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## APPENDIX 15-3

**SWEPT PATH ANALYSIS PACK**



NOTES:

PLANNING DRAWING ONLY - NOT FOR CONSTRUCTION PURPOSES

Location 1a - Exit from Belview Port onto N29, blade extended artic

PROJECT: Seskin Wind Farm, Co. Carlow		ALAN LIPSCOMBE TRAFFIC & TRANSPORT CONSULTANT
CLIENT: EDF Renewables Ireland Ltd	SCALE: 1:1000	
PROJECT NO: 8800	DATE: 17.04.24	
DRAWN BY: AL		



NOTES:

PLANNING DRAWING ONLY - NOT FOR CONSTRUCTION PURPOSES

Location 1b - N29 / R711 roundabout, blade extended artic		
PROJECT: Seskin Wind Farm, Co. Carlow		
CLIENT: EDF Renewables Ireland Ltd	SCALE: 1:1000	
PROJECT NO: 8800	DATE: 17.04.24	DRAWN BY: AL

ALAN LIPSCOMBE  
TRAFFIC & TRANSPORT CONSULTANTS



NOTES:

PLANNING DRAWING ONLY - NOT FOR CONSTRUCTION PURPOSES

Location 1c - N29 / N25 roundabout, blade extended artic

PROJECT: Seskin Wind Farm, Co. Carlow		
CLIENT: EDF Renewables Ireland Ltd	SCALE: 1:1000	
PROJECT NO: 8800	DATE: 17.04.24	DRAWN BY: AL

ALAN LIPSCOMBE  
TRAFFIC & TRANSPORT CONSULTANTS



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NOTES:

PLANNING DRAWING ONLY - NOT FOR CONSTRUCTION PURPOSES

Location 1d - N25 / N9 roundabout, blade extended artic

PROJECT: Seskin Wind Farm, Co. Carlow		
CLIENT:	EDF Renewables Ireland Ltd	SCALE: 1:1000
PROJECT NO: 8800	DATE: 17.04.24	DRAWN BY: AL

ALAN LIPSCOMBE  
TRAFFIC & TRANSPORT CONSULTANTS

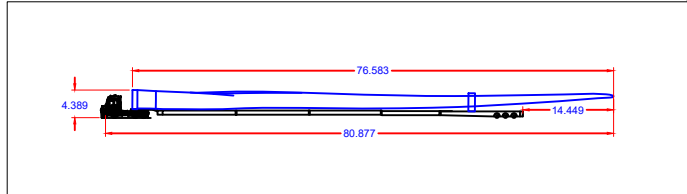


NOTES:

