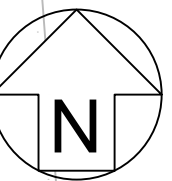


Appendix B Swept Path Assessments

Blade

Tower



Loads to contraflow roundabout and carriageway. Traffic controls required.

Loads to contraflow roundabout and carriageway. Traffic controls required.

Storage area to be cleared for access.

Storage area to be cleared for access.

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Client

Ramboll

Project
Watchman

POI
1

SPA Location
KGV exit / Kings Inch Drive IKEA Glasgow roundabout

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

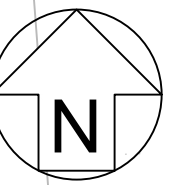
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Drawn **SJW** Approved **SMcG** Date **10/11/2025**

Status	Draft	Key	
Revision	00	— Wheel SPA	▨ Overrun
Scale	1:1500 @ A3	— Body SPA	▨ Oversail
		— Load SPA	◁ DoT
		— Indicative	

Drawing No. **10110070 - PF - SPA - 01**

Mitigation



Load bearing surface to be laid.

Areas to be cleared for oversail.

Loads to contraflow roundabout and carriageway. Traffic controls required.

Load bearing surface to be laid.
Area to be cleared for oversail.

Storage area to be cleared for access.

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Client

Ramboll

Project

Watchman

Drawing Title

Siemens SG170 Blades & Towers

POI

1

SPA Location

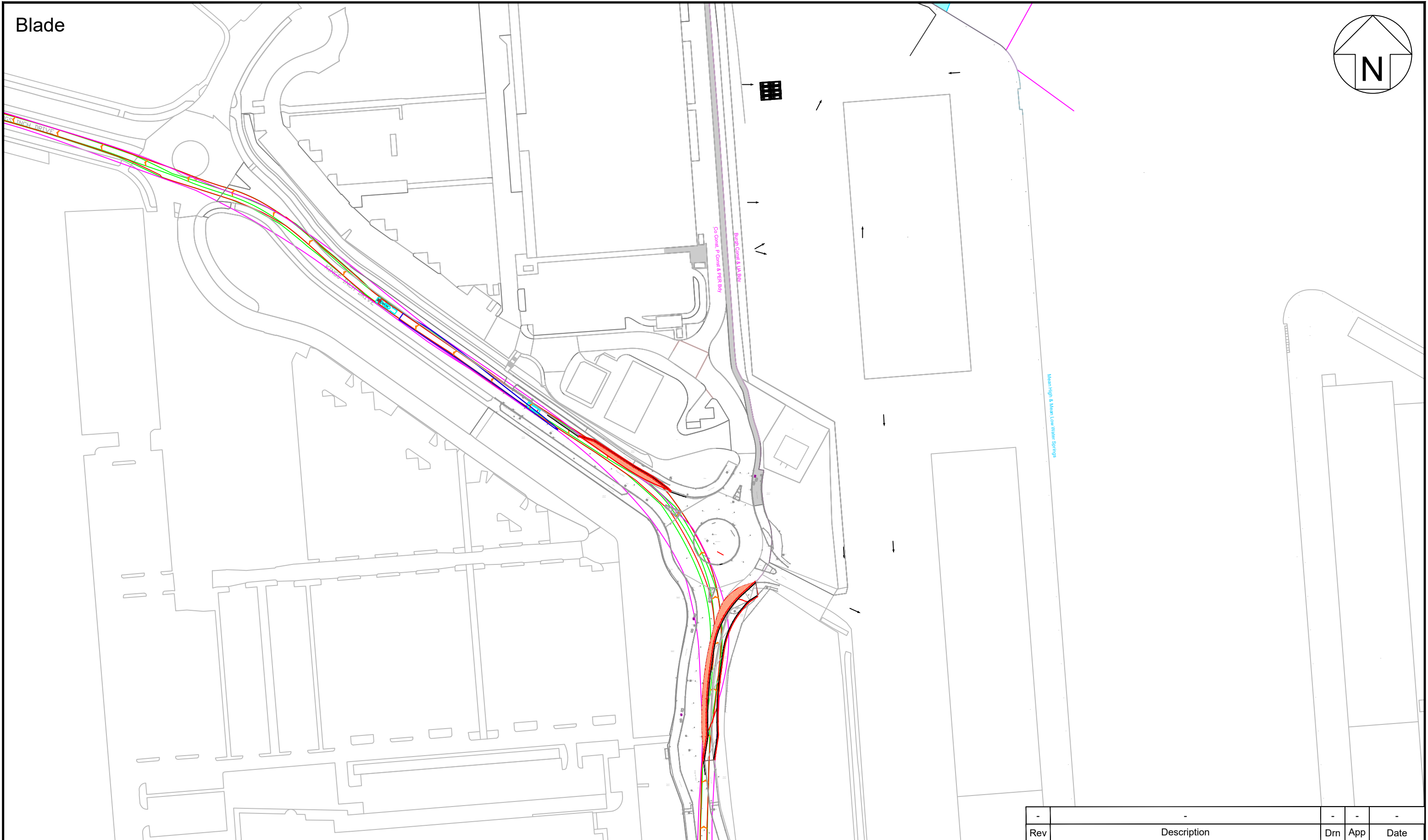
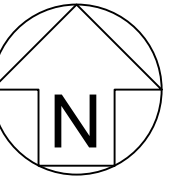
KGV exit / Kings Inch Drive IKEA Glasgow roundabout

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.

Rev	Description	Drn	App	Date
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Drawn	SJW	Approved	SMcG	Date 10/11/2025
Status	Draft	Key		
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Scale	1:1500 @ A3	— Body SPA	▨ Oversail	
		— Load SPA	◁ DoT	
		— Indicative		
Drawing No.	10110070 - PF - SPA - 01A			

Blade



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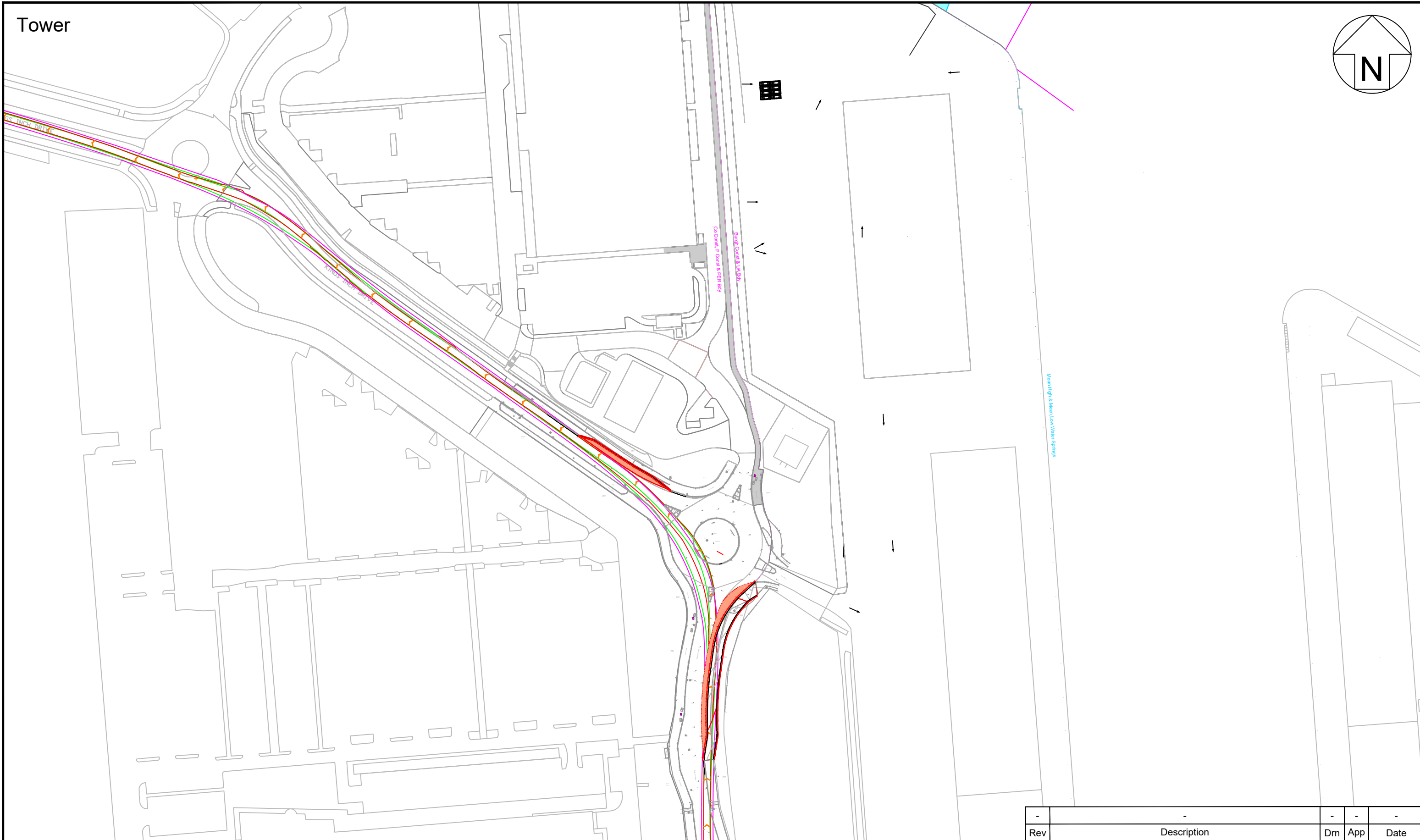
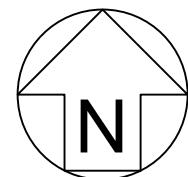
Client **Ramboll**

Project	Watchman		Drawing Title	Siemens SG170 Blades & Towers	
POI	2, 3	SPA Location	Kings Inch Drive Sainsbury's and McDonald's roundabouts		

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.

Rev	-			Drn	App	Date	-
Drawn	SJW	Approved	SMcG	Date	10/11/2025		
Status	Draft		Key				
Revision	00		Wheel SPA	Overrun			
Scale	1:1500 @ A3		Body SPA	Oversail			
Drawing No.	10110070 - PF - SPA - 02						

Tower



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Client

Ramboll

Project

Watchman

Drawing Title

Siemens SG170 Blades & Towers

POI

2, 3

SPA Location

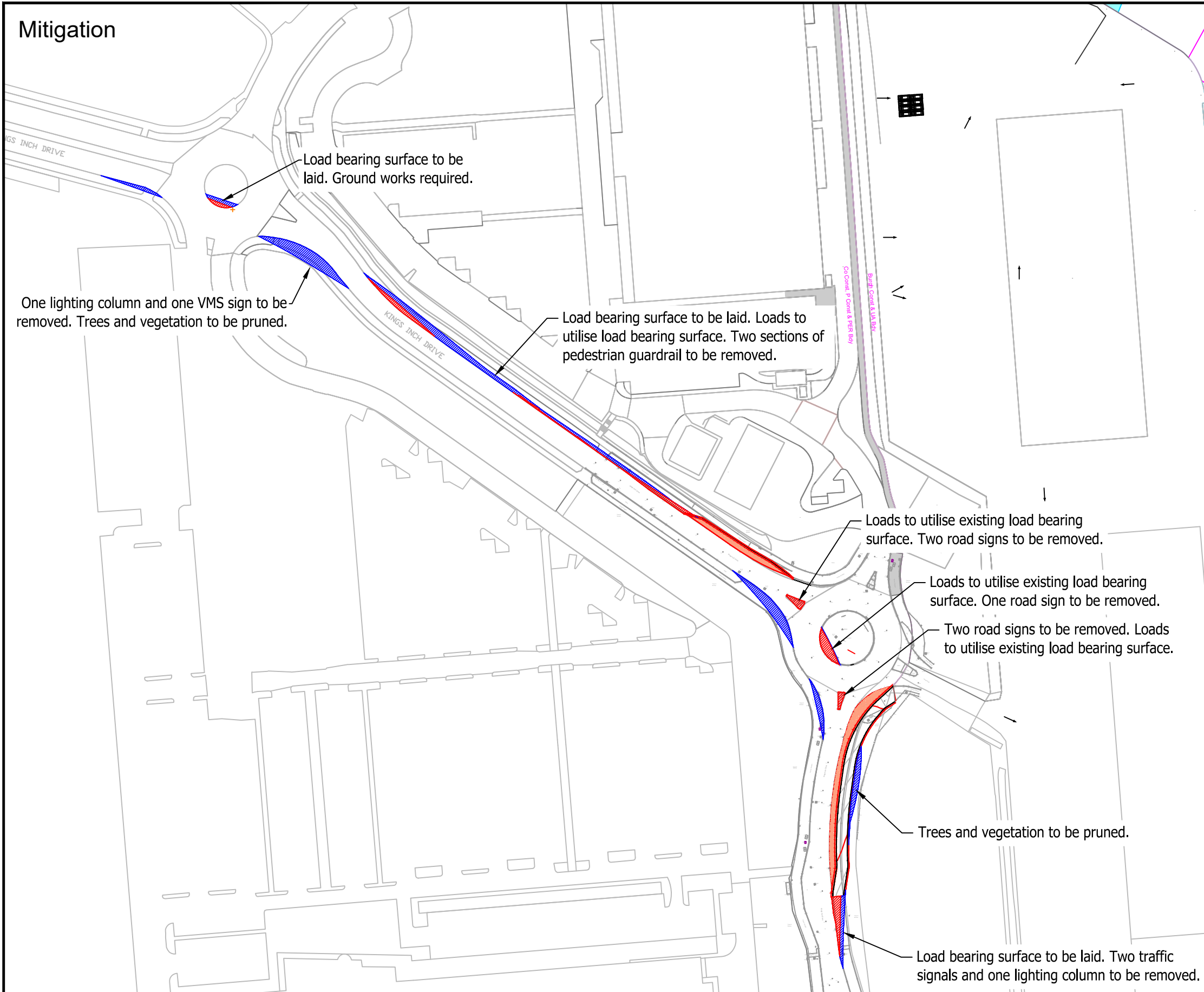
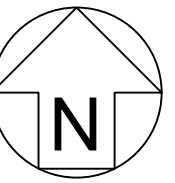
Kings Inch Drive Sainsbury's and McDonald's roundabouts

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.

Rev	Description	Drn	App	Date
-	-	-	-	-
Drawn	SJW	Approved	SMcG	Date
				10/11/2025
Status	Draft	Key		
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Scale	1:1500 @ A3	— Body SPA	▨ Oversail	
		— Load SPA	◁ DoT	
		— Indicative		
Drawing No.	10110070 - PF - SPA - 02A			

Mitigation



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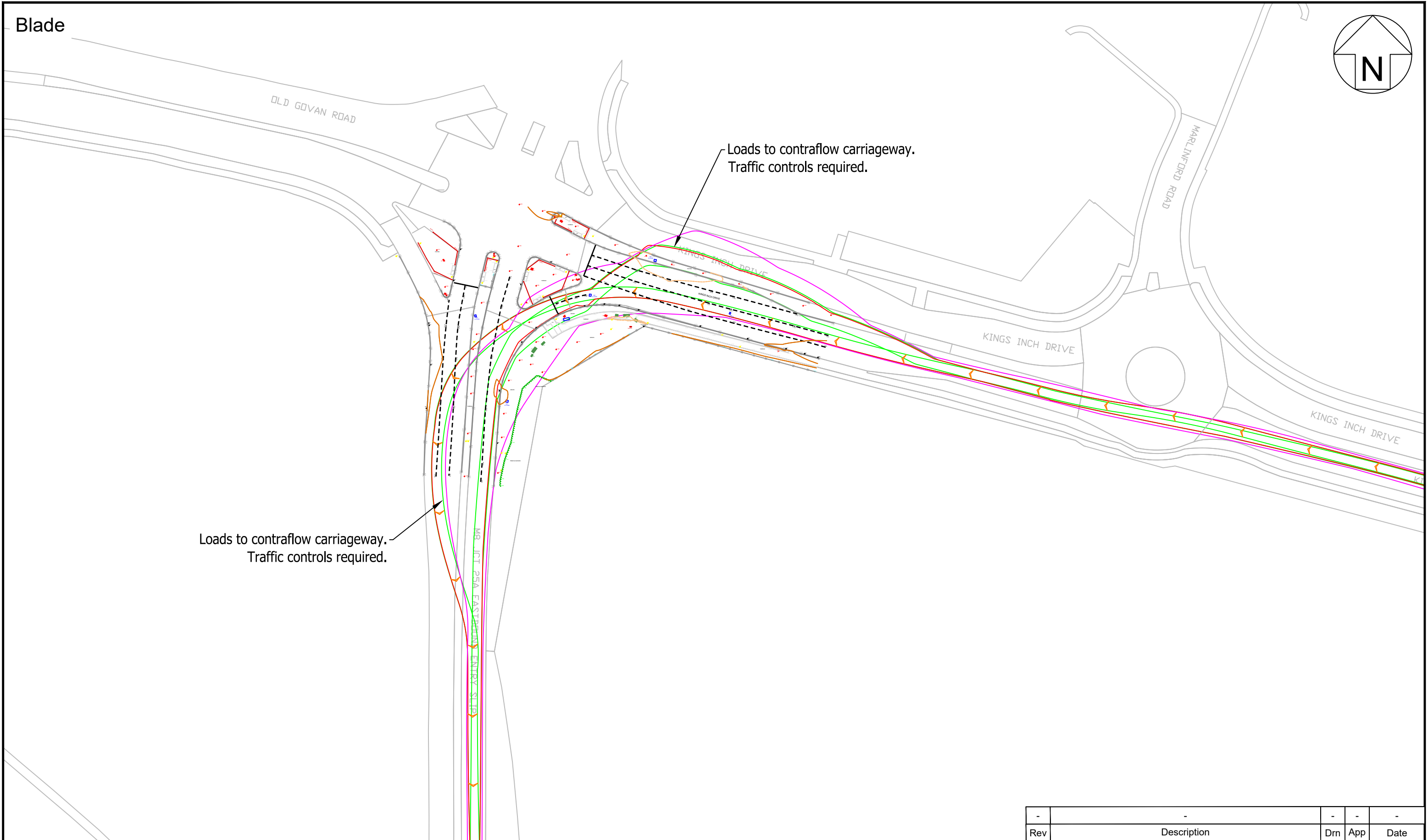
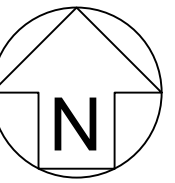
Client **Ramboll**

Project	Watchman		Drawing Title	Siemens SG170 Blades & Towers	
POI	2, 3	SPA Location	Kings Inch Drive Sainsbury's and McDonald's roundabouts		

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.

