

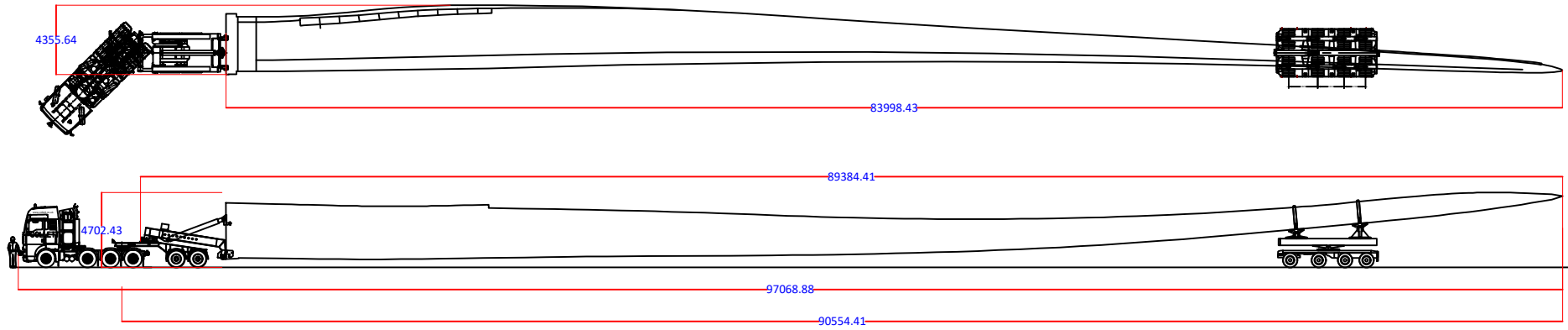
4.3. Blade – Blade Lift Adaptor Elevated		348276 - D
	Loaded vehicle dimensions	
Overall vehicle Length	52.02m	
Rigid Length	43.92m	
Width	4.33m	
Height	77.53m	
Gross Vehicle Weight	Unknown at this point in time due the amount of ballast required	
Maximum axle weight	Unknown at this point in time due the amount of ballast required	

4.4. Blade – Blade Lift Adaptor Lowered		348276 - D
	Loaded vehicle dimensions	
Overall vehicle Length	96.27m	
Rigid Length	88.16m	
Width	4.36m	
Height	4.78m	
Gross Vehicle Weight	Unknown at this point in time due the amount of ballast required	
Maximum axle weight	Unknown at this point in time due the amount of ballast required	

1 2 3 4 5 6 7 8 9 10 11 12 13 14

DO NOT SCALE - IF IN DOUBT ASK

A
B
C
D
E
F
G
H
I



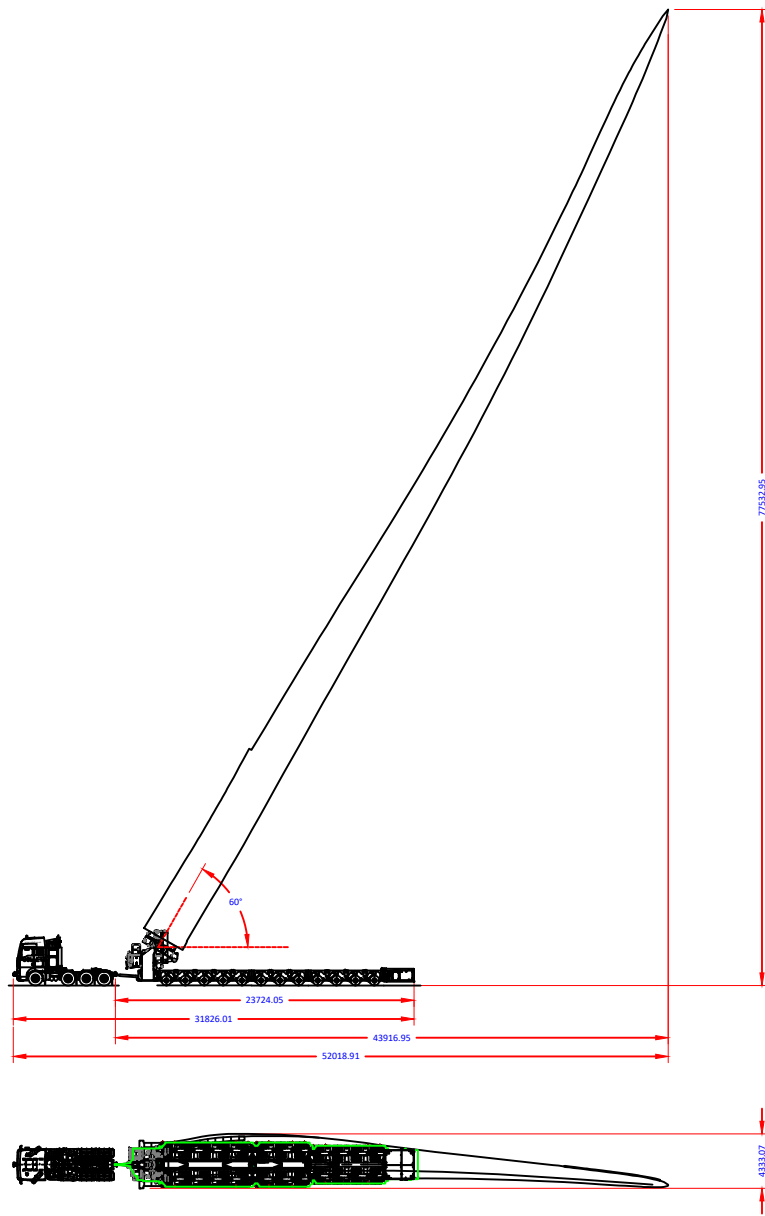
COLLETT & SONS LIMITED
 Victoria Terminal
 Albert Road
 Halifax, HX2 0DF
 TEL: +44(0)8456 255288
 FAX: +44(0)8456 255244
 WEB: www.collett.co.uk

DRAWN GORAN.M
 DATE 21/02/2023
 SCALE 1:325 SIZE A4

TITLE SIEMENS SG170 BLADE - CLAMP AND BOGEY
 SITE SHESKIN WIND FARM
 CUSTOMER SSE RENEWABLES IRELAND
 DRG No. 348276 - C

1 2 3 4 5 6 7 8 9 10 11 12 13 14

DO NOT SCALE - IF IN DOUBT ASK



COLLETT
EXPERTS IN MOTION

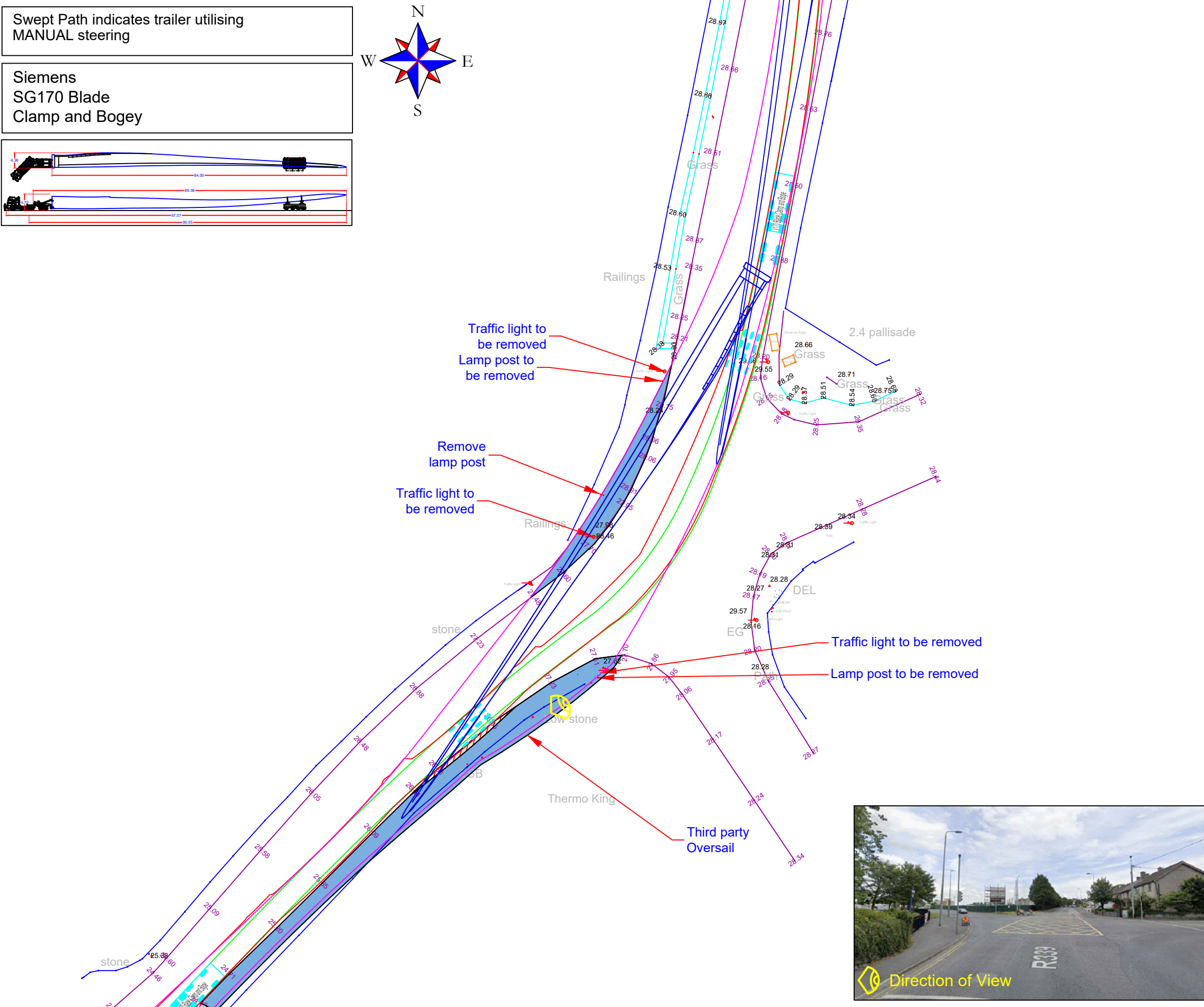
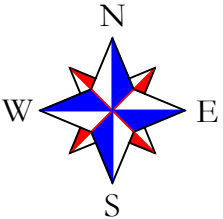
COLLETT & SONS LIMITED
Victoria Terminal
Albert Road
Halifax, HX2 0DF
TEL: +44(0)8456 255288
FAX: +44(0)8456 255244
WEB: www.collett.co.uk

DRAWN GORAN.M
DATE 21/02/2023
SCALE 1:325 SIZE A4

TITLE SIEMENS SG170 BLADE - LIFT ADAPTER 60D
SITE SHESKIN WIND FARM
CUSTOMER SSE RENEWABLES IRELAND
DRG No. 348276 - D

Swept Path indicates trailer utilising MANUAL steering

Siemens SG170 Blade Clamp and Bogey



Continue to

****Caution****

- Third party land is required on the offside for oversail.
- Further oversail will occur on the nearside of the R339.
- Three lamp posts & three traffic light columns are to be removed on either side of the junction.
- 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 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 31793 26674

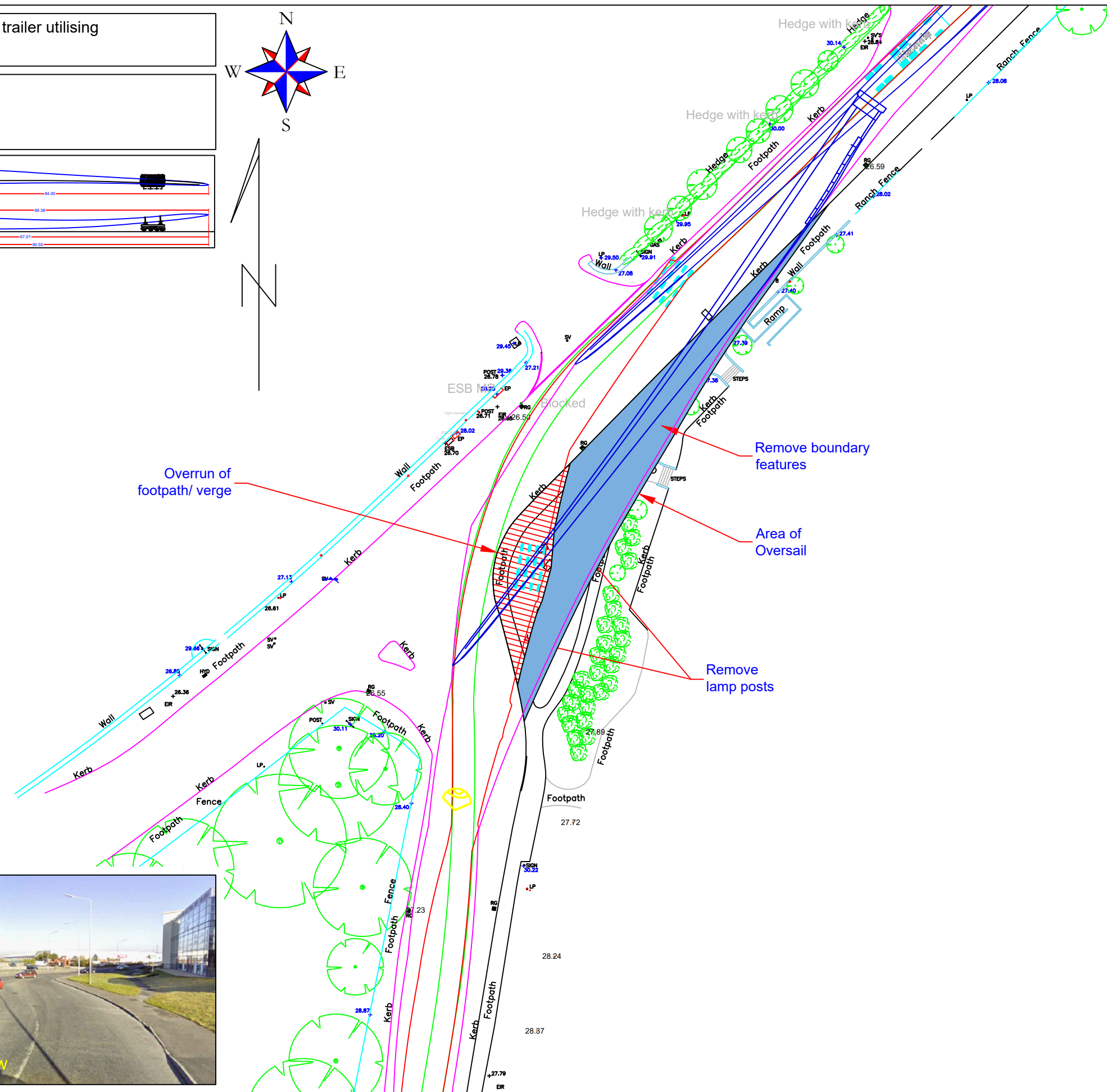
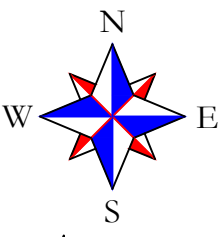
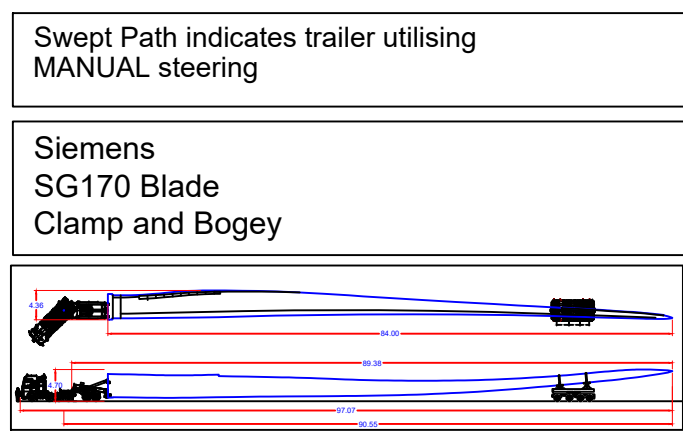
- Area within red outline will be swept by tractor and trailer axles
- ▨ Hatched area within red outline to be levelled and prepared to accept axle loadings
- Area within magenta outline will be oversailed by load and projections
- Area within green outline will be oversailed by trailer body



