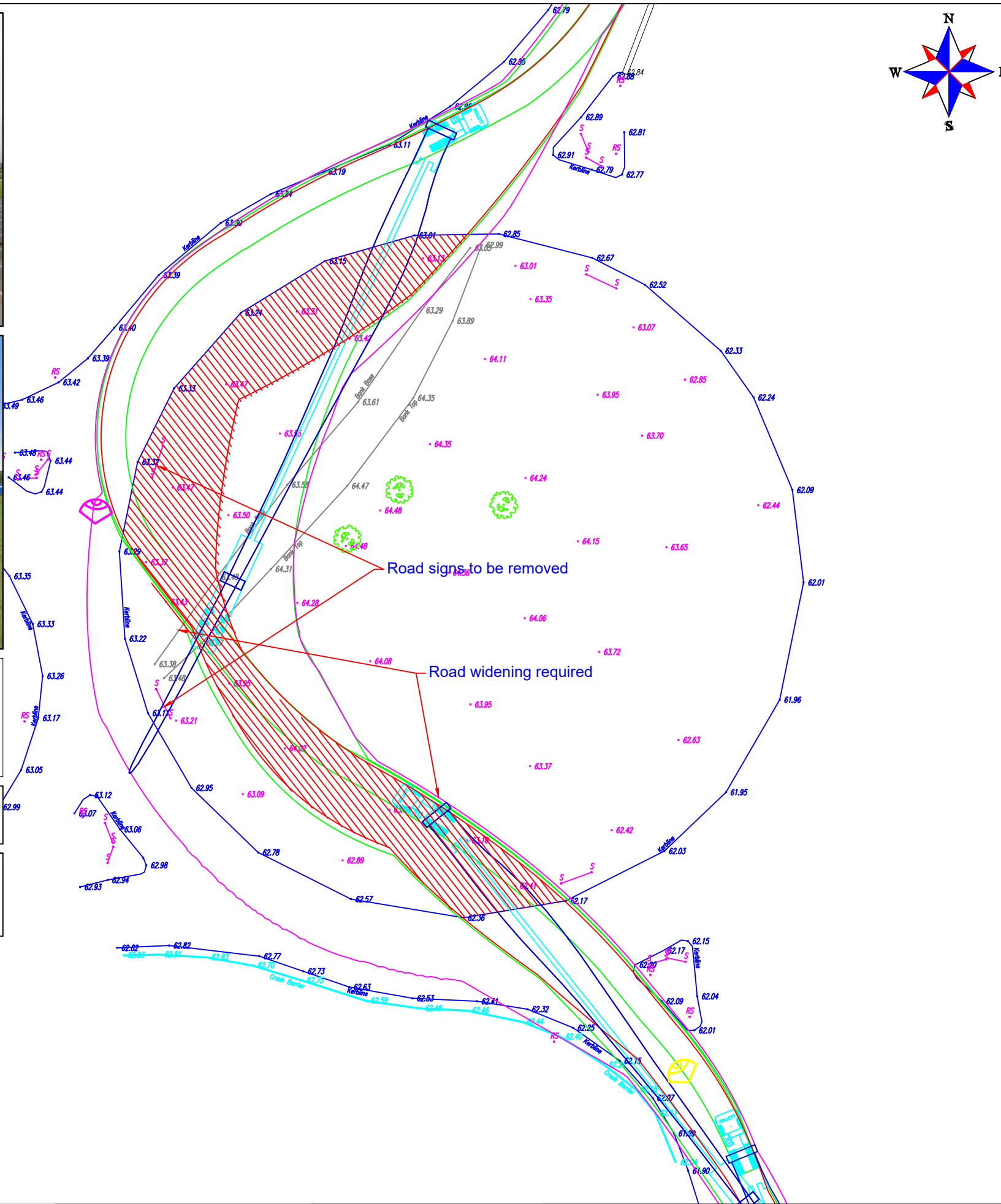


Swept Path indicates trailer utilising MANUAL steering

Generic
77.50m Blade
62.4m Super Wing Carrier



Continue on N29 to roundabout junction with R711.
At roundabout turn right onto N29.

****Caution****

- Widening required to provide a useable road surface as indicated by the red hatching.
- Two roads signs on central island are required to be removed.
- Manual steering will be required to assist navigation.
- Ground to be prepared to accept suitable axle loadings.

Irish Grid Reference: S 57431 26454

- 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.
- The drawing has been produced from Survey Data supplied by Coilte.
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- Turbine delivery vehicles can be both left and right hand drive vehicles, therefore due to drivers perception it must be assumed that every vehicle will not follow the exact same line and so a margin of additional space should be allowed for.
- Land take is usually referred to when land is required from Private Land Owners; road widening is usually referred to when land is required within highways boundaries. The boundaries between private land and highways property are assumed by using obvious demarcation such as fence lines/hedges etc. It should be noted that actual boundaries between highways and private land are not substantiated in this report and can only be authenticated by carrying out land searches.
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- All dimensions in meters.

- Area within red outline will be swept by tractor and trailer axles
- ▨ Hatched area within magenta outline to be cleared of all obstructions
- ▨ 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

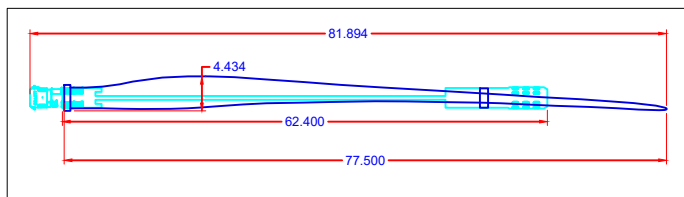


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Halifax, HX2 0DF WEB: www.collett.co.uk

