

11 Summary

11.1 Summary of Route Survey Review

Pell Frischmann Consultants Ltd (PF) has been commissioned by Ramboll UK Ltd (Ramboll) to undertake a Route Survey Review (RSR) on behalf of RenewCo (the Developer) to examine the issues associated with the transport of wind turbine Abnormal Indivisible Loads (AIL) associated with the development of Ravengill Renewable Energy Park, located to the west of Lettershaws, in the South Lanarkshire Council (SLC) administrative area.

This report identifies the key points and issues associated with the proposed routes and outlines the issues that will need to be considered for successful delivery of the components.

The access review has been based upon Siemens Gamesa SG170 wind turbine components and has been undertaken on the basis of the blade components loaded onto a dolly clamp trailer; and the tower sections loaded onto a tower clamp trailer.

Due to the transport configurations being classified as Special Order, in accordance with the Water Preferred Policy, King George V (KGV) Dock has been considered as Port of Entry (POE) for the project as it is the closest marine facility to site capable of dealing with this size of cargo. Also, due to the Special Order classification of the loads, full Police escort will be required along the length of all routes from KGV Dock to site.

The route travels south from KGV Dock to M6 Jct 42 Golden Fleece Interchange where the loads will exit the southbound carriageway, travel around the roundabout and re-join the M6 northbound in order to enable the loads to join the A702 southbound en route to the proposed site access point.

A review of the current structural capability of the route has been carried out; however, responses had not been received from Amey (South West Scotland) at the time of writing this report, therefore, the route has not been confirmed as structurally capable of accommodating the AILs. M6DBFO and National Highways North West Region (NHNW) have approved the use of their structural assets; and M8 DBFO have approved the use of their structural assets under operational cautions. Loads are to cross structure no. M74 6-5 75 Raith straddling lanes one and two with no other traffic on the structure at the same time.

