58 and a lamp post on the nearside on the N5 are required to be removed.
- Trees/ hedgerows to be pruned on the nearside of the N5 to allow the rear projection to oversail the verge.
- Manual steering & utilisation of the full extents of the road are 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: M 24484 94640

- 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



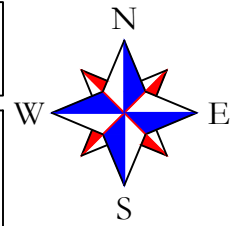
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DRAWN R. WEBSTER  
DATE 11/04/2023  
SCALE 1:750 SIZE A3

TITLE N5 JUNCTION WITH N58, BALLYVARY (OPTION 2)  
MAPPING TOPOGRAPHICAL SURVEY CUSTOMER SSE  
PINCH POINT IDENTIFIED BY CLIENT SITE SHESKIN & GLENORA DWG. NO. 348276-120F1.2

Swept Path indicates trailer utilising MANUAL steering

Vestas  
V162 Blade  
MK4 Blade Lift Adapter elevated to 60°



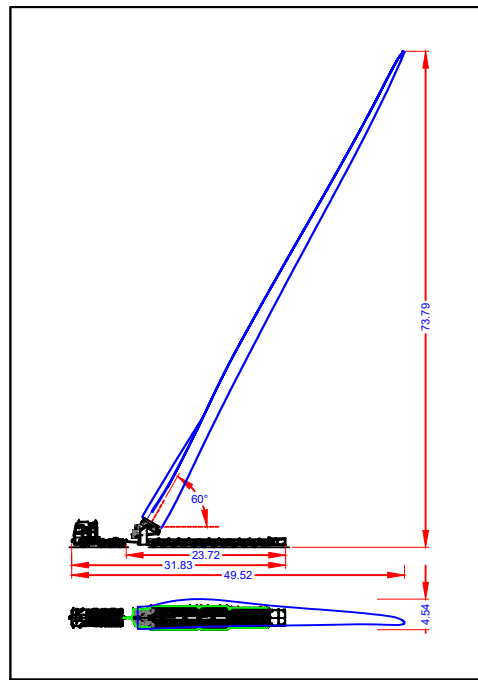
Third party Oversail

Area of Oversail

Area of overrun

Oversail of footpath

Temporarily relocate overhead wires



Continue on N58, turning right to stay on N58 and avoid Main Street.

**\*\*Caution\*\***

- Third party land is required on the nearside of the N58 prior to the the right turn to allow the rear projection to oversail.
- Overrun will occur on the nearside of the junction as indicated by red hatching.
- Further Oversail will occur on the offside of the junction. Oversail is indicated by solid blue shading.
- Overhead wires crossing the N58 are to be temporarily relocated.
- Manual steering is 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 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 26833 03946

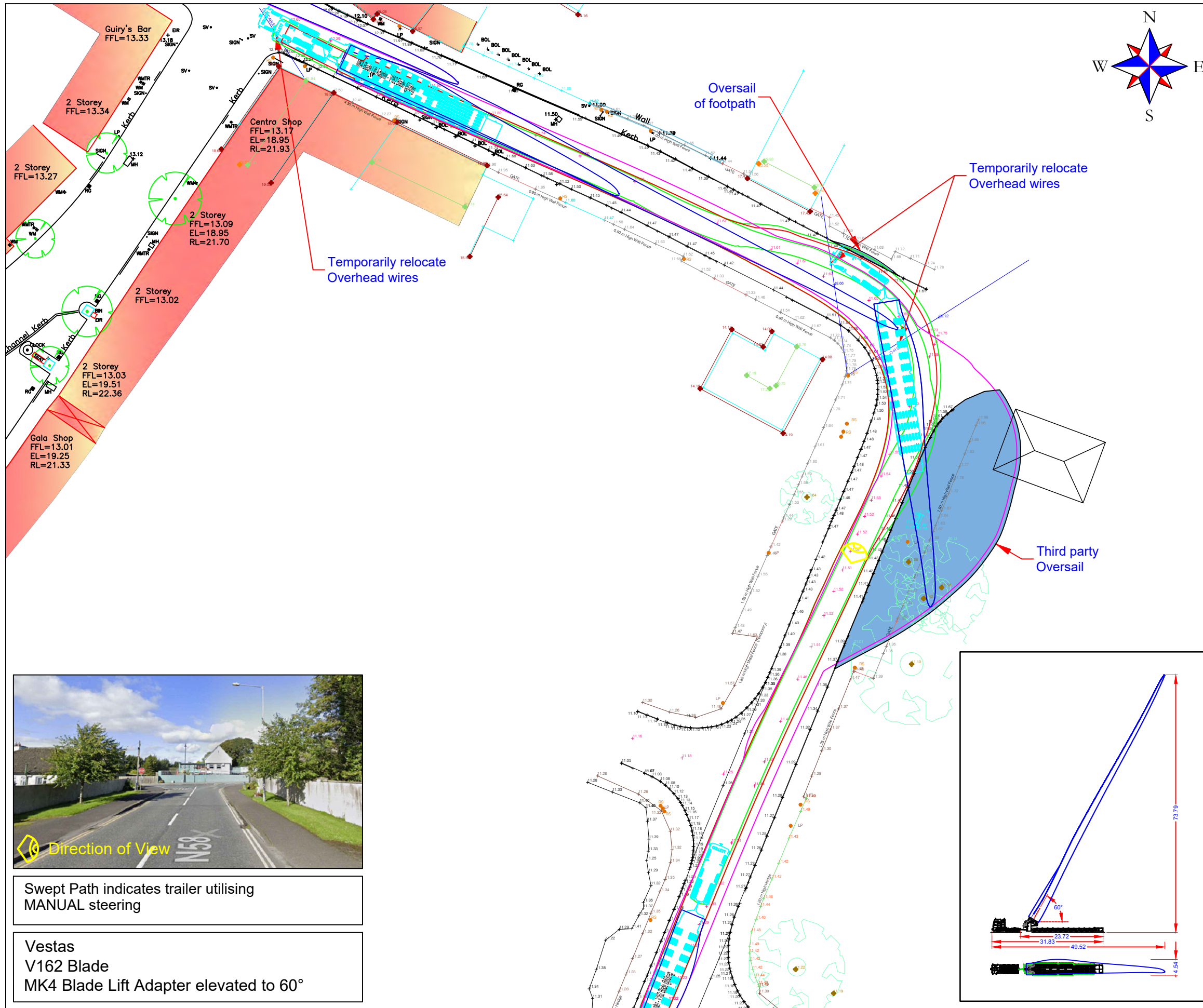
- Area within red outline will be swept by tractor and trailer axles
- ▨ Hatched area within red outline to be levelled and prepared to accept axle loadings
- Area within magenta outline will be oversailed by load and projections
- Area within green outline will be oversailed by trailer body



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DRAWN R. WEBSTER  
DATE 12/04/2023  
SCALE 1:500 SIZE A3

TITLE RIGHT TURN ON N58, FOXFORD  
MAPPING TOPOGRAPHICAL SURVEY CUSTOMER SSE  
PINCH POINT IDENTIFIED BY CLIENT SITE SHESKIN & GLENORA DWG. NO. 348276-141G1.1



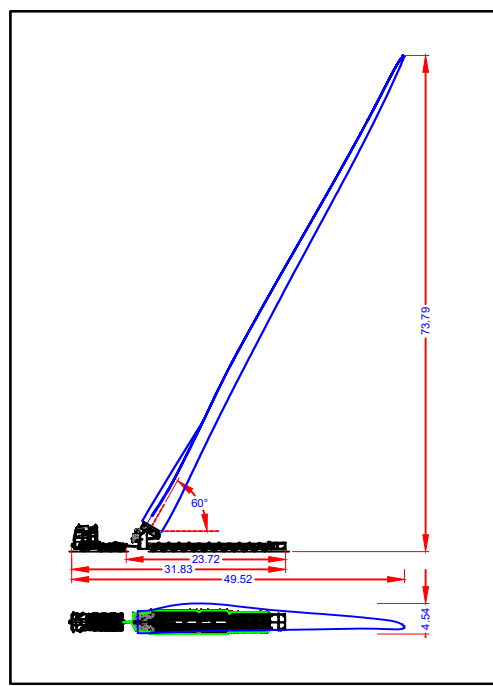
Continue on N58. Turn left at the junction with the N26.

- \*\*Caution\*\***
- Third party land is required on the offside of the N58 to allow the rear projection to oversail.
  - Oversail will occur in the areas marked in solid blue shading.
  - Overhead wires crossing the route are to be temporarily relocated.
  - Manual steering & utilisation of the full extents of the road are 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 highway 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.
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- All dimensions in metres.

IRISH Grid Reference: G 27042 04042

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



Swept Path indicates trailer utilising MANUAL steering

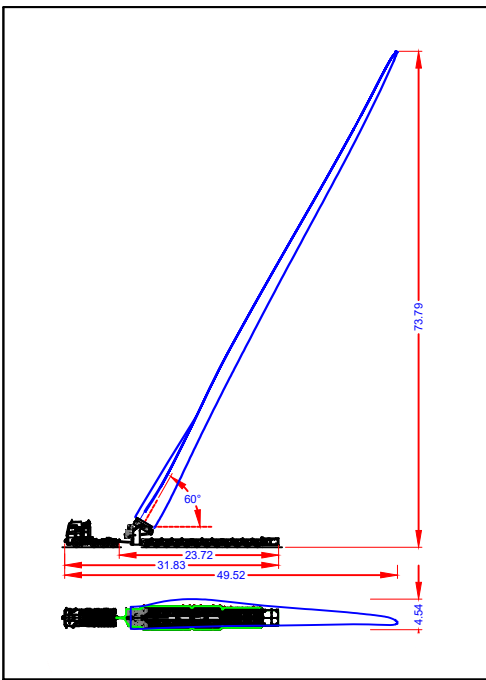
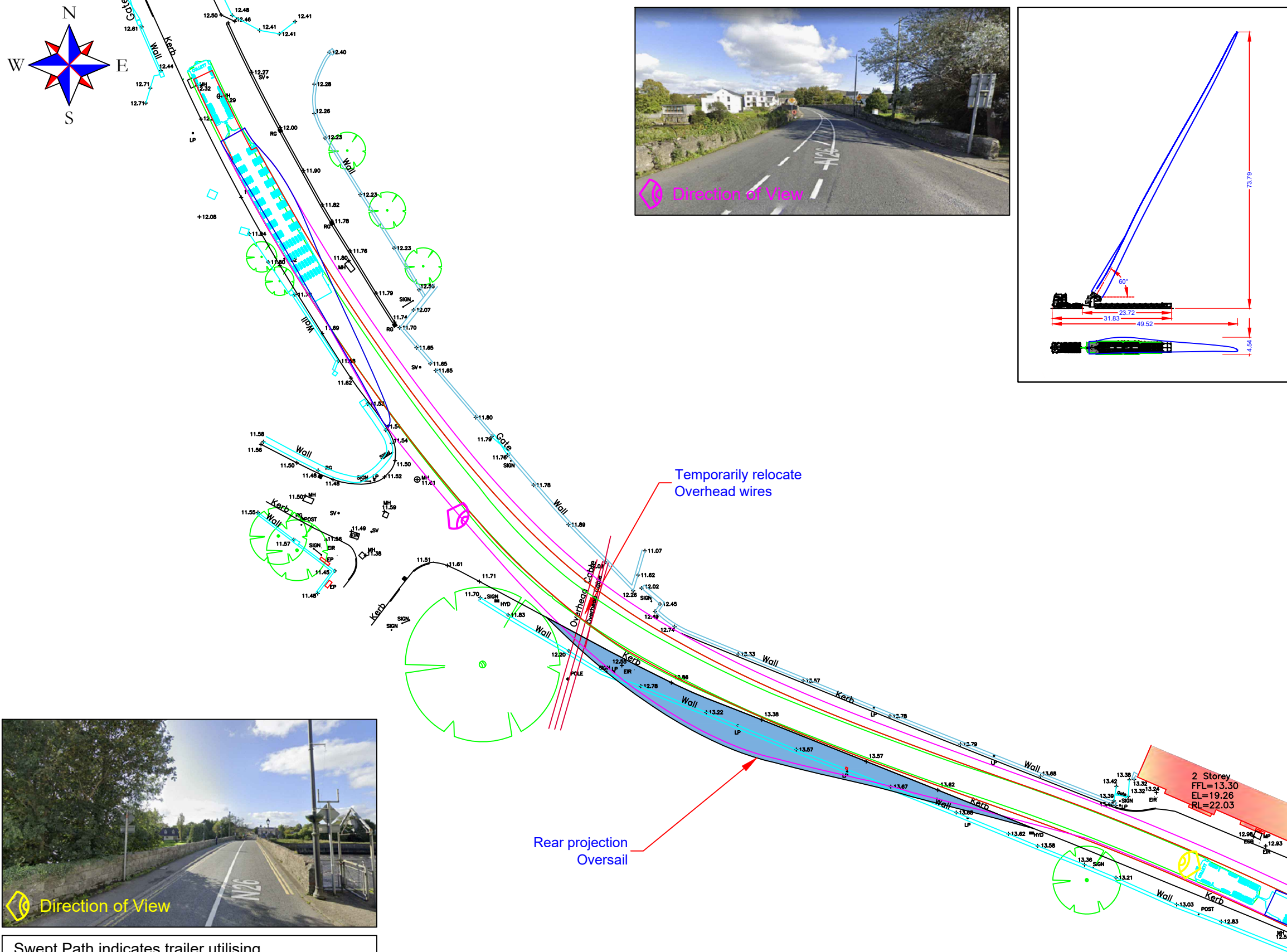
Vestas  
V162 Blade  
MK4 Blade Lift Adapter elevated to 60°



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DRAWN R. WEBSTER  
DATE 12/04/2023  
SCALE 1:500 SIZE A3

TITLE JUNCTION OF R58 AND N26, FOXFORD  
MAPPING TOPOGRAPHICAL SURVEY CUSTOMER SSE  
PINCH POINT IDENTIFIED BY CLIENT SITE SHESKIN & GLENORA DWG. NO. 348276-142G1.1

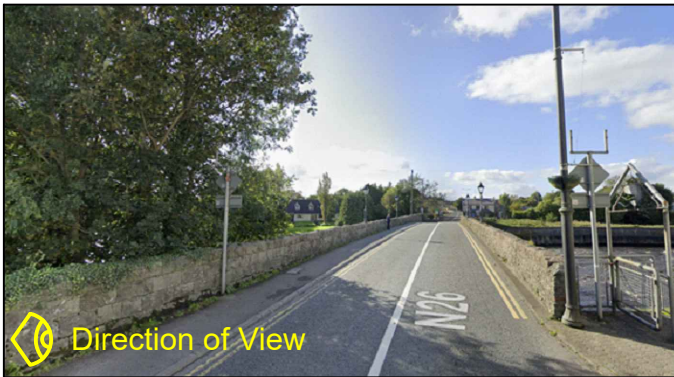


Continue on N26

**\*\*Caution\*\***

- Rear projection oversail will occur on the near side of the bridge as demarked in solid blue shading.
- Overhead wires crossing the road are to be temporarily relocated to allow the elevated blade unobstructed access through the airspace.
- Manual steering & utilisation of the full extents of the road are 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.
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- All dimensions in metres.



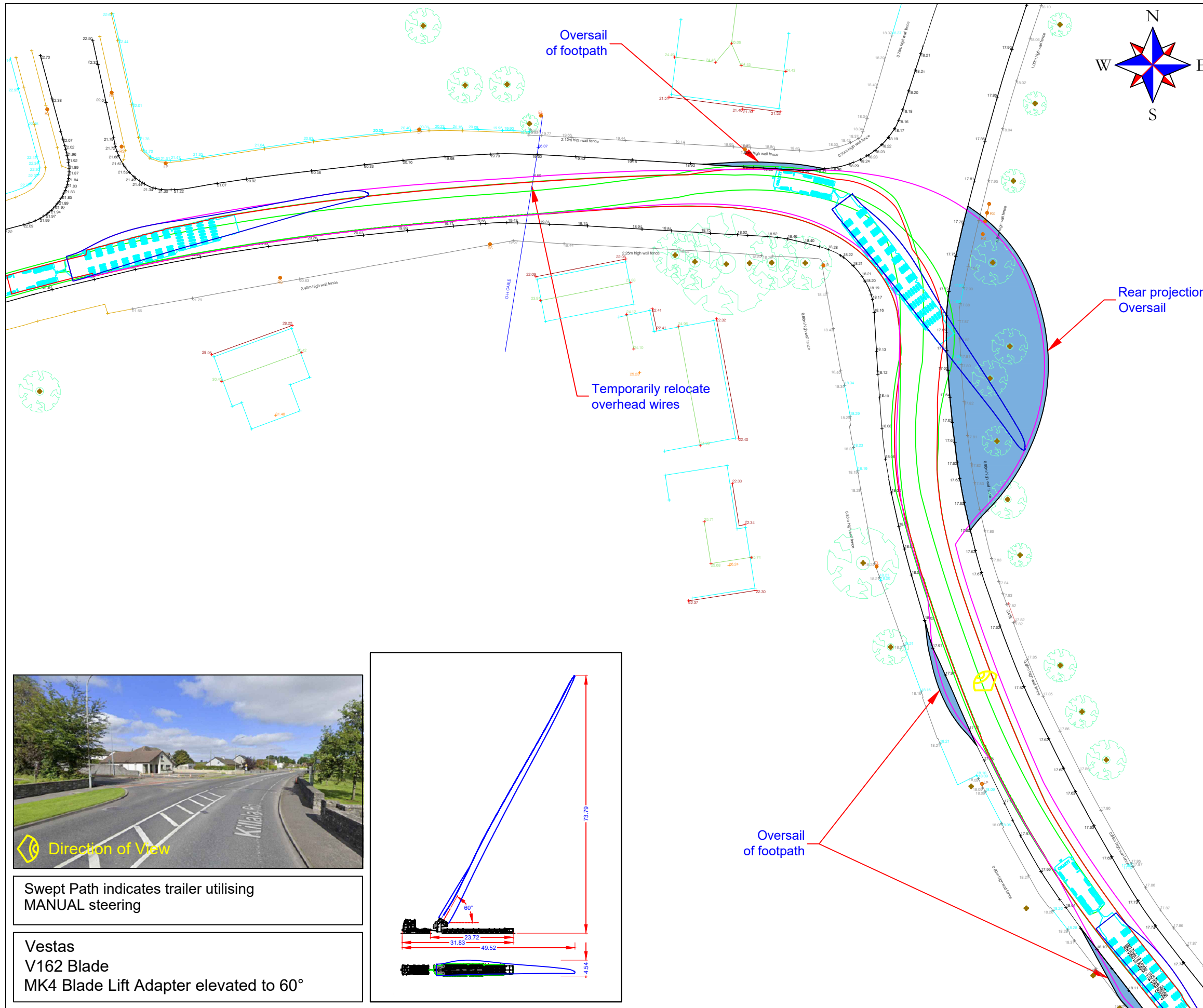
Swept Path indicates trailer utilising MANUAL steering

Vestas  
V162 Blade  
MK4 Blade Lift Adapter elevated to 60°

IRISH Grid Reference: G 26820 04152

- 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

	<b>COLLETT &amp; SONS LIMITED</b> 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 12/04/2023 SCALE 1:500 SIZE A3	TITLE RIVER MOY BRIDGE CROSSING ON N26, FOXFORD MAPPING TOPOGRAPHICAL SURVEY PINCH POINT IDENTIFIED BY CLIENT	CUSTOMER SSE SITE SHESKIN & GLENORA DWG. NO. 348276-143G1.1
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Continue on the R314. Turn left onto SIY Ectra at the junction.

- \*\*Caution\*\***
- Rear projection Oversail required on the offside of the R314. The oversail area appears to be public open space and have assumed there are no third party issues. Clarification should be sought.
  - Further oversail will occur on the nearside of the R314 and the offside of SIY Ectra. Oversail is demarked in solid blue shading.
  - Overhead wires crossing SIY Ectra are to be temporarily relocated.
  - Manual steering and utilisation of the full extents of the road are 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.
- 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.
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- All dimensions in metres.