DRAWN J.HALSTEAD
DATE 18/06/2020
SCALE 1:500 SIZE A3

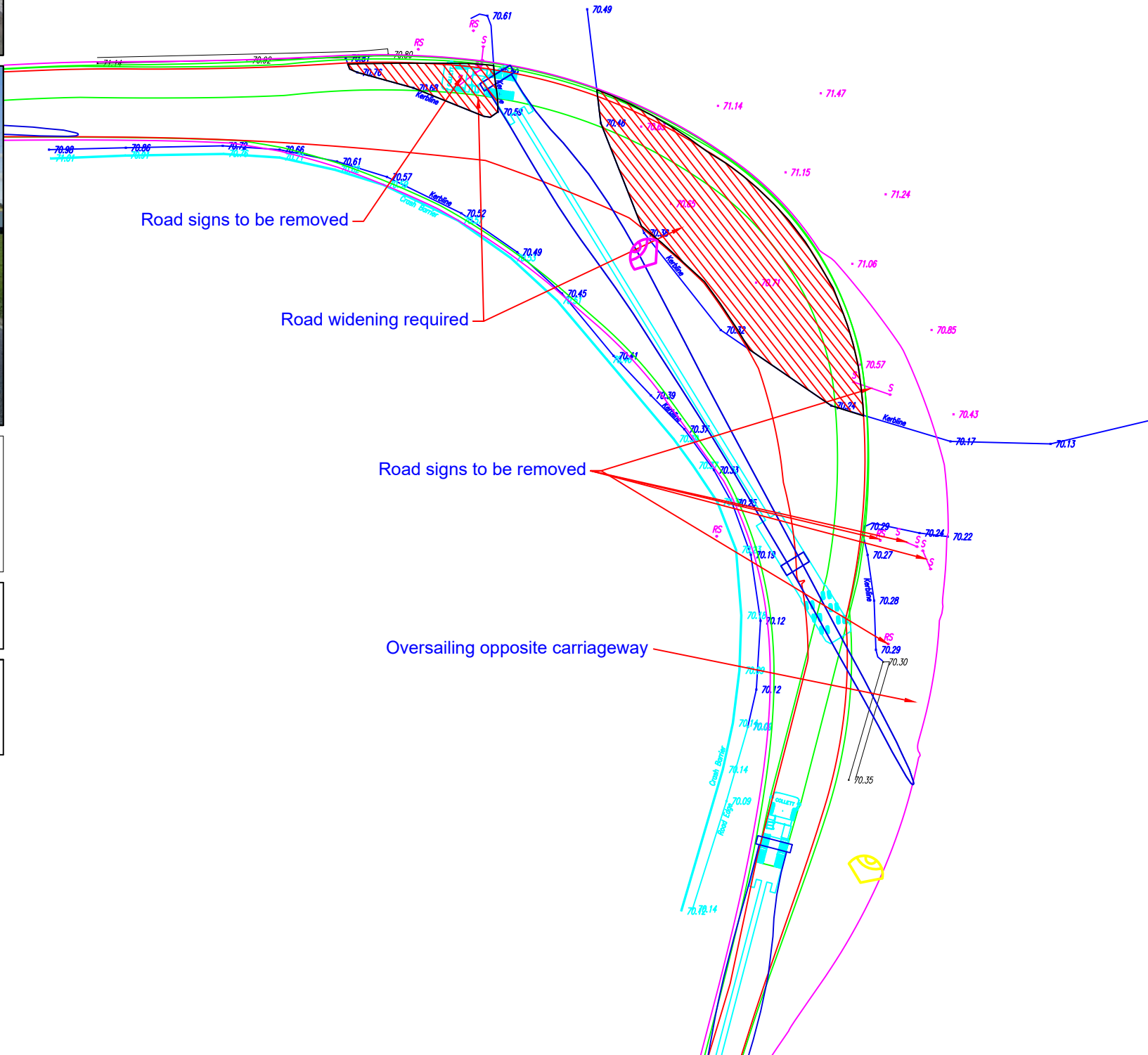
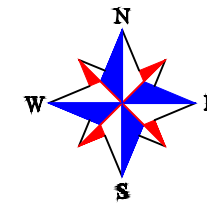
TITLE N29 ROUNDABOUT
MAPPING PROVIDED BY CLIENT
PINCH POINT IDENTIFIED BY CLIENT

CUSTOMER COILTTE
SITE SPRINGFIELD WIND FARM
DWG. 342068-30B1.1



Swept Path indicates trailer utilising MANUAL steering

Generic
77.50m Blade
62.4m Super Wing Carrier



Continue on N29 to roundabout junction with N25.
At roundabout turn left onto N25.

****Caution****

- Widening required to provide a useable road surface as indicated by the red hatching.
- Road signs on entrance splitter island, central island and exit splitter island required to be removed.
- Rear projection of the blade will oversail onto the oncoming carriage, traffic management will be required during this manoeuvre to avoid any collision with the tips of the blades.
- Ground to be prepared to accept suitable axle loadings.

Irish Grid Reference: S 64130 15831

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- Area within green outline will be oversailed by trailer body



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DRAWN	J.HALSTEAD	TITLE	N29 / N25 ROUNDABOUT		
DATE	18/06/2020	MAPPING	PROVIDED BY CLIENT	CUSTOMER	COILTTE
SCALE	1:500	SIZE	A3	PINCH POINT IDENTIFIED BY	CLIENT
			SITE	SPRINGFIELD WIND FARM	DWG. 342068-40B1.1



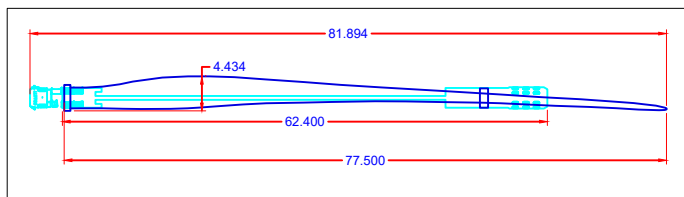
Overview



Direction of view

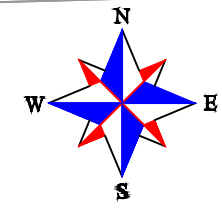
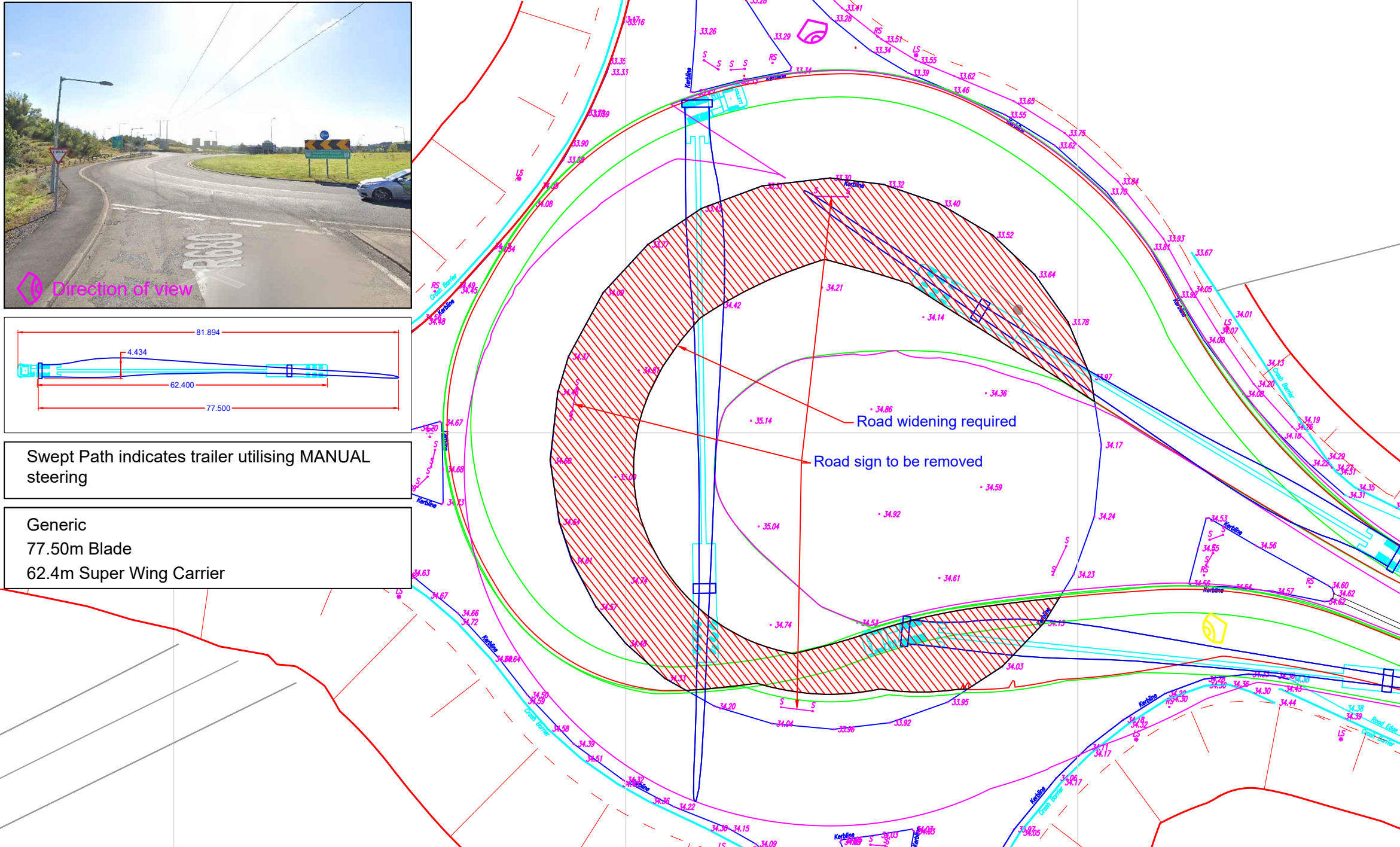


Direction of view



Swept Path indicates trailer utilising MANUAL steering

Generic
77.50m Blade
62.4m Super Wing Carrier



Continue on N25 to Carrick Road roundabout junction with R680.
At roundabout circumnavigate the roundabout to re-join the N25.