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

DRAWN G. MOHAMMADI
 DATE 20/02/2023
 SCALE 1:500 SIZE A3

TITLE JUNCTION OF CONNOLLY AVENUE & MONIVEA ROAD, GALWAY
 MAPPING TOPOGRAPHICAL SURVEY CUSTOMER SSE
 PINCH POINT IDENTIFIED BY CLIENT SITE SHESKIN & GLENORA DWG. NO. 348276-045C1.1



Continue to

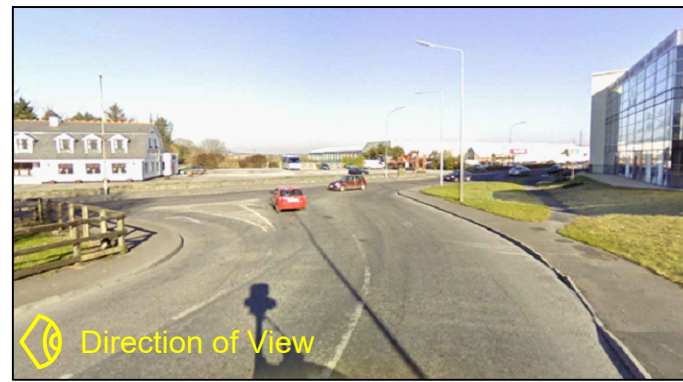
****Caution****

- Overrun is required on the offside of the junction as indicated in the red hatched area.
- Oversail will occur on the offside of the junction.
- Two lamp posts are to be removed on the offside of the junction.
- Boundary features are to be removed where indicated.
- 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 31840 26979

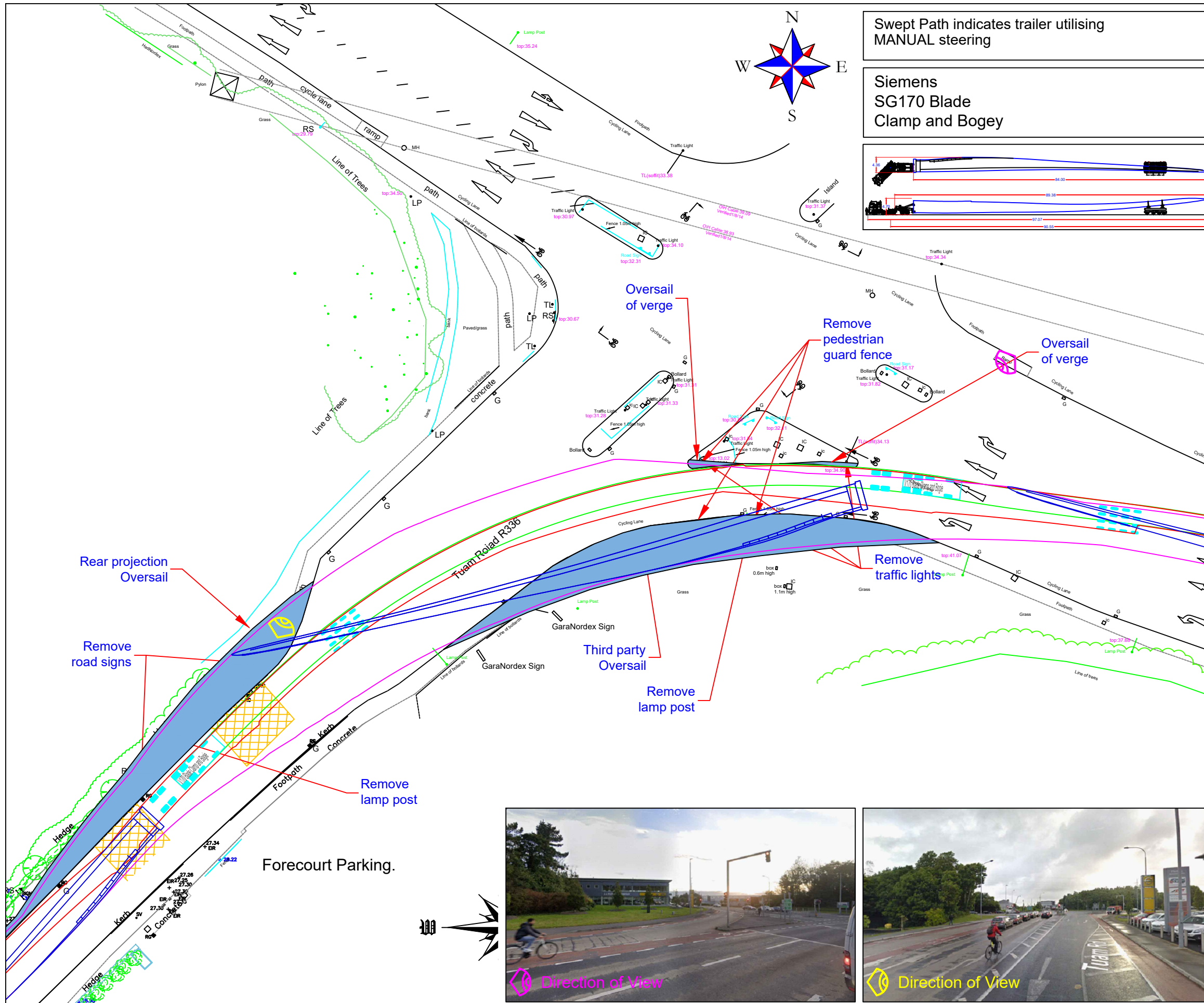
- Area within red outline will be swept by tractor and trailer axles
- ▨ Hatched area within red outline to be levelled and prepared to accept axle loadings
- Area within magenta outline will be oversailed by load and projections
- Area within green outline will be oversailed by trailer body



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

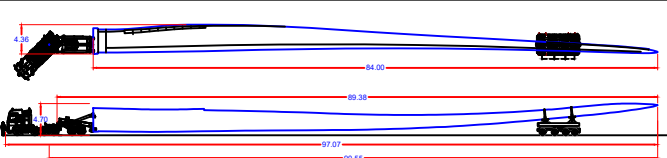
DRAWN G. MOHAMMADI
 DATE 20/02/2023
 SCALE 1:500 SIZE A3

TITLE JUNCTION OF CONNOLLY AVENUE & TUAM ROAD, GALWAY
 MAPPING TOPOGRAPHICAL SURVEY CUSTOMER SSE
 PINCH POINT IDENTIFIED BY CLIENT SITE SHESKIN & GLENORA DWG. NO. 348276-050C1.1



Swept Path indicates trailer utilising MANUAL steering

Siemens SG170 Blade Clamp and Bogey



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, traffic island and the offside of the junction as the vehicle contraflows the N6 exit. Oversail is indicated by areas of solid blue.
- Street furniture 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 highway boundaries. The boundaries between private land and highway 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 31840 26979

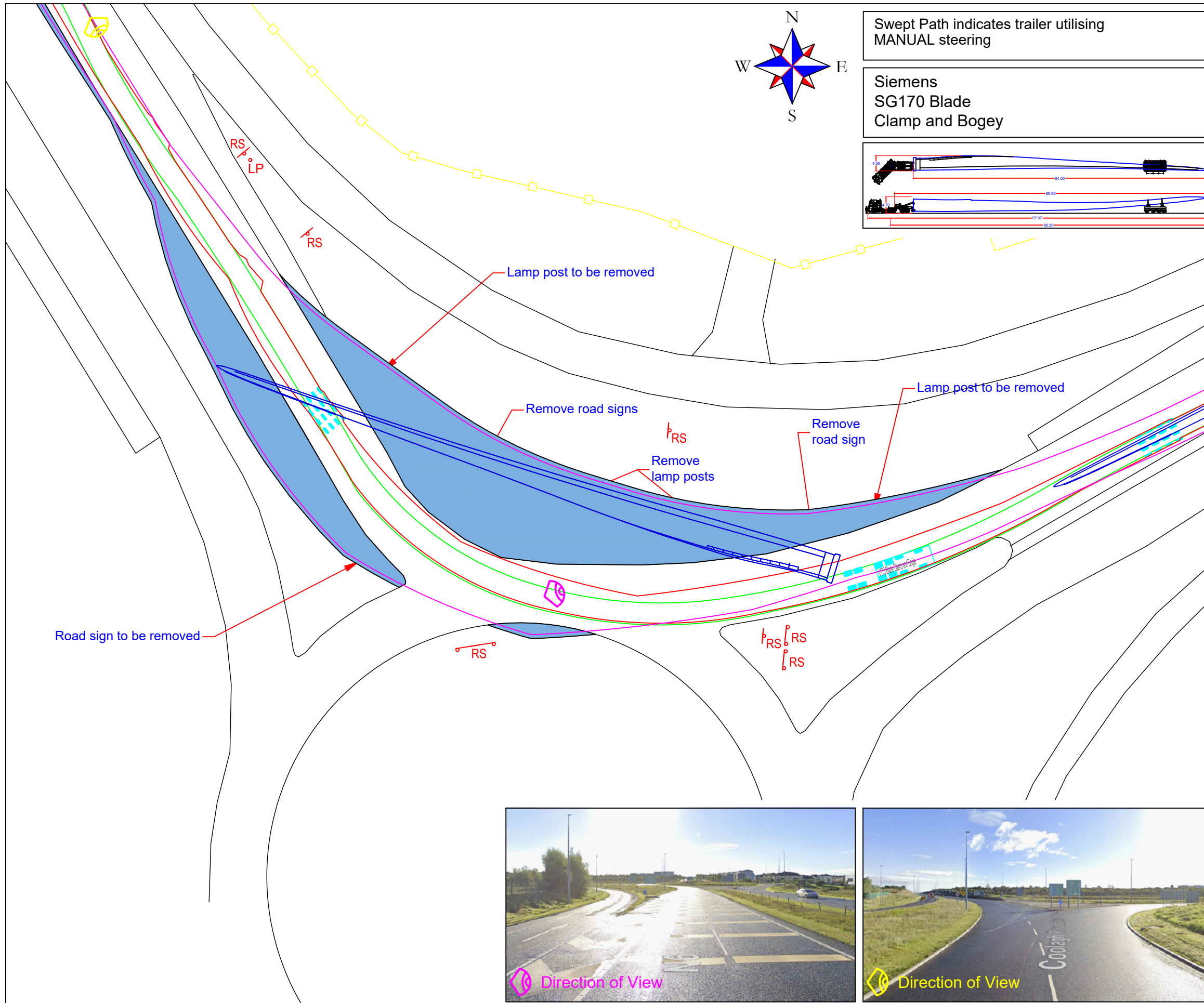
- Area within red outline will be swept by tractor and trailer axles
- ▨ Hatched area within red outline to be levelled and prepared to accept axle loadings
- Area within magenta outline will be oversailed by load and projections
- Area within green outline will be oversailed by trailer body



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

DRAWN G. MOHAMMADI
 DATE 20/02/2023
 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. 348276-055C1.1



Swept Path indicates trailer utilising MANUAL steering

Siemens SG170 Blade Clamp and Bogey

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

****Caution****

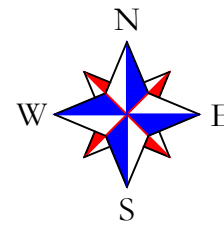
- Oversail will occur on both sides of the roundabout entry and the roundabout island.
- Street furniture is to be removed where indicated.
- Manual steering & utilisation of the full extents of the road are required at this location.
- A topographical survey would be recommended at this location to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

- 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 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

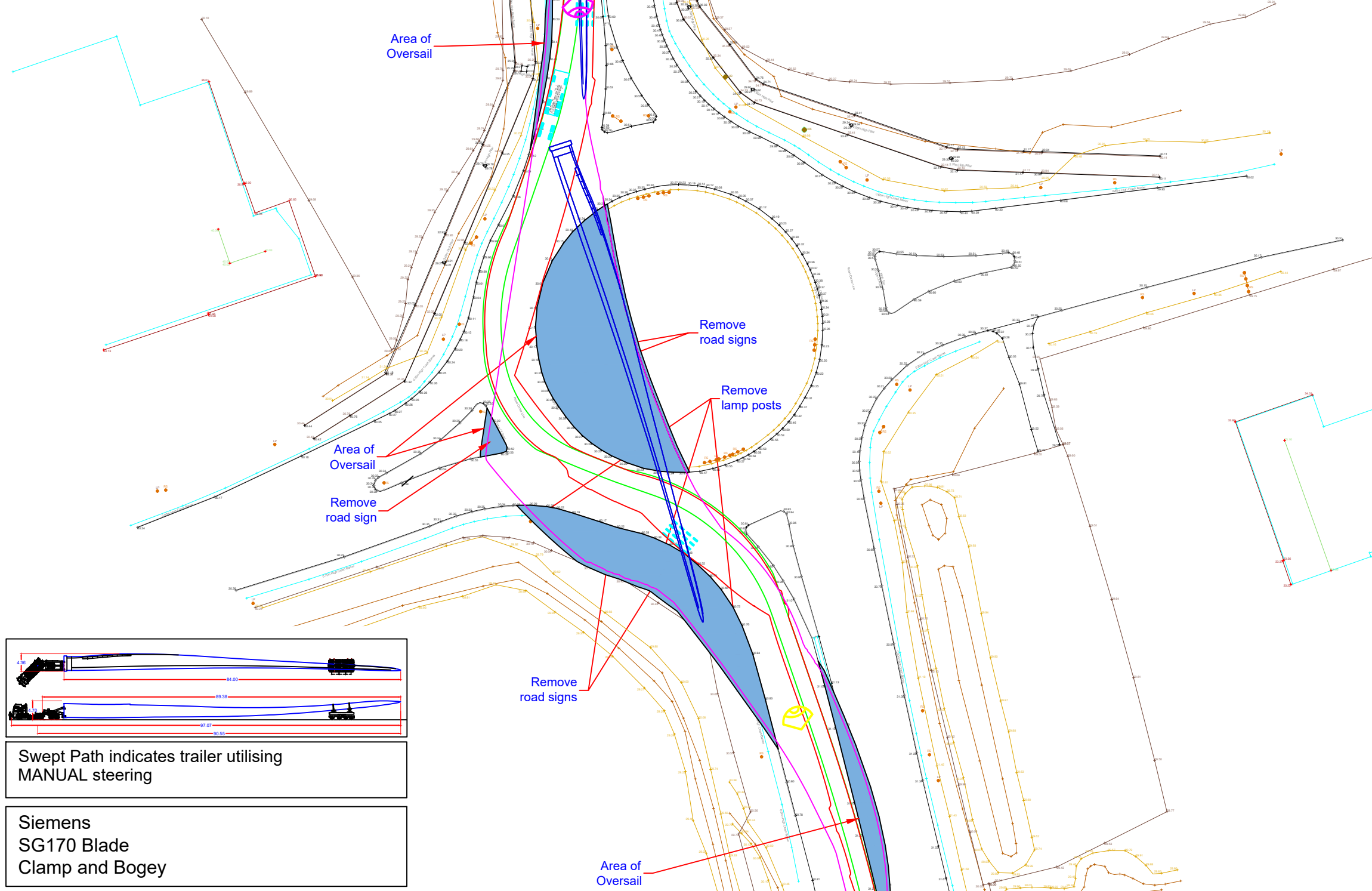
	COLLETT & SONS LIMITED Victoria Terminal TEL: +44(0)8456 255288 Albert Road FAX: +44(0)8456 255244 Halifax, HX2 0DF WEB: www.collett.co.uk	DRAWN G. MOHAMMADI DATE 20/02/2023 SCALE 1:500 SIZE A3	TITLE MAPPING AERIAL IMAGERY PINCH POINT IDENTIFIED BY COLLETT	CUSTOMER SHESKIN & GLENORA DWG. NO. 348276-056C1.1
	COOLAGH ROUNDABOUT - N6, GALWAY			SSE



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

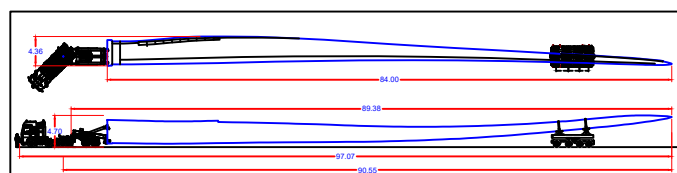
****Caution****

- Oversail will occur on both sides of the entry and exits of the roundabout, the N83 splitter island and the roundabout island.
- Street furniture 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 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 41754 51141