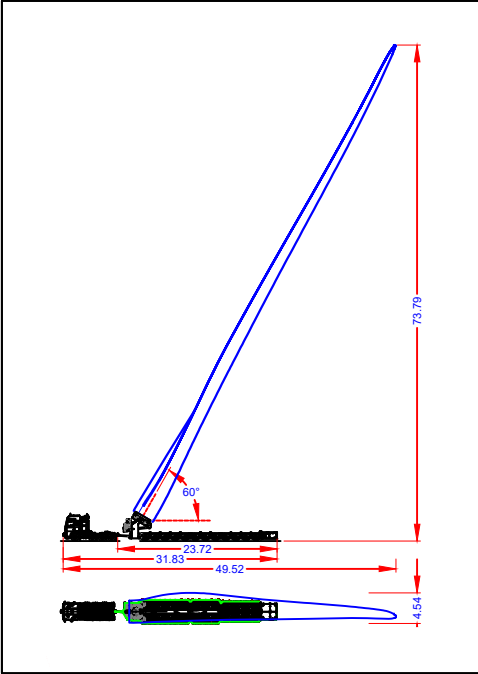
IRISH Grid Reference: G 24029 19779

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



Swept Path indicates trailer utilising MANUAL steering

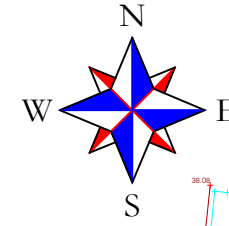
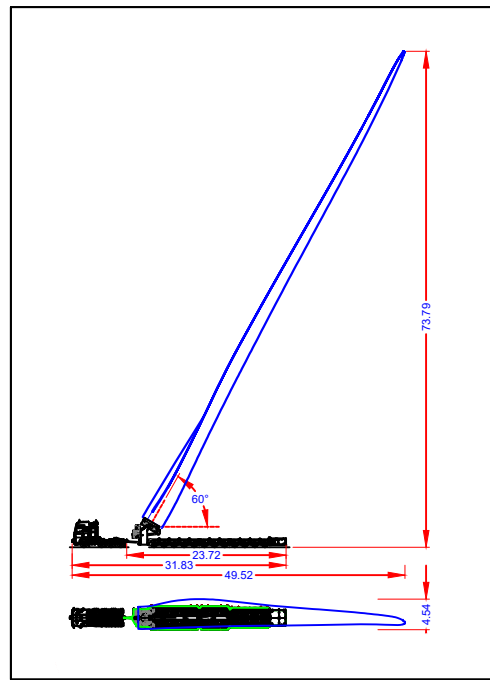
Vestas  
V162 Blade  
MK4 Blade Lift Adapter elevated to 60°



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DRAWN R. WEBSTER  
DATE 12/04/2023  
SCALE 1:500 SIZE A3

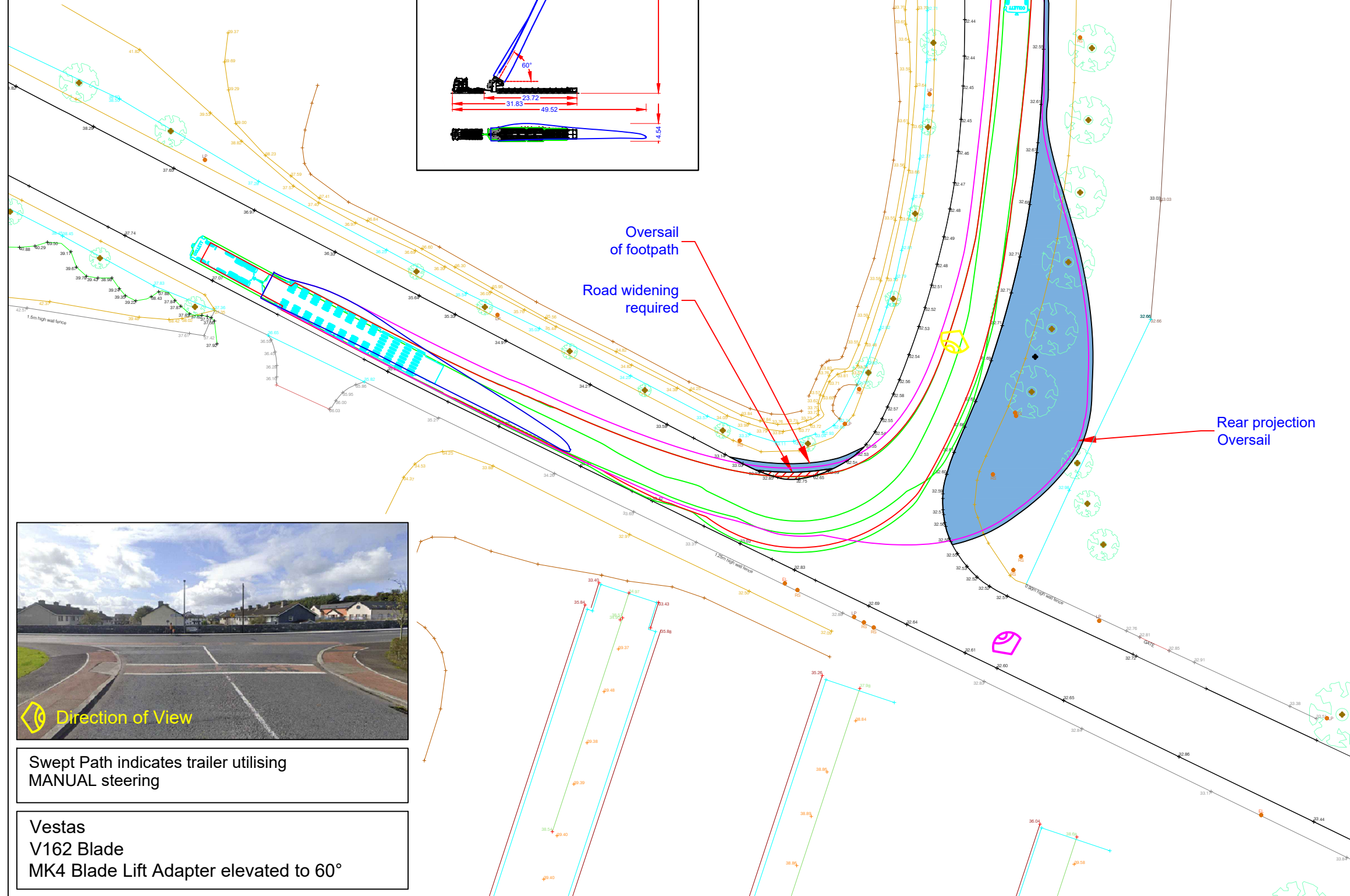
TITLE JUNCTION OF KILLALA ROAD R314\ SLÍ ECTRA, BALLINA  
MAPPING TOPOGRAPHICAL SURVEY CUSTOMER SSE  
PINCH POINT IDENTIFIED BY COLLETT SITE SHESKIN & GLENORA DWG. NO. 348276-154G1.1



Continue on SIY Ectra, turn right at the junction with McDermott St.

**\*\*Caution\*\***

- Third party land take on the nearside of SIY Ectra has been assumed not necessary as the rear projection oversails land that appears to be Public Open Space. Clarity should be sought.
- Road widening is required on the offside of the junction as indicated by red hatching.
- Further oversail will occur on the offside of the junction. Oversail is demarked in solid blue shading.
- Manual steering and utilisation of the full extents of the road are required at this location to navigate the route at this location.



Oversail of footpath  
Road widening required

Rear projection Oversail

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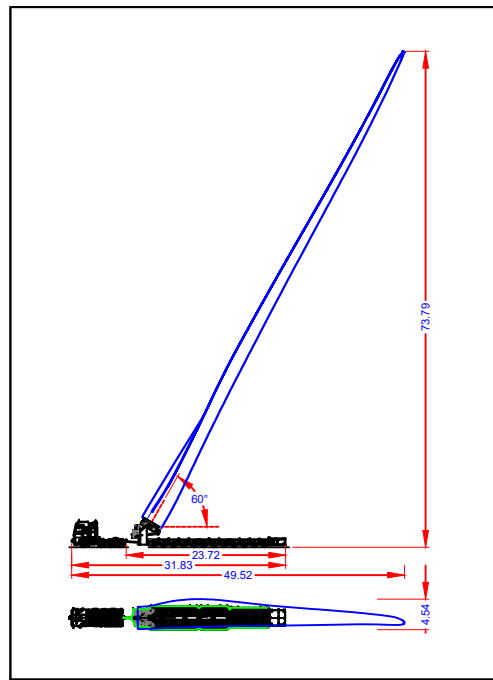
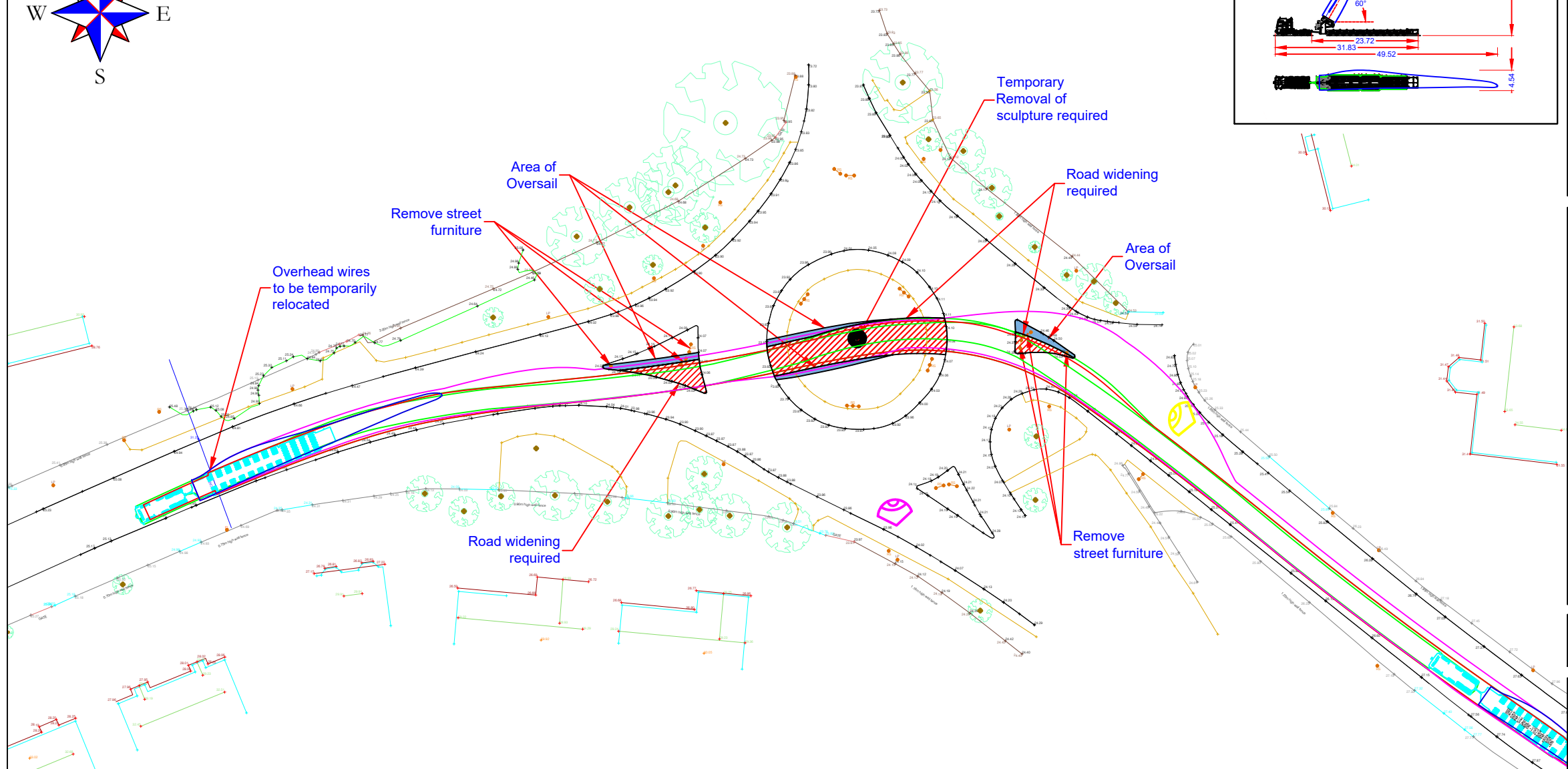
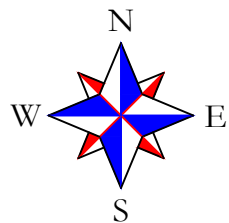
Swept Path indicates trailer utilising MANUAL steering

Vestas  
V162 Blade  
MK4 Blade Lift Adapter elevated to 60°

IRISH Grid Reference: G 23548 19361

- 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

	<b>COLLETT &amp; SONS LIMITED</b> 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 12/04/2023 SCALE 1:500 SIZE A3	TITLE JUNCTION OF SLÍ ECTRA\ L119 McDERMOTT STREET, BALLINA MAPPING TOPOGRAPHICAL SURVEY PINCH POINT IDENTIFIED BY COLLETT	CUSTOMER SSE SITE SHESKIN & GLENORA DWG. NO. 348276-160G1.1
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Continue on the L1119. At the roundabout, continue straight ahead onto N59 towards Bangor

**\*\*Caution\*\***

- Road widening is required to both the entry and the exit splitter islands and the roundabout island as demarked in red hatching.
- Oversail occurs on the roundabout island and both entry & exit splitters as displayed by blue shading.
- The sculpture on the roundabout and street furniture are to be removed from the roundabout and splitter islands where indicated.
- The first overhead wires crossing the N59 are to be temporarily relocated. The blade is then to be lowered to pass underneath the subsequent overhead wires.
- Manual steering is required at this location.

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IRISH Grid Reference: G 22814 19590

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

Swept Path indicates trailer utilising MANUAL steering

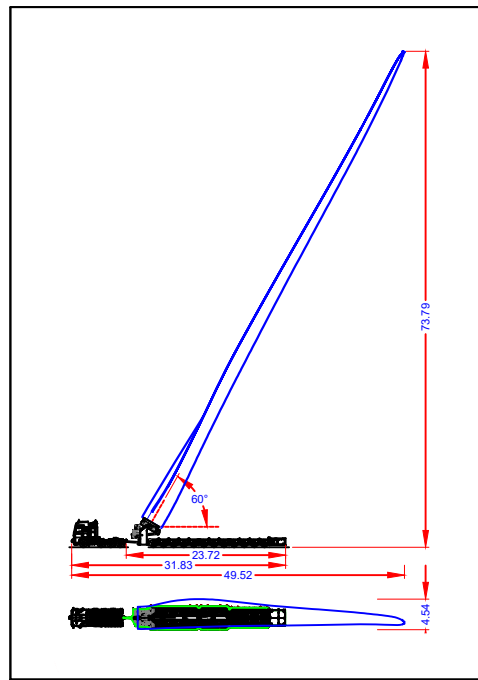
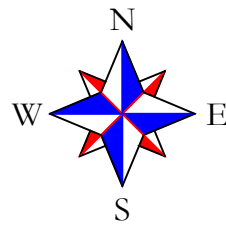
Vestas  
V162 Blade  
MK4 Blade Lift Adapter elevated to 60°



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DRAWN R. WEBSTER  
DATE 12/04/2023  
SCALE 1:750 SIZE A3

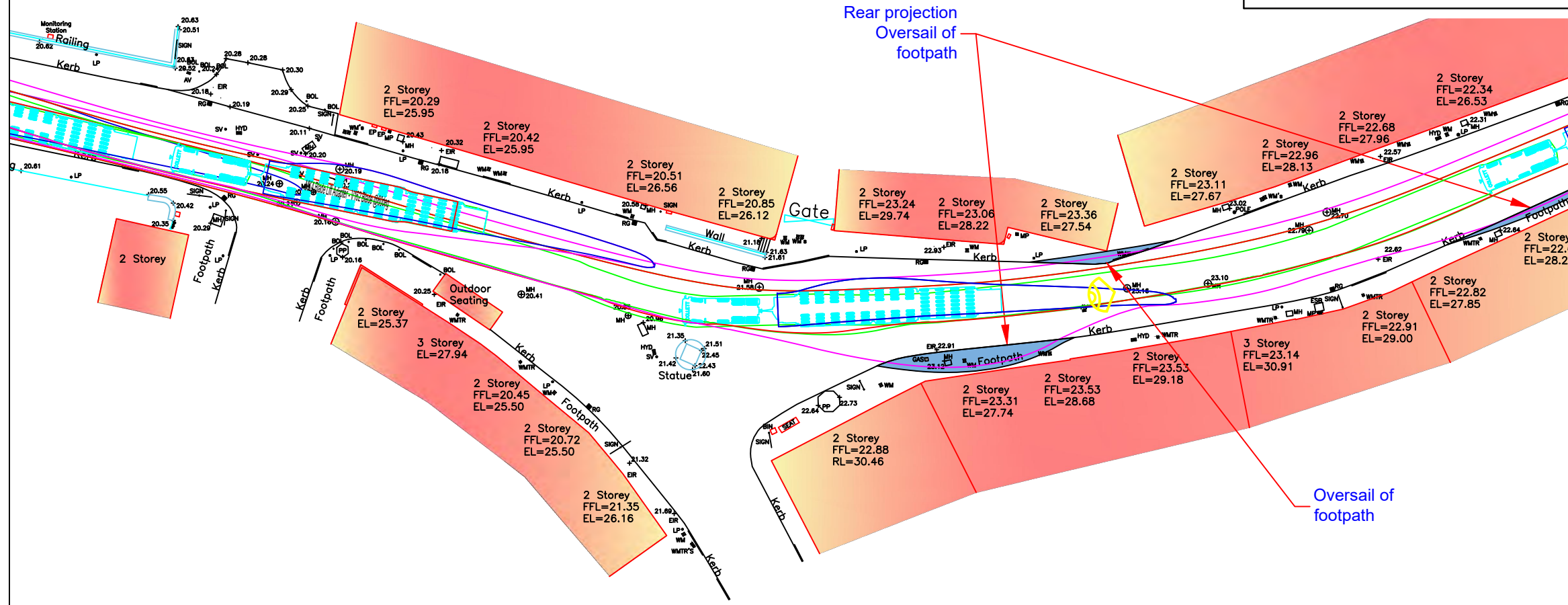
TITLE GURTEENS ROUNDABOUT, BALLINA  
MAPPING TOPOGRAPHICAL SURVEY CUSTOMER SSE  
PINCH POINT IDENTIFIED BY COLLETT SITE SHESKIN & GLENORA DWG. NO. 348276-170G1.1



Continue on the N59.