****Caution****

- Widening required to provide a useable road surface as indicated by the red hatching.
- Road signs on roundabout required to be removed.
- Ground to be prepared to accept suitable axle loadings.

Irish Grid Reference: S 51431 10217

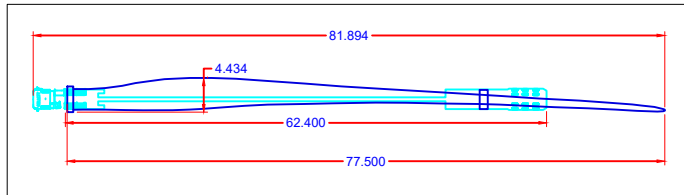
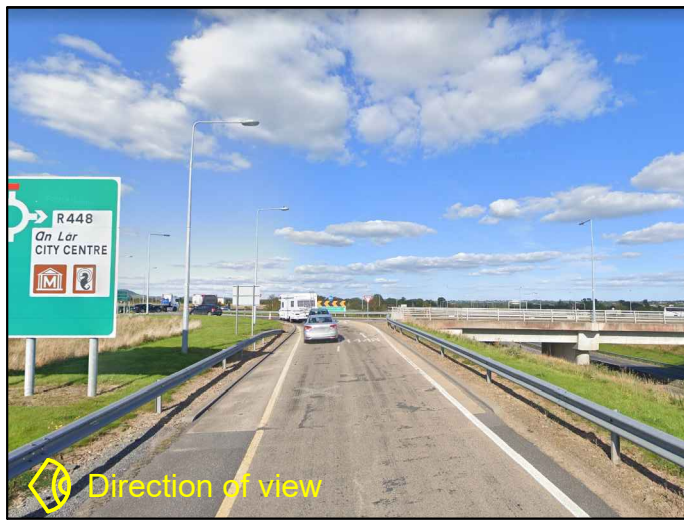
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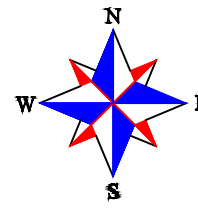
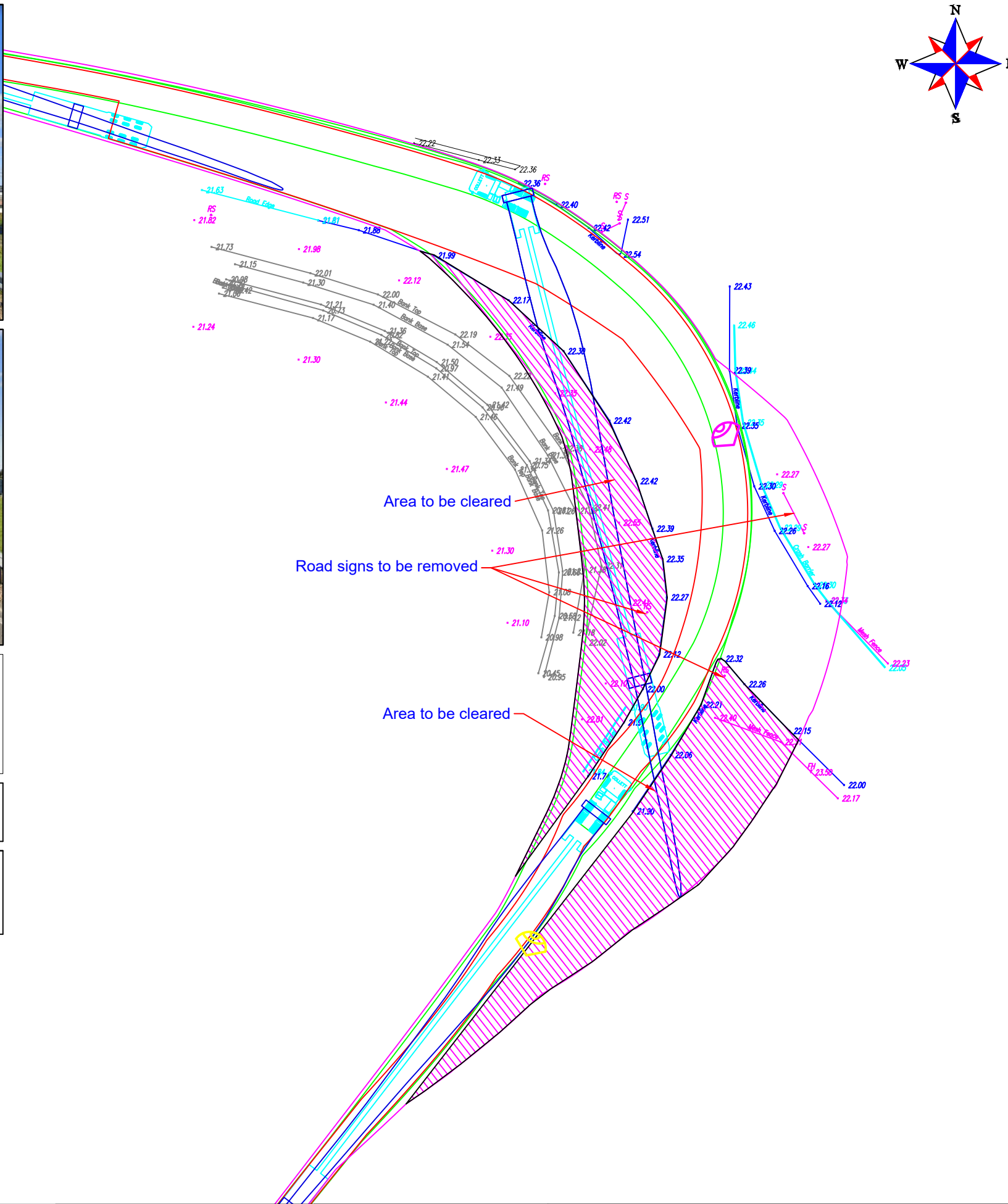
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Halifax, HX2 0DF WEB: www.collett.co.uk

DRAWN	J.HALSTEAD	TITLE	N25 ROUNDABOUT (Carrick Rd. Roundabout)		
DATE	18/06/2020	MAPPING	PROVIDED BY CLIENT	CUSTOMER	COILTTE
SCALE	1:500	SIZE	A3	PINCH POINT IDENTIFIED BY	CLIENT
				SITE	SPRINGFIELD WIND FARM
				DWG.	342068-50B1.1



Swept Path indicates trailer utilising MANUAL steering

Generic
77.50m Blade
62.4m Super Wing Carrier



Continue on N25 to roundabout junction with N9.
At roundabout turn left onto N9.