Rev	-			Drn	App	Date	-
Drawn	SJW	Approved	SMcG	Date	10/11/2025		
Status	Draft		Key				
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Scale	1:1500 @ A3		Body SPA	Oversail			
Drawing No.	10110070 - PF - SPA - 02B						

Blade



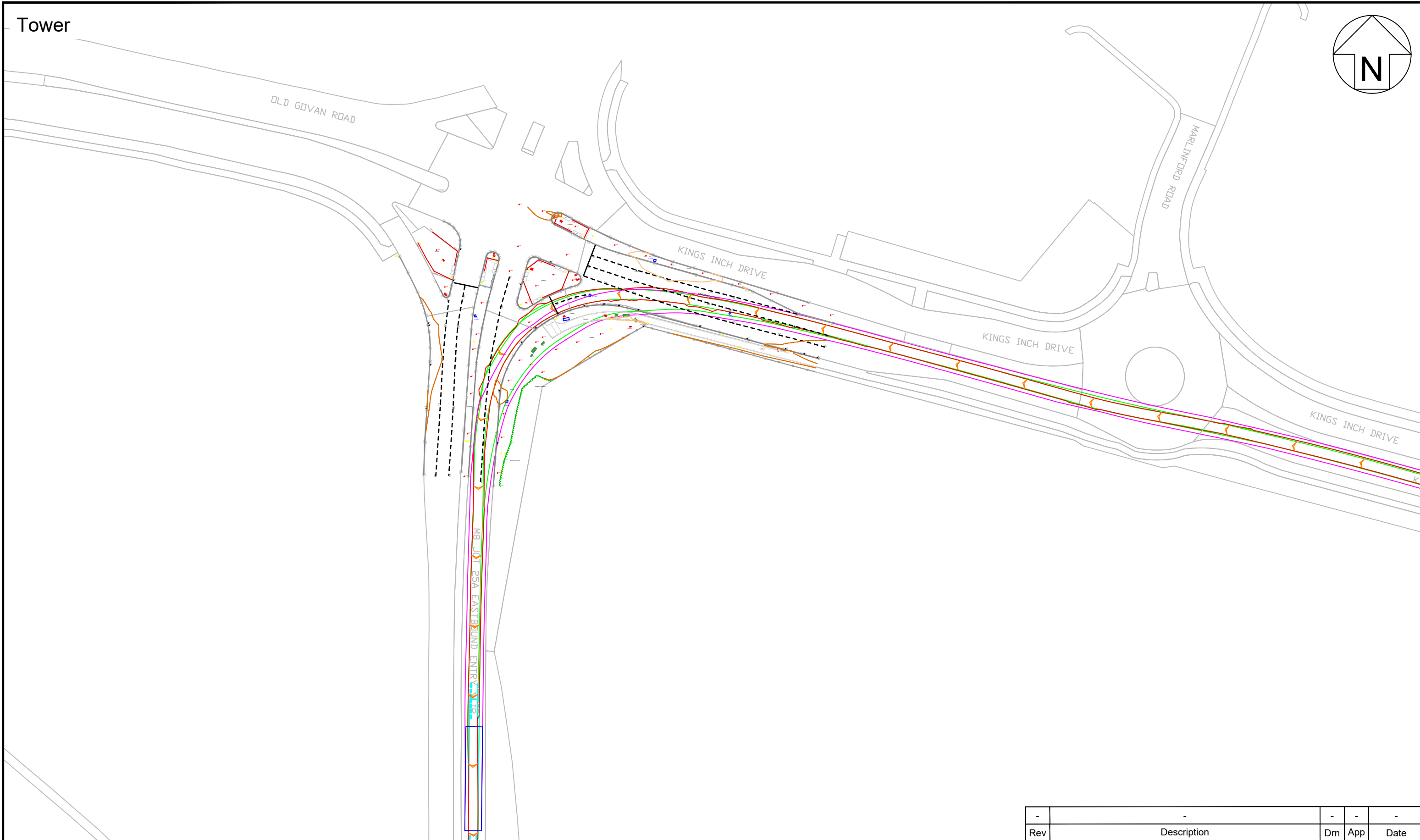
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Client **Ramboll**

Project	Watchman		Drawing Title	Siemens SG170 Blades & Towers	
POI	4, 5	SPA Location	Kings Inch Dr / Marlinford Rd rbt & M8 Jct 25A junction		
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.				

Rev	-			Drn	App	Date
Drawn	SJW	Approved	SMcG	Date	10/11/2025	
Status	Draft		Key			
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Scale	1:1000 @ A3		Body SPA	Oversail		
Drawing No.	10110070 - PF - SPA - 03					



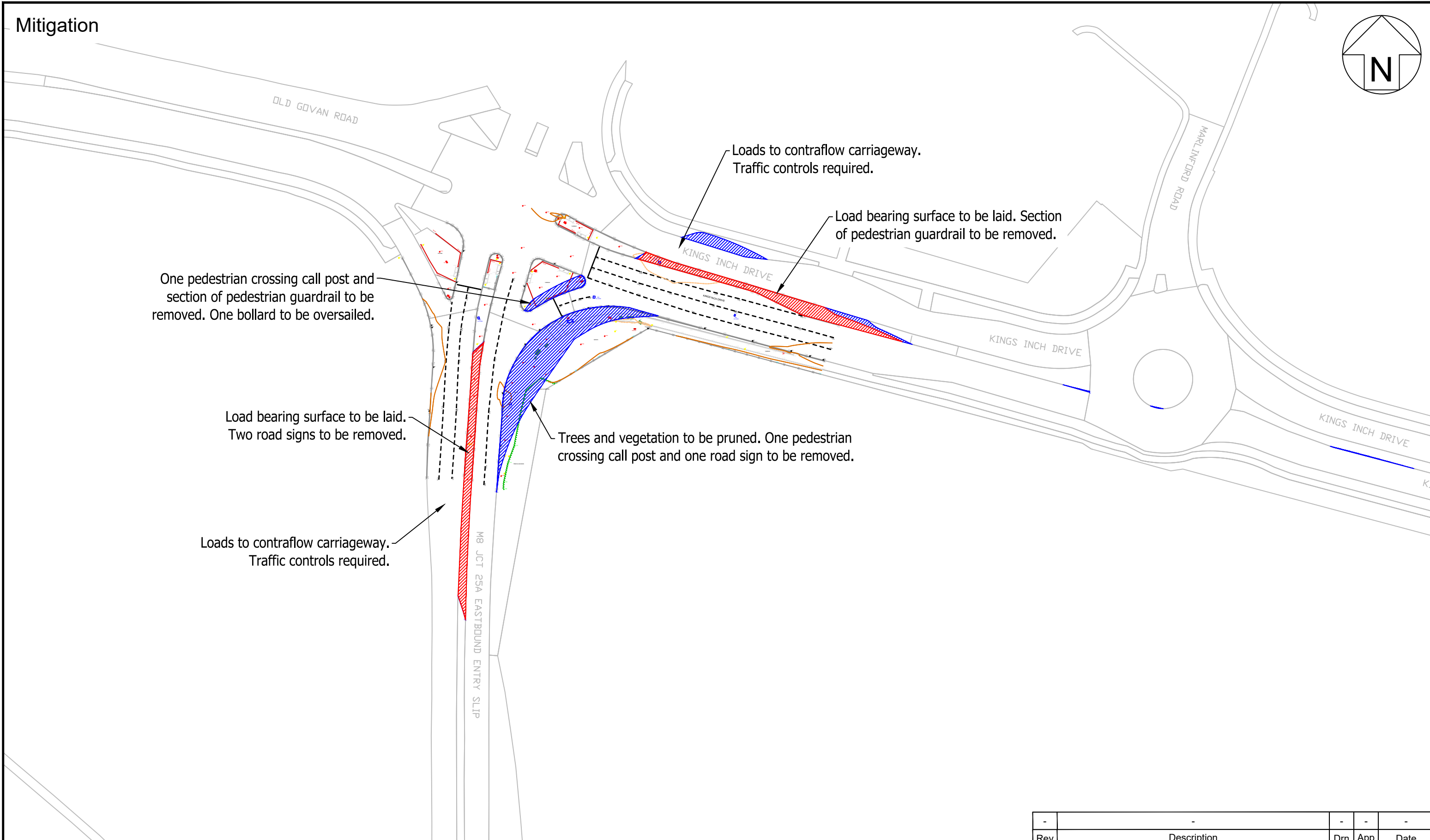
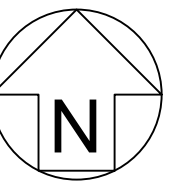
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Client: **Ramboll**

Project	Watchman		Drawing Title	Siemens SG170 Blades & Towers	
POI	4, 5	SPA Location	Kings Inch Dr / Marlinfoord Rd rbt & M8 Jct 25A junction		
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.				

Rev	-			Drn	App	Date
Drawn	SJW	Approved	SMcG	Date	10/11/2025	
Status	Draft		Key			
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Scale	1:1000 @ A3		Body SPA	Oversail		
Drawing No.	10110070 - PF - SPA - 03A					
			Load SPA	DoT		
			Indicative			

Mitigation



One pedestrian crossing call post and section of pedestrian guardrail to be removed. One bollard to be oversailed.

Loads to contraflow carriageway. Traffic controls required.

Load bearing surface to be laid. Section of pedestrian guardrail to be removed.

Load bearing surface to be laid. Two road signs to be removed.

Trees and vegetation to be pruned. One pedestrian crossing call post and one road sign to be removed.

Loads to contraflow carriageway. Traffic controls required.

Rev	Description	Drn	App	Date
-	-	-	-	-

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Client: **Ramboll**

Project: **Watchman**
 Drawing Title: **Siemens SG170 Blades & Towers**

POI: **4, 5**
 SPA Location: **Kings Inch Dr / Marliford Rd rbt & M8 Jct 25A junction**

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.

Drawn: **SJW** | Approved: **SMcG** | Date: **10/11/2025**

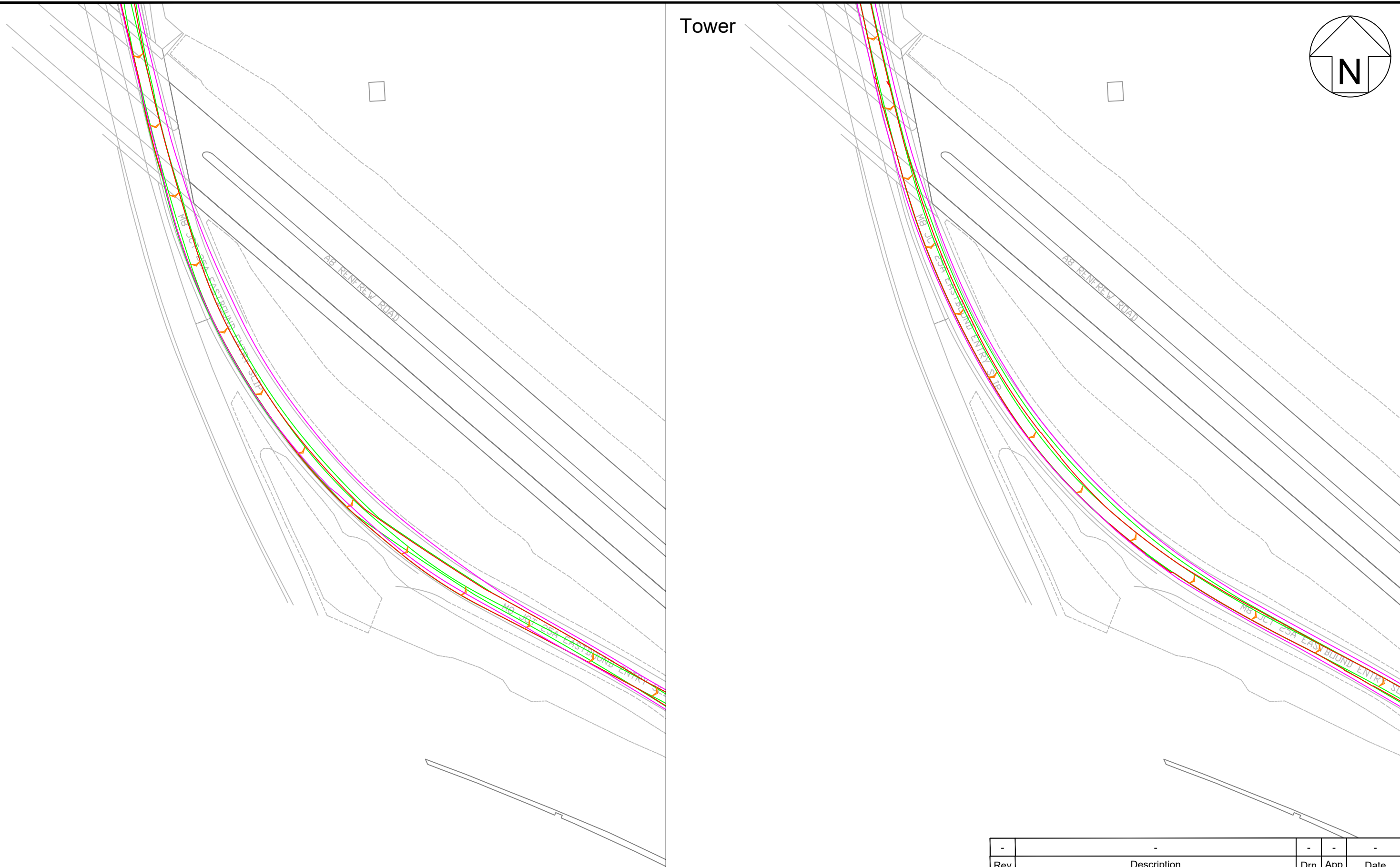
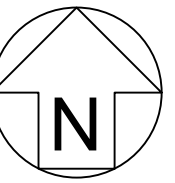
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Drawing No.: **10110070 - PF - SPA - 03B**

Key	
— Wheel SPA	Overrun
— Body SPA	Oversail
— Load SPA	DoT
— Indicative	

Blade

Tower



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Client

Ramboll

Project

Watchman

POI

6

SPA Location

M8 Jct 25A eastbound entry slip LH bend

Notes

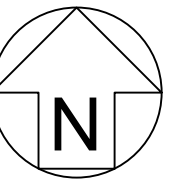
1. All mitigation is subject to confirmation through a test run.
2. This is not a construction drawing and is intended for illustration purposes only.
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Drawing Title

Siemens SG170 Blades & Towers

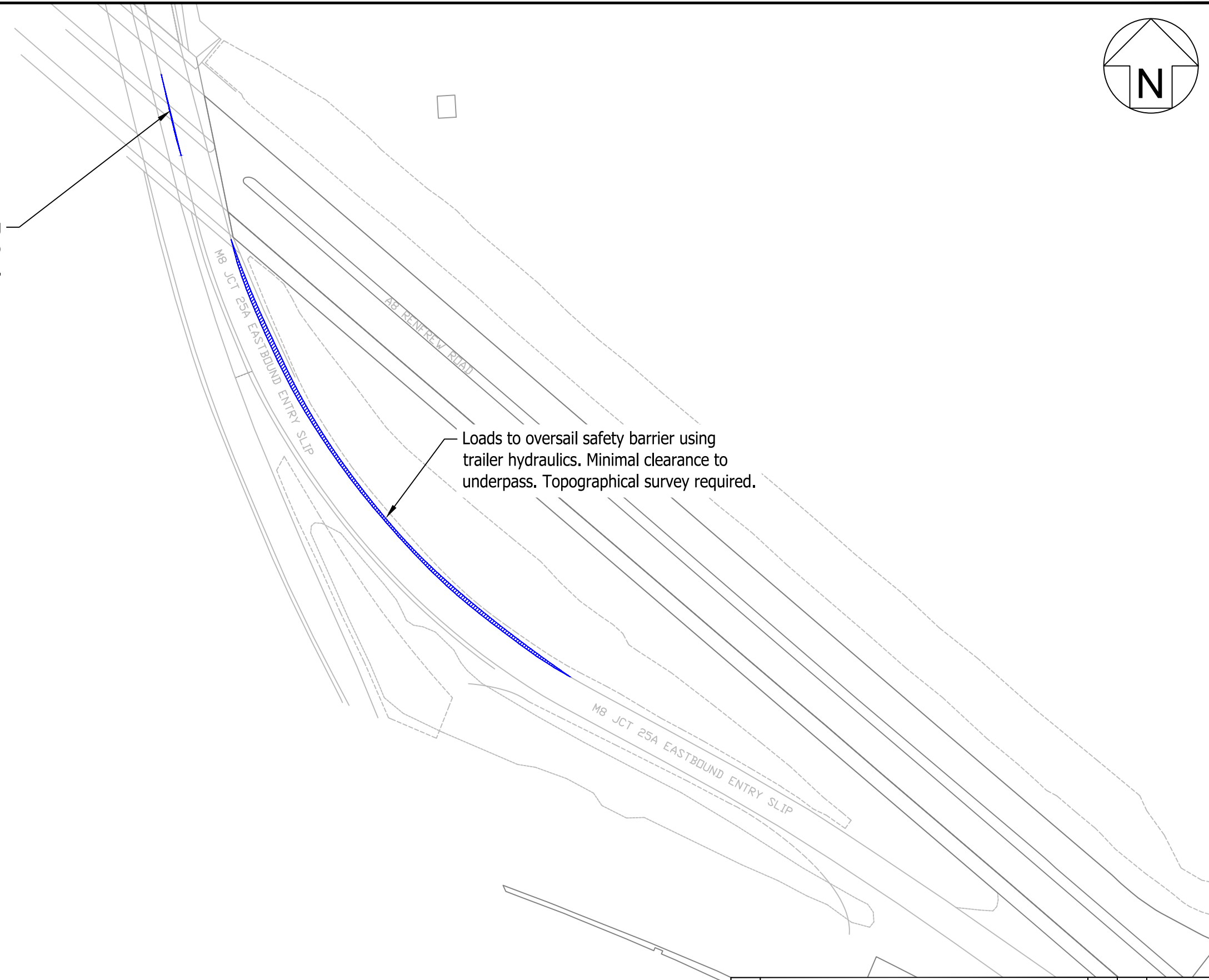
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Status	Draft	Key		
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Scale	1:1000 @ A3	— Body SPA	▨ Oversail	
Drawing No.	10110070 - PF - SPA - 04			
		— Load SPA	⚡ DoT	
		— Indicative		

Mitigation



Loads to oversail safety barrier using trailer hydraulics. Minimal clearance to underpass. Topographical survey required.

Loads to oversail safety barrier using trailer hydraulics. Minimal clearance to underpass. Topographical survey required.



