

Key	
	Common Route
	Route 1
	Route 2
	Collection point
	Point of interest
	Delivery point

M62 15595 Flyboat East Culvert, 4456 Flyboat & 15594 Flyboat West Culvert (approved)

M62 4470 Gravel Pit (approved)

M62 4471 Little Heck Railway (approved)

M62 4473 Carr Drain Culvert (approved)

M62 4476 Finnleys Lane West Culvert (approved)

M62 Jct 34/A19 (SPA complete)

M62 4474 Carr Culvert (approved)

M18 4475 Primrose Lane Culvert (approved)


A19 Blowell (awaiting approval)

A19 Old Lake (awaiting approval)

A19 Lake (awaiting approval)

Rev.	Date	Amendments
0	01/12/22	First issue

Revisions



The Slough, Studley, Warwickshire, B80 7EN  
Tel: +44 (0) 1527 852 408  
e-mail: enquiries@allelys.co.uk

Client: Natural Power

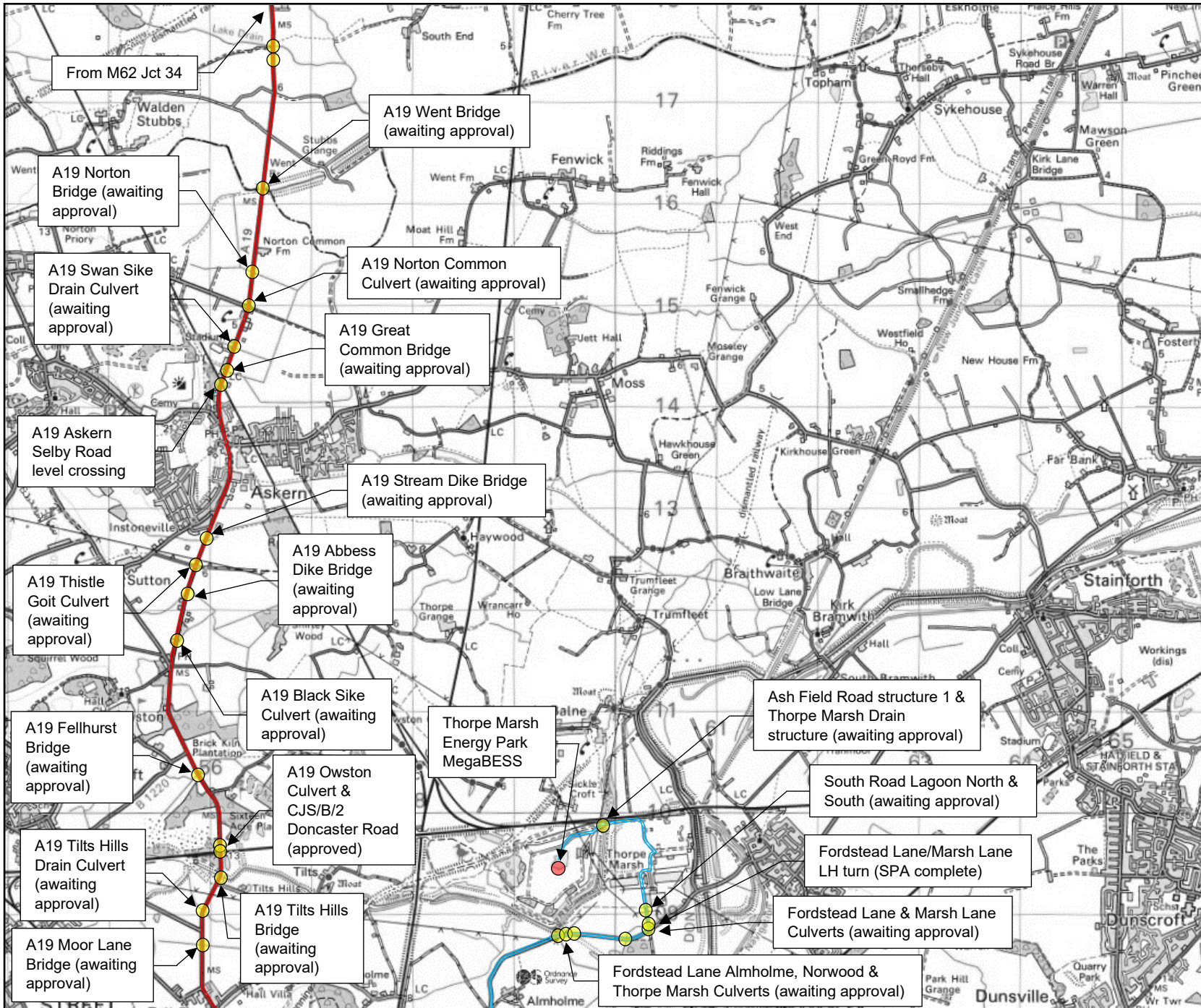
Project: Thorpe Marsh Energy Park

Title: 250 to 400 kV Transformer Goole to Thorpe Marsh

Project no.: A220680

Sheet: 2 of 7      Rev.: 0


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Key	
	Common Route
	Route 1
	Route 2
	Collection point
	Point of interest
	Delivery point