****Caution****

- Widening required to provide a useable road surface as indicated by the red hatching.
- Road sign required to be removed as indicated.
- Areas within magenta hatching is required to be cleared of all obstructions to allow blade and trailer to oversail.
- Ground to be prepared to accept suitable axle loadings.

Irish Grid Reference: S 57431 26454

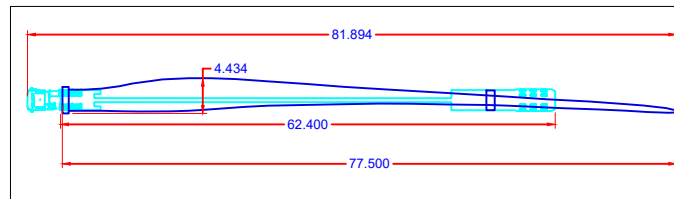
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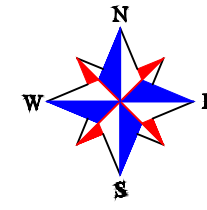
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DRAWN	J.HALSTEAD	TITLE	N25 / N9 ROUNDABOUT		
DATE	18/06/2020	MAPPING	PROVIDED BY CLIENT	CUSTOMER	COILTTE
SCALE	1:500	SIZE	A3	PINCH POINT IDENTIFIED BY	CLIENT
				SITE	SPRINGFIELD WIND FARM
				DWG.	342068-60B1.1



Swept Path indicates trailer utilising MANUAL steering

Generic
77.50m Blade
62.4m Super Wing Carrier

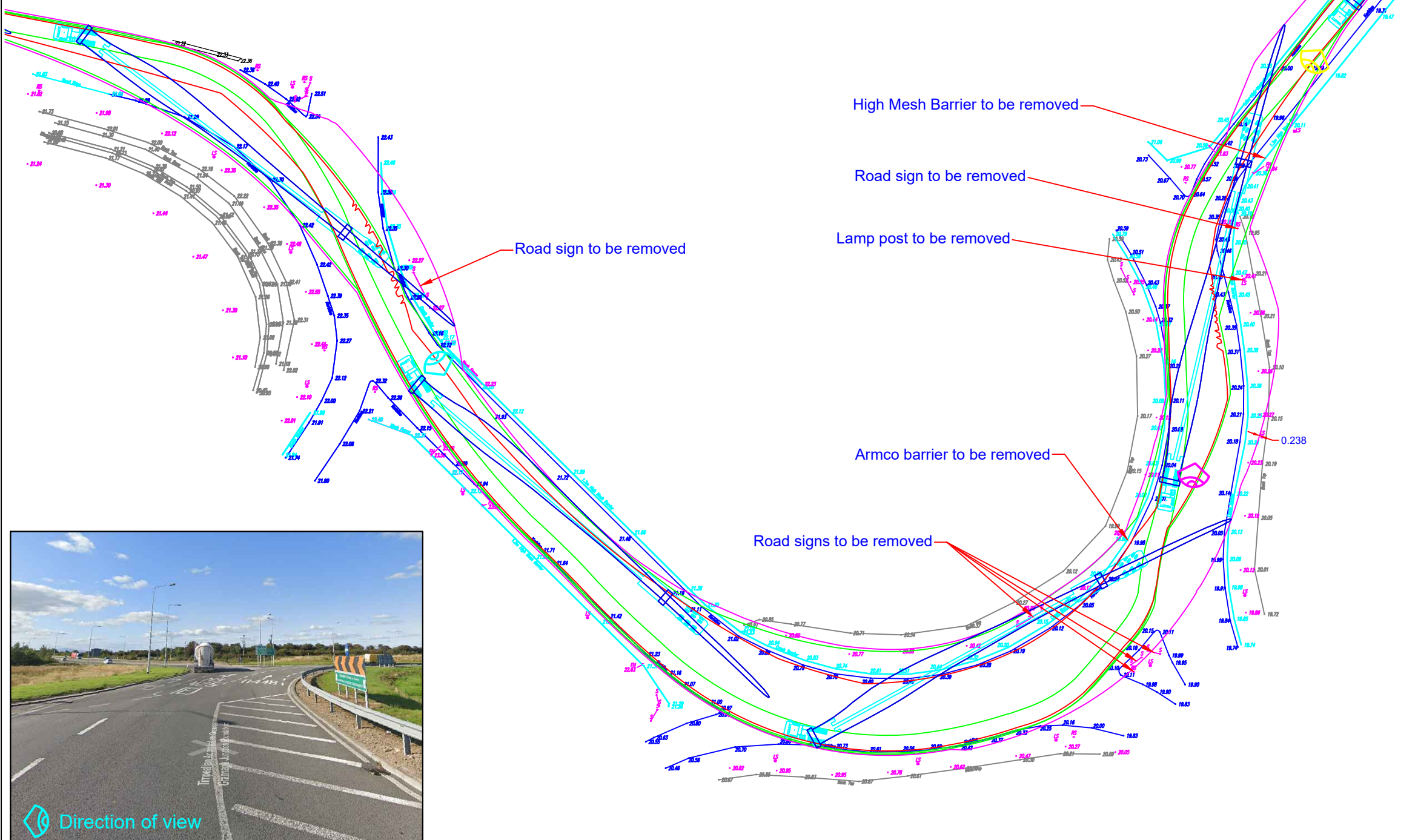


Continue on N25 to roundabout junction with N9.
At roundabout turn right onto N9.
****Caution****

- High mesh safety barrier on nearside required to be removed.
- Lamp post and road sign on nearside required to be removed to allow trailer and rear projection to oversail.
- Armco barrier on central reservation required to be removed or set back to avoid the removal of another lamp post.
- Road sign on central reservation required to be removed or set back.
- Road sign on exit required to be removed to allow rear projection to oversail.
- Rear projection of blade is 0.238m from lamp post on offside of roundabout, caution is to be taken when navigating.

Irish Grid Reference: S 58459 14871

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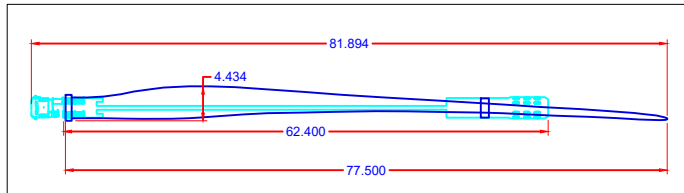


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DRAWN J.HALSTEAD
DATE 29/10/2020
SCALE 1:750 SIZE A3