**\*\*Caution\*\***

- The rear projection will oversail the footpath on the nearside of the road and the load will oversail on the offside of the right bend as indicated by solid blue shading.
- Manual steering and 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 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 13827 17541

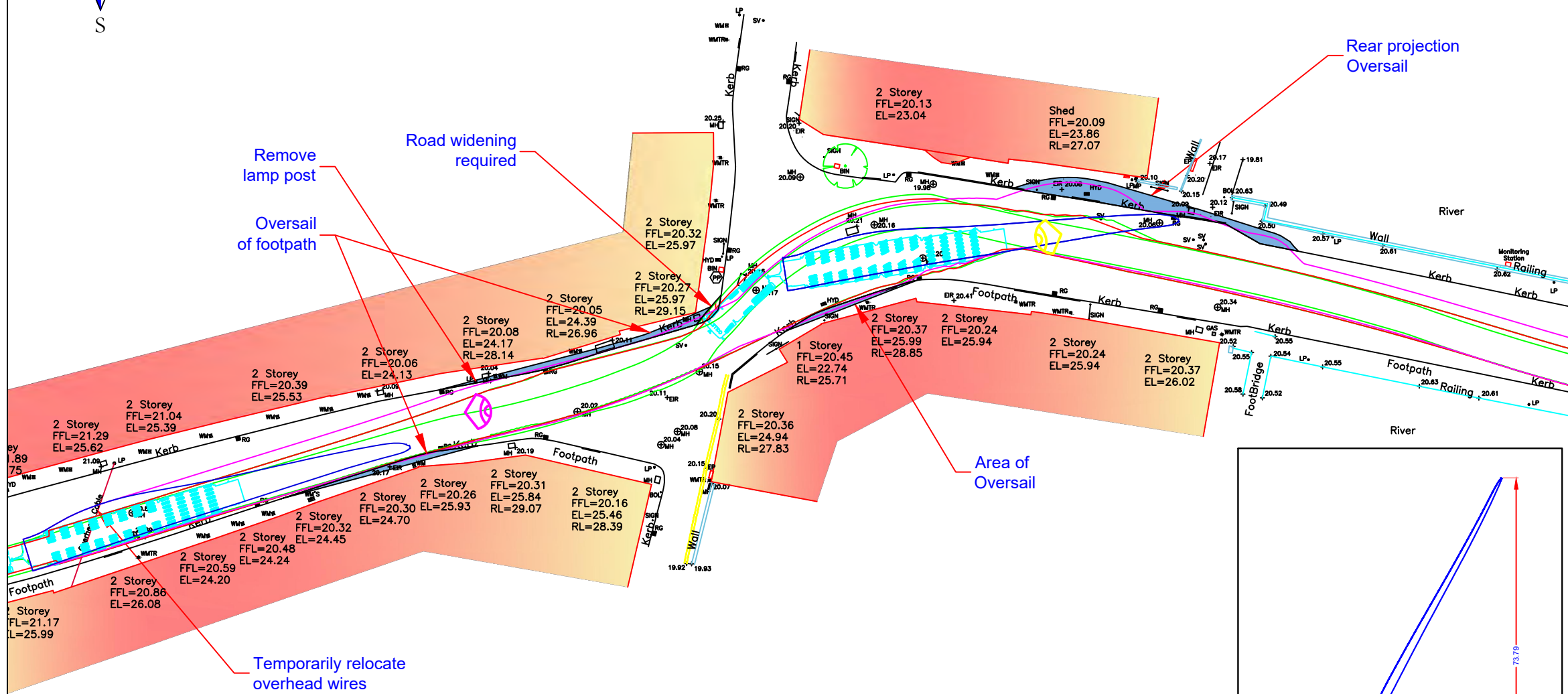
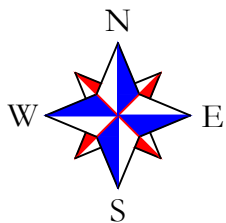
- Area within red outline will be swept by tractor and trailer axles
- ▨ Hatched area within red outline to be levelled and prepared to accept axle loadings
- Area within magenta outline will be oversailed by load and projections
- Area within green outline will be oversailed by trailer body

Swept Path indicates trailer utilising MANUAL steering

Vestas  
V162 Blade  
MK4 Blade Lift Adapter elevated to 60°

	<b>COLLETT &amp; SONS LIMITED</b> 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 12/04/2023 SCALE 1:750 SIZE A3	TITLE ROUNDABOUT JUNCTION, CROSSMOLINA MAPPING TOPOGRAPHICAL SURVEY PINCH POINT IDENTIFIED BY CLIENT	CUSTOMER SHESKIN & GLENORA SITE SHESKIN & GLENORA DWG. NO. 348276-180G1.1	SSE
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Continue on the N59.

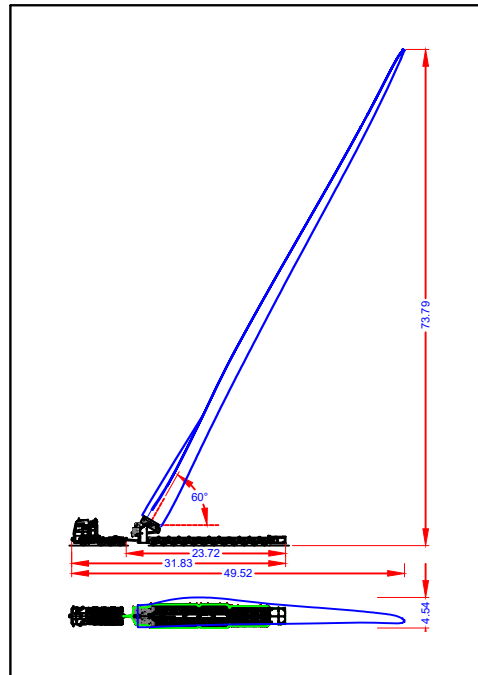
**\*\*Caution\*\***

- Road widening is required on the offside of the junction with Church Street as demarked by red hatching .
- Oversail will occur on both sides of the road as indicated in the areas of solid blue shading.
- A lamp post on the offside is to be removed.
- Overhead wires crossing the N59 to be temporarily relocated to allow unobstructed passage through the airspace.
- Traffic restrictions should be implemented during the manoeuvres.
- Manual steering and 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.
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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 13827 17541

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



Swept Path indicates trailer utilising MANUAL steering

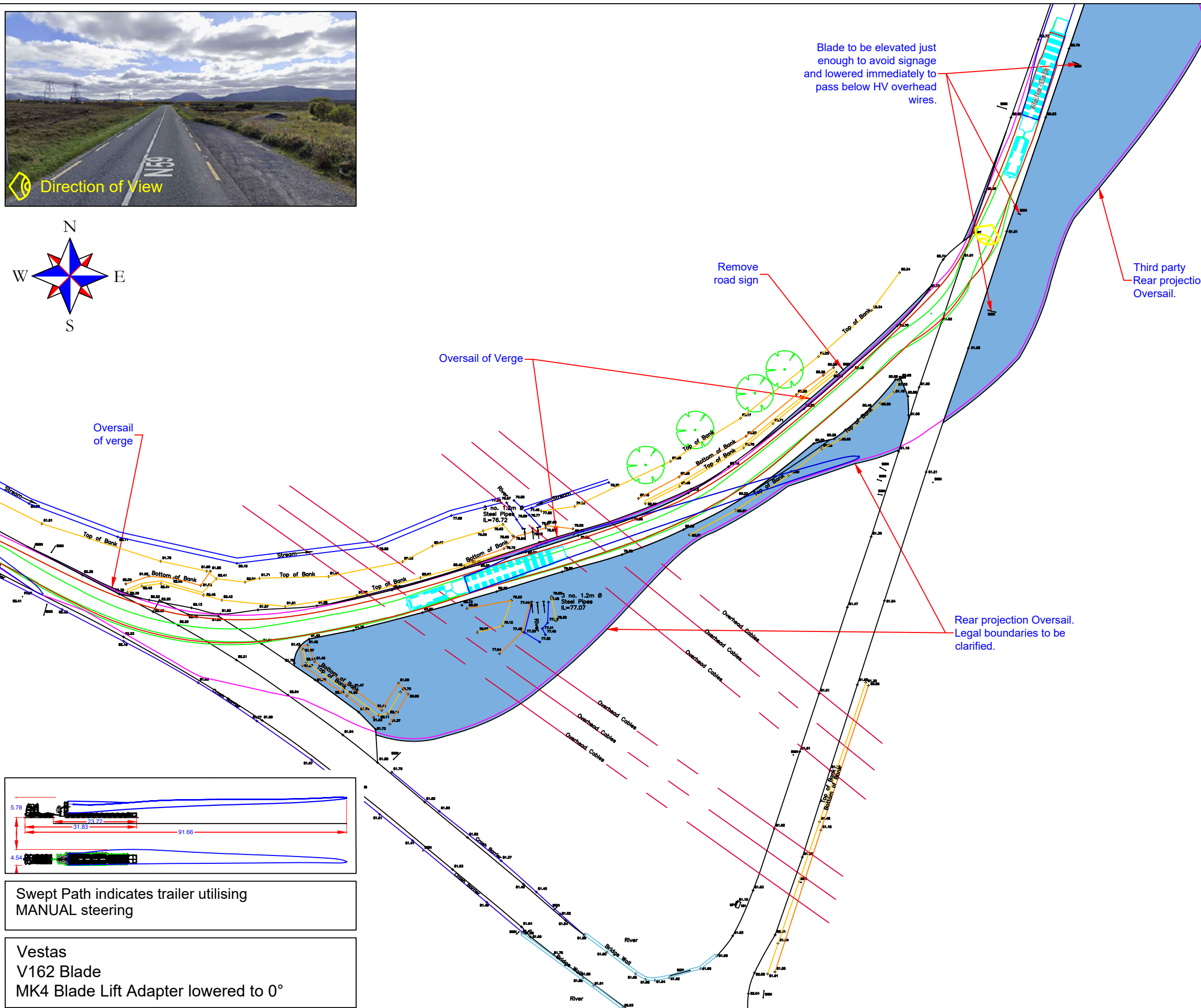
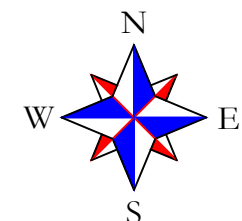
Vestas  
V162 Blade  
MK4 Blade Lift Adapter elevated to 60°



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

DRAWN R. WEBSTER  
DATE 13/04/2023  
SCALE 1:500 SIZE A3

TITLE S BEND JUNCTION ON N59/ CHURCH STREET/ THE BOREEN, CROSSMOLINA  
MAPPING TOPOGRAPHICAL SURVEY CUSTOMER SSE  
PINCH POINT IDENTIFIED BY CLIENT SITE SHESKIN & GLENORA DWG. NO. 348276-181G1.1



Continue on the N59. Cut the corner using the existing slip road.

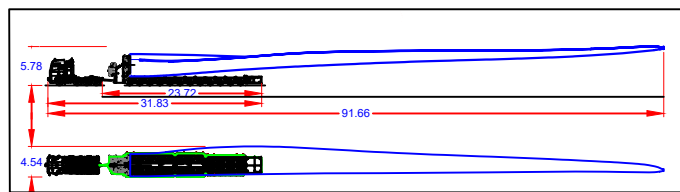
**\*\*Caution\*\***

- The current status of construction for the fillet road cannot be confirmed at this time. This drawing assumes that the topographical data is 'As Built'.
- Third party land is required on the nearside to allow the rear projection to oversail.
- Further oversail will occur on both sides of the road as demarked by blue shading. Scrutiny of legal boundaries is required to ascertain if further third party land is required.
- A road sign on the offside of the fillet road is to be removed.
- Manual steering & utilisation of the full extents of the road are required at this location.

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- All dimensions in metres.

IRISH Grid Reference: F 97751 19609

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



Swept Path indicates trailer utilising MANUAL steering

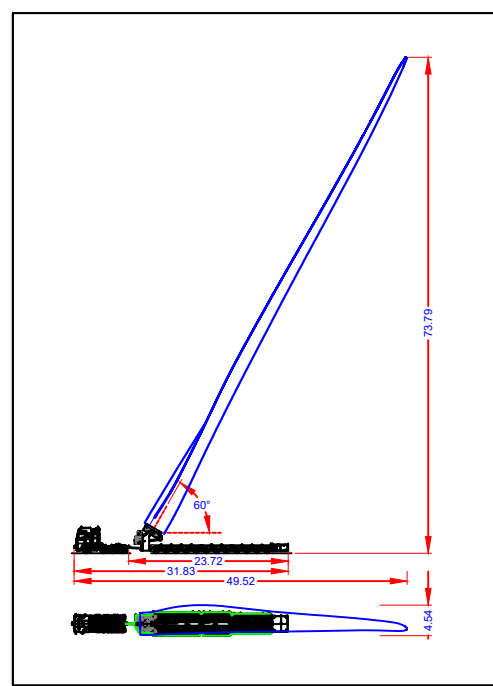
Vestas  
V162 Blade  
MK4 Blade Lift Adapter lowered to 0°



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

DRAWN R. WEBSTER  
DATE 20/04/2023  
SCALE 1:750 SIZE A3

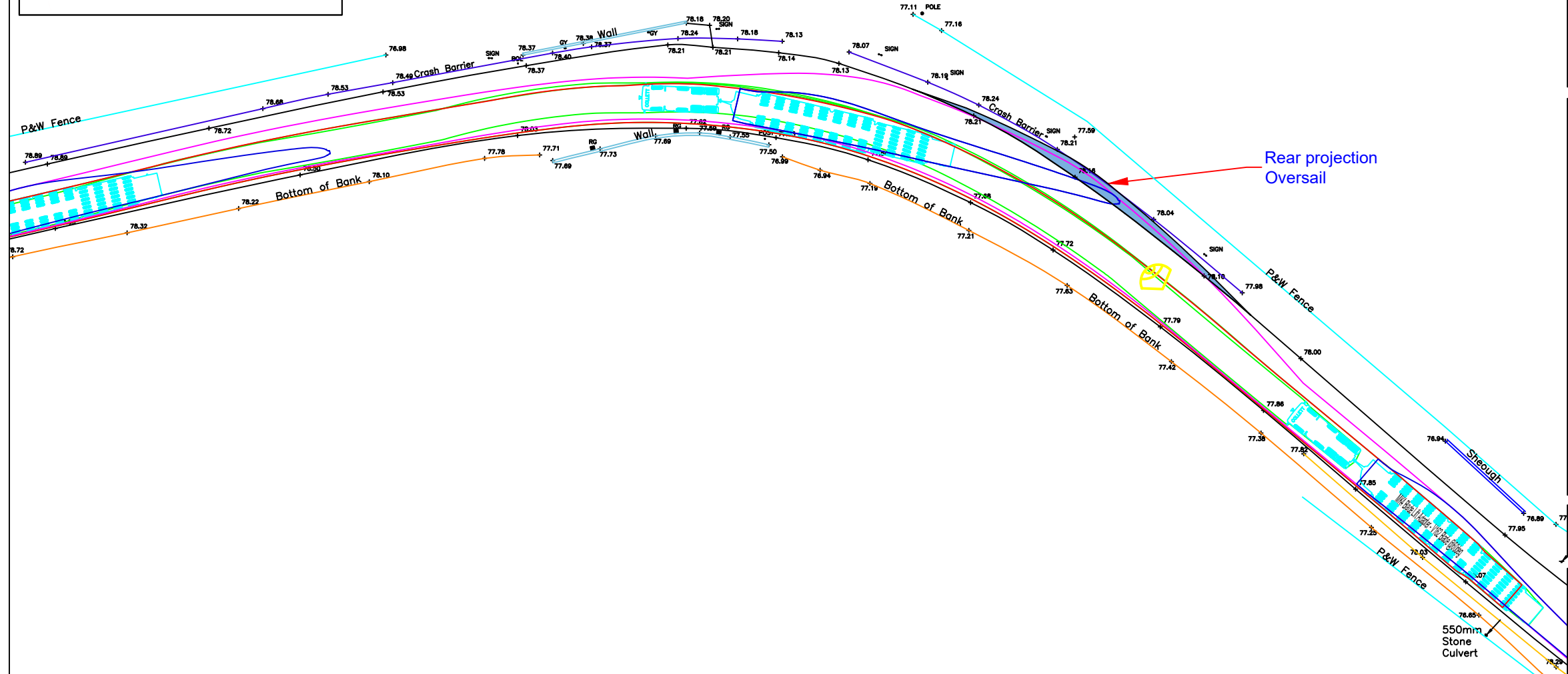
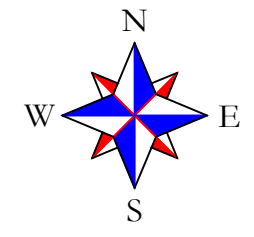
TITLE RIGHT BEND ON N59, BELLACORICK  
MAPPING TOPOGRAPHICAL SURVEY CUSTOMER SSE  
PINCH POINT IDENTIFIED BY CLIENT SITE SHESKIN & GLENORA DWG. NO. 348276-200G1.1



Continue on the N59.

**\*\*Caution\*\***

- Rear projection Oversail will occur on the offside of the road prior to the left bend.
- Utilisation of the full extents of the road is required at this location.



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- All dimensions in metres.

IRISH Grid Reference: F 93714 21667

Swept Path indicates trailer utilising AUTOMATIC steering

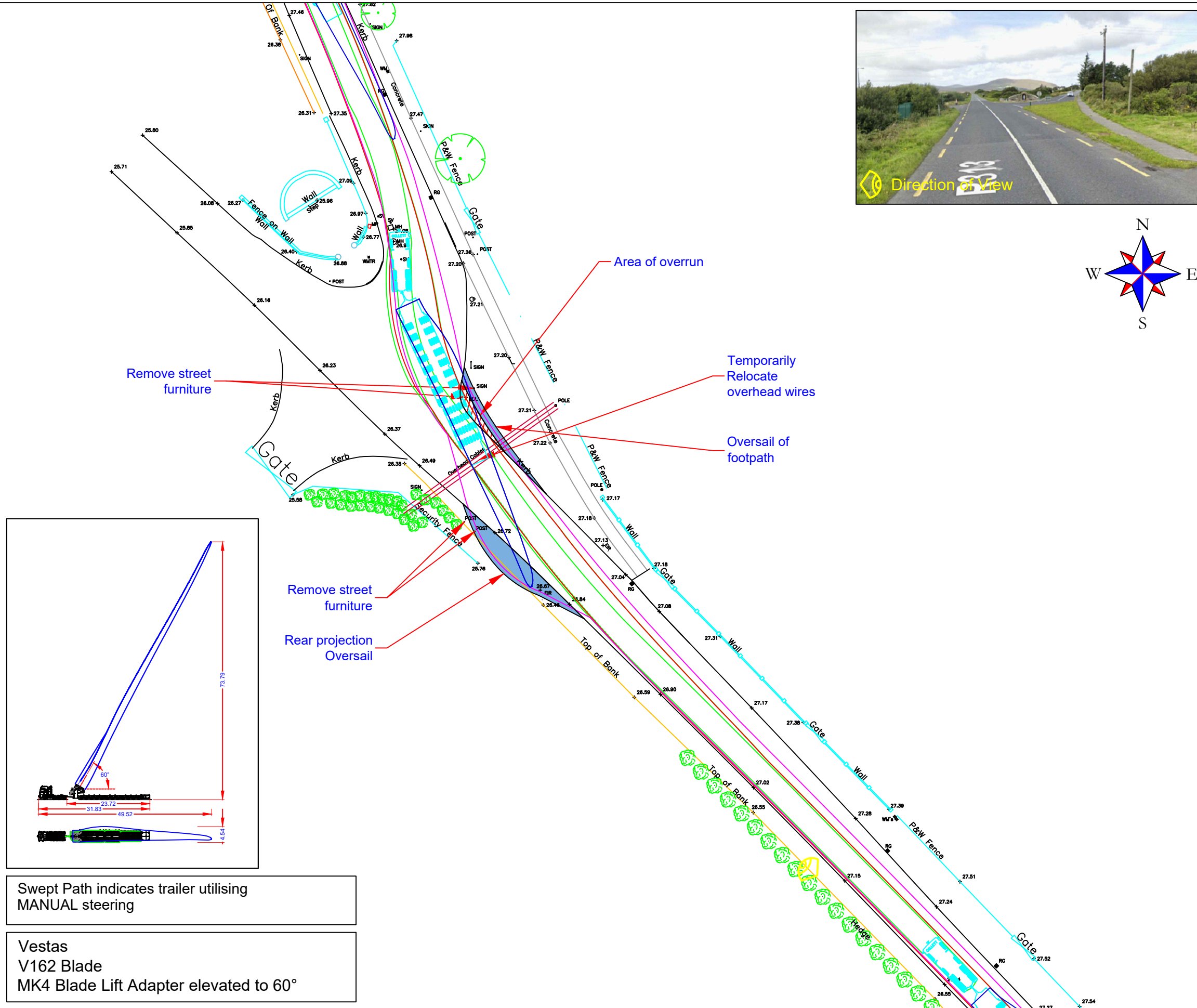
Vestas  
V162 Blade  
MK4 Blade Lift Adapter elevated to 60°

- 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



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

DRAWN	R. WEBSTER	TITLE		LEFT BEND ON N59, BALLYMUNNELLY	
DATE	13/04/2023	MAPPING TOPOGRAPHICAL SURVEY	CUSTOMER		
SCALE	1:500	SIZE	A3	PINCH POINT IDENTIFIED BY	CLIENT
				SITE	GLENORA
					DWG. NO. 348276-300G0.1
SSE					



Continue on the R313 to the junction with the L1204. At the junction turn right onto L1204

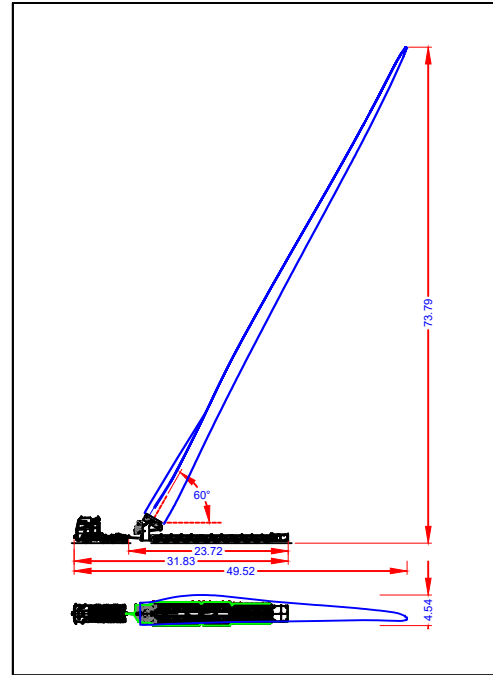
**\*\*Caution\*\***

- Road widening is required on the offside of the junction as indicated by red hatching.
- Oversail of the footpath will occur on both sides of the junction as demarked in solid blue shading.
- Overhead wires crossing the R313 are to be temporarily relocated to allow the elevated blade unobstructed passage through the airspace.
- Street furniture on both sides of the junction is to be removed.
- Manual steering & utilisation of the full extents of the road is 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.
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- All dimensions in metres.