PLANNING DRAWING ONLY - NOT FOR CONSTRUCTION PURPOSES

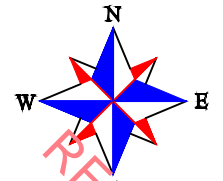
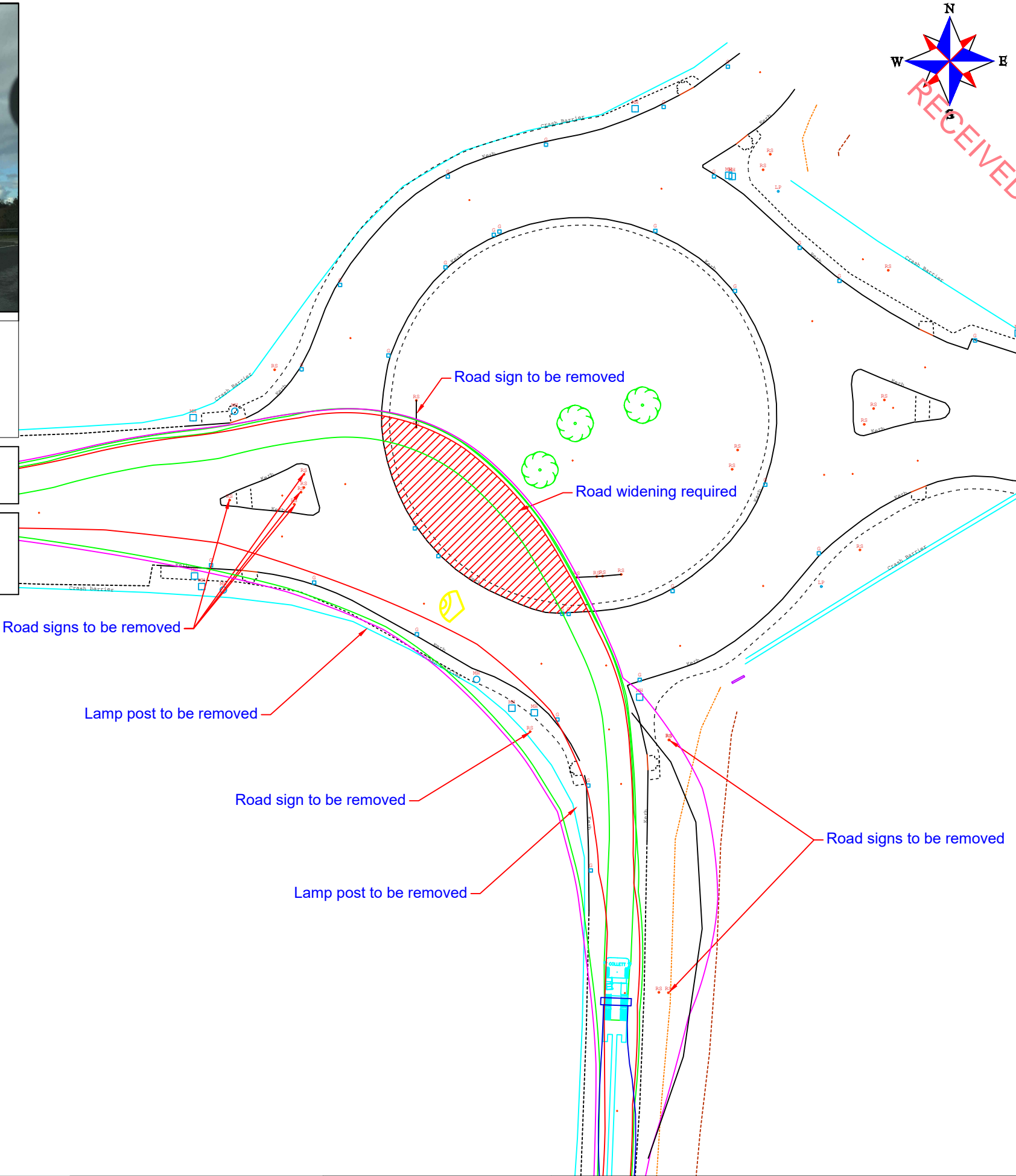
Location 1e - N9 / M9 roundabout, blade extended artic		
PROJECT: Seskin Wind Farm, Co. Carlow		
CLIENT: EDF Renewables Ireland Ltd		SCALE: 1:1000
PROJECT NO: 8800	DATE: 17.04.24	DRAWN BY: AL

ALAN LIPSCOMBE  
TRAFFIC & TRANSPORT CONSULTANTS



Swept Path indicates trailer utilising MANUAL steering

Siemens Gamesa  
SG155 Blade Component  
Superwing Carrier



Exit M9 at Junction 3 to roundabout.  
At roundabout, turn left onto N78.

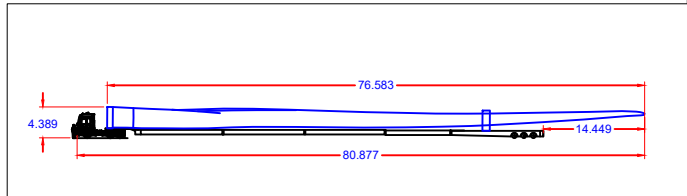
**\*\*Caution\*\***

- Widening required to provide a useable road surface as indicated by the red hatching.
- Indicated street furniture to be removed.
- Loaded blade oversailing armco barrier on nearside of roundabout.
- Ground to be prepared to accept suitable axle loadings.