Swept Path indicates trailer utilising MANUAL steering

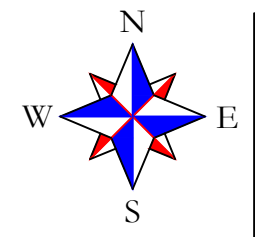
Siemens
SG170 Blade
Clamp and Bogey

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

	COLLETT & SONS LIMITED Victoria Terminal TEL: +44(0)8456 255288 Albert Road FAX: +44(0)8456 255244 Halifax, HX2 0DF WEB: www.collett.co.uk	DRAWN G. MOHAMMADI DATE 20/02/2023 SCALE 1:750	TITLE KILMORE ROUNDABOUT - M17/N83, TUAM MAPPING AERIAL IMAGERY PINCH POINT IDENTIFIED BY COLLETT	CUSTOMER SSE SITE SHESKIN & GLENORA DWG. NO. 348276-057C1.1
	SIZE A3	SIZE A3	SIZE A3	SIZE A3
	SIZE A3	SIZE A3	SIZE A3	SIZE A3

Swept Path indicates trailer utilising MANUAL steering

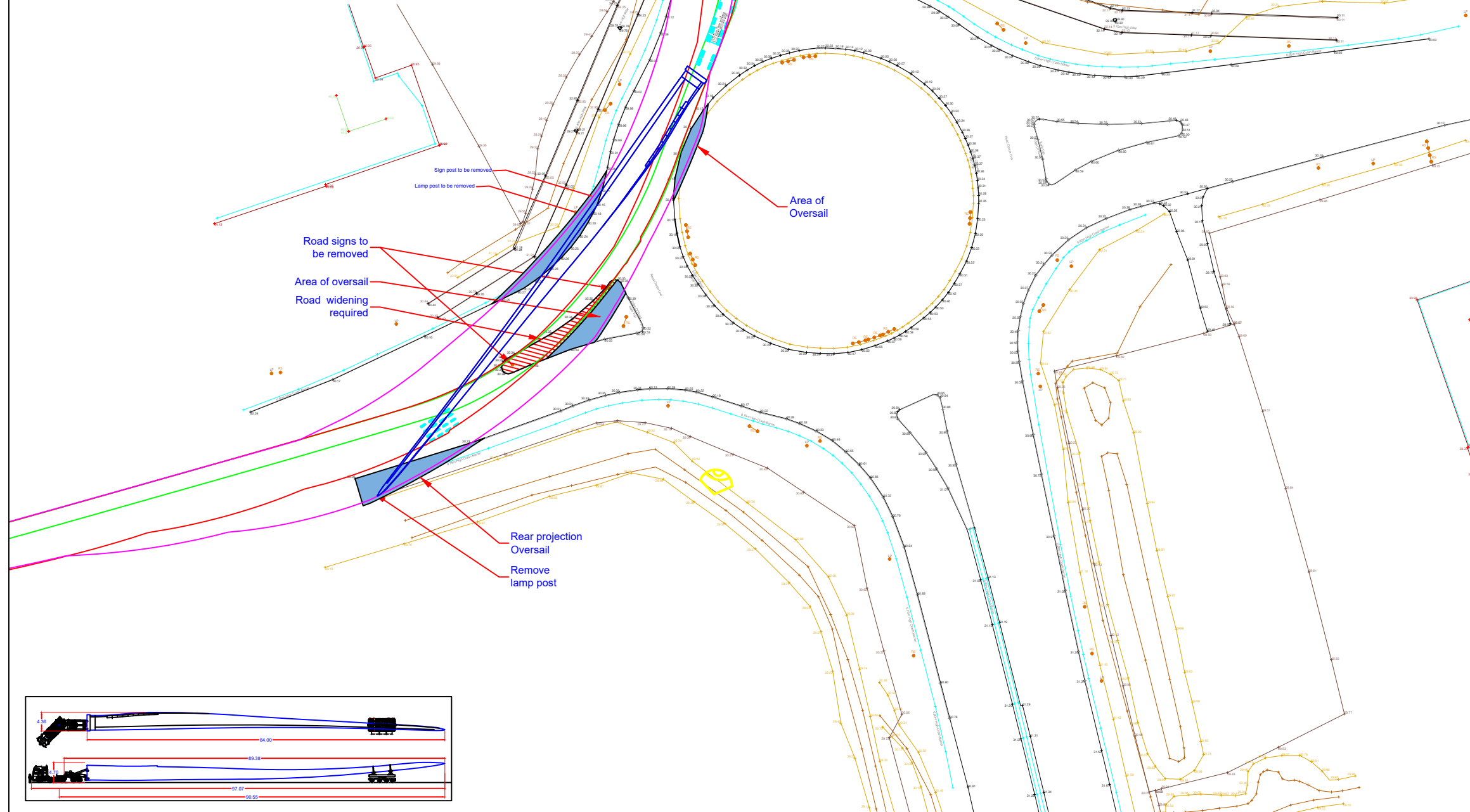
Siemens SG170 Blade Clamp and Bogey



Approach roundabout on N83 in contraflow. At the roundabout, take first exit on the left onto N17 towards Sligo.

****Caution****

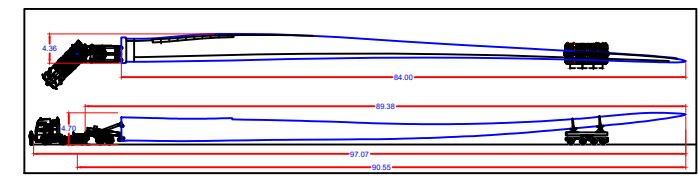
- Road widening is required to the entry splitter island as indicated in the red hatched area. This is to avoid a clash with the footbridge on the nearside.
- Oversail will occur on both sides of the entry, the entry splitter island and the roundabout island.
- Street furniture is to be removed where 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 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 41754 51141

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

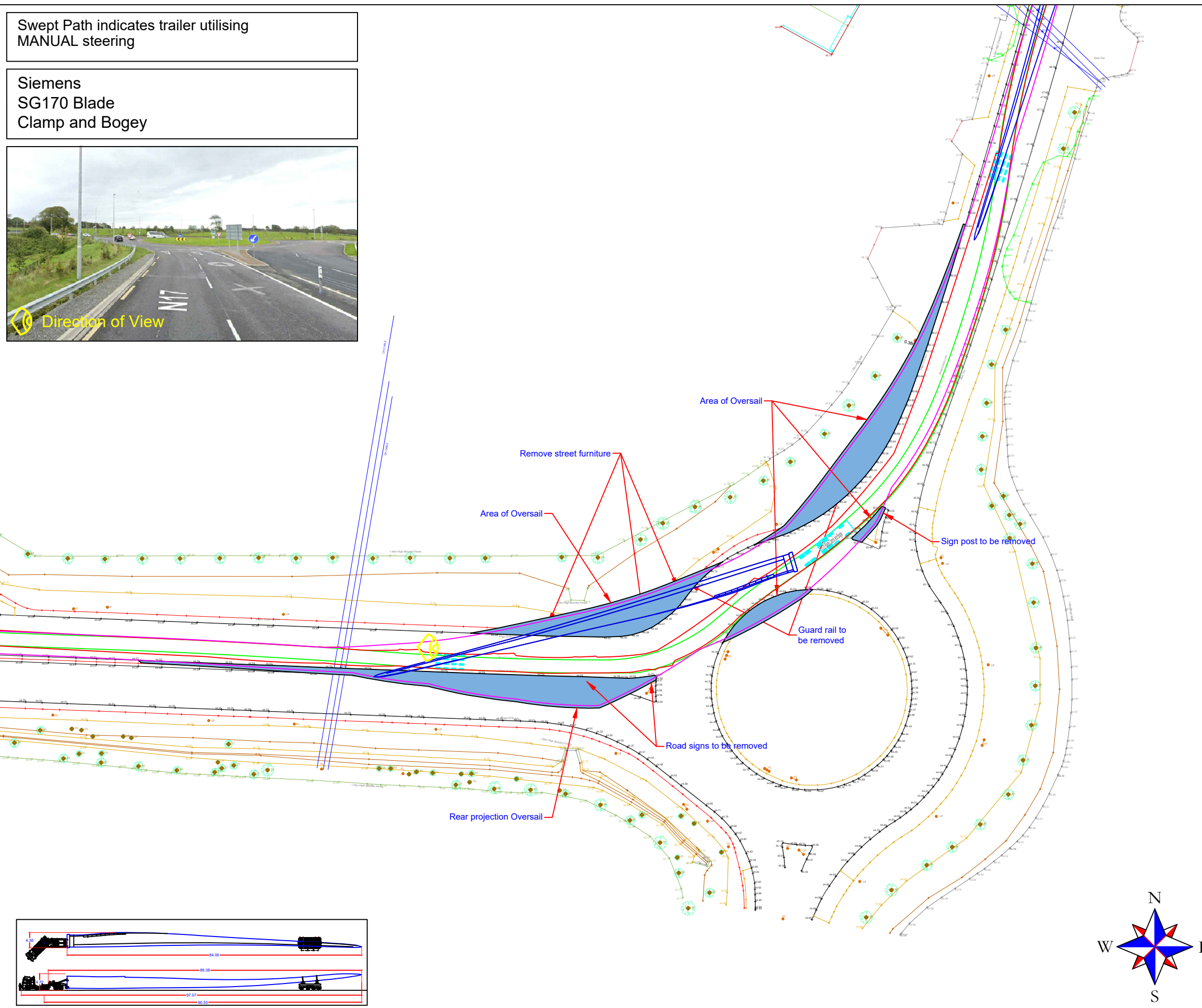


COLLETT & SONS LIMITED
 Victoria Terminal TEL: +44(0)8456 255288
 Albert Road FAX: +44(0)8456 255244
 Halifax, HX2 0DF WEB: www.collett.co.uk

DRAWN	G. MOHAMMADI	TITLE	KILMORE ROUNDABOUT, TUAM	
DATE	20/02/2023	MAPPING TOPOGRAPHICAL SURVEY	CUSTOMER	SSE
SCALE	1:750	SIZE	A3	PINCH POINT IDENTIFIED BY CLIENT
		SITE	SHESKIN & GLENORA	DWG. NO. 348276-060C1.1

Swept Path indicates trailer utilising MANUAL steering

Siemens SG170 Blade Clamp and Bogey



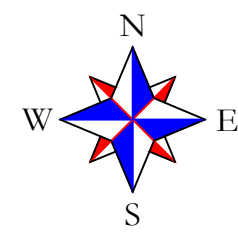
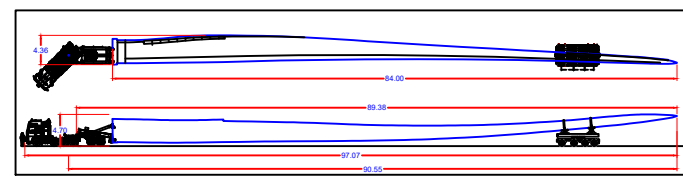
Continue on N83. At the roundabout, take first exit on the left, continuing onto N17 towards Sligo. ****Caution****

- Oversail will occur on the nearside entry and exits, the entry splitter island, exit splitter island and the roundabout island.
- Street furniture is to be removed where indicated.
- 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 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 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



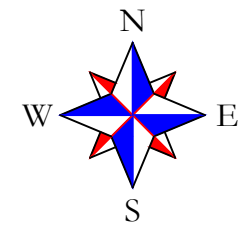
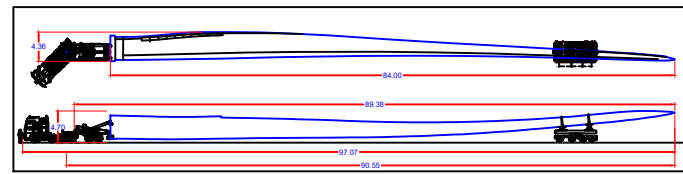
COLLETT & SONS LIMITED
 Victoria Terminal TEL: +44(0)8456 255288
 Albert Road FAX: +44(0)8456 255244
 Halifax, HX2 0DF WEB: www.collett.co.uk

DRAWN G. MOHAMMADI
 DATE 20/02/2023
 SCALE 1:750 SIZE A3

TITLE MOUNTPOTTER ROUNDABOUT, TUAM
 MAPPING TOPOGRAPHICAL SURVEY CUSTOMER SSE
 PINCH POINT IDENTIFIED BY CLIENT SITE SHESKIN & GLENORA DWG. NO. 348276-070C1.1

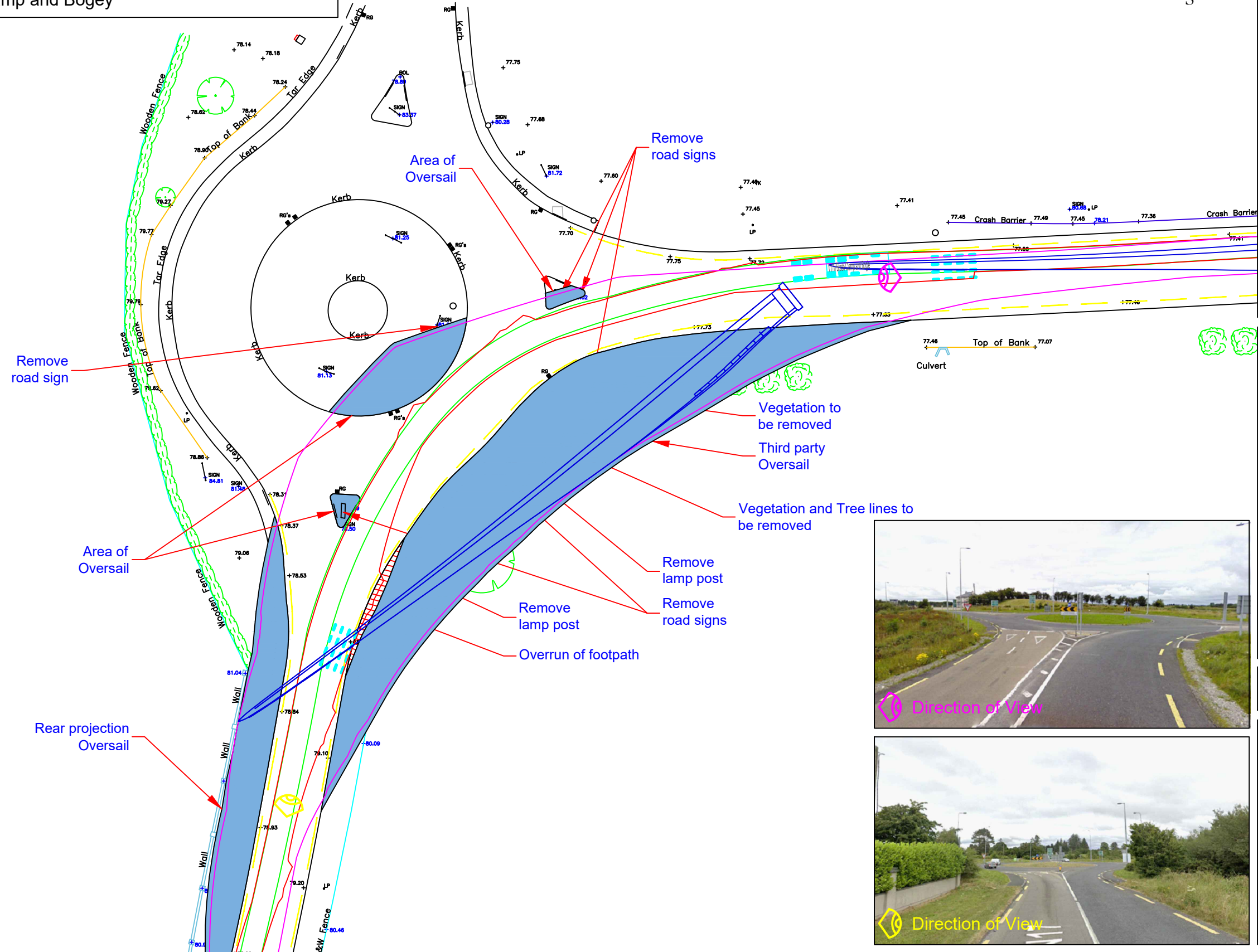
Swept Path indicates trailer utilising MANUAL steering

Siemens SG170 Blade Clamp and Bogey



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 is required on the offside of the roundabout entry as indicated in the red hatched area.
- Oversail will occur in the areas marked in solide blue.
- Street furniture is to be removed where indicated.
- Trees are to be pruned/ removed on the offside as 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 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 47957 00432