The route from KGV Dock to A74(M) northbound at Abington is considered negotiable with tree and vegetation clearance and pruning; street furniture removals, areas of temporary load bearing surface, use of existing AIL crossings and special manoeuvres. Third-party land uptake is required at the Kings Inch Drive / M8 Jct 25A junction. Land searches are required to confirm the extent of the adopted highway at this location.

The existing carriageway from Abington Interchange is the site access junction is not negotiable for the loads, therefore, an access track from the A74(M) northbound to the site access junction on the B797 has been designed and is to be constructed suitable for the proposed loads. A Swept Path Assessment (SPA) of both junctions has been undertaken, and the loads are to oversail the proposed kerbs in multiple areas where any street furniture is to be demountable and no other obstructions are to be located.

No consideration has been given to the on site design requirements as part of this report, however, this is being undertaken as part of the wider Environmental Impact Assessment (EIA) process.

The report is presented to Ramboll for consideration. Various road modifications and interventions are required to successfully access the site. If these are assessed, approved and undertaken, access to the site is considered feasible.

11.2 Further Actions

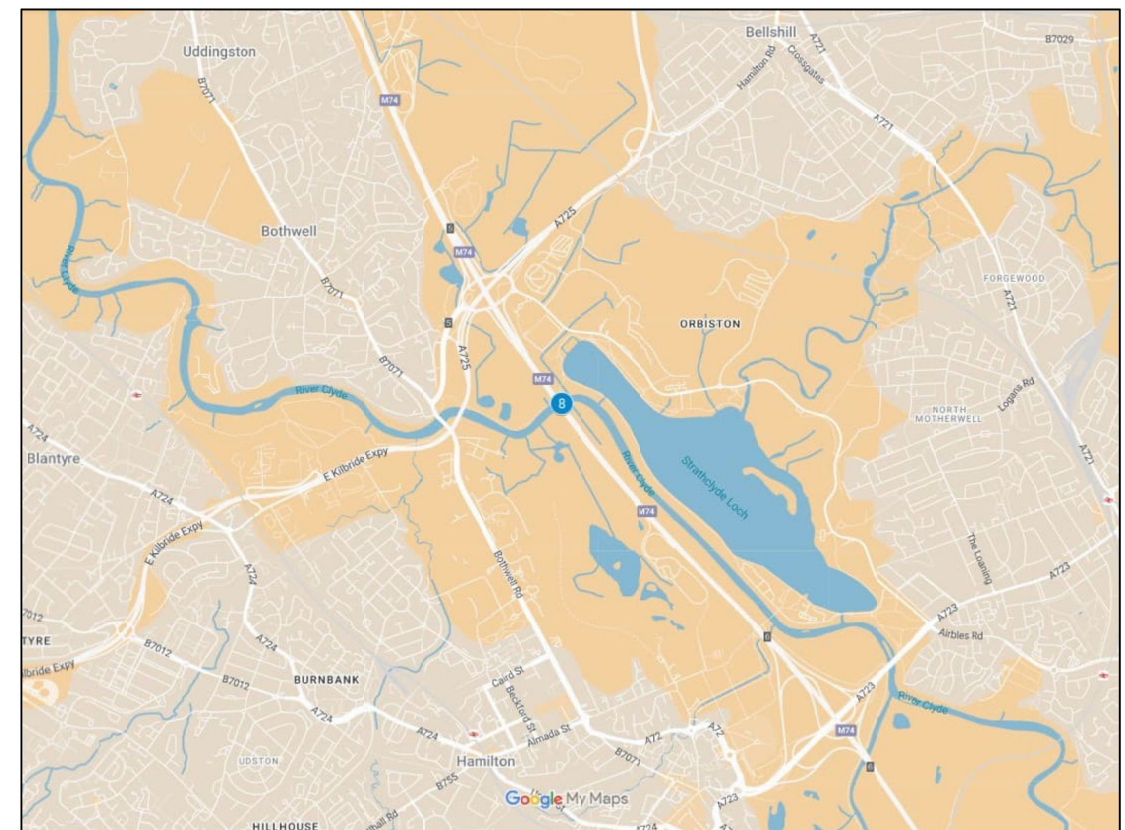
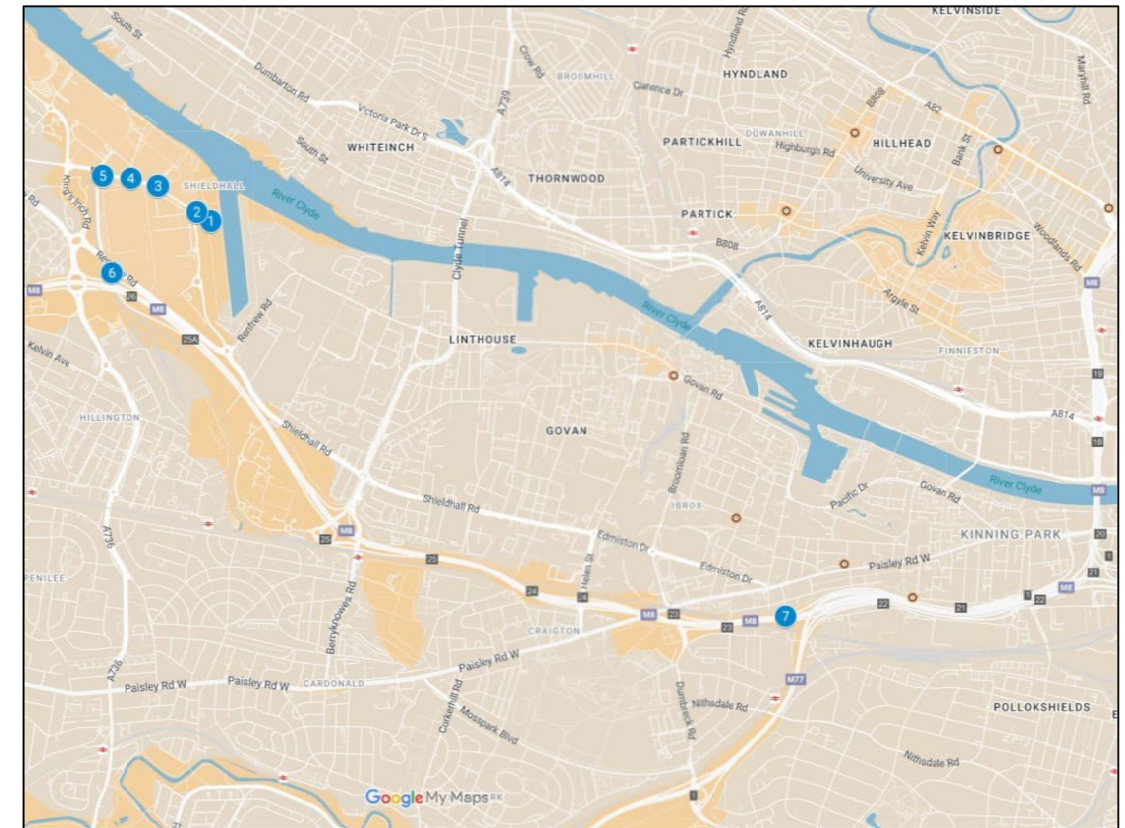
- The following actions are recommended to pursue the transport and access issues further:
- Undertake topographical survey and land searches at the identified locations and repeat the swept path assessments to confirm mitigation measures;
- Obtain responses from Amey (South West Scotland) on current structural capability of the route to accommodate proposed AILs;
- Conduct a test run to confirm negotiability and identified mitigation measures;