IRISH Grid Reference: F 85009 24168

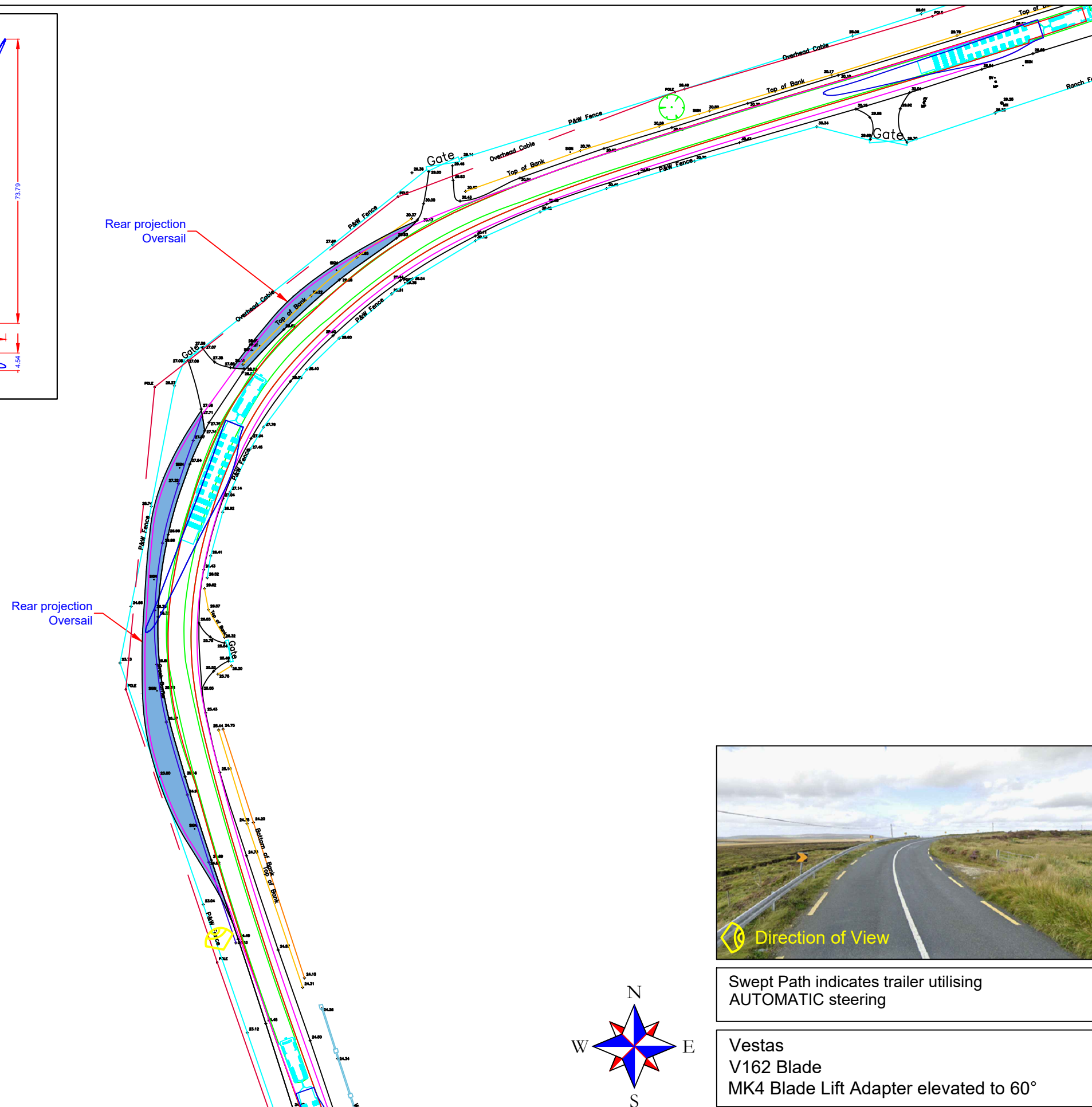
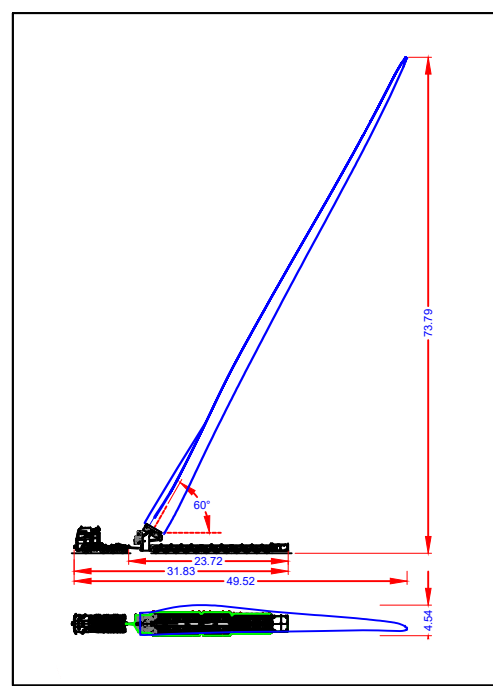
- Area within red outline will be swept by tractor and trailer axles
- ▨ Hatched area within red outline to be levelled and prepared to accept axle loadings
- Area within magenta outline will be oversailed by load and projections
- Area within green outline will be oversailed by trailer body



Swept Path indicates trailer utilising MANUAL steering

Vestas  
V162 Blade  
MK4 Blade Lift Adapter elevated to 60°

	<b>COLLETT &amp; SONS LIMITED</b> 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 13/04/2023 SCALE 1:500 SIZE A3	TITLE JUNCTION OF R313 & L1204, Nr ATTAVALLEY MAPPING TOPOGRAPHICAL SURVEY PINCH POINT IDENTIFIED BY CLIENT	CUSTOMER SSE SITE GLENORA DWG. NO. 348276-315G1.1
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Continue on the L1204.

**\*\*Caution\*\***

- Rear projection oversail will occur on the nearside of the bend. Oversail is demarked by blue shading
- Utilisation of the full extents of the road are 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.
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- All dimensions in metres.



Swept Path indicates trailer utilising AUTOMATIC steering

Vestas  
V162 Blade  
MK4 Blade Lift Adapter elevated to 60°

IRISH Grid Reference: F 85507 26612

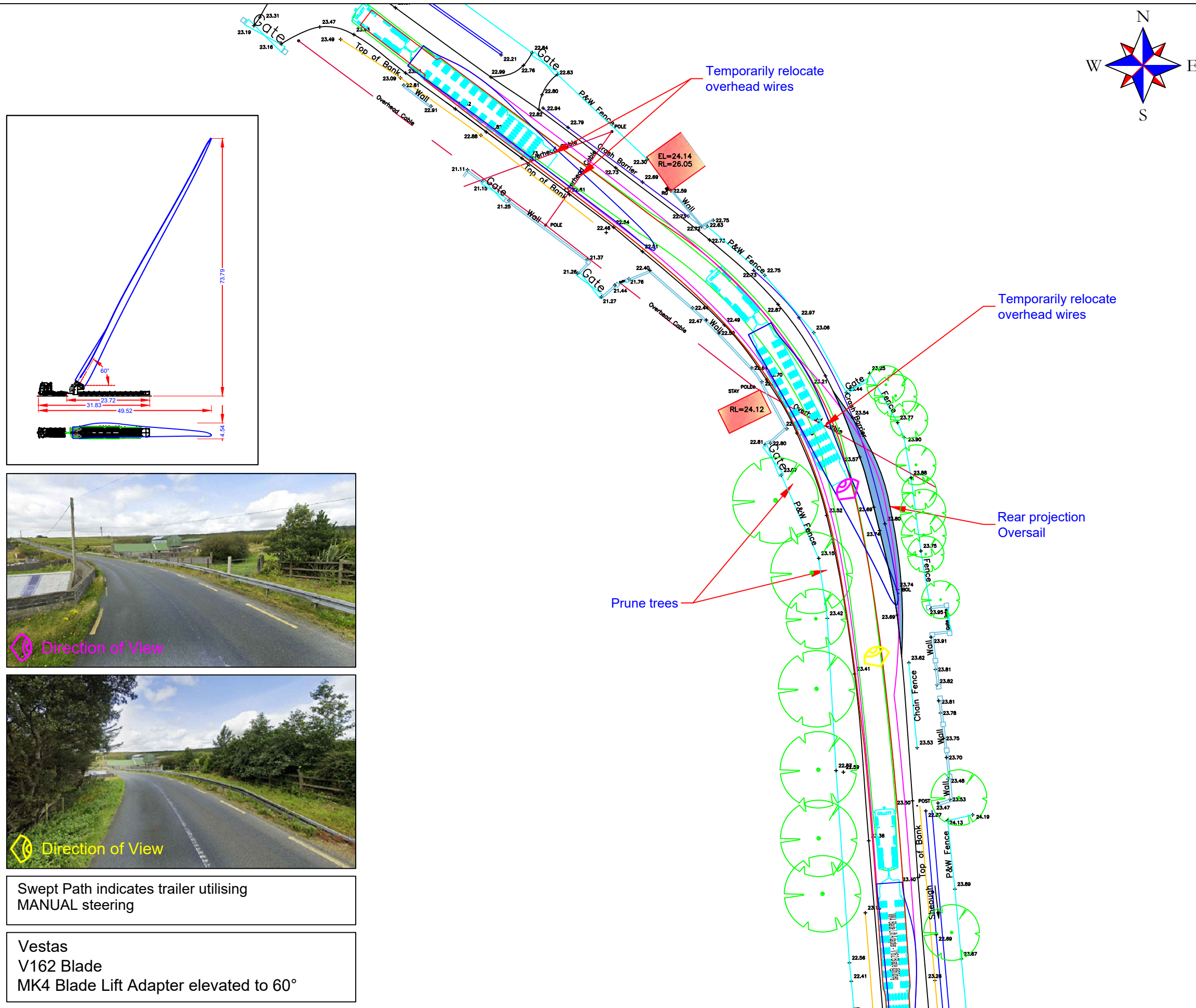
- Area within red outline will be swept by tractor and trailer axles
- ▨ Hatched area within red outline to be levelled and prepared to accept axle loadings
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- Area within green outline will be oversailed by trailer body



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DRAWN R. WEBSTER  
DATE 13/04/2023  
SCALE 1:750 SIZE A3

TITLE RIGHT BEND ON L1204, GLENCULLEN LOWER  
MAPPING TOPOGRAPHICAL SURVEY CUSTOMER SSE  
PINCH POINT IDENTIFIED BY CLIENT SITE GLENORA DWG. NO. 348276-330G0.1



Continue on the L1204.

**\*\*Caution\*\***

- Oversail will occur on the offside of the bend as indicated by blue shading.
- Trees/ Vegetation are to be pruned where indicated.
- Overhead wires crossing the L1204 are to be temporarily relocated to allow the elevated blade unobstructed passage through the airspace.
- Manual steering & utilisation of the full extents of the road are 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.
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- All dimensions in metres.

IRISH Grid Reference: F 86819 29493

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



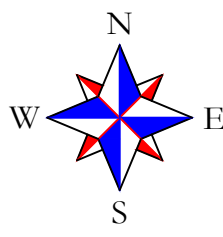
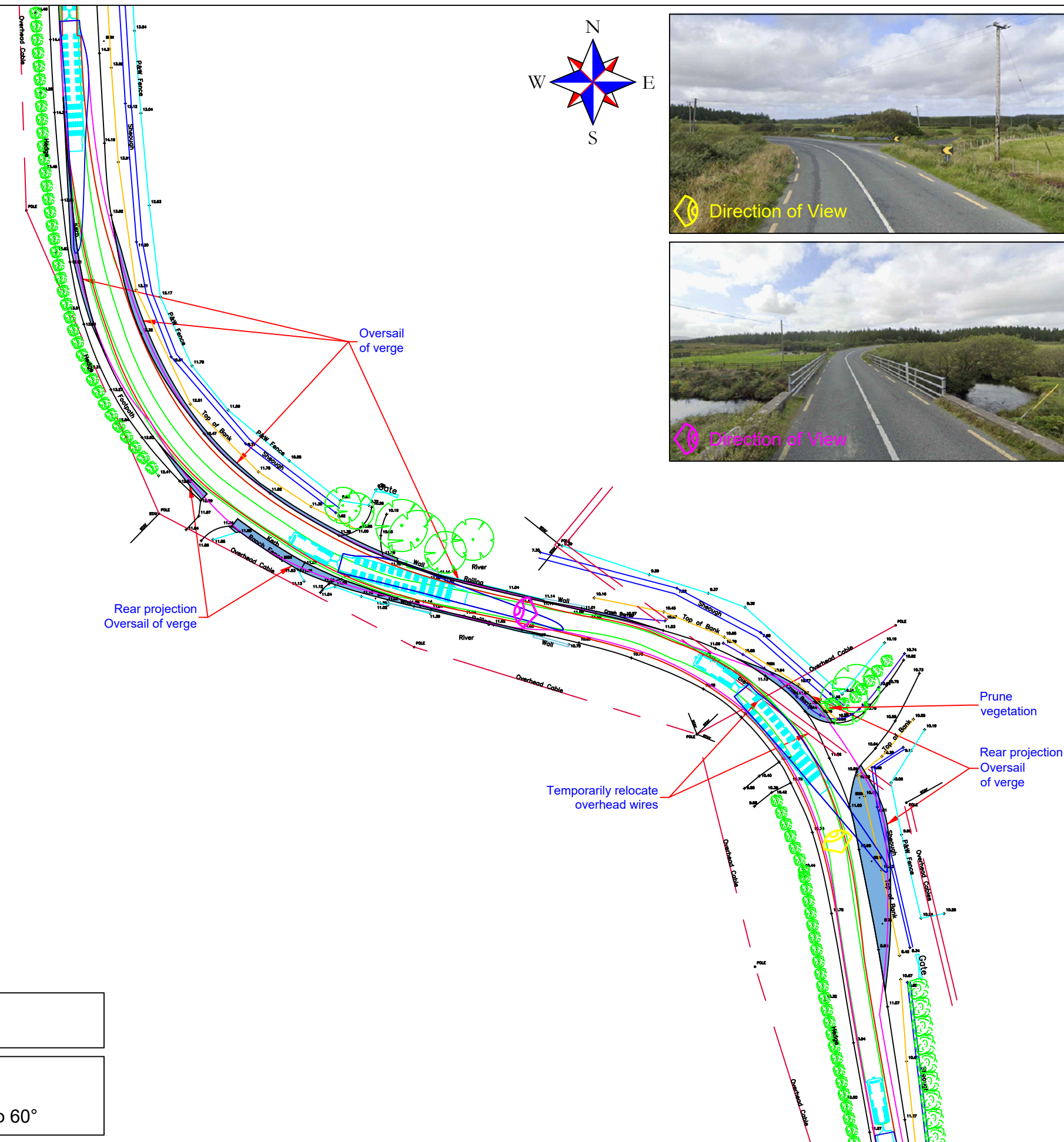
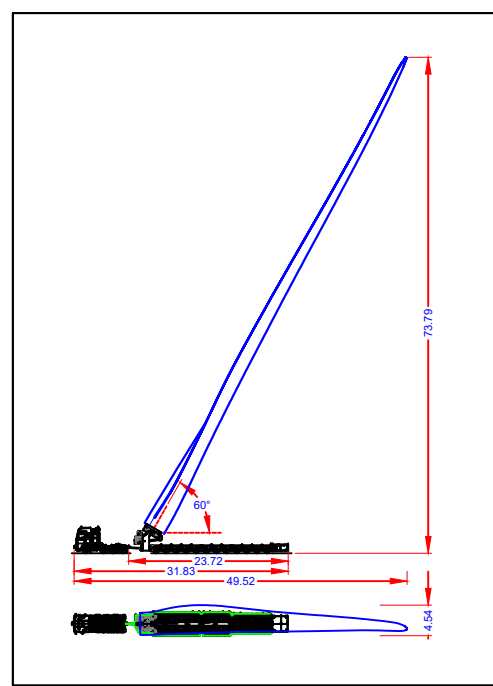
Swept Path indicates trailer utilising MANUAL steering

Vestas  
V162 Blade  
MK4 Blade Lift Adapter elevated to 60°



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

DRAWN	R. WEBSTER	TITLE		LEFT BEND ON L1204, GLEMTURK MORE BOG	
DATE	13/04/2023	MAPPING TOPOGRAPHICAL SURVEY	CUSTOMER		
SCALE	1:500	SIZE	A3	PINCH POINT IDENTIFIED BY	CLIENT
				SITE	GLENORA
					DWG. NO. 348276-340G1.1
SSE					



Continue on the L1204.

**\*\*Caution\*\***

- Oversail will occur on both sides of the bend as indicated by blue shading.
- Overhead wires crossing the L1204 are to be temporarily relocated to allow the elevated blade unobstructed passage through the airspace.
- Manual steering & utilisation of the full extents of the road are 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.
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- All dimensions in metres.

IRISH Grid Reference: F 85808 31649

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

Swept Path indicates trailer utilising MANUAL steering

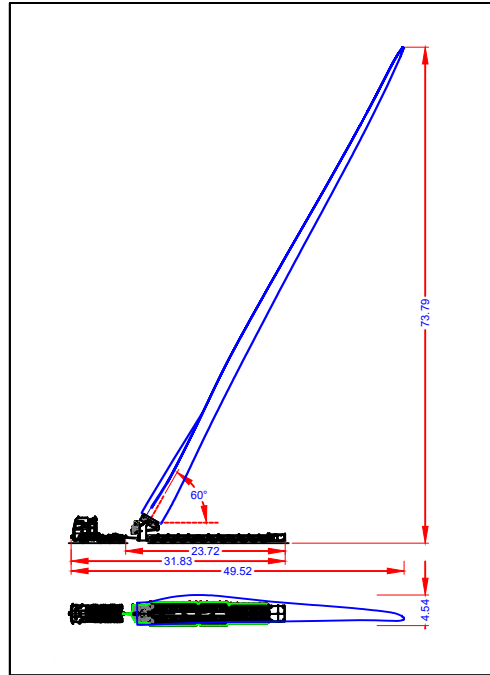
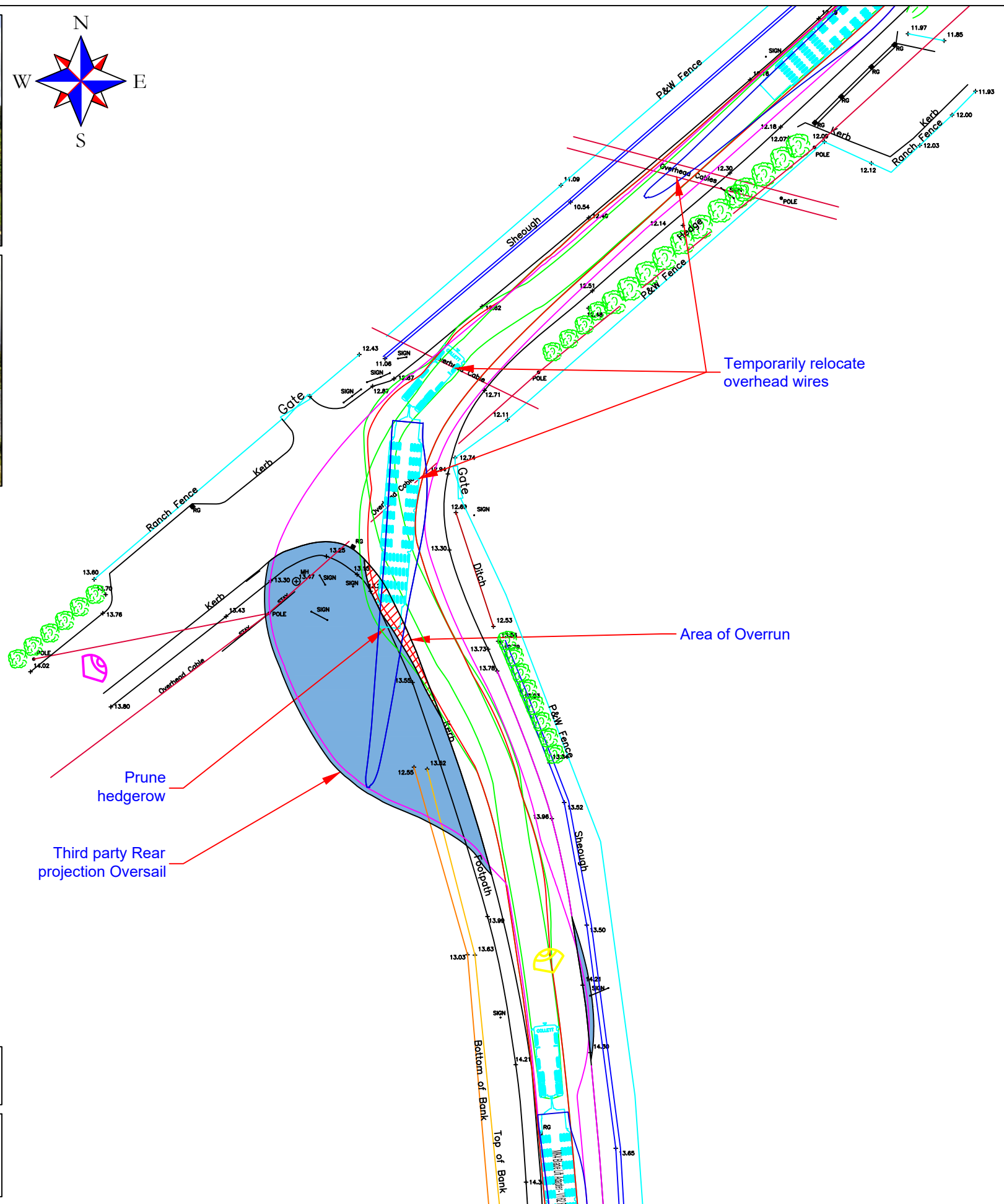
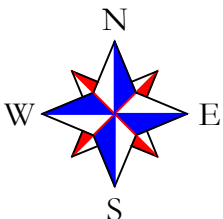
Vestas  
V162 Blade  
MK4 Blade Lift Adapter elevated to 60°



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

DRAWN R. WEBSTER  
DATE 14/04/2023  
SCALE 1:750 SIZE A3

TITLE 'S' BEND ON L1204, BELLAGELLY SOUTH  
MAPPING TOPOGRAPHICAL SURVEY CUSTOMER SSE  
PINCH POINT IDENTIFIED BY CLIENT SITE GLENORA DWG. NO. 348276-350G1.1



Swept Path indicates trailer utilising MANUAL steering

Vestas  
V162 Blade  
MK4 Blade Lift Adapter elevated to 60°

Continue on the L1204. Turn right onto R314 at the junction.