Rev.	Date	Amendments
1	06/12/22	Aligned with key
0	01/12/22	First issue

Revisions



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Client: Natural Power

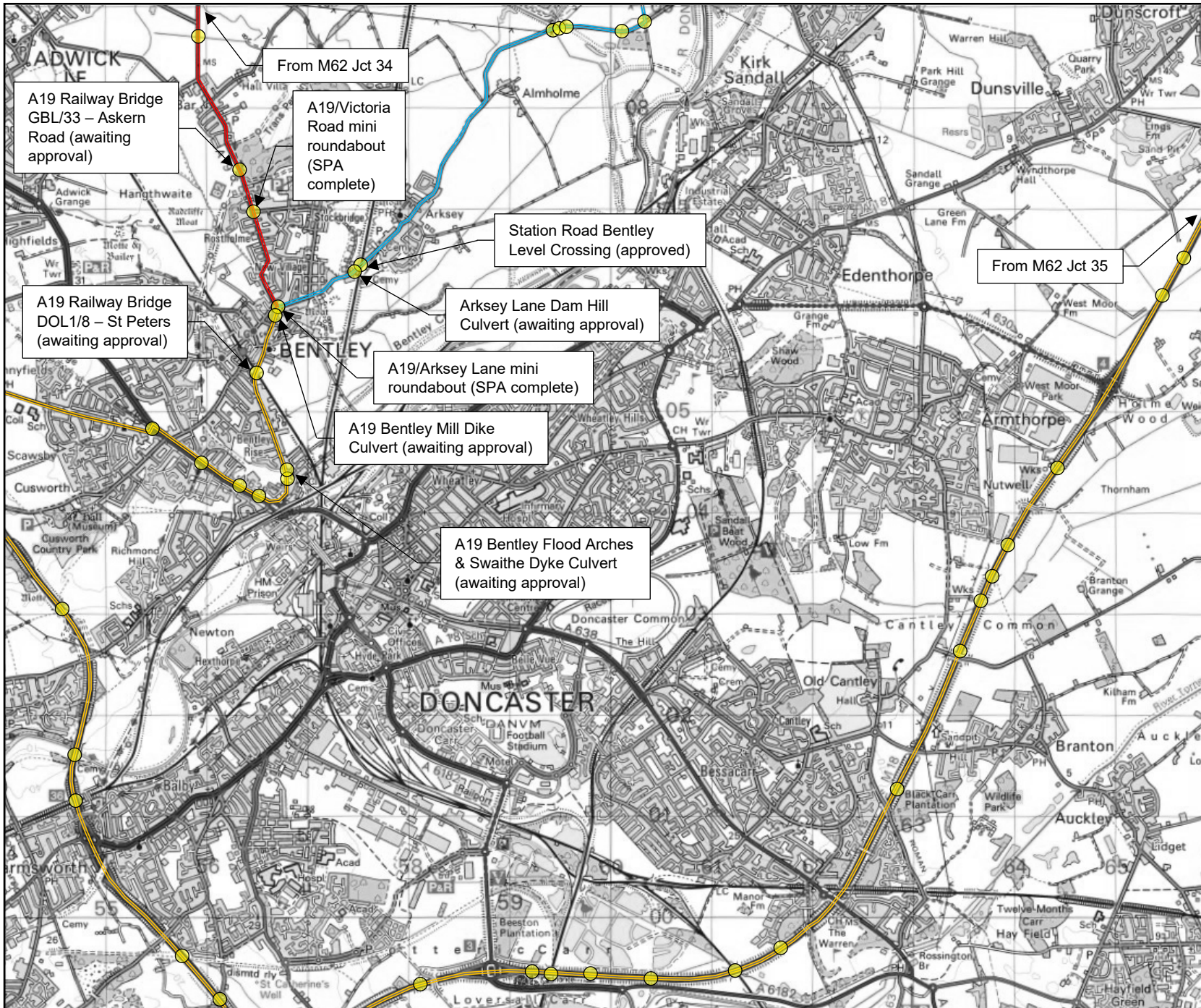
Project: Thorpe Marsh Energy Park

Title: 250 to 400 kV Transformer Goole to Thorpe Marsh

Project no.: A220680

Sheet: 3 of 7      Rev.: 1

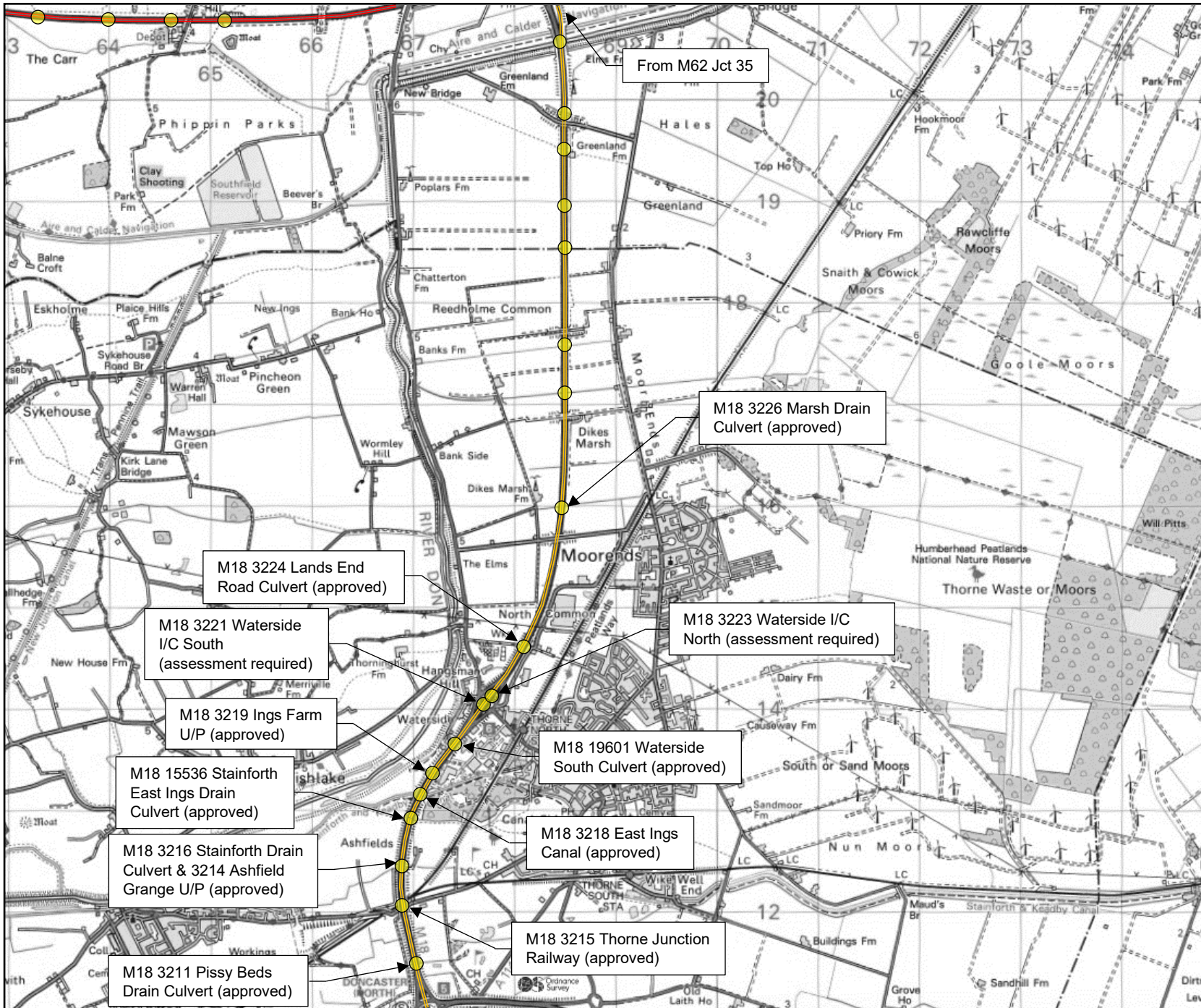
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Key	
	Common Route
	Route 1
	Route 2
	Collection point
	Point of interest
	Delivery point

0	02/12/22	First issue
Rev.	Date	Amendments
Revisions		
		The Slough, Studley, Warwickshire, B80 7EN Tel: +44 (0) 1527 852 408 e-mail: enquiries@allelys.co.uk
Client	Natural Power	
Project	Thorpe Marsh Energy Park	
Title	250 to 400 kV Transformer Goole to Thorpe Marsh	
Project no.	A220680	
Sheet	4 of 7	Rev. 0

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Key	
	Common Route
	Route 1
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	Collection point
	Point of interest
	Delivery point

0	02/12/22	First issue
Rev.	Date	Amendments

Revisions



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e-mail: enquiries@allelys.co.uk