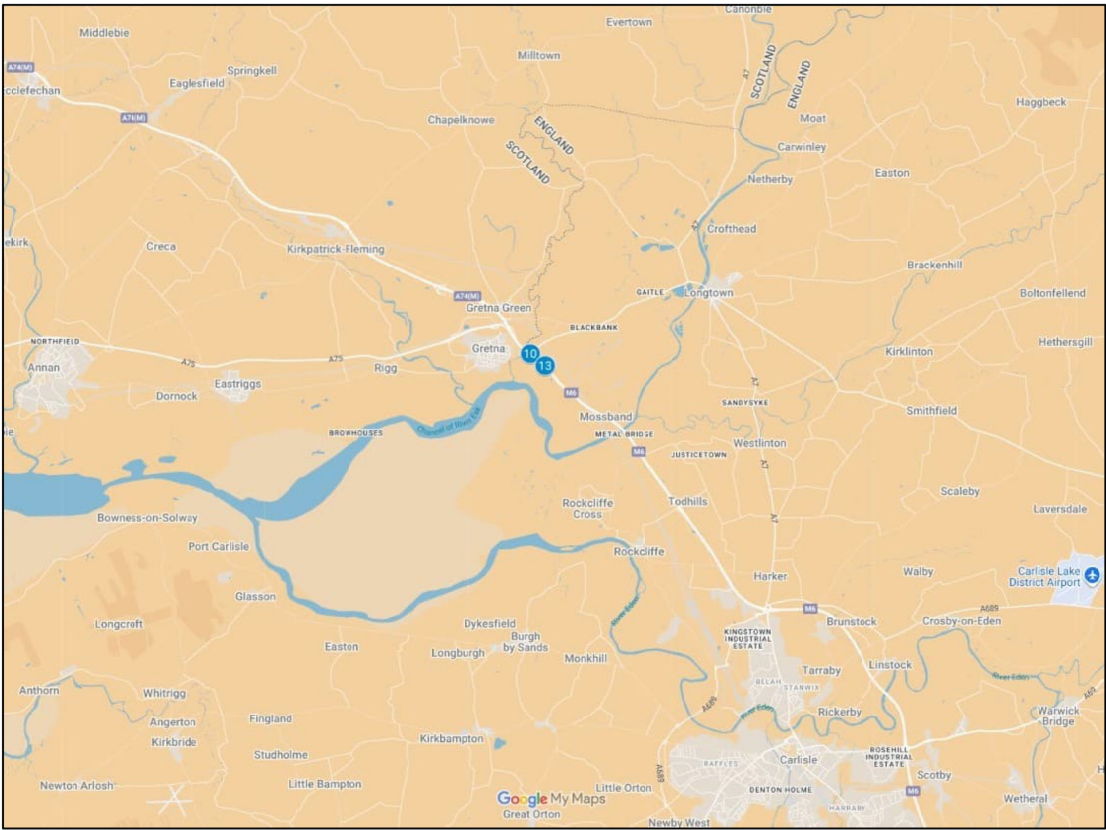
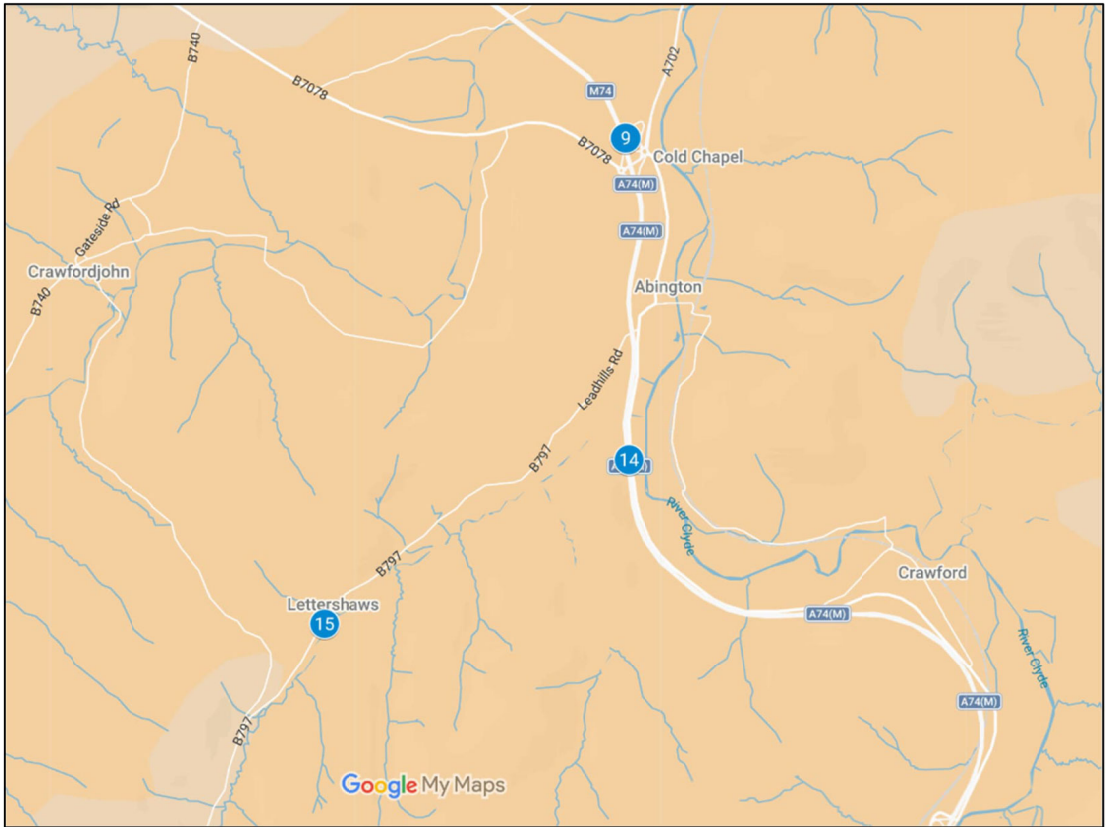
- Undertake discussion with the affected utility providers and roads agencies;
- Prepare detailed mitigation design proposals to help inform the land option / consultee discussions;
- Obtain the necessary land options;
- Obtain the necessary statutory licences to enable the mitigation measures; and
- Develop a detailed operational Transport Management Plan to assist in transporting the proposed loads.