**\*\*Caution\*\***

- Third party land is required on the nearside of the junction to allow for rear projection oversail.
- Overrun will occur on the nearside of the L1204 as indicated by red hatching.
- Further Oversail will occur on the offside of the L1024 to allow the rear projection to oversail.
- Overhead wires crossing the road are to be temporarily relocated.
- Vegetation is to be pruned where indicated.
- Manual steering & utilisation of the full extents of the road are 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.
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- 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: F 85657 32089

- 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

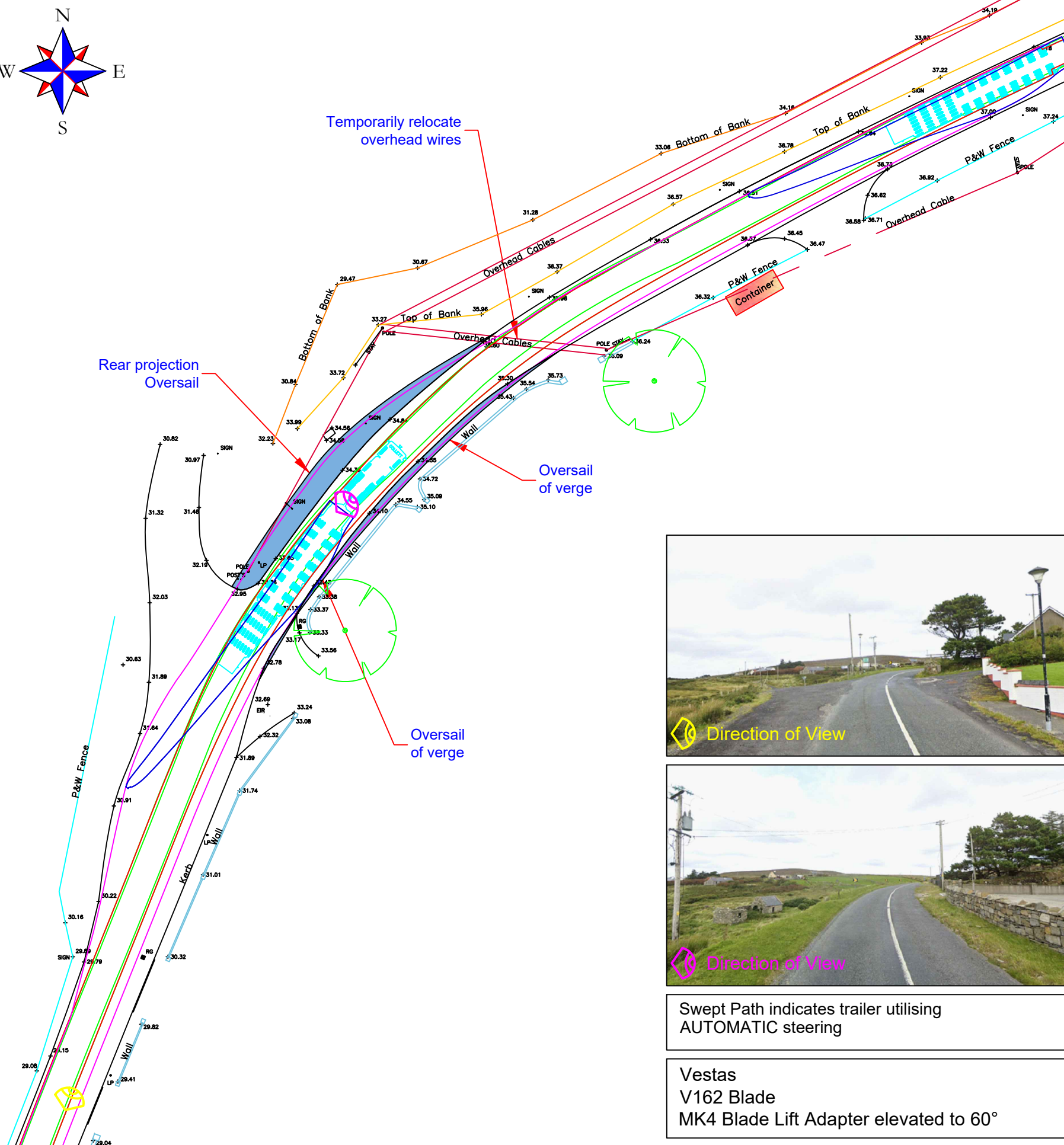
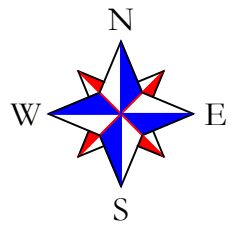
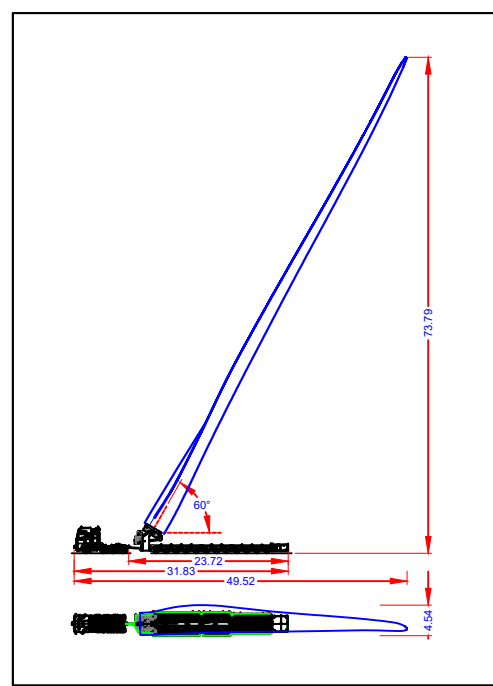


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Halifax, HX2 0DF WEB: www.collett.co.uk

DRAWN R. WEBSTER  
DATE 14/04/2023  
SCALE 1:500 SIZE A3

TITLE JUNCTION OF L1204/ R314, BELLAGELLY SOUTH  
MAPPING TOPOGRAPHICAL SURVEY  
PINCH POINT IDENTIFIED BY CLIENT  
CUSTOMER SSE  
SITE GLENORA DWG. NO. 348276-360G1.1





Continue on the R314.

**\*\*Caution\*\***

- Oversail will occur on both sides of the bend as indicated by areas of solid blue shading.
- Overhead wires crossing the R314 are to be temporarily relocated where indicated to allow elevated blade unobstructed passage through the airspace.
- Utilisation of the full extents of the road are 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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- All dimensions in metres.



Swept Path indicates trailer utilising AUTOMATIC steering

Vestas  
V162 Blade  
MK4 Blade Lift Adapter elevated to 60°

IRISH Grid Reference: F 99363 39829

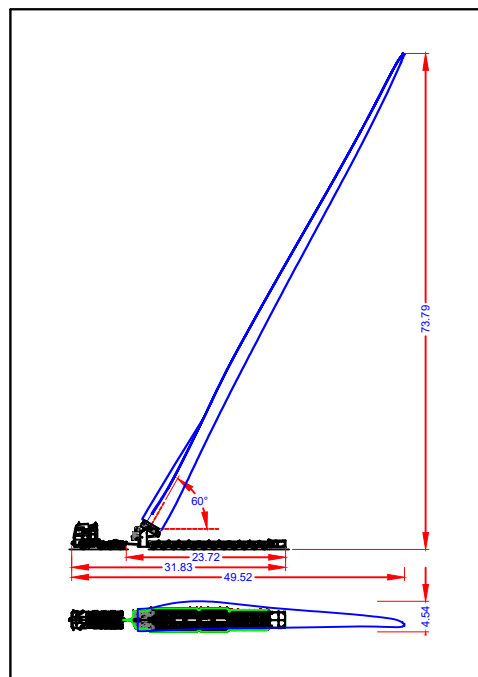
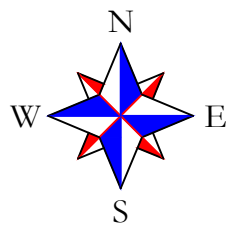
- Area within red outline will be swept by tractor and trailer axles
- ▨ Hatched area within red outline to be levelled and prepared to accept axle loadings
- Area within magenta outline will be oversailed by load and projections
- Area within green outline will be oversailed by trailer body



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DRAWN R. WEBSTER  
DATE 14/04/2023  
SCALE 1:500 SIZE A3

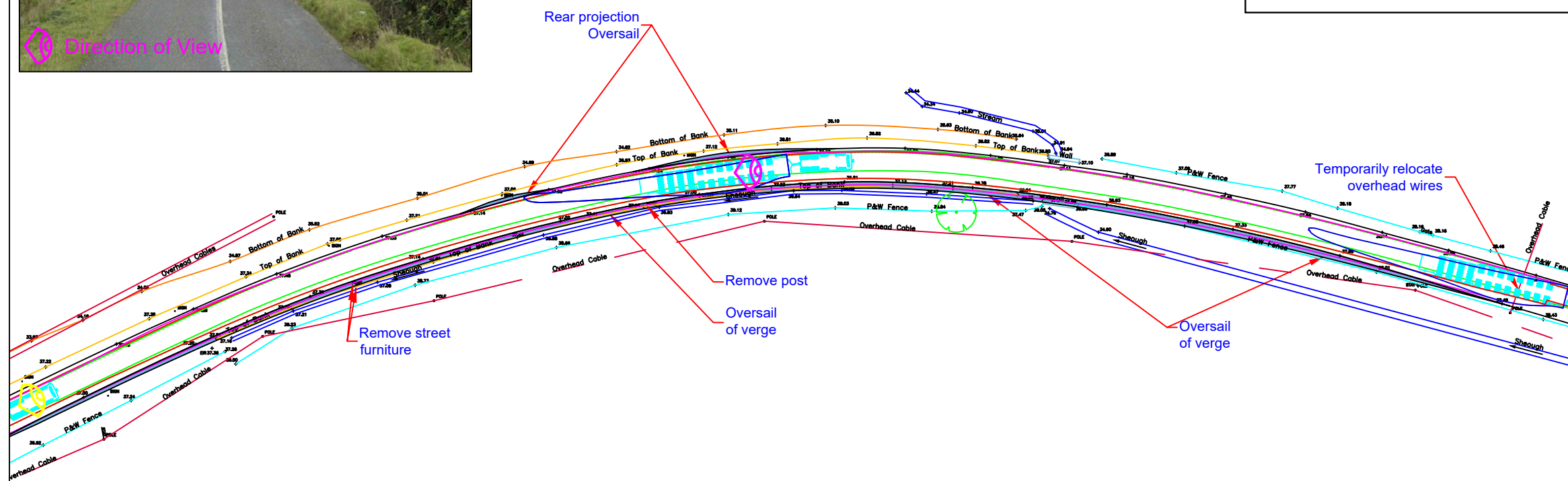
TITLE RIGHT BEND ON R314, BELDERRIG MORE  
MAPPING TOPOGRAPHICAL SURVEY CUSTOMER SSE  
PINCH POINT IDENTIFIED BY CLIENT SITE GLENORA DWG. NO. 348276-380G0.1



Continue on the R314

**\*\*Caution\*\***

- Oversail will occur on both sides of the R314 as indicated by areas of solid blue.
- Overhead wires crossing the R314 are to be temporarily relocated to allow elevated blade unobstructed passage through the airspace.
- Street furniture is to be removed on the offside where indicated.
- Manual steering & utilisation of the full extents of the road are required at this location.



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- All dimensions in metres.

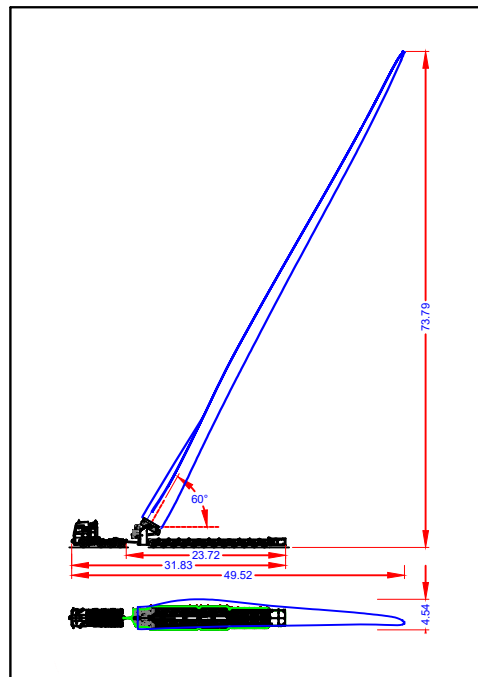
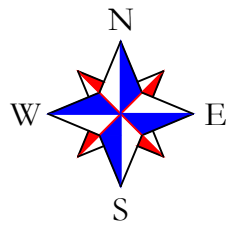
IRISH Grid Reference: F 99540 39898

Swept Path indicates trailer utilising MANUAL steering

Vestas  
V162 Blade  
MK4 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

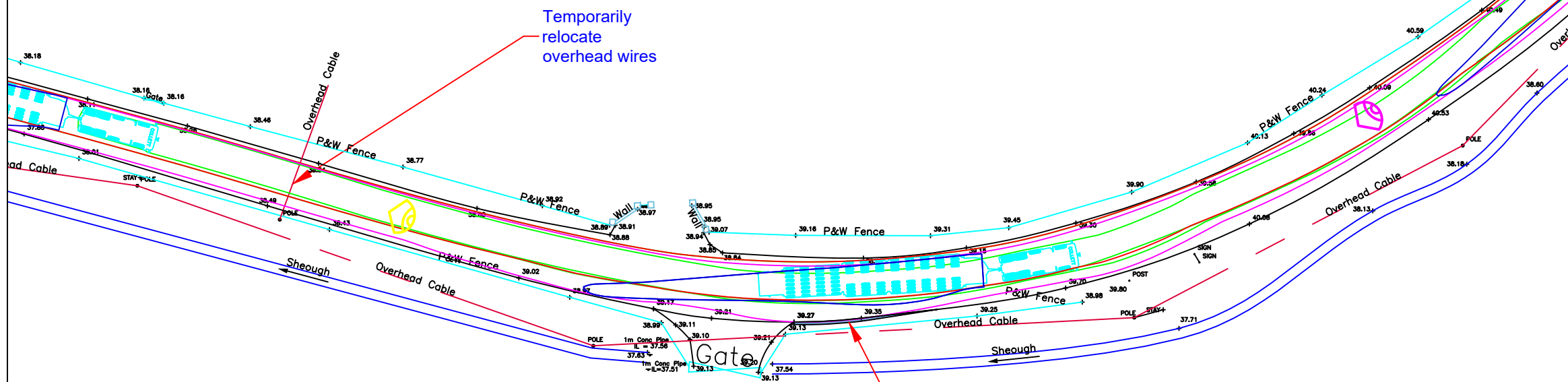
	<b>COLLETT &amp; SONS LIMITED</b> Victoria Terminal TEL: +44(0)8456 255288 Albert Road FAX: +44(0)8456 255244 Halifax, HX2 0DF WEB: www.collett.co.uk	DRAWN R. WEBSTER DATE 14/04/2023 SCALE 1:750 SIZE A3	TITLE RIGHT BEND ON R314, BELDERRIG MORE MAPPING TOPOGRAPHICAL SURVEY PINCH POINT IDENTIFIED BY CLIENT	CUSTOMER SSE SITE GLENORA DWG. NO. 348276-381G1.1
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Continue on the R314

**\*\*Caution\*\***

- Oversail will occur on the offside of the R314 as indicated by area of solid blue shading.
- The overhead wires crossing the R314 are to be temporarily relocated.
- Manual steering & utilisation of the full extents of the road are required at this location.



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- All dimensions in metres.