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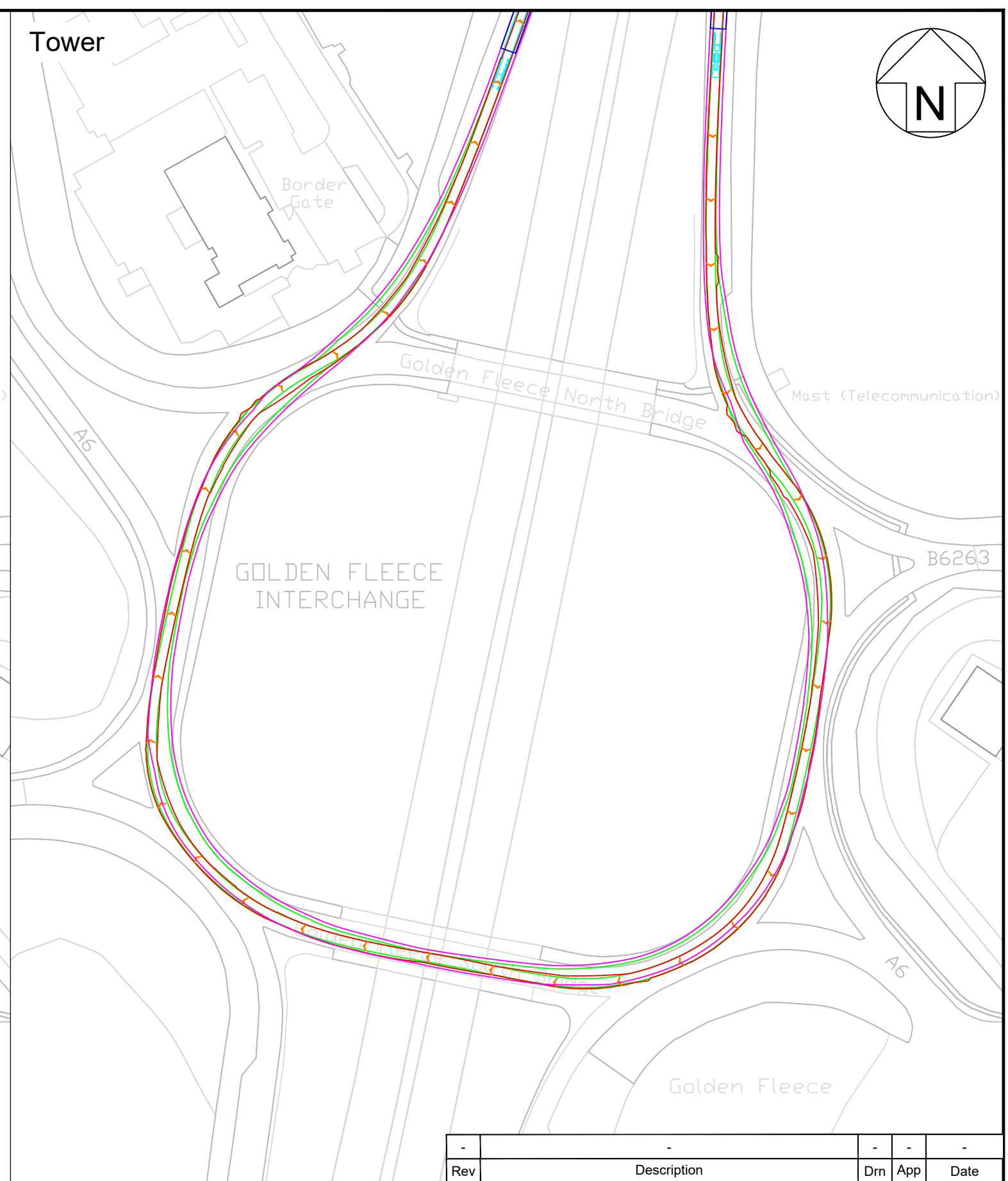
Client **Ramboll**

Project **Watchman** Drawing Title **Siemens SG170 Blades & Towers**

POI **6** SPA Location **M8 Jct 25A eastbound entry slip LH bend**

Notes
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Rev	-	Description	-	Drn	-	App	-	Date	-
Drawn	SJW	Approved	SMcG	Date	10/11/2025				
Status	Draft		Key		Wheel SPA Body SPA Load SPA Indicative Overrun Oversail DoT				
Revision	00								
Scale	1:1000 @ A3								
Drawing No.	10110070 - PF - SPA - 04A								



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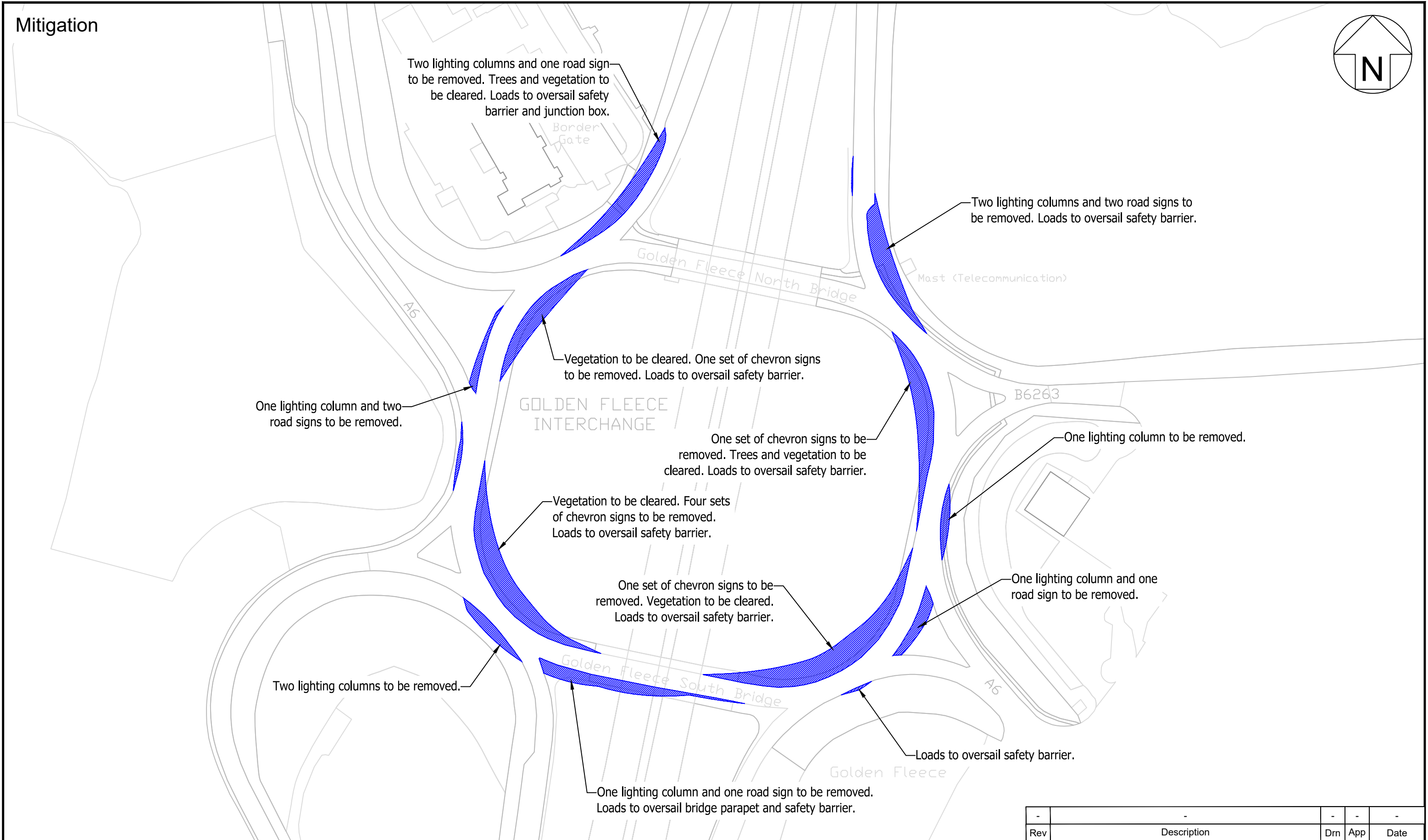
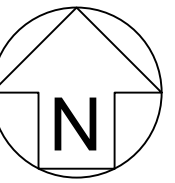
Client: **Ramboll**

Project: Watchman	
POI: 12	SPA Location: M6 Jct 42 Golden Fleece Interchange
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	
---	--

Rev	Description	Drn	App	Date
-	-	-	-	-
Drawn	Approved	Date		
SJW	SMcG	10/11/2025		
Status	Draft	Key		
Revision	00	— Wheel SPA	Overrun	
Scale	1:1500 @ A3	— Body SPA	Oversail	
Drawing No.		— Load SPA	DoT	
10110070 - PF - SPA - 05		— Indicative		

Mitigation



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Client **Ramboll**

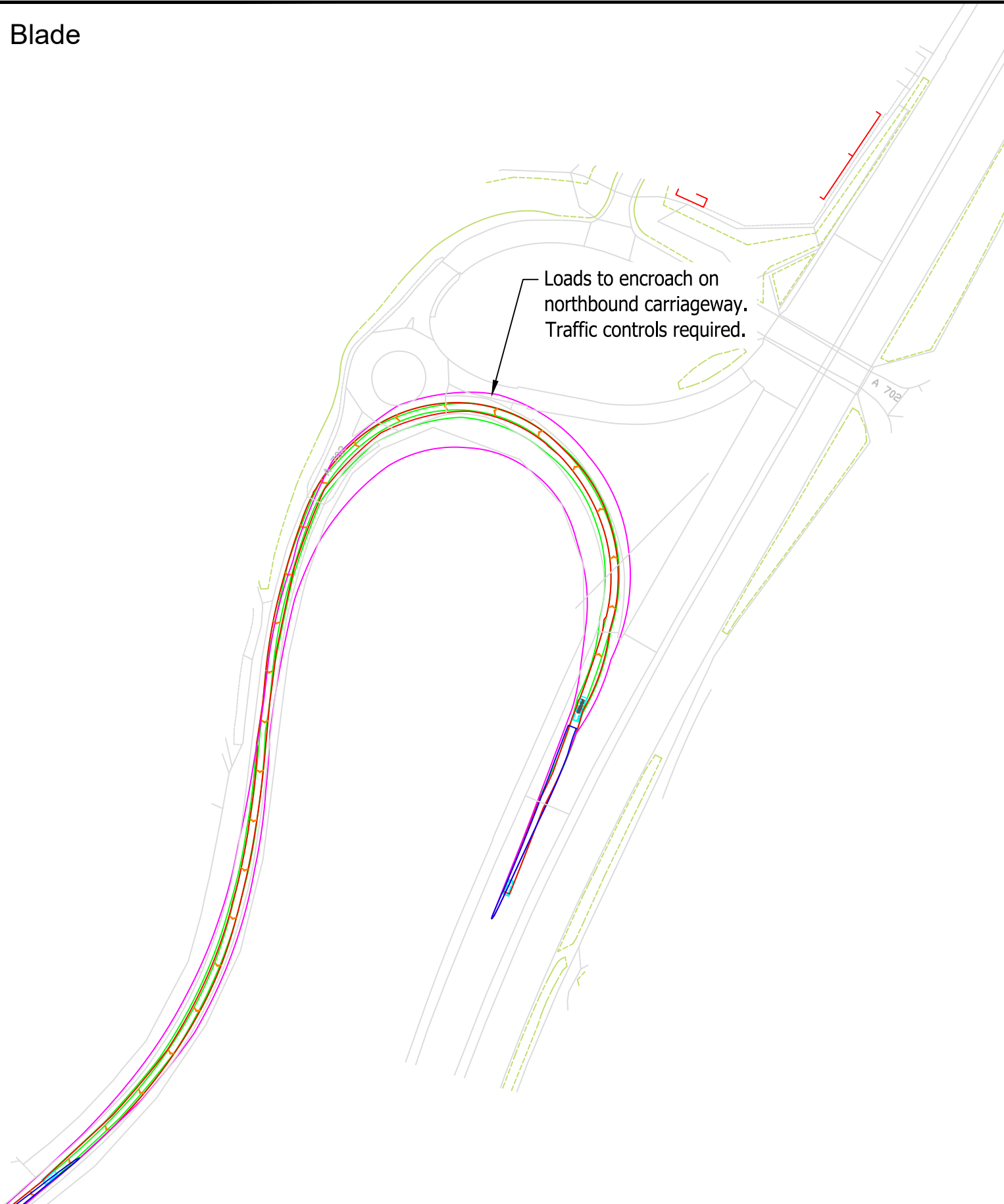
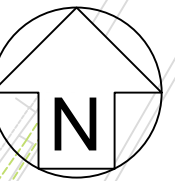
Project Watchman		Drawing Title Siemens SG170 Blades & Towers	
POI 12	SPA Location M6 Jct 42 Golden Fleece Interchange		

Notes
 1. All mitigation is subject to confirmation through a test run.
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Rev	Description	Drn	App	Date
-	-	-	-	-
Drawn	Approved	Date		
SJW	SMcG	10/11/2025		
Status	Draft	Key		
Revision	00	— Wheel SPA	▨ Overrun	
Scale	1:1500 @ A3	— Body SPA	▨ Oversail	
		— Load SPA	◁ DoT	
		— Indicative		
Drawing No.		10110070 - PF - SPA - 05A		

Blade

Tower



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Client **Ramboll**

Project **Watchman**

POI **15** SPA Location **A74(M) Jct 14 / A702 Elvanfoot Interchange**

Notes
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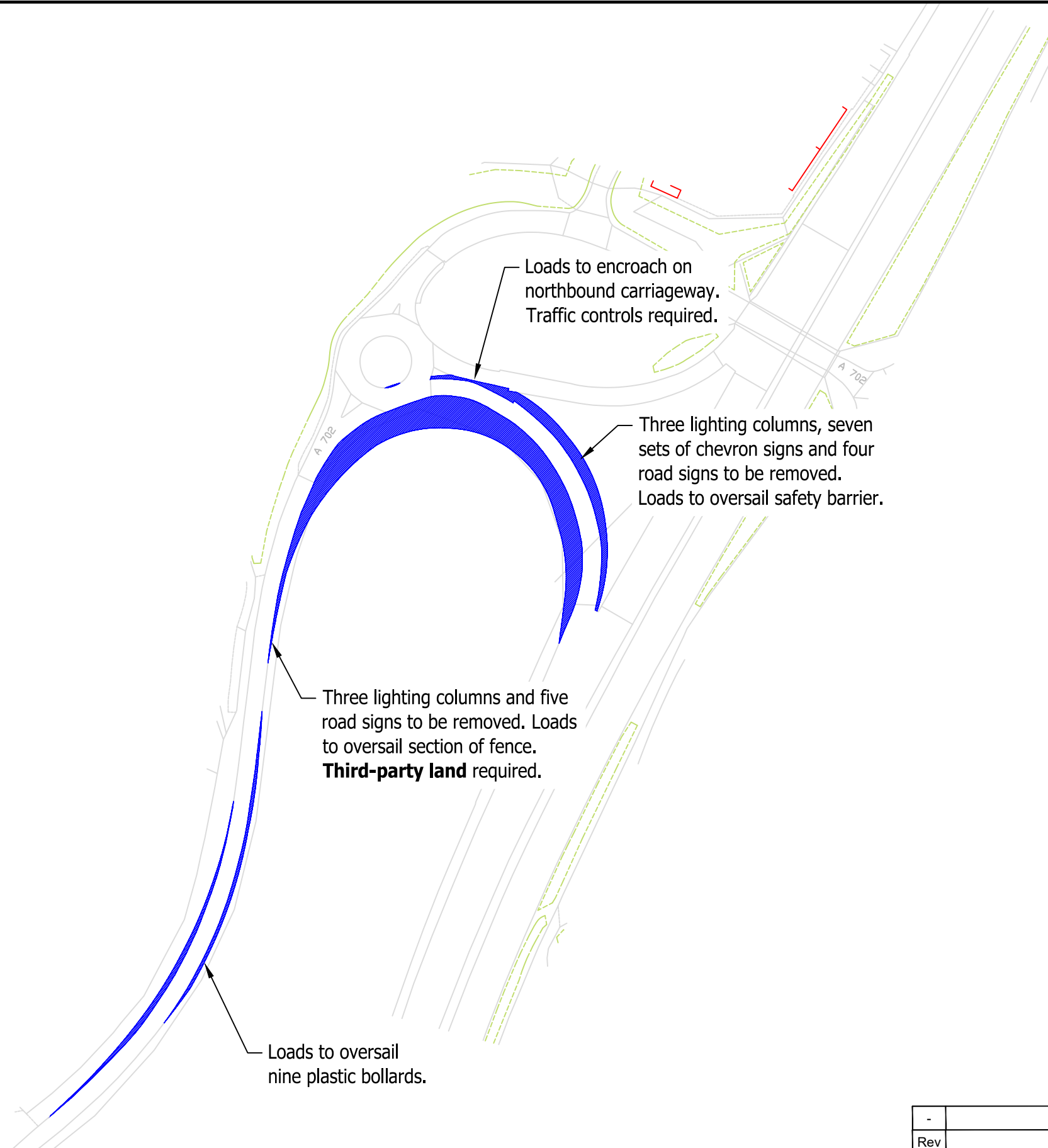
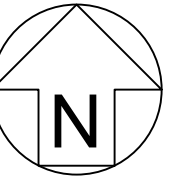
Drawing Title **Siemens SG170 Blades & Towers**

Rev	Description	Drn	App	Date
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Drawn **SJW** Approved **SMcG** Date **10/11/2025**

Status	Draft	Key	
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Drawing No. **10110070 - PF - SPA - 06**