OSi Grid Reference: S 77664 94772

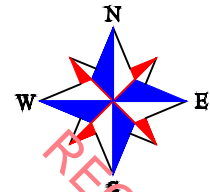
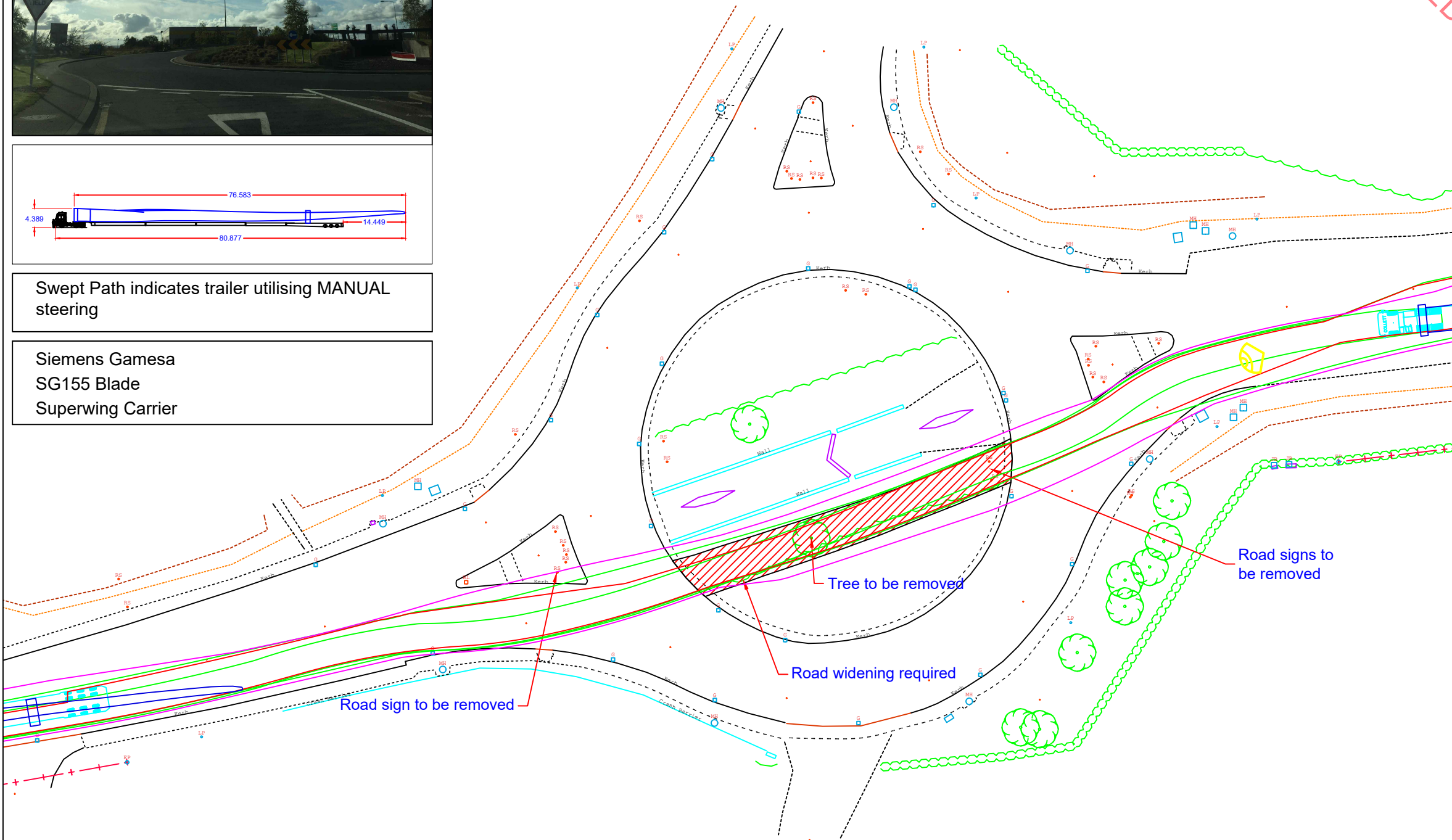
- The swept path analysis provided is produced from a purely transport orientated view, and does not consider any political issues in terms of land ownership, or any other precincts raised, that may otherwise be restrictive.
- The drawing has been produced from topographical survey data provided by the client.
- 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. These permits are at the discretion of the local authorities (LA). Therefore, approval of these '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 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



Swept Path indicates trailer utilising MANUAL steering

Siemens Gamesa  
SG155 Blade  
Superwing Carrier



Continue on N78 to roundabout at junction with R418.  
At roundabout, continue straight on N78.

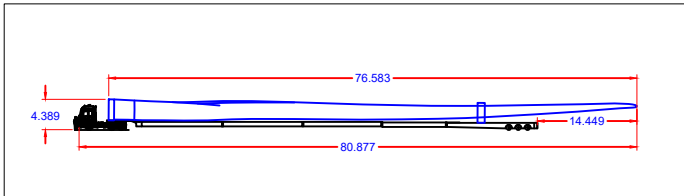
**\*\*Caution\*\***

- Widening required to provide a useable road surface as indicated by the red hatching.
- Indicated street furniture to be removed.
- Road widening is required on central island to avoid oversailing third party land on nearside of entrance to roundabout.
- Ground to be prepared to accept suitable axle loadings.