Client **Natural Power**

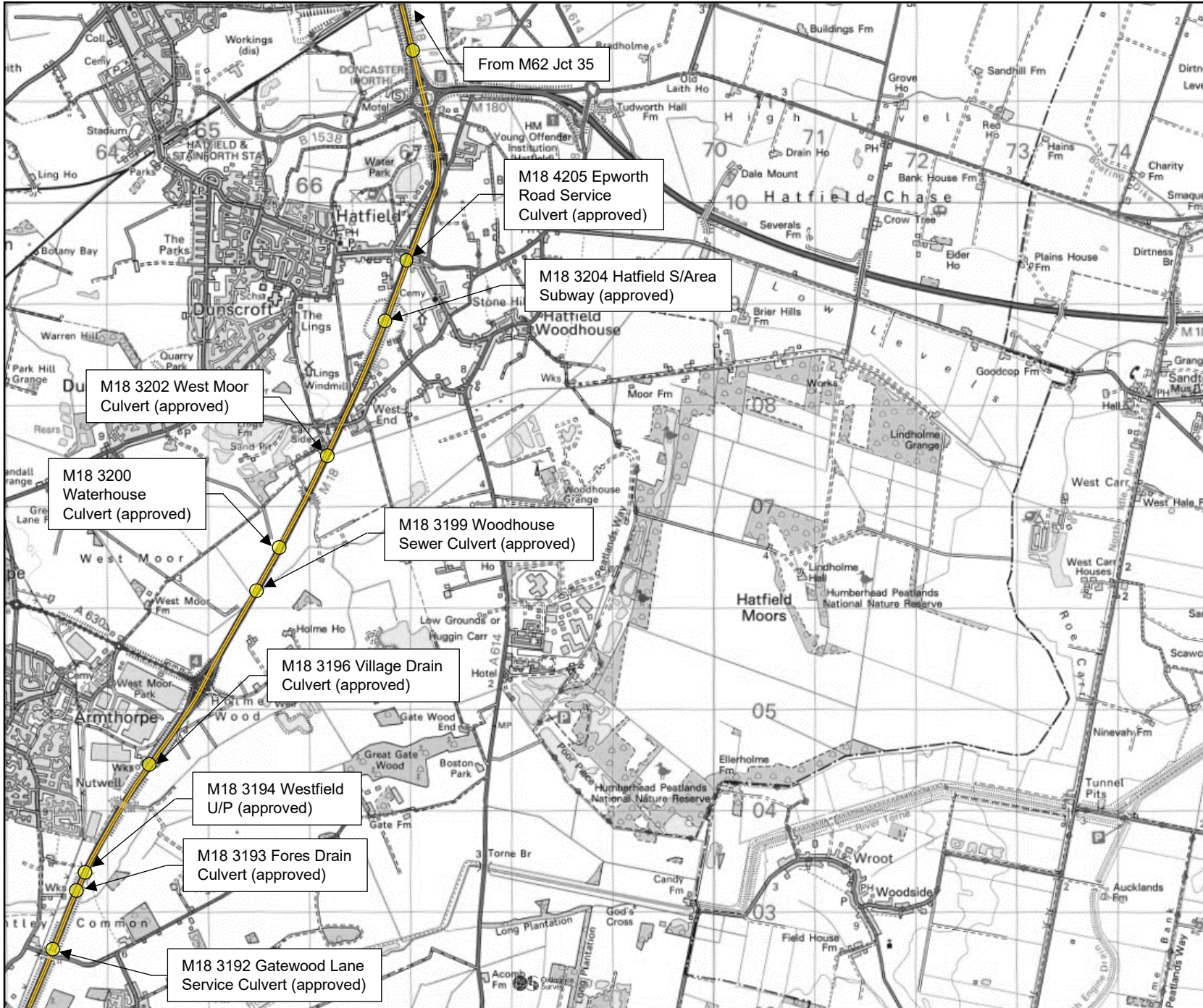
Project **Thorpe Marsh Energy Park**

Title **250 to 400 kV Transformer  
Goole to Thorpe Marsh**

Project no. **A220680**

Sheet **5 of 7** Rev. **0**

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Key	
	Common Route
	Route 1
	Route 2
	Collection point
	Point of interest
	Delivery point

Rev.	Date	Amendments
0	02/12/22	First issue

Revisions



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Warwickshire,  
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Tel: +44 (0) 1527 852 408  
e-mail: enquiries@allelys.co.uk