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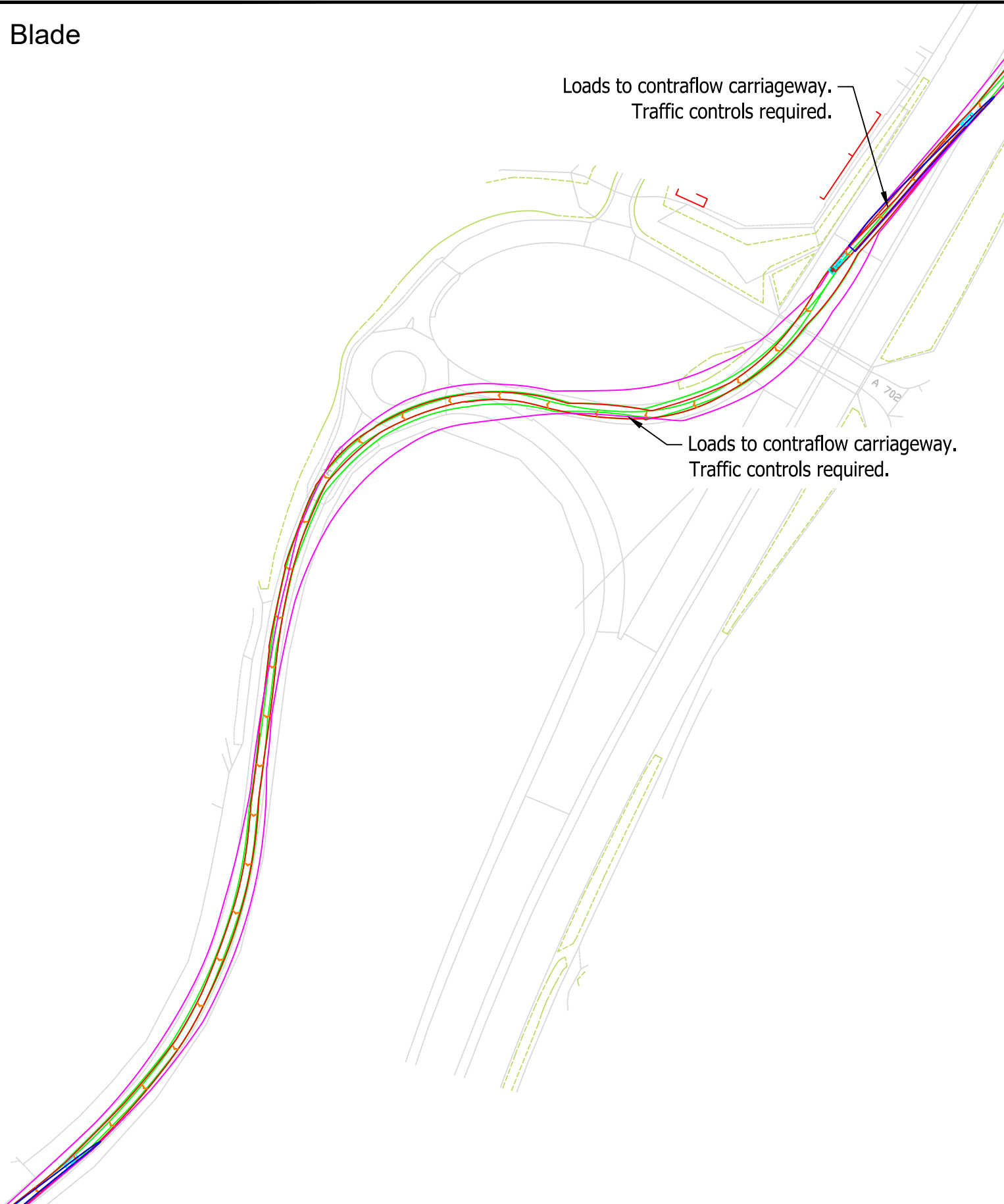
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Client **Ramboll**

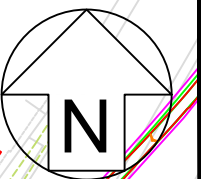
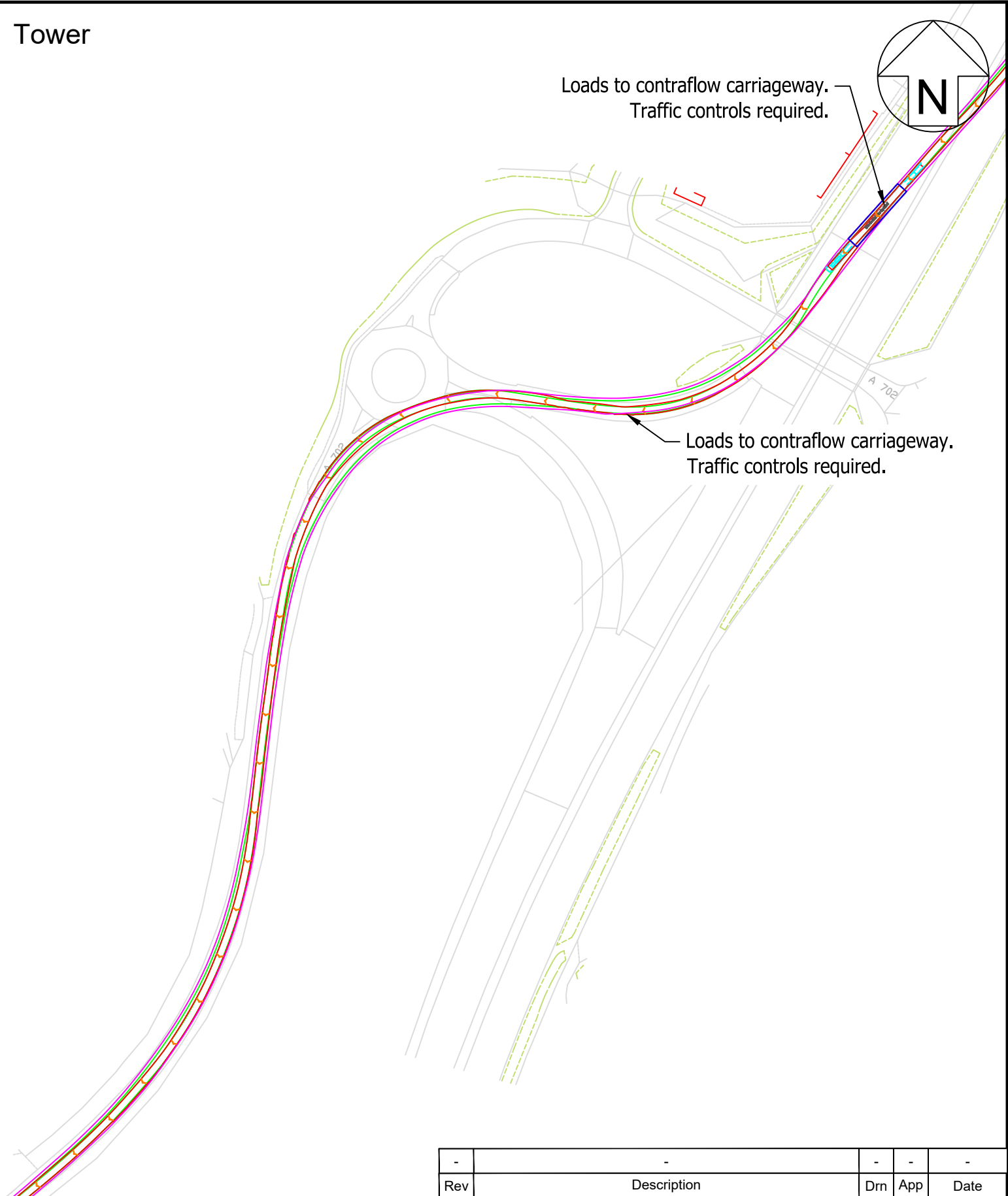
Project Watchman		Drawing Title Siemens SG170 Blades & Towers	
POI 15	SPA Location A74(M) Jct 14 / A702 Elvanfoot Interchange		
Notes 1. All mitigation is subject to confirmation through a test run. 2. This is not a construction drawing and is intended for illustration purposes only. 3. Do not scale from this drawing.			

Rev	Description			Drn	App	Date
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Scale	1:2000 @ A3		Body SPA	Oversail		
			Load SPA	DoT		
			Indicative			
Drawing No.			10110070 - PF - SPA - 06A			

Blade



Tower



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Client **Ramboll**

Project **Watchman**

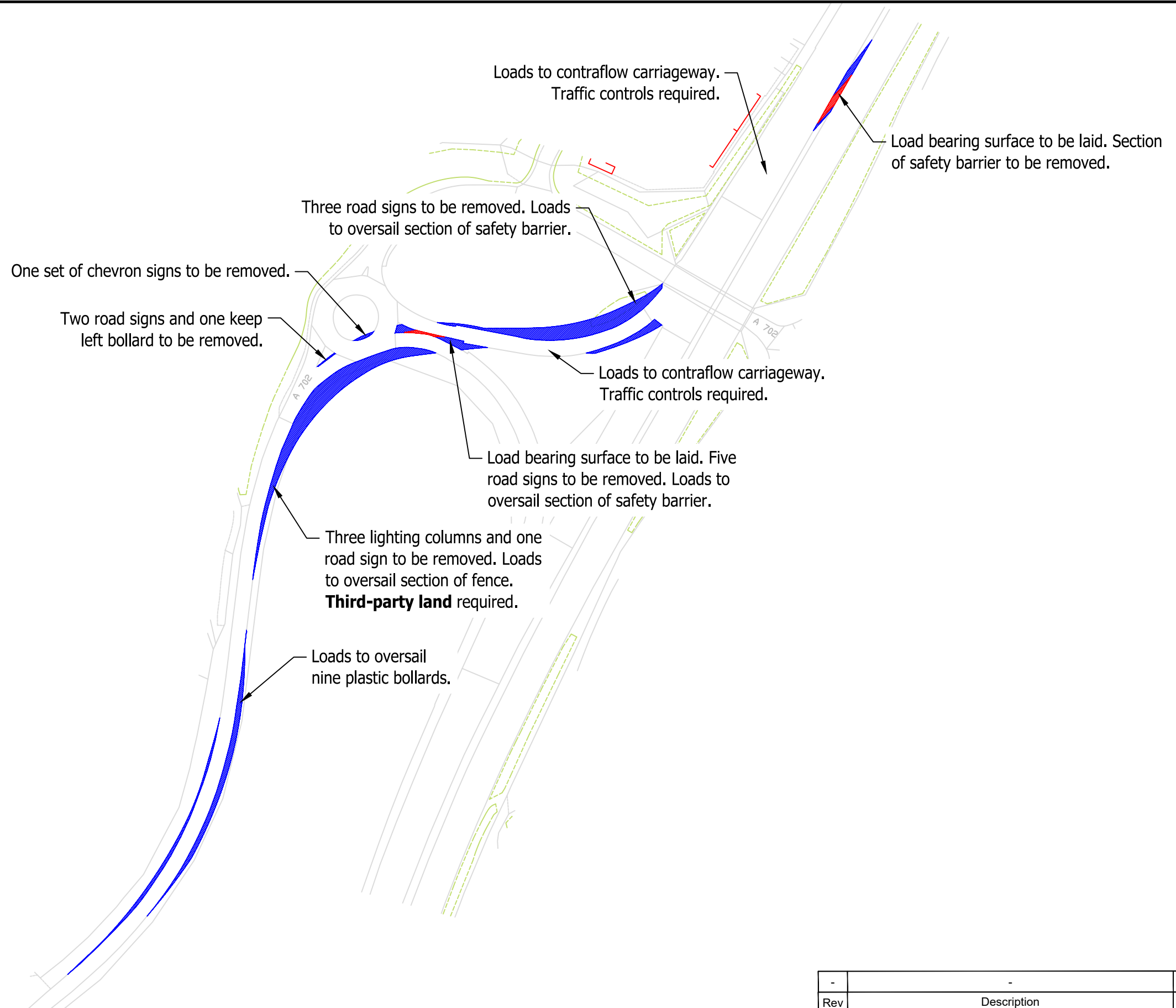
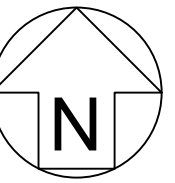
POI **15** SPA Location **A74(M) Jct 14 / A702 Elvanfoot Interchange**

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**

Rev	Description	Drn	App	Date
-	-	-	-	-
Drawn	SJW	Approved	SMcG	Date 10/11/2025
Status	Draft	Key		
Revision	00	— Wheel SPA	▨ Overrun	
Scale	1:2000 @ A3	— Body SPA	▨ Oversail	
Drawing No.	10110070 - PF - SPA - 06B			
		— Load SPA	⚡ DoT	
		— Indicative		

Mitigation



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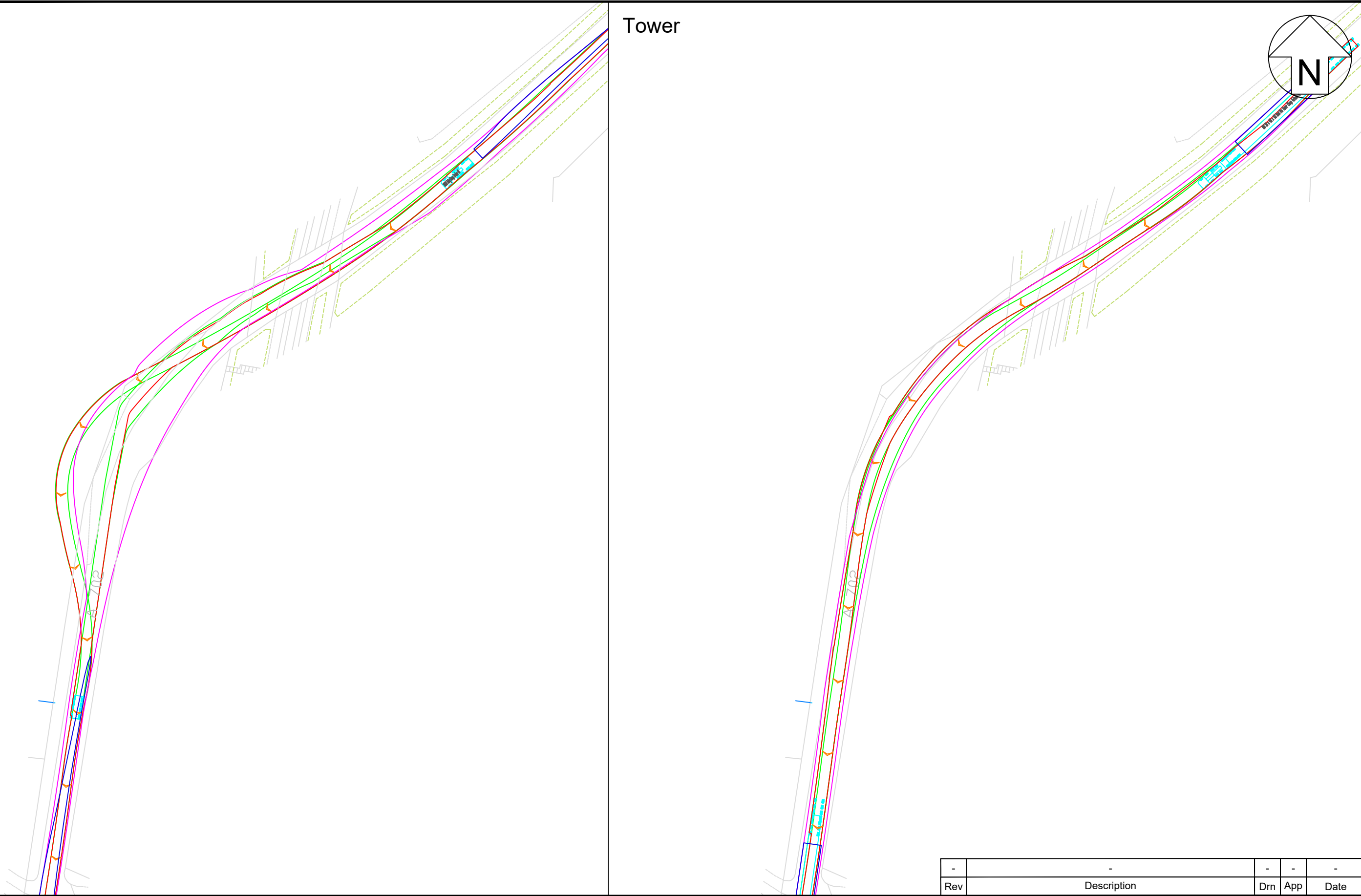
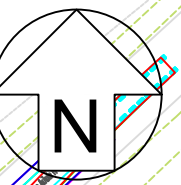
Client **Ramboll**

Project Watchman		Drawing Title Siemens SG170 Blades & Towers	
POI 15	SPA Location A74(M) Jct 14 / A702 Elvanfoot Interchange		
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.			

Rev	Description			Drn	App	Date
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Drawn	SJW	Approved	SMcG	Date 10/11/2025		
Status	Draft		Key			
Revision	00		Wheel SPA	Overrun		
Scale	1:2000 @ A3		Body SPA	Oversail		
			Load SPA	DoT		
			Indicative			
Drawing No.			10110070 - PF - SPA - 06C			

Blade

Tower



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Client **Ramboll**

Project **Watchman**

POI **16** SPA Location **A702 Elvanfoot Farm LH bend**

Notes
 1. All mitigation is subject to confirmation through a test run.
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 3. Do not scale from this drawing.

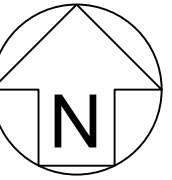
Drawing Title **Siemens SG170 Blades & Towers**

Rev	Description	Drn	App	Date
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Drawn **SJW** Approved **SMcG** Date **10/11/2025**

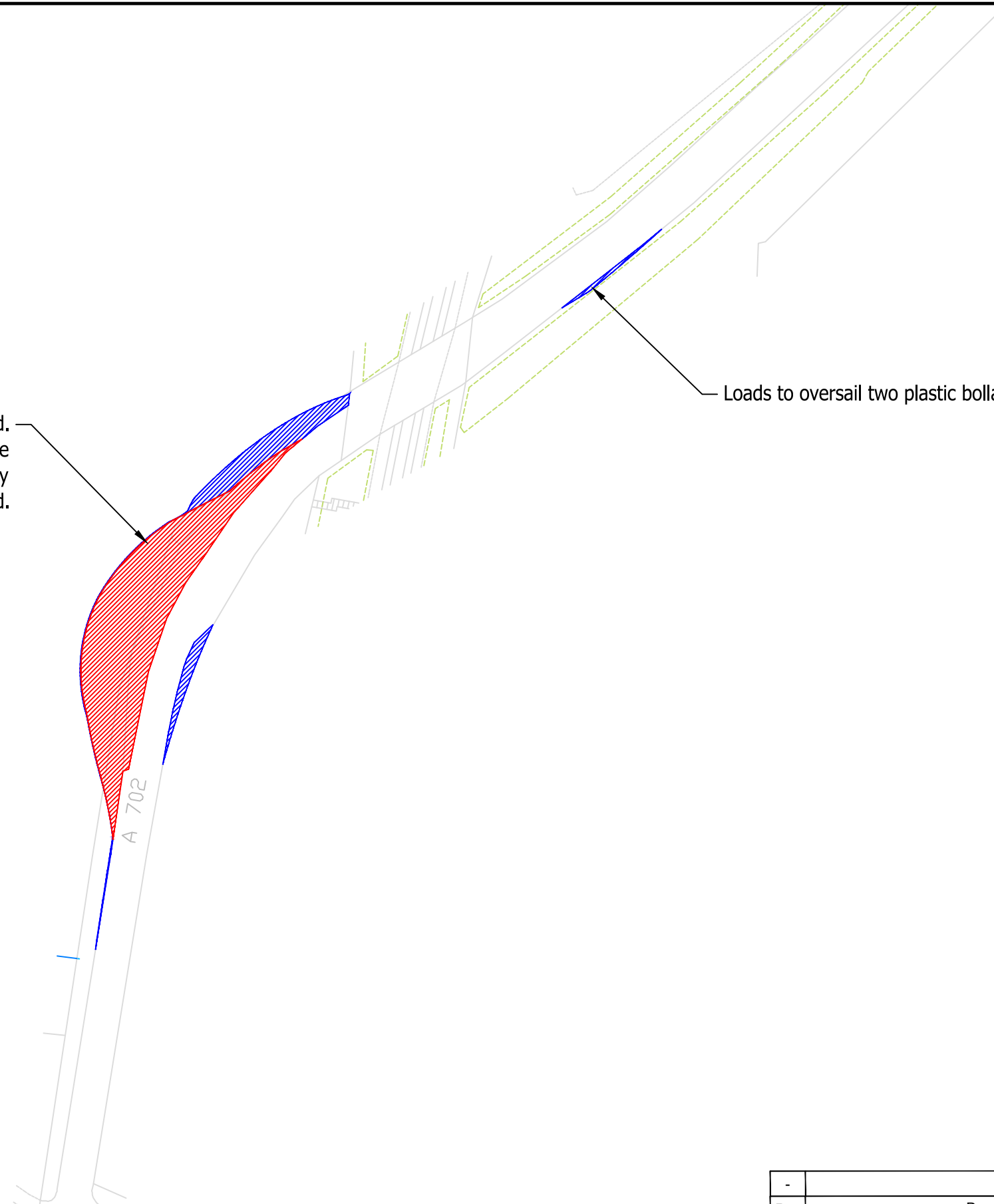
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Revision	00	— Wheel SPA	▨ Overrun
Scale	1:1000 @ A3	— Body SPA	▨ Oversail
		— Load SPA	◁ DoT
		— Indicative	

Drawing No. **10110070 - PF - SPA - 07**



Load bearing surface to be laid. Ground works required. Seven road signs, one plastic bollard and sections of fence and safety barrier to be removed. Loads to oversail safety barrier and three bollards. **Third-party land** required.