IRISH Grid Reference: F 99701 39870

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

Swept Path indicates trailer utilising MANUAL steering

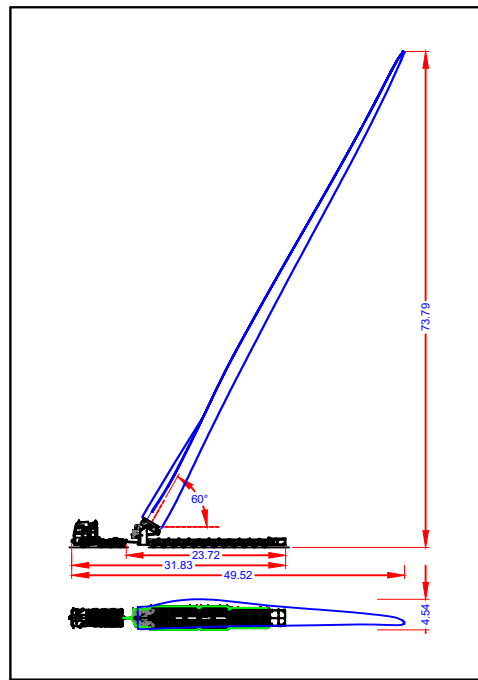
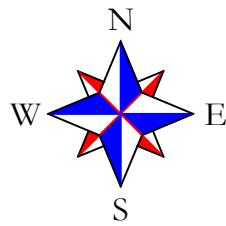
Vestas  
V162 Blade  
MK4 Blade Lift Adapter elevated to 60°



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DRAWN R. WEBSTER  
DATE 14/04/2023  
SCALE 1:500 SIZE A3

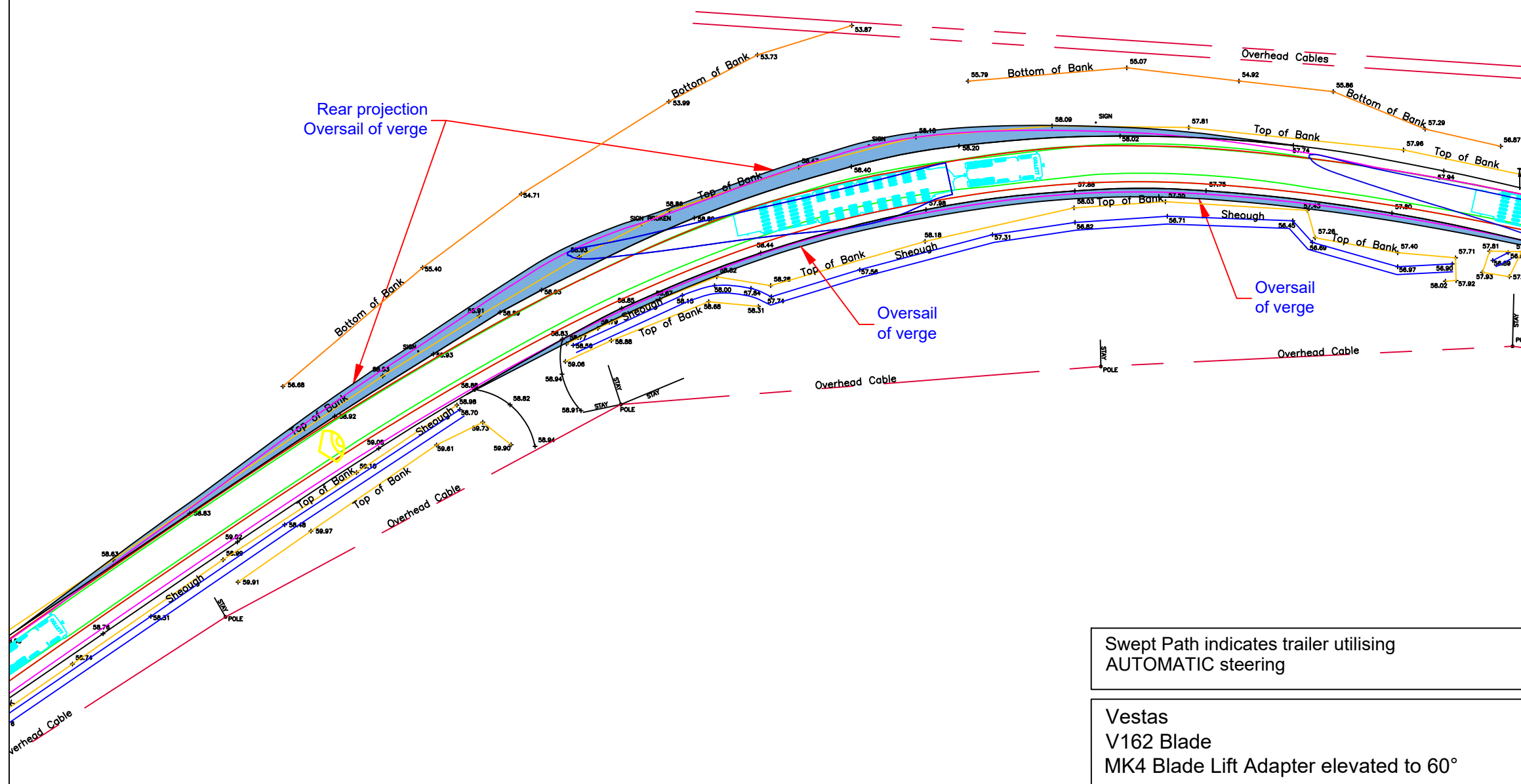
TITLE LEFT BEND ON R314, BELDERRIG MORE  
MAPPING TOPOGRAPHICAL SURVEY CUSTOMER SSE  
PINCH POINT IDENTIFIED BY CLIENT SITE GLENORA DWG. NO. 348276-382G1.1



Continue on the R314

**\*\*Caution\*\***

- Oversail will occur on both sides of the bend as indicated by the areas in solid blue shading.
- Utilisation of the full extents of the road are 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.
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- All dimensions in metres.

IRISH Grid Reference: G 01177 41009

- 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

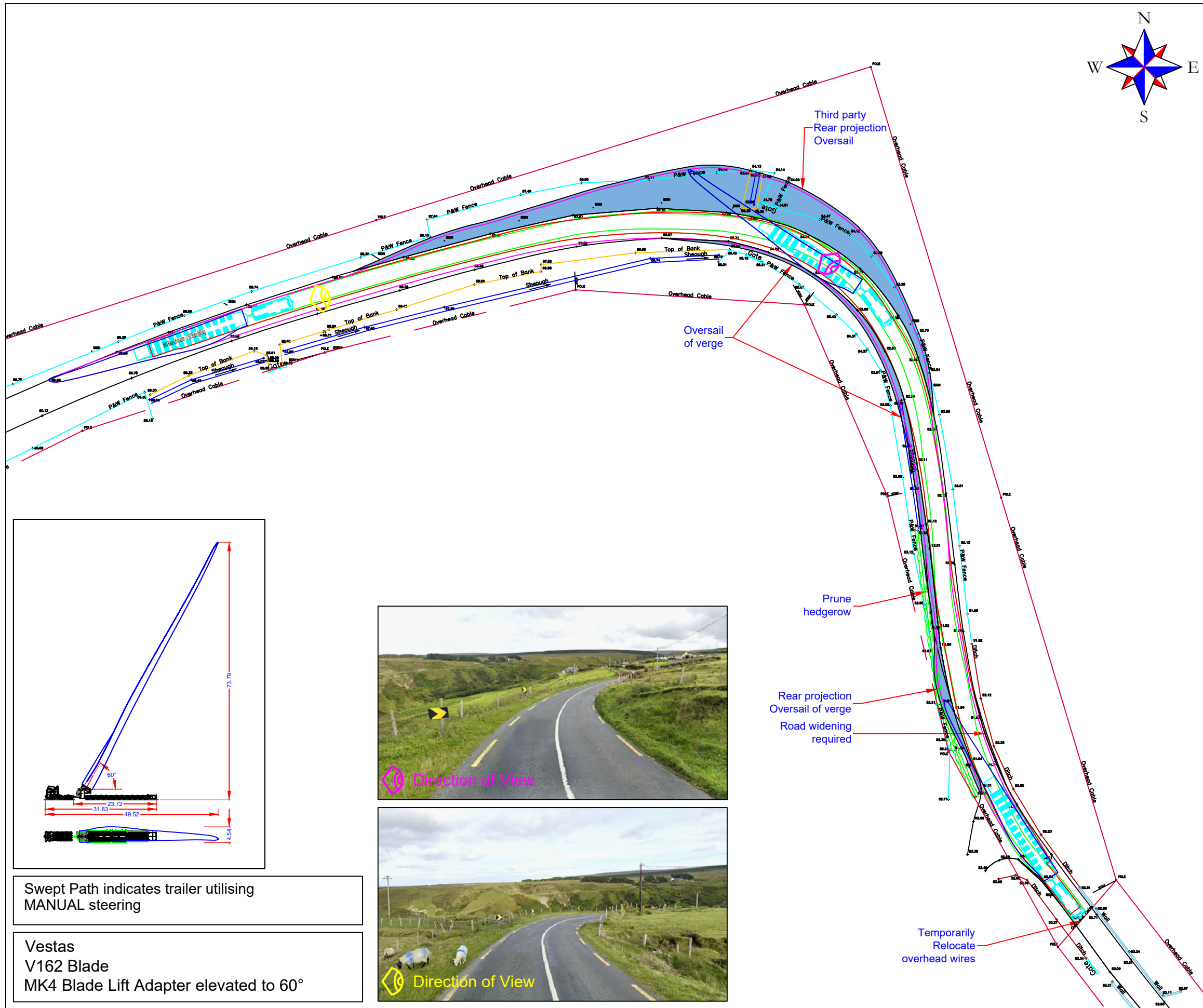
Vestas  
V162 Blade  
MK4 Blade Lift Adapter elevated to 60°



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

DRAWN R. WEBSTER  
DATE 14/04/2023  
SCALE 1:500 SIZE A3

TITLE RIGHT BEND ON R314, BELDERRIG MORE 2  
MAPPING TOPOGRAPHICAL SURVEY CUSTOMER SSE  
PINCH POINT IDENTIFIED BY CLIENT SITE GLENORA DWG. NO. 348276-390G0.1



Continue on the R314

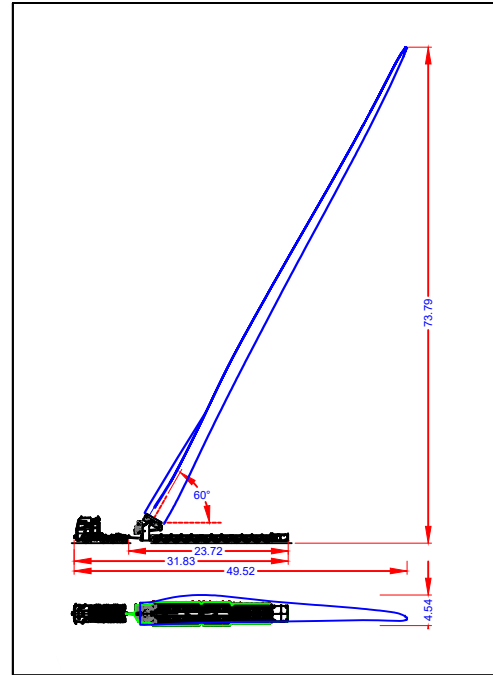
**\*\*Caution\*\***

- Third party land is required on the nearside of the bend to allow the rear projection to oversail.
- Road widening is required on the offside of the left bend as indicated by red hatching.
- Oversail will occur on both sides of the road in the areas in solid blue shading.
- Overhead wires crossing the R314 are to be temporarily relocated to allow the elevated blade unobstructed passage through the airspace.
- The hedgerow on the offside is to be pruned.
- Manual steering & utilisation of the full extents of the road are required at this location.

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IRISH Grid Reference: G 02077 41174

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



Swept Path indicates trailer utilising MANUAL steering

Vestas  
V162 Blade  
MK4 Blade Lift Adapter elevated to 60°



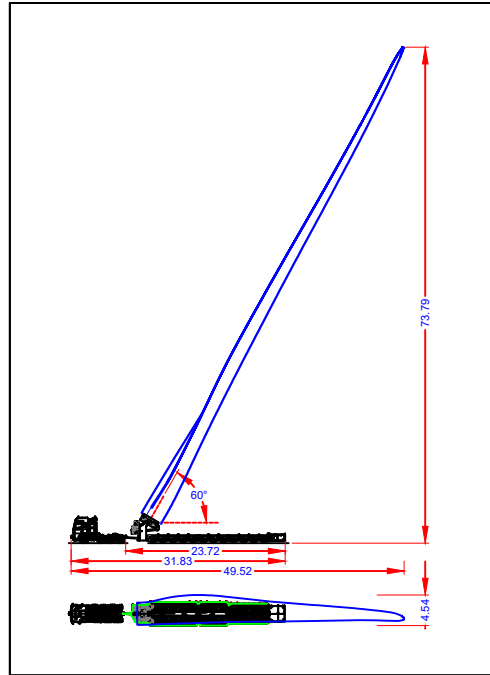
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Albert Road FAX: +44(0)8456 255244  
Halifax, HX2 0DF WEB: www.collett.co.uk

DRAWN R. WEBSTER  
DATE 14/04/2023  
SCALE 1:750 SIZE A3

TITLE RIGHT BEND ON R314, BELDERRIG 3  
MAPPING TOPOGRAPHICAL SURVEY CUSTOMER SSE  
PINCH POINT IDENTIFIED BY CLIENT SITE GLENORA DWG. NO. 348276-400G1.1

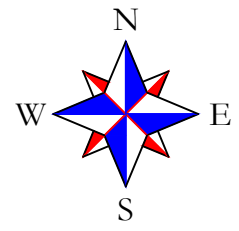
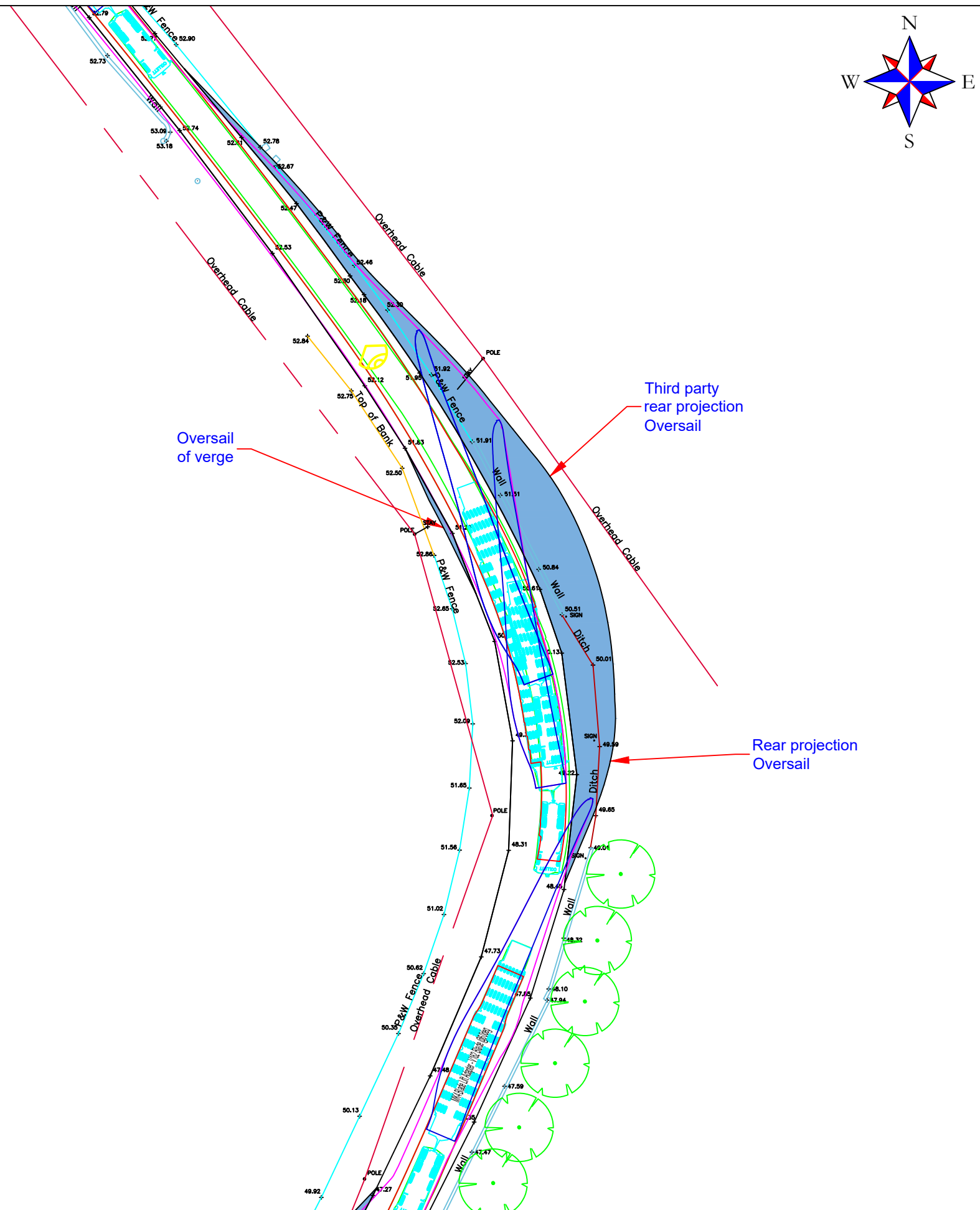


Direction of View



Swept Path indicates trailer utilising AUTOMATIC steering

Vestas  
V162 Blade  
MK4 Blade Lift Adapter elevated to 60°



Continue on the R314

**\*\*Caution\*\***

- Third party Oversail will occur on the nearside of the right bend. Further oversail occurs on the offside. Oversail is indicated by solid blue shading.
- Utilisation of the full extents of the road are required at this location.

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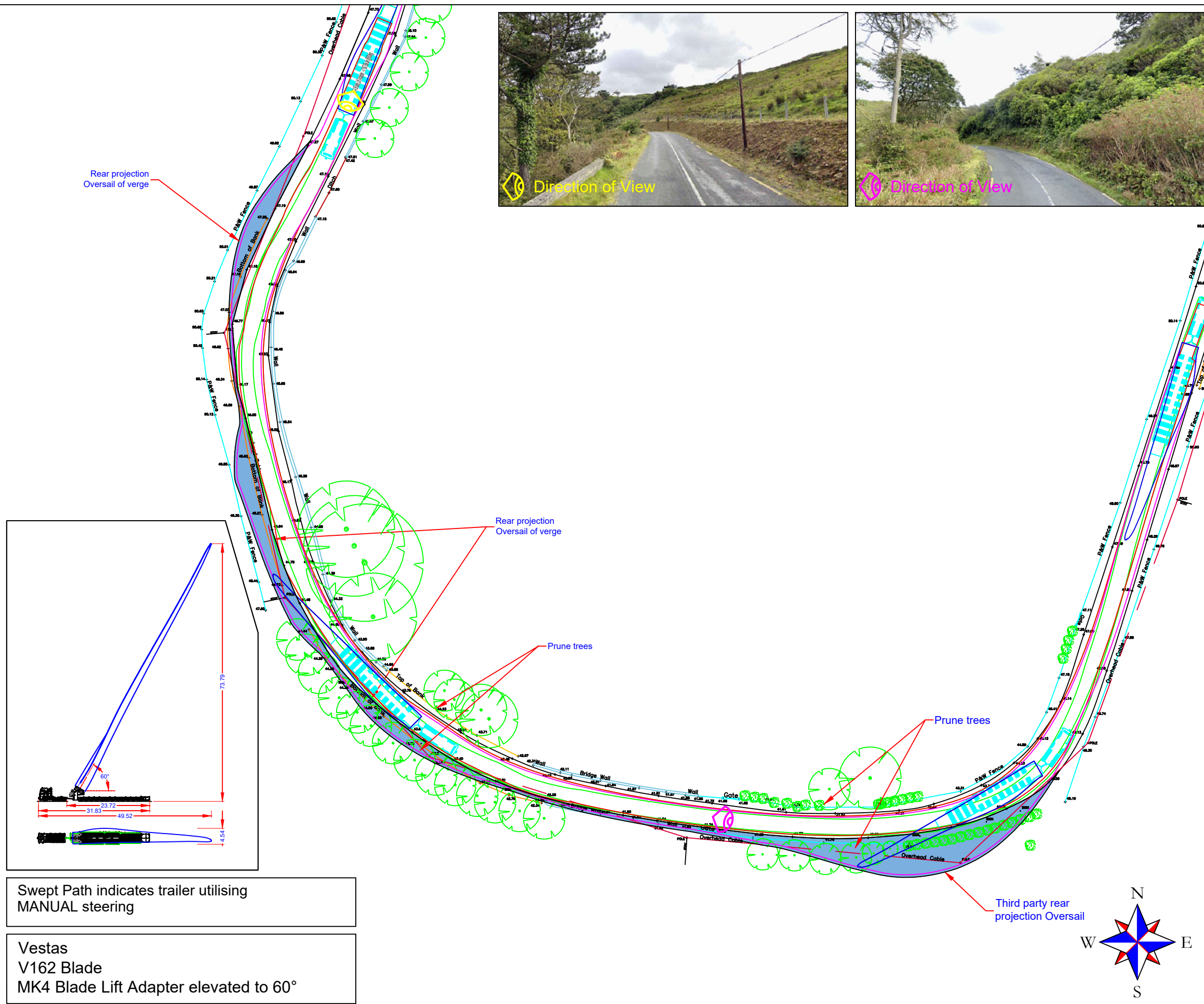
IRISH Grid Reference: G 02198 40938

- 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 ON R314, BELDERRIG 3	
DATE	17/04/2023	MAPPING TOPOGRAPHICAL SURVEY	CUSTOMER	SSE
SCALE	1:500	SIZE	A3	PINCH POINT IDENTIFIED BY CLIENT
			SITE	GLENORA DWG. NO. 348276-401G0.1



Continue on the R314

**\*\*Caution\*\***

- Third party rear projection will occur on the offside of the second of left bend. Further rear projection Oversail will occur on the offside of the road. Oversail is indicated by solid blue shading.
- Manual steering & utilisation of the full extents of the road are required at this location.