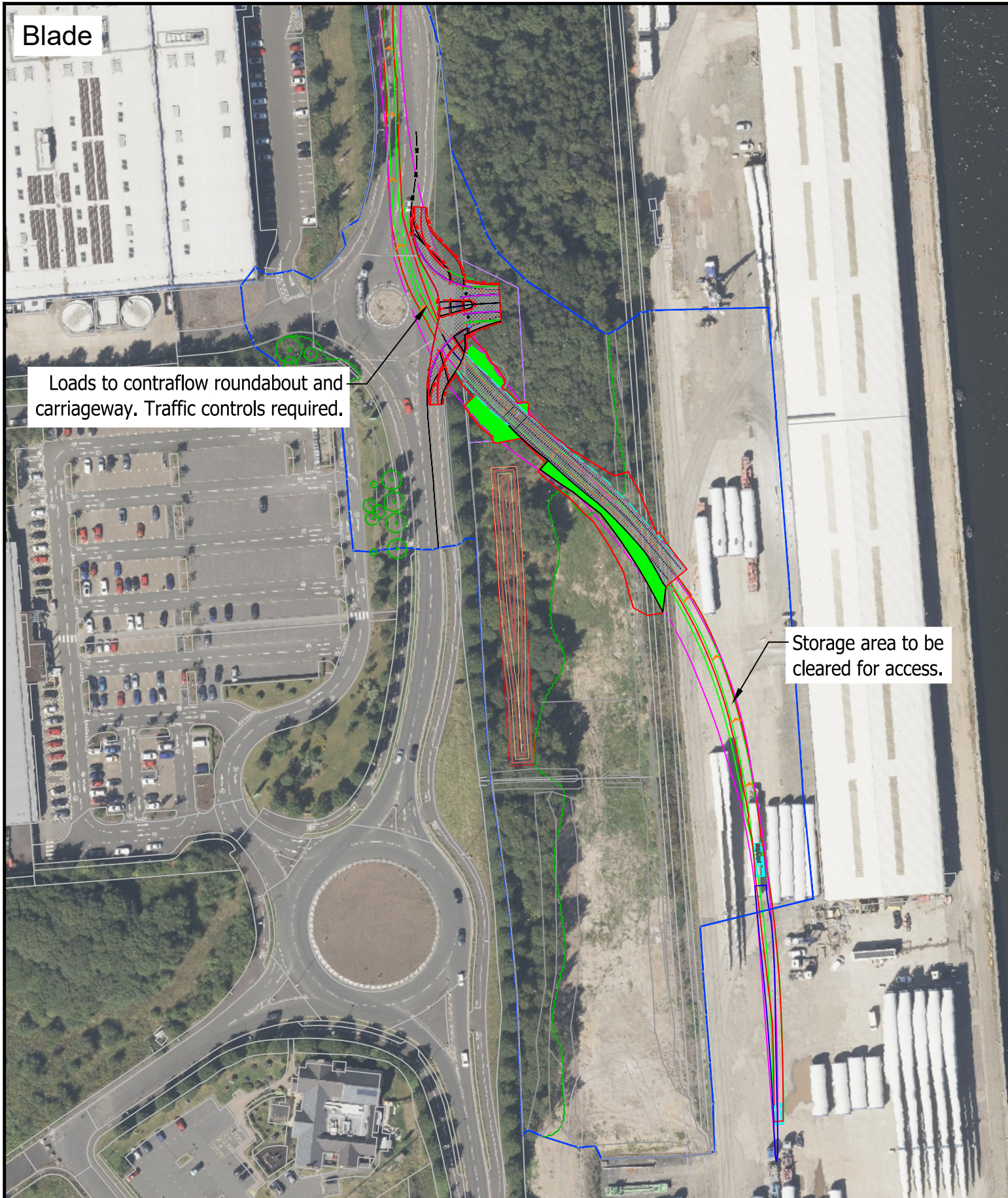
Appendix A Points Of Interest

An electronic version of the POI plans can be found here:

https://www.google.com/maps/d/edit?mid=16dH8brZDqzHk73lMDjaXrJe4F-w_B_o&usp=sharing







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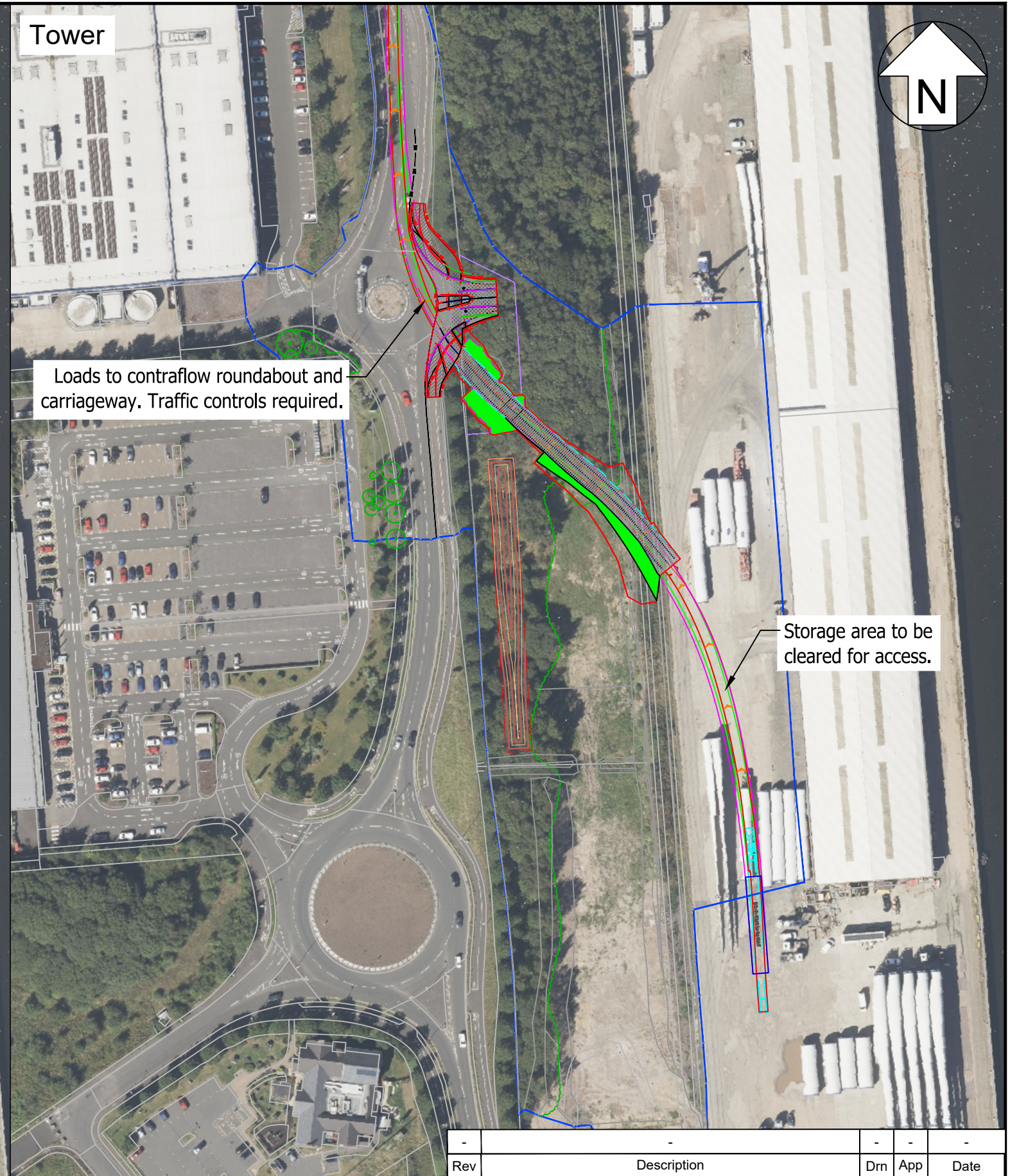
Project
Ravengill Renewable Energy Park

POI
1

Notes
1. All mitigation is subject to confirmation through a test run.
2. This is not a construction drawing and is intended for illustration purposes only.
3. Do not scale from this drawing.