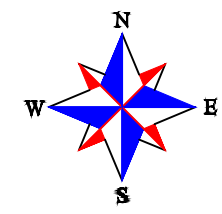
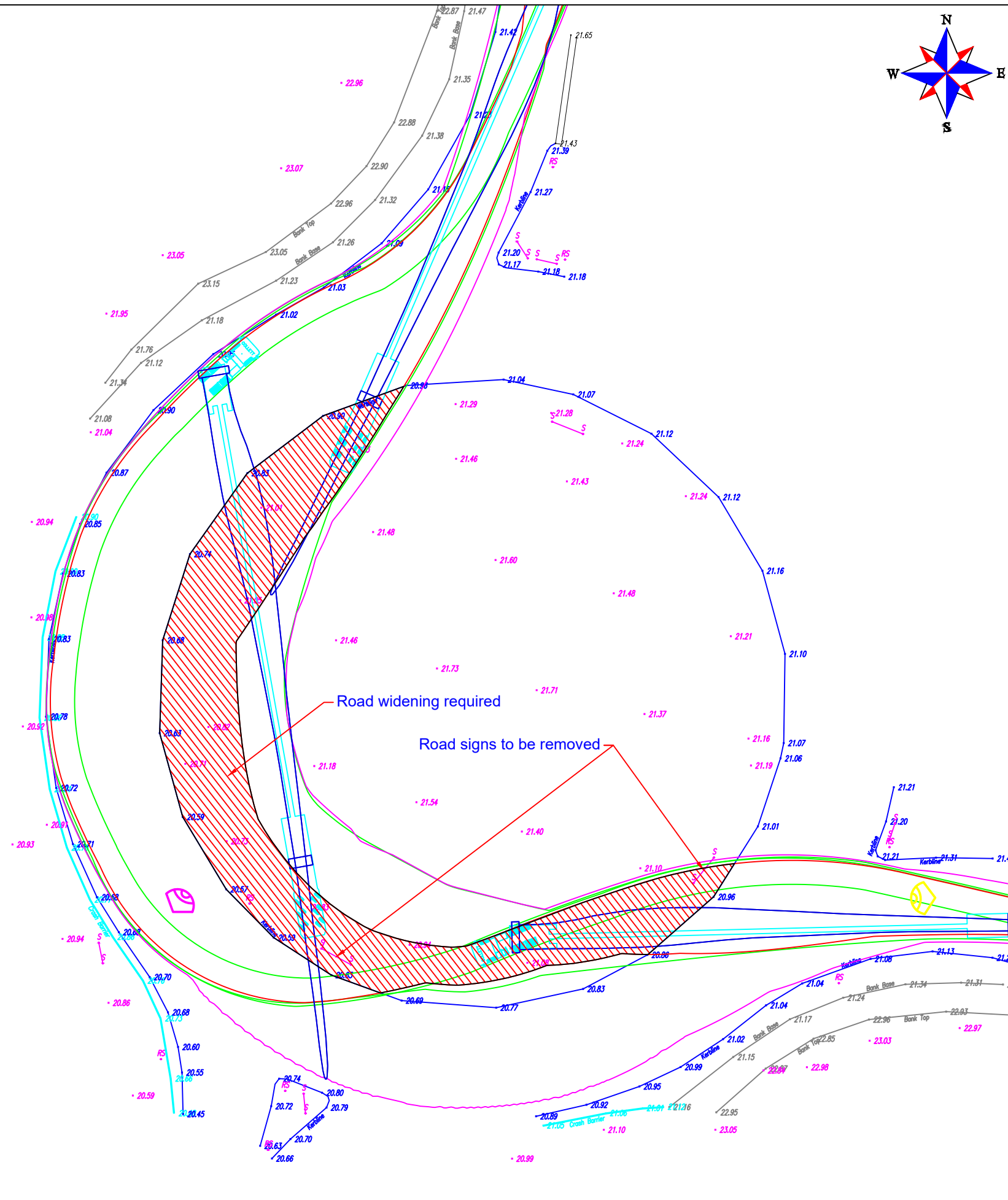
TITLE N25 / N9 ROUNDABOUT
MAPPING PROVIDED BY CLIENT
PINCH POINT IDENTIFIED BY CLIENT

CUSTOMER COILTTE
SITE SPRINGFIELD WIND FARM
DWG. 342068-60B1.2



Swept Path indicates trailer utilising MANUAL steering

Generic
77.50m Blade
62.4m Super Wing Carrier



Continue on N9 to roundabout junction with M9.
At roundabout turn right onto M9.

****Caution****

- Widening required to provide a useable road surface as indicated by the red hatching.
- Two road signs on central island required to be removed.
- Ground to be prepared to accept suitable axle loadings.

Irish Grid Reference: S 57431 26454

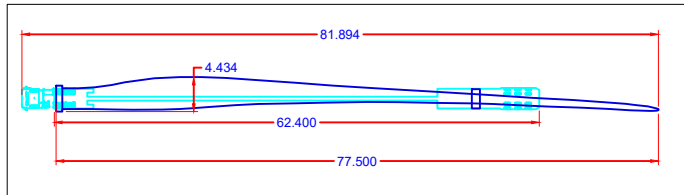
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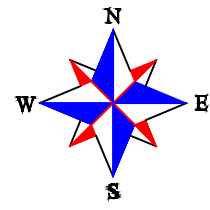
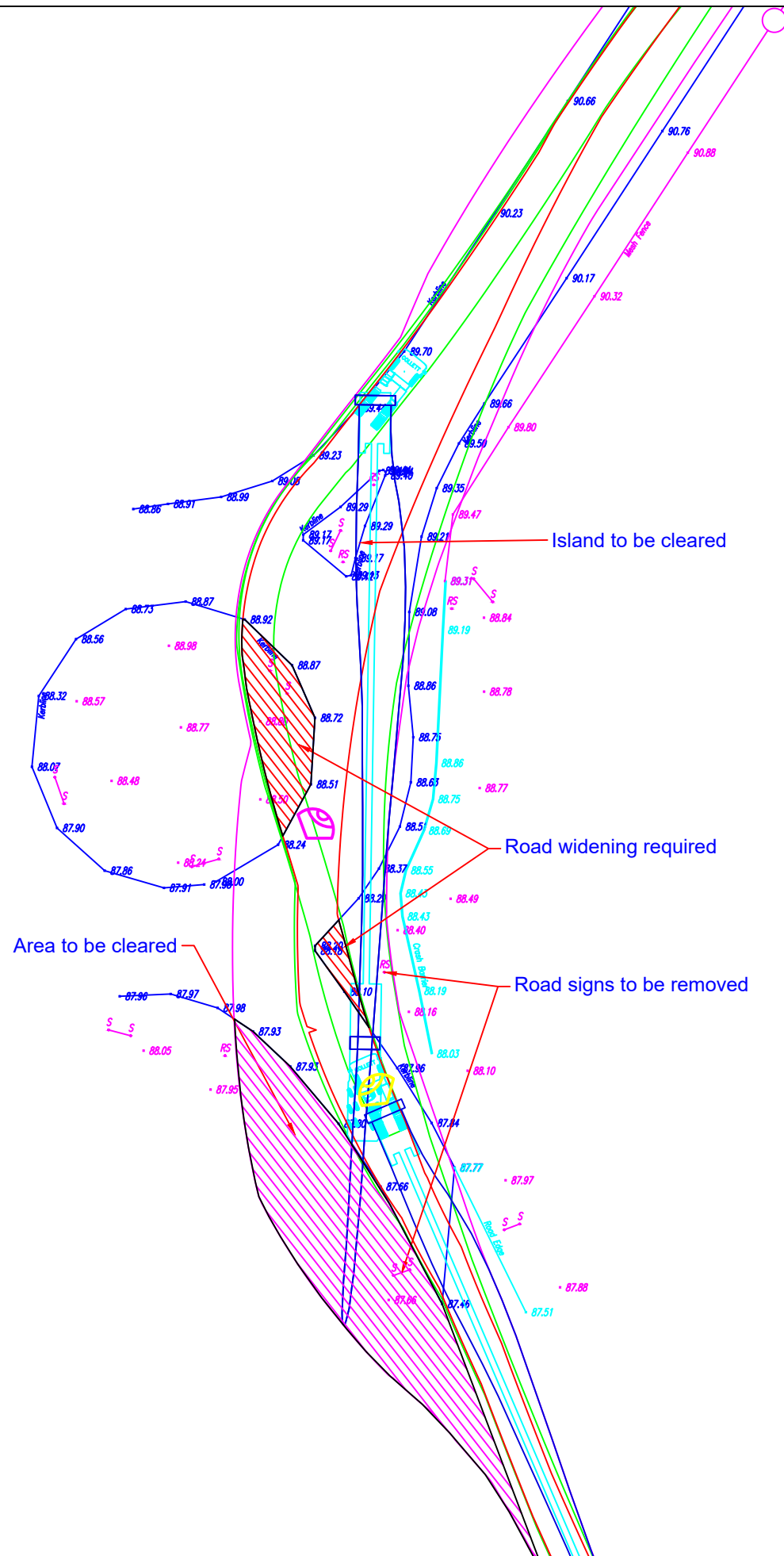
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DRAWN	J.HALSTEAD	TITLE	N9 / M9 ROUNDABOUT		
DATE	18/06/2020	MAPPING	PROVIDED BY CLIENT	CUSTOMER	COILTTE
SCALE	1:500	SIZE	A3	PINCH POINT IDENTIFIED BY	CLIENT
				SITE	SPRINGFIELD WIND FARM
				DWG.	342068-70B1.1



