

MEDIUM

- LOAD OVERSAIL
- VEHICLE OVERSAIL
- VEHICLE OUTLINE
- VEHICLE WHEEL OVERRUN

FOR INFORMATION

REV	DESCRIPTION	BY	DATE
A	FOR INFORMATION	RA	18.09.23
B	FOR INFORMATION	RA	17.11.23
C	FOR INFORMATION	RA	19.07.24

NOTES:

- DO NOT SCALE. ALL MEASUREMENTS AND COORDINATES TO BE CHECKED ON SITE.
- ALL MAPPING INFORMATION TO BE CHECKED ON SITE PRIOR TO COMMENCEMENT OF WORKS.
- INDICATIVE VEHICLE MODELS ARE DESIGNED USING TECHNICAL SPECIFICATIONS. RESULTS SHOULD BE REVIEWED BY HAULIER, INCLUDING A DRY RUN ON SITE, PRIOR TO COMMENCEMENT ON SITE.
- VERTICAL CLEARANCE HAS BEEN INFORMED VIA DESKTOP STUDY AND SITE VISIT ONLY. CONFIRMATION REQUIRED PRIOR TO COMMENCEMENT OF WORKS.
- THIRD PARTY LAND TO BE CONFIRMED THROUGH LAND OWNERSHIP VIA TOPOGRAPHICAL SURVEY

LEGEND

- █ LOAD OVERSAIL WITHIN ASSUMED HIGHWAY BOUNDARY.
- █ VEHICLE OVERRUN WITHIN ASSUMED HIGHWAY BOUNDARY
- █ OVERSAIL / OVERRUN OF ASSUMED 3RD PARTY LAND.
- + PHOTOGRAPH LOCATION AND DIRECTION.

DATE: 06/06/2024
 FILE LOCATION: C:\USERS\LEWIS\MURREN\MEINHARDT\UK\TDL\UK PROJECTS - GENERAL\4130 - BLAIR HILL WIND FARM\1. MHT\TRANSPORT\DRAWINGS\DRAWINGS\4130-MHT-MI-XX-DR-0001-0031_240622.DWG
 ISO A1 841mm x 594mm

119.4m

119.7m

REMOVAL OF CENTRAL RESERVATION SIGNS IN PREPARATION FOR VEHICLES

REMOVAL OF CENTRAL RESERVATION SIGNS IN PREPARATION FOR VEHICLES



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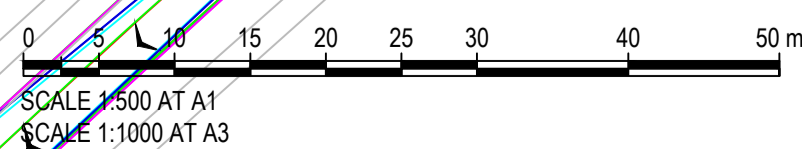
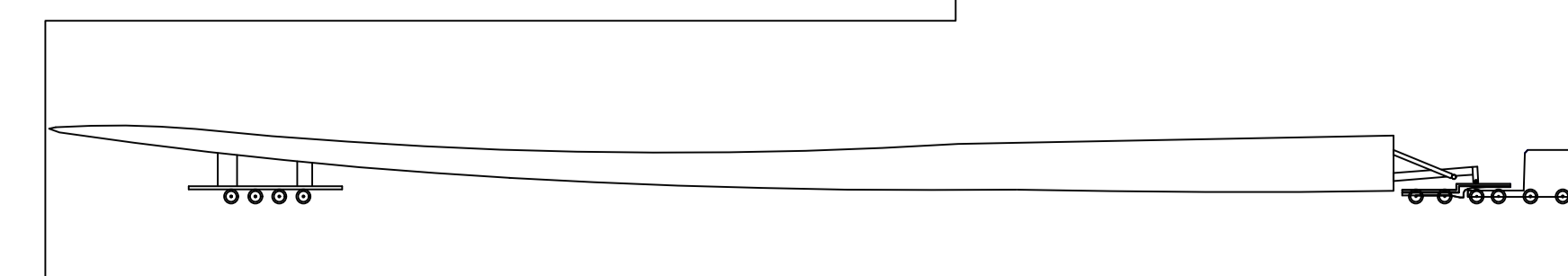
PROJECT
BLAIR HILL WIND FARM

CLIENT
RES

TITLE
**ABNORMAL LOAD ASSESSMENT
 SWEEP PATH ANALYSIS
 SG170 BLADE COMPONENT- NO. 15 & 16**

DISCIPLINE			SCALE
MOBILITY & INFRASTRUCTURE			1:500
DRAWN	DESIGNED	CHECKED	APPROVED
RA	RA	KMCK	CR
DRAWING No			ISSUE
4130-MHT-MI-XX-DR-0015			C

SG170 Turbine Component Transporter	91.045m
Overall Length	4.770m
Overall Width	4.900m
Overall Body Height	0.195m
Min Body Ground Clearance	2.550m
Max Track Width	6.005
Lock to lock time	9.800m
Wait to Wait Turning Radius	83.40m
Blade Length	4.500m
Blade Width or Diameter	3.400m
Blade Height or Diameter	



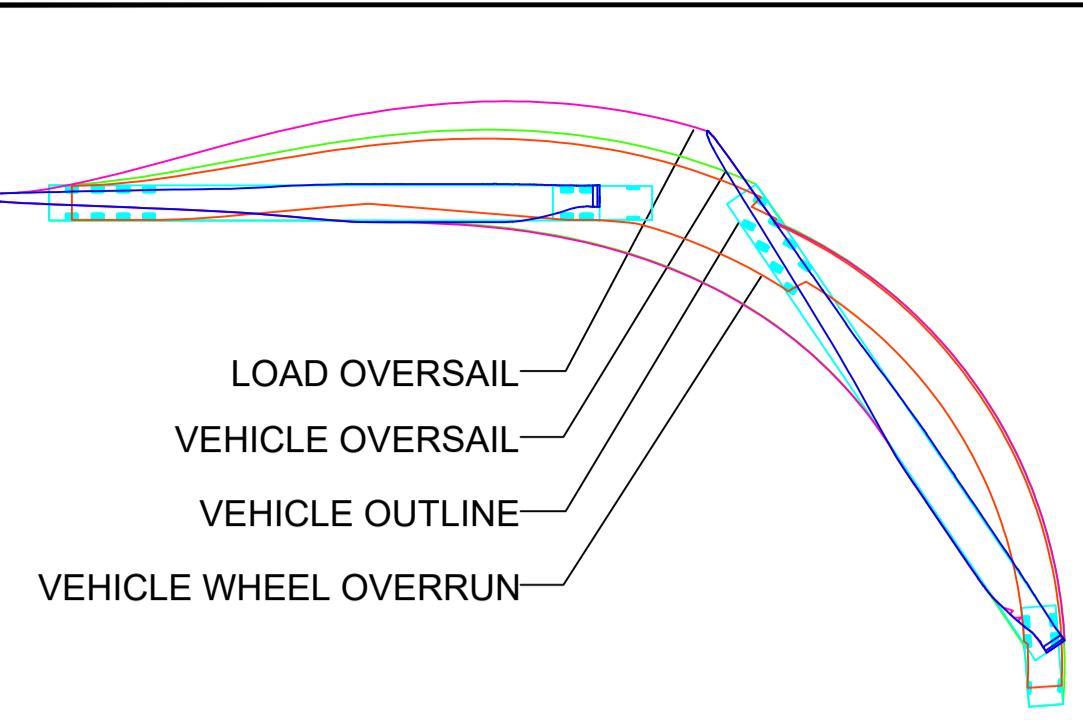
ISO A1 841mm x 594mm

DATE: 06/06/2024
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LEGEND

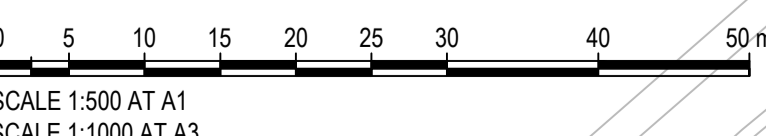
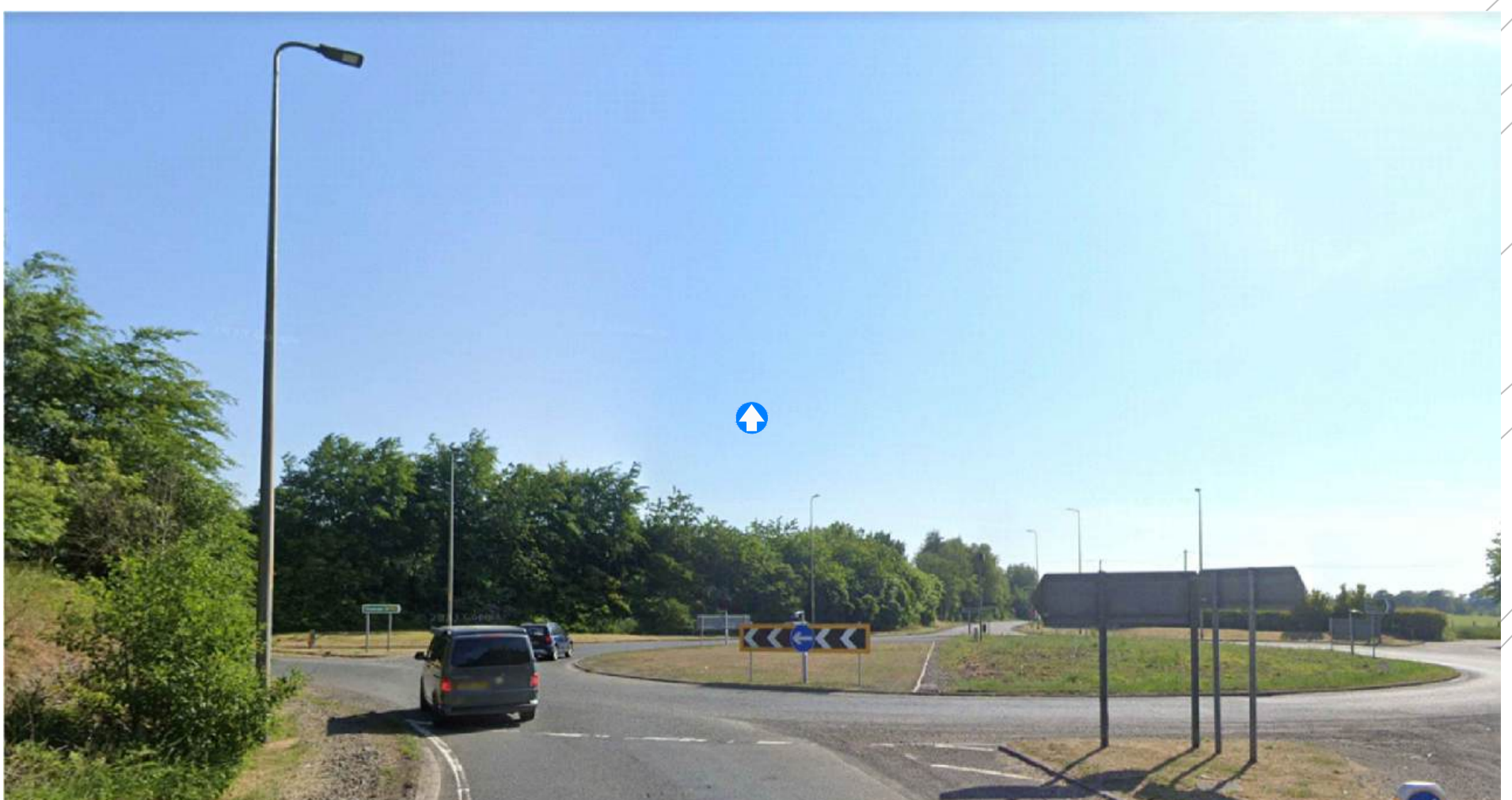
- LOAD OVERSAIL WITHIN ASSUMED HIGHWAY BOUNDARY.
- VEHICLE OVERRUN WITHIN ASSUMED HIGHWAY BOUNDARY
- OVERSAIL / OVERRUN OF ASSUMED 3RD PARTY LAND.
- PHOTOGRAPH LOCATION AND DIRECTION.

REMOVAL OF CHEVRON SIGNS.
EXISTING PREPARED AREA TO
BE UTILISED FOR OVERSAIL
SUBJECT TO INSPECTION
DURING DRY RUN

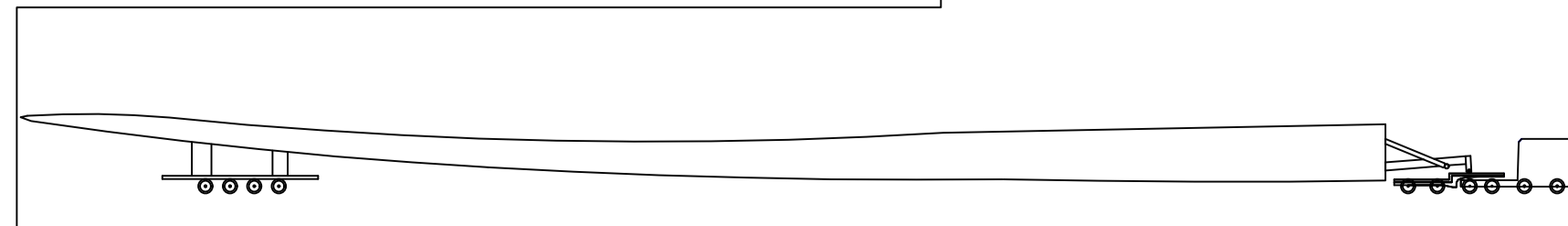
REMOVAL OF STREET
FURNITURE: LIGHTING
COLUMNS.
SAFETY BARRIER
CLEARANCE TO BE
CONFIRMED

EARTHWORK MEASURES
MAY BE REQUIRED TO
PROVIDE GROUND
CLEARANCE ON
ROUNDBOUT

53.3m



SG170 Turbine Component Transporter	91.045m
Overall Length	4.770m
Overall Width	4.900m
Overall Body Height	0.195m
Min Body Ground Clearance	2.550m
Max Track Width	6.006
Lock to lock time	9.800m
Wall to Wall Turning Radius	83.40m
Blade Length	4.500m
Blade Width or Diameter	3.400m
Blade Height or Diameter	



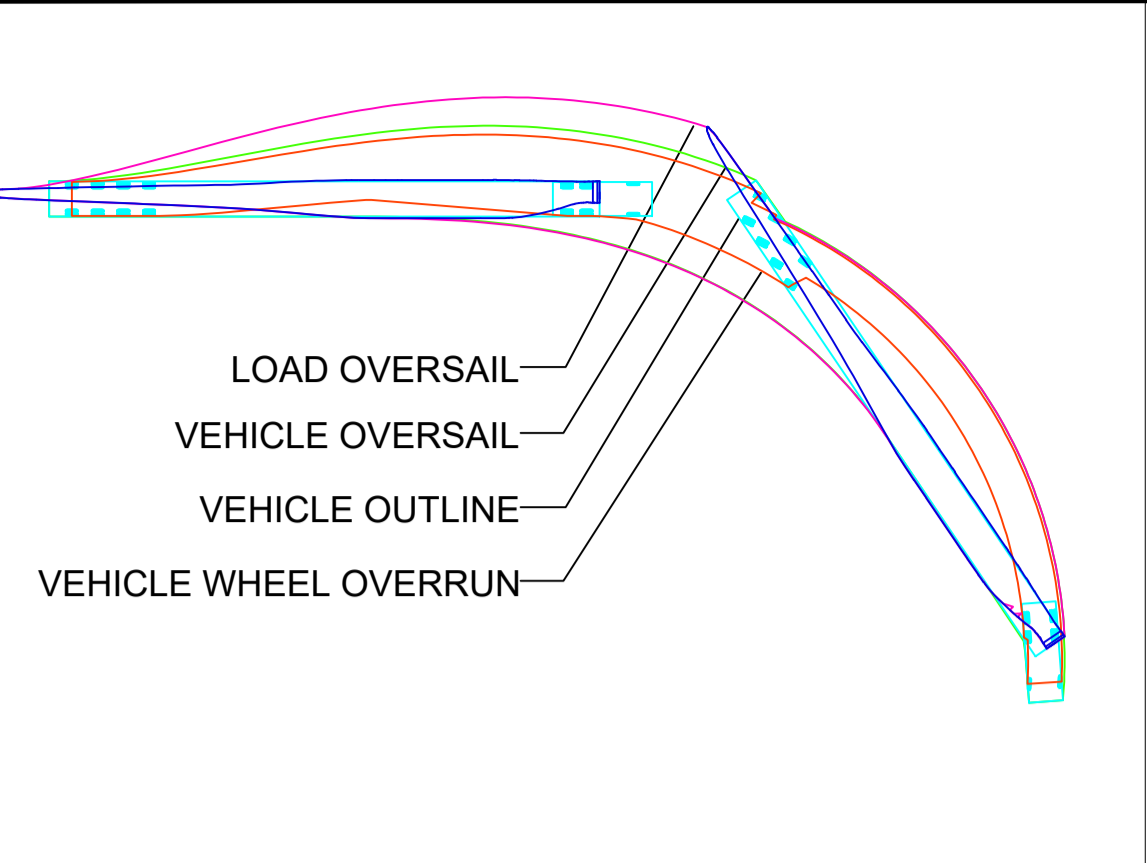
PROJECT
BLAIR HILL WIND FARM

CLIENT
RES

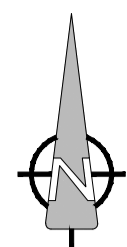
TITLE
**ABNORMAL LOAD ASSESSMENT
SWEEP PATH ANALYSIS
SG170 BLADE COMPONENT- NO. 18**

DISCIPLINE			SCALE
MOBILITY & INFRASTRUCTURE			1:500
DRAWN	DESIGNED	CHECKED	APPROVED
RA	RA	KMCK	CR
DRAWING No			ISSUE
4130-MHT-MI-XX-DR-0017			C