Client: **Natural Power**

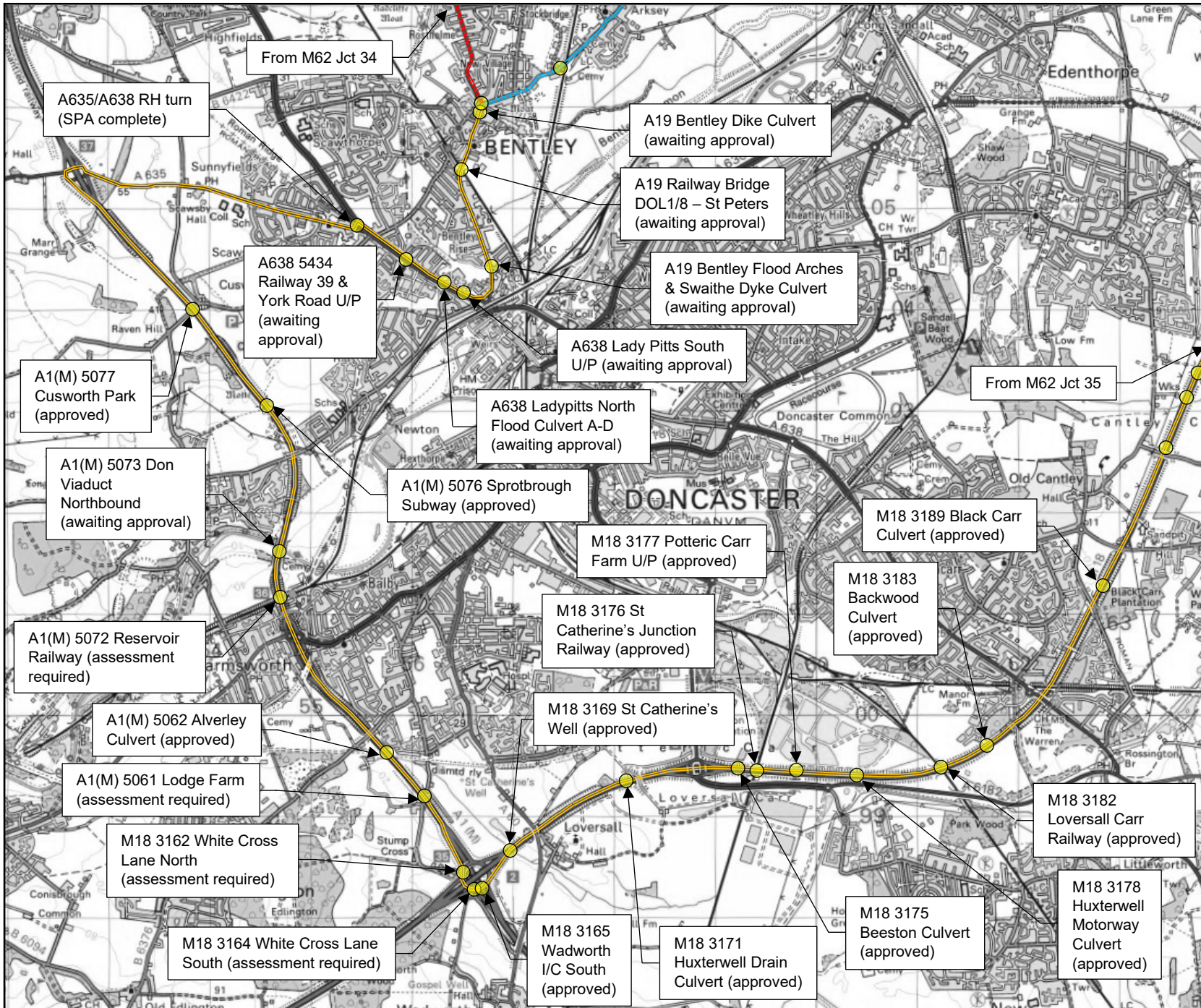
Project: **Thorpe Marsh Energy Park**

Title: **250 to 400 kV Transformer  
Goole to Thorpe Marsh**

Project no.: **A220680**

Sheet: **6 of 7**      Rev.: **0**


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Key	
	Common Route
	Route 1
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	Collection point
	Point of interest
	Delivery point

0	02/12/22	First issue
Rev.	Date	Amendments

Revisions



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e-mail: enquiries@allelys.co.uk

Client **Natural Power**

Project **Thorpe Marsh Energy Park**

Title **250 to 400 kV Transformer  
Goole to Thorpe Marsh**

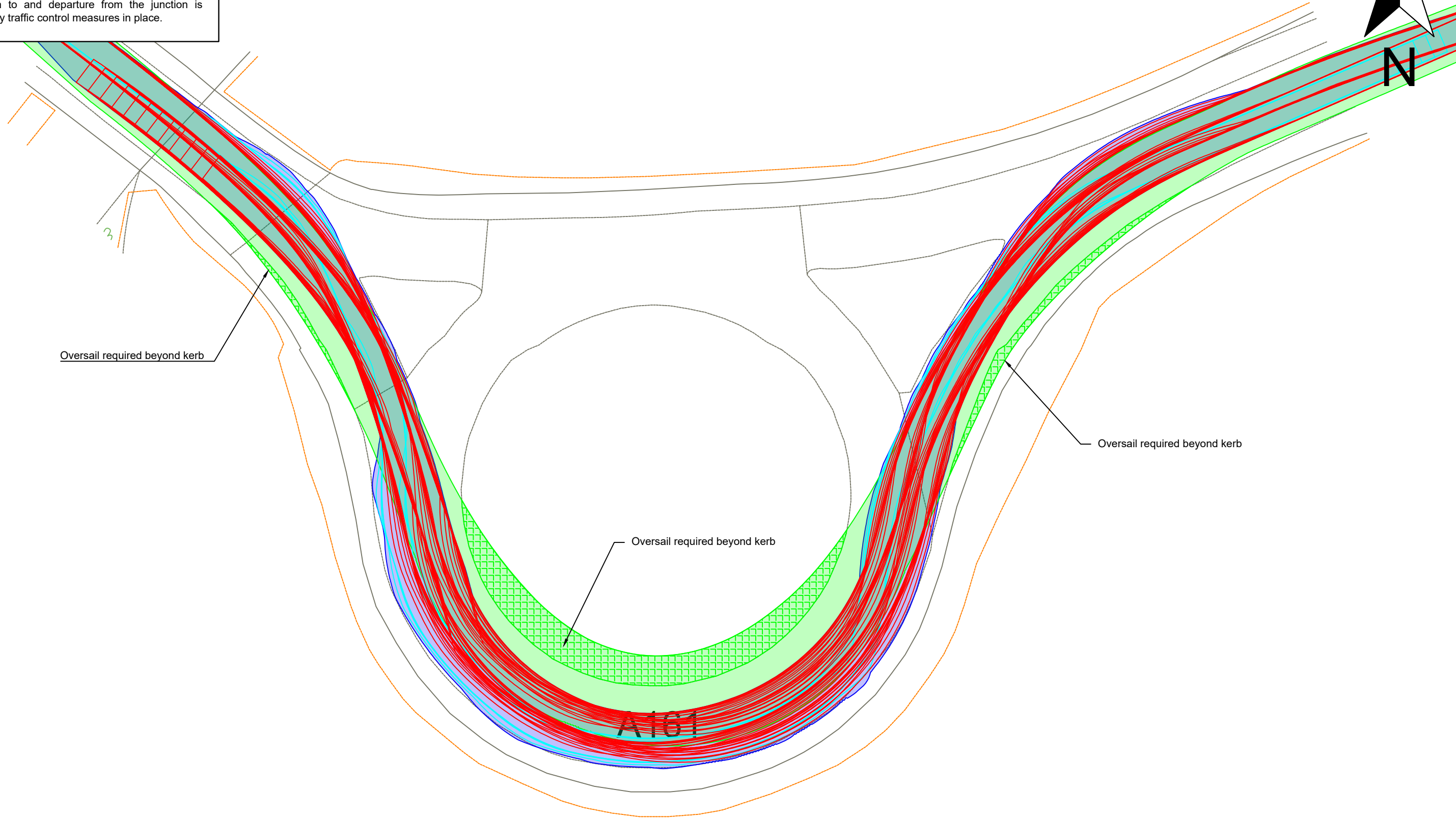
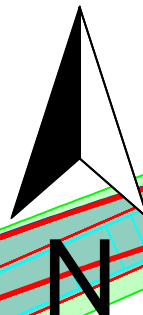
Project no. **A220680**

Sheet **7 of 7** Rev. **0**

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**TRACKING CONCLUSION**

It can be seen that the A191 Normandy Way roundabout is negotiable for the 24 axle girder frame when travelling straight on. Oversail is required beyond the nearside kerb on entry to and exit from the roundabout along with over the roundabout island, however, no items of street furniture have been noted within these areas and so conflict is not expected. Full occupation of the roundabout and carriageway on approach to and departure from the junction is required with the necessary traffic control measures in place.



**PLAN VIEW**

(1:400)

**DRAWING NOTES:**  
 1. All dimensions are in mm unless otherwise stated  
 2. All details are provisional and are subject to confirmation

**TECHNICAL NOTES:**  
 1. Approximate grid reference of location SE 738 229.

**KEY:**

- Trailer Wheel Trace
- Tractor Wheel Trace
- Tractor/Trailer Swept Area
- Load Swept Area
- Overrun and Oversail Area Beyond Kerb
- Oversail Area Beyond Kerb
- Overrun Area Beyond Kerb