Swept Path indicates trailer utilising MANUAL steering

Generic
77.50m Blade
62.4m Super Wing Carrier



Exit M9 at junction 11 onto roundabout junction with R704.

At roundabout turn right on R704.

****Caution****

- Widening required to provide a useable road surface as indicated by the red hatching.
- Road signs on entrance to roundabout required to be removed as indicated.
- Exit splitter island is required to be cleared to allow trailer to oversail.
- Area within magenta hatching is required to be cleared of all obstructions to allow blade and trailer to oversail.
- Ground to be prepared to accept suitable axle loadings.

Irish Grid Reference: S 57431 26454

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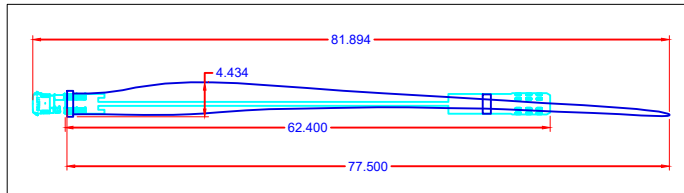


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Halifax, HX2 0DF WEB: www.collett.co.uk

DRAWN J.HALSTEAD
DATE 18/06/2020
SCALE 1:500 SIZE A3

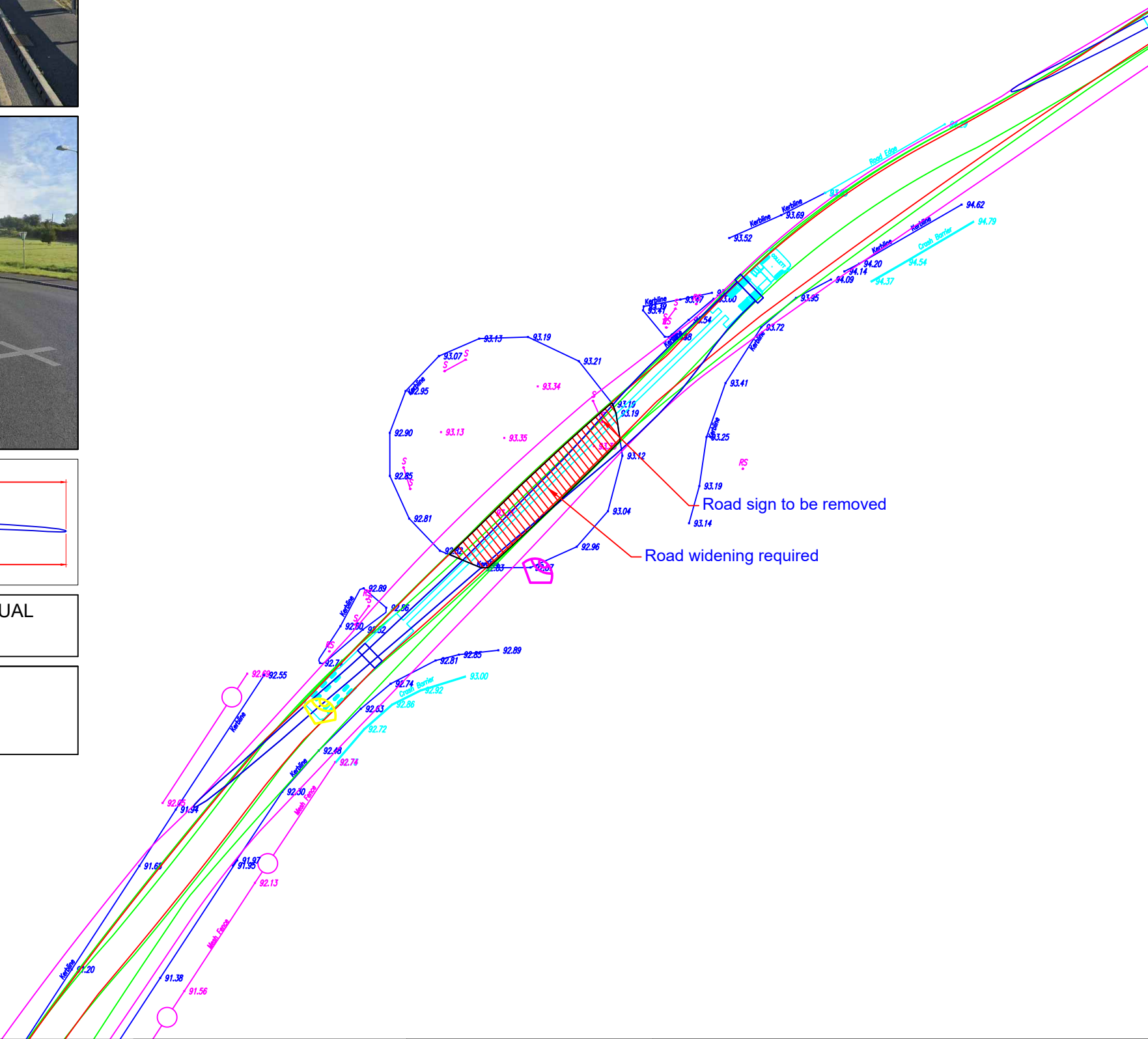
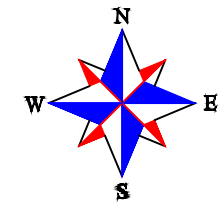
TITLE M9 / R704 ROUNDABOUT
MAPPING PROVIDED BY CLIENT
PINCH POINT IDENTIFIED BY CLIENT

CUSTOMER SPRINGFIELD WIND FARM
DWG. 342068-80B1.1



Swept Path indicates trailer utilising MANUAL steering

Generic
77.50m Blade
62.4m Super Wing Carrier



Continue on R704 roundabout at junction with M9.
At roundabout continue on R704.

****Caution****

- Widening required to provide a useable road surface as indicated by the red hatching.
- Road sign on central island required to be removed.
- Loaded blade is required to contra flow this roundabout in order to reduce the amount of modifications required.
- Ground to be prepared to accept suitable axle loadings.