Loads to oversail two plastic bollards.



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Client

Ramboll

Project

Watchman

Drawing Title

Siemens SG170 Blades & Towers

POI

16

SPA Location

A702 Elvanfoot Farm LH bend

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.

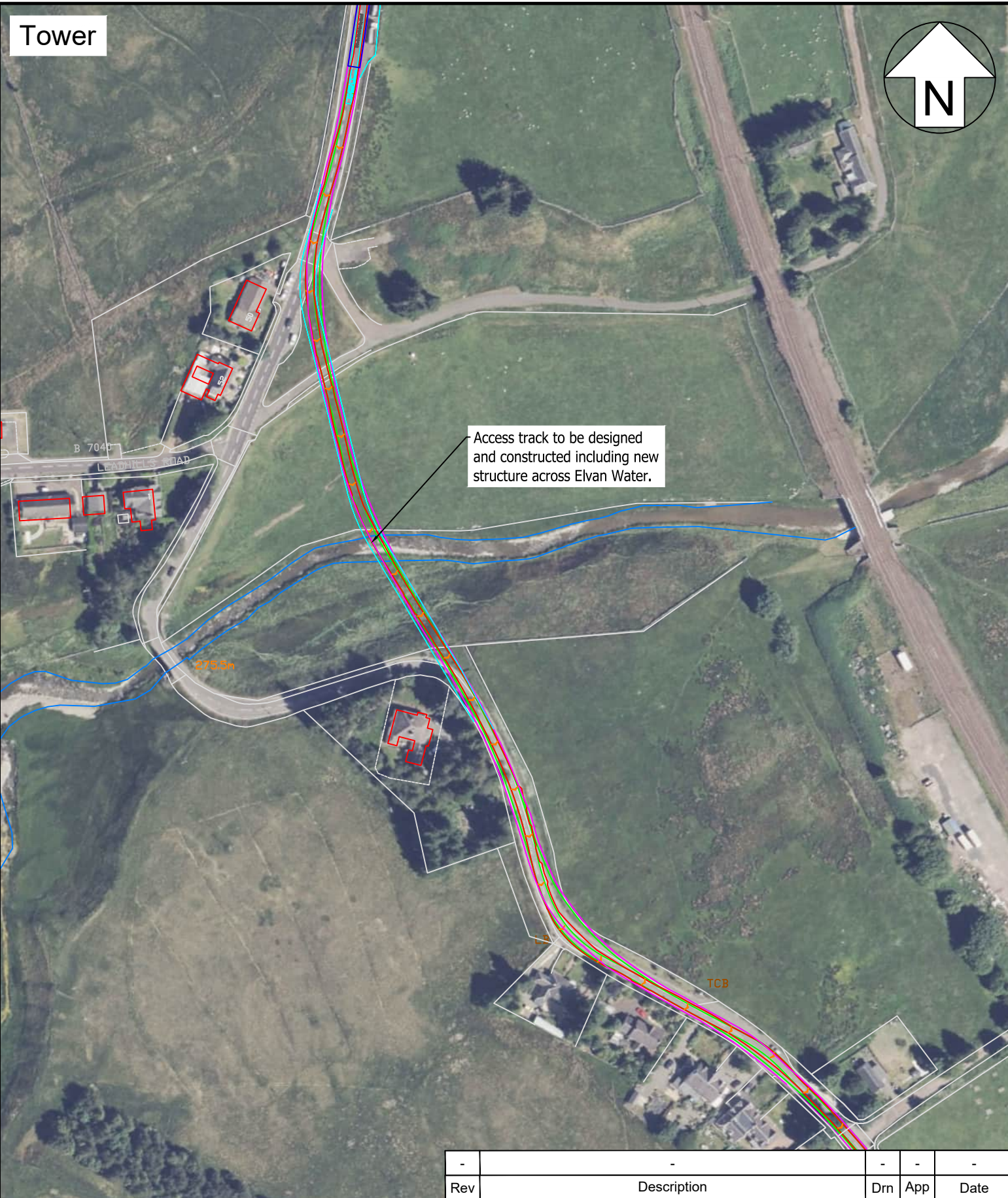
Rev	-			Drn	App	Date
Drawn	SJW	Approved	SMcG	Date	10/11/2025	
Status	Draft		Key			
Revision	00		Wheel SPA	Overrun		
Scale	1:1000 @ A3		Body SPA	Oversail		
Drawing No.	10110070 - PF - SPA - 07A					

Blade

Tower



Access track to be designed and constructed including new structure across Elvan Water.



Access track to be designed and constructed including new structure across Elvan Water.

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Client **Ramboll**

Project **Watchman**

POI **17, 18** SPA Location **A702 / Elvan Water Bypass**

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**

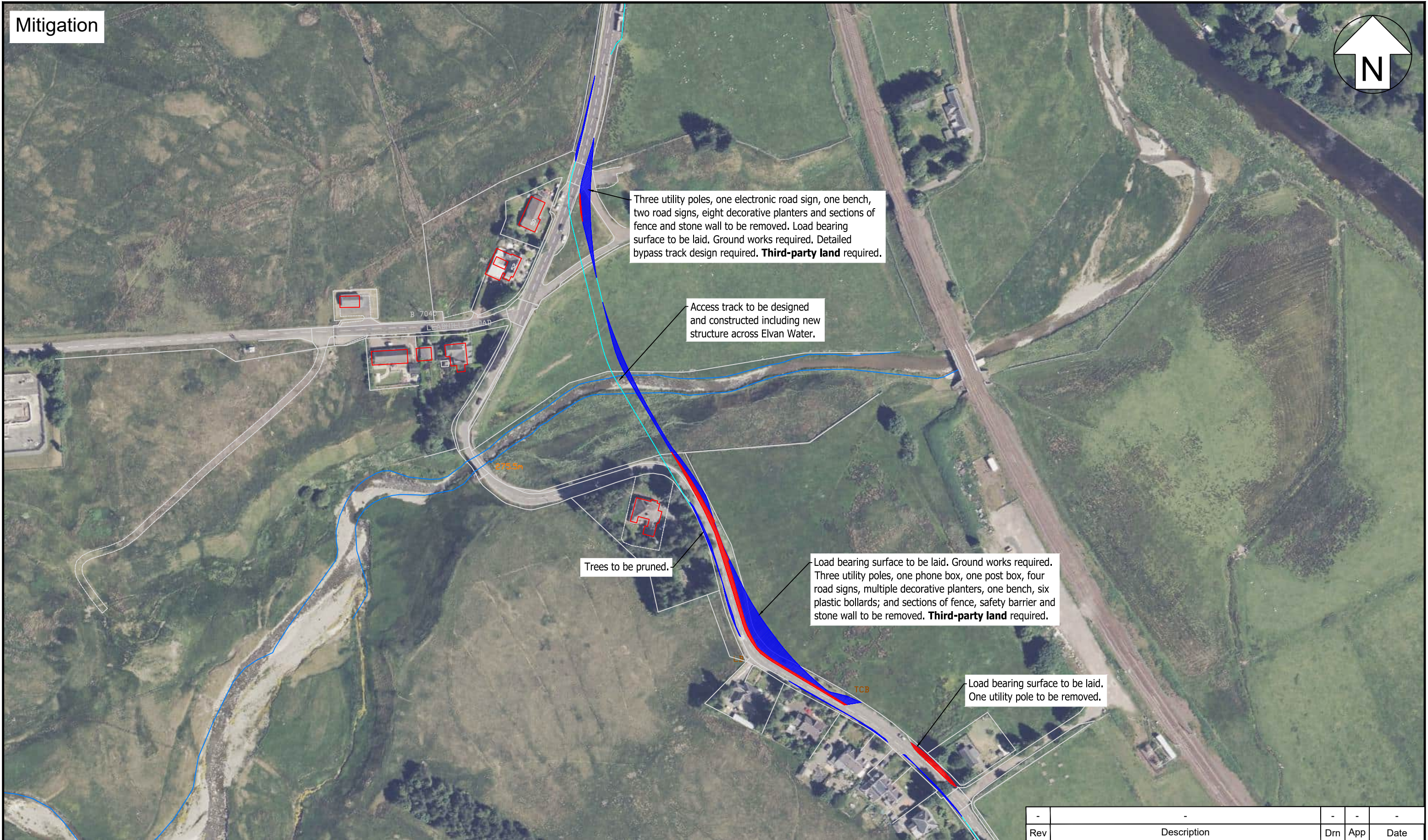
Rev	Description	Drn	App	Date
-	-	-	-	-

Drawn **SJW** Approved **SMcG** Date **10/11/2025**

Status	Draft	Key — Wheel SPA Overrun — Body SPA Oversail — Load SPA DoT — Indicative
Revision	00	
Scale	1:2000 @ A3	

Drawing No. **10110070 - PF - SPA - 08**

Mitigation



Three utility poles, one electronic road sign, one bench, two road signs, eight decorative planters and sections of fence and stone wall to be removed. Load bearing surface to be laid. Ground works required. Detailed bypass track design required. **Third-party land** required.

Access track to be designed and constructed including new structure across Elvan Water.

Trees to be pruned.

Load bearing surface to be laid. Ground works required. Three utility poles, one phone box, one post box, four road signs, multiple decorative planters, one bench, six plastic bollards; and sections of fence, safety barrier and stone wall to be removed. **Third-party land** required.

Load bearing surface to be laid. One utility pole to be removed.

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Client **Ramboll**

Project	Watchman		Drawing Title	Siemens SG170 Blades & Towers	
POI	17, 18	SPA Location	A702 / Elvan Water Bypass		

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.

Rev	-			Drn	App	Date
Drawn	SJW	Approved	SMcG	Date	10/11/2025	
Status	Draft		Key			
Revision	00		Wheel SPA	Overrun		
Scale	1:2000 @ A3		Body SPA	Oversail		
Drawing No.	10110070 - PF - SPA - 08A					



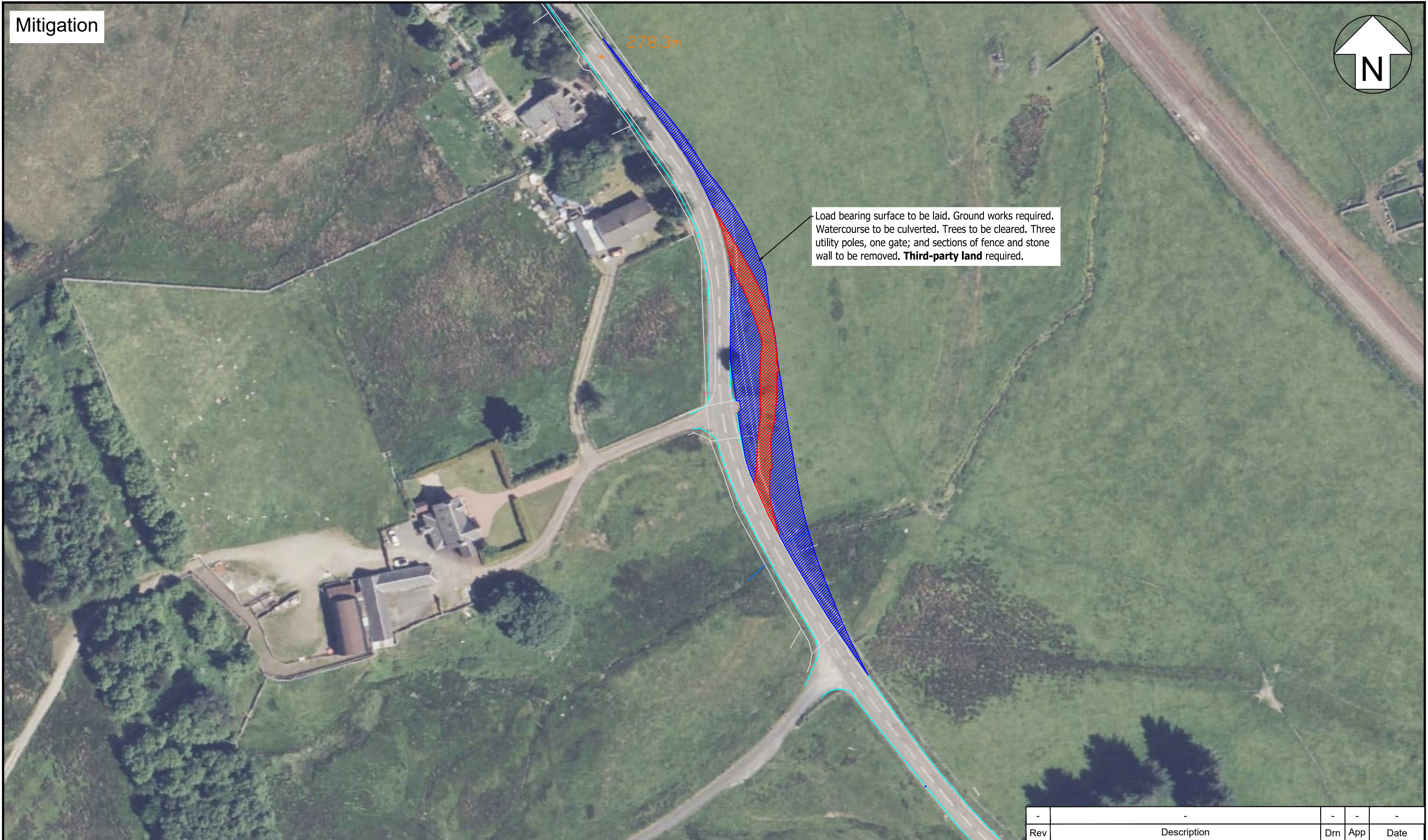
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Project Watchman	
POI 19	SPA Location A702 Elvanfoot series of bends
Notes 1. All mitigation is subject to confirmation through a test run. 2. This is not a construction drawing and is intended for illustration purposes only. 3. Do not scale from this drawing.	

Drawing Title Siemens SG170 Blades & Towers	
Client Ramboll	

Rev	Description	Drn	App	Date
-	-	-	-	-
Drawn	Approved	Date		
SJW	SMcG	10/11/2025		
Status	Draft	Key		
Revision	00	— Wheel SPA — Body SPA — Load SPA — Indicative	Overrun Oversail DoT	
Scale	1:1000 @ A3			
Drawing No.		10110070 - PF - SPA - 09		

Mitigation



Load bearing surface to be laid. Ground works required. Watercourse to be culverted. Trees to be cleared. Three utility poles, one gate; and sections of fence and stone wall to be removed. **Third-party land** required.

278.3m

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Client: **Ramboll**

Project	Watchman		Drawing Title	Siemens SG170 Blades & Towers	
POI	19	SPA Location	A702 Elvanfoot series of bends		
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.				

Rev	-			Drn	App	Date
Drawn	SJW	Approved	SMcG	Date	10/11/2025	
Status	Draft		Key			
Revision	00		Wheel SPA	Overrun		
Scale	1:1000 @ A3		Body SPA	Oversail		
Drawing No.	10110070 - PF - SPA - 09A					



Blade

Tower



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Project	Watchman	
POI	20	SPA Location
A702 east of Bucht Knowe series of bends		
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		
Drawn	SJW	Approved	SMcG
Date	10/11/2025		
Status	Draft		
Revision	00		
Scale	1:2000 @ A3		
Drawing No.	10110070 - PF - SPA - 10		

Rev	-	Description	-	Drn	-	App	-	Date	-																
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Key	— Wheel SPA		Overrun																						
	— Body SPA		Oversail																						
	— Load SPA		DoT																						
	— Indicative																								

Mitigation



Load bearing surface to be laid. Ground works required. Tree to be cleared. One road sign, one bollard, one utility marker; and sections of fence and stone wall to be removed. **Third-party land** required.

Section of fence and three bollards to be removed.

Loads to oversail series of bollards.