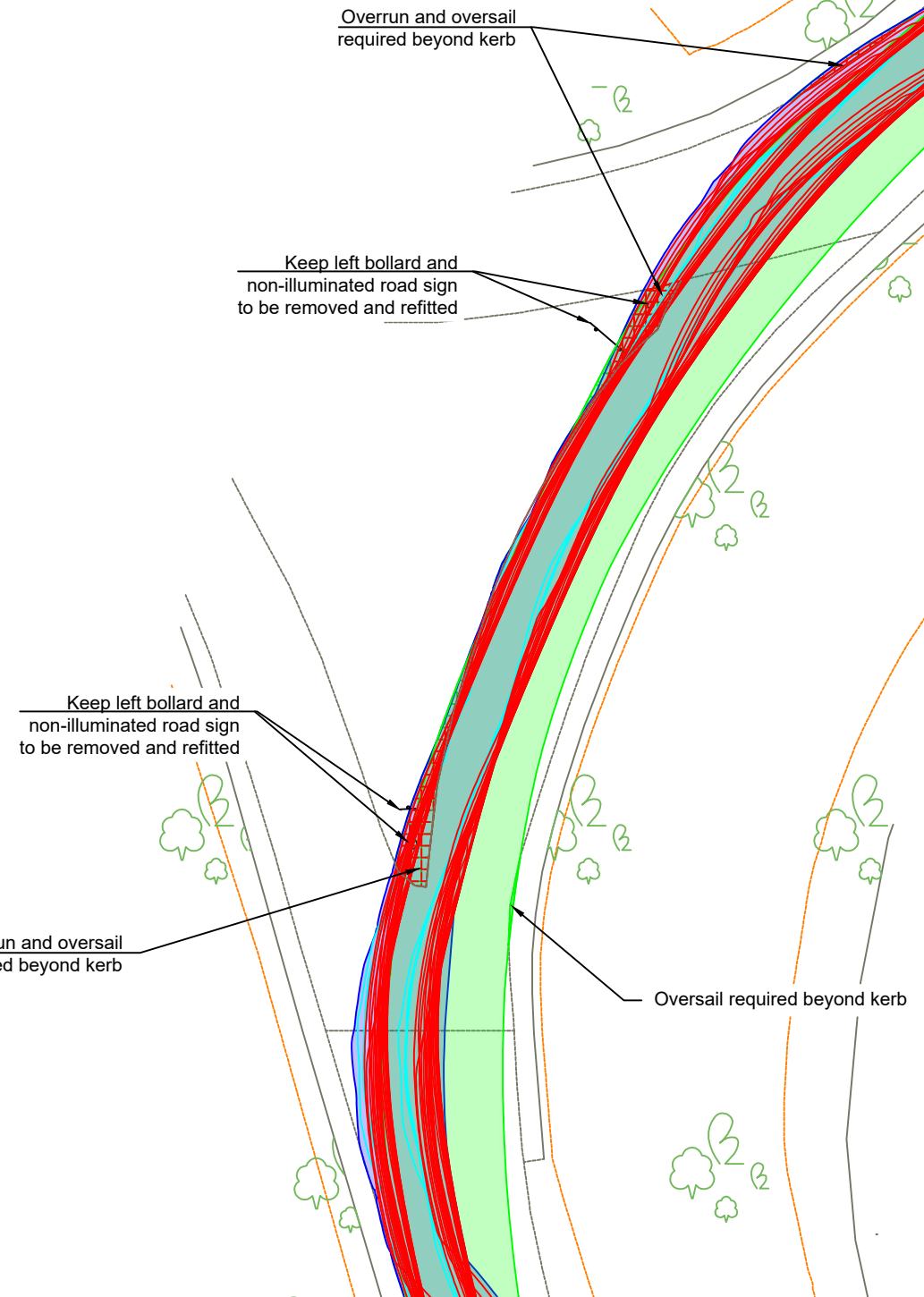
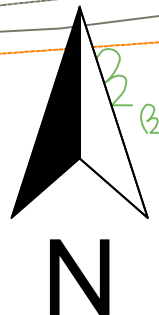
Rev.	Date	Drawn	Checked	Amendments
0	29/11/22	MJC	SJW	Issued for Comment
Revisions				
DO NOT SCALE		IF IN DOUBT ASK		



Client: Natural Power			
Project: Thorpe Marsh Energy Park MegaBESS 400 kV Transformer			
Title: 24 Axle Faktor 5.5 HBG Girder Frame Trailer with 250 te Transformer Swept Path Analysis - A191 Normandy Way Roundabout			
Scale (A3): As shown	Drawn: MJC	Checked: SJW	
Dwg. No: ALL-SPA-A220680-01	Sheet: 1 of 1	Revision: 0	

**TRACKING CONCLUSION**

It can be seen that in order for the 24 axle girder frame to exit M62 west and join A19 south at junction 34 overrun and oversail is required onto the roundabout island and exit splitter island. Temporary steel plating or aluminium trackway will be required in the overrun areas. 2 no. keep left bollards and 2 no. non-illuminated road signs have been identified within the exit splitter island overrun area that are to be removed and refitted to facilitate the vehicle. Full occupation of the roundabout and carriageway on approach to and departure from the junction is required with the necessary traffic control measures in place.



PLAN VIEW  
(1:400)

**DRAWING NOTES:**  
 1. All dimensions are in mm unless otherwise stated  
 2. All details are provisional and are subject to confirmation

**TECHNICAL NOTES:**  
 1. Approximate grid reference of location SE 559 221.

**KEY:**

- Trailer Wheel Trace
- Tractor Wheel Trace
- Tractor/Trailer Swept Area
- Load Swept Area
- Overrun and Oversail Area Beyond Kerb
- Oversail Area Beyond Kerb
- Overrun Area Beyond Kerb

Rev.	Date	Drawn	Checked	Amendments
0	02/12/22	MJC	SJW	Issued for Comment
Revisions				