Irish Grid Reference: S 57431 26454

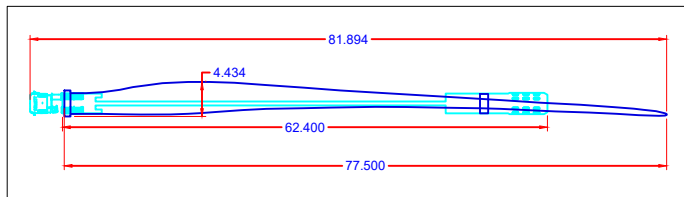
- The swept path analysis provided is produced from a purely transport orientated view, and does not consider any political issues in terms of land ownership, or any other precincts raised, that may otherwise be restrictive.
- The drawing has been produced from Survey Data supplied by Coilte.
- All swept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

- Area within red outline will be swept by tractor and trailer axles
- ▨ Hatched area within magenta outline to be cleared of all obstructions
- ▨ 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



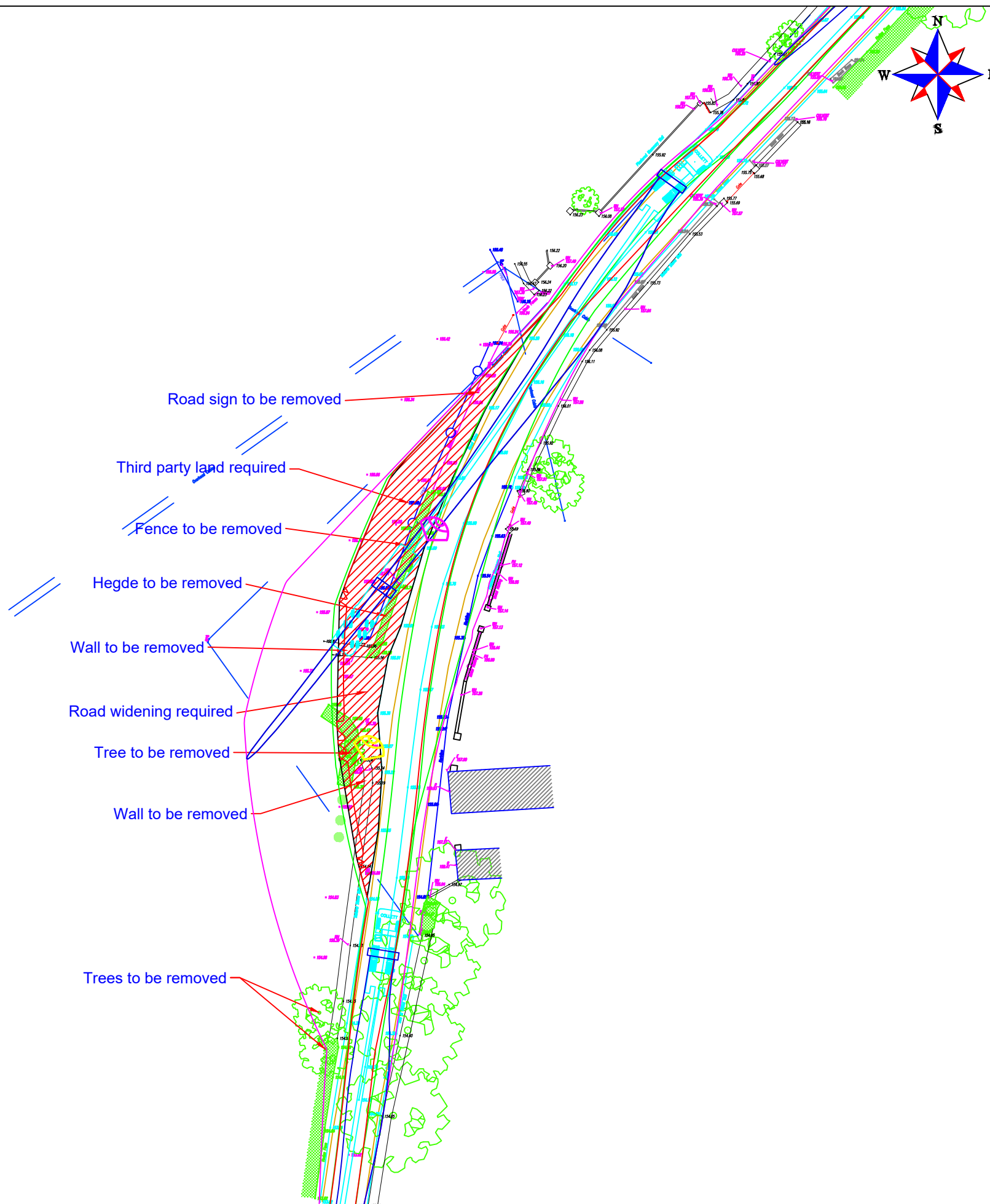
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DRAWN	J.HALSTEAD	TITLE	R704 / M9 ROUNDABOUT		
DATE	18/06/2020	MAPPING	PROVIDED BY CLIENT	CUSTOMER	COILTTE
SCALE	1:500	SIZE	A3	PINCH POINT IDENTIFIED BY	CLIENT
				SITE	SPRINGFIELD WIND FARM
				DWG.	342068-90B1.1



Swept Path indicates trailer utilising MANUAL steering

Generic
77.50m Blade
62.4m Super Wing Carrier



Continue on R704 to right hand bend at house.

****Caution****

- Widening required to provide a useable road surface as indicated by the red hatching.
- Third party land is required on nearside of R704 to avoid oversailing third party land on the offside and colliding with private wall.
- The obstructions on the nearside will require removal as shown, which includes fencing, hedge rows, walls and street furniture.
- Manual steering will be required to assist navigation.
- Loaded blade is 0.242m from private wall on the offside.
- Two trees on nearside required to be removed to allow rear projection to oversail.
- Ground to be prepared to accept suitable axle loadings.

Irish Grid Reference: S 57431 26454

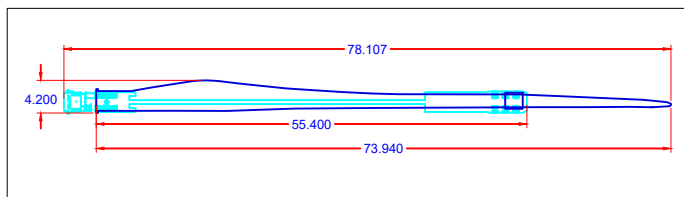
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- The drawing has been produced from Survey Data supplied by Coillte.
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- All dimensions in meters.