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Client **Ramboll**

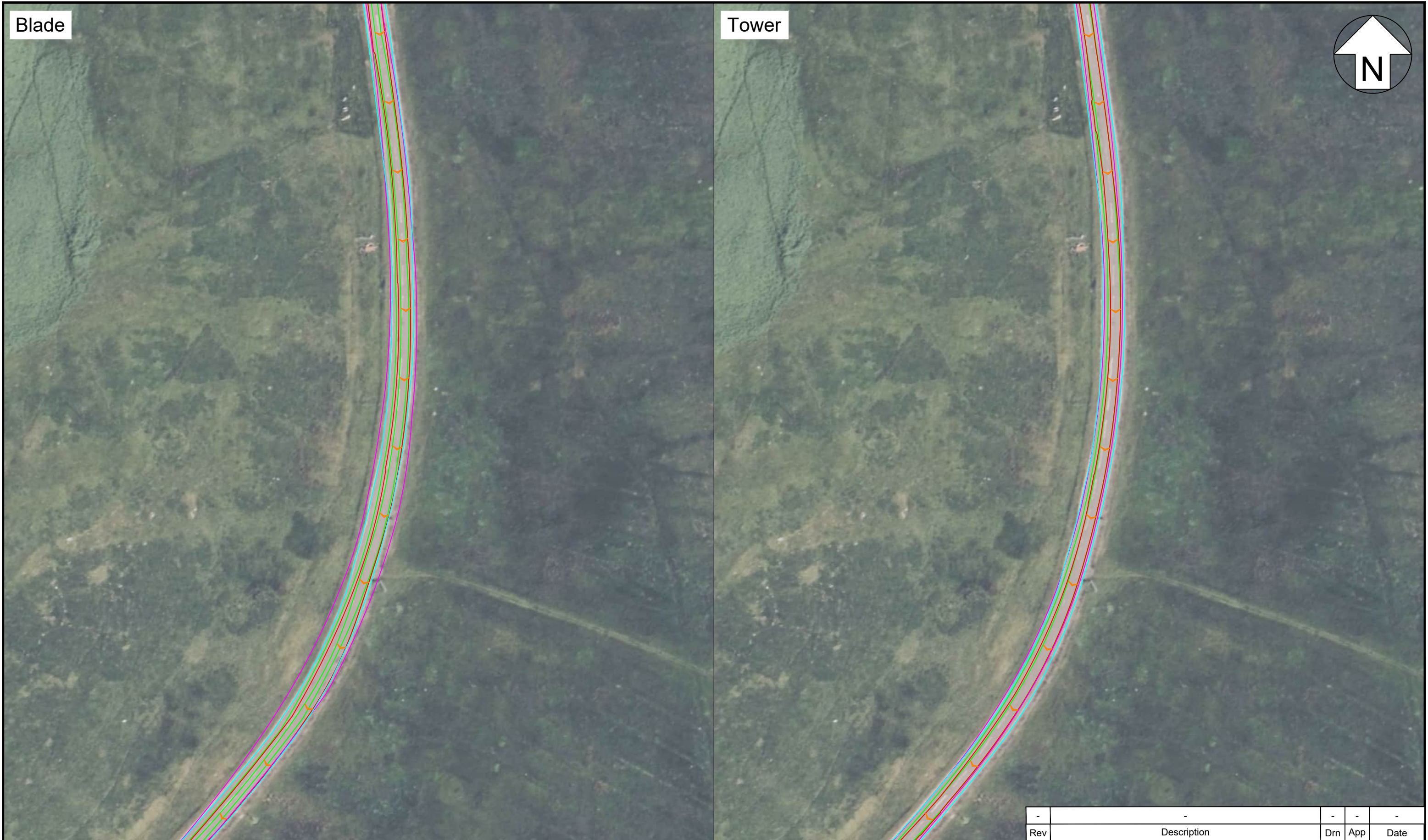
Project	Watchman		Drawing Title	Siemens SG170 Blades & Towers	
POI	20	SPA Location	A702 east of Bucht Knowe series of bends		

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.

Rev	-			Drn	App	Date	-
Drawn	SJW	Approved	SMcG	Date	10/11/2025		
Status	Draft		Key				
Revision	00		Wheel SPA	Overrun			
Scale	1:2000 @ A3		Body SPA	Oversail			
Drawing No.	10110070 - PF - SPA - 10A						

Blade

Tower



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Client

Ramboll

Project

Watchman

POI

21

SPA Location

A702 west of Knock Fessock RH bend

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

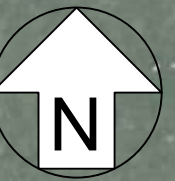
Siemens SG170 Blades & Towers

Rev	Description	Drn	App	Date
-	-	-	-	-

Drawn	SJW	Approved	SMcG	Date	10/11/2025
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Status	Draft	Key Wheel SPA Body SPA Load SPA Indicative Overrun Oversail DoT
Revision	00	
Scale	1:1000 @ A3	

Drawing No. 10110070 - PF - SPA - 11



Section of fence to be removed. Loads to oversail raised embankment. **Third-party land** required.

Five chevron signs and section of fence to be removed. Loads to oversail series of bollards. **Third-party land** required.

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Project	Watchman		Drawing Title	Siemens SG170 Blades & Towers	
POI	21	SPA Location	A702 west of Knock Fessock RH bend		
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.				

Rev	-			Drn	App	Date
Drawn	SJW	Approved	SMcG	Date	10/11/2025	
Status	Draft		Key			
Revision	00		Wheel SPA	Overrun		
Scale	1:1000 @ A3		Body SPA	Oversail		
Drawing No.	10110070 - PF - SPA - 11A					

Blade

Tower



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Client **Ramboll**

Project **Watchman**

POI **22** SPA Location **A702 Air Cleuch series of bends**

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**

Rev	Description	Drn	App	Date
-	-	-	-	-

Drawn **SJW** Approved **SMcG** Date **10/11/2025**

Status	Draft	Key — Wheel SPA Overrun — Body SPA Oversail — Load SPA — Indicative ↙ DoT
Revision	00	
Scale	1:1500 @ A3	

Drawing No. **10110070 - PF - SPA - 12**



One road sign to be removed.

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Client

Ramboll

Project Watchman		Drawing Title Siemens SG170 Blades & Towers	
POI 22	SPA Location A702 Air Cleuch series of bends		
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.			

Rev	-			Drn	App	Date
Drawn	SJW	Approved	SMcG	Date	10/11/2025	
Status	Draft		Key			
Revision	00		Wheel SPA	Overrun		
Scale	1:1500 @ A3		Body SPA	Oversail		
Drawing No.			Load SPA	DoT		
			Indicative			
10110070 - PF - SPA - 12A						

Blade

Tower



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Client **Ramboll**

Project **Watchman** Drawing Title **Siemens SG170 Blades & Towers**

POI **23** SPA Location **A702 east of Lang Knowe series of bends**

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.

Rev	Description	Drn	App	Date
-	-	-	-	-

Drawn **SJW** Approved **SMcG** Date **10/11/2025**

Status	Draft	Key Wheel SPA Body SPA Load SPA Indicative Overrun Oversail DoT
Revision	00	
Scale	1:1500 @ A3	

Drawing No. **10110070 - PF - SPA - 13**

Mitigation



Minimal clearance to fence line. Land searches required to confirm extent of highway boundary. Topographical survey required to confirm mitigation measures.

Section of fence to be removed. Loads to oversail series of bollards. **Third-party land** required.

Section of fence to be removed. Loads to oversail series of bollards. **Third-party land** required.

Loads to oversail series of bollards.

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Client **Ramboll**

Project	Watchman		Drawing Title	Siemens SG170 Blades & Towers		
POI	23	SPA Location	A702 east of Lang Knowe series of bends			

Notes
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Rev	-			Drn	-	App	-	Date	-
Drawn	SJW	Approved	SMcG	Date	10/11/2025				
Status	Draft		Key		Wheel SPA Body SPA Load SPA Indicative Overrun Oversail DoT				
Revision	00								
Scale	1:1500 @ A3								
Drawing No.	10110070 - PF - SPA - 13A								

Blade

Tower



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Client **Ramboll**

Project **Watchman**

POI **24** SPA Location **A702 south of Annanshaw Burn RH bend**

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**

Rev	Description	Drn	App	Date
-	-	-	-	-

Drawn **SJW** Approved **SMcG** Date **10/11/2025**

Status	Draft	Key — Wheel SPA Overrun — Body SPA Oversail — Load SPA — Indicative ↖ DoT
Revision	00	
Scale	1:1000 @ A3	

Drawing No. **10110070 - PF - SPA - 14**



Section of fence and gate to be removed.
Third-party land required.

Loads to oversail series of bollards. One set of chevron signs to be removed.

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Project	Watchman		Drawing Title	Siemens SG170 Blades & Towers	
POI	24	SPA Location	A702 south of Annanshaw Burn RH bend		
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.				

Client **Ramboll**

Rev	-			Drn	App	Date	-
Drawn	SJW	Approved	SMcG	Date	10/11/2025		
Status	Draft		Key		Wheel SPA	Overrun	
Revision	00		Body SPA	Overhaul	Load SPA	DoT	
Scale	1:1000 @ A3		Indicative				
Drawing No.	10110070 - PF - SPA - 14A						

Blade

Tower



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Client

Ramboll

Project

Watchman

POI

25

SPA Location

A702 Glenochar series of bends

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

Rev

Drawn SJW

Status

Revision

Scale

Drawing No.

Description

Approved SMcG

Draft

00

1:2000 @ A3

10110070 - PF - SPA - 15

Date

10/11/2025

Key

- Wheel SPA
- Body SPA
- Load SPA
- Indicative
- Overrun
- Oversail
- DoT

Drn

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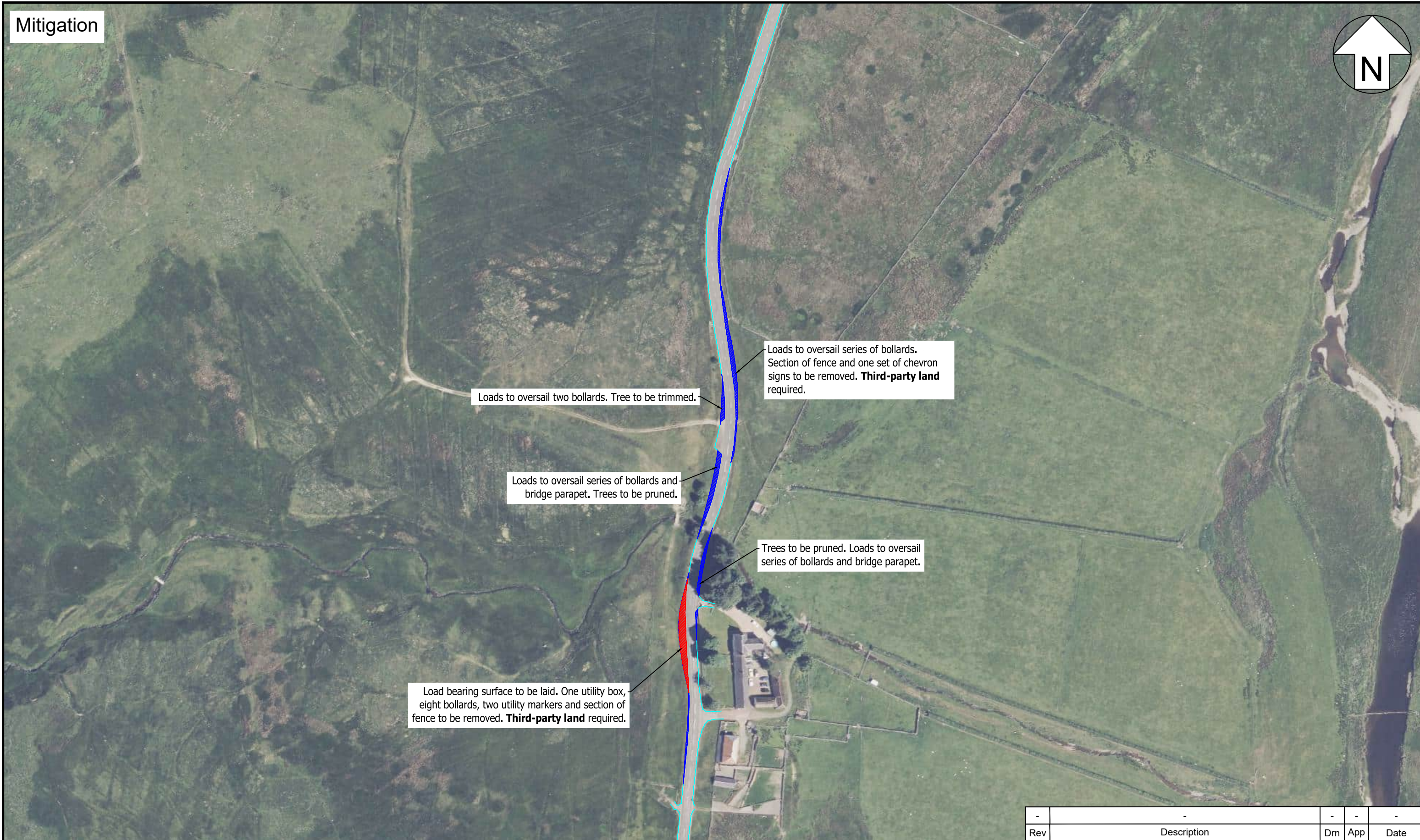
App

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Date

-

Mitigation



Loads to oversail two bollards. Tree to be trimmed.

Loads to oversail series of bollards. Section of fence and one set of chevron signs to be removed. **Third-party land** required.

Loads to oversail series of bollards and bridge parapet. Trees to be pruned.

Trees to be pruned. Loads to oversail series of bollards and bridge parapet.

Load bearing surface to be laid. One utility box, eight bollards, two utility markers and section of fence to be removed. **Third-party land** required.

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Client **Ramboll**

Project **Watchman** Drawing Title **Siemens SG170 Blades & Towers**

POI **25** SPA Location **A702 Glenochar series of bends**

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.

Rev	-	Description	-	Drn	-	App	-	Date	-
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Drawn **SJW** Approved **SMcG** Date **10/11/2025**

Status	Draft	Key — Wheel SPA — Body SPA — Load SPA — Indicative Overrun Oversail DoT
Revision	00	
Scale	1:2000 @ A3	

Drawing No. **10110070 - PF - SPA - 15A**

Blade

Tower



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Client **Ramboll**

Project **Watchman**

POI **26** SPA Location **A702 east of Doddin RH bend**

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**

Rev	Description	Drn	App	Date
-	-	-	-	-

Drawn SJW	Approved SMcG	Date 10/11/2025
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Status	Draft	Key — Wheel SPA Overrun — Body SPA Oversail — Load SPA DoT — Indicative
Revision	00	
Scale	1:1000 @ A3	

Drawing No. **10110070 - PF - SPA - 16**

Mitigation



One road sign and two wooden posts to be removed.

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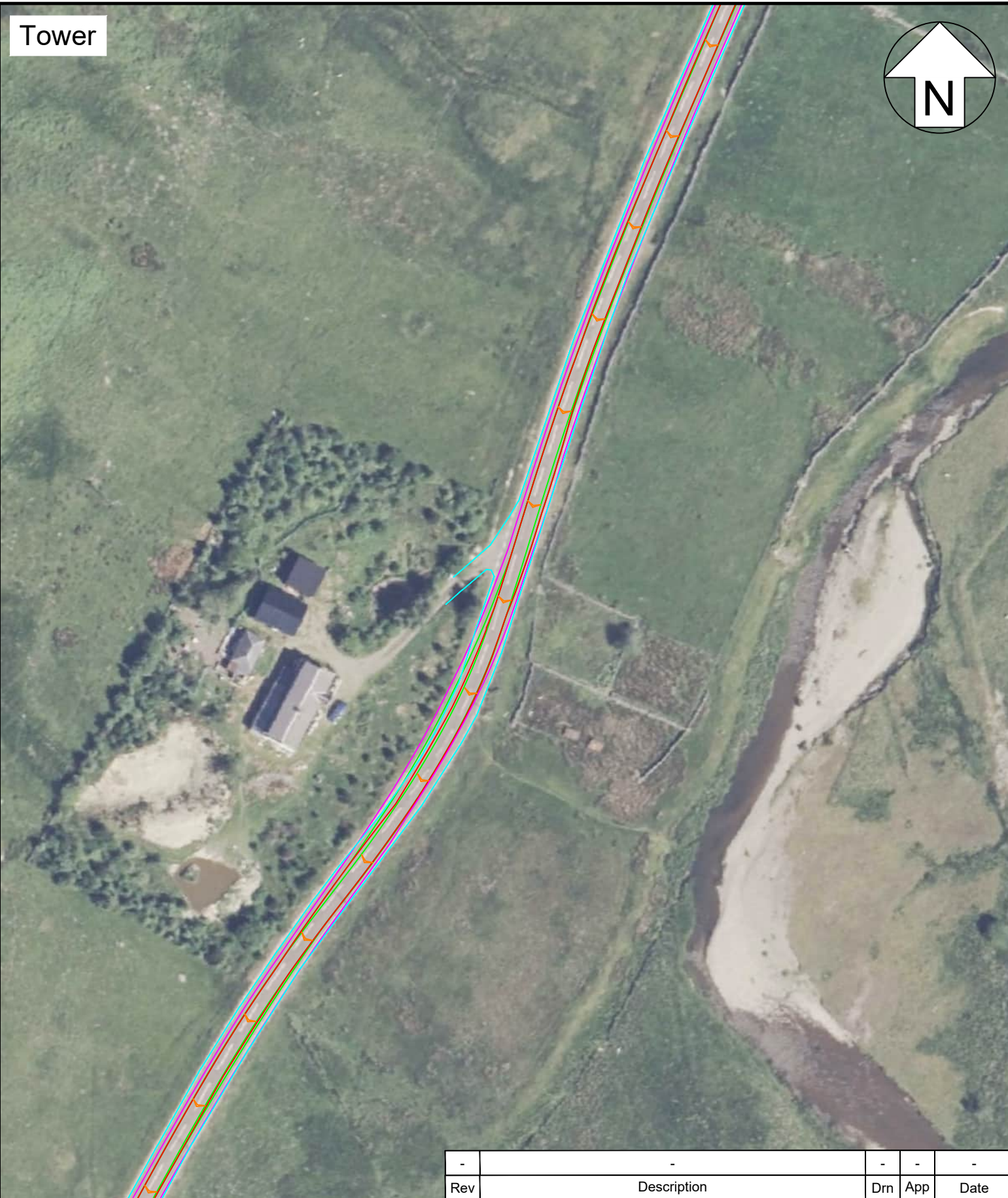
Project	Watchman	Drawing Title	Siemens SG170 Blades & Towers
POI	26	SPA Location	A702 east of Doddin RH bend
Notes	1. All mitigation is subject to confirmation through a test run. 2. This is not a construction drawing and is intended for illustration purposes only. 3. Do not scale from this drawing.		

Client **Ramboll**

Rev	-	Description	-	Drn	-	App	-	Date	-
Drawn	SJW	Approved	SMcG	Date	10/11/2025				
Status	Draft		Key		— Wheel SPA Overrun — Body SPA Oversail — Load SPA DoT — Indicative				
Revision	00								
Scale	1:1000 @ A3								
Drawing No.	10110070 - PF - SPA - 16A								

Blade

Tower



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Client **Ramboll**

Project **Watchman**

POI **27** SPA Location **A702 northwest of Watermeetings Rig RH bend**

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**

Rev	Description	Drn	App	Date
-	-	-	-	-

Drawn SJW	Approved SMcG	Date 10/11/2025
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Status Draft	Key — Wheel SPA Overrun — Body SPA Oversail — Load SPA — Indicative DoT
Revision 00	
Scale 1:1000 @ A3	

Drawing No. **10110070 - PF - SPA - 17**

Mitigation



Trees to be cleared. Section of fence to be removed. **Third-party land** required.

Two utility poles to be removed. Loads to oversail two bollards.

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 www.pellfrischmann.com

Client: **Ramboll**

Project: **Watchman** Drawing Title: **Siemens SG170 Blades & Towers**

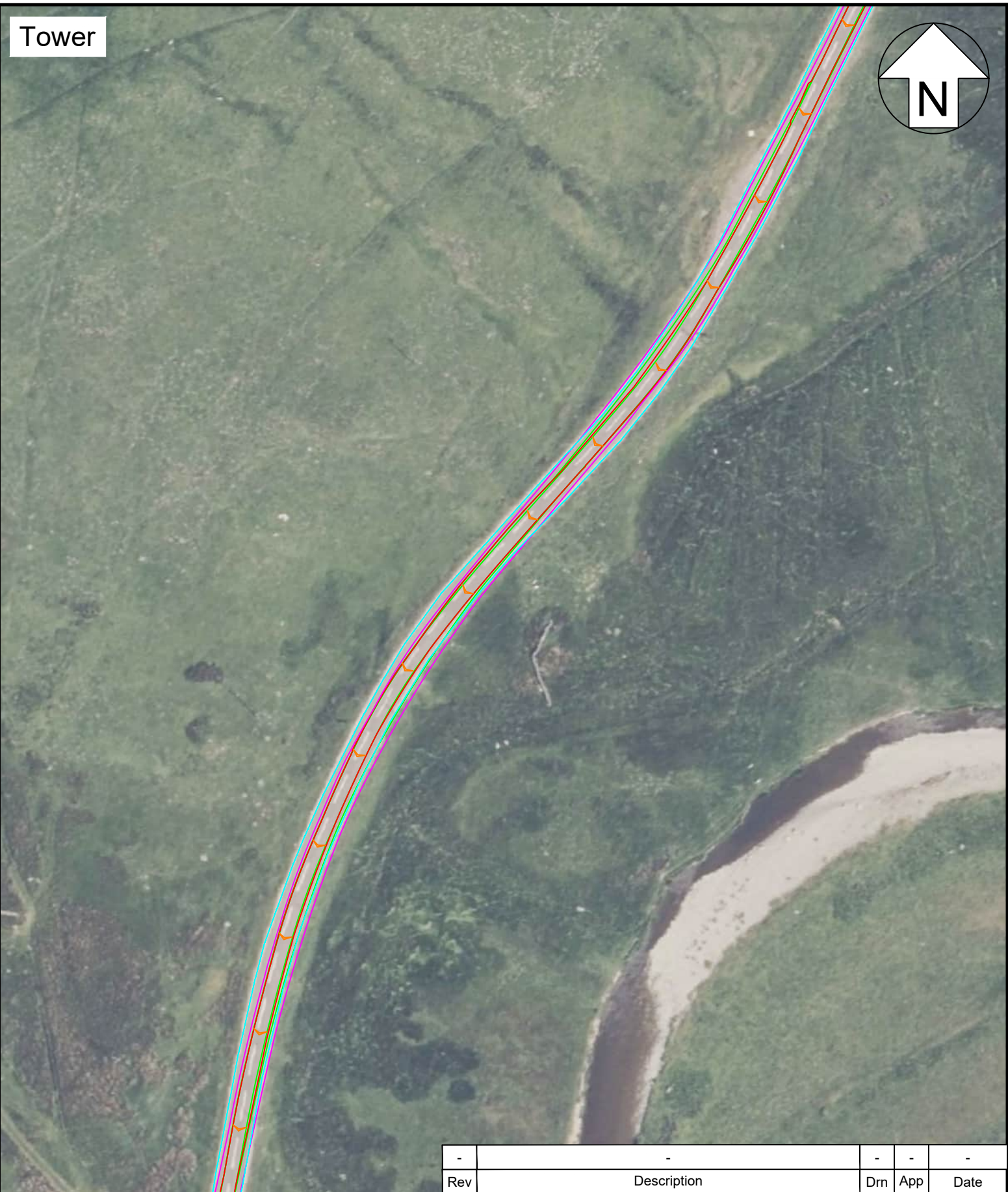
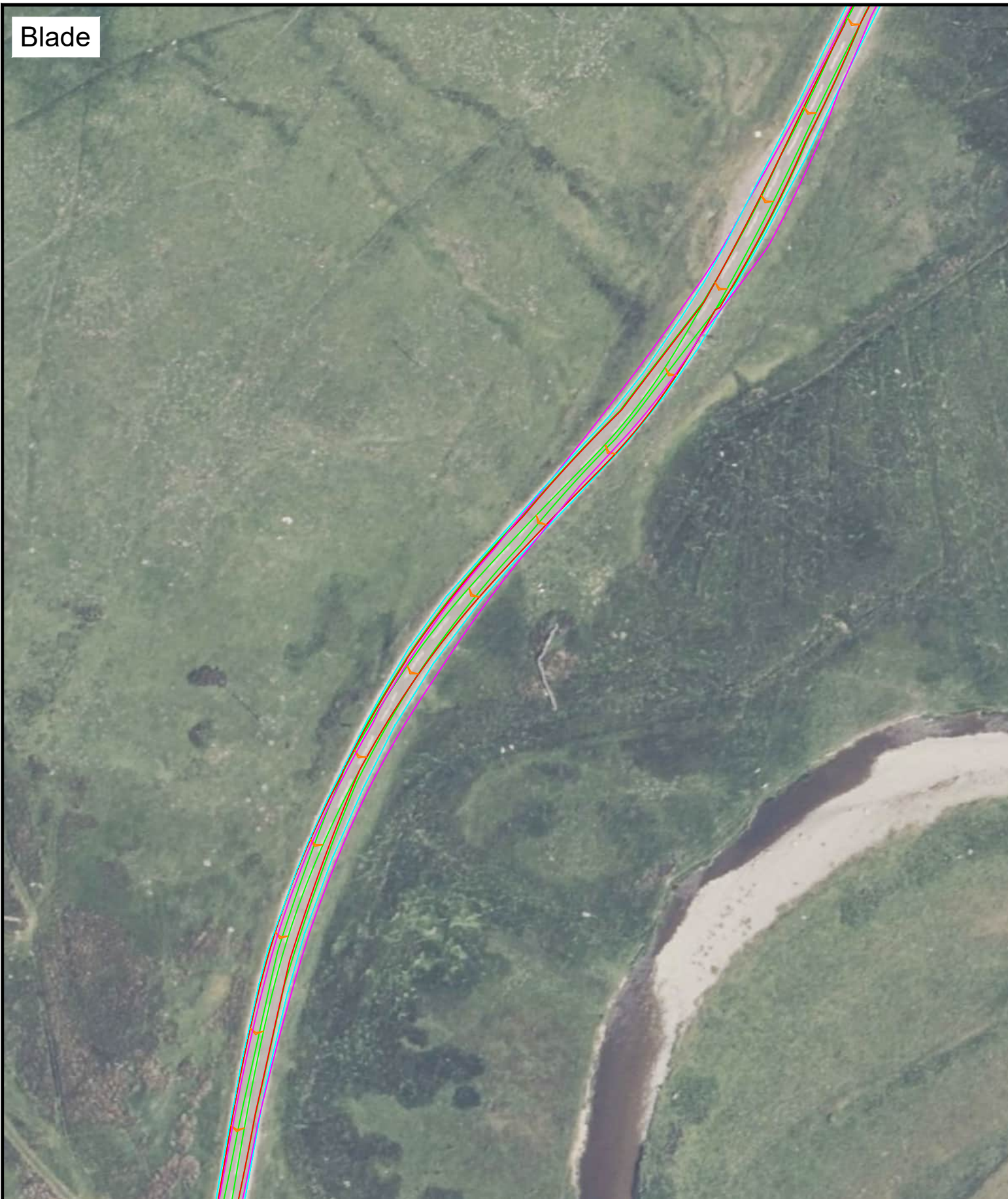
POI: **27** SPA Location: **A702 northwest of Watermeetings Rig RH bend**

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.

Rev	-	Description	-	Drn	-	App	-	Date	-
Drawn	SJW	Approved	SMcG	Date	10/11/2025				
Status	Draft		Key		Wheel SPA (Red line) Body SPA (Green line) Load SPA (Magenta line) Indicative (Cyan line) Overrun (Red hatched) Oversail (Blue hatched) DoT (Orange arrow)				
Revision	00								
Scale	1:1000 @ A3								
Drawing No.	10110070 - PF - SPA - 17A								

Blade

Tower



Pell Frischmann

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Client **Ramboll**

Project **Watchman**

POI **28** SPA Location **A702 Peden S-bend**

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**

Rev	Description	Drn	App	Date
-	-	-	-	-

Drawn **SJW** Approved **SMcG** Date **10/11/2025**

Status	Draft	Key	
Revision	00	Wheel SPA	Overrun
Scale	1:1000 @ A3	Body SPA	Oversail
		Load SPA	DoT
		Indicative	

Drawing No. **10110070 - PF - SPA - 18**

Mitigation



Loads to oversail embankment.

One utility pole to be removed.

Loads to oversail series of bollards and one utility box. Two utility poles to be removed. Land searches and topographical survey required to confirm highway extents and mitigation measures.

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Project Watchman		Drawing Title Siemens SG170 Blades & Towers	
POI 28	SPA Location A702 Peden S-bend		
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.			

Drawn SJW	Approved SMcG	Date 10/11/2025
Status Draft	Key	
Revision 00	Wheel SPA Body SPA Load SPA Indicative	Overrun Oversail DoT
Scale 1:1000 @ A3	Drawing No. 10110070 - PF - SPA - 18A	

Blade

Tower



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Client

Ramboll

Project

Watchman

POI

29

SPA Location

A702/05 Peden S-bend

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

Rev	Description	Drn	App	Date
-	-	-	-	-

Drawn	SJW	Approved	SMcG	Date	10/11/2025
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Status	Draft	Key — Wheel SPA Overrun — Body SPA Oversail — Load SPA — Indicative ↖ DoT
Revision	00	
Scale	1:1000 @ A3	

Drawing No. 10110070 - PF - SPA - 19

Mitigation



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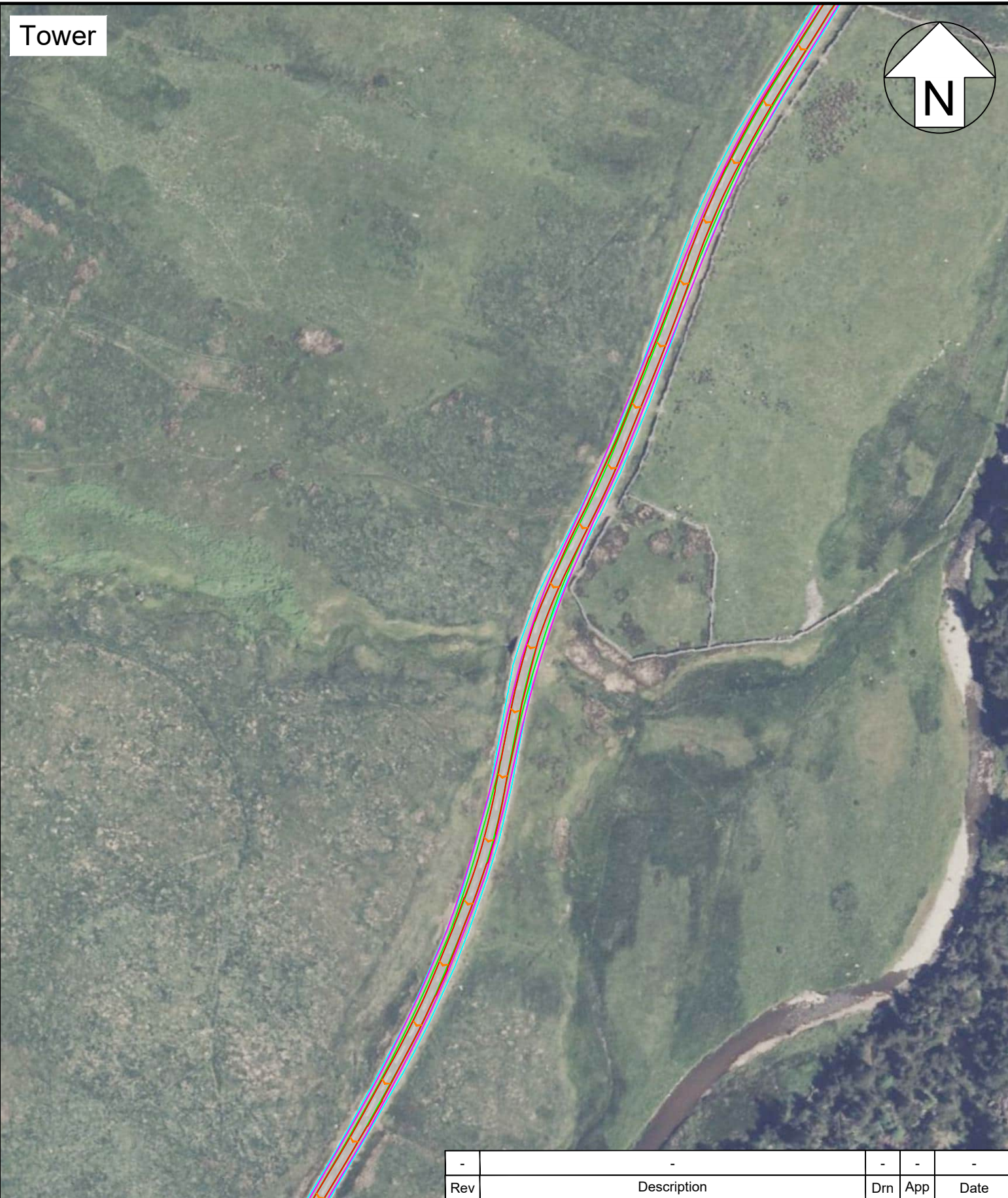
Client: **Ramboll**

Project	Watchman		Drawing Title	Siemens SG170 Blades & Towers	
POI	29	SPA Location	A702/05 Peden S-bend		
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.				

Rev	-			Drn	App	Date
Drawn	SJW	Approved	SMcG	Date	10/11/2025	
Status	Draft		Key			
Revision	00		Wheel SPA	Overrun		
Scale	1:1000 @ A3		Body SPA	Oversail		
Drawing No.	10110070 - PF - SPA - 19A					
			Load SPA	DoT		
			Indicative			

Blade

Tower



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Client **Ramboll**

Project **Watchman**

POI **30** SPA Location **A702 Little Peden Burn series of bends**

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.

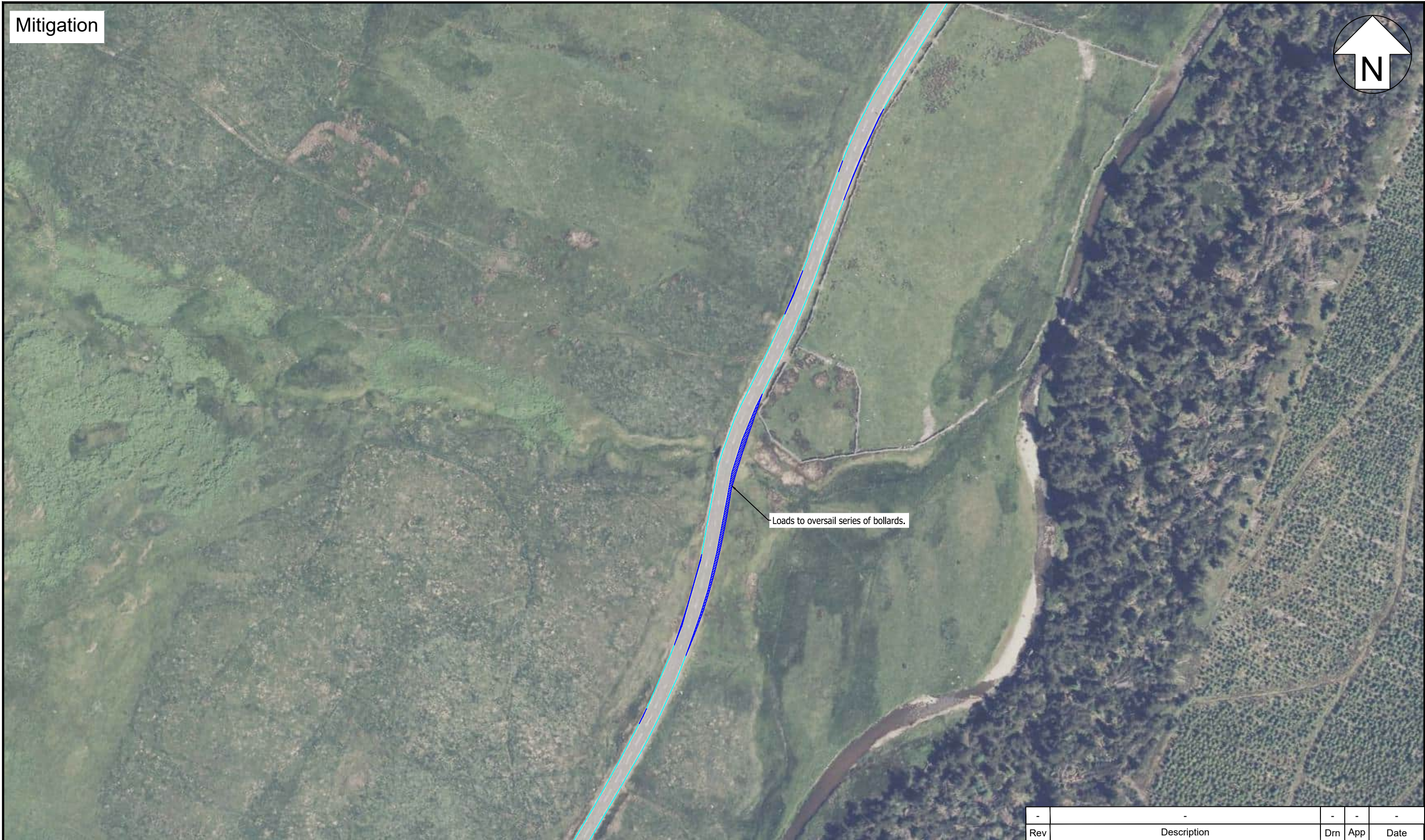
Drawing Title **Siemens SG170 Blades & Towers**

Rev	-	Description	-	Drn	-	App	-	Date	-
Drawn	SJW	Approved	SMcG	Date	10/11/2025				

Status	Draft	Key — Wheel SPA Overrun — Body SPA Oversail — Load SPA — Indicative ⚡ DoT
Revision	00	
Scale	1:1500 @ A3	

Drawing No. **10110070 - PF - SPA - 20**

Mitigation



Loads to oversail series of bollards.

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Client **Ramboll**

Project **Watchman** Drawing Title **Siemens SG170 Blades & Towers**

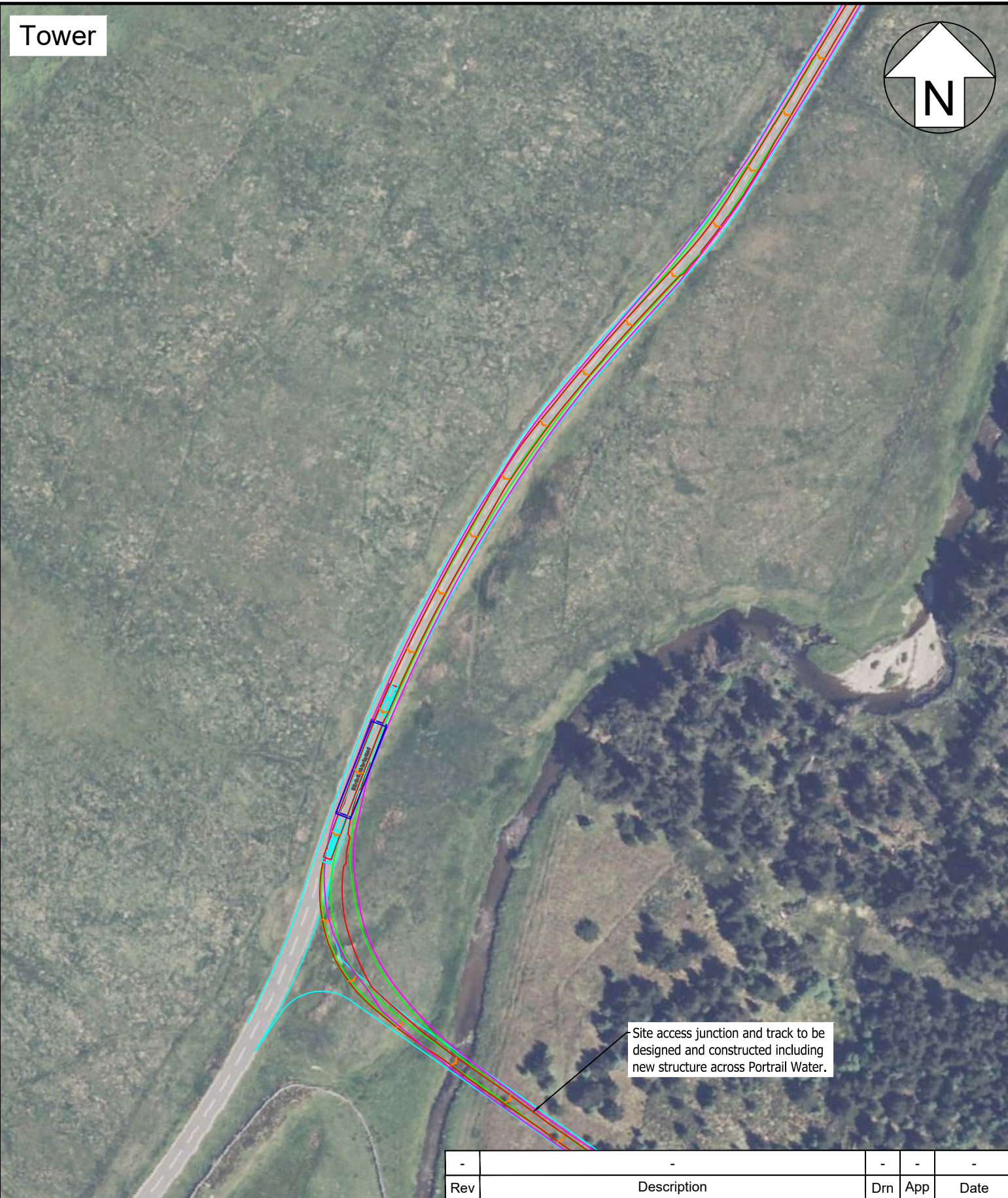
POI **30** SPA Location **A702 Little Peden Burn series of bends**

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.

Rev	-			Drn	-	App	-	Date	-
Drawn	SJW		Approved	SMcG		Date 10/11/2025			
Status	Draft		Key		Wheel SPA — Overrun Body SPA — Oversail Load SPA — DoT Indicative —				
Revision	00								
Scale	1:1500 @ A3								
Drawing No.			10110070 - PF - SPA - 20A						

Blade

Tower



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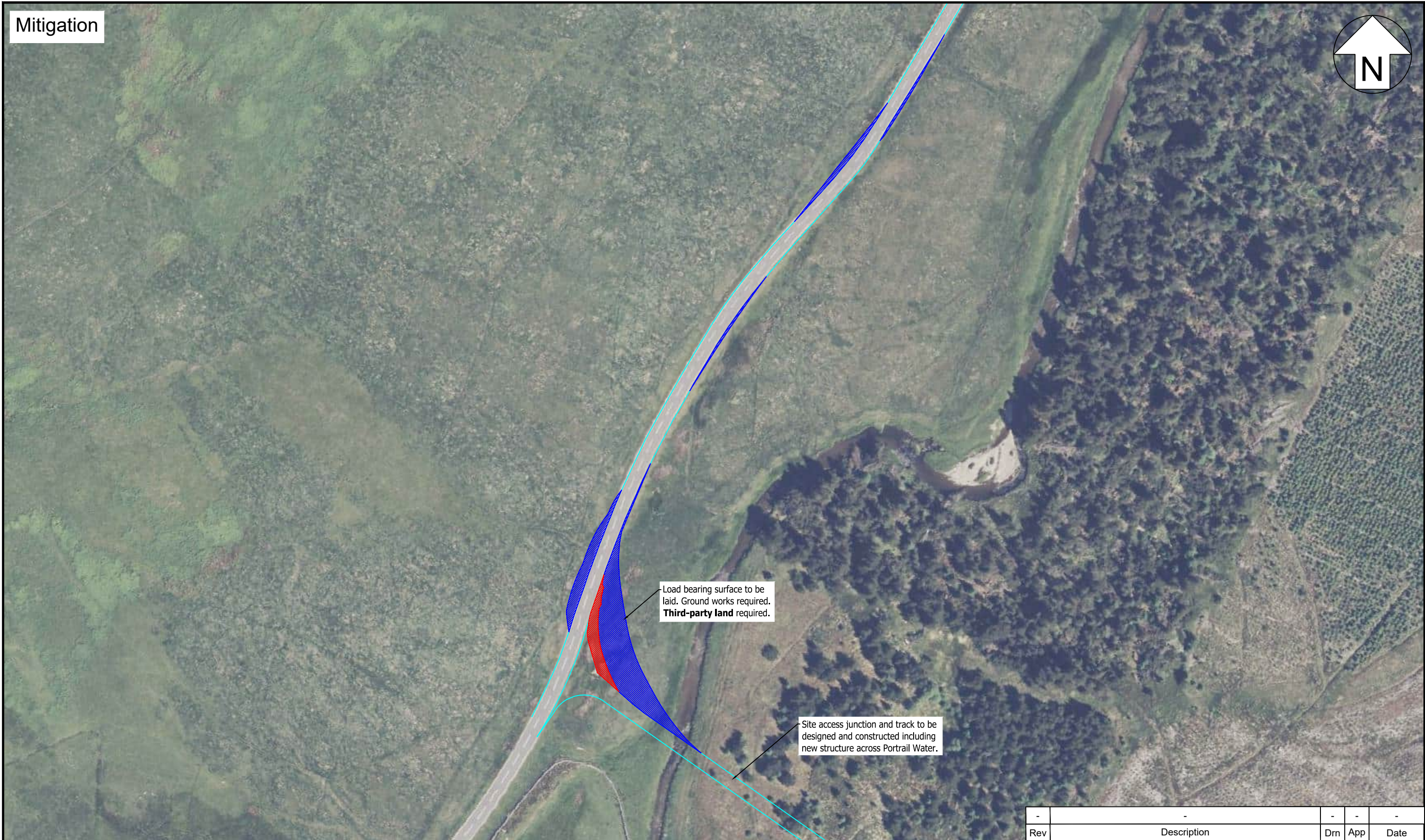
Client: **Ramboll**

Project: **Watchman**
 Drawing Title: **Siemens SG170 Blades & Towers**

POI: **31**
 SPA Location: **A702 / site access junction**

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.

Rev	-			Drn	-	App	-	Date	-
Drawn	SJW	Approved	SMcG	Date	10/11/2025				
Status	Draft		Key						
Revision	00		Wheel SPA	Overrun					
Scale	1:1500 @ A3		Body SPA	Oversail					
			Load SPA						
			Indicative	DoT					
Drawing No.			10110070 - PF - SPA - 21						

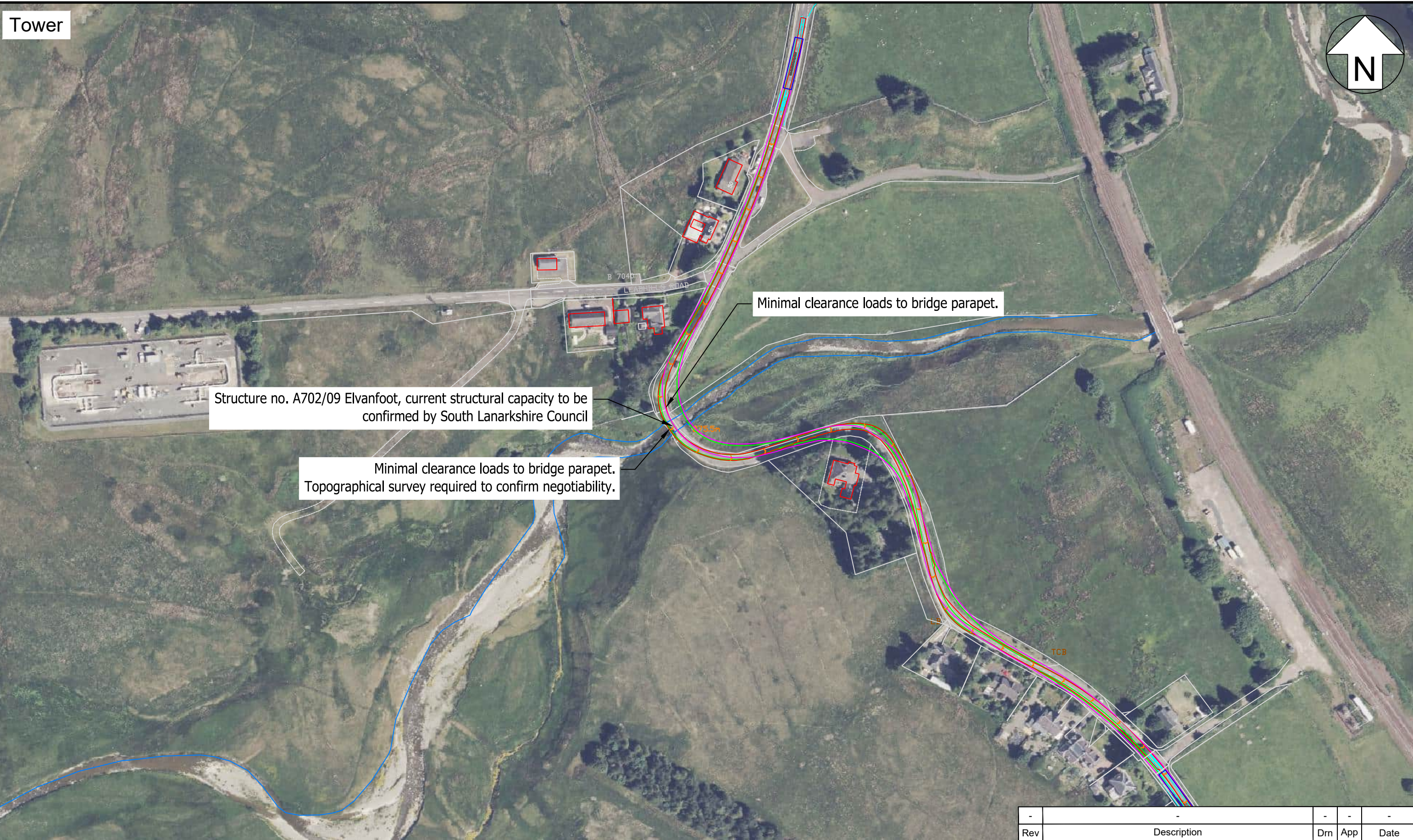


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Project	Watchman		Drawing Title	Siemens SG170 Blades & Towers	
POI	31	SPA Location	A702 / site access junction		
Notes	1. All mitigation is subject to confirmation through a test run. 2. This is not a construction drawing and is intended for illustration purposes only. 3. Do not scale from this drawing.				

Rev	-			Drn	App	Date
Drawn	SJW	Approved	SMcG	Date	10/11/2025	
Status	Draft		Key			
Revision	00		Wheel SPA	Overrun		
Scale	1:1500 @ A3		Body SPA	Oversail		
Drawing No.	10110070 - PF - SPA - 21A					

Tower



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Client **Ramboll**

Project	10110070 Watchman		Drawing Title	Siemens SG170 Blades & Towers	
POI	32	SPA Location	A702/09 Elvanfoot LH bend		
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.				

Rev	-			Drn	App	Date
Drawn	SJW	Approved	SMcG	Date	07/01/2026	
Status	Draft		Key			
Revision	00		Wheel SPA	Overrun		
Scale	1:2000 @ A3		Body SPA	Oversail		
Drawing No.	10110070 - PF - SPA - 22					

Mitigation



Load bearing surface to be laid. Two HV OHL utility poles and one plastic bollard to be removed. Minimal clearance to assumed highway boundary. Land searches and topographical survey required to confirm mitigations.

Minimal clearance loads to bridge parapet.

Structure no. A702/09 Elvanfoot, current structural capacity to be confirmed by South Lanarkshire Council

Minimal clearance loads to bridge parapet. Topographical survey required to confirm negotiability.

Load bearing surface to be laid. Ground works required. Two HV OHL utility poles, four telecoms utility poles, three road signs, three decorative planters, seven plastic bollards; and sections of fence and safety barrier to be removed. Sections of fence, bridge parapet, stone wall; and series of plastic bollards and decorative planters to be oversailed. Clearance to be confirmed during test run. Topographical survey required to confirm mitigations. **Third-party land** required.

Ground works required. Trees to be cleared. Section of fence to be removed. Topographical survey required to confirm mitigations. **Third-party land** required.

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Client **Ramboll**

Project	10110070 Watchman	Drawing Title	Siemens SG170 Blades & Towers
POI	32	SPA Location	A702/09 Elvanfoot LH bend

Notes
 1. All mitigation is subject to confirmation through a test run.
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 3. Do not scale from this drawing.

Rev	-	Description	-	Drn	-	App	-	Date	-
Drawn	SJW	Approved	SMcG	Date	07/01/2026				
Status	Draft		Key						
Revision	00		Wheel SPA	Overrun					
Scale	1:2000 @ A3		Body SPA	Over sail					
			Load SPA	DoT					
			Indicative						
			Drawing No. 10110070 - PF - SPA - 22A						

Appendix C ESDAL Responses

From: Louise Smith On Behalf Of M6 (Abnormal Loads) 006257
Sent: 10 November 2025 11:54
To: Sally Weston
Subject: RE: 10110070 KGV to Watchman Wind Farm SG170 structural feasibility request

Good Morning Sally,

Thank you for your email regarding the above load.

After running these through our system, we have no objections, in relation to the above movements, with regards height & weight but it is up to the haulier to ensure the route is surveyed, in advance, in relation to Swept Path Analysis. Please note that if anything changes with these loads (i.e. tonnages, axle spacings or weights, etc) they must be run through our system again.

However, in order to ensure that you are fully aware of planned road works on our network please provide a contact email address of the haulier to allow our Network Manager to include them in the distribution of our Programme of Intent which will detail where and when planned road works are taking place. The Programme of Intent is issued on a Thursday for the following Monday in advance of planned road works and is subject to review. It should be noted that we will be undertaking major, routine and cyclical maintenance works which will require single lane running at various times throughout the year. As part of these works it is possible that single lane running may be used during the daytime for specialist activities such as principal bridge inspections. Please ensure that lines of communication are maintained by yourselves and our Network Manager when planning these movements.

Lastly, please provide in advance your proposed schedule of planned movements along with any other relevant information in order for us to ensure that no conflicts will arise on our network.

Should you require any further information please do not hesitate in contacting our Project Office on 01576 205200 to discuss any queries you may have.

Regards,

Louise Smith
Technical Assistant
Sir Robert McAlpine Ltd



From: M8DBFO Aloads
Sent: 10 November 2025 11:35
To: Sally Weston
Subject: Re: 10110070 KGV to Watchman Wind Farm SG170 structural feasibility request

"Raith Bridge 0.25 miles south of J5 of the M74
When crossing Raith Bridge 0.25 miles south of J5 of the M74 any vehicle over 100te but not exceeding 150te MUST straddle lanes 1 and 2. No other traffic should be on the bridge at the same time.

10110070 Watchman Wind Farm
Abnormal Indivisible Load Route Survey

From: NW Abnormal Loads Enquiries
Sent: 07 November 2025 14:43
To: Sally Weston
Subject: RE: 10110070 KGV to Watchman Wind Farm SG170 structural feasibility request

Hi Sally

Thank you for your enquiry.

For the vehicle details you have provided, the route you propose will not present any issues for the National Highways network as it currently stands.

Obviously, should the project proceed then there will need to be a full assessment of the entire route using detailed vehicle configuration data.

Regards

Gordon Beattie MILT
Network Planner- Occupancy
North West Region



From: Irene Cartin On Behalf Of Abnormal Loads
Sent: 11 November 2025 09:30
To: Sally Weston
Subject: RE: 10110070 KGV to Watchman Wind Farm SG170 structural feasibility request

Morning Sally,

Transport Scotland would not make comments on this feasibility study. Our operating companies will make these comments on behalf of Transport Scotland.

I note that you have included the operating company and they will be in contact in due course.

Kind Regards
Irene Cartin
Network Administrator
Administration Team Roads Delivery



10110070 Watchman Wind Farm
Abnormal Indivisible Load Route Survey

From: John Card On Behalf Of Abnormal Loads Enquiries
Sent: 14 November 2025 16:59
To: Sally Weston
Subject: AB-79122/JC - RE: 10110070 KGV to Watchman Wind Farm SG170 structural feasibility request - Route enquiry

Good afternoon Sally,

I can confirm we have no objections to your proposed movement. Please note, we regularly inspect and assess our bridges and occasionally we must revise the permitted load carrying capacity, as such I suggest that you contact us again closer to the movement to ensure that our bridges are still adequate. Once the movement dates are set, you will still need to submit an abnormal load notification for the move.

Please note we only check the load carrying capacity of Network Rail owned road over rail bridges affected. We do not check anything else including:

- Load carrying capacity of level crossings
- Clearance to bridge parapets
- Clearance under a rail bridge
- Clearance to overhead wires at level crossings

Kind regards,
John Card
Abnormal Loads Clerk

Abnormal Loads Team
National Records Group