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IRISH Grid Reference: G 02231 40769

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

Swept Path indicates trailer utilising MANUAL steering

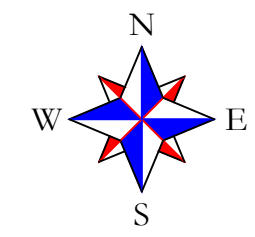
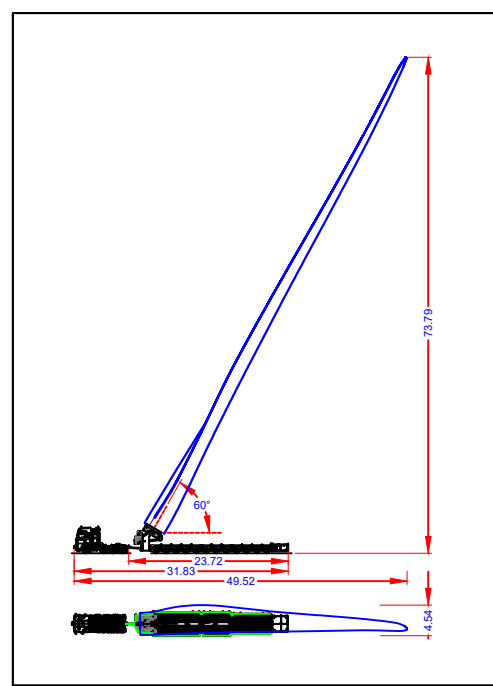
Vestas  
V162 Blade  
MK4 Blade Lift Adapter elevated to 60°



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DRAWN R. WEBSTER  
DATE 17/04/2023  
SCALE 1:750 SIZE A3

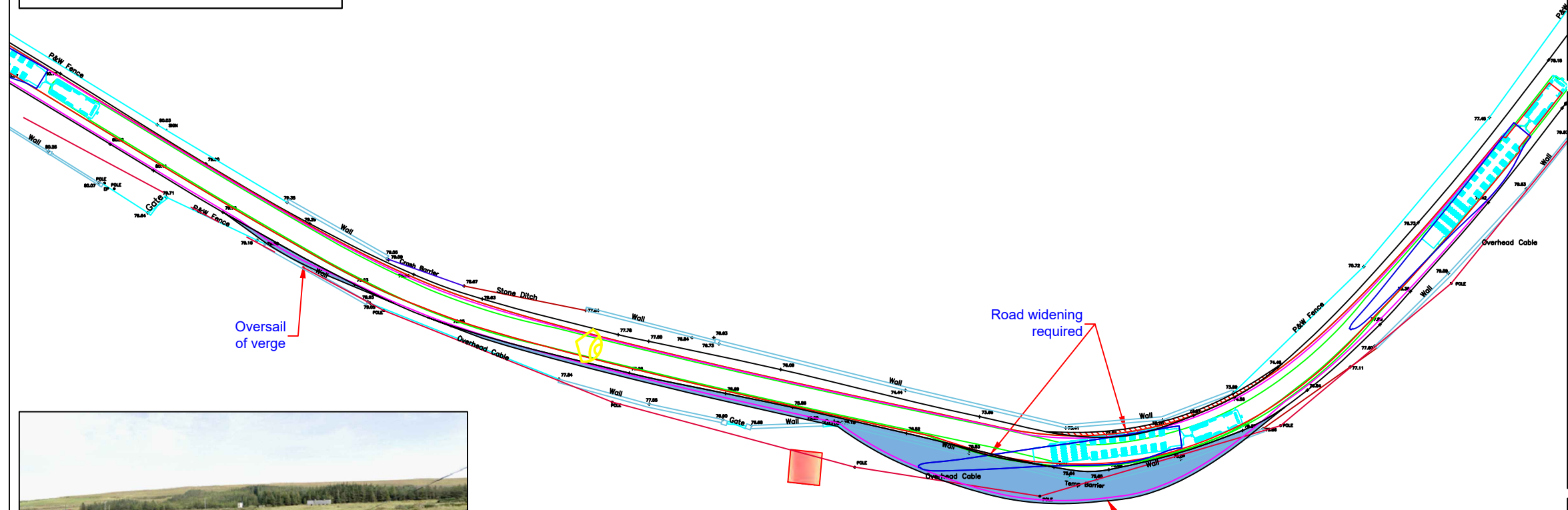
TITLE 'U' BEND ON R314, BELDERRIG 3  
MAPPING TOPOGRAPHICAL SURVEY CUSTOMER SSE  
PINCH POINT IDENTIFIED BY CLIENT SITE GLENORA DWG. NO. 348276-402E1.1



Continue on the R314

**\*\*Caution\*\***

- Third party Oversail will occur on the offside of the bend. Further oversail will occur on the offside of the road, as indicated by solid blue shading.
- Road widening is required on both sides of the bridge as indicated by red hatching.
- Utilisation of the full extents of the road are 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.



Swept Path indicates trailer utilising AUTOMATIC steering

Vestas  
V162 Blade  
MK4 Blade Lift Adapter elevated to 60°

IRISH Grid Reference: G 06693 39554

- 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

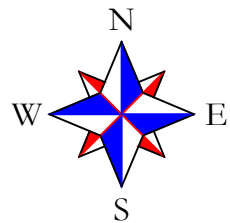
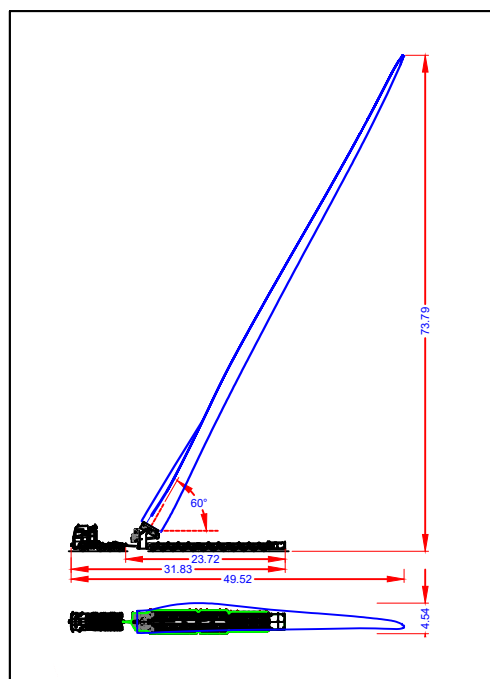


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DRAWN R. WEBSTER  
DATE 17/04/2023  
SCALE 1:750 SIZE A3

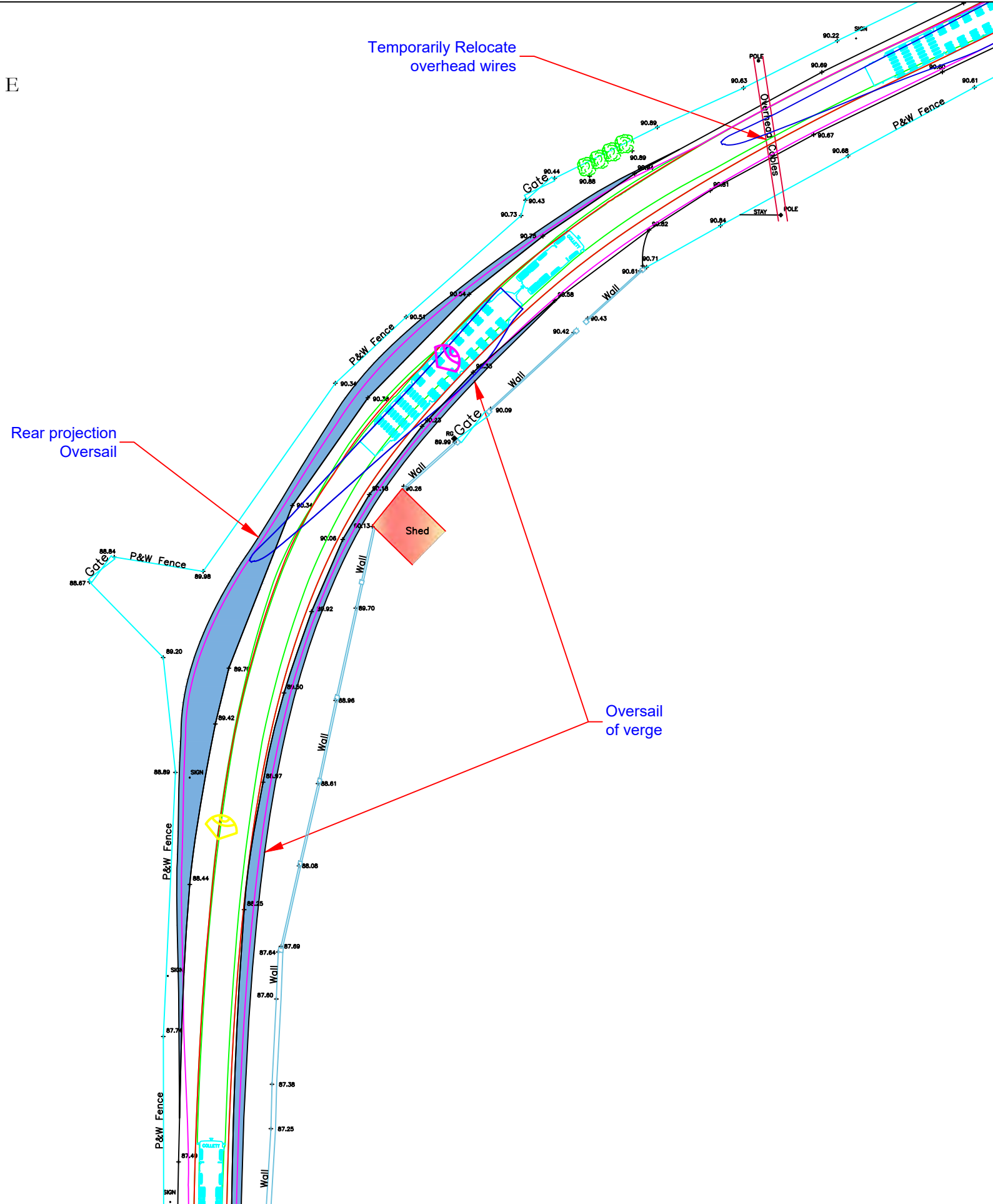
TITLE LEFT BEND ON R314, GLENURLA  
MAPPING TOPOGRAPHICAL SURVEY CUSTOMER SSE  
PINCH POINT IDENTIFIED BY CLIENT SITE GLENORA DWG. NO. 348276-410G0.1





Swept Path indicates trailer utilising AUTOMATIC steering

Vestas  
V162 Blade  
MK4 Blade Lift Adapter elevated to 60°



Continue on the R314

**\*\*Caution\*\***

- Rear projection Oversail will occur on the nearside of the bend. Further oversail will occur on the offside of the bend. Oversail is indicated by solid blue shading.
- Overhead cables crossing the R314 are to be temporarily relocated to allow the elevated blade unobstructed access through the airspace.
- Utilisation of the full extents of the road are 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 06870 40000

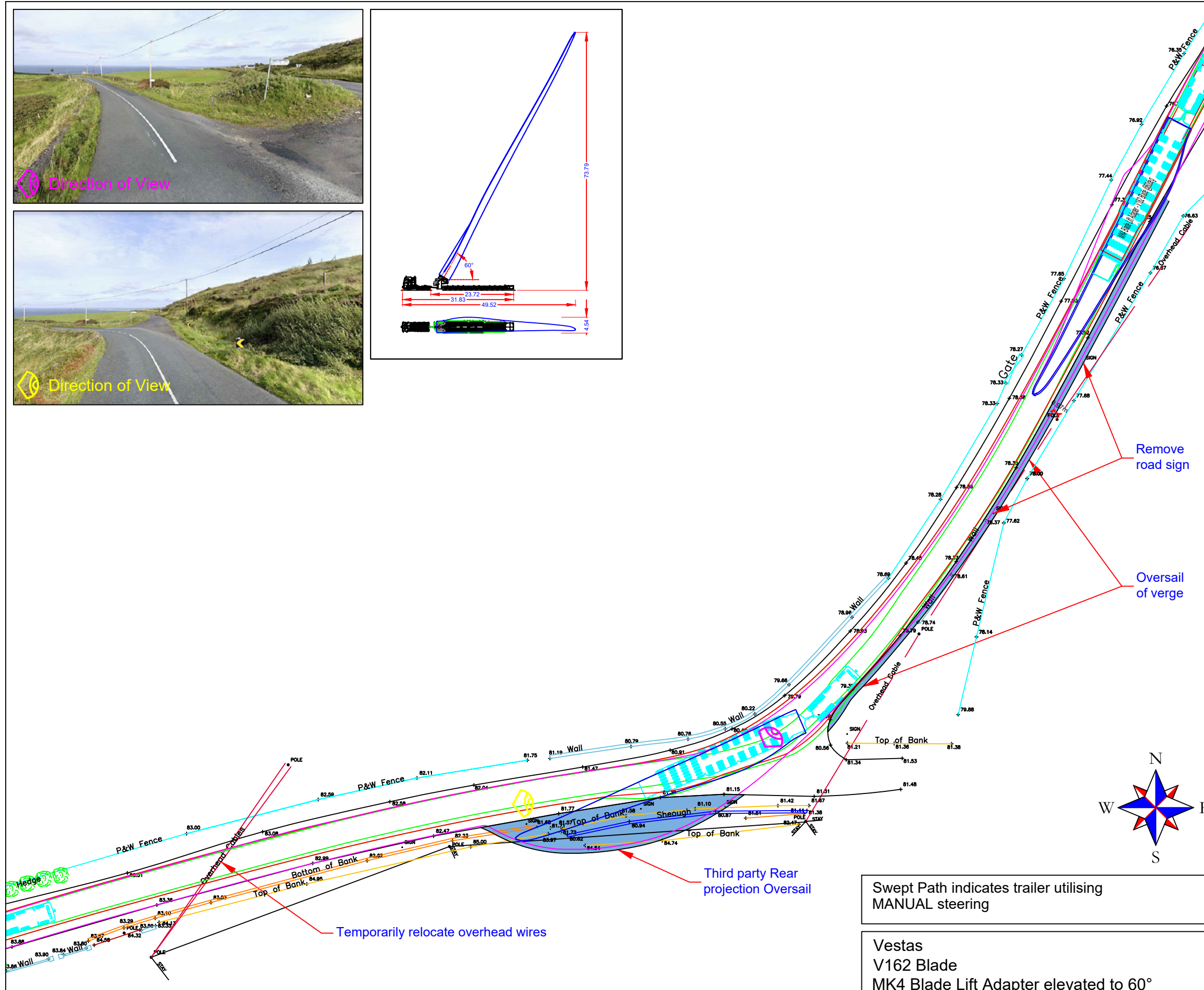
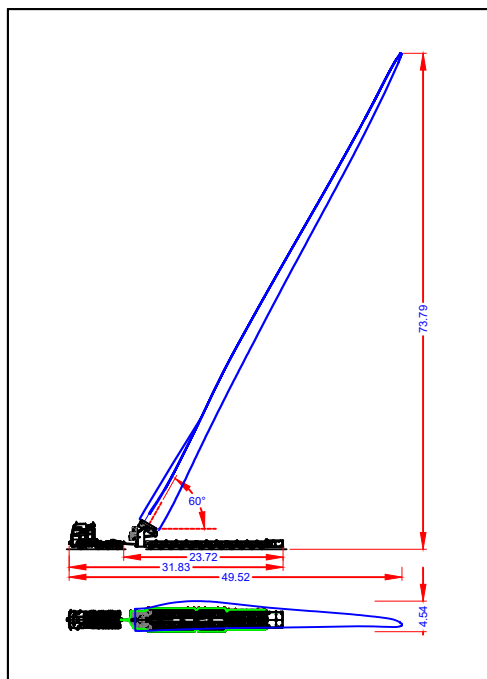
- Area within red outline will be swept by tractor and trailer axles
- ▨ Hatched area within red outline to be levelled and prepared to accept axle loadings
- Area within magenta outline will be oversailed by load and projections
- Area within green outline will be oversailed by trailer body



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DRAWN R. WEBSTER  
DATE 17/04/2023  
SCALE 1:500 SIZE A3

TITLE RIGHT BEND ON R314, GLENURLA  
MAPPING TOPOGRAPHICAL SURVEY CUSTOMER SSE  
PINCH POINT IDENTIFIED BY CLIENT SITE GLENORA DWG. NO. 348276-411G0.1



Continue on the R314

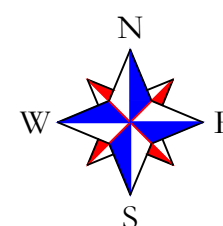
**\*\*Caution\*\***

- Third party land is required on the offside of the road prior to the bend to allow for rear projection oversail.
- Further oversail will occur on the offside after the bend. All oversail is demarked in solid blue shading.
- Overhead cables crossing the R314 are to be temporarily relocated to allow the elevated blade unobstructed access through the airspace.
- Street furniture on the offside of the route is to be removed where indicated.
- Manual steering & utilisation of the full extents of the road are 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 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 07349 40326

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



Swept Path indicates trailer utilising MANUAL steering

Vestas  
V162 Blade  
MK4 Blade Lift Adapter elevated to 60°



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

DRAWN R. WEBSTER  
DATE 17/04/2023  
SCALE 1:500 SIZE A3

TITLE LEFT BEND ON R314, JUNCTION WITH BELMULLET REDLOOP, MUNGELLY  
MAPPING TOPOGRAPHICAL SURVEY CUSTOMER SSE  
PINCH POINT IDENTIFIED BY CLIENT SITE GLENORA DWG. NO. 348276-420G1.1

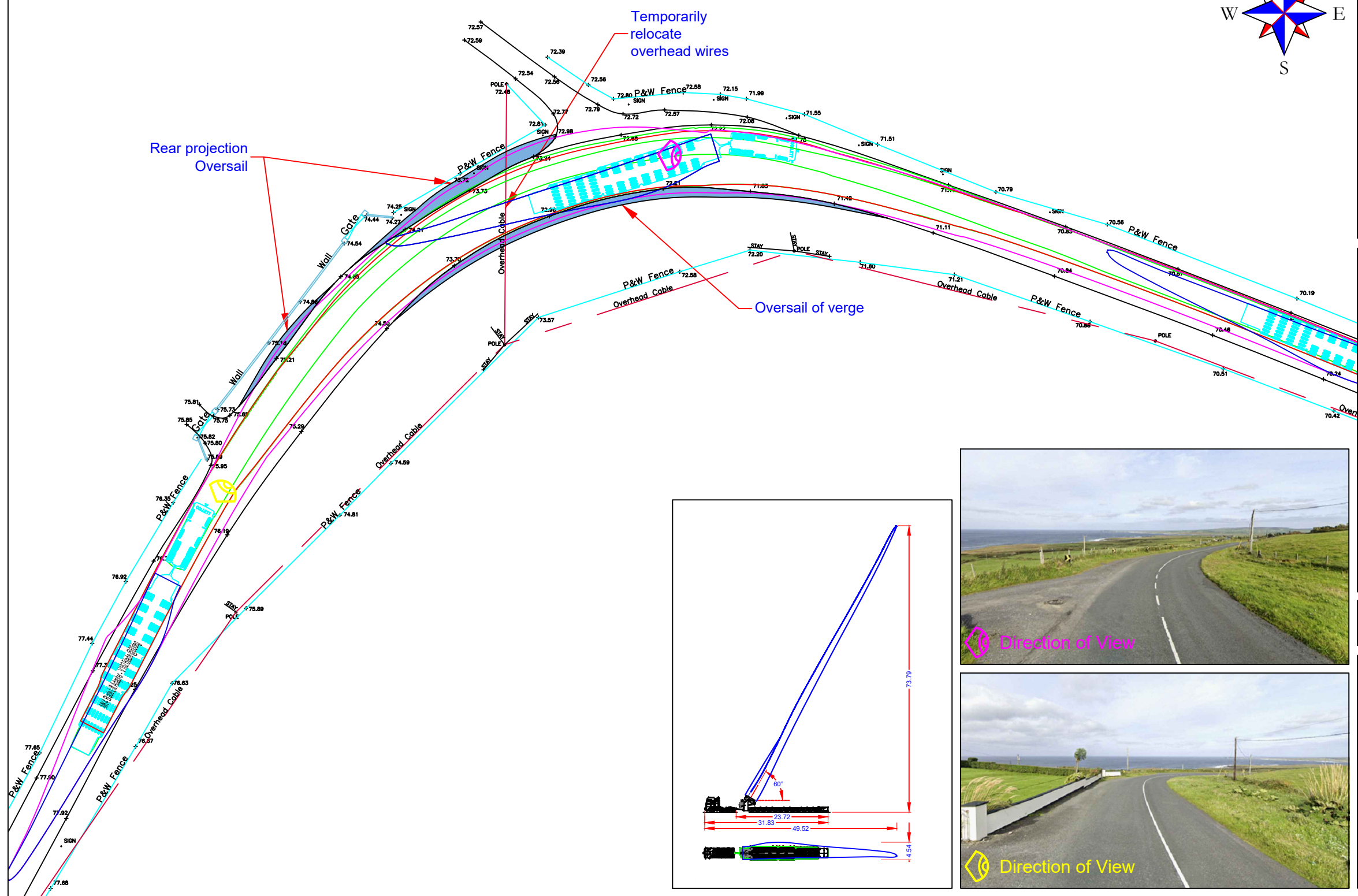
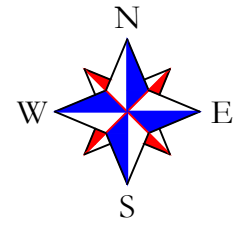
Swept Path indicates trailer utilising MANUAL steering

Vestas  
V162 Blade  
MK4 Blade Lift Adapter elevated to 60°

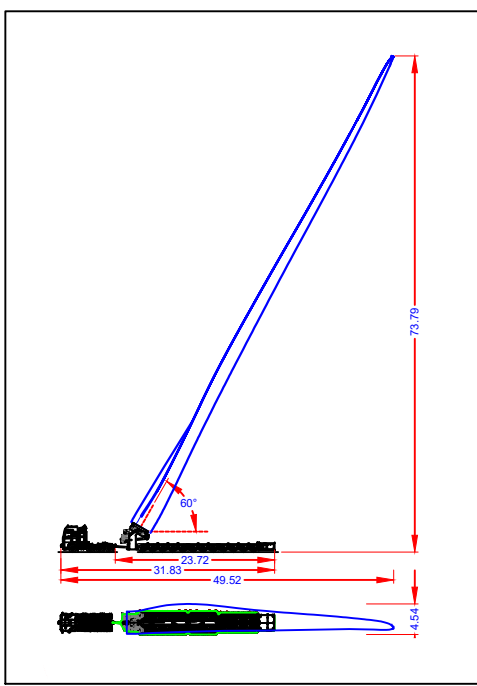
Continue on the R314

**\*\*Caution\*\***

- Rear projection Oversail will occur on the nearside of the bend. Further oversail will occur on the offside of the bend. Oversail is demarked by solid blue shading.
- Overhead cables crossing the R314 are to be temporarily relocated to allow the elevated blade unobstructed access through the airspace.
- Manual steering & utilisation of the full extents of the road are required at this location.