Drawing Title
Siemens SG170 Blades & Towers

SPA Location
KGV exit / Kings Inch Drive IKEA Glasgow roundabout



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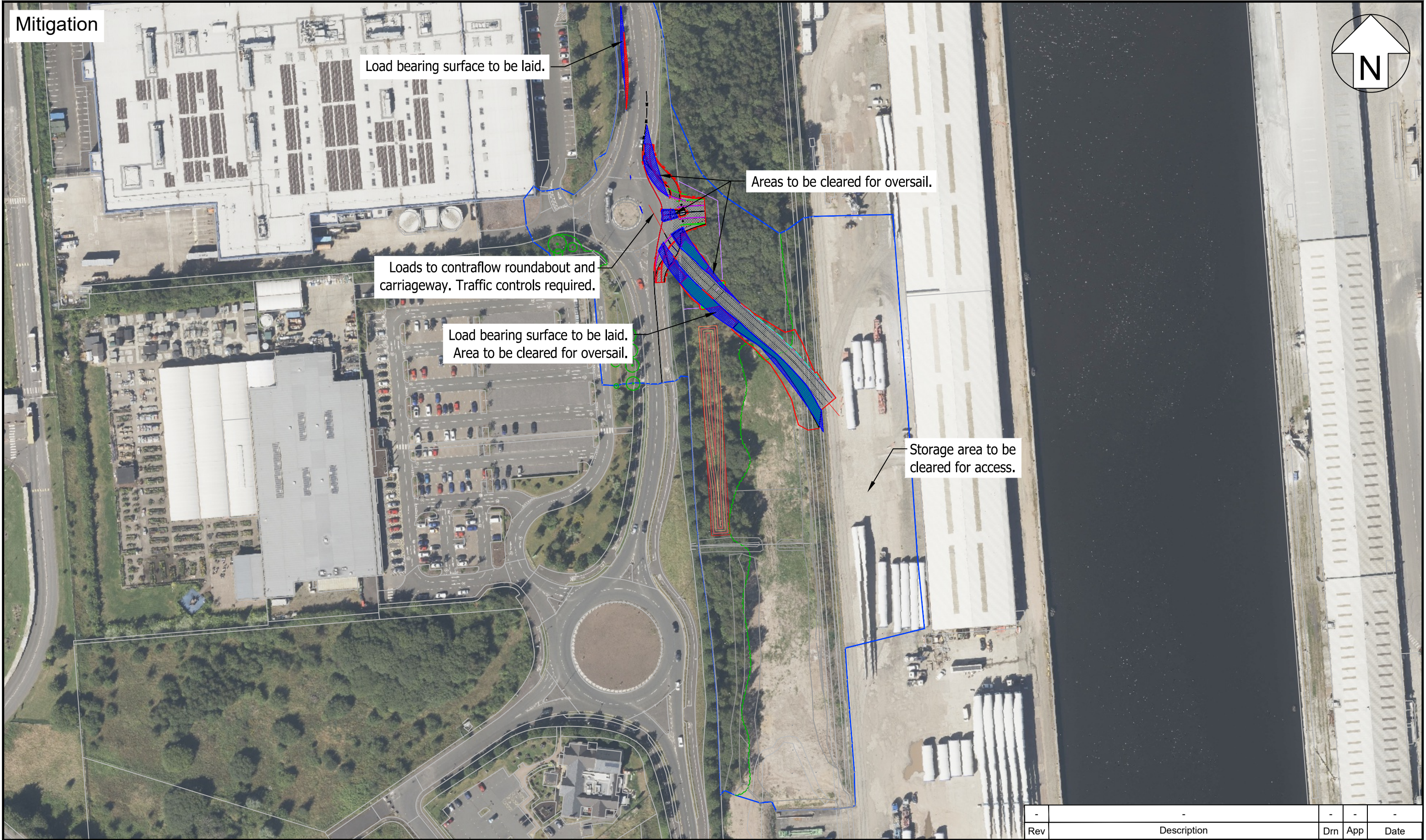
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Rev	Description			Drn	App	Date
1	Blade					22/04/2026
2	Tower					

Drawn	SJW	Approved	SMcG	Date	22/04/2026	
Status	Draft		Key			
Revision	00		Wheel SPA			
Scale	1:1500 @ A3		Body SPA			
Drawing No.			Load SPA			
			Indicative			
10109873 - PF - SPA - 01			Overrun			
			Oversail			
			DoT			

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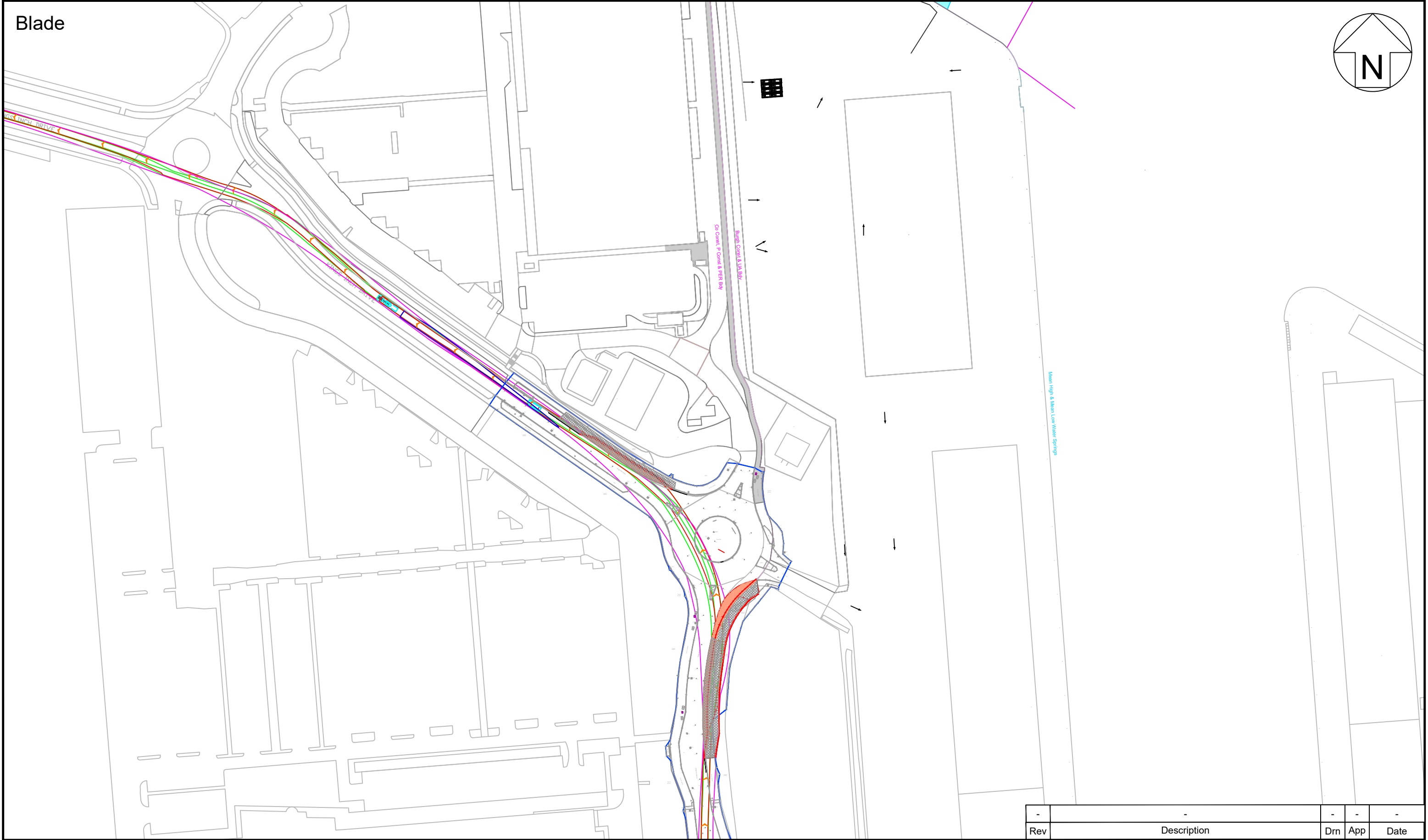
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Project Ravengill Renewable Energy Park		Drawing Title Siemens SG170 Blades & Towers
POI 1	SPA Location KGV exit / Kings Inch Drive IKEA Glasgow roundabout	
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Rev	Description		Drn	App	Date
Drawn	SJW	Approved	SMcG	Date 22/04/2026	
Status	Draft	Key Wheel SPA Body SPA Load SPA Indicative Overrun Oversail DoT			
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Scale	1:1500 @ A3				
Drawing No.		10109873 - PF - SPA - 01A			