- 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



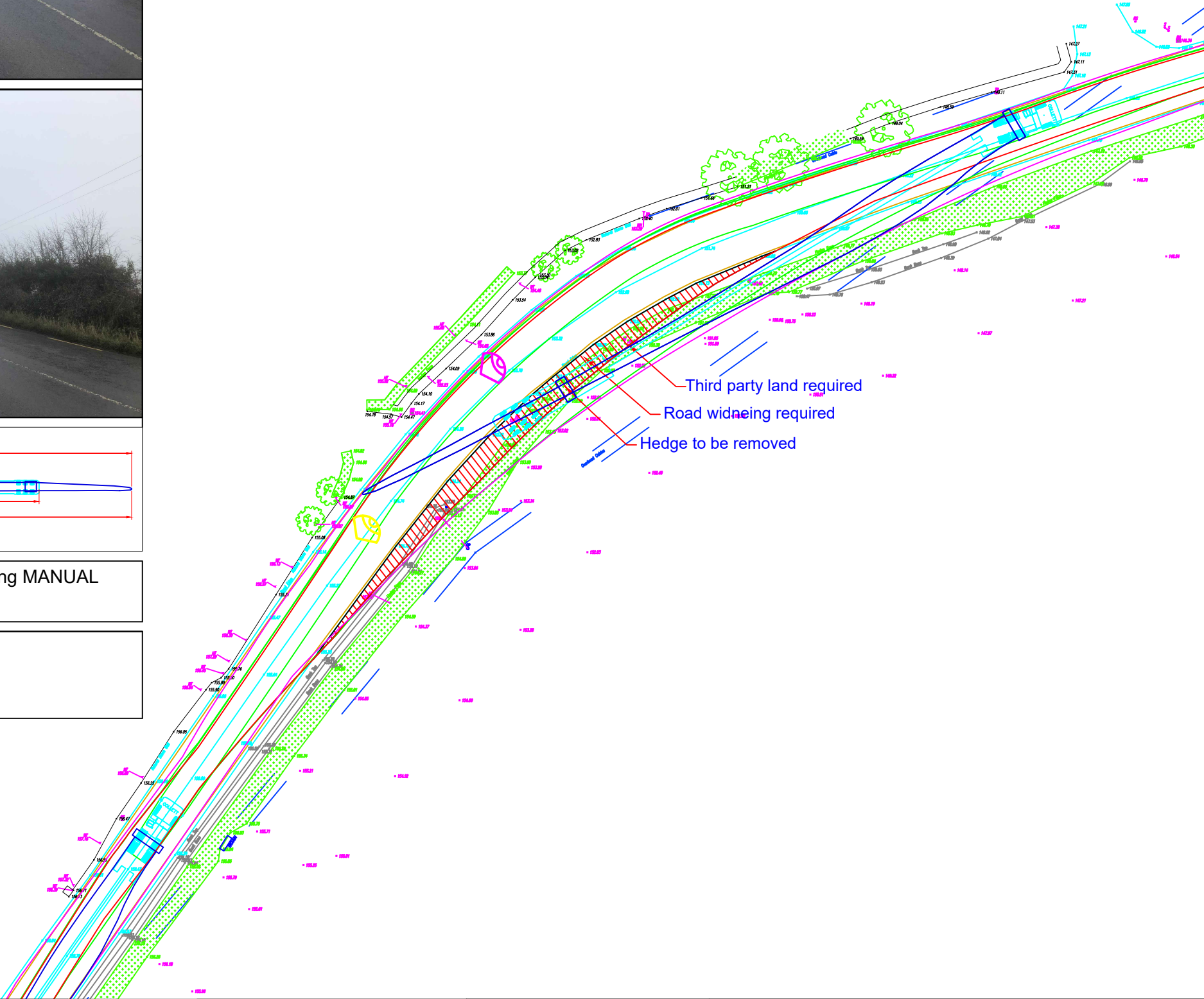
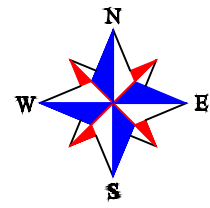
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DRAWN	J.HALSTEAD	TITLE	RIGHT HAND BEND ON R704		
DATE	18/06/2020	MAPPING	PROVIDED BY CLIENT	CUSTOMER	COILTTE
SCALE	1:500	SIZE	A3	PINCH POINT IDENTIFIED BY	CLIENT
				SITE	SPRINGFIELD WIND FARM
				DWG.	342068-100B1.1



Swept Path indicates trailer utilising MANUAL steering

Generic
77.50m Blade
62.4m Super Wing Carrier



Third party land required
Road widening required
Hedge to be removed

Continue on R704 to right hand bend in Ballynooney.

****Caution****

- Widening required to provide a useable road surface as indicated by the red hatching.
- Third party land is required on offside of R704.
- Hedge row on the offside to be removed.
- Manual steering will be required to assist navigation.
- Ground to be prepared to accept suitable axle loadings.

Irish Grid Reference: S 58107 27084

- 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.
- The drawing has been produced from Survey Data supplied by Coilltte.
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- This SPA is a means of providing evidence of minimum requirements of any one vehicle as a footprint and there is no safety factor or margin included.
- Turbine delivery vehicles can be both left and right hand drive vehicles, therefore due to drivers perception it must be assumed that every vehicle will not follow the exact same line and so a margin of additional space should be allowed for.
- Land take is usually referred to when land is required from Private Land Owners; road widening is usually referred to when land is required within highways boundaries. The boundaries between private land and highways property are assumed by using obvious demarcation such as fence lines/hedges etc. It should be noted that actual boundaries between highways and private land are not substantiated in this report and can only be authenticated by carrying out land searches.
- Police escorts and permits will be required for the movement of all of the components. Form 'BE16' permits will also be required to undertake the movement of the vehicle shown in the swept path analysis. These permits are at the discretion of the Highway Agency (HA). Therefore, approval of these 'permits for movements' by the HA are a major consideration before the physical capability to deliver these components are undertaken.
- In critical areas, where modifications are required, the road construction must be formed to the minimum specification contained in the Turbine Manufactures Transport Guidance Notes.
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- All dimensions in meters.

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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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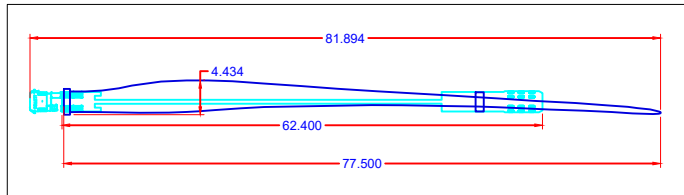
DRAWN	J.HALSTEAD	TITLE	RIGHT HAND BEND ON R704		
DATE	27/02/2020	MAPPING	PROVIDED BY CLIENT	CUSTOMER	COILTTE
SCALE	1:500	SIZE	A3	PINCH POINT IDENTIFIED BY	CLIENT
				SITE	SPRINGFIELD WIND FARM
				DWG.	342068-110B1.1



Overview

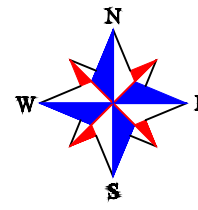


Direction of view



Swept Path indicates trailer utilising MANUAL steering

Generic
77.50m Blade
62.4m Super Wing Carrier



Continue on R704 to site entrance on nearside.

****Caution****

- Widening required to provide a useable road surface as indicated by the red hatching.
- Area within magenta hatching is required to be cleared of all obstructions to allow the loaded blade and trailer to oversail these areas.
- Gate on entrance required to be removed.
- Ground to be prepared to accept suitable axle loadings.

Irish Grid Reference: S 60126 27569

- 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.
- The drawing has been produced from Aerial mapping. A site visit has **not** been conducted to verify road widths or the presence of street furniture at this location.
- 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 meters.

Gate to be removed
Road widening required
Area to be cleared

Area to be cleared

- 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	J.HALSTEAD	TITLE	SITE ENTRANCE		
DATE	05/11/2020	MAPPING	PROVIDED BY CLIENT	CUSTOMER	COILTTE
SCALE	1:500	SIZE	A3	PINCH POINT IDENTIFIED BY	CLIENT
				SITE	SPRINGFIELD WIND FARM
				DWG.	342068-120B1.2