ISO A1 841mm x 594mm



HIGH



FOR INFORMATION

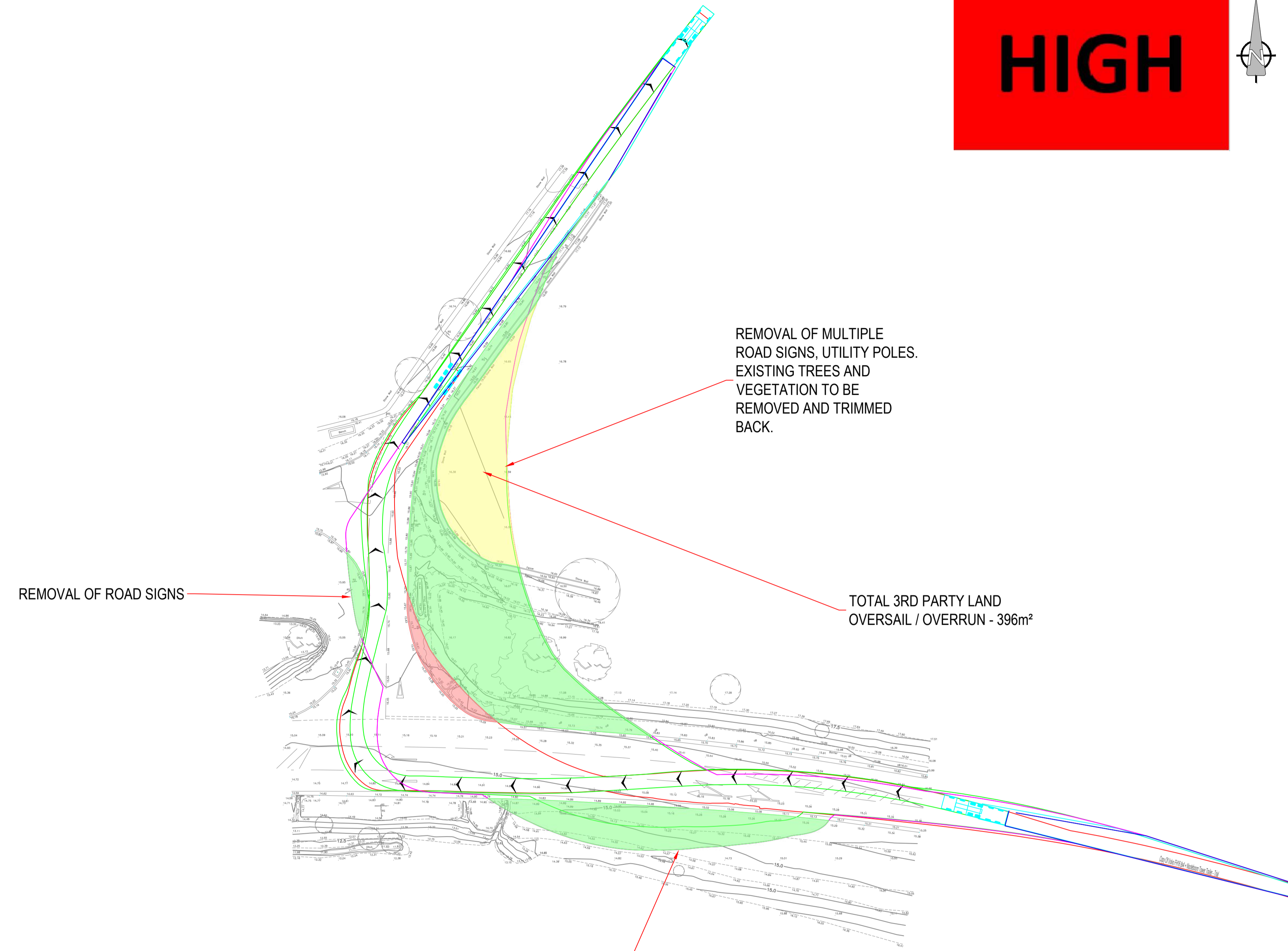
REV	DESCRIPTION	BY	DATE
A	FOR INFORMATION	RA	18.09.23
B	FOR INFORMATION	RA	17.11.23
C	FOR INFORMATION	RA	19.07.24

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LEGEND

- LOAD OVERSAIL WITHIN ASSUMED HIGHWAY BOUNDARY.
- VEHICLE OVERRUN WITHIN ASSUMED HIGHWAY BOUNDARY
- OVERSAIL / OVERRUN OF ASSUMED 3RD PARTY LAND.
- PHOTOGRAPH LOCATION AND DIRECTION.

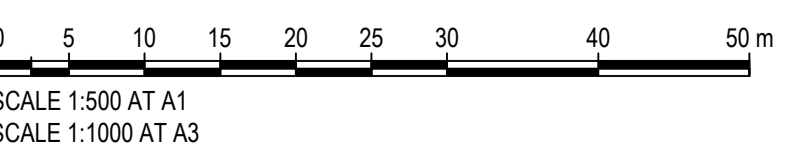
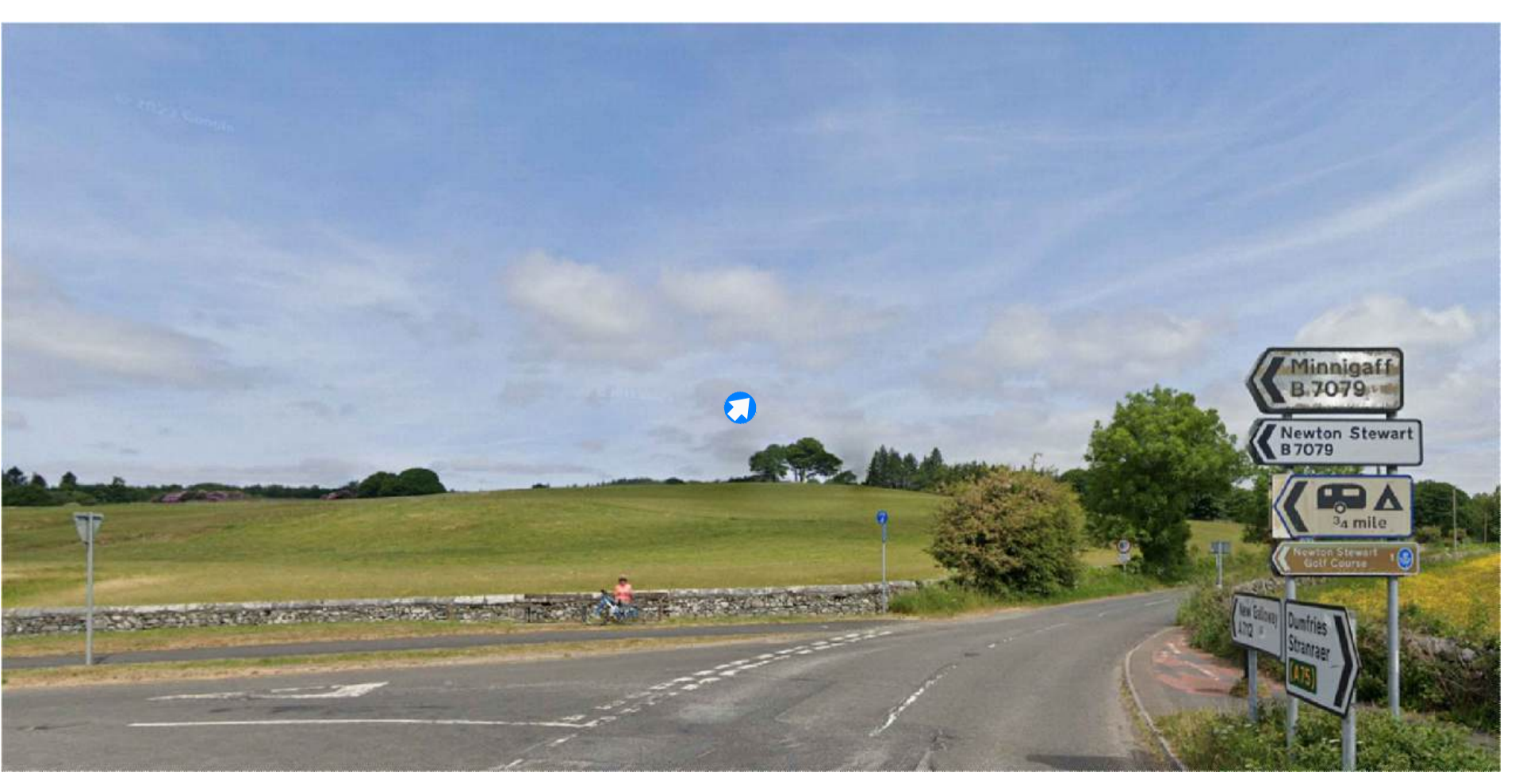


PROJECT

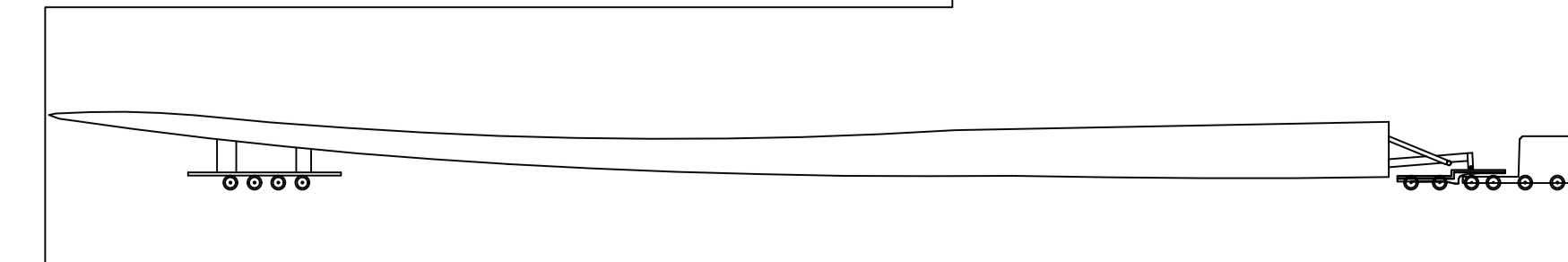
BLAIR HILL WIND FARM

CLIENT	RES
TITLE	ABNORMAL LOAD ASSESSMENT SWEEP PATH ANALYSIS - A712 SG170 BLADE COMPONENT- NO. 19

DISCIPLINE	MOBILITY & INFRASTRUCTURE	SCALE	1:500
DRAWN	DESIGNED	CHECKED	APPROVED
RA	RA	KMCK	CR
DRAWING No	ISSUE		
4130-MHT-MI-XX-DR-0018	C		



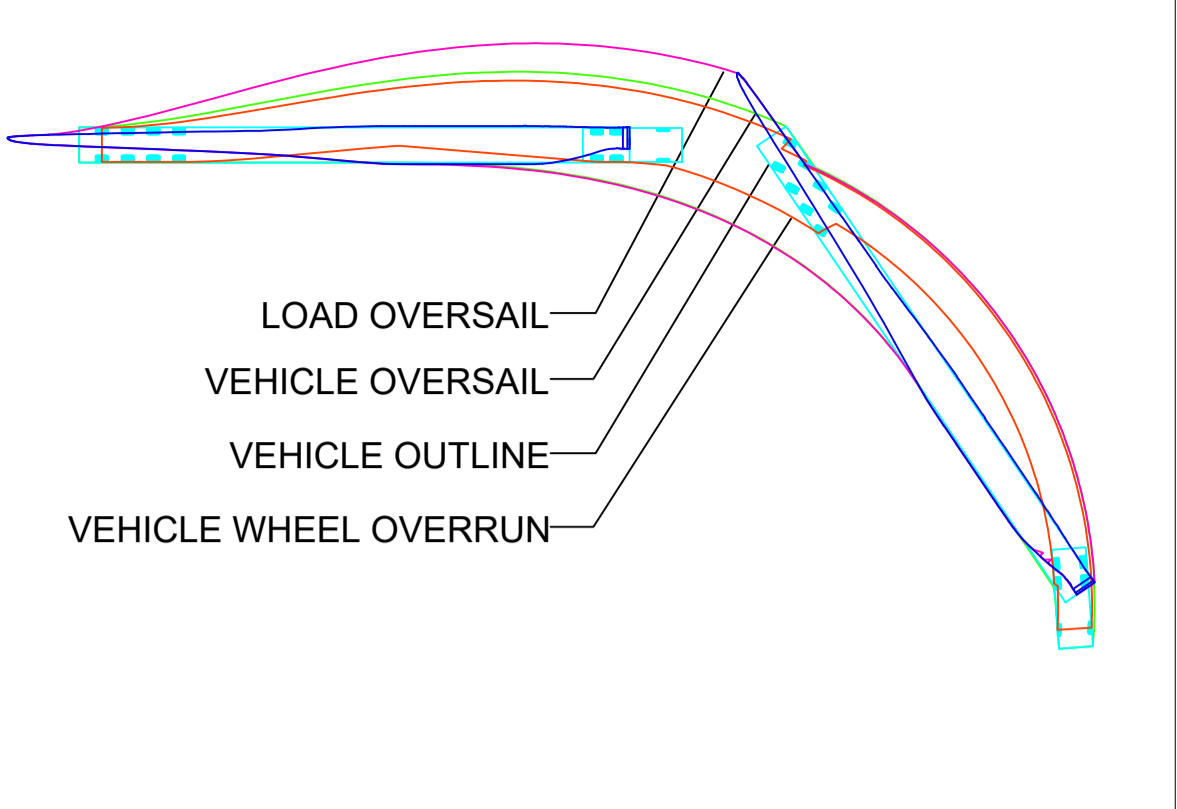
SG170 Turbine Component Transporter	91,045m
Overall Length	4,770m
Overall Width	4,900m
Overall Body Height	0,195m
Min Body Ground Clearance	2,550m
Max Track Width	6,006
Lock to lock time	9,800m
Wall to Wall Turning Radius	83,40m
Blade Length	4,500m
Blade Width or Diameter	3,400m
Blade Height or Diameter	



DATE: 17/07/2024
 FILE LOCATION: C:\USERS\LEWIS.MURREN\MEINHARDT\UK\TDUK\PROJECTS - GENERAL\4130 - BLAIR HILL WIND FARM\1. MHT\TRANSPORT\DRAWINGS\DRAWINGS\240607-A712\4130-MHT-MI-XX-DR-0018-0031.DWG

ISO A1 841mm x 594mm
 DATE: 17/07/2024
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HIGH



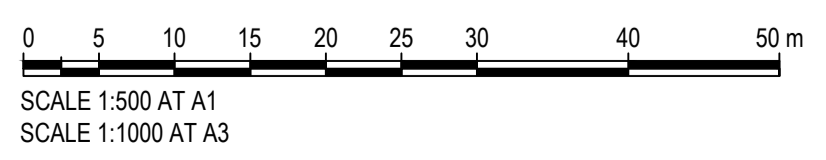
REMOVAL OF ROAD SIGNS, EXISTING TREES AND VEGETATION TO BE TRIMMED BACK.

REMOVAL OF WALL, FENCE, GATE, EXISTING TREES AND VEGETATION TO BE TRIMMED BACK.

TOTAL 3RD PARTY LAND OVERSAIL / OVERRUN - 519m²



SG170 Turbine Component Transporter	91.045m
Overall Length	4.770m
Overall Width	4.900m
Overall Body Height	0.195m
Min Body Ground Clearance	2.550m
Max Track Width	6.000m
Lock to lock time	9.800m
Wall to Wall Turning Radius	83.40m
Blade Length	4.500m
Blade Width or Diameter	3.400m
Blade Height or Diameter	



FOR INFORMATION			
REV	DESCRIPTION	BY	DATE
A	FOR INFORMATION	RA	18.09.23
B	FOR INFORMATION	RA	17.11.23
C	FOR INFORMATION	RA	10.06.24
D	FOR INFORMATION	RA	19.07.24

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- LEGEND
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 - VEHICLE OVERRUN WITHIN ASSUMED HIGHWAY BOUNDARY
 - OVERSAIL / OVERRUN OF ASSUMED 3RD PARTY LAND.
 - PHOTOGRAPH LOCATION AND DIRECTION.



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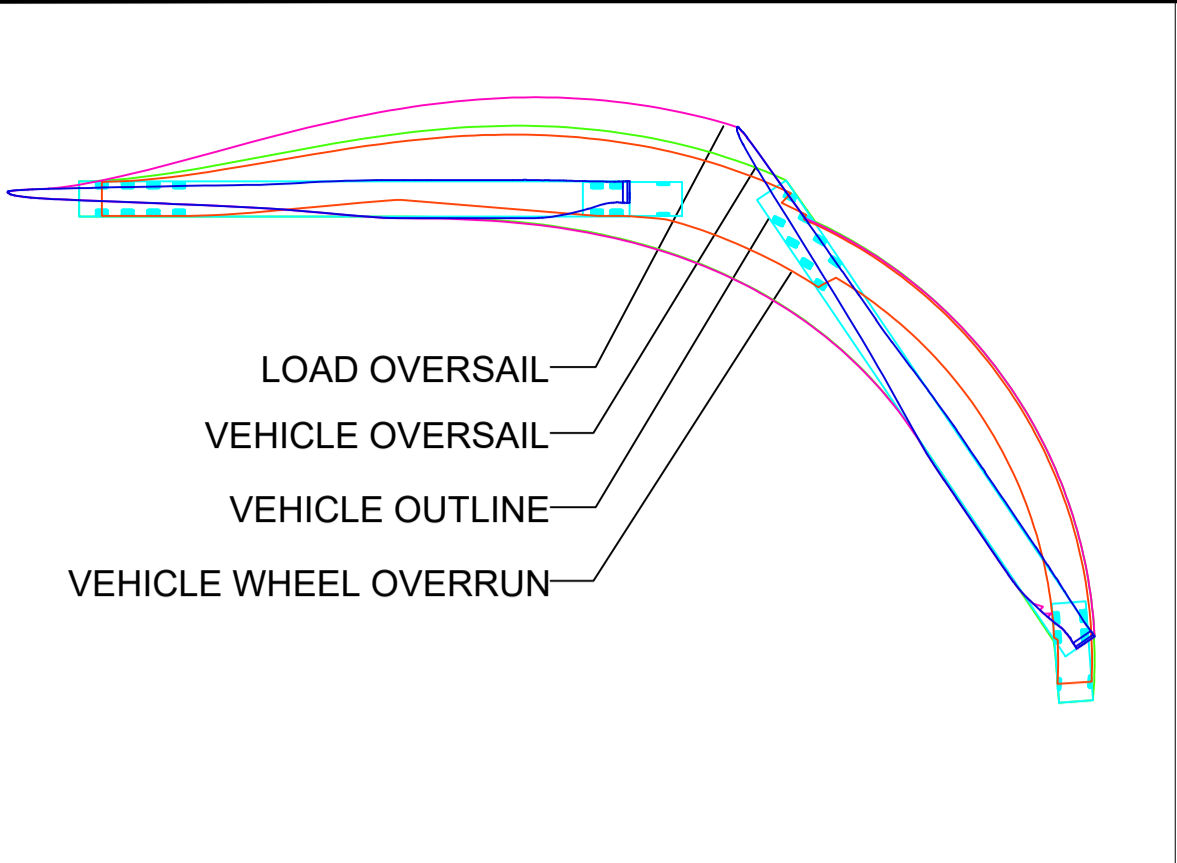
PROJECT
BLAIR HILL WIND FARM

CLIENT
RES

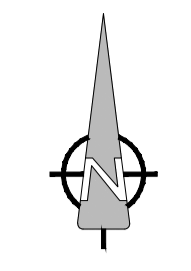
TITLE
**ABNORMAL LOAD ASSESSMENT
 SWEEP PATH ANALYSIS - A712
 SG170 BLADE COMPONENT- NO. 20**

DISCIPLINE	SCALE		
MOBILITY & INFRASTRUCTURE	1:500		
DRAWN	DESIGNED	CHECKED	APPROVED
RA	RA	KMCK	CR
DRAWING No	ISSUE		
4130-MHT-MI-XX-DR-0019	D		

ISO A1 841mm x 594mm



HIGH



FOR INFORMATION

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A	FOR INFORMATION	RA	18.09.23
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LEGEND

- LOAD OVERSAIL WITHIN ASSUMED HIGHWAY BOUNDARY.
- VEHICLE OVERRUN WITHIN ASSUMED HIGHWAY BOUNDARY
- OVERSAIL / OVERRUN OF ASSUMED 3RD PARTY LAND.
- PHOTOGRAPH LOCATION AND DIRECTION.