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



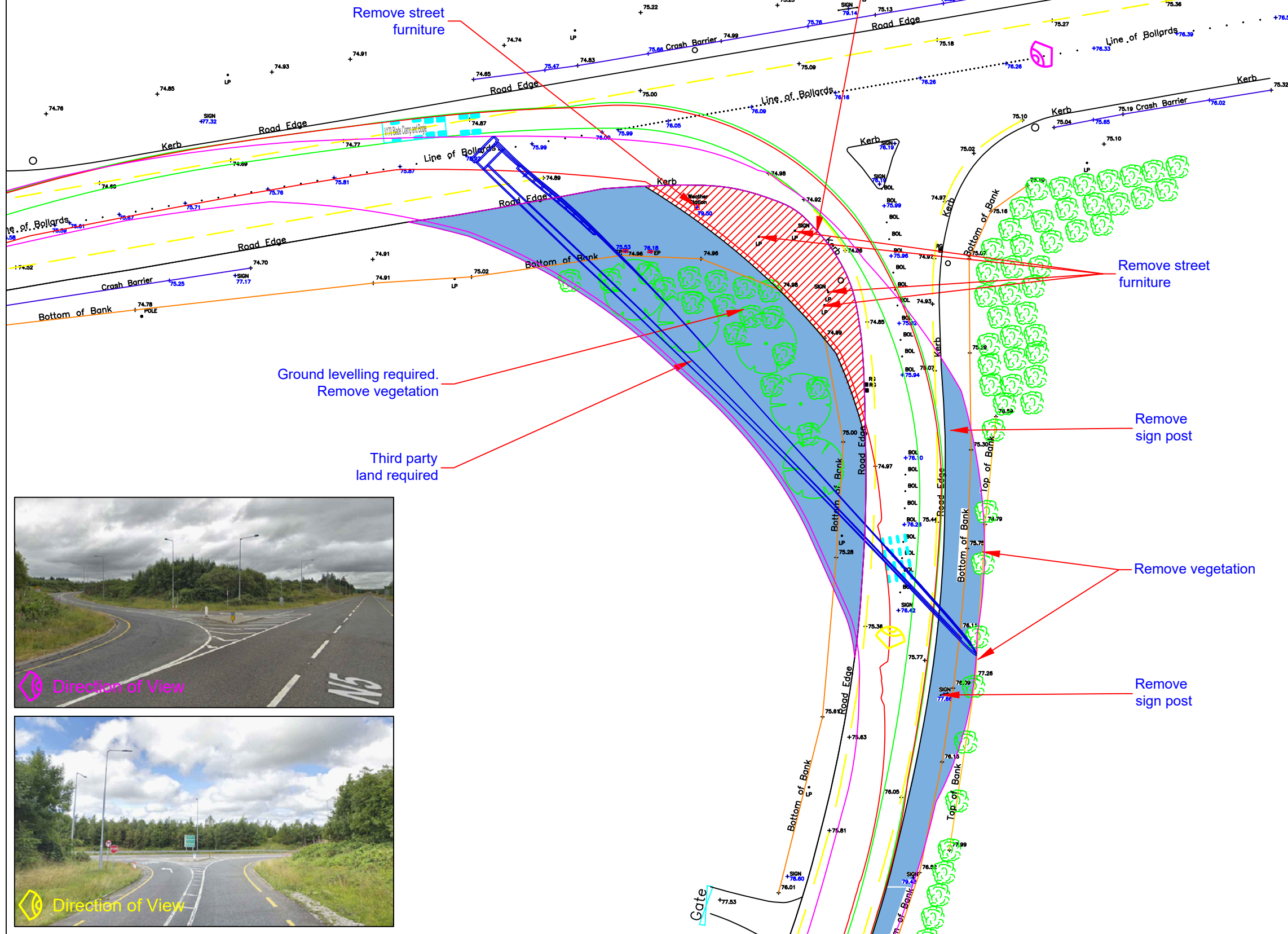
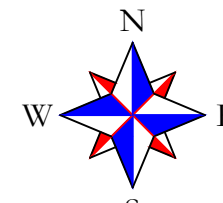
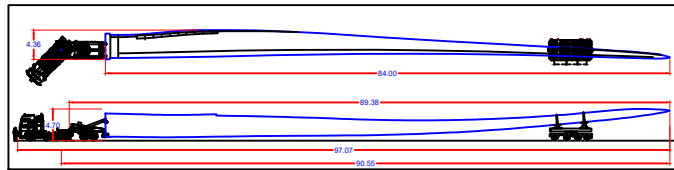
COLLETT & SONS LIMITED
 Victoria Terminal TEL: +44(0)8456 255288
 Albert Road FAX: +44(0)8456 255244
 Halifax, HX2 0DF WEB: www.collett.co.uk

DRAWN G. MOHAMMADI
 DATE 20/02/2023
 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. 348276-100C1.1

Swept Path indicates trailer utilising MANUAL steering

Siemens SG170 Blade Clamp and Bogey



Continue on the slip road. Contraflow the slip road on entry to the Westbound N5 towards Westport.
****Caution****

- Third party land is required on both sides of the junction. Ground levelling works and the removal of vegetation is required to allow the loaded component to oversail on the nearside.
- Road widening is required on the third party land on the nearside to enable the loaded component to execute the left turn. Identified street furniture is to be removed.
- The rear projection of the blade will oversail on the offside of the sliproad. Trees/ vegetation are to be removed to allow for the oversail. Remove 2 road signs.
- Manual steering and utilisation of the full extents of the road will be required to navigate the loaded component at this location.

- The swept path analysis provided is produced from a purely transport orientated view, and does not consider any political issues in terms of land ownership, or any other precincts raised, that may otherwise be restrictive.
- All swept path diagrams and assessments are made and calculated for the road movement of loaded trailer equipment carrying Turbine components. These dimensions are based on the turning circles and specification of Collett & Sons Ltd trailer equipment.
- This SPA is a means of providing evidence of minimum requirements of any one vehicle as a footprint and there is no safety factor or margin included.
- Turbine delivery vehicles can be both left and right hand drive vehicles, therefore due to drivers perception it must be assumed that every vehicle will not follow the exact same line and so a margin of additional space 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 48432 00802

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

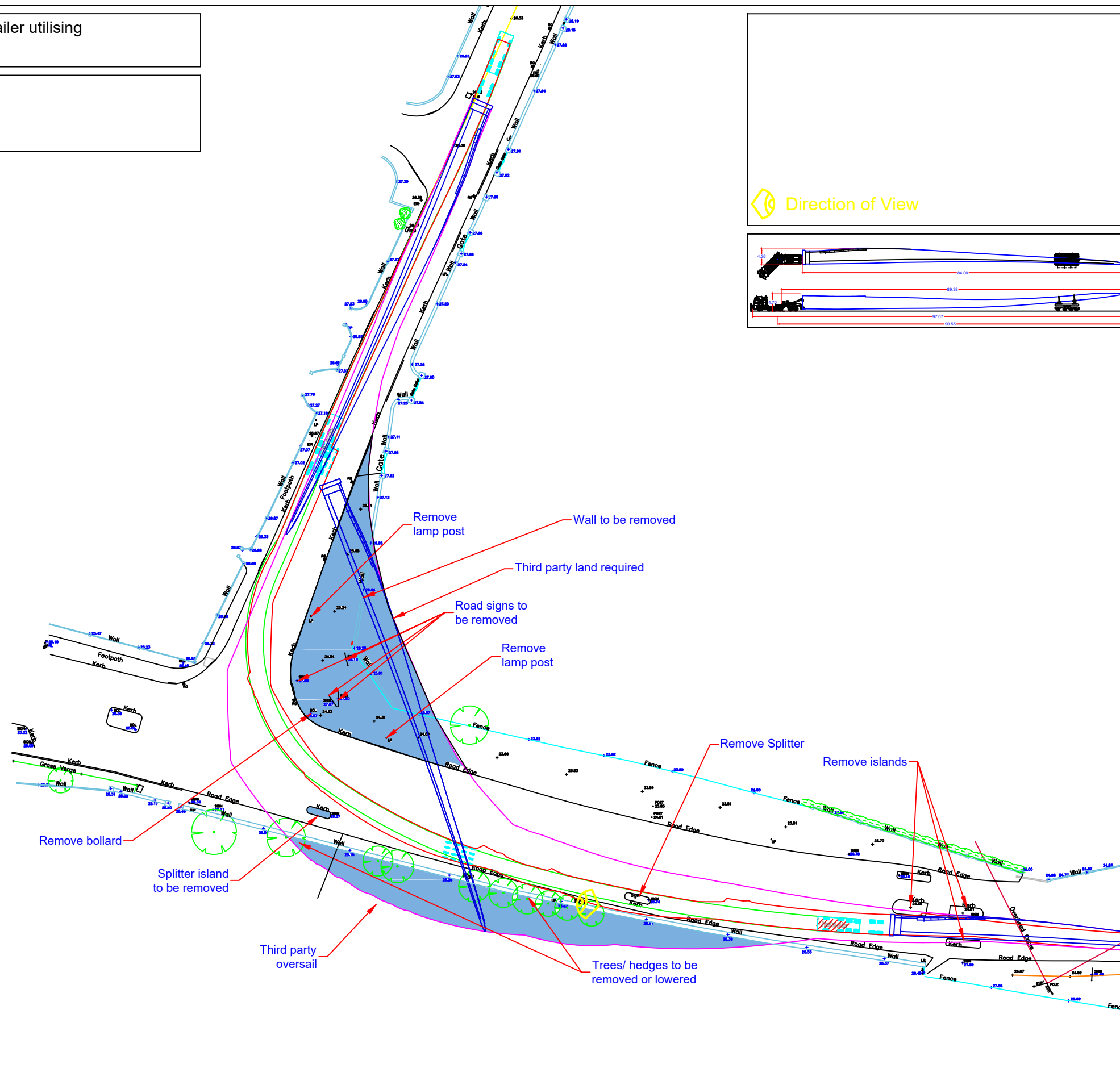
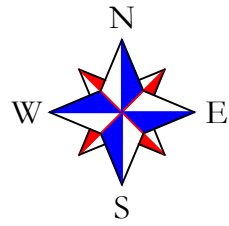


COLLETT & SONS LIMITED
 Victoria Terminal TEL: +44(0)8456 255288
 Albert Road FAX: +44(0)8456 255244
 Halifax, HX2 0DF WEB: www.collett.co.uk

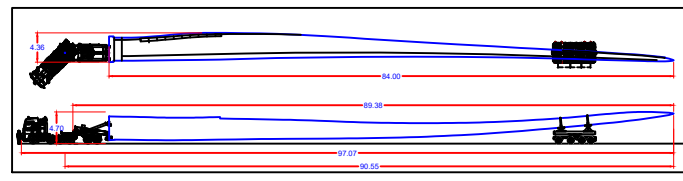
DRAWN	G. MOHAMMADI	TITLE	WESTBOUND N5 SLIPROAD FROM N17, CHARLESTOWN	
DATE	20/02/2023	MAPPING	TOPOGRAPHICAL SURVEY	CUSTOMER
SCALE	1:500	SIZE	A3	PINCH POINT IDENTIFIED BY
			CLIENT	SITE
			SHESKIN & GLENORA	DWG. NO. 348276-110C1.1
				SSE

Swept Path indicates trailer utilising MANUAL steering

Siemens SG170 Blade Clamp and Bogey



Direction of View



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

****Caution****

- Third party land will be required on the both sides of the junction to allow the rear projection of the blade and Side blade for oversail.
- Trees and hedges behind the wall on the nearside are to be removed or lowered.
- The splitter island on the nearside of the N5 is to be removed where indicated.
- Two lamp posts, a bollard and four road signs are to be removed from the grass verge on the offside of the junction of the N5 and the N58.
- Wall on the offside of the junction to be removed as 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: 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



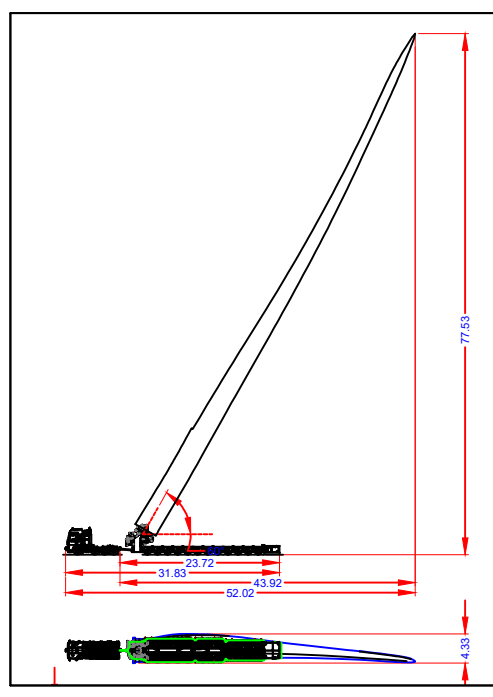
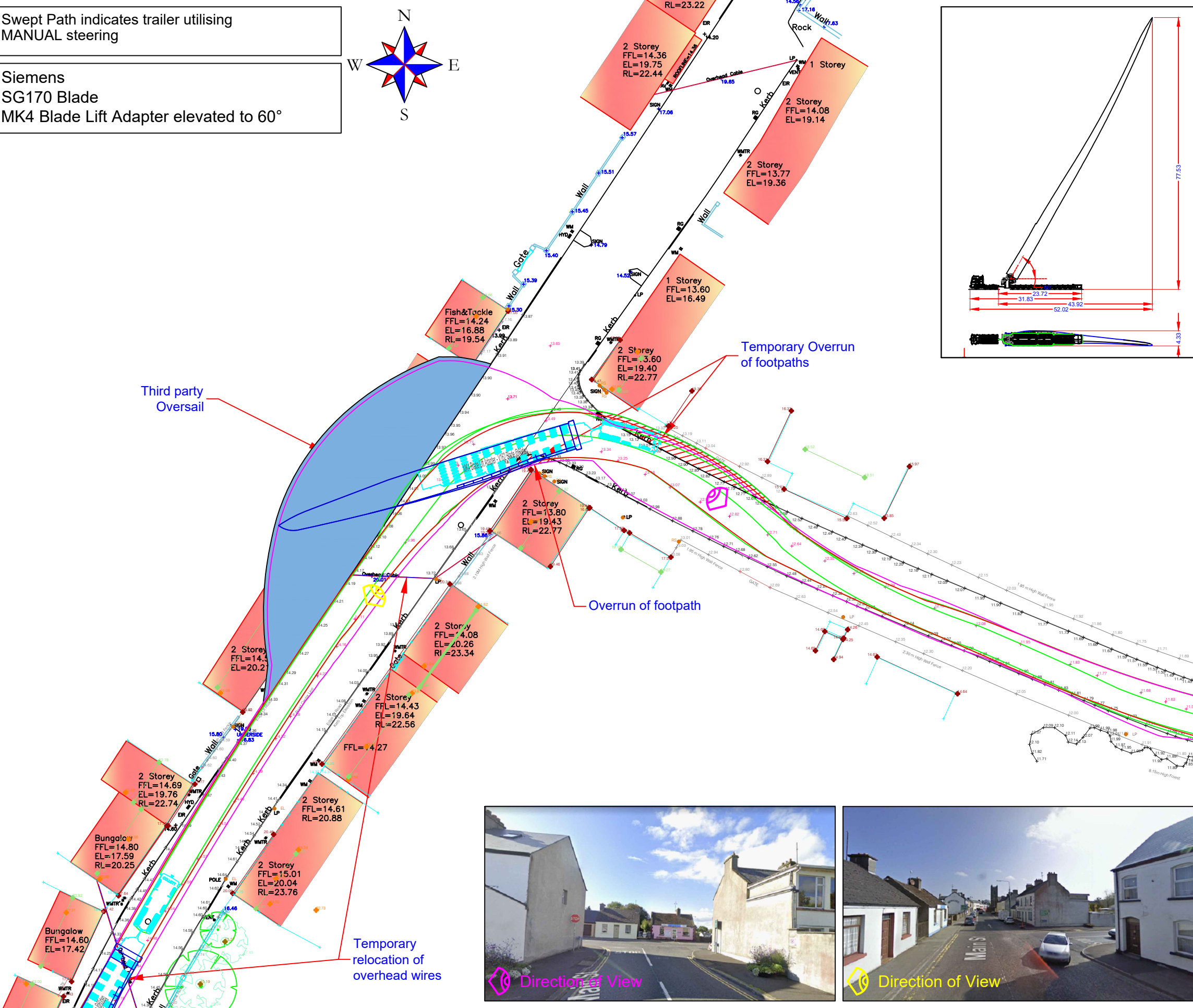
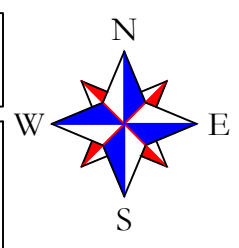
COLLETT & SONS LIMITED
 Victoria Terminal TEL: +44(0)8456 255288
 Albert Road FAX: +44(0)8456 255244
 Halifax, HX2 0DF WEB: www.collett.co.uk