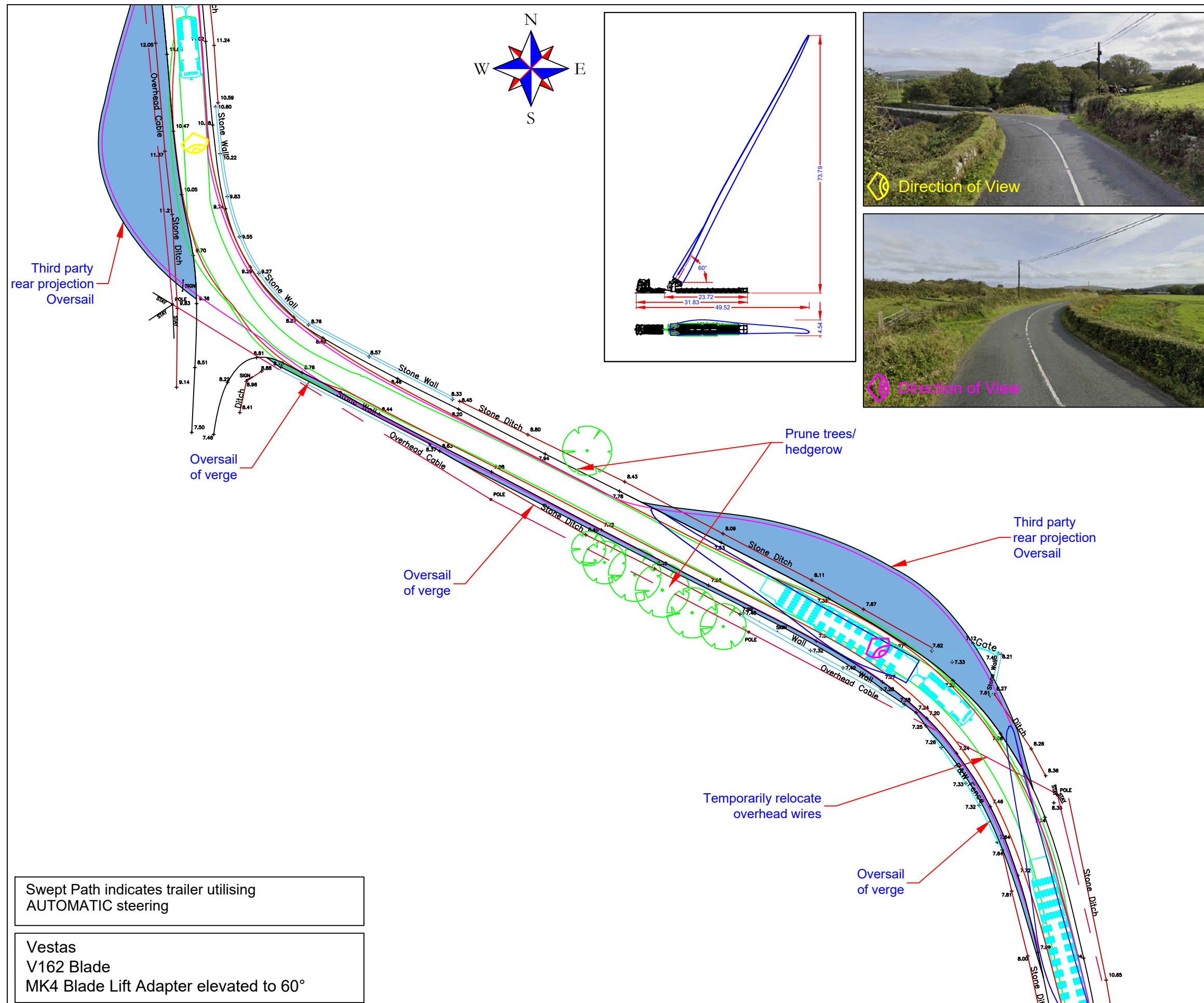
- The swept path analysis provided is produced from a purely transport orientated view, and does not consider any political issues in terms of land ownership, or any other precincts raised, that may otherwise be restrictive.
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- Turbine delivery vehicles 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.
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- 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 07448 40452

- 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

	<b>COLLETT &amp; SONS LIMITED</b> 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 17/04/2023 SCALE 1:500 SIZE A3	TITLE RIGHT BEND ON R314, MUNGELLY MAPPING TOPOGRAPHICAL SURVEY PINCH POINT IDENTIFIED BY CLIENT	CUSTOMER SSE SITE GLENORA DWG. NO. 348276-421G1.1
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Continue on the R314

**\*\*Caution\*\***

- Third party land is required on the offside of the left bend and the nearside of the right bend. Both land takes are to allow for rear projection oversail.
- Further Oversail will occur on the offside, after each of the bends as marked by the areas in solid blue shading.
- Overhead cables crossing the R314 are to be temporarily relocated to allow the elevated blade unobstructed access through the airspace.
- Trees/ vegetation on both sides of the road are to be pruned where necessary.
- Utilisation of the full extents of the road are 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.
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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.
- 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 09396 39329

- 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

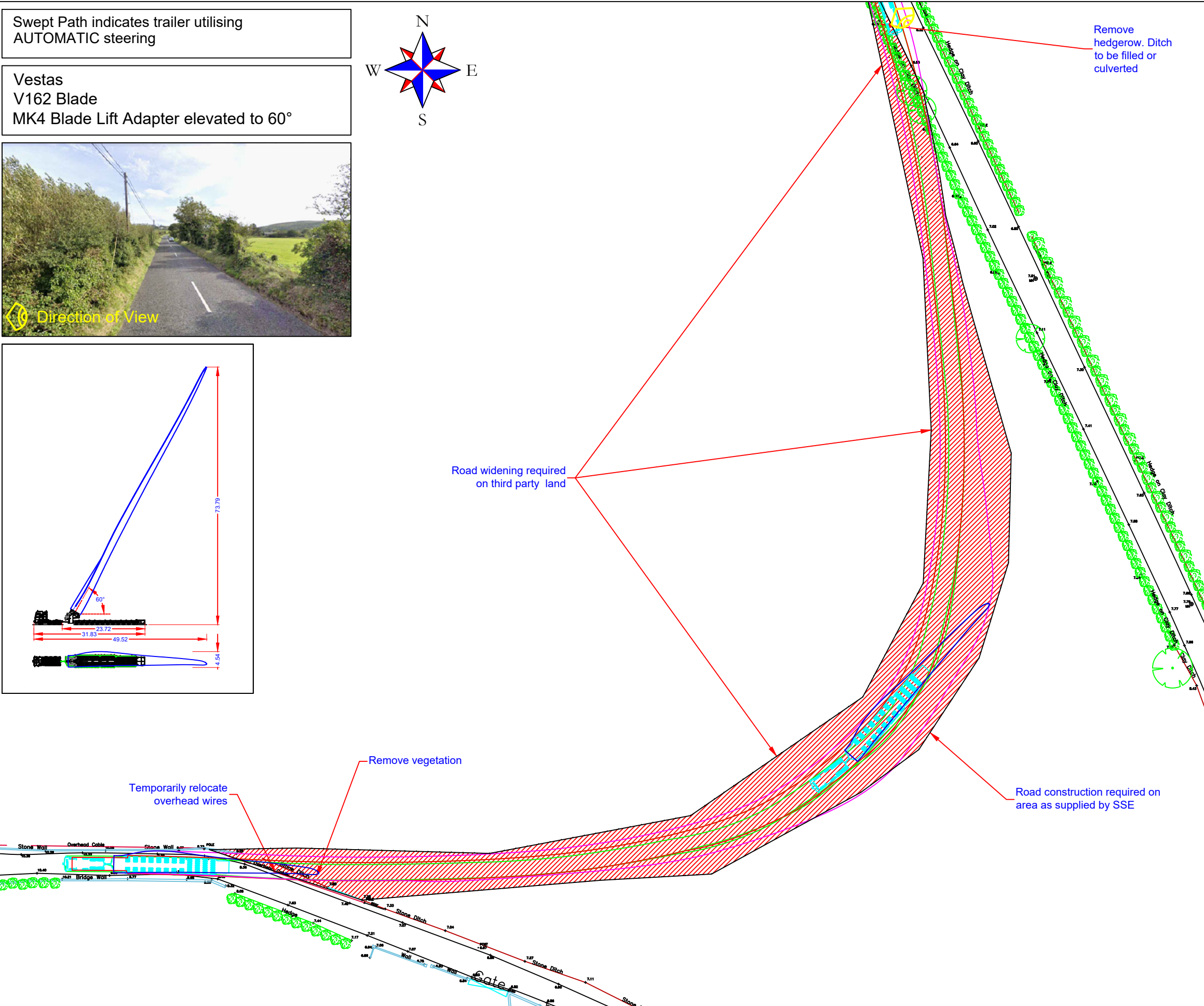
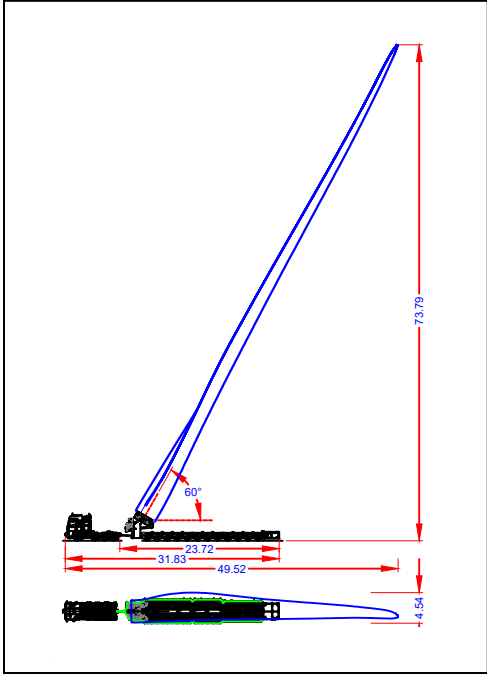
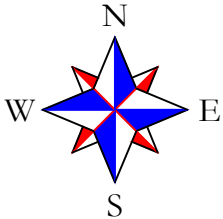
Swept Path indicates trailer utilising AUTOMATIC steering

Vestas  
V162 Blade  
MK4 Blade Lift Adapter elevated to 60°

	<b>COLLETT &amp; SONS LIMITED</b> 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 18/04/2023 SCALE 1:500 SIZE A3	TITLE 'S' BEND ON R314, KILLERDUFF MAPPING TOPOGRAPHICAL SURVEY PINCH POINT IDENTIFIED BY CLIENT	CUSTOMER SSE SITE GLENORA DWG. NO. 348276-430G0.1
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Swept Path indicates trailer utilising AUTOMATIC steering

Vestas  
V162 Blade  
MK4 Blade Lift Adapter elevated to 60°



Continue on the R314. Turn right at the junction onto the proposed road.

- \*\*Caution\*\***
- Third party land is required on the offside of the R314 to provide road widening and oversail.
  - A new roadway to meet unnamed road is to be built in the area supplied by SSE, as indicated by the area of red hatching. Vegetation is to be removed & ditches to be filled or culverted where appropriate at either end.
  - Overhead cables crossing the the unnamed road are to be temporarily relocated to allow the elevated blade unobstructed access through the airspace.
  - Utilisation of the full extents of the road are 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.

IRISH Grid Reference: G 10287 38003

- 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

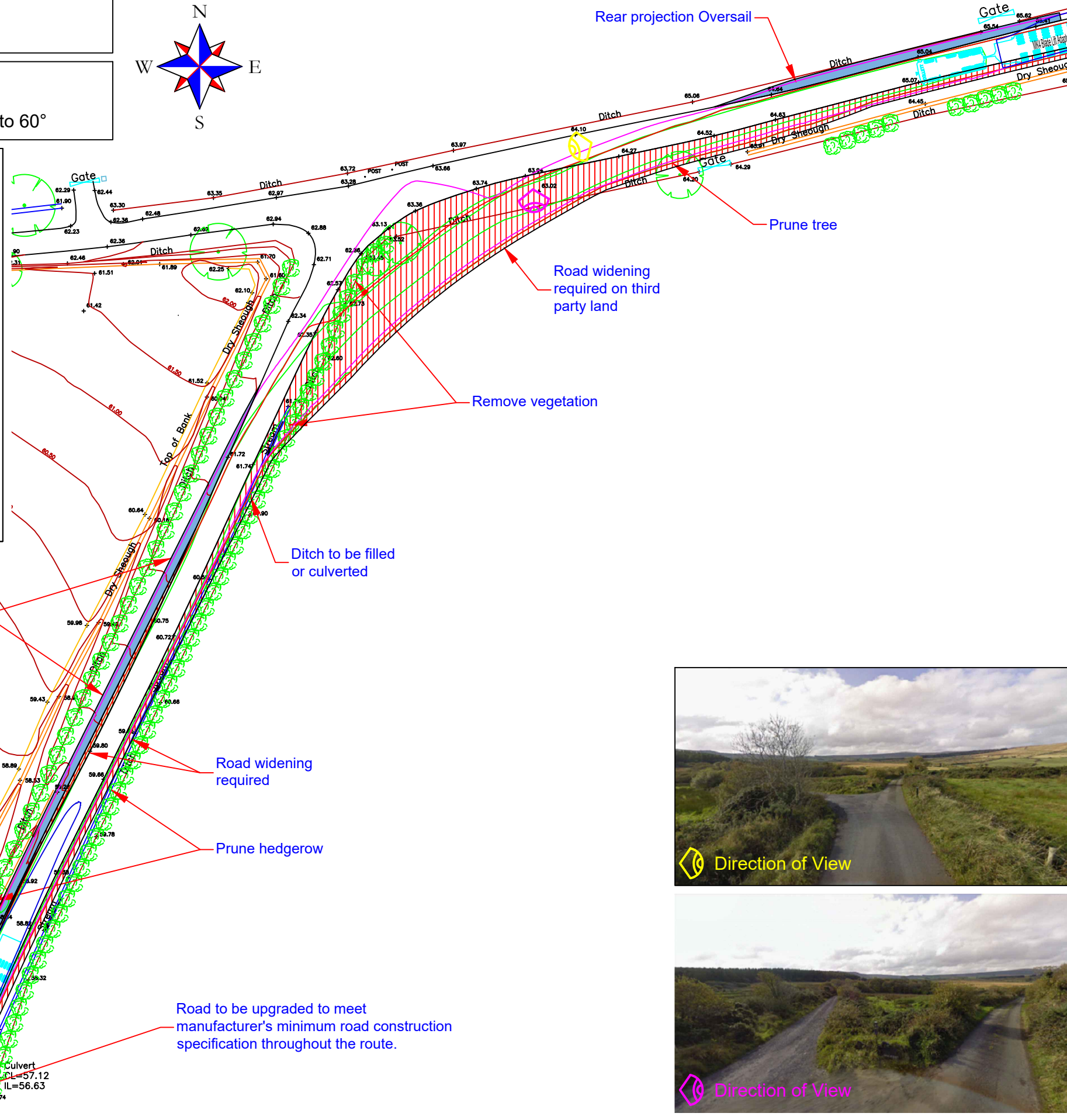
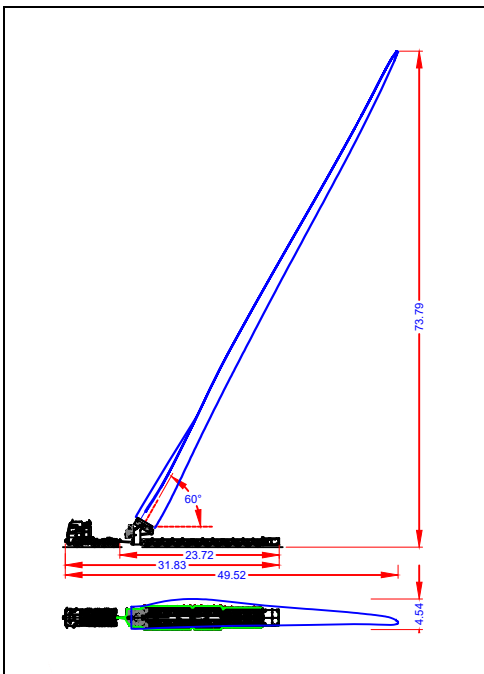
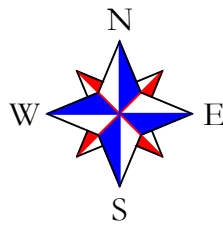


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Halifax, HX2 0DF WEB: www.collett.co.uk

DRAWN	R. WEBSTER	TITLE		PROPOSED JUNCTION OFF R314 nr BALLYCASTLE	
DATE	18/04/2023	MAPPING TOPOGRAPHICAL SURVEY	CUSTOMER		
SCALE	1:750	SIZE	A3	PINCH POINT IDENTIFIED BY	CLIENT
			SITE	GLENORA	DWG. NO. 348276-450G0.1

Swept Path indicates trailer utilising MANUAL steering

Vestas  
V162 Blade  
MK4 Blade Lift Adapter elevated to 60°



Continue on unnamed road. Turn left at junction with unnamed road.

**\*\*Caution\*\***

- Third party land is required on the nearside of the junction of the unnamed roads to provide road widening.
- Rear projection oversail will occur on the offside of the road prior to the junction. Oversail also occurs on the offside of the unnamed road after the junction.
- Vegetation is to be removed/ pruned where indicated.
- Ditches are to be filled or culverted where necessary.
- The route is to be upgraded to meet manufacturer's minimum road construction specification throughout the route.

- 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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- 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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- All dimensions in metres.



IRISH Grid Reference: G 08816 37477

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

DRAWN R. WEBSTER  
DATE 19/04/2023  
SCALE 1:500 SIZE A3

TITLE 'Y' JUNCTION ON UNNAMED ROAD, nr BALLYGLASS  
MAPPING TOPOGRAPHICAL SURVEY CUSTOMER SSE  
PINCH POINT IDENTIFIED BY CLIENT SITE GLENORA DWG. NO. 348276-460G0.1