EXISTING TREES AND VEGETATION TO BE REMOVED

EXISTING TREES AND VEGETATION TO BE REMOVED

TOTAL 3RD PARTY LAND OVERSAIL / OVERRUN - 174m²



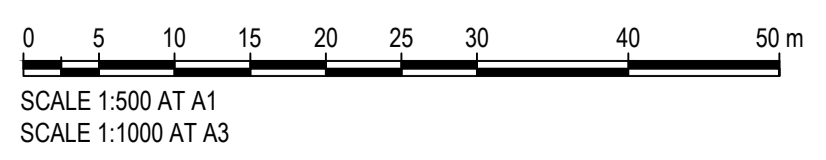
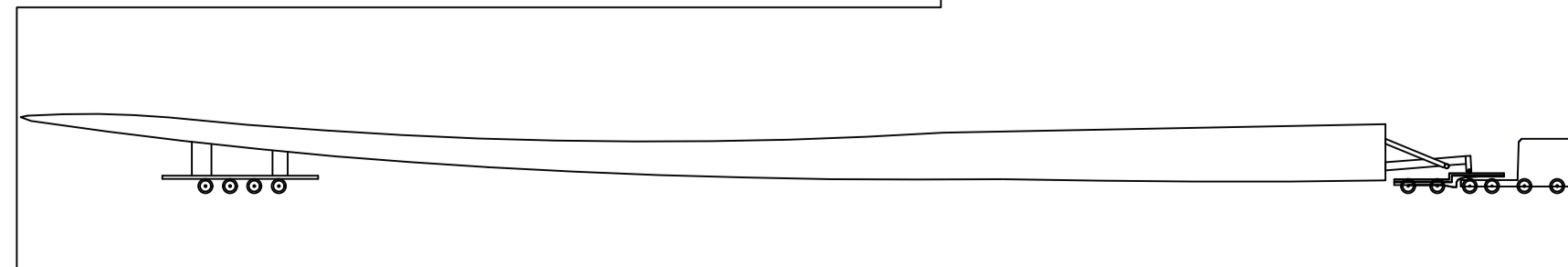
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 Telephone: +44 (0) 141 378 4235
 www.meinhardt.co.uk

PROJECT
BLAIR HILL WIND FARM

CLIENT
RES

TITLE
**ABNORMAL LOAD ASSESSMENT
 SWEEP PATH ANALYSIS - A712
 SG170 BLADE COMPONENT- NO. 21**

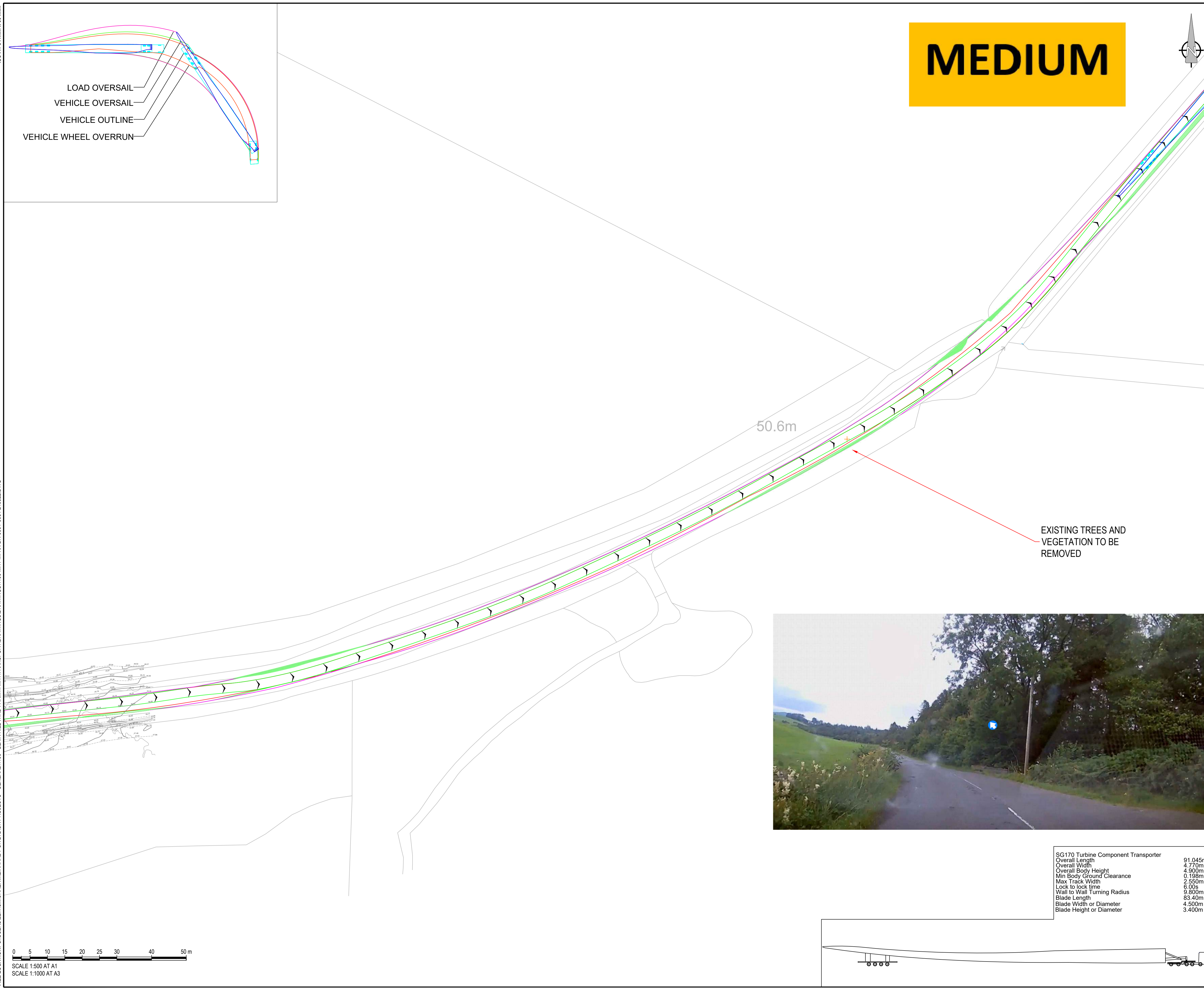
SG170 Turbine Component Transporter	91,045m
Overall Length	4,770m
Overall Width	4,900m
Overall Body Height	0,195m
Min Body Ground Clearance	2,550m
Max Track Width	6,006
Lock to lock time	9,800m
Wall to Wall Turning Radius	83,40m
Blade Length	4,500m
Blade Width or Diameter	3,400m
Blade Height or Diameter	



DATE: 17/07/2024

FILE LOCATION: C:\USERS\LEWIS\MURREN\MEINHARDT\UK\TDL\UK PROJECTS - GENERAL\4130 - BLAIR HILL WIND FARM\1. MHT\TRANSPORT\DRAWINGS\DRAWINGS\240607-A712\4130-MHT-MI-XX-DR-001B-0031.DWG

DATE: 19/07/2024
 FILE LOCATION: C:\USERS\LEWIS\MURREN\MEINHARDT\UK\TDL\UK PROJECTS - GENERAL\4130 - BLAIR HILL WIND FARM\1_MHT\TRANSPORT\DRAWINGS\DRAWINGS\4130-MHT-MI-XX-DR-0001-0001-24\622.DWG
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 - █ OVERSAIL / OVERRUN OF ASSUMED 3RD PARTY LAND.
 - + PHOTOGRAPH LOCATION AND DIRECTION.



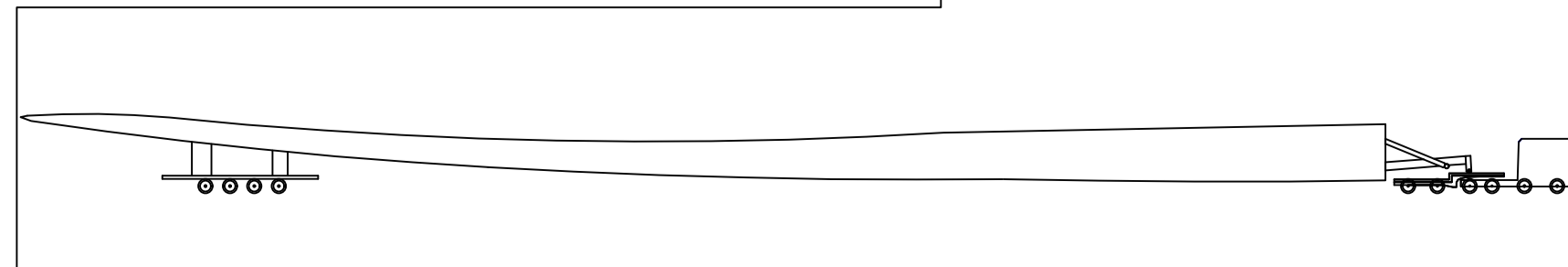
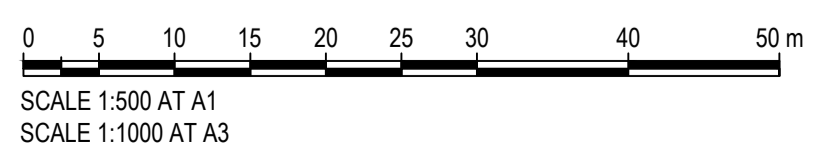
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PROJECT
BLAIR HILL WIND FARM

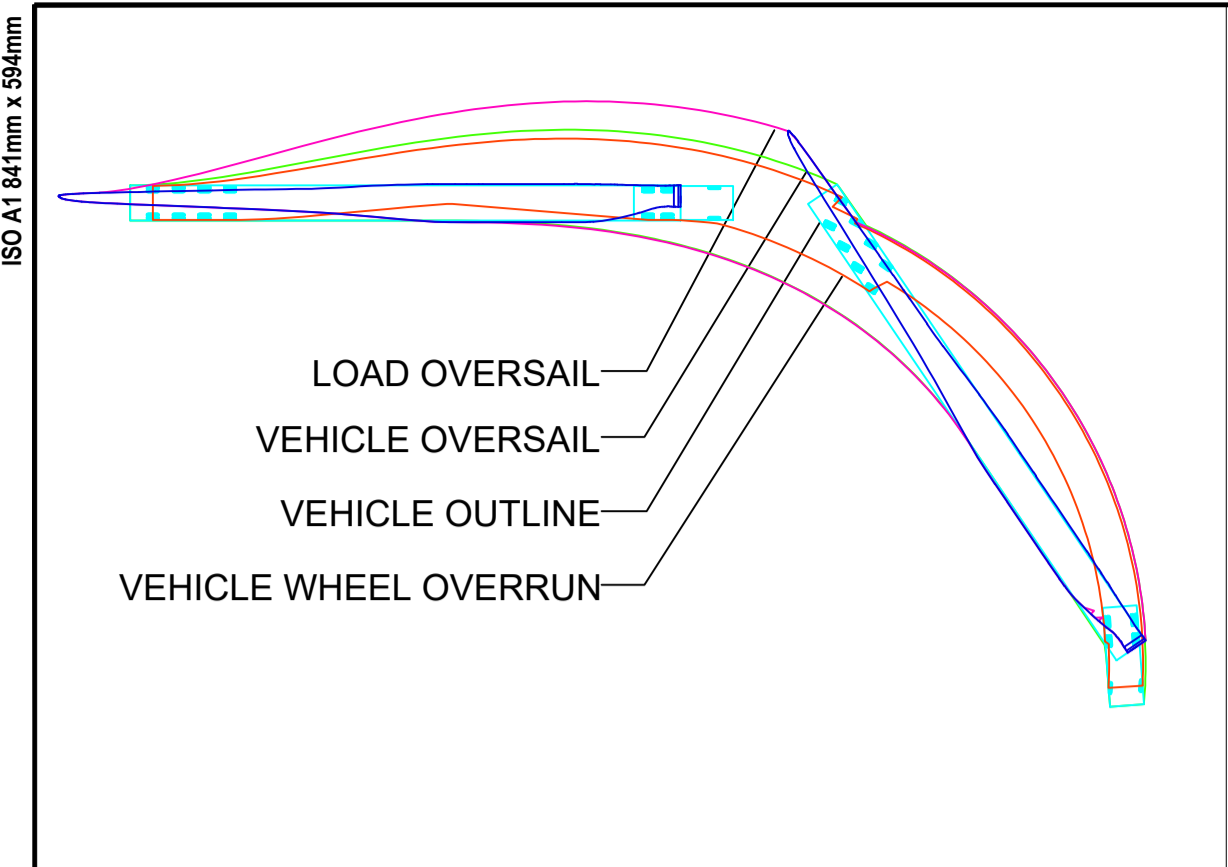
CLIENT
RES

TITLE
**ABNORMAL LOAD ASSESSMENT
 SWEEP PATH ANALYSIS
 SG170 BLADE COMPONENT- NO. 22**

SG170 Turbine Component Transporter	91,045m
Overall Length	4,770m
Overall Width	4,900m
Overall Body Height	0,195m
Min Body Ground Clearance	2,550m
Max Track Width	6,000m
Lock to lock time	9,800m
Wall to Wall Turning Radius	83,40m
Blade Length	4,500m
Blade Width or Diameter	3,400m
Blade Height or Diameter	



DISCIPLINE			SCALE
MOBILITY & INFRASTRUCTURE			1:500
DRAWN	DESIGNED	CHECKED	APPROVED
RA	RA	KMCK	CR
DRAWING No			ISSUE
4130-MHT-MI-XX-DR-0021			C



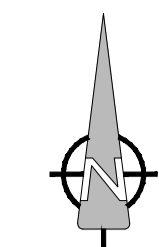
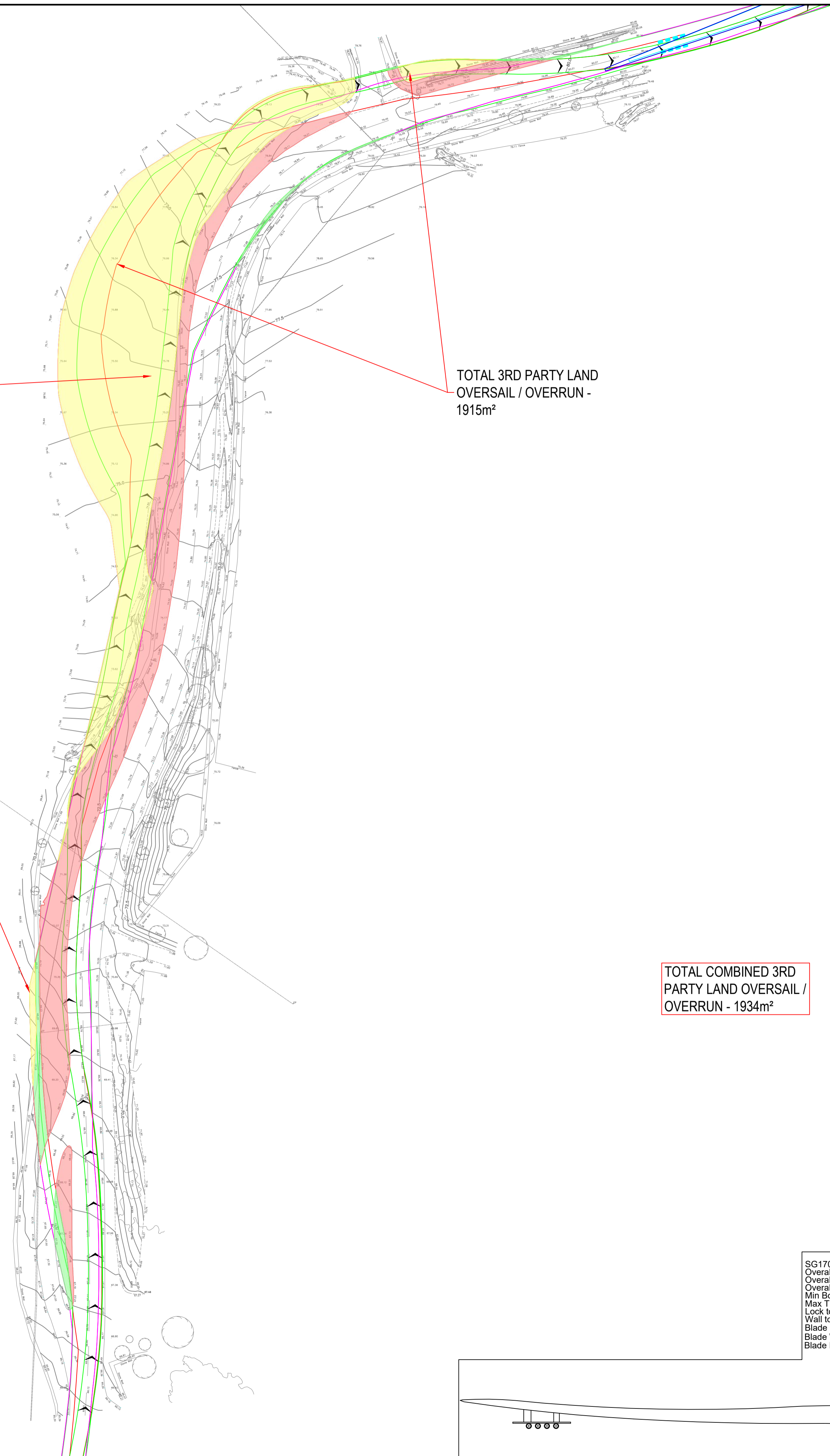
HIGH