OSi Grid Reference: S 69750 94208

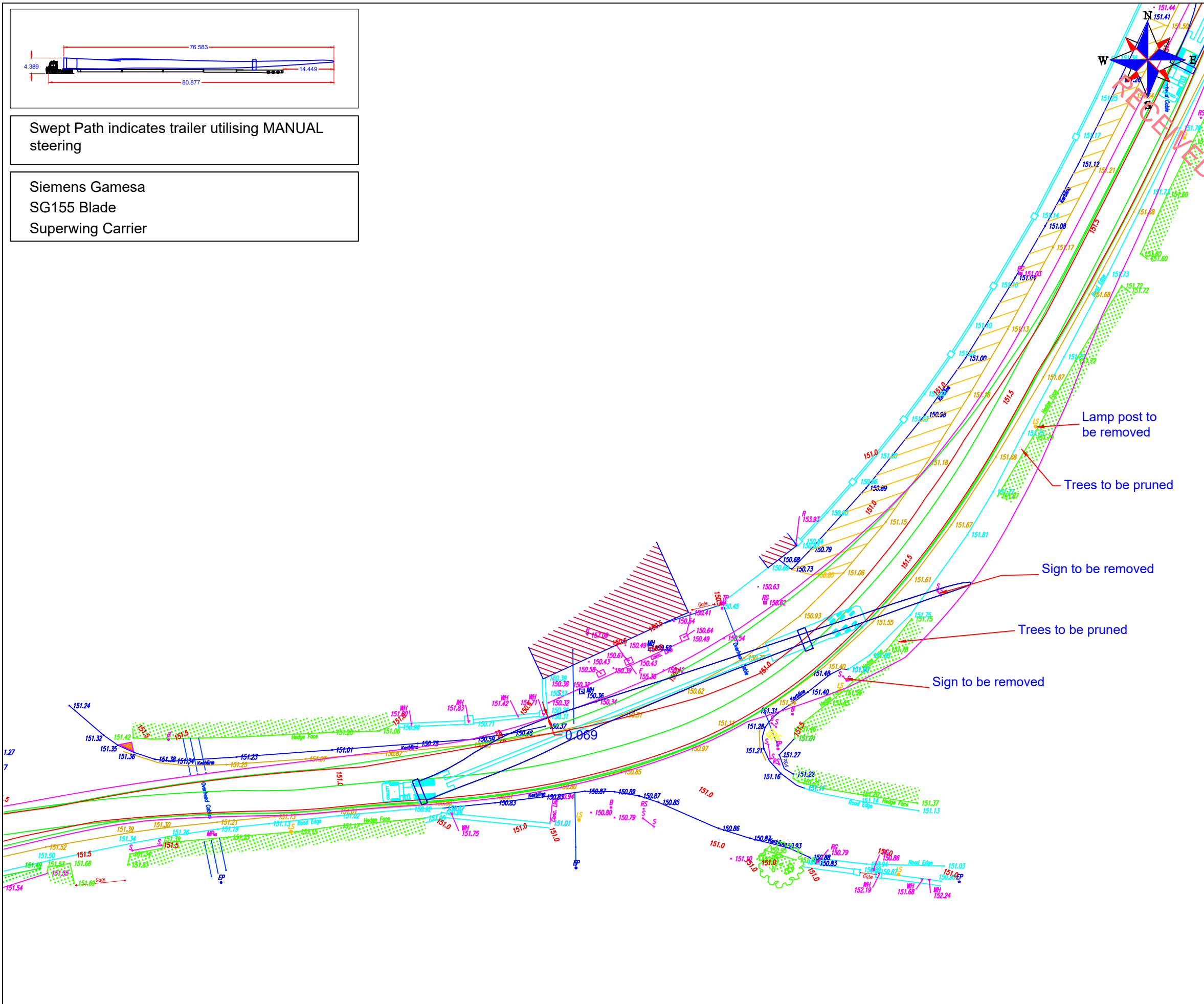
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- The drawing has been produced from topographical survey data provided by the client.
- All swept path diagrams and assessments are made and calculated for the road movement of loaded trailer equipment carrying Turbine components. These dimensions are based on the turning circles and specification of Collett & Sons Ltd trailer equipment.
- This SPA is a means of providing evidence of minimum requirements of any one vehicle as a footprint and there is no safety factor or margin included.
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- All dimensions in meters