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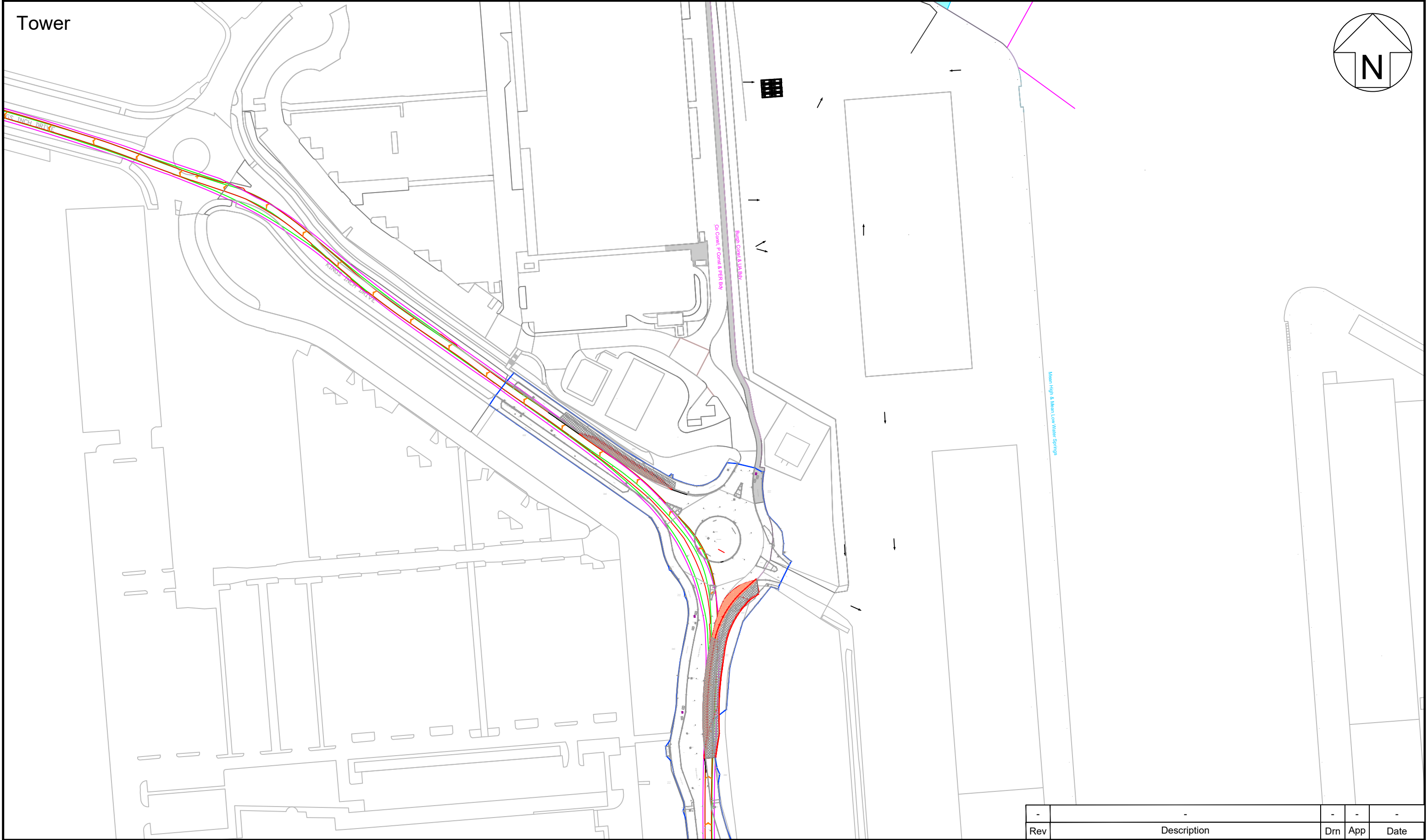
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Project		Drawing Title	
Ravengill Renewable Energy Park		Siemens SG170 Blades & Towers	
POI	SPA Location		
2, 3	Kings Inch Drive Sainsbury's and McDonald's roundabouts		
Notes			
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Rev	Description				Drn	App	Date
Drawn SJW		Approved SMcG		Date 22/04/2026			
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Drawing No.							
10109873 - PF - SPA - 02							