DRAWN G. MOHAMMADI
 DATE 20/02/2023
 SCALE 1:750 SIZE A3

TITLE N5 JUNCTION WITH N58, BALLYVARY (OPTION 1)
 MAPPING TOPOGRAPHICAL SURVEY CUSTOMER SSE
 PINCH POINT IDENTIFIED BY CLIENT SITE SHESKIN & GLENORA DWG. NO. 348276-120C1.1

Swept Path indicates trailer utilising MANUAL steering

Siemens SG170 Blade MK4 Blade Lift Adapter elevated to 60°



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 of the footpath is required on both sides of the junction as indicated in the red hatched areas.
- Further Oversail will occur on the offside of the junction as indicated by the area in solid blue.
- 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

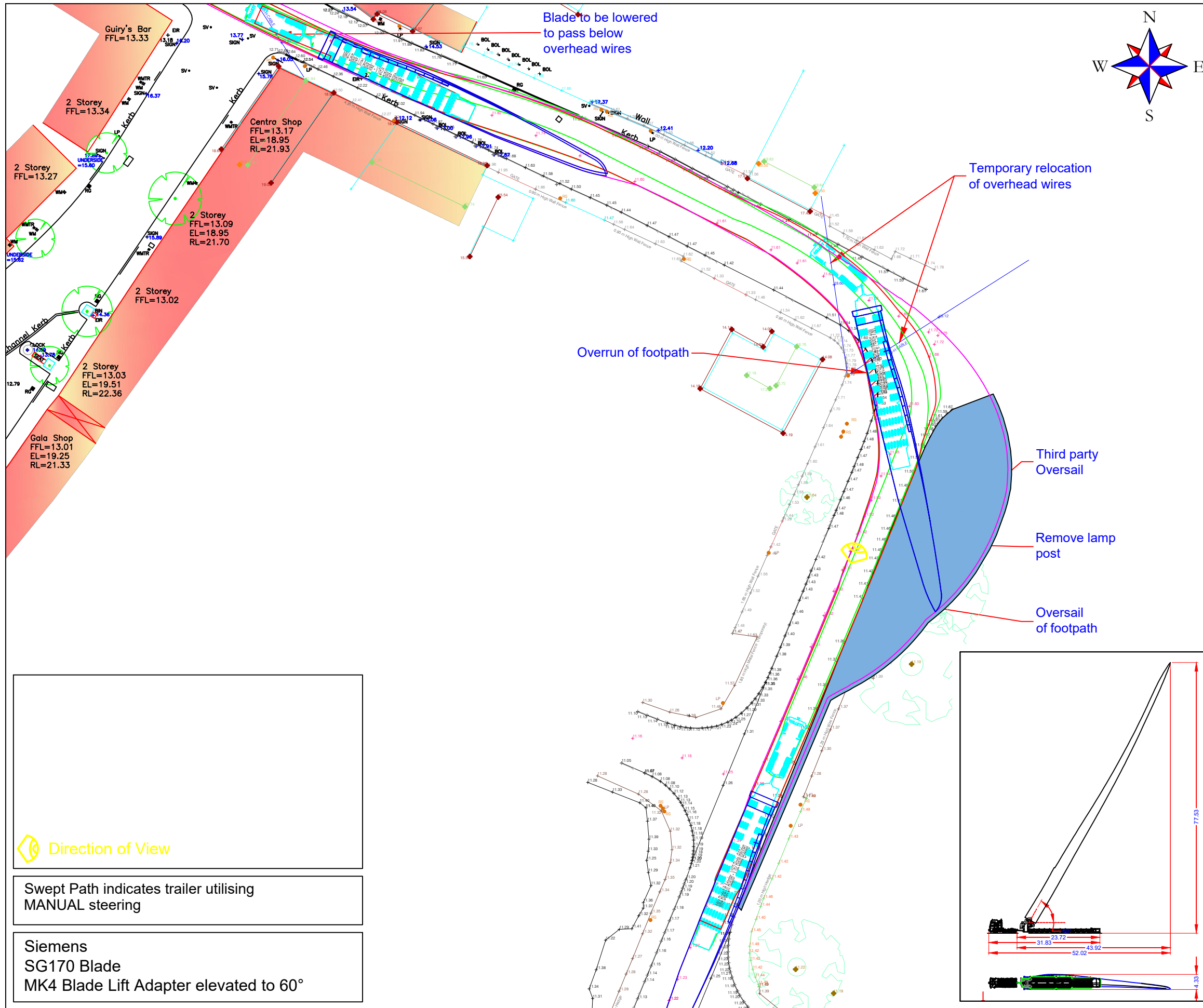
- Area within red outline will be swept by tractor and trailer axles
- ▨ Hatched area within red outline to be levelled and prepared to accept axle loadings
- Area within magenta outline will be oversailed by load and projections
- Area within green outline will be oversailed by trailer body



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

DRAWN G. MOHAMMADI
 DATE 21/01/2022
 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. 348276-141D1.1



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

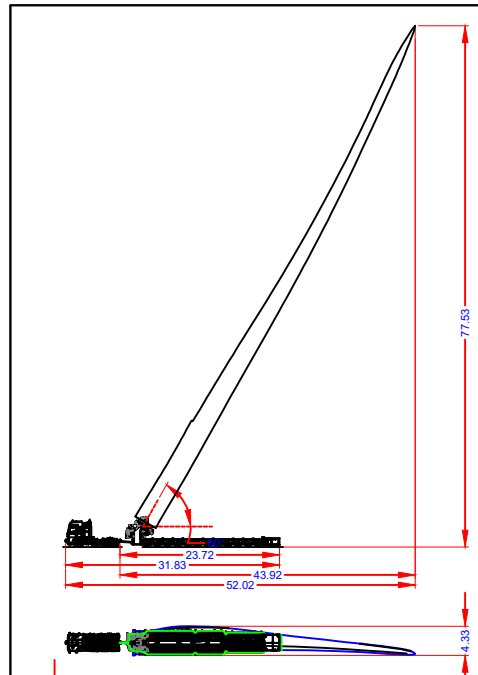
****Caution****

- Third party land is required on the offside of the N58 to allow the rear projection to oversail.
- Overrun of the footpath is required on the nearside of the junction as indicated in the red hatched area.
- Oversail will occur in the areas marked in solid blue.
- A lamp post on the offside of the N56 is to be removed where indicated.
- Overhead wires crossing the route are to be temporarily relocated, 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 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



Direction of View

Swept Path indicates trailer utilising MANUAL steering

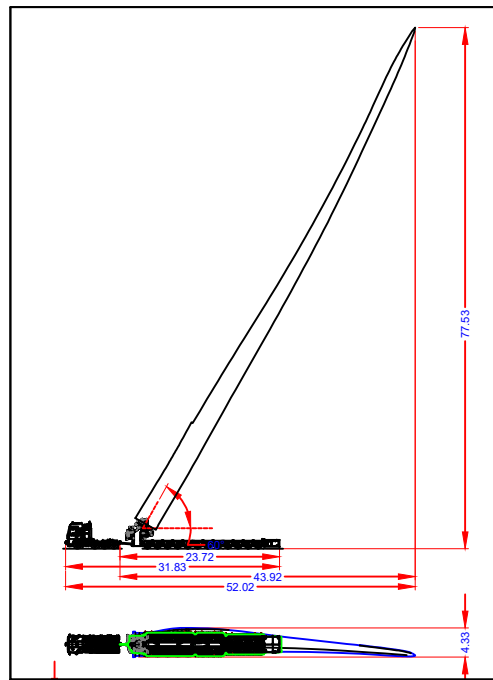
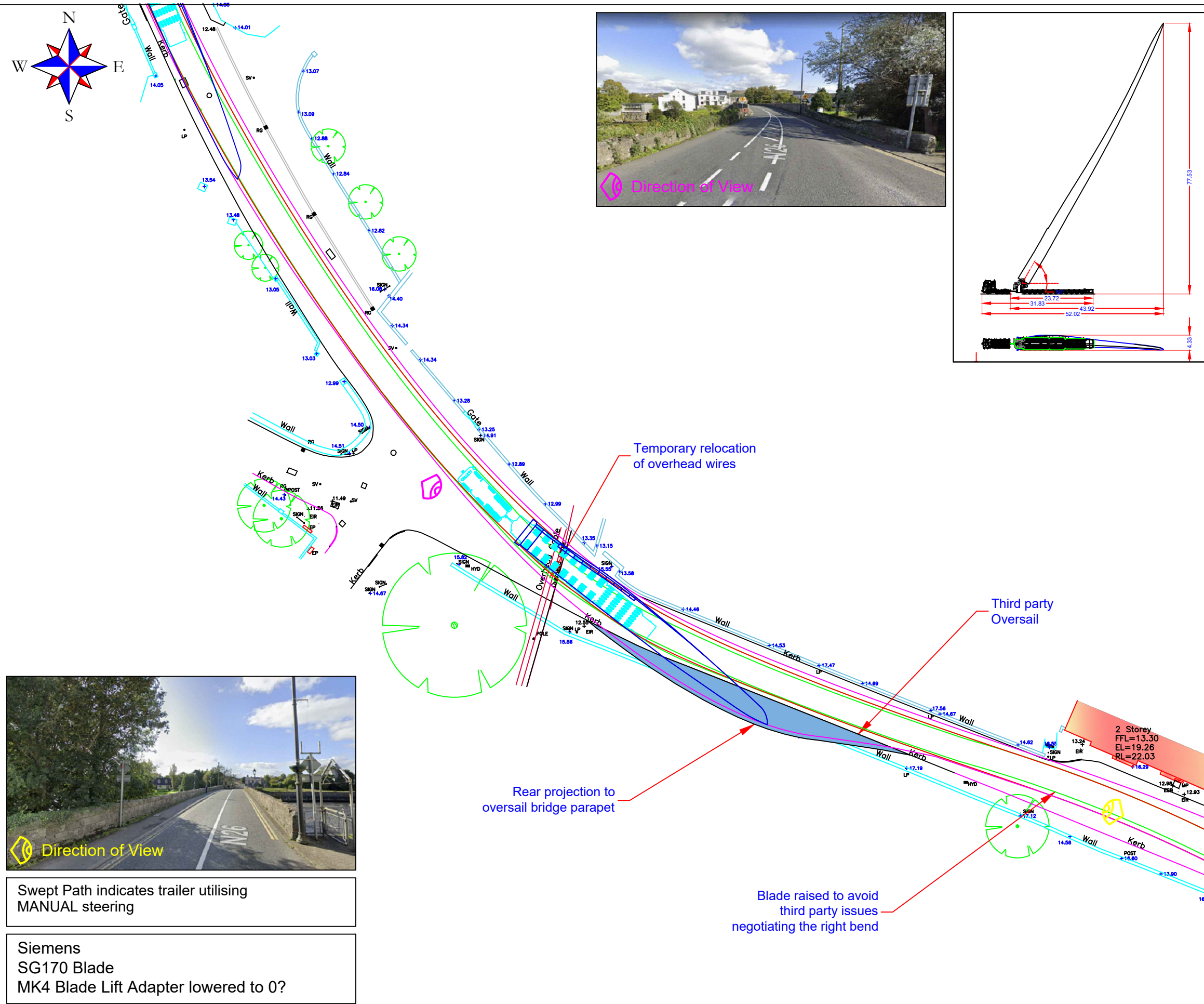
Siemens
SG170 Blade
MK4 Blade Lift Adapter elevated to 60°



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

DRAWN G. MOHAMMADI
DATE 20/02/2023
SCALE 1:500 SIZE A3

TITLE **JUNCTION OF R58 AND N26, FOXFORD**
MAPPING TOPOGRAPHICAL SURVEY
PINCH POINT IDENTIFIED BY CLIENT
CUSTOMER SSE
SITE SHESKIN & GLENORA
DWG. NO. 348276-142D1.1

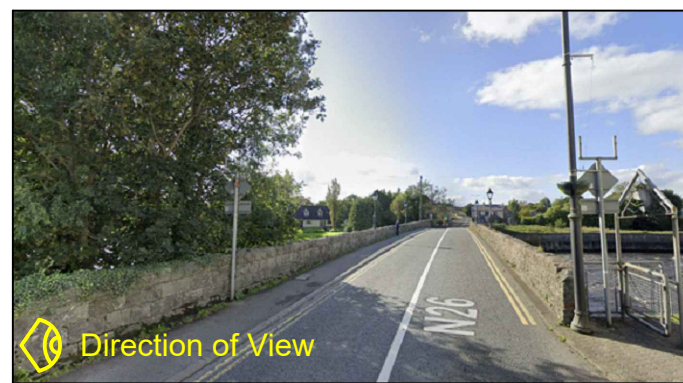


Continue on N26

****Caution****

- 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.
- This SPA is a means of providing evidence of minimum requirements of any one vehicle as a footprint and there is no safety factor or margin included.
- Turbine delivery vehicles can be both left and right hand drive vehicles, therefore due to drivers perception it must be assumed that every vehicle will not follow the exact same line and so a margin of additional space should be allowed for.
- Land take is usually referred to when land is required from Private Land Owners; road widening is usually referred to when land is required within highways boundaries. The boundaries between private land and highways property are assumed by using obvious demarcation such as fence lines/hedges etc. It should be noted that actual boundaries between highways and private land are not substantiated in this report and can only be authenticated by carrying out land searches.
- Police escorts and permits will be required for the movement of all of the components. 'Permits for movements' by the LA are a major consideration before the physical capability to deliver these components are undertaken.
- In critical areas, where modifications are required, the road construction must be formed to the minimum specification contained in the Turbine Manufactures Transport Guidance Notes.
- The Turbine Manufactures Transport Guidance Notes will state the minimum road width required for the transport of components. Any roads below this stated width will require widening to reflect this regardless of any swept path analysis not indicating modifications.
- The information is privileged and confidential and is for the exclusive use of the nominated client.
- All dimensions in metres.



Swept Path indicates trailer utilising MANUAL steering

Siemens
SG170 Blade
MK4 Blade Lift Adapter lowered to 0?