EXISTING TREES AND VEGETATION TO BE REMOVED

TOTAL 3RD PARTY LAND OVERSAIL / OVERRUN - 1915m²

TOTAL 3RD PARTY LAND OVERSAIL / OVERRUN - 19m²

TOTAL COMBINED 3RD PARTY LAND OVERSAIL / OVERRUN - 1934m²



FOR INFORMATION

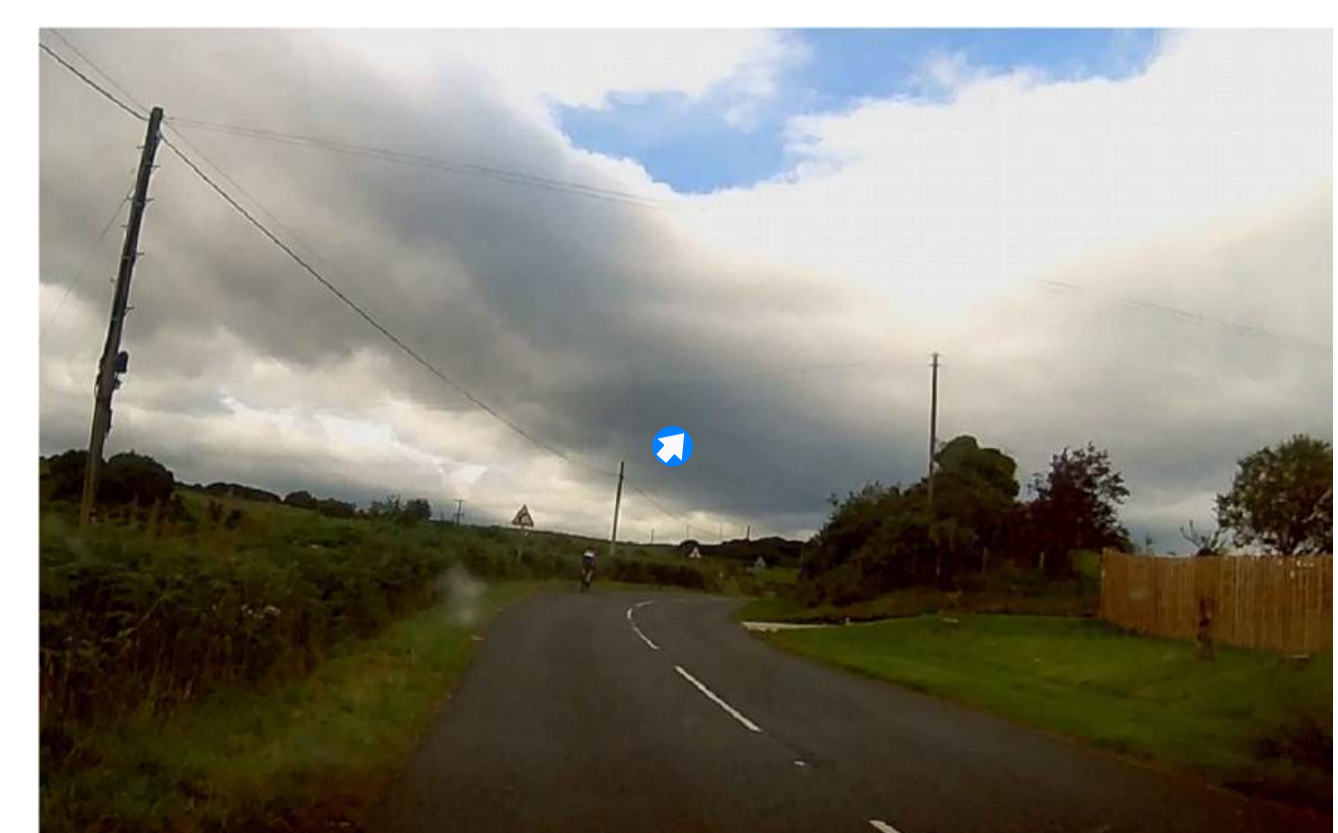
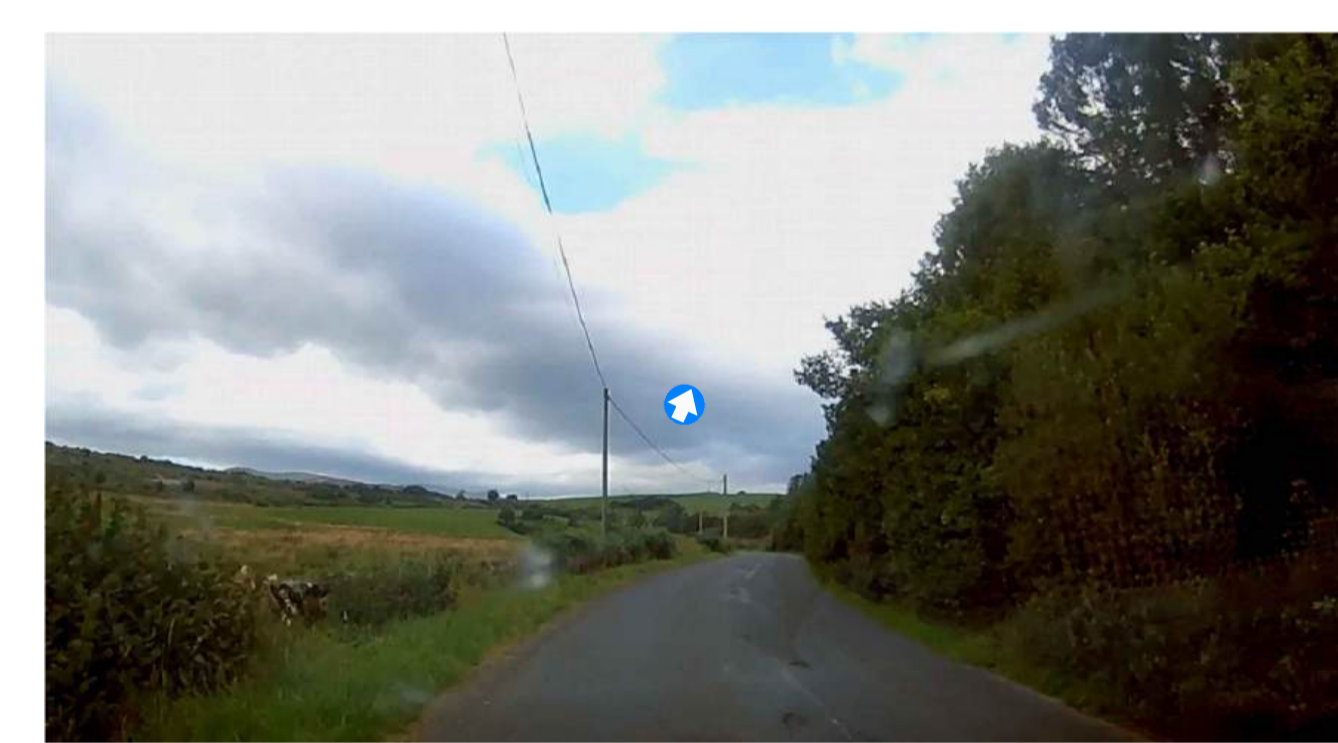
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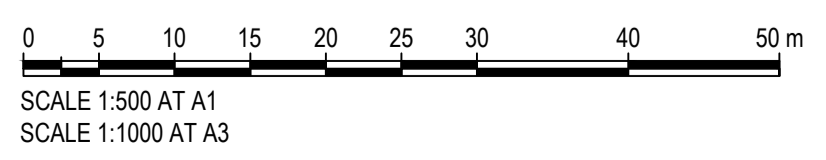
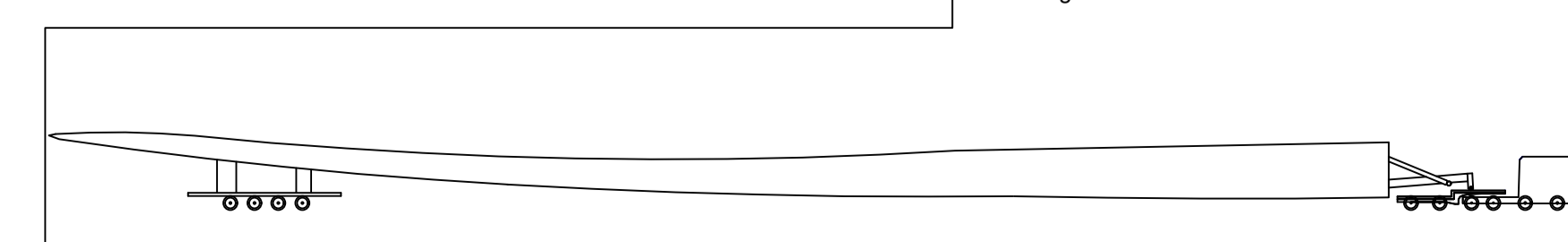


PROJECT
BLAIR HILL WIND FARM

CLIENT
RES

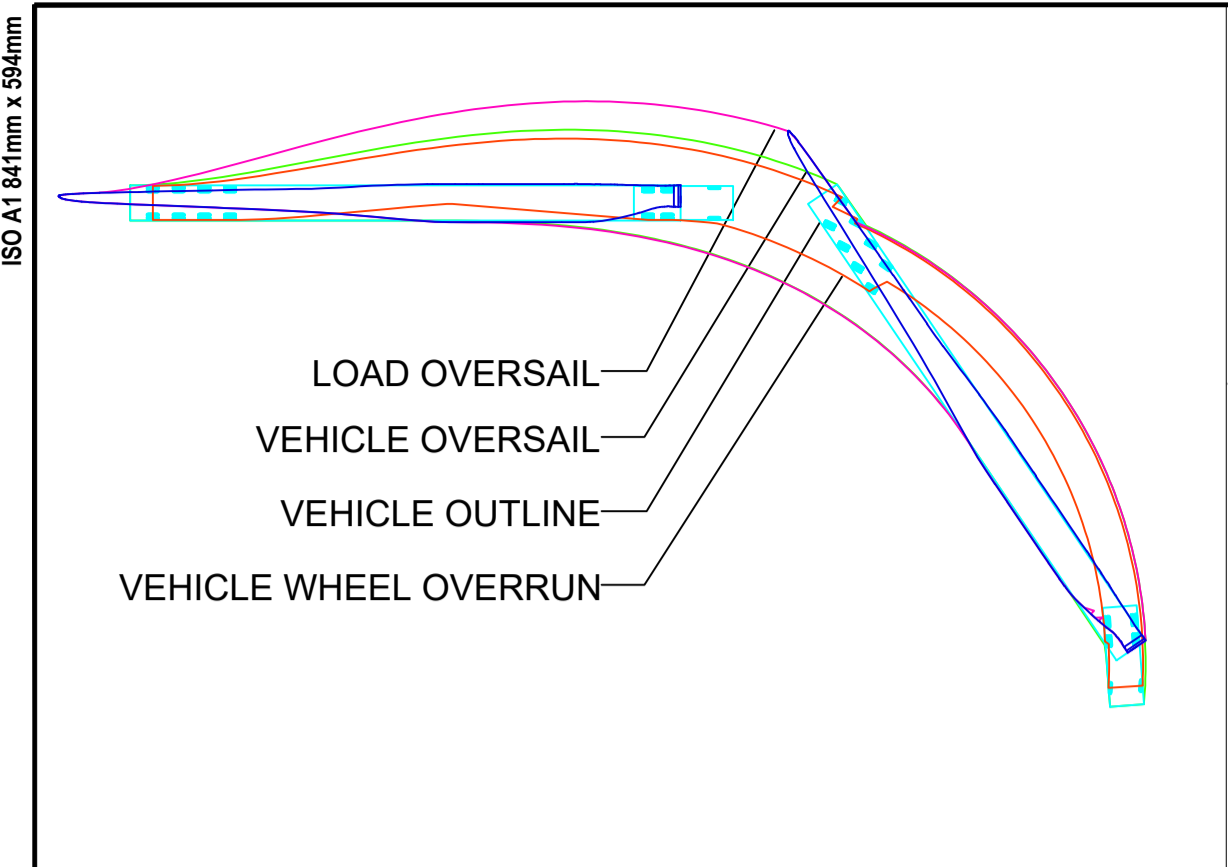
TITLE
**ABNORMAL LOAD ASSESSMENT
SWEEP PATH ANALYSIS - A712
SG170 BLADE COMPONENT- NO. 23 & 24**

SG170 Turbine Component Transporter	91,045m
Overall Length	4,770m
Overall Width	4,900m
Overall Body Height	0,195m
Min Body Ground Clearance	2,550m
Max Track Width	6,000
Lock to lock time	9,800m
Wait to Wait Turning Radius	83,40m
Blade Length	4,500m
Blade Width or Diameter	3,400m
Blade Height or Diameter	



DATE: 17/07/2024

FILE LOCATION: C:\USERS\LEWIS\MURREN\MEINHARDT\UK\TDLUK\PROJECTS - GENERAL\4130 - BLAIR HILL WIND FARM\1. MHT\TRANSPORT\DRAWINGS\DRAWINGS\240607-A712\4130-MHT-MI-XX-DR-001B-0031.DWG



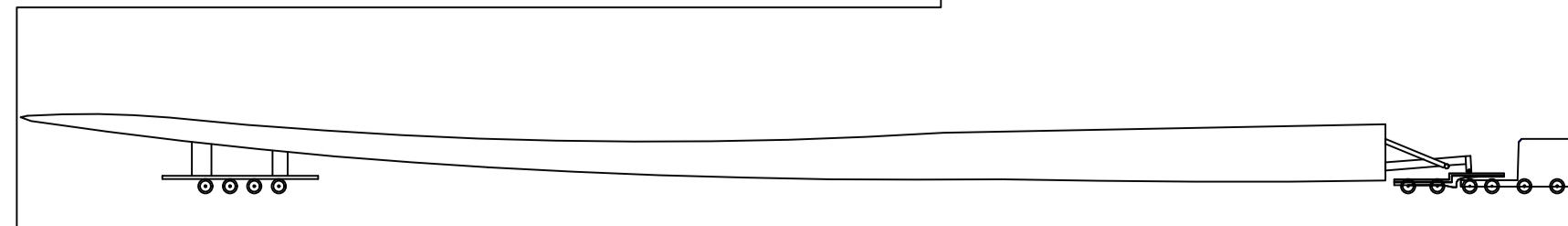
MEDIUM



87m



SG170 Turbine Component Transporter	91.045m
Overall Length	4.770m
Overall Width	4.900m
Overall Body Height	0.195m
Min Body Ground Clearance	2.550m
Max Track Width	6.000m
Lock to lock time	9.800m
Wall to Wall Turning Radius	83.40m
Blade Length	4.500m
Blade Width or Diameter	3.400m



FOR INFORMATION

REV	DESCRIPTION	BY	DATE
A	FOR INFORMATION	RA	18.09.23
B	FOR INFORMATION	RA	17.11.23
C	FOR INFORMATION	RA	19.07.24

- NOTES:**
- DO NOT SCALE. ALL MEASUREMENTS AND COORDINATES TO BE CHECKED ON SITE.
 - ALL MAPPING INFORMATION TO BE CHECKED ON SITE PRIOR TO COMMENCEMENT OF WORKS.
 - INDICATIVE VEHICLE MODELS ARE DESIGNED USING TECHNICAL SPECIFICATIONS. RESULTS SHOULD BE REVIEWED BY HAULIER, INCLUDING A DRY RUN ON SITE, PRIOR TO COMMENCEMENT ON SITE.
 - VERTICAL CLEARANCE HAS BEEN INFORMED VIA DESKTOP STUDY AND SITE VISIT ONLY. CONFIRMATION REQUIRED PRIOR TO COMMENCEMENT OF WORKS.
 - THIRD PARTY LAND TO BE CONFIRMED THROUGH LAND OWNERSHIP VIA TOPOGRAPHICAL SURVEY.

- LEGEND**
- LOAD OVERSAIL WITHIN ASSUMED HIGHWAY BOUNDARY.
 - VEHICLE OVER-RUN.
 - PHOTOGRAPH LOCATION AND DIRECTION.



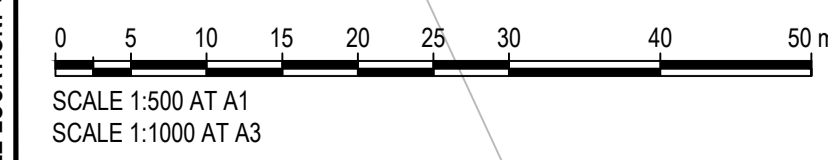
PROJECT
BLAIR HILL WIND FARM

CLIENT
RES

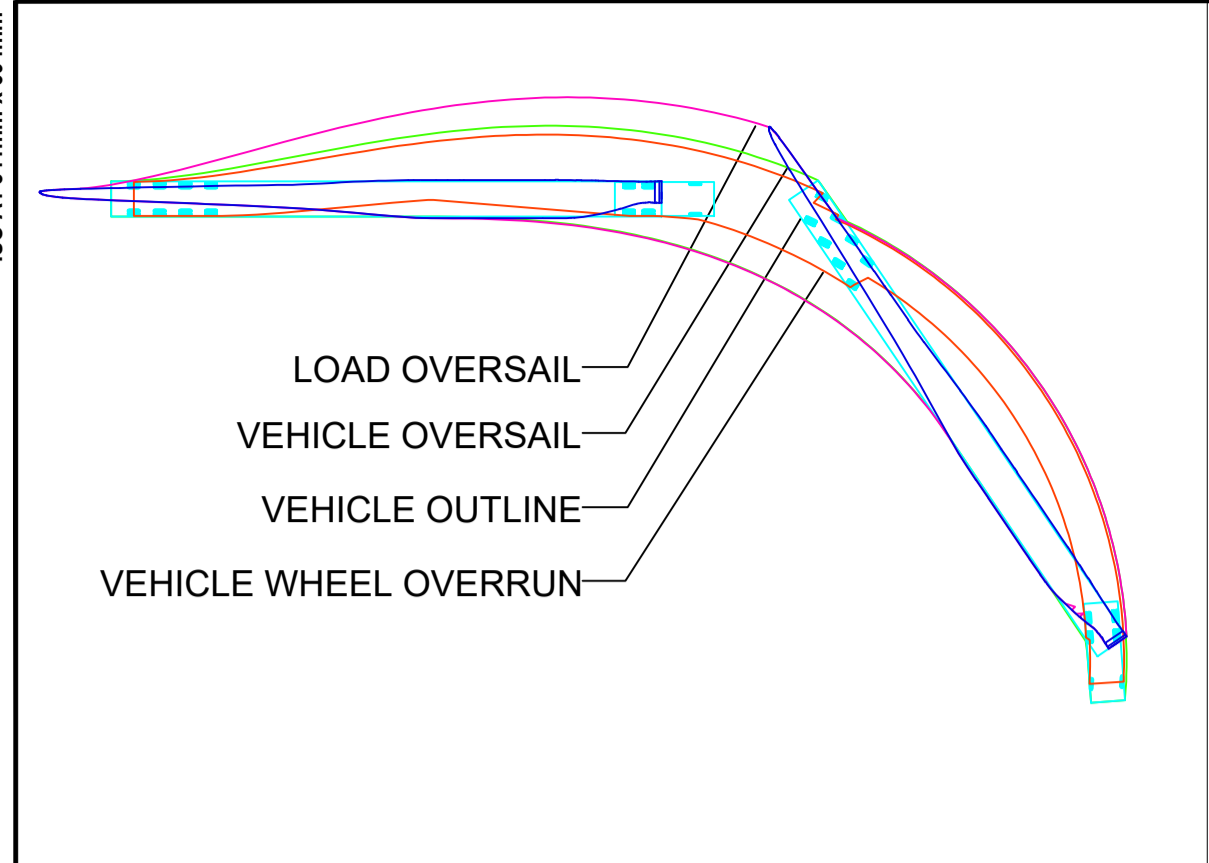
TITLE
**ABNORMAL LOAD ASSESSMENT
SWEEP PATH ANALYSIS
SG170 BLADE COMPONENT- NO. 25**

DISCIPLINE	SCALE		
MOBILITY & INFRASTRUCTURE	1:500		
DRAWN	DESIGNED	CHECKED	APPROVED
RA	RA	KMCK	CR
DRAWING No	ISSUE		
4130-MHT-MI-XX-DR-0023	C		

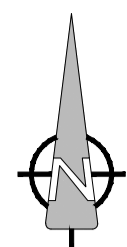
DATE: 19/07/2024
FILE LOCATION: C:\USERS\LEWIS\MURREN\MEINHARDT\UK\TDL\UK PROJECTS - GENERAL\4130 - BLAIR HILL WIND FARM\1. MHT\TRANSPORT\DRAWINGS\DRAWINGS\4130-MHT-MI-XX-DR-0001-0001-24\0622.DWG