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Project

Ravengill Renewable Energy Park

Drawing Title

Siemens SG170 Blades & Towers

POI

2, 3

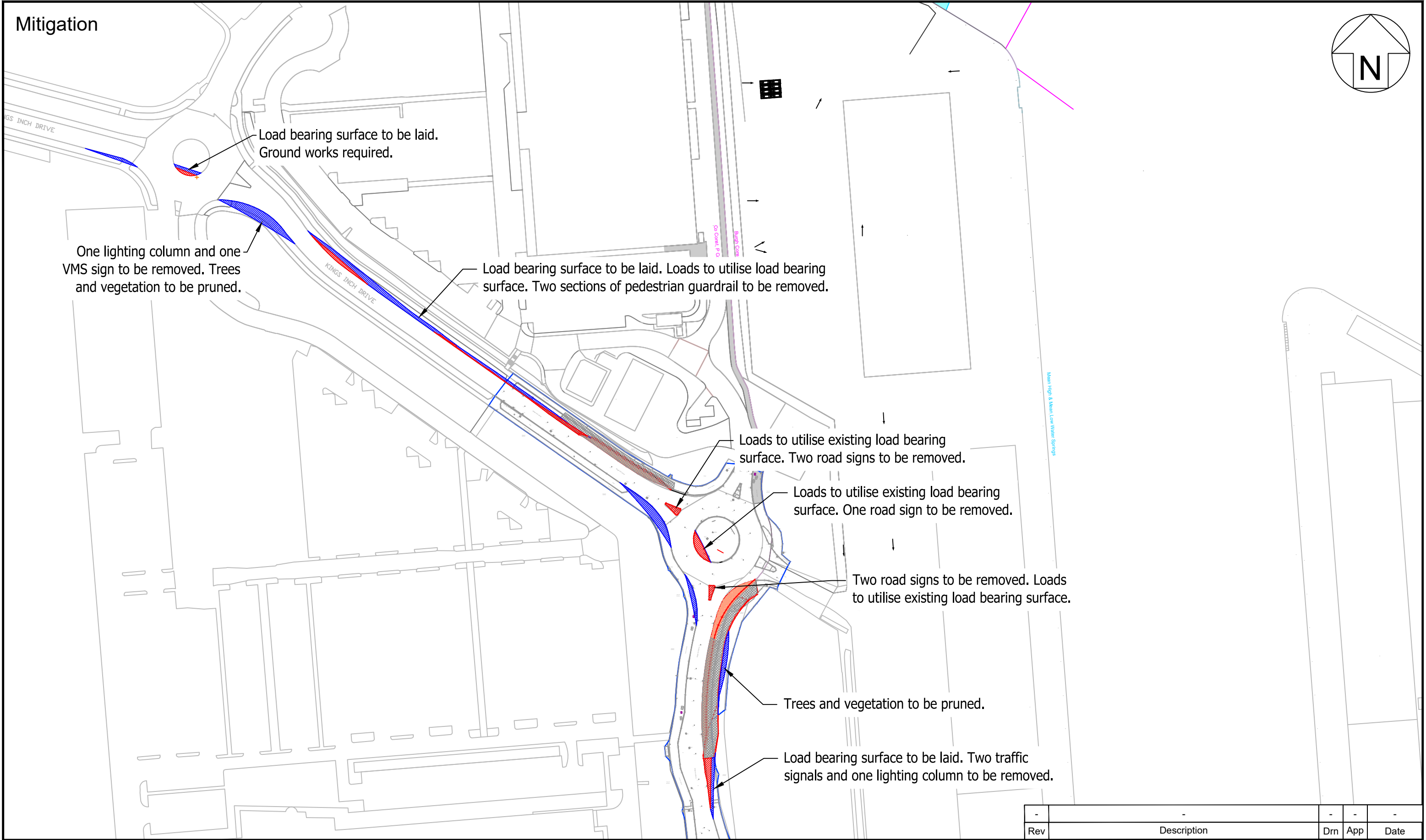
SPA Location

Kings Inch Drive Sainsbury's and McDonald's roundabouts

Notes

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Drawn	SJW		Approved	SMcG		Date			22/04/2026
Status	Draft		Key	Wheel SPA		Overrun			
Revision	00			Body SPA		Oversail			
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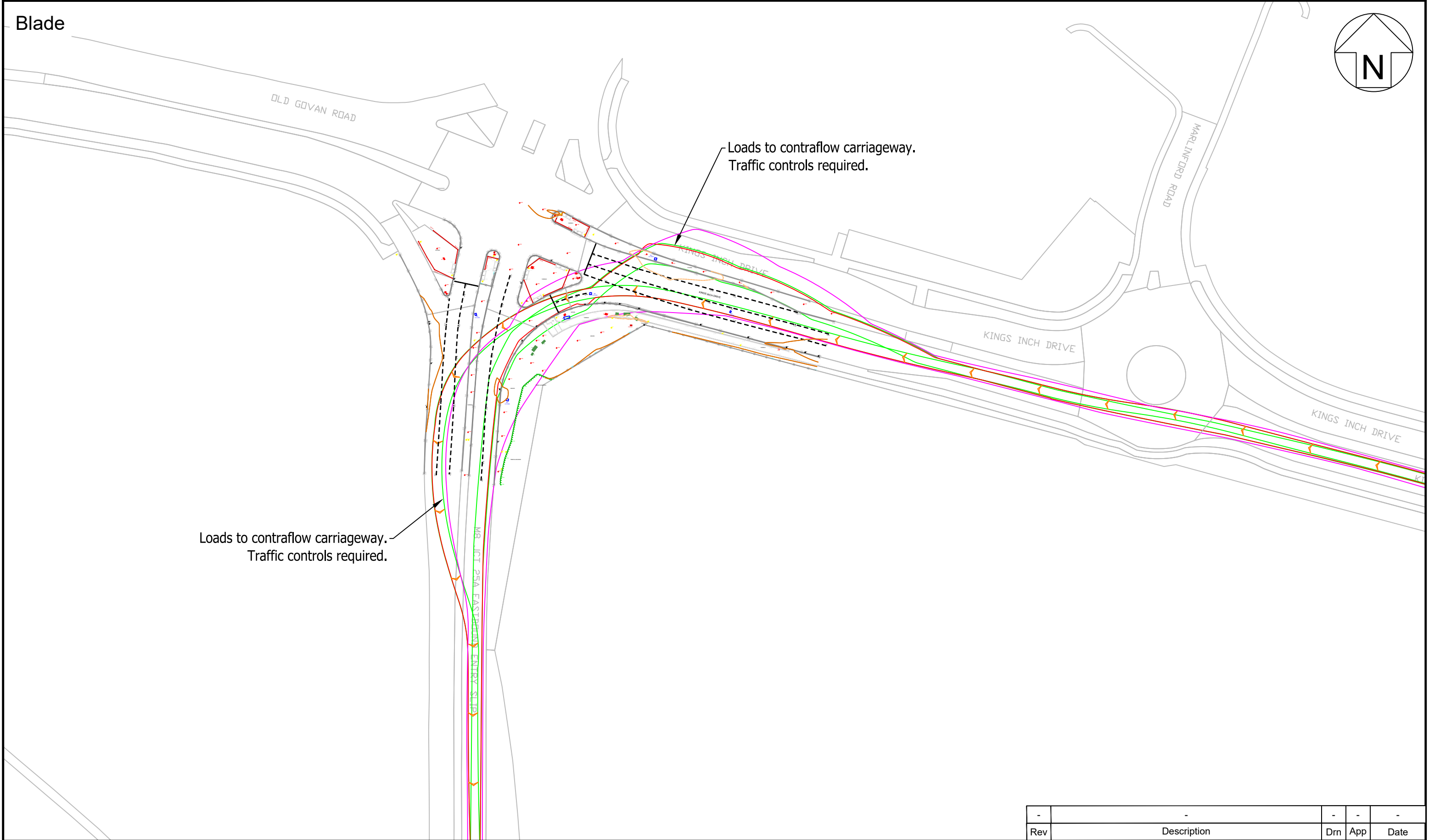