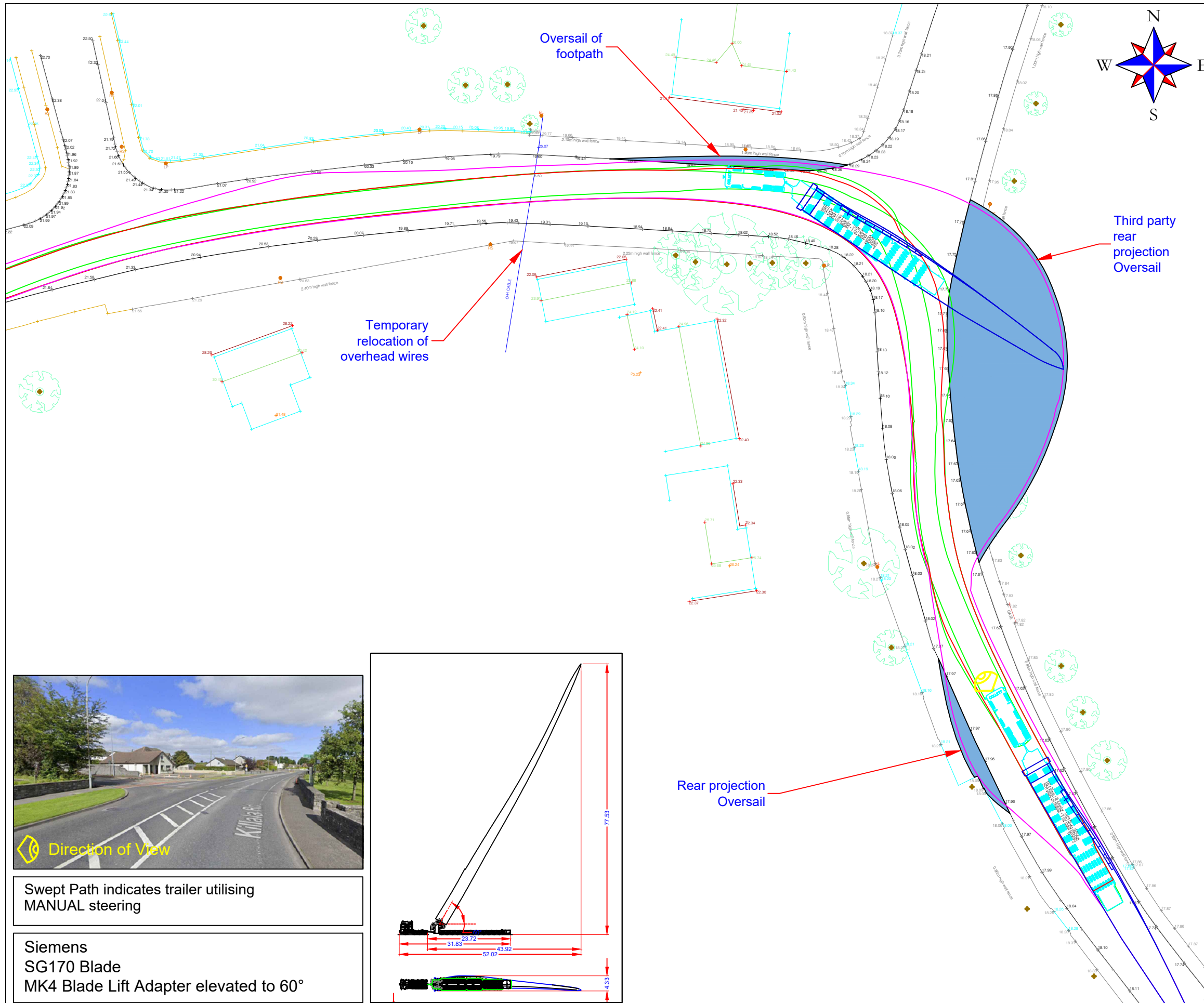
IRISH Grid Reference: G 26820 04152

- 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



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

DRAWN	R. WEBSTER	TITLE		RIVER MOY BRIDGE CROSSING ON N26, FOXFORD	
DATE	20/02/2023	MAPPING	TOPOGRAPHICAL SURVEY	CUSTOMER	SSE
SCALE	1:500	SIZE	A3	PINCH POINT IDENTIFIED BY	CLIENT
				SITE	SHESKIN & GLENORA
				DWG. NO.	348276-143D1.1



Continue on the R314.

****Caution****

- Third party land is required on the offside of the R314 to allow the rear projection to oversail.
- The load will further oversail on the nearside of the R314 and the offside of Slí Ectra as indicated by areas marked in solid blue.
- Overhead wires crossing Slí 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.
- 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.

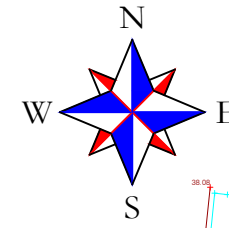
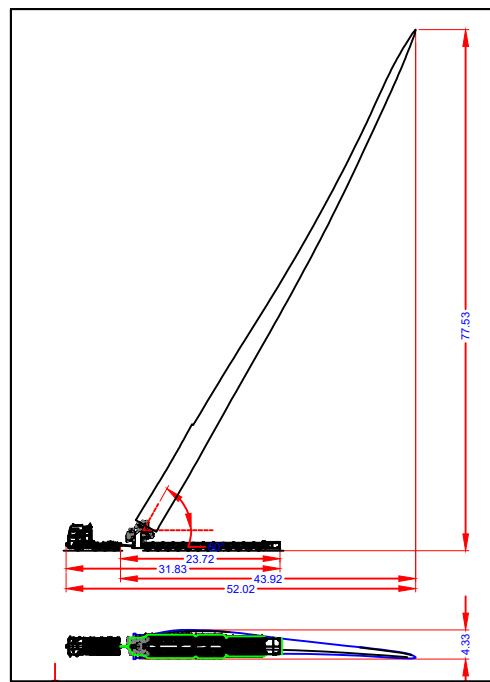
IRISH Grid Reference: G 24029 19779

- 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



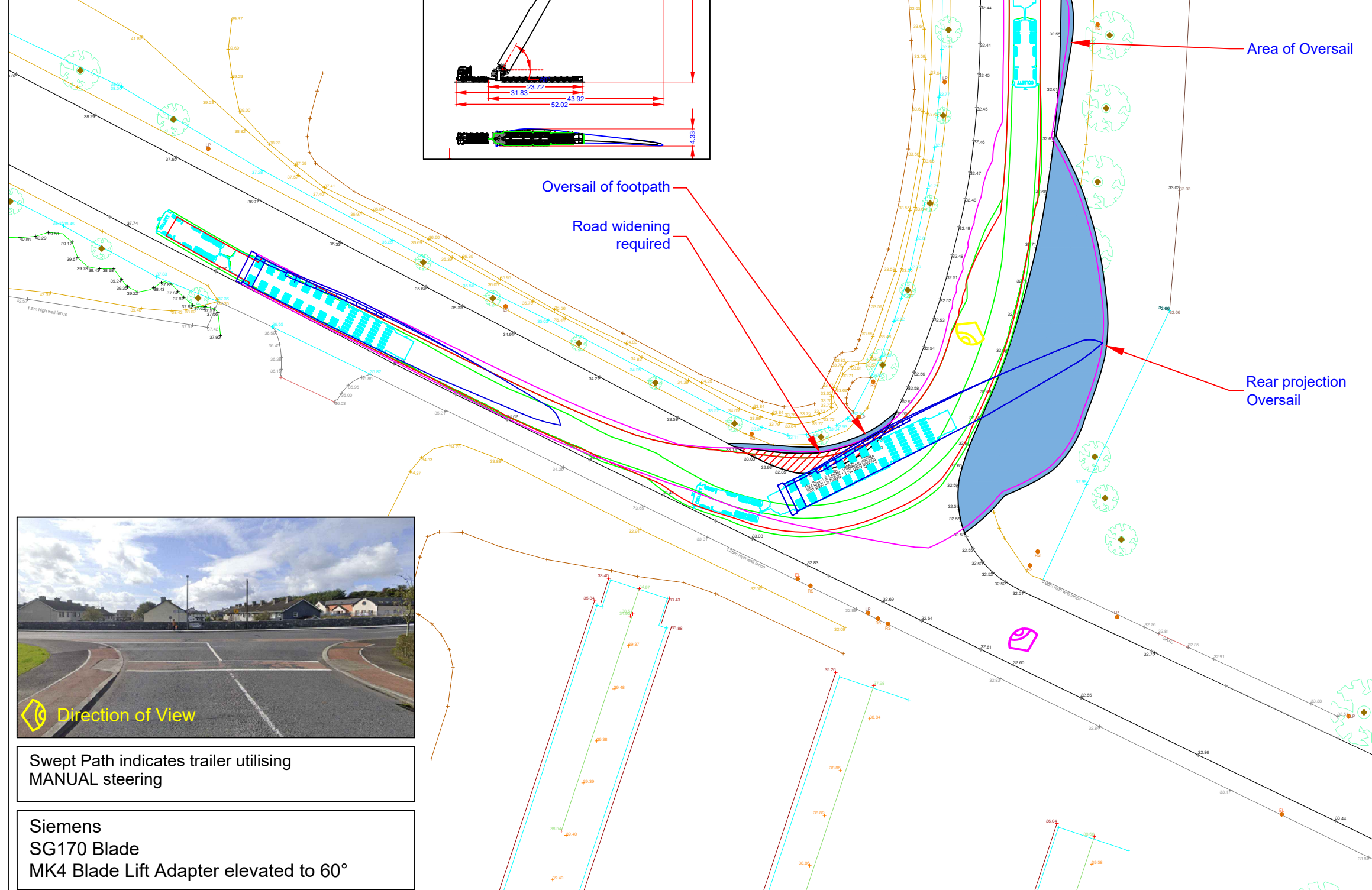
COLLETT & SONS LIMITED
 Victoria Terminal TEL: +44(0)8456 255288
 Albert Road FAX: +44(0)8456 255244
 Halifax, HX2 0DF WEB: www.collett.co.uk

DRAWN	R. WEBSTER	TITLE		JUNCTION OF KILLALA ROAD R314\ SLÍ ECTRA, BALLINA	
DATE	20/02/2023	MAPPING	TOPOGRAPHICAL SURVEY	CUSTOMER	SSE
SCALE	1:500	SIZE	A3	PINCH POINT IDENTIFIED BY	COLLETT
SITE			SHESKIN & GLENORA	DWG. NO. 348276-154D1.1	



Continue on SIY Ectra. Turn right at the T-junction onto McDermott street, heading towards the N59.
****Caution****

- Third party land take on the nearside of SIY Ectra has been assumed not necessary as the land appears to be Public Open Space. Clarity should be sought.
- Road widening is required on the offside of the junction as demarked in red hatching.
- The load will oversail on both sides of SIY Ectra at the junction and the nearside of McDermott Street as indicated by areas marked in solid blue.
- 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.
- 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.



Swept Path indicates trailer utilising **MANUAL** steering

Siemens
 SG170 Blade
 MK4 Blade Lift Adapter elevated to 60°

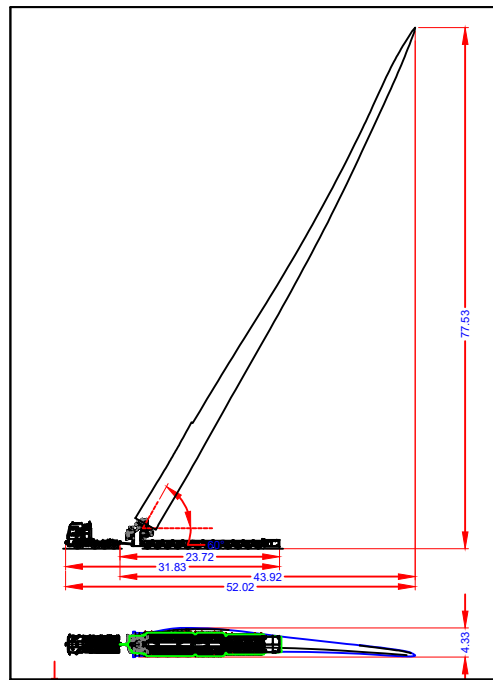
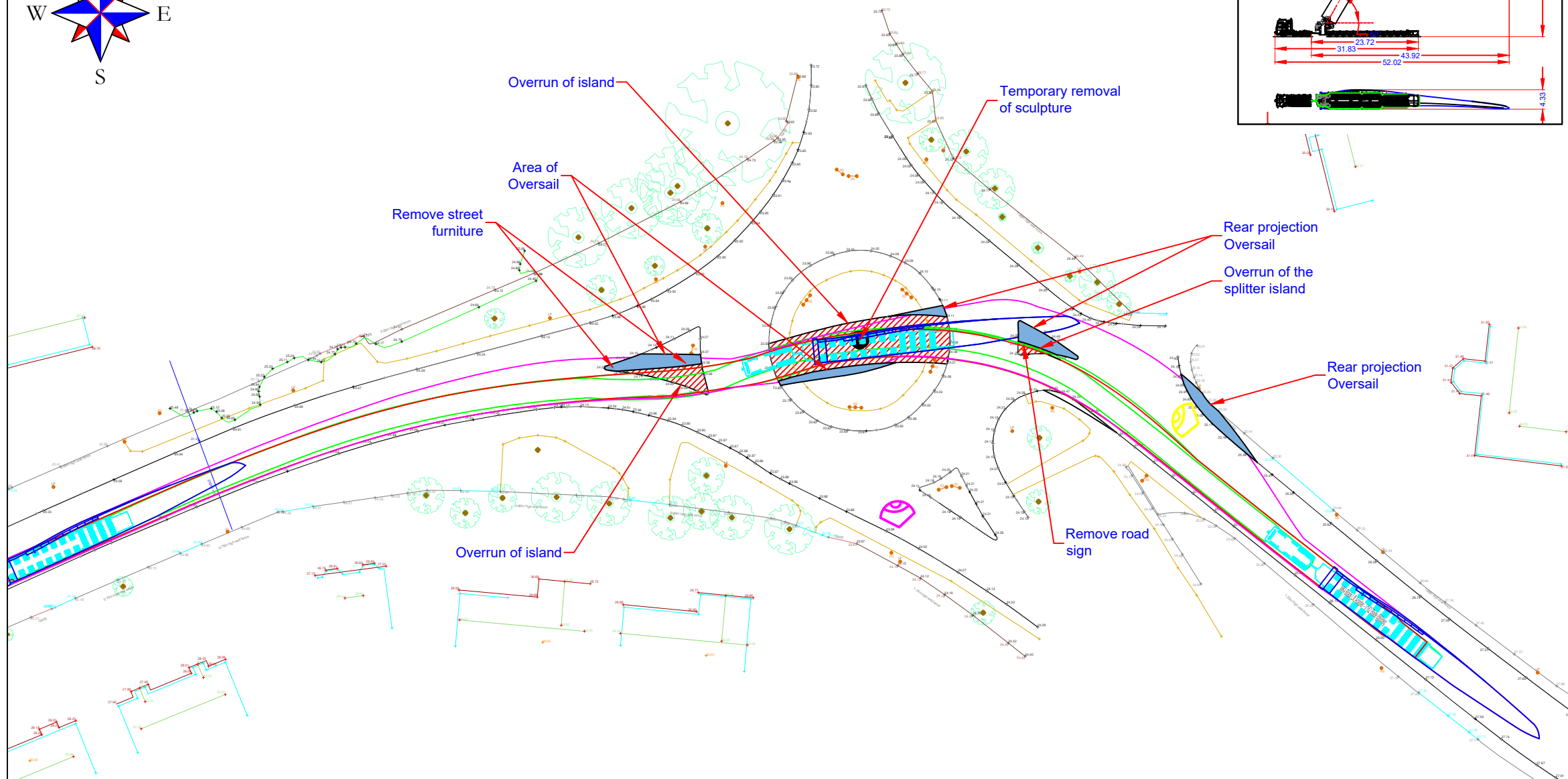
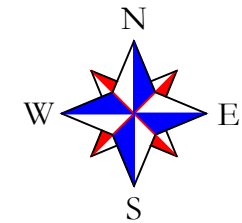
IRISH Grid Reference: G 23548 19361

- 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



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

DRAWN	R. WEBSTER	TITLE		JUNCTION OF SLÍ ECTRA\ L119 McDERMOTT STREET, BALLINA	
DATE	20/02/2023	MAPPING	TOPOGRAPHICAL SURVEY	CUSTOMER	SSE
SCALE	1:500	SIZE	A3	PINCH POINT IDENTIFIED BY	COLLETT
			SITE	SHESKIN & GLENORA	DWG. NO. 348276-160D1.1



Continue on the L1119. At the roundabout, continue straight ahead onto N59 towards Bangor

****Caution****

- Overrun is required on the offside of the entry to the roundabout, through the roundabout and the nearside of the exit splitter island to allow the loaded vehicle to navigate the roundabout.
- Street furniture and the sculpture are to be removed from 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.
- Utilisation of the full extents of the road will be required to navigate the loaded component at this location.