ISO A1 841mm x 594mm



HIGH



FOR INFORMATION

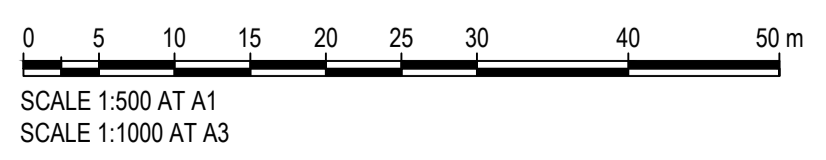
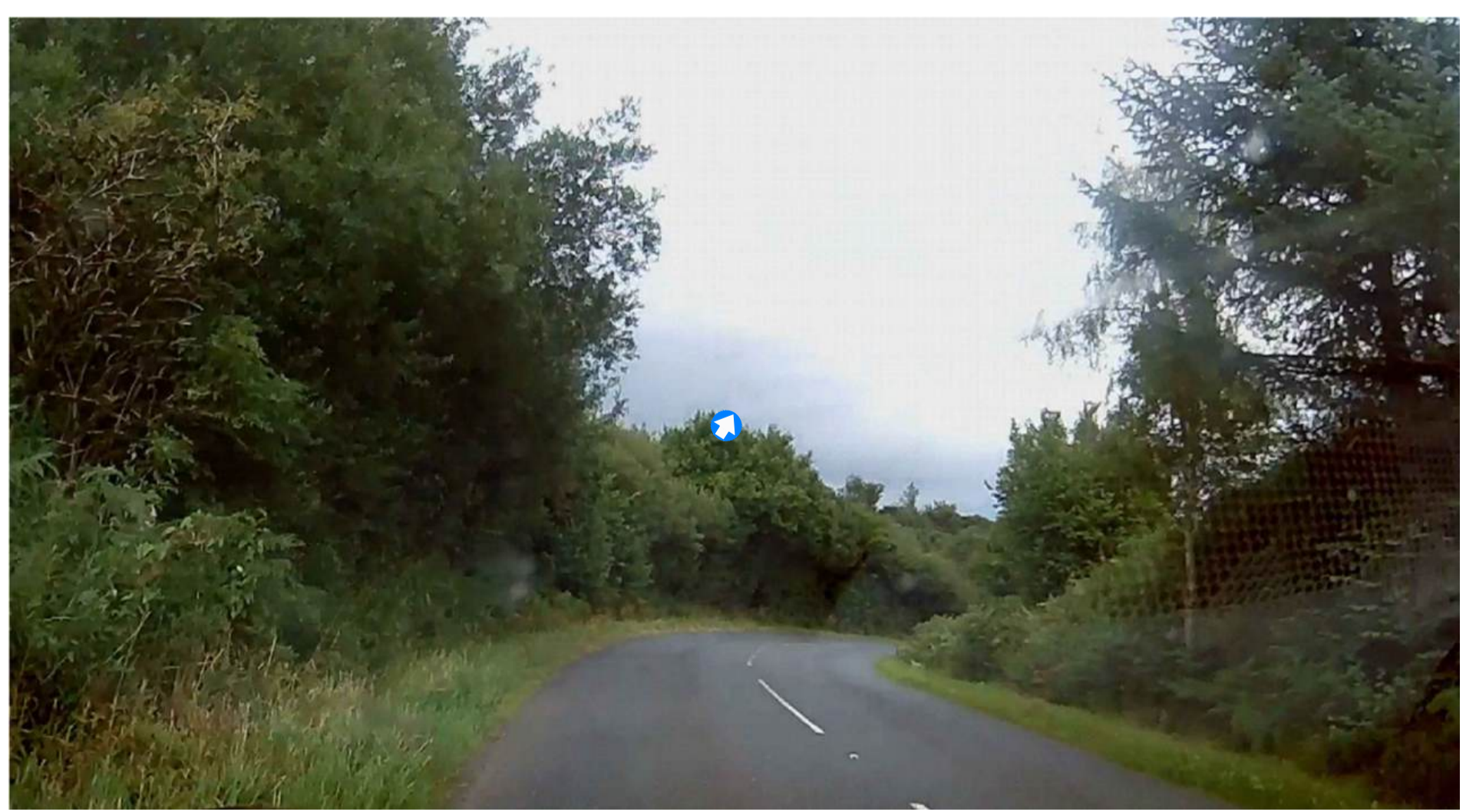
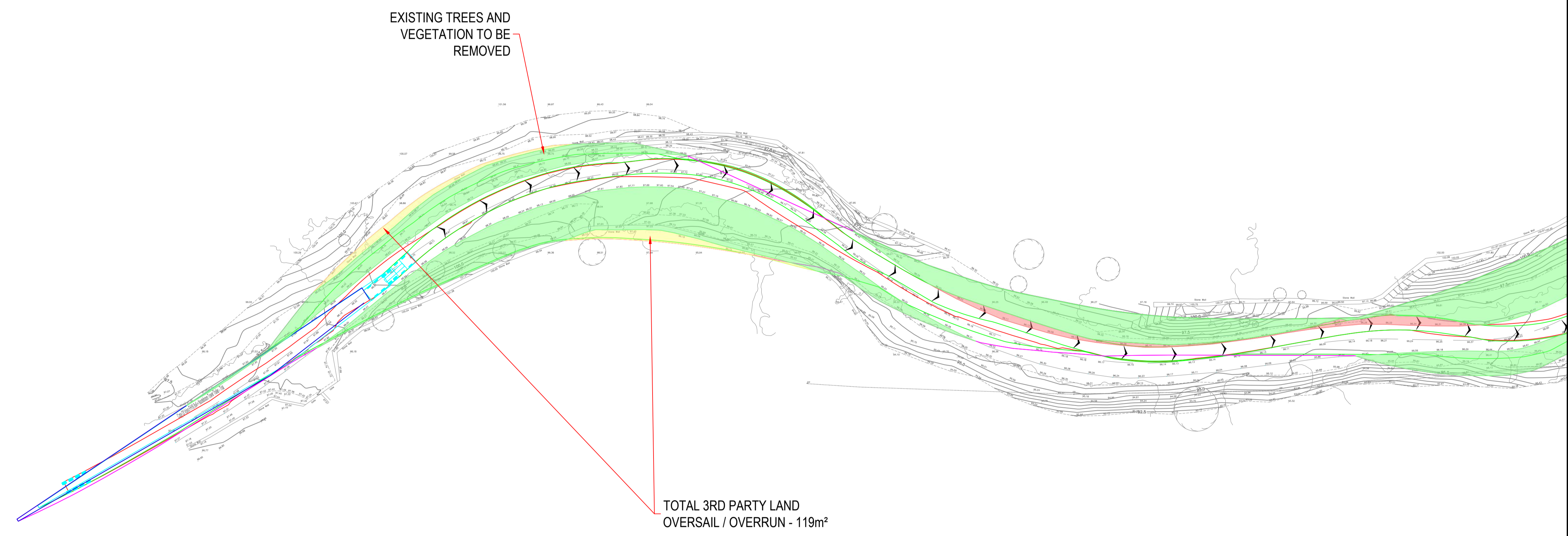
REV	DESCRIPTION	BY	DATE
A	FOR INFORMATION	RA	18.09.23
B	FOR INFORMATION	RA	17.11.23
C	FOR INFORMATION	RA	19.07.24

NOTES:

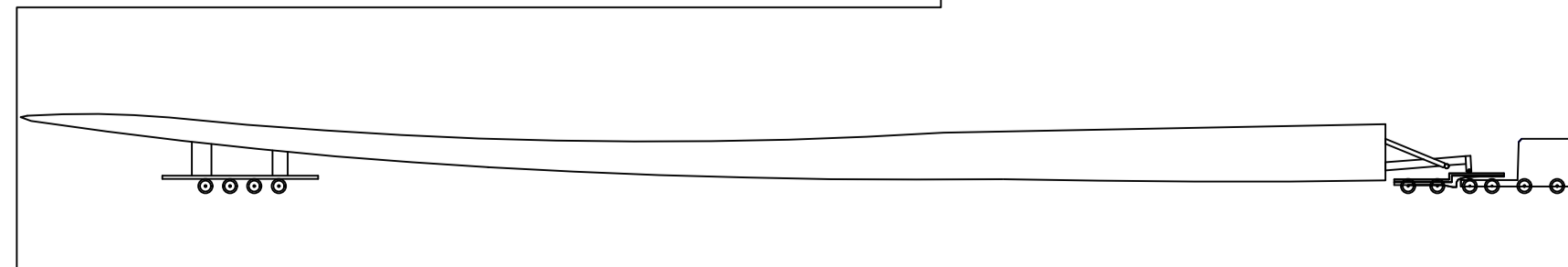
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- THIRD PARTY LAND TO BE CONFIRMED THROUGH LAND OWNERSHIP VIA TOPOGRAPHICAL SURVEY

LEGEND

- LOAD OVERSAIL WITHIN ASSUMED HIGHWAY BOUNDARY.
- VEHICLE OVERRUN WITHIN ASSUMED HIGHWAY BOUNDARY
- OVERSAIL / OVERRUN OF ASSUMED 3RD PARTY LAND.
- PHOTOGRAPH LOCATION AND DIRECTION.



SG170 Turbine Component Transporter	91.045m
Overall Length	4.770m
Overall Width	4.900m
Overall Body Height	0.195m
Min Body Ground Clearance	2.550m
Max Track Width	6.006
Lock to lock time	9.800m
Wall to Wall Turning Radius	83.40m
Blade Length	4.500m
Blade Width or Diameter	3.400m
Blade Height or Diameter	



PROJECT
BLAIR HILL WIND FARM

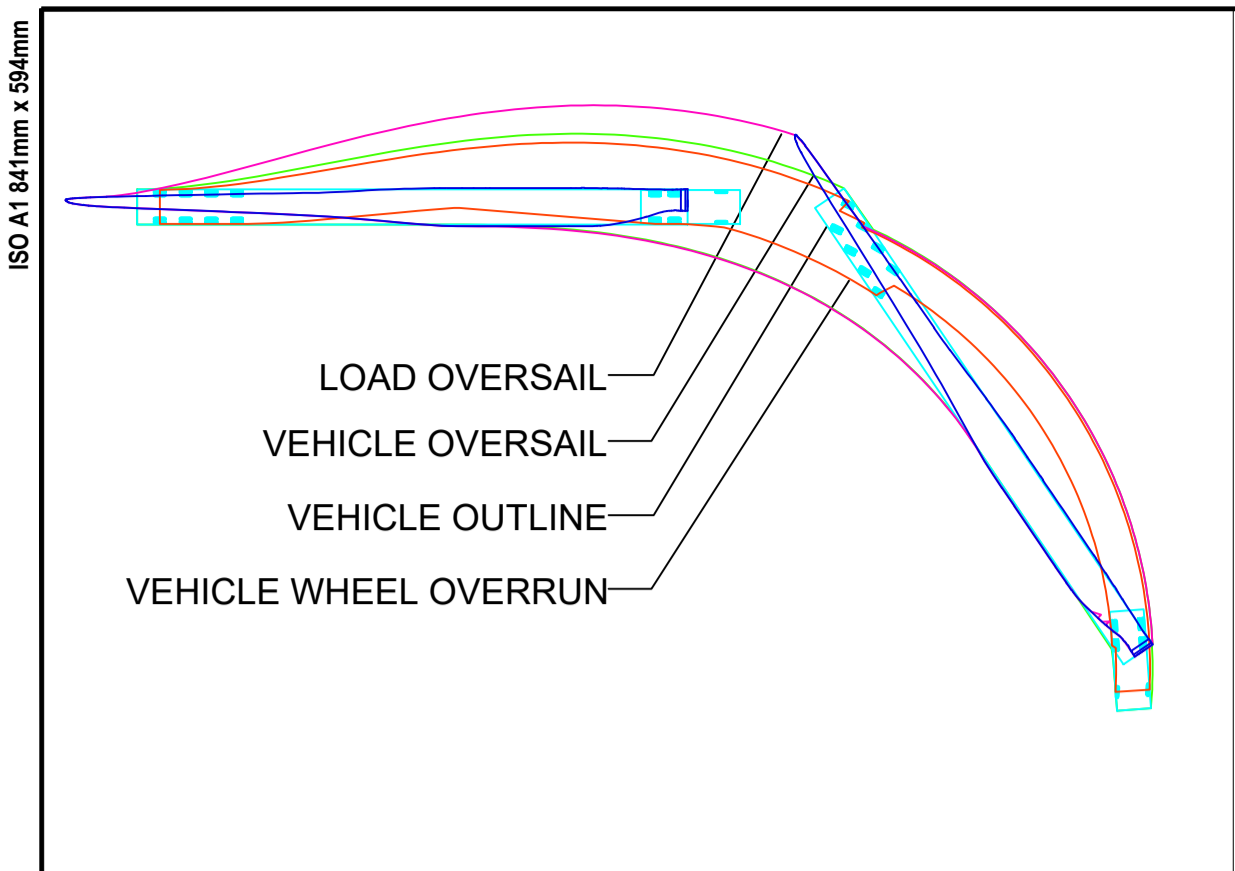
CLIENT
RES

TITLE
**ABNORMAL LOAD ASSESSMENT
 SWEEP PATH ANALYSIS - A712
 SG170 BLADE COMPONENT- NO. 26**

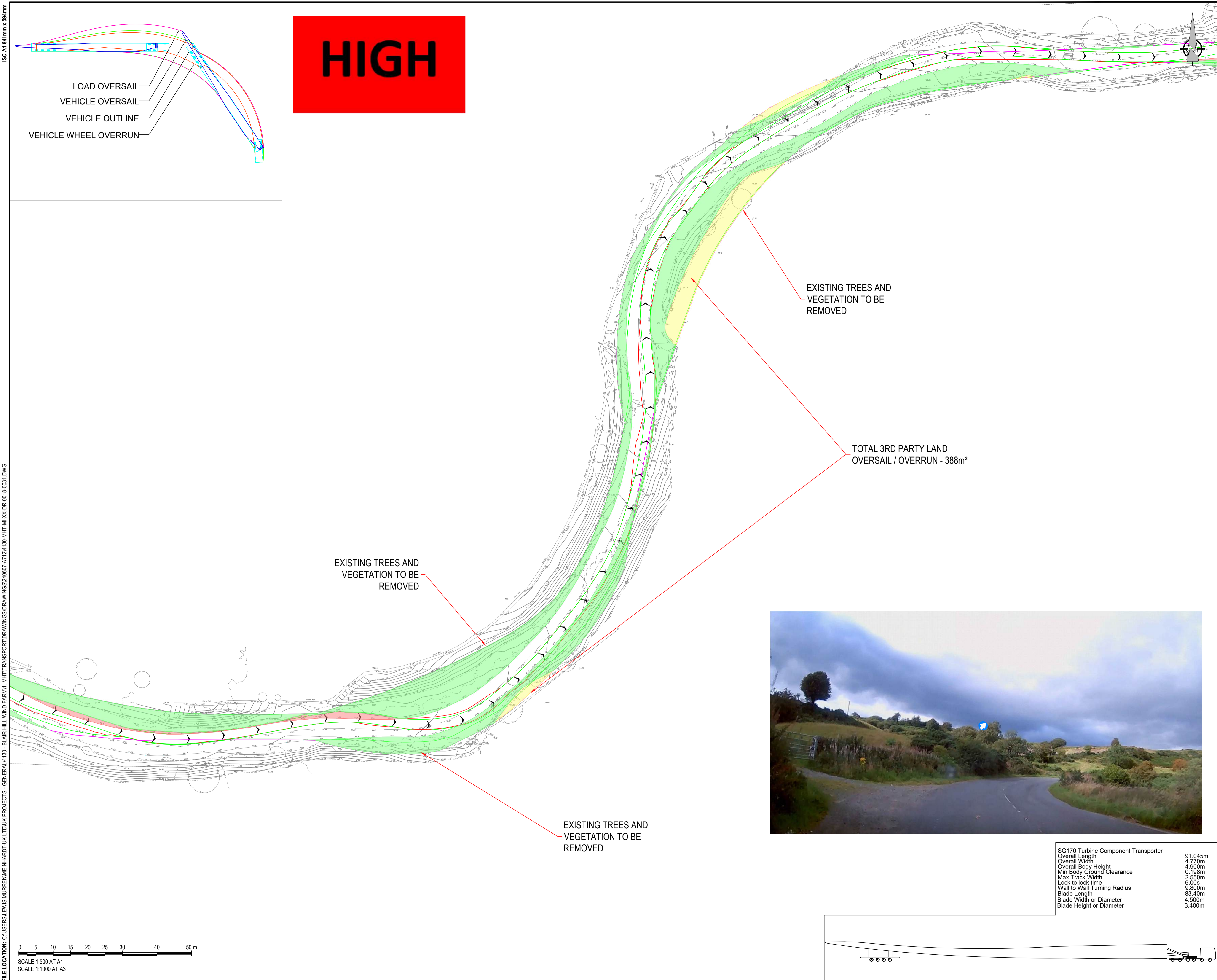
DISCIPLINE			SCALE
MOBILITY & INFRASTRUCTURE			1:500
DRAWN	DESIGNED	CHECKED	APPROVED
RA	RA	KMCK	CR
DRAWING No			ISSUE
4130-MHT-MI-XX-DR-0024			C

DATE: 17/07/2024

FILE LOCATION: C:\USERS\LEWIS.MURREN\MEINHARDT\UK\TDLUK\PROJECTS - GENERAL\4130 - BLAIR HILL WIND FARM\1. MHT\TRANSPORT\DRAWINGS\DRAWINGS\240607-A712\4130-MHT-MI-XX-DR-0018-0031.DWG



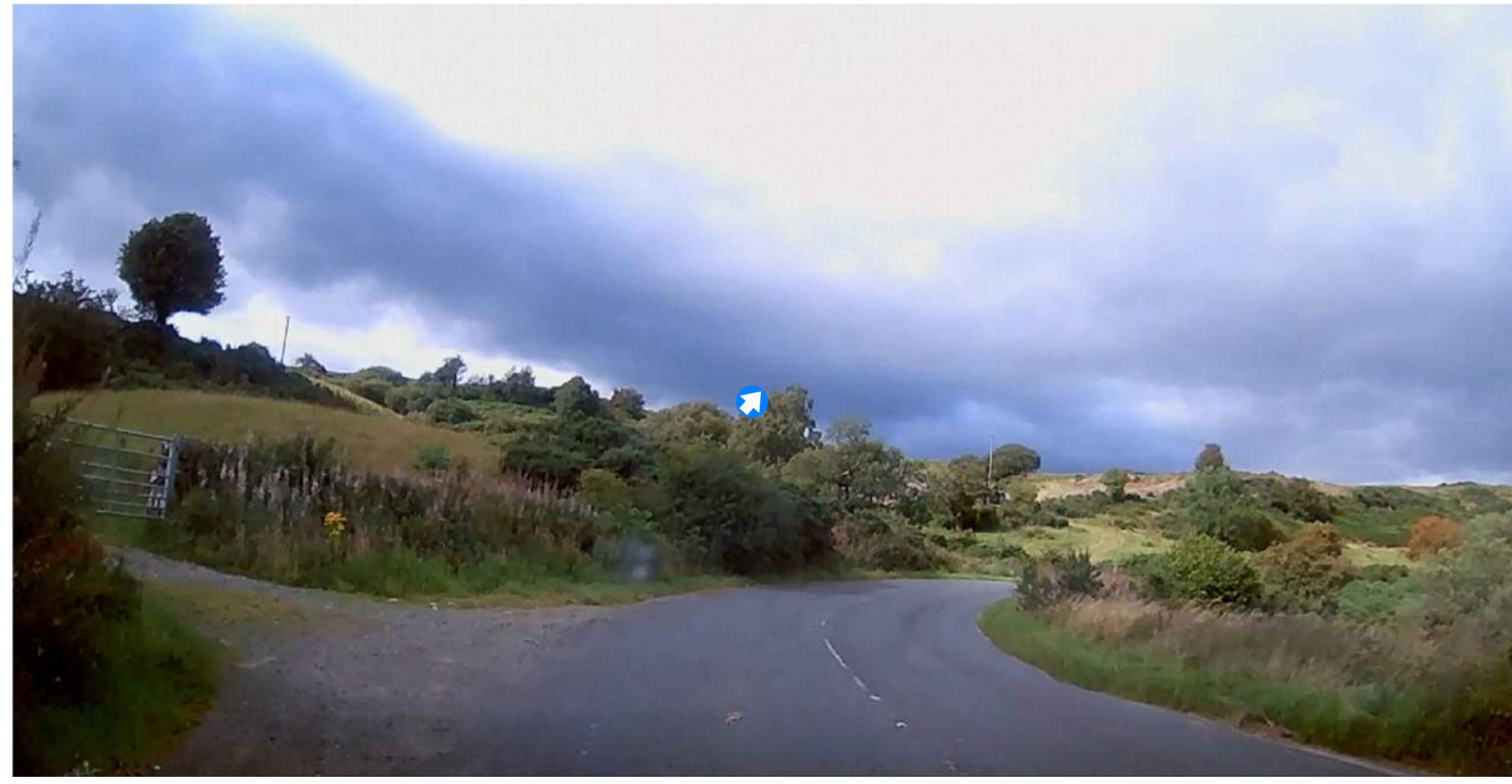
HIGH



FOR INFORMATION		
REV	DESCRIPTION	BY / DATE
A	FOR INFORMATION	RA / 18.09.23
B	FOR INFORMATION	RA / 17.11.23
C	FOR INFORMATION	RA / 19.07.24

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 - THIRD PARTY LAND TO BE CONFIRMED THROUGH LAND OWNERSHIP VIA TOPOGRAPHICAL SURVEY

- LEGEND**
- LOAD OVERSAIL WITHIN ASSUMED HIGHWAY BOUNDARY.
 - VEHICLE OVERRUN WITHIN ASSUMED HIGHWAY BOUNDARY
 - OVERSAIL / OVERRUN OF ASSUMED 3RD PARTY LAND.
 - PHOTOGRAPH LOCATION AND DIRECTION.