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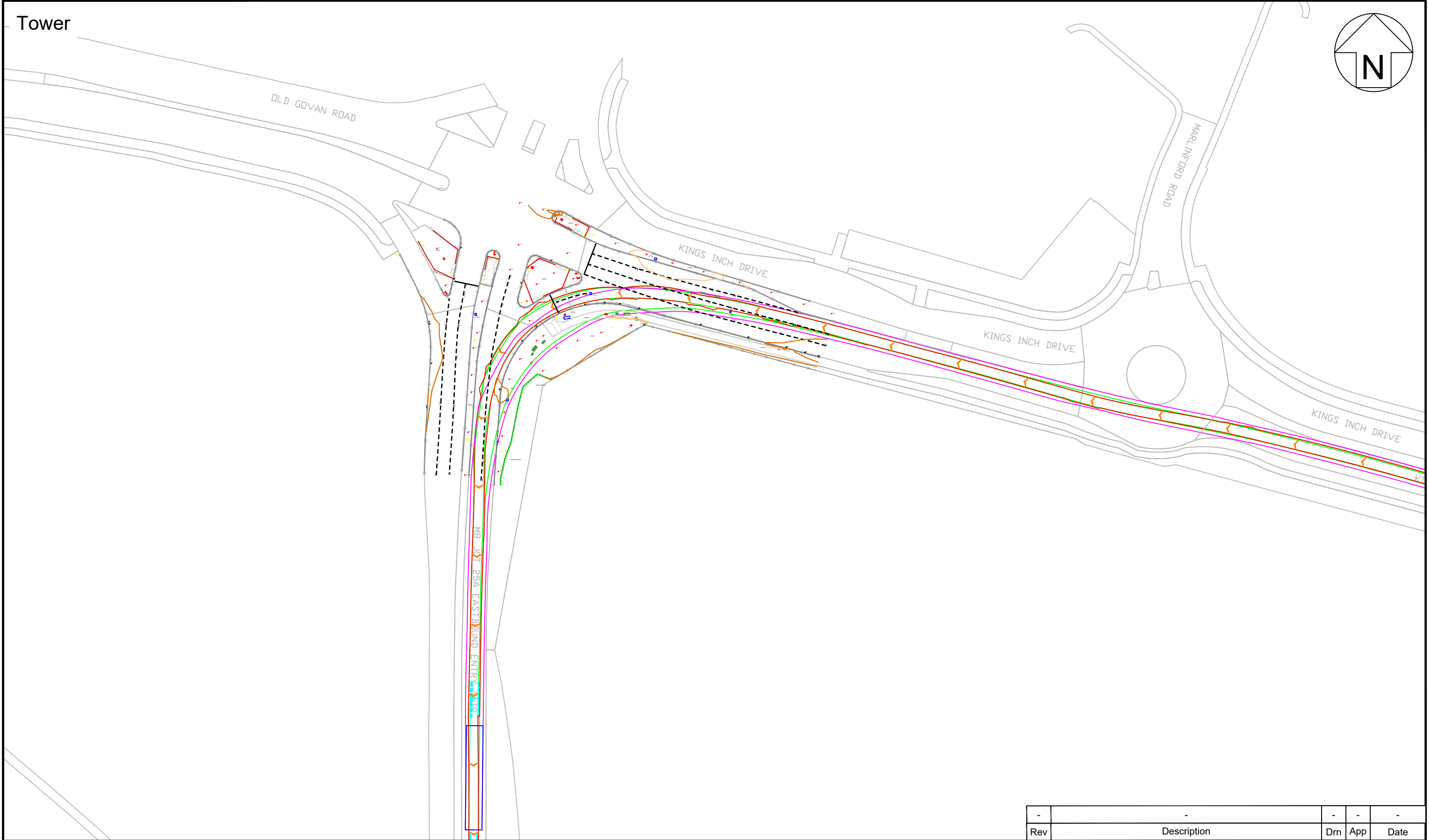
Drawing Title
Siemens SG170 Blades & Towers

POI
4, 5

SPA Location
Kings Inch Dr / Marlinford Rd rbt & M8 Jct 25A junction

Notes
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Drawing Title

Siemens SG170 Blades & Towers

POI

4, 5

SPA Location

Kings Inch Dr / Marlinford Rd rbt & M8 Jct 25A junction

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Drawn	SJW	Approved	SMcG	Date	22/04/2026		
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