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



Swept Path indicates trailer utilising MANUAL steering

Siemens Gamesa  
SG155 Blade  
Superwing Carrier



Continue on N78 to Crettyard

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

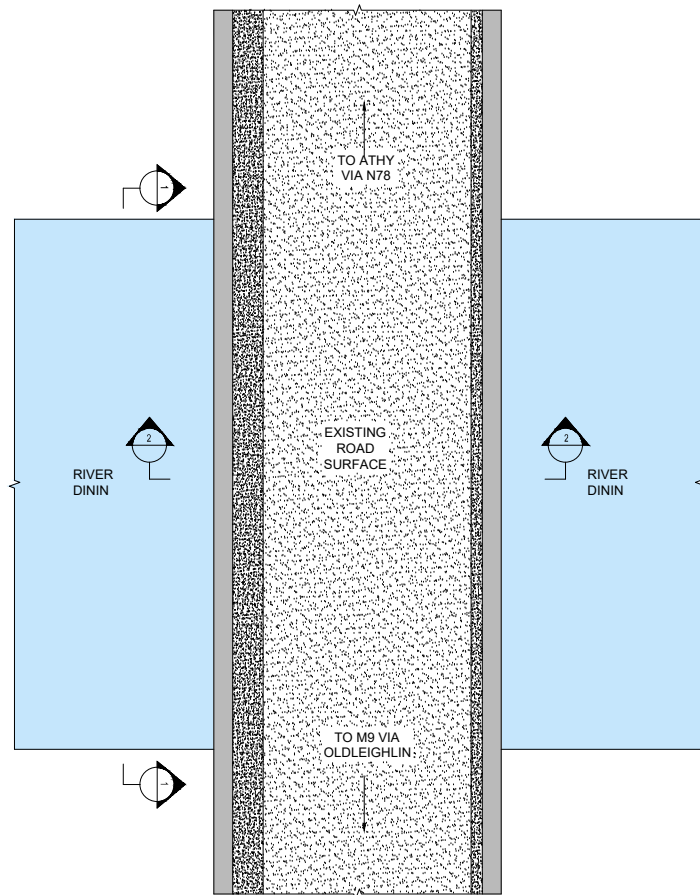
- The loaded blade is 0.069m away from the wall on the offside.
- Indicated street furniture to be removed.
- Tree pruning required as indicated.