- The swept path analysis provided is produced from a purely transport orientated view, and does not consider any political issues in terms of land ownership, or any other precincts raised, that may otherwise be restrictive.
- All swept path diagrams and assessments are made and calculated for the road movement of loaded trailer equipment carrying Turbine components. These dimensions are based on the turning circles and specification of Collett & Sons Ltd trailer equipment.
- This SPA is a means of providing evidence of minimum requirements of any one vehicle as a footprint and there is no safety factor or margin included.
- Turbine delivery vehicles can be both left and right hand drive vehicles, therefore due to drivers perception it must be assumed that every vehicle will not follow the exact same line and so a margin of additional space 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 22814 19590

Swept Path indicates trailer utilising MANUAL steering

Siemens
SG170 Blade
MK4 Blade Lift Adapter elevated to 60°

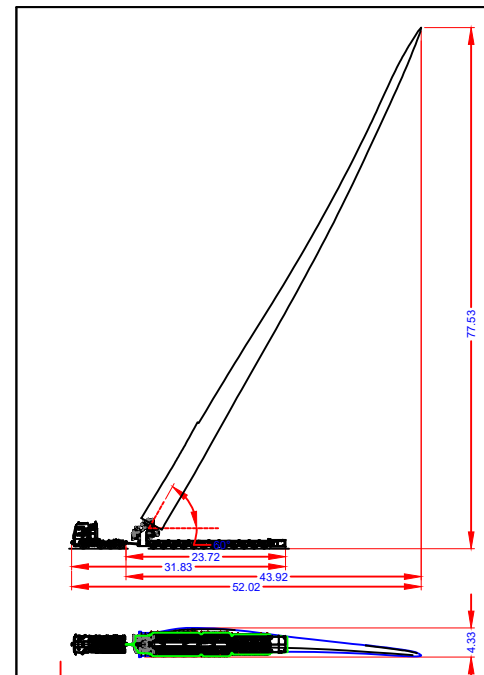
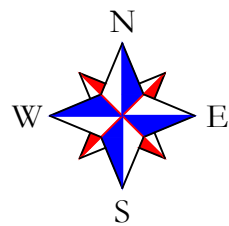
- Area within red outline will be swept by tractor and trailer axles
- ▨ Hatched area within red outline to be levelled and prepared to accept axle loadings
- Area within magenta outline will be oversailed by load and projections
- Area within green outline will be oversailed by trailer body



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

DRAWN R. WEBSTER
DATE 20/02/2023
SCALE 1:750 SIZE A3

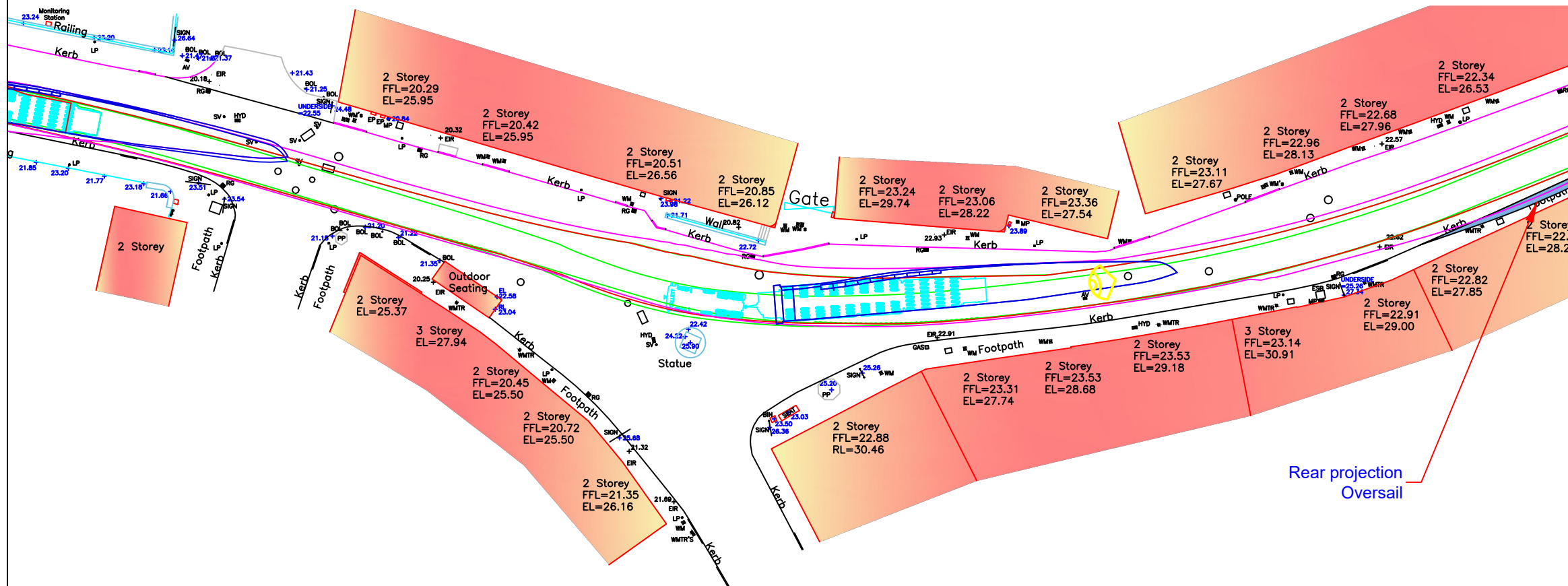
TITLE GURTEENS ROUNDABOUT, BALLINA
MAPPING TOPOGRAPHICAL SURVEY CUSTOMER SSE
PINCH POINT IDENTIFIED BY COLLETT SITE SHESKIN & GLENORA DWG. NO. 348276-170D1.1



Continue on the N59.

****Caution****

- The rear projection will oversail the footpath on the nearside of the road as indicated by the area in solid blue.
- Overhead wires crossing the N59 to be temporarily relocated to allow unobstructed passage through the airspace.
- 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

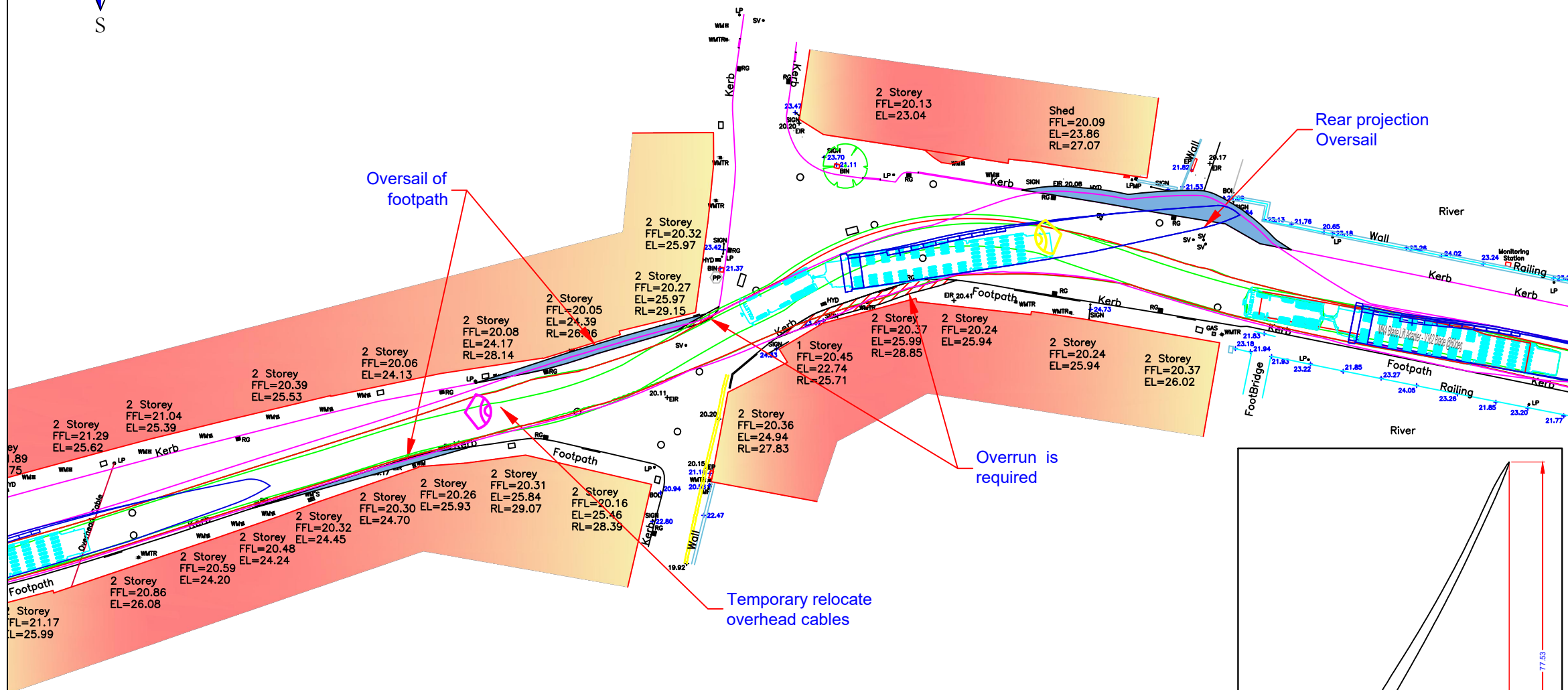
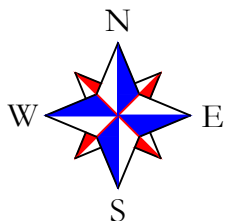
Siemens
SG170 Blade
MK4 Blade Lift Adapter elevated to 60°



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

DRAWN R. WEBSTER
DATE 20/02/2023
SCALE 1:750 SIZE A3

TITLE ROUNDABOUT JUNCTION, CROSSMOLINA
MAPPING TOPOGRAPHICAL SURVEY CUSTOMER SSE
PINCH POINT IDENTIFIED BY CLIENT SITE SHESKIN & GLENORA DWG. NO. 348276-180D1.1



Continue on the N59.

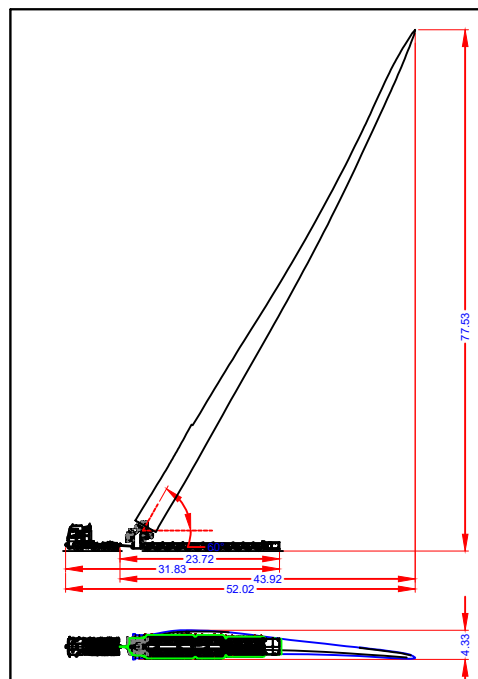
****Caution****

- Overrun is required on both sides of the staggered crossroad.
- Oversail will occur on both sides of the road as indicated in the areas of solid blue.
- Overhead wires crossing the N59 to be temporarily relocated to allow unobstructed passage through the airspace.
- 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

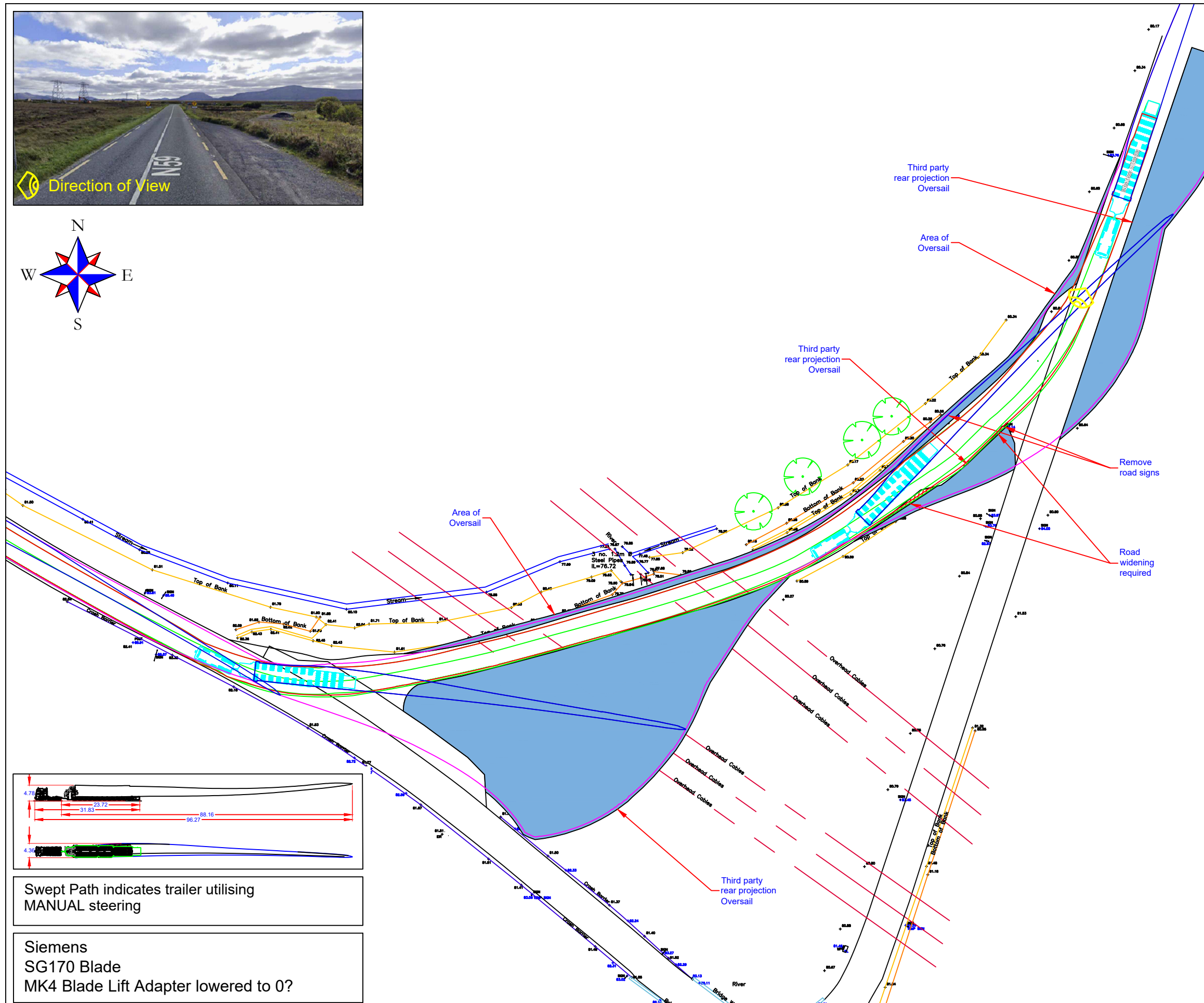
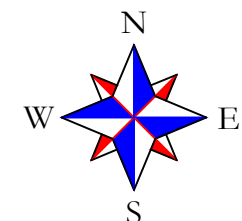
Siemens
SG170 Blade
MK4 Blade Lift Adapter elevated to 60°



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

DRAWN R. WEBSTER
DATE 20/02/2023
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. 348276-181D1.1



Continue on the N59.

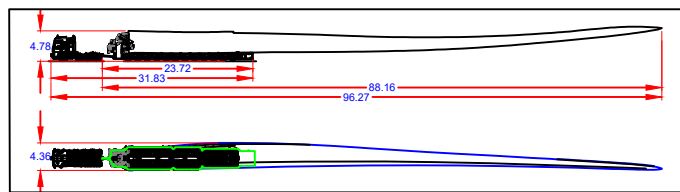
****Caution****

- 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'.
- Scrutiny of legal boundaries is required to ascertain if any third party land is required.
- Road widening is required in the red hatched areas.
- Oversail will occur on both sides of the fillet road as indicated by the areas of solid blue.
- Road signs on both sides of the fillet road are to be removed.
- 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: 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



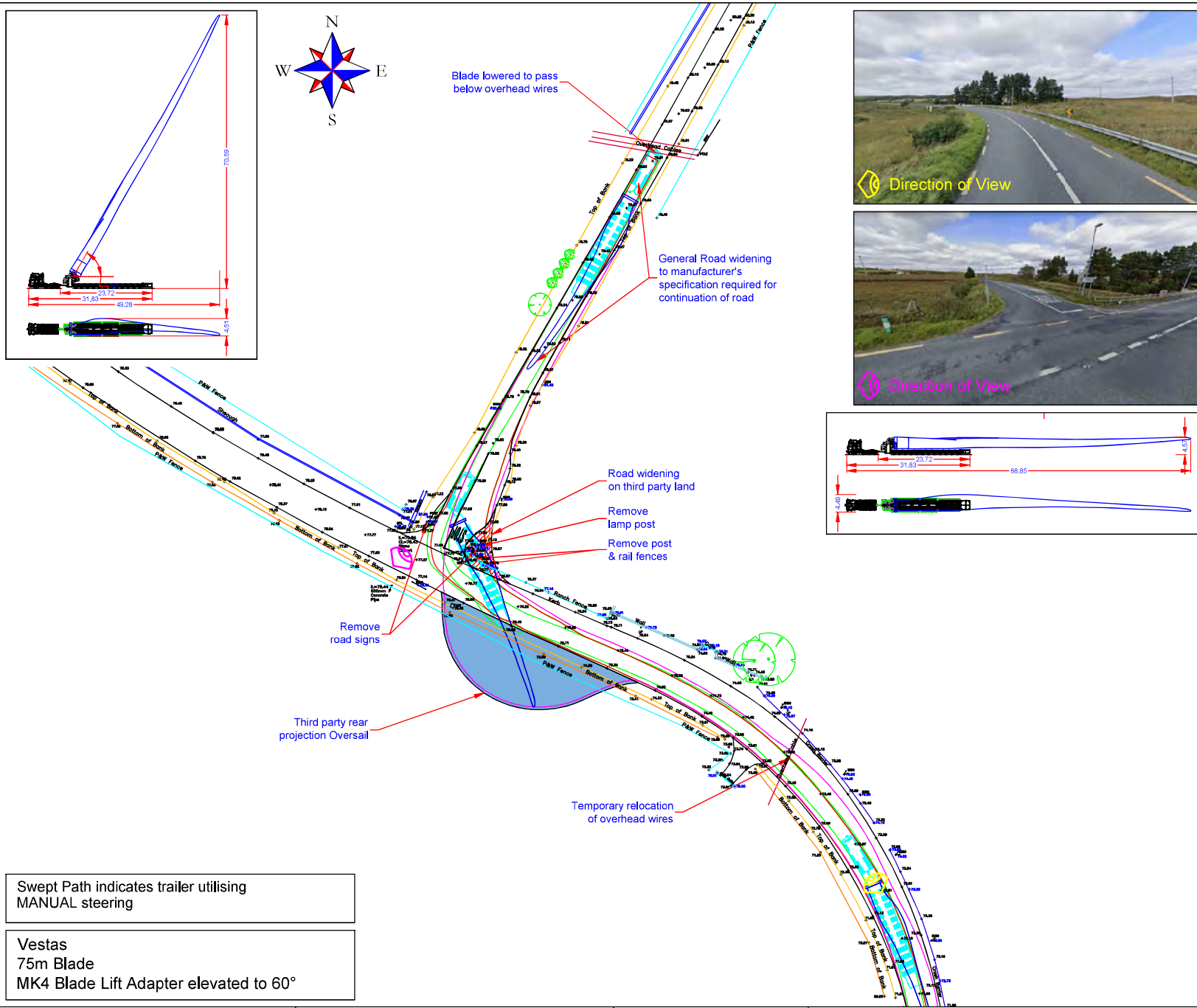
Swept Path indicates trailer utilising MANUAL steering

Siemens SG170 Blade MK4 Blade Lift Adapter lowered to 0?