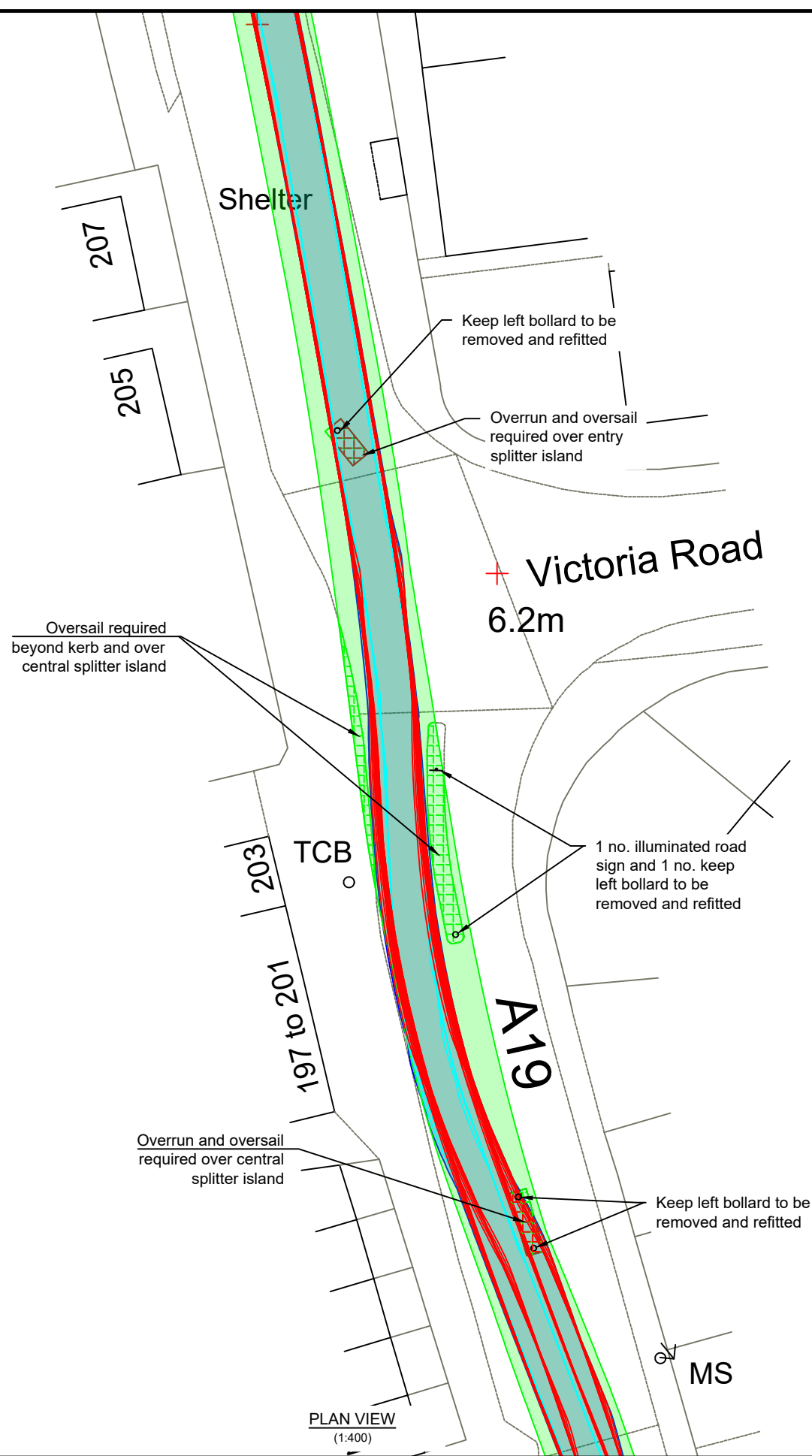
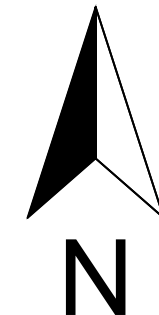
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Client		Natural Power		
Project		Thorpe Marsh Energy Park MegaBESS 400 kV Transformer		
Title		24 Axle Faktor 5.5 HBG Girder Frame Trailer with 250 te Transformer Swept Path Analysis - M62 Jct 34 A19 Selby Road		
Scale (A3)	As shown	Drawn	MJC	Checked SJW
Dwg. No.	ALL-SPA-A220680-02	Sheet	1 of 1	Revision 0



**TRACKING CONCLUSION**

It can be seen that the A19/Victoria Road roundabout is negotiable for the 24 axle girder frame when travelling straight on. Overrun and oversail is required over the entry splitter island and a central splitter island beyond the roundabout. Temporary steel plating or aluminium trackway required to facilitate overrun. Oversail is also required beyond the offside kerb at the roundabout along with over the exit splitter island. 1 no. illuminated road sign and 4 no. keep left bollards to be removed and refitted to facilitate the vehicle. Full occupation of the roundabout and carriageway on approach to and departure from the junction is required with the necessary traffic control measures in place.



**DRAWING NOTES:**  
 1. All dimensions are in mm unless otherwise stated  
 2. All details are provisional and are subject to confirmation

**TECHNICAL NOTES:**  
 1. Approximate grid reference of location SE 738 229.

- KEY:**
- Trailer Wheel Trace
  - Tractor Wheel Trace
  - Tractor/Trailer Swept Area
  - Load Swept Area
  - Overrun and Oversail Area Beyond Kerb
  - Oversail Area Beyond Kerb
  - Overrun Area Beyond Kerb

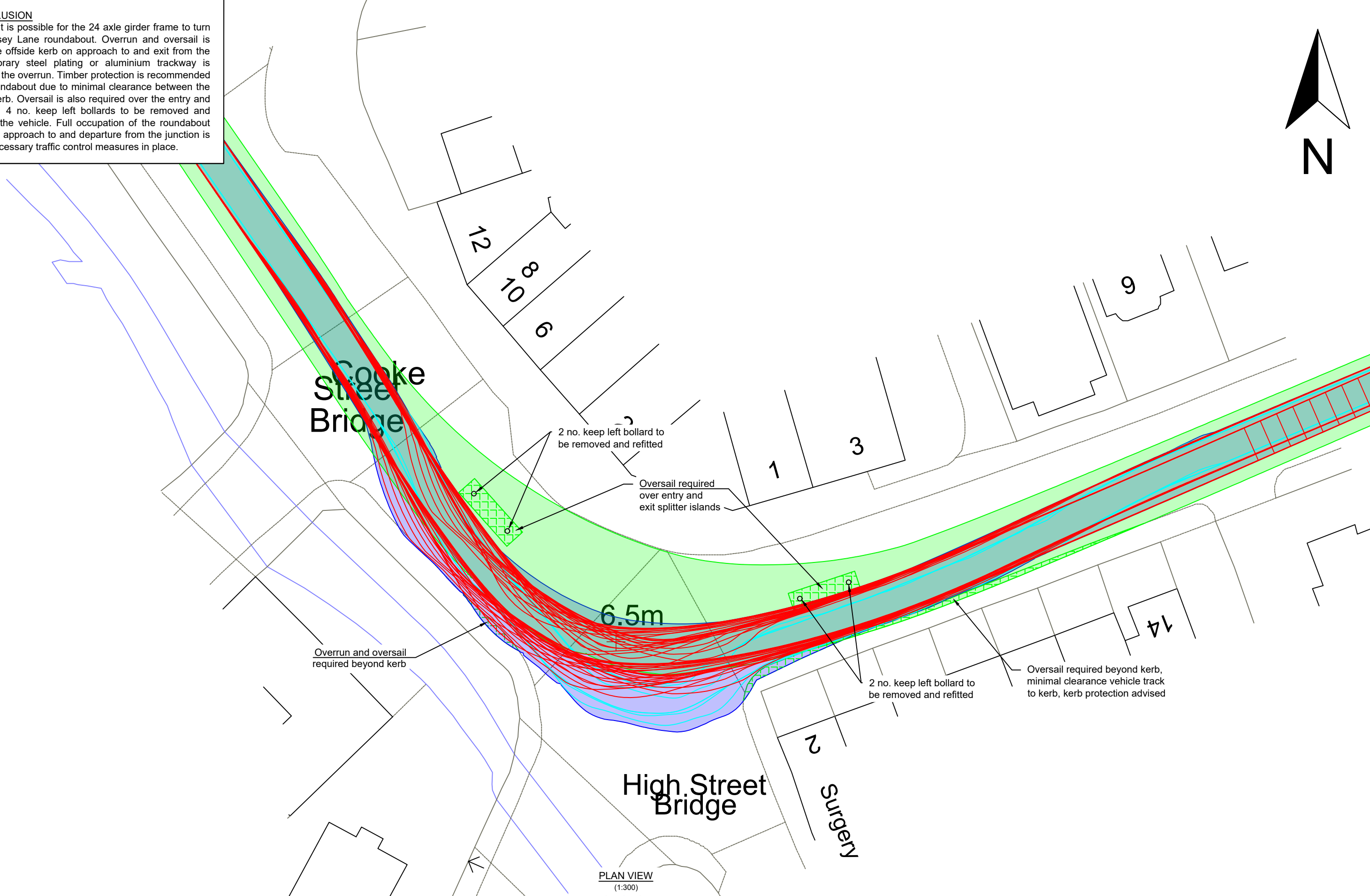
Rev.	Date	Drawn	Checked	Amendments
0	29/11/22	MJC	SJW	Issued for Comment