OSi Grid Reference: S 58635 77148

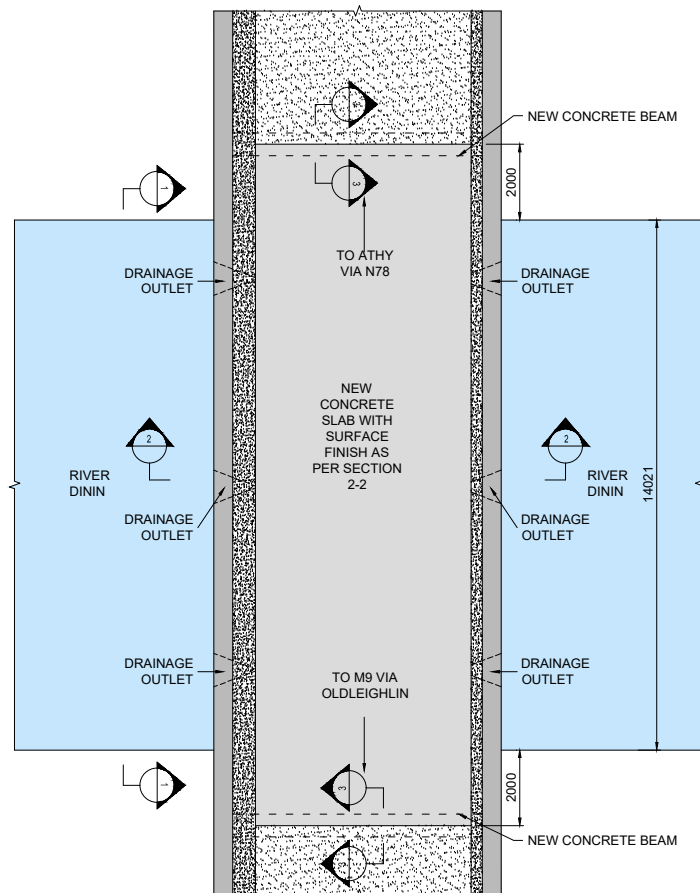
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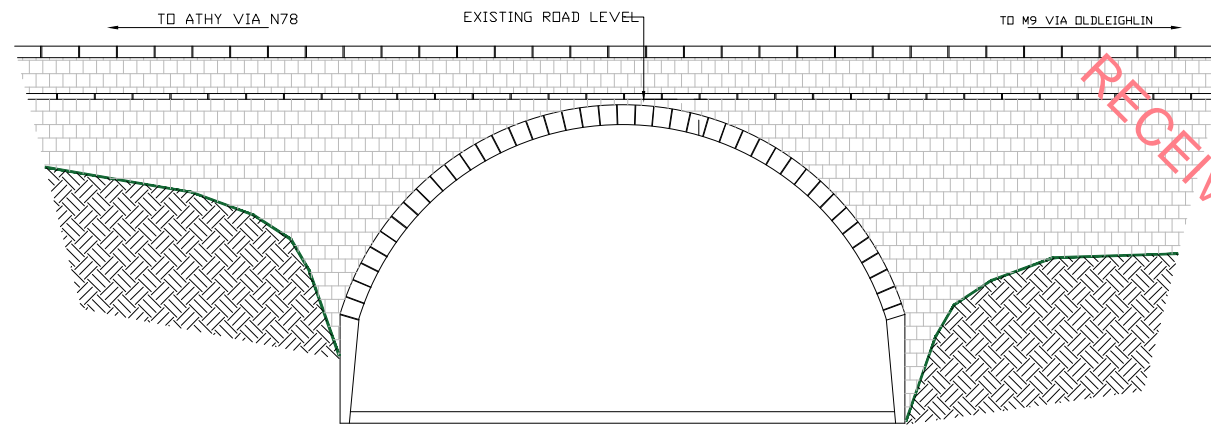
	COLLETT & SONS LIMITED Victoria Terminal TEL: +44(0)8456 255288 Albert Road FAX: +44(0)8456 255244 Halifax, HX2 0DF WEB: www.collett.co.uk	DRAWN S.BUDGEN		TITLE CRETTYARD			
		DATE 24/10/2020		MAPPING PROVIDED BY CLIENT		CUSTOMER EDF RENEWABLES	
		SCALE 1:500	SIZE A3	PINCH POINT IDENTIFIED BY COLLETT		SITE SESKIN WIND FARM	DWG. NO. 371609-60B1.1