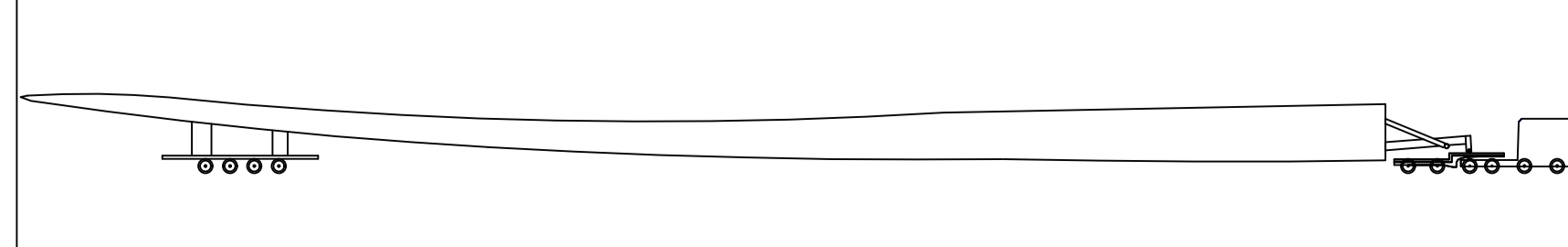
MEINHARDT
 1st Floor, 9 George Square, Glasgow, G2 1DY
 Telephone: +44 (0) 141 378 4235
 www.meinhardt.co.uk

PROJECT
BLAIR HILL WIND FARM

CLIENT
RES

TITLE
**ABNORMAL LOAD ASSESSMENT
 SWEEP PATH ANALYSIS - A712
 SG170 BLADE COMPONENT- NO. 27**

SG170 Turbine Component Transporter	91.045m
Overall Length	4.770m
Overall Width	4.900m
Overall Body Height	0.195m
Min Body Ground Clearance	2.550m
Max Track Width	6.00s
Lock to lock time	9.800m
Wall to Wall Turning Radius	83.40m
Blade Length	4.500m
Blade Width or Diameter	3.400m
Blade Height or Diameter	

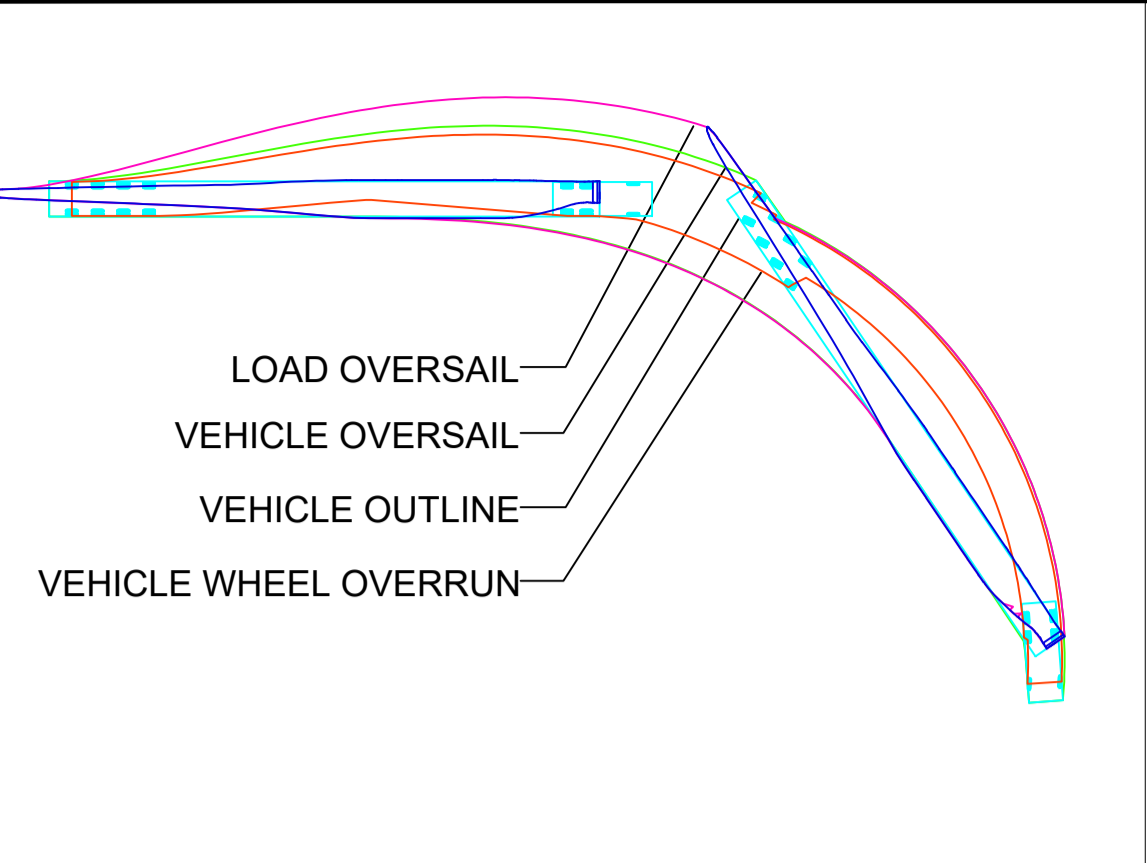


DATE: 17/07/2024
 FILE LOCATION: C:\USERS\LEWIS\MURREN\MEINHARDT\UK\TDL\UK PROJECTS - GENERAL\4130 - BLAIR HILL WIND FARM\1. MHT\TRANSPORT\DRAWINGS\DRAWINGS\240607-A712\4130-MHT-MI-XX-DR-0018-0031.DWG

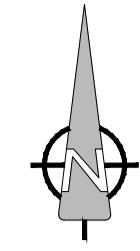
SCALE 1:500 AT A1
 SCALE 1:1000 AT A3

DISCIPLINE			SCALE
MOBILITY & INFRASTRUCTURE			1:500
DRAWN	DESIGNED	CHECKED	APPROVED
RA	RA	KMCK	CR
DRAWING No			ISSUE
4130-MHT-MI-XX-DR-0025			C

ISO A1 841mm x 594mm



HIGH



FOR INFORMATION

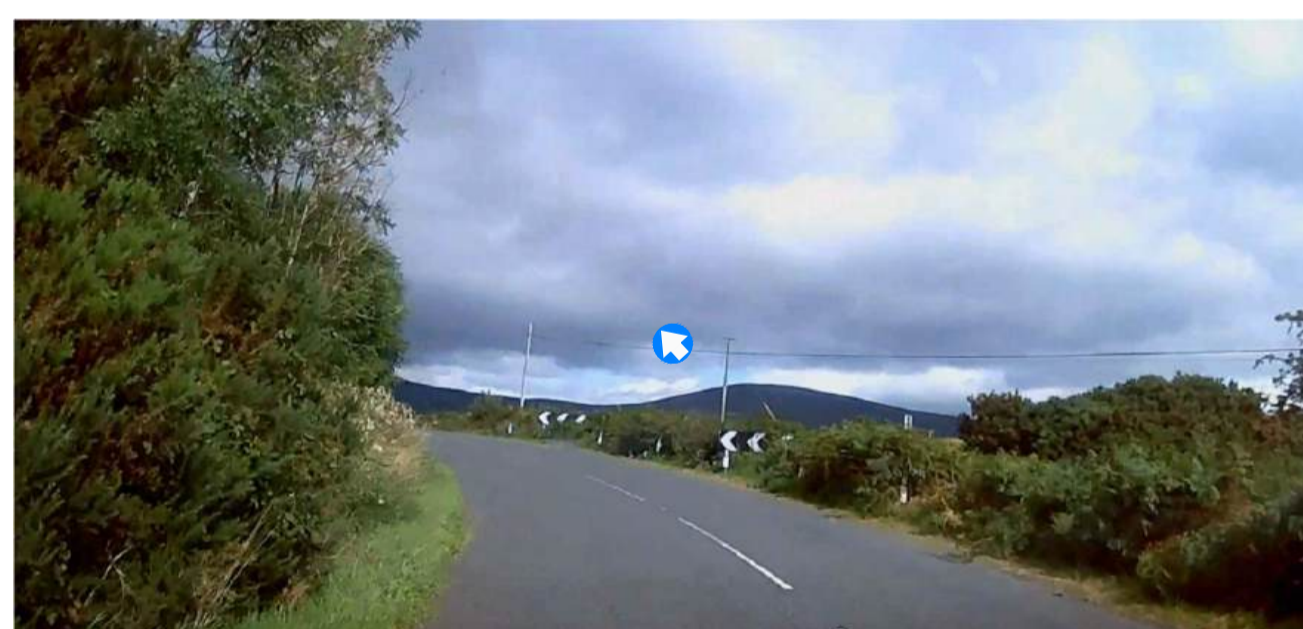
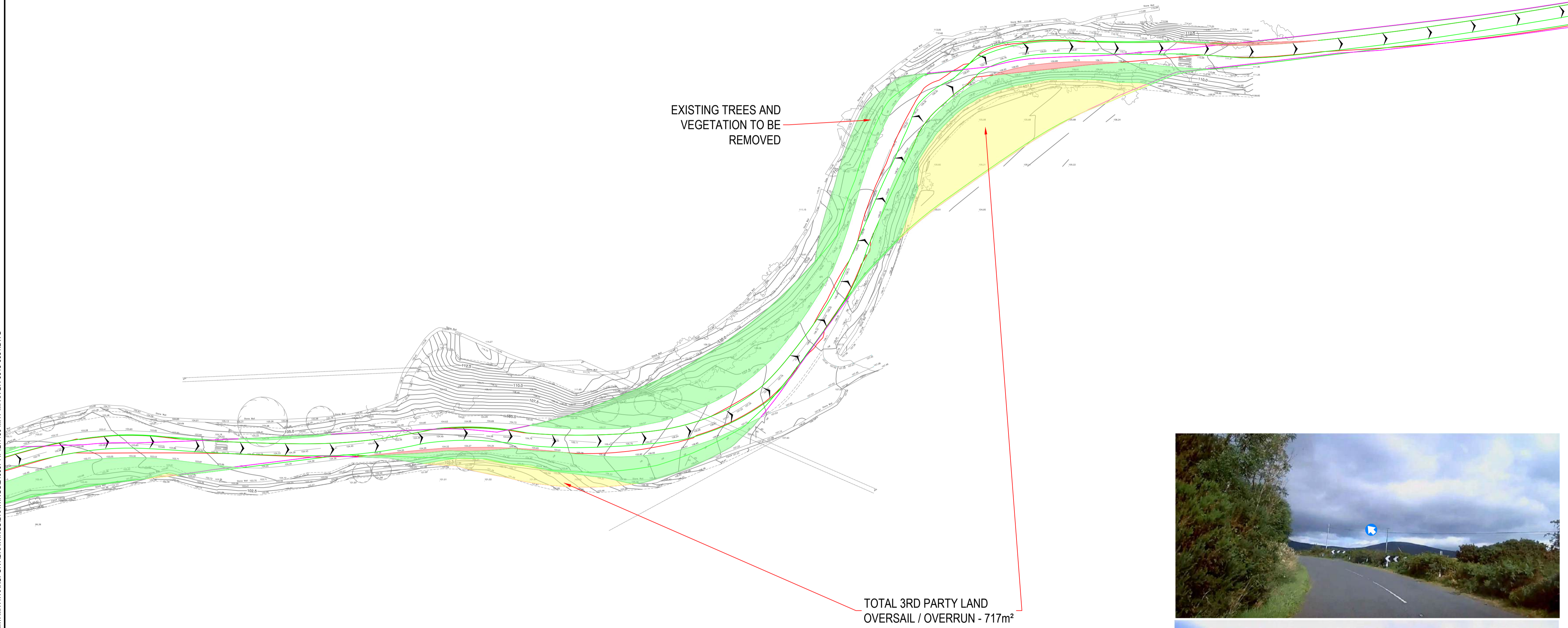
REV	DESCRIPTION	BY	DATE
A	FOR INFORMATION	RA	18.09.23
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C	FOR INFORMATION	RA	19.07.24

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LEGEND

- LOAD OVERSAIL WITHIN ASSUMED HIGHWAY BOUNDARY.
- VEHICLE OVERRUN WITHIN ASSUMED HIGHWAY BOUNDARY
- OVERSAIL / OVERRUN OF ASSUMED 3RD PARTY LAND.
- PHOTOGRAPH LOCATION AND DIRECTION.



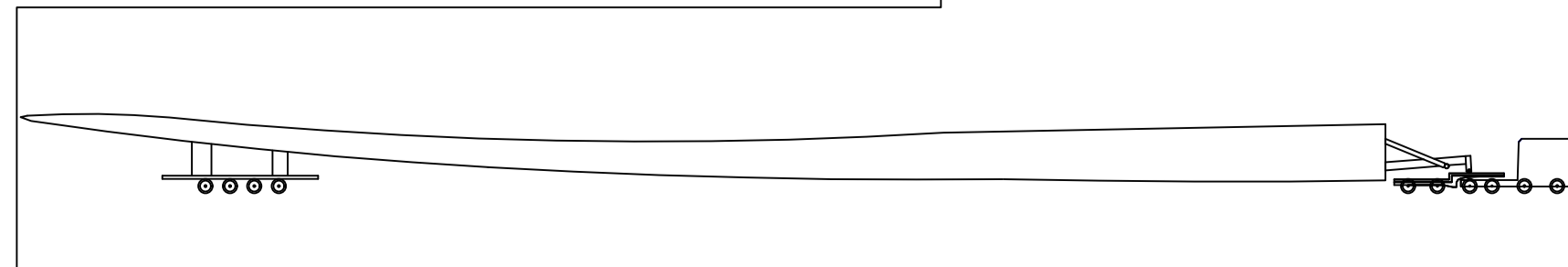
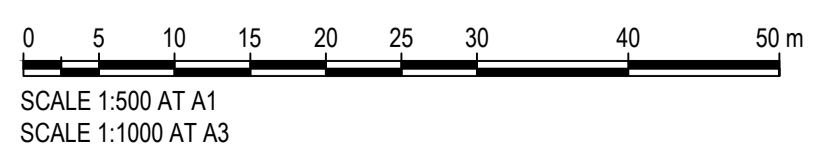
PROJECT

BLAIR HILL WIND FARM

CLIENT
RES

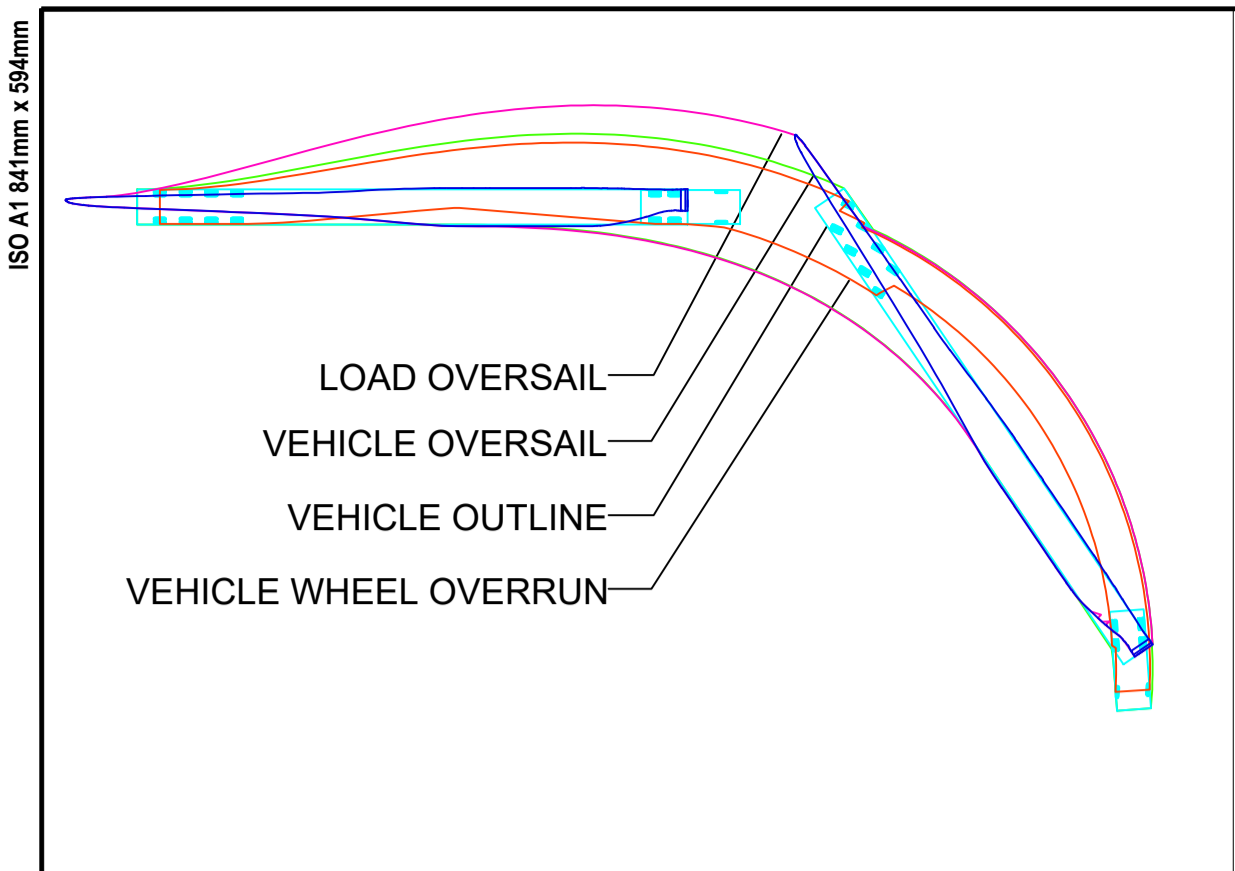
TITLE
ABNORMAL LOAD ASSESSMENT
SWEEP PATH ANALYSIS - A712
SG170 BLADE COMPONENT- NO. 28

SG170 Turbine Component Transporter	91,045m
Overall Length	4,770m
Overall Width	4,900m
Overall Body Height	0,195m
Min Body Ground Clearance	2,550m
Max Track Width	6,006
Lock to lock time	9,800m
Wall to Wall Turning Radius	83,40m
Blade Length	4,500m
Blade Width or Diameter	3,400m
Blade Height or Diameter	

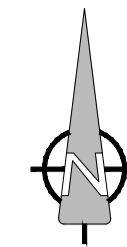


DATE: 17/07/2024

FILE LOCATION: C:\USERS\LEWIS\MURREN\MEINHARDT\UK\TDUIK PROJECTS - GENERAL\4130 - BLAIR HILL WIND FARM\1. MHT\TRANSPORT\DRAWINGS\DRAWINGS\240607-A712\4130-MHT-MI-XX-DR-001B-0031.DWG



HIGH



FOR INFORMATION

REV	DESCRIPTION	BY	DATE
A	FOR INFORMATION	RA	18.09.23
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C	FOR INFORMATION	RA	19.07.24

NOTES:

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- THIRD PARTY LAND TO BE CONFIRMED THROUGH LAND OWNERSHIP VIA TOPOGRAPHICAL SURVEY

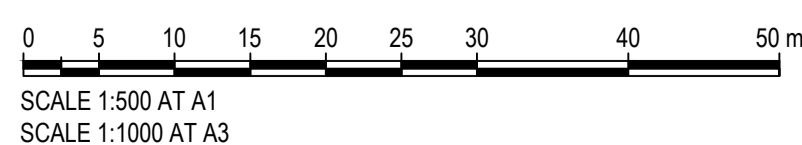
LEGEND

- LOAD OVERSAIL WITHIN ASSUMED HIGHWAY BOUNDARY.
- VEHICLE OVERRUN WITHIN ASSUMED HIGHWAY BOUNDARY
- OVERSAIL / OVERRUN OF ASSUMED 3RD PARTY LAND.
- PHOTOGRAPH LOCATION AND DIRECTION.