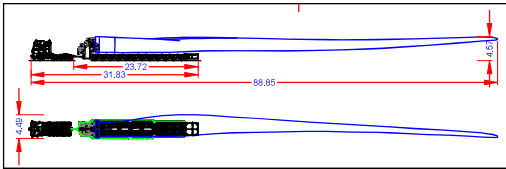
COLLETT & SONS LIMITED
 Victoria Terminal TEL: +44(0)8456 255288
 Albert Road FAX: +44(0)8456 255244
 Halifax, HX2 0DF WEB: www.collett.co.uk

DRAWN	R. WEBSTER	TITLE	RIGHT BEND ON N59, BELLACORICK	
DATE	21/02/2023	MAPPING TOPOGRAPHICAL SURVEY	CUSTOMER	SSE
SCALE	1:750	SIZE	A3	PINCH POINT IDENTIFIED BY CLIENT
SITE			SHESKIN & GLENORA	DWG. NO. 348276-200D1.1



Swept Path indicates trailer utilising MANUAL steering

Vestas
75m Blade
MK4 Blade Lift Adapter elevated to 60°



Turn right at the junction of the N59 and the L52926

- **Caution****
- Third party land is required on the outside of the junction for road widening and on the nearside of the N59 prior to the junction to allow for rear projection Oversail.
 - Road widening is required in the red hatched area and along the L52926 to conform to manufacturer's minimum road construction specification.
 - Further Oversail will occur on the nearside of them junction. Oversail is indicated by solid blue areas.
 - Street furniture is to be removed where indicated. Overhead wires crossing the road are to be temporarily relocated.
 - The fences on the outside of the junction is to be removed for road widening.
 - 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.

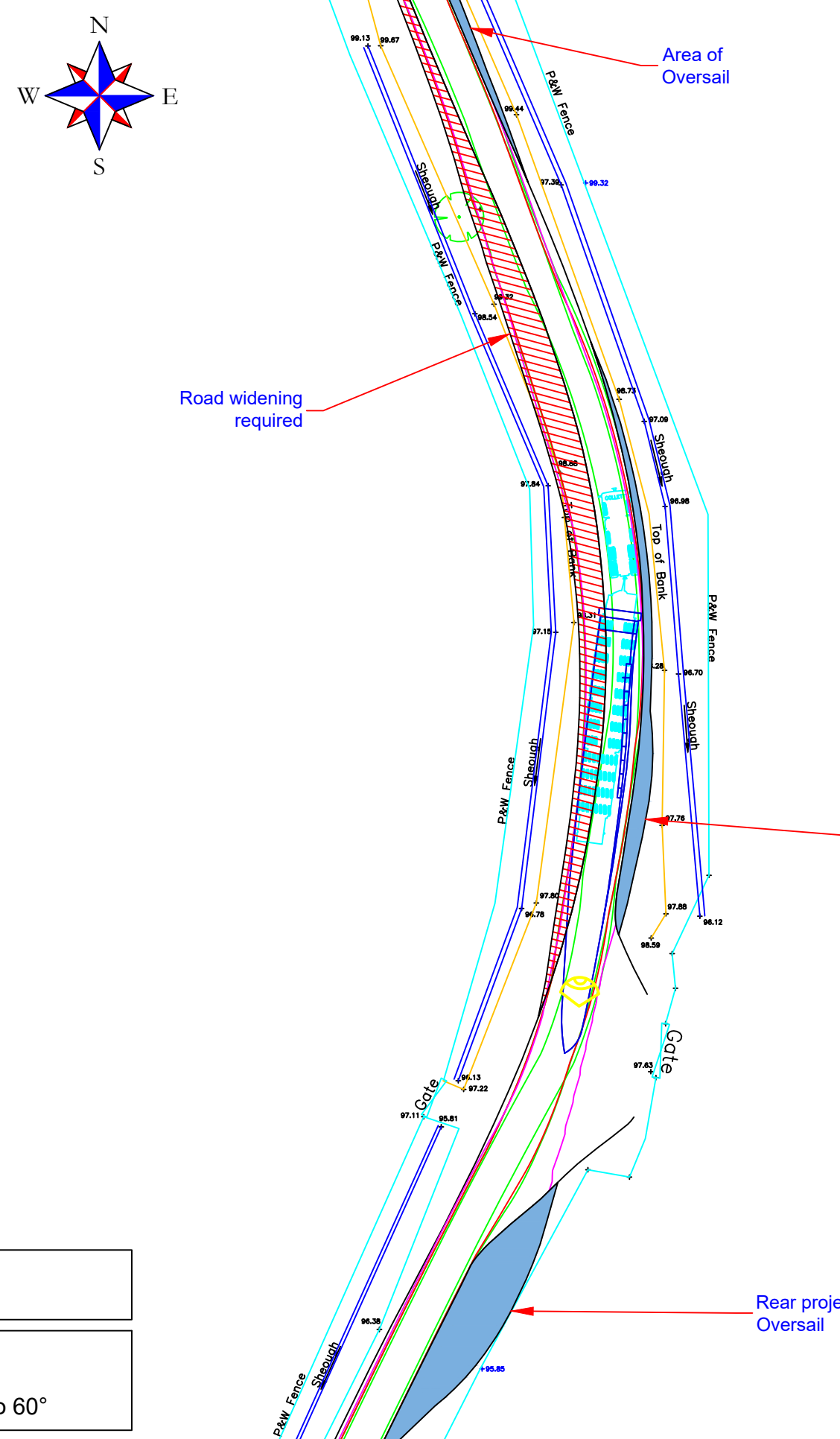
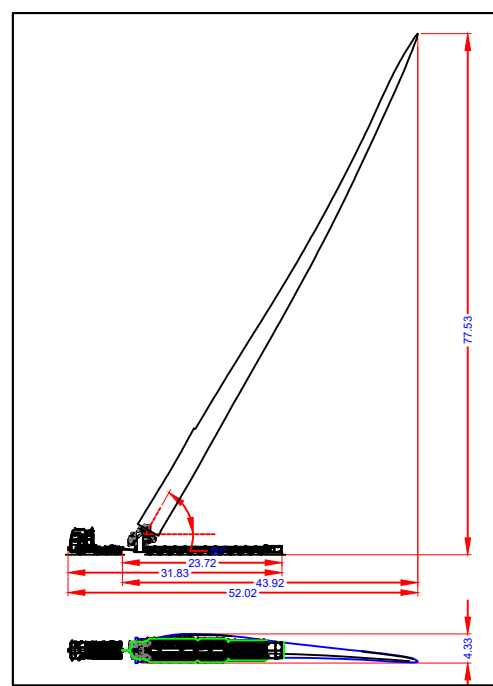
IRISH Grid Reference: F 93876 21566

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



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

DRAWN	R. WEBSTER	TITLE	JUNCTION OF N59 & L52926, BALLYMUNNELLY	
DATE	26/01/2022	MAPPING	TOPOGRAPHICAL SURVEY	CUSTOMER
SCALE	1:750	SIZE	A3	PINCH POINT IDENTIFIED BY
			CLIENT	SITE
			SHESKIN	DWG. NO. 348276-210B1.1



Continue on the L52926

****Caution****

- Road widening is required on the nearside of the road as shown by the red hatched area.
- Oversail will occur on the offside of the road as indicated by solid blue areas.
- Road to be upgraded to meet manufacturer's minimum road construction specification.

- The swept path analysis provided is produced from a purely transport orientated view, and does not consider any political issues in terms of land ownership, or any other precincts raised, that may otherwise be restrictive.
- All swept path diagrams and assessments are made and calculated for the road movement of loaded trailer equipment carrying Turbine components. These dimensions are based on the turning circles and specification of Collett & Sons Ltd trailer equipment.
- This SPA is a means of providing evidence of minimum requirements of any one vehicle as a footprint and there is no safety factor or margin included.
- Turbine delivery vehicles can be both left and right hand drive vehicles, therefore due to drivers perception it must be assumed that every vehicle will not follow the exact same line and so a margin of additional space should be allowed for.
- Land take is usually referred to when land is required from Private Land Owners; road widening is usually referred to when land is required within highways boundaries. The boundaries between private land and highways property are assumed by using obvious demarcation such as fence lines/hedges etc. It should be noted that actual boundaries between highways and private land are not substantiated in this report and can only be authenticated by carrying out land searches.
- Police escorts and permits will be required for the movement of all of the components. 'Permits for movements' by the LA are a major consideration before the physical capability to deliver these components are undertaken.
- In critical areas, where modifications are required, the road construction must be formed to the minimum specification contained in the Turbine Manufactures Transport Guidance Notes.
- The Turbine Manufactures Transport Guidance Notes will state the minimum road width required for the transport of components. Any roads below this stated width will require widening to reflect this regardless of any swept path analysis not indicating modifications.
- The information is privileged and confidential and is for the exclusive use of the nominated client.
- All dimensions in metres.

IRISH Grid Reference: F 94229 22232

- 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

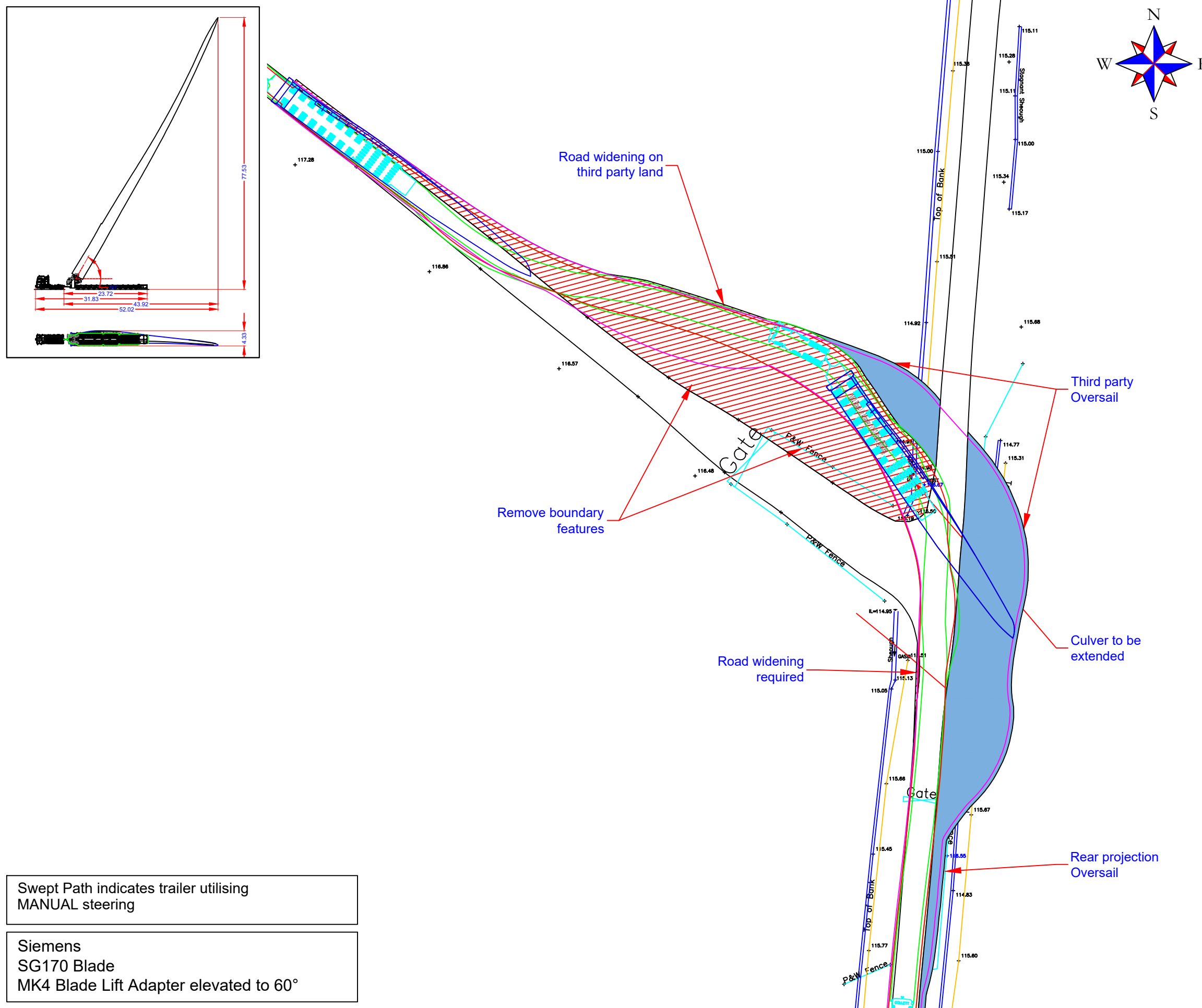
Swept Path indicates trailer utilising MANUAL steering

Siemens
SG170 Blade
MK4 Blade Lift Adapter elevated to 60°



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

DRAWN	R. WEBSTER	TITLE	LEFT BEND ON L52926, nr BALLYMUNNELLY	
DATE	21/02/2023	MAPPING TOPOGRAPHICAL SURVEY	CUSTOMER	SSE
SCALE	1:500	SIZE	A3	PINCH POINT IDENTIFIED BY CLIENT
			SITE	SHESKIN DWG. NO. 348276-220D0.1



Continue on the L52926

****Caution****

- Road widening is required on both sides of the road as shown by the red hatched areas.
- Oversail will occur on the offside of the roads as indicated by solid blue areas.
- Boundary features are to be removed where indicated.
- Road to be upgraded to meet manufacturer's minimum road construction specification.

- 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: F 94189 24069

- 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

Siemens
SG170 Blade
MK4 Blade Lift Adapter elevated to 60°

	COLLETT & SONS LIMITED Victoria Terminal TEL: +44(0)8456 255288 Albert Road FAX: +44(0)8456 255244 Halifax, HX2 0DF WEB: www.collett.co.uk	DRAWN R. WEBSTER DATE 21/02/2023 SCALE 1:500 SIZE A3	TITLE SITE ENTRANCE JUNCTION ON L52926, nr BALLYMUNNELLY MAPPING TOPOGRAPHICAL SURVEY PINCH POINT IDENTIFIED BY CLIENT	CUSTOMER SSE SITE SHESKIN DWG. NO. 348276-230D0.1
--	--	--	--	--