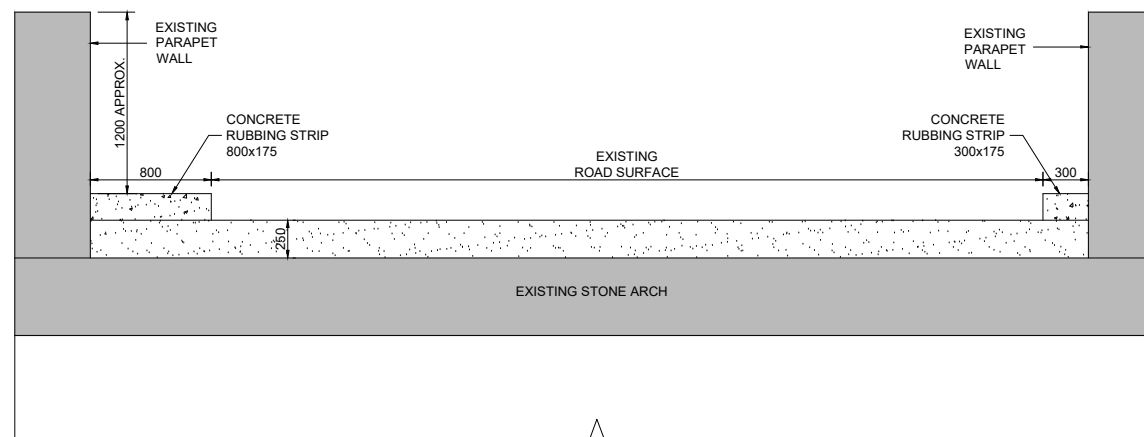
BRIDGE PLAN (EXISTING)  
SCALE 1:100



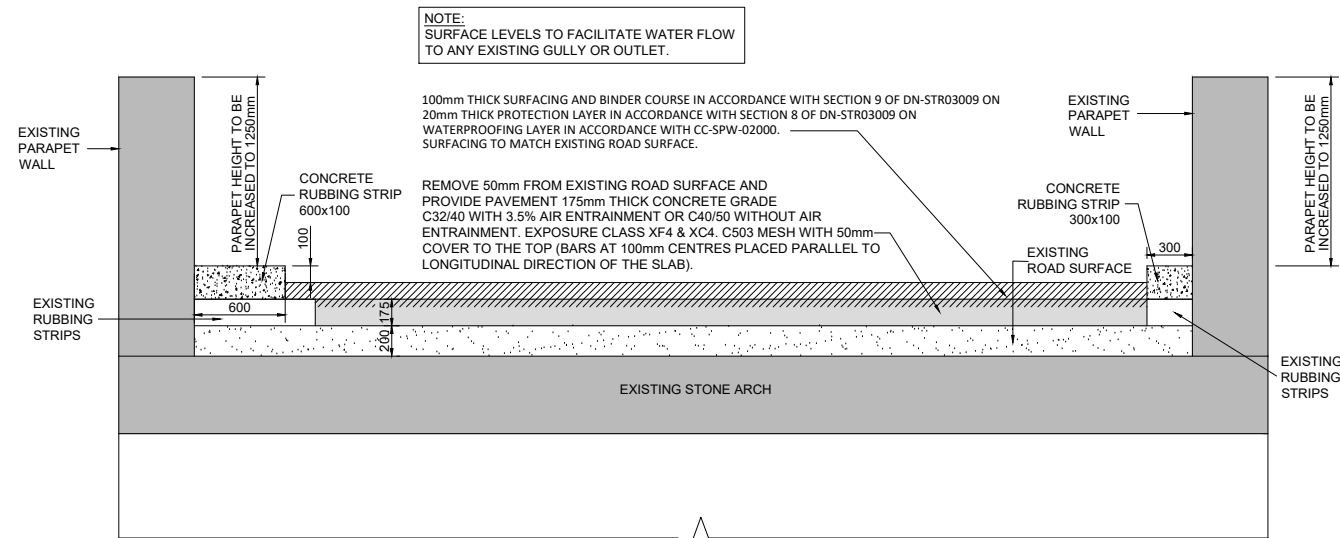
BRIDGE PLAN (PROPOSED)  
SCALE 1:100



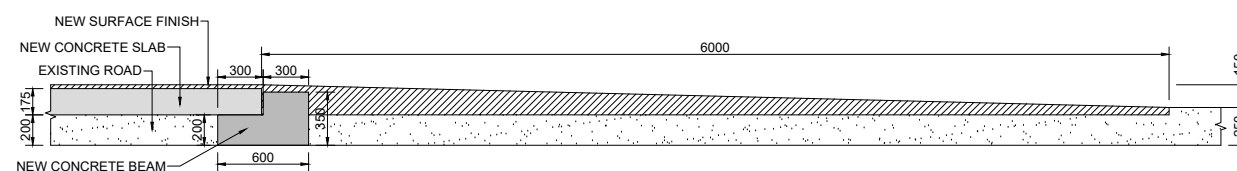
SECTION 1-1  
SCALE 1:100



SECTION 2-2 (EXISTING)  
SCALE 1:25



SECTION 2-2 (PROPOSED)  
SCALE 1:25



SECTION 3-3 (PROPOSED)  
SCALE 1:25

RECEIVED: 07/05/2024

rev.	modifications	by	date

Client	EDF RENEWABLES IRELAND LIMITED		
Project	SESKIN WIND FARM		
Stage	PLANNING		
Title	BLACK BRIDGE - PROPOSED MODIFICATION DETAILS		
Scales	AS SHOWN		
Surveyed	Prepared By NO	Checked JMCE	Date DEC 2023

JENNINGS O'DONOVAN & PARTNERS LIMITED CONSULTING ENGINEERS, FINISKLIN, SLIGO, IRELAND. TEL: (0035371) 9161416. FAX: (0035371) 9161080. Email: info@jodireland.com Web: www.jodireland.com	
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Job No. 7159	Drawing No. S100-1	Revision
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