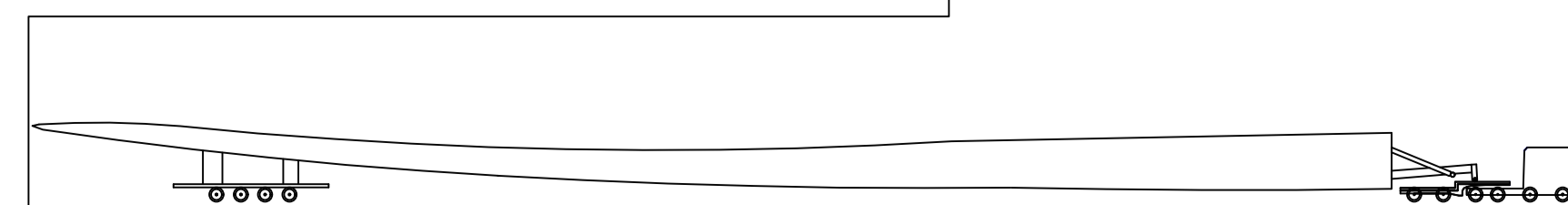


EXISTING TREES AND VEGETATION TO BE REMOVED

TOTAL 3RD PARTY LAND OVERRUN / OVERSAIL - 75m²



SG170 Turbine Component Transporter	91,045m
Overall Length	4,770m
Overall Width	4,900m
Overall Body Height	0,195m
Min Body Ground Clearance	2,550m
Max Track Width	6,006
Lock to lock time	9,800m
Wall to Wall Turning Radius	83,40m
Blade Length	4,500m
Blade Width or Diameter	3,400m
Blade Height or Diameter	

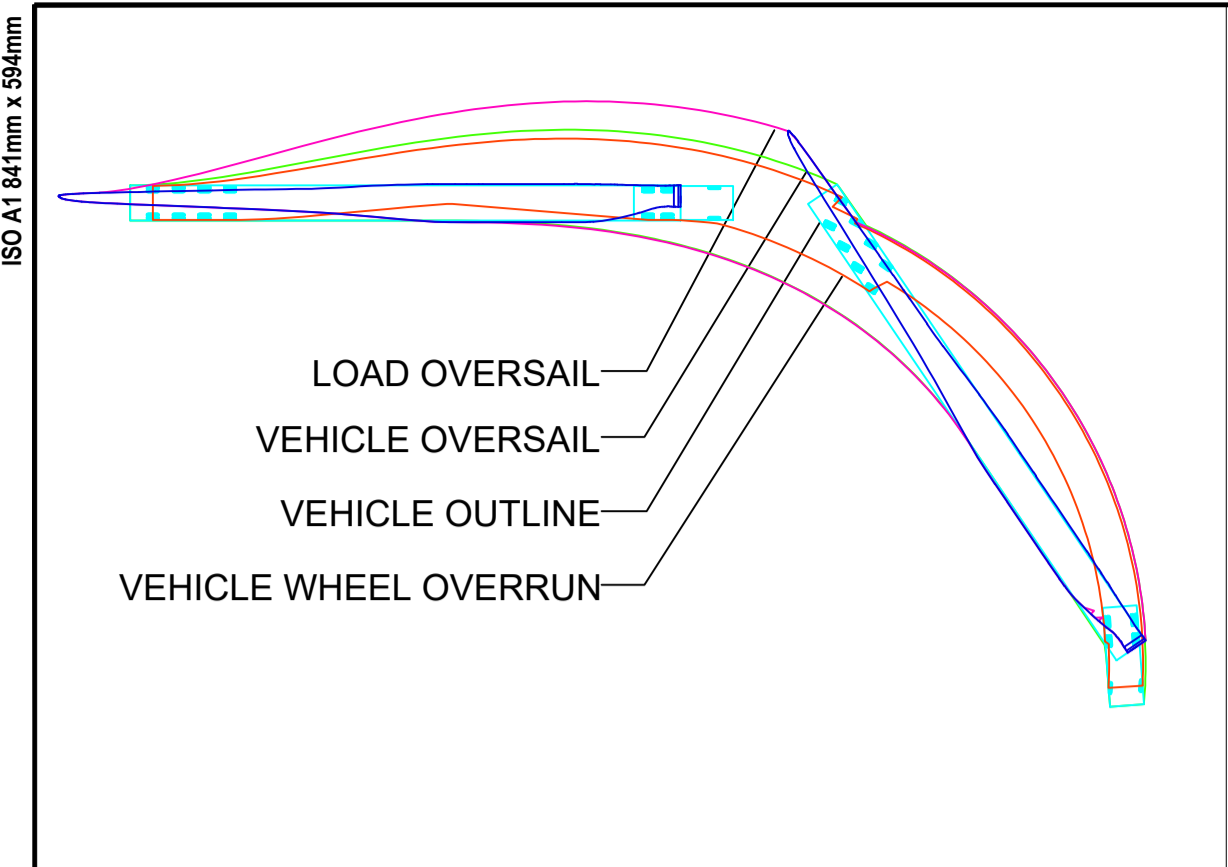


PROJECT
BLAIR HILL WIND FARM

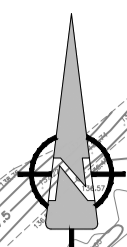
CLIENT
RES

TITLE
ABNORMAL LOAD ASSESSMENT
SWEEP PATH ANALYSIS - A712
SG170 BLADE COMPONENT- NO. 29

DISCIPLINE			SCALE
MOBILITY & INFRASTRUCTURE			1:500
DRAWN	DESIGNED	CHECKED	APPROVED
RA	RA	KMCK	CR
DRAWING No			ISSUE
4130-MHT-MI-XX-DR-0027			B



HIGH



FOR INFORMATION			
REV	DESCRIPTION	BY	DATE
A	FOR INFORMATION	RA	18.09.23
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C	FOR INFORMATION	RA	19.07.24

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 - THIRD PARTY LAND TO BE CONFIRMED THROUGH LAND OWNERSHIP VIA TOPOGRAPHICAL SURVEY

- LEGEND**
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 - VEHICLE OVERRUN WITHIN ASSUMED HIGHWAY BOUNDARY
 - OVERSAIL / OVERRUN OF ASSUMED 3RD PARTY LAND.
 - PHOTOGRAPH LOCATION AND DIRECTION.

EXISTING TREES AND VEGETATION TO BE REMOVED



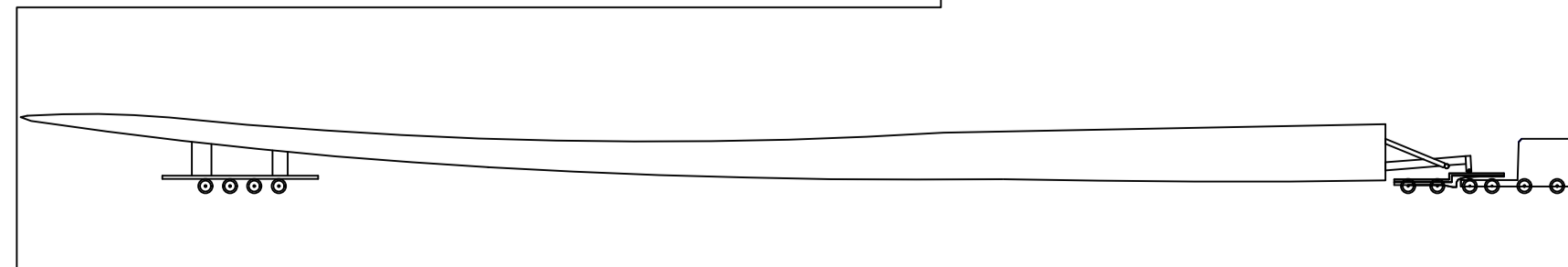
MEINHARDT
 1st Floor, 9 George Square, Glasgow, G2 1DY
 Telephone: +44 (0) 141 378 4235
 www.meinhardt.co.uk

PROJECT
BLAIR HILL WIND FARM

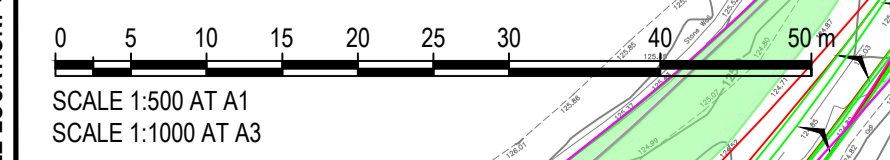
CLIENT
RES

TITLE
**ABNORMAL LOAD ASSESSMENT
 SWEPT PATH ANALYSIS - A712
 SG170 BLADE COMPONENT- NO. 30**

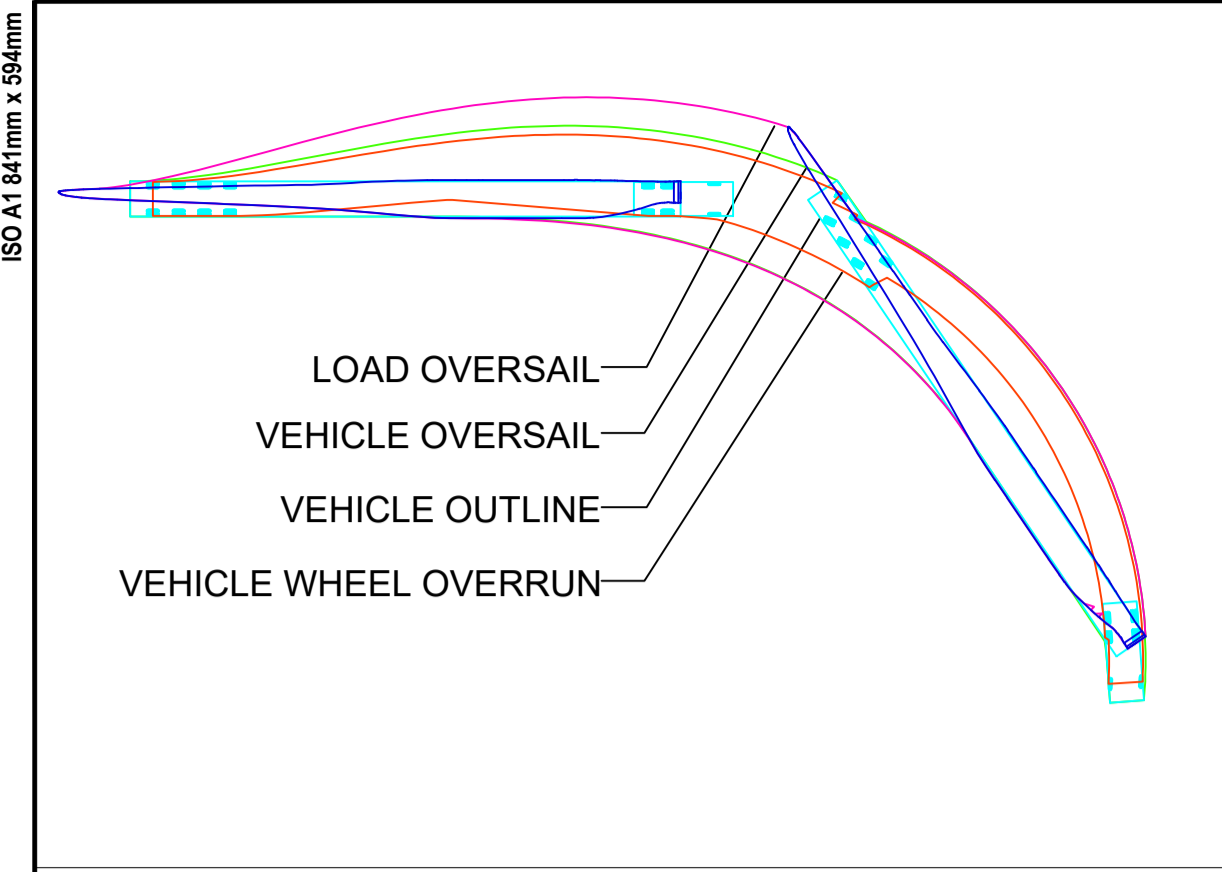
SG170 Turbine Component Transporter	91,045m
Overall Length	4,770m
Overall Width	4,900m
Overall Body Height	0,195m
Min Body Ground Clearance	2,550m
Max Track Width	6,006
Lock to lock time	9,800m
Wall to Wall Turning Radius	83,40m
Blade Length	4,500m
Blade Width or Diameter	3,400m
Blade Height or Diameter	



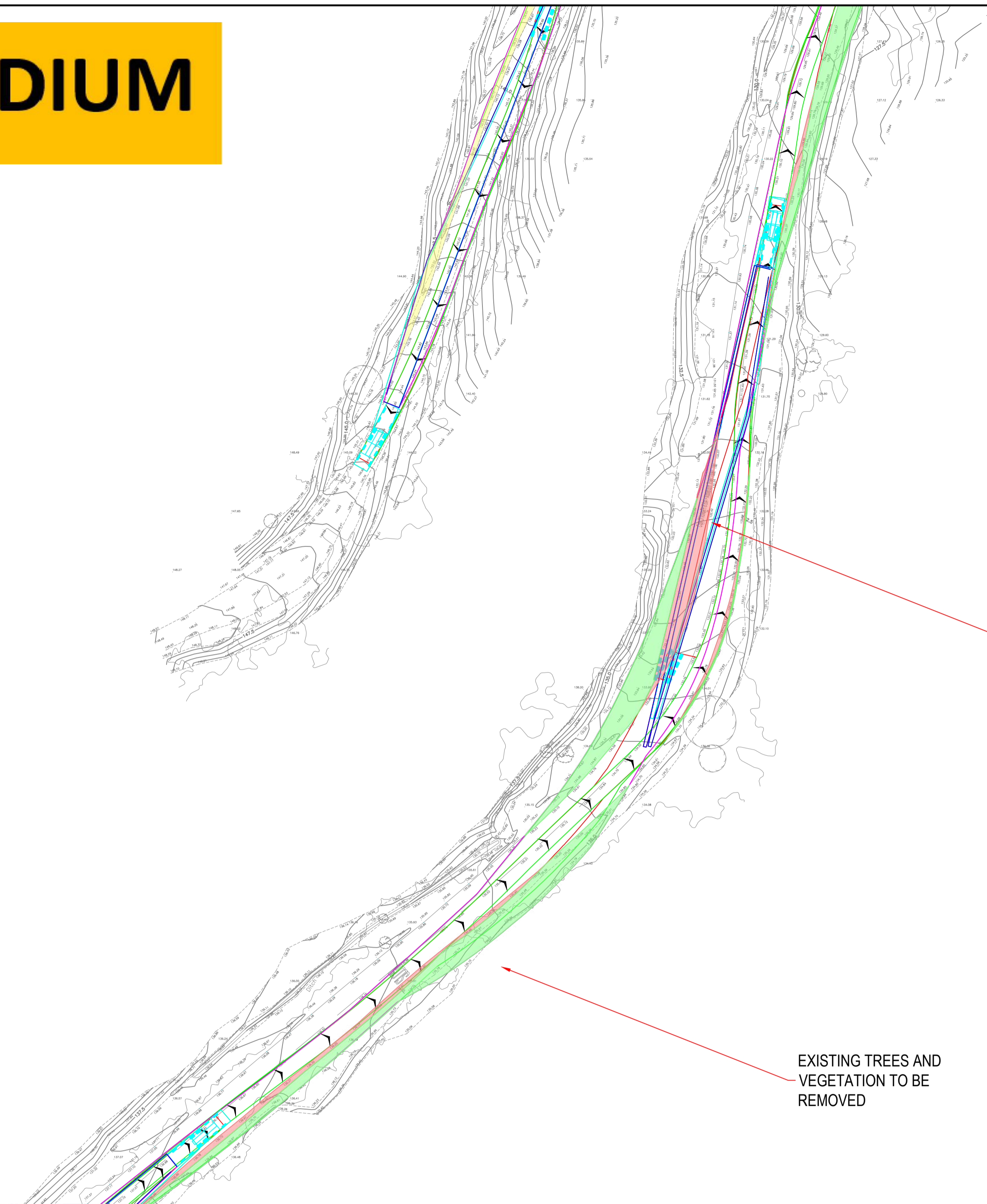
DATE: 17/07/2024
 FILE LOCATION: C:\USERS\LEWIS.MURREN\MEINHARDT\UK\TDL\UK PROJECTS - GENERAL\4130 - BLAIR HILL WIND FARM\1. MHT\TRANSPORT\DRAWINGS\DRAWINGS\240607-A712\4130-MHT-MI-XX-DR-0018-0031.DWG



DISCIPLINE		SCALE
MOBILITY & INFRASTRUCTURE		1:500
DRAWN	DESIGNED	CHECKED
RA	RA	KMCK
APPROVED		ISSUE
DRAWING No		4130-MHT-MI-XX-DR-0028
		C

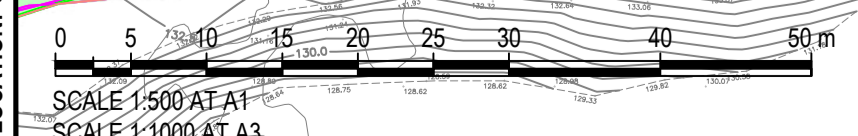


MEDIUM

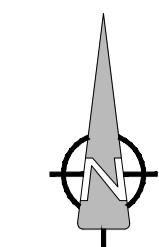
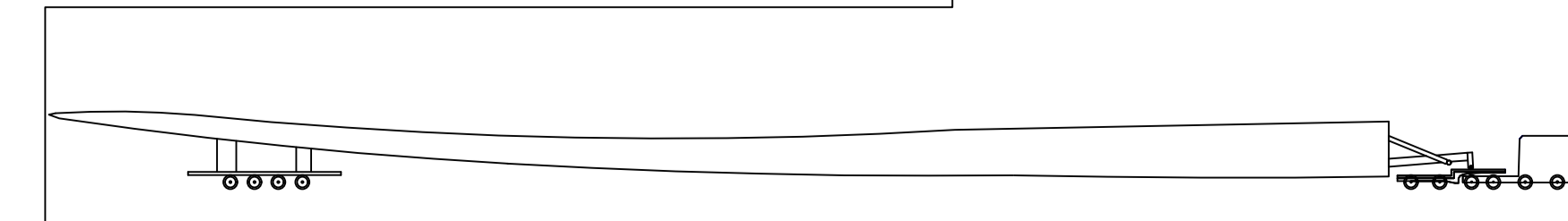


EXISTING TREES AND VEGETATION TO BE REMOVED

EXISTING TREES AND VEGETATION TO BE REMOVED



SG170 Turbine Component Transporter	91,045m
Overall Length	4,770m
Overall Width	4,900m
Overall Body Height	0,195m
Min Body Ground Clearance	2,550m
Max Track Width	6,000m
Lock to lock time	9,800m
Wall to Wall Turning Radius	83,40m
Blade Length	4,500m
Blade Width or Diameter	3,400m
Blade Height or Diameter	



FOR INFORMATION

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 - THIRD PARTY LAND TO BE CONFIRMED THROUGH LAND OWNERSHIP VIA TOPOGRAPHICAL SURVEY

- LEGEND**
- LOAD OVERSAIL WITHIN ASSUMED HIGHWAY BOUNDARY.
 - VEHICLE OVERRUN WITHIN ASSUMED HIGHWAY BOUNDARY
 - OVERSAIL / OVERRUN OF ASSUMED 3RD PARTY LAND.
 - PHOTOGRAPH LOCATION AND DIRECTION.