Client		Natural Power	
Project		Thorpe Marsh Energy Park MegaBESS 400 kV Transformer	
Title		24 Axle Faktor 5.5 HBG Girder Frame Trailer with 250 te Transformer Swept Path Analysis - A19/Victoria Road Roundabout	
Scale (A3)	As shown	Drawn	MJC
		Checked	SJW
Dwg. No.	ALL-SPA-A220680-03	Sheet	1 of 1
		Revision	0

**TRACKING CONCLUSION**

It can be seen that it is possible for the 24 axle girder frame to turn left at the A19/Arksey Lane roundabout. Overrun and oversail is required beyond the offside kerb on approach to and exit from the roundabout. Temporary steel plating or aluminium trackway is required to facilitate the overrun. Timber protection is recommended on exit from the roundabout due to minimal clearance between the vehicle track and kerb. Oversail is also required over the entry and exit splitter islands. 4 no. keep left bollards to be removed and refitted to facilitate the vehicle. Full occupation of the roundabout and carriageway on approach to and departure from the junction is required with the necessary traffic control measures in place.



PLAN VIEW  
(1:300)

**DRAWING NOTES:**  
 1. All dimensions are in mm unless otherwise stated  
 2. All details are provisional and are subject to confirmation

**TECHNICAL NOTES:**  
 1. Approximate grid reference of location SE 567 060.

- KEY:**
- Trailer Wheel Trace
  - Tractor Wheel Trace
  - Tractor/Trailer Swept Area
  - Load Swept Area
  - Overrun and Oversail Area Beyond Kerb
  - Oversail Area Beyond Kerb
  - Overrun Area Beyond Kerb

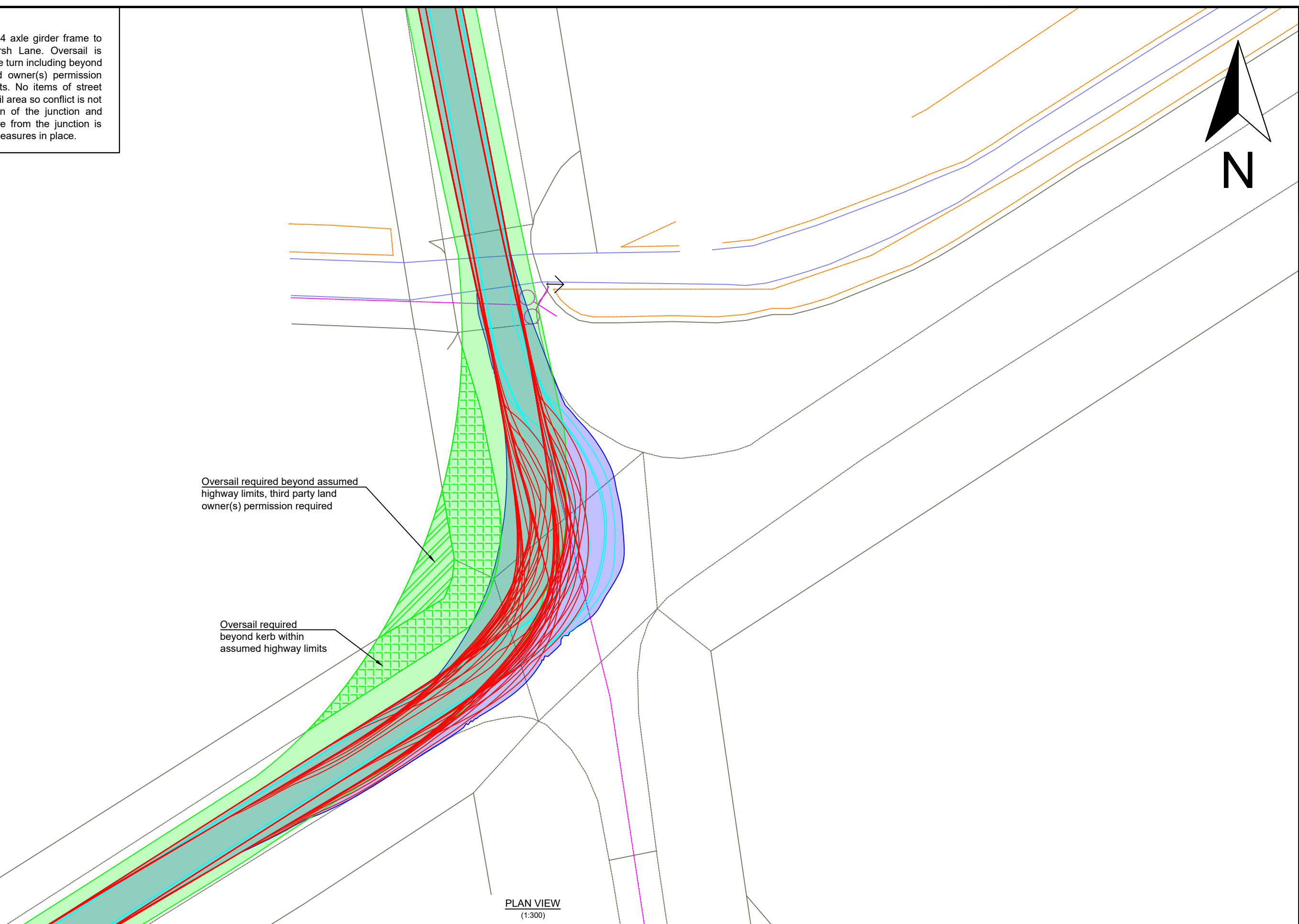
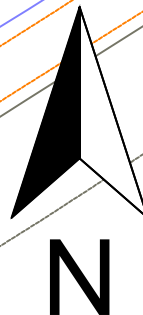
Rev.	Date	Drawn	Checked	Amendments
0	30/11/22	MJC	SJW	Issued for Comment
Revisions				
		DO NOT SCALE		IF IN DOUBT ASK



Client		Natural Power		
Project		Thorpe Marsh Energy Park MegaBESS 400 kV Transformer		
Title		24 Axle Faktor 5.5 HBG Girder Frame Trailer with 250 te Transformer Swept Path Analysis - Left Turn A19/Arksey Lane Roundabout		
Scale (A3)	As shown	Drawn	MJC	Checked SJW
Dwg. No.	ALL-SPA-A220680-04	Sheet	1 of 1	Revision 0

**TRACKING CONCLUSION**

It can be seen that it is possible for the 24 axle girder frame to turn left from Fordstead Lane onto Marsh Lane. Oversail is required beyond the kerb to the inside of the turn including beyond assumed highway limits. Third party land owner(s) permission required for oversail beyond highway limits. No items of street furniture have been noted within the oversail area so conflict is not expected with the vehicle. Full occupation of the junction and carriageway on approach to and departure from the junction is required with the necessary traffic control measures in place.