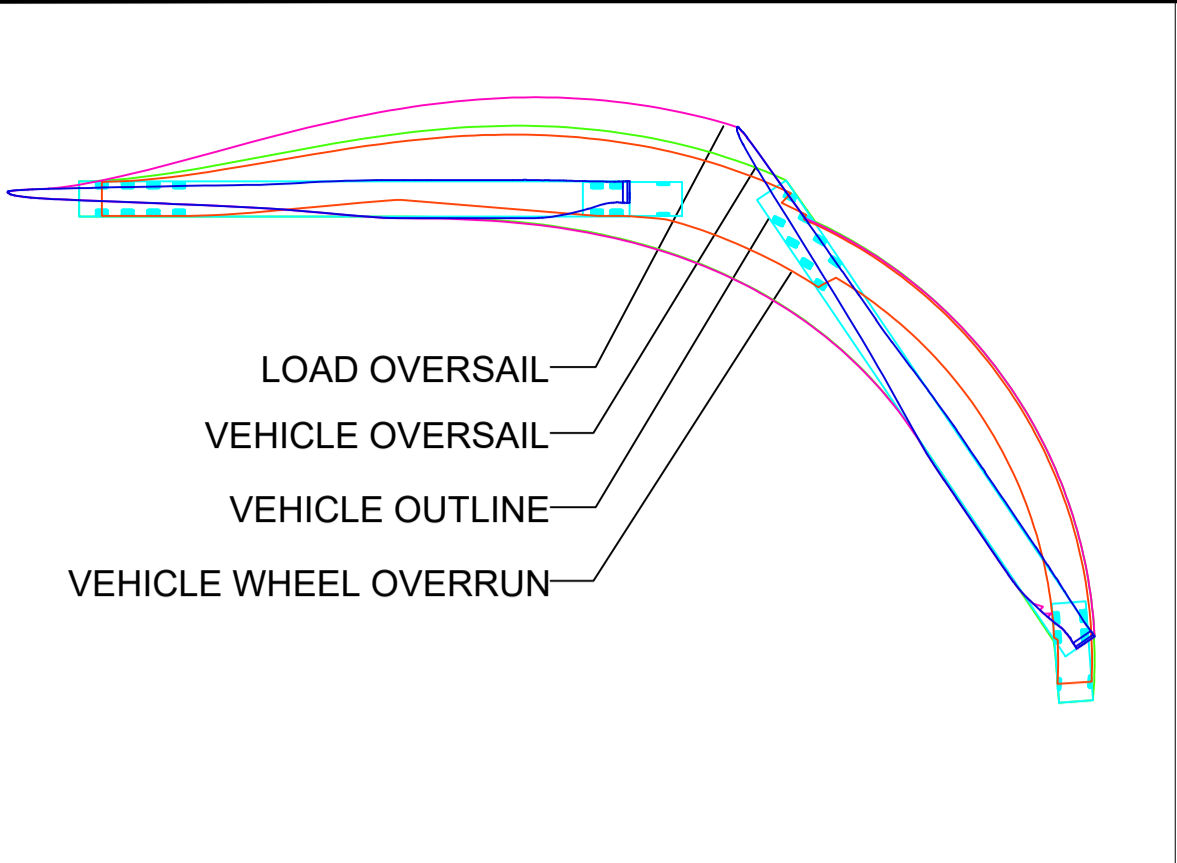
PROJECT
BLAIR HILL WIND FARM

CLIENT
RES

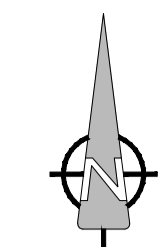
TITLE
**ABNORMAL LOAD ASSESSMENT
SWEEP PATH ANALYSIS - A712
SG170 BLADE COMPONENT- NO. 31**

DISCIPLINE	SCALE		
MOBILITY & INFRASTRUCTURE	1:500		
DRAWN	DESIGNED	CHECKED	APPROVED
RA	RA	KMCK	CR
DRAWING No	ISSUE		
4130-MHT-MI-XX-DR-0029	C		

ISO A1 841mm x 594mm



HIGH



FOR INFORMATION

REV	DESCRIPTION	BY	DATE
A	FOR INFORMATION	RA	18.09.23
B	FOR INFORMATION	RA	17.11.23
C	FOR INFORMATION	RA	19.07.24

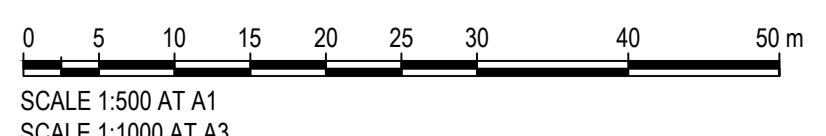
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 - THIRD PARTY LAND TO BE CONFIRMED THROUGH LAND OWNERSHIP VIA TOPOGRAPHICAL SURVEY

- LEGEND**
- LOAD OVERSAIL WITHIN ASSUMED HIGHWAY BOUNDARY.
 - VEHICLE OVERRUN WITHIN ASSUMED HIGHWAY BOUNDARY
 - OVERSAIL / OVERRUN OF ASSUMED 3RD PARTY LAND.
 - PHOTOGRAPH LOCATION AND DIRECTION.

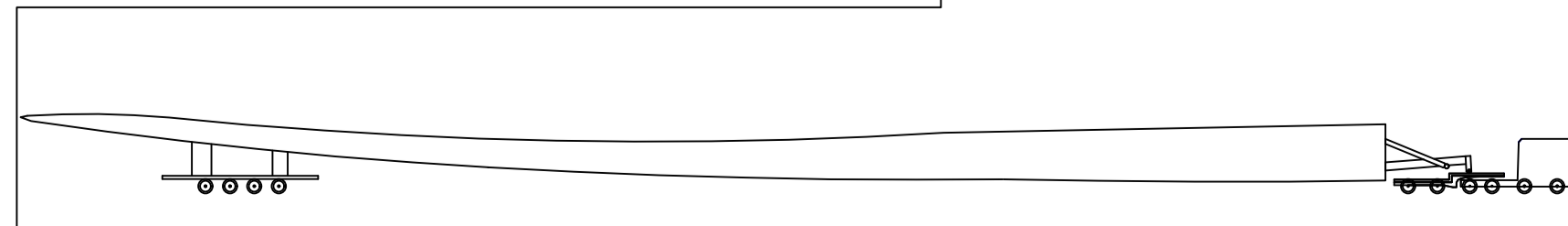
REMOVE ALL TREES AND VEGETATION TO ALLOW VEHICLE ACCESS

REMOVE ALL TREES AND VEGETATION TO ALLOW VEHICLE ACCESS

EXISTING TREES AND VEGETATION TO BE REMOVED



SG170 Turbine Component Transporter	91,045m
Overall Length	4,770m
Overall Width	4,900m
Overall Body Height	0,195m
Min Body Ground Clearance	2,550m
Max Track Width	6,000
Lock to lock time	9,800m
Wall to Wall Turning Radius	83,40m
Blade Length	4,500m
Blade Width or Diameter	3,400m
Blade Height or Diameter	



PROJECT
BLAIR HILL WIND FARM

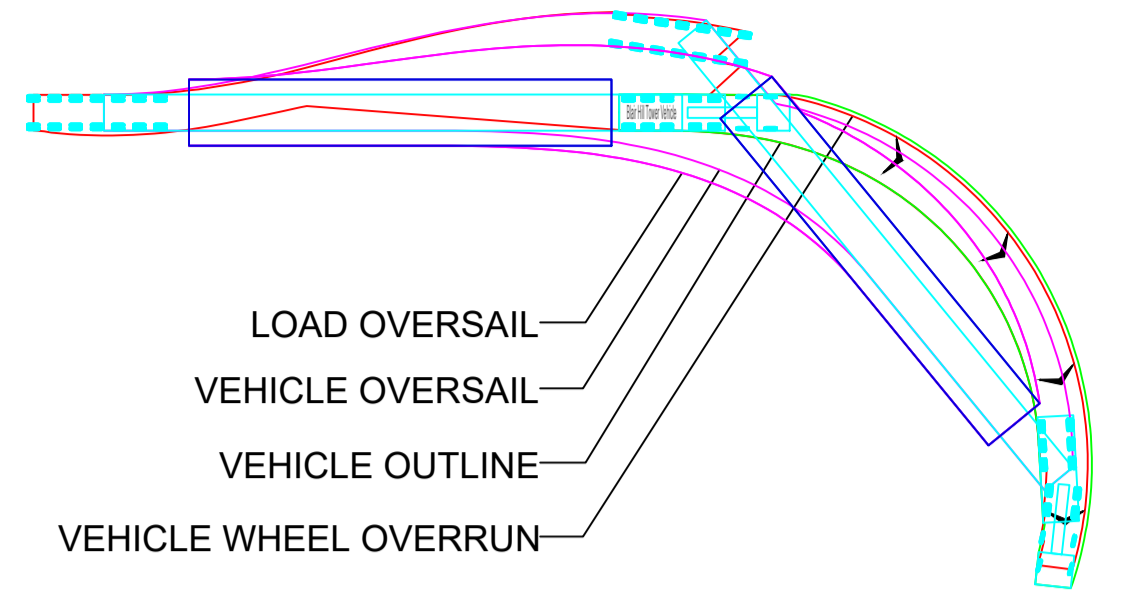
CLIENT
RES

TITLE
**ABNORMAL LOAD ASSESSMENT
 SWEEP PATH ANALYSIS - A712
 SG170 BLADE COMPONENT- NO. 32**

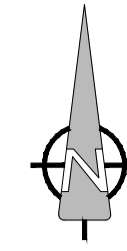
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MOBILITY & INFRASTRUCTURE			1:500
DRAWN	DESIGNED	CHECKED	APPROVED
RA	RA	KMCK	CR
DRAWING No			ISSUE
4130-MHT-MI-XX-DR-0030			C

DATE: 17/07/2024

FILE LOCATION: C:\USERS\LEWIS.MURREN\MEINHARDT\UK\TDL\UK PROJECTS - GENERAL\4130 - BLAIR HILL WIND FARM\1. MHT\TRANSPORT\DRAWINGS\DRAWINGS\240607-A712\4130-MHT-MI-XX-DR-0030-0031.DWG



MEDIUM

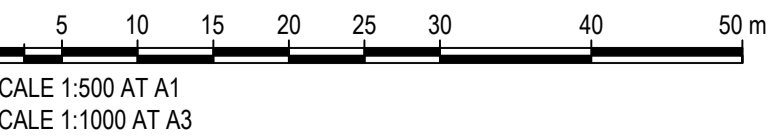
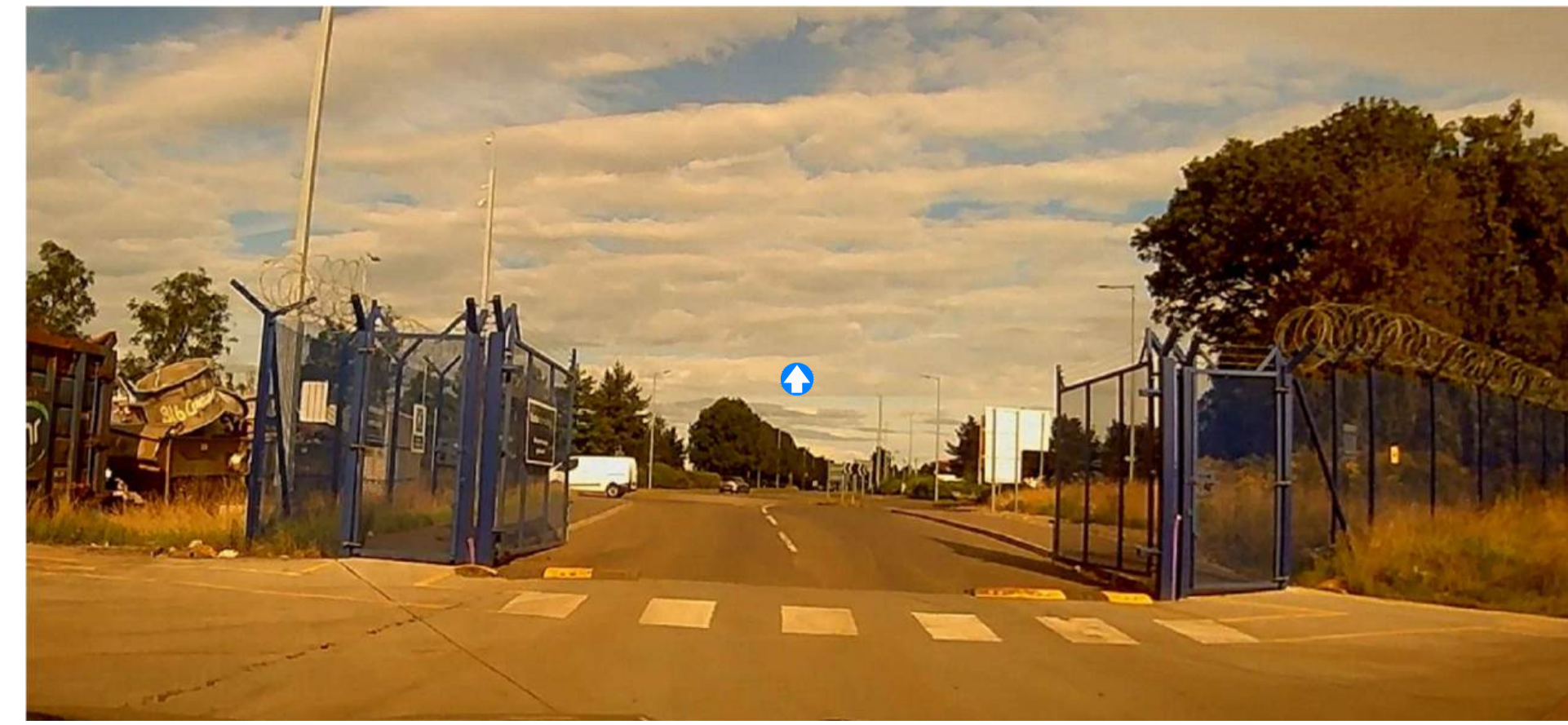


FOR INFORMATION

REV	DESCRIPTION	BY	DATE
A	FOR INFORMATION	RA	18.09.23
B	FOR INFORMATION	RA	17.11.23
C	FOR INFORMATION	RA	19.07.24

- NOTES:**
- DO NOT SCALE. ALL MEASUREMENTS AND COORDINATES TO BE CHECKED ON SITE.
 - ALL MAPPING INFORMATION TO BE CHECKED ON SITE PRIOR TO COMMENCEMENT OF WORKS.
 - INDICATIVE VEHICLE MODELS ARE DESIGNED USING TECHNICAL SPECIFICATIONS. RESULTS SHOULD BE REVIEWED BY HAULIER, INCLUDING A DRY RUN ON SITE, PRIOR TO COMMENCEMENT ON SITE.
 - VERTICAL CLEARANCE HAS BEEN INFORMED VIA DESKTOP STUDY AND SITE VISIT ONLY. CONFIRMATION REQUIRED PRIOR TO COMMENCEMENT OF WORKS.
 - THIRD PARTY LAND TO BE CONFIRMED THROUGH LAND OWNERSHIP VIA TOPOGRAPHICAL SURVEY

- LEGEND**
- LOAD OVERSAIL WITHIN ASSUMED HIGHWAY BOUNDARY.
 - VEHICLE OVERRUN WITHIN ASSUMED HIGHWAY BOUNDARY
 - OVERSAIL / OVERRUN OF ASSUMED 3RD PARTY LAND.
 - PHOTOGRAPH LOCATION AND DIRECTION.



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Ruin



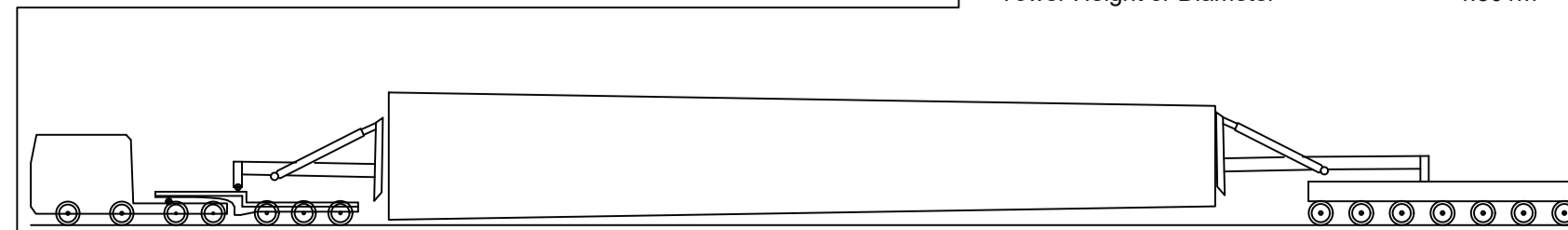
MEINHARDT
 1st Floor, 9 George Square, Glasgow, G2 1DY
 Telephone: +44 (0) 141 378 4235
 www.meinhardt.co.uk

PROJECT
BLAIR HILL WIND FARM