Oversail required beyond assumed highway limits, third party land owner(s) permission required

Oversail required beyond kerb within assumed highway limits

PLAN VIEW  
(1:300)

**DRAWING NOTES:**  
 1. All dimensions are in mm unless otherwise stated  
 2. All details are provisional and are subject to confirmation

**TECHNICAL NOTES:**  
 1. Approximate grid reference of location SE 603 088.

- KEY:**
- Trailer Wheel Trace
  - Tractor Wheel Trace
  - Tractor/Trailer Swept Area
  - Load Swept Area
  - Overrun and Oversail Area Beyond Kerb
  - Oversail Area Beyond Kerb
  - Overrun Area Beyond Kerb
  - Oversail Area Beyond Assumed Highway Limits

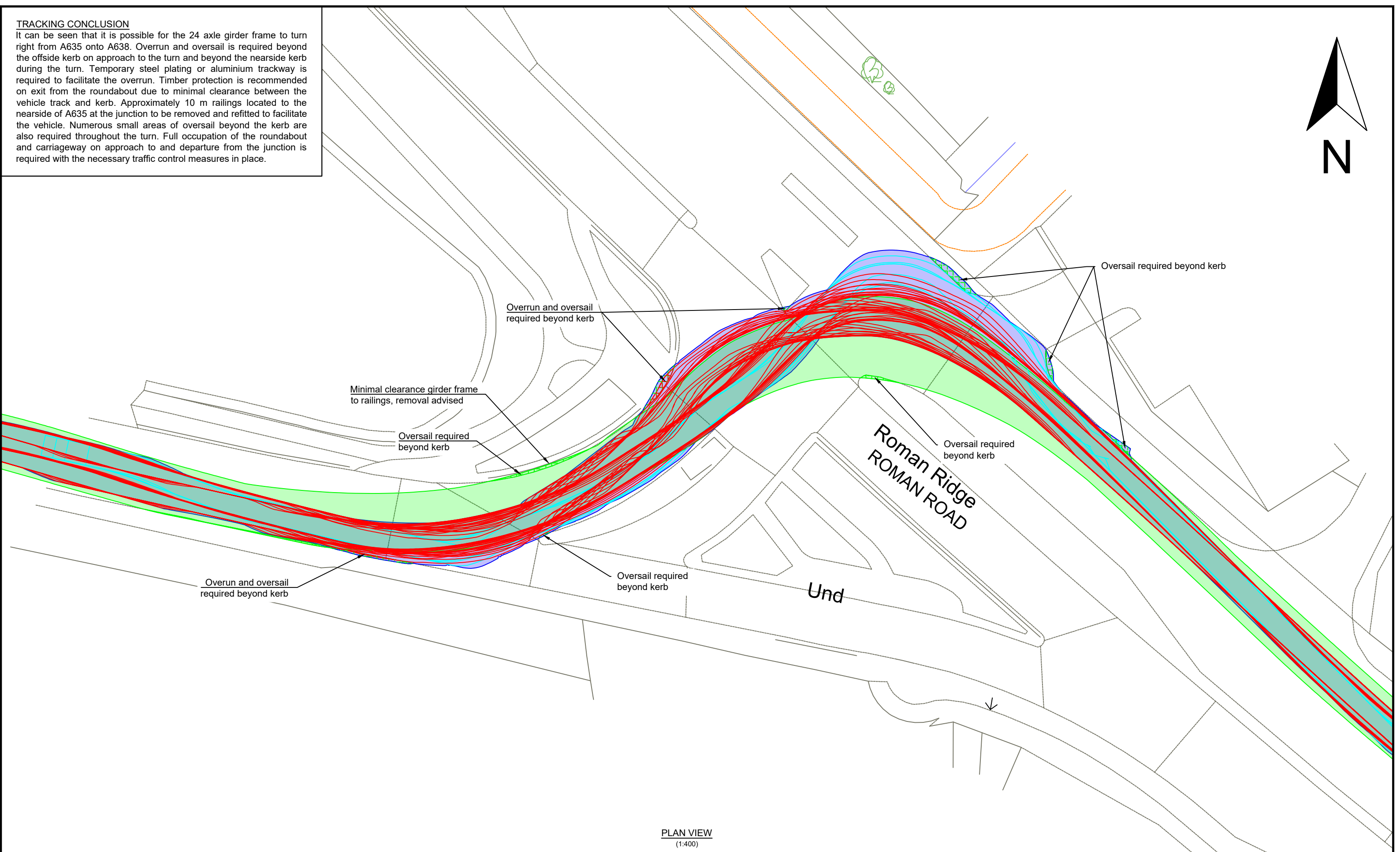
Rev.	Date	Drawn	Checked	Amendments
0	30/11/22	MJC	SJW	Issued for Comment



Client		Natural Power	
Project		Thorpe Marsh Energy Park MegaBESS 400 kV Transformer	
Title		24 Axle Faktor 5.5 HBG Girder Frame Trailer with 250 te Transformer Swept Path Analysis - Left Turn Fordstead Lane/Marsh Lane	
Scale (A3)	As shown	Drawn	MJC
		Checked	SJW
Dwg. No.	ALL-SPA-A220680-05	Sheet	1 of 1
		Revision	0

**TRACKING CONCLUSION**

It can be seen that it is possible for the 24 axle girder frame to turn right from A635 onto A638. Overrun and oversail is required beyond the offside kerb on approach to the turn and beyond the nearside kerb during the turn. Temporary steel plating or aluminium trackway is required to facilitate the overrun. Timber protection is recommended on exit from the roundabout due to minimal clearance between the vehicle track and kerb. Approximately 10 m railings located to the nearside of A635 at the junction to be removed and refitted to facilitate the vehicle. Numerous small areas of oversail beyond the kerb are also required throughout the turn. Full occupation of the roundabout and carriageway on approach to and departure from the junction is required with the necessary traffic control measures in place.



**PLAN VIEW**  
(1:400)

**DRAWING NOTES:**  
1. All dimensions are in mm unless otherwise stated  
2. All details are provisional and are subject to confirmation

**TECHNICAL NOTES:**  
1. Approximate grid reference of location SE 555 047.

- KEY:**
- Trailer Wheel Trace
  - Tractor Wheel Trace
  - Tractor/Trailer Swept Area
  - Load Swept Area
  - Overrun and Oversail Area Beyond Kerb
  - Oversail Area Beyond Kerb
  - Overrun Area Beyond Kerb

Revisions				
Rev.	Date	Drawn	Checked	Amendments
0	30/11/22	MJC	SJW	Issued for Comment



Client		Natural Power		
Project		Thorpe Marsh Energy Park MegaBESS 400 kV Transformer		
Title		24 Axle Faktor 5.5 HBG Girder Frame Trailer with 250 te Transformer Swept Path Analysis - Right Turn A635/A638		
Scale (A3)	As shown	Drawn	MJC	Checked SJW
Dwg. No.	ALL-SPA-A220680-06	Sheet	1 of 1	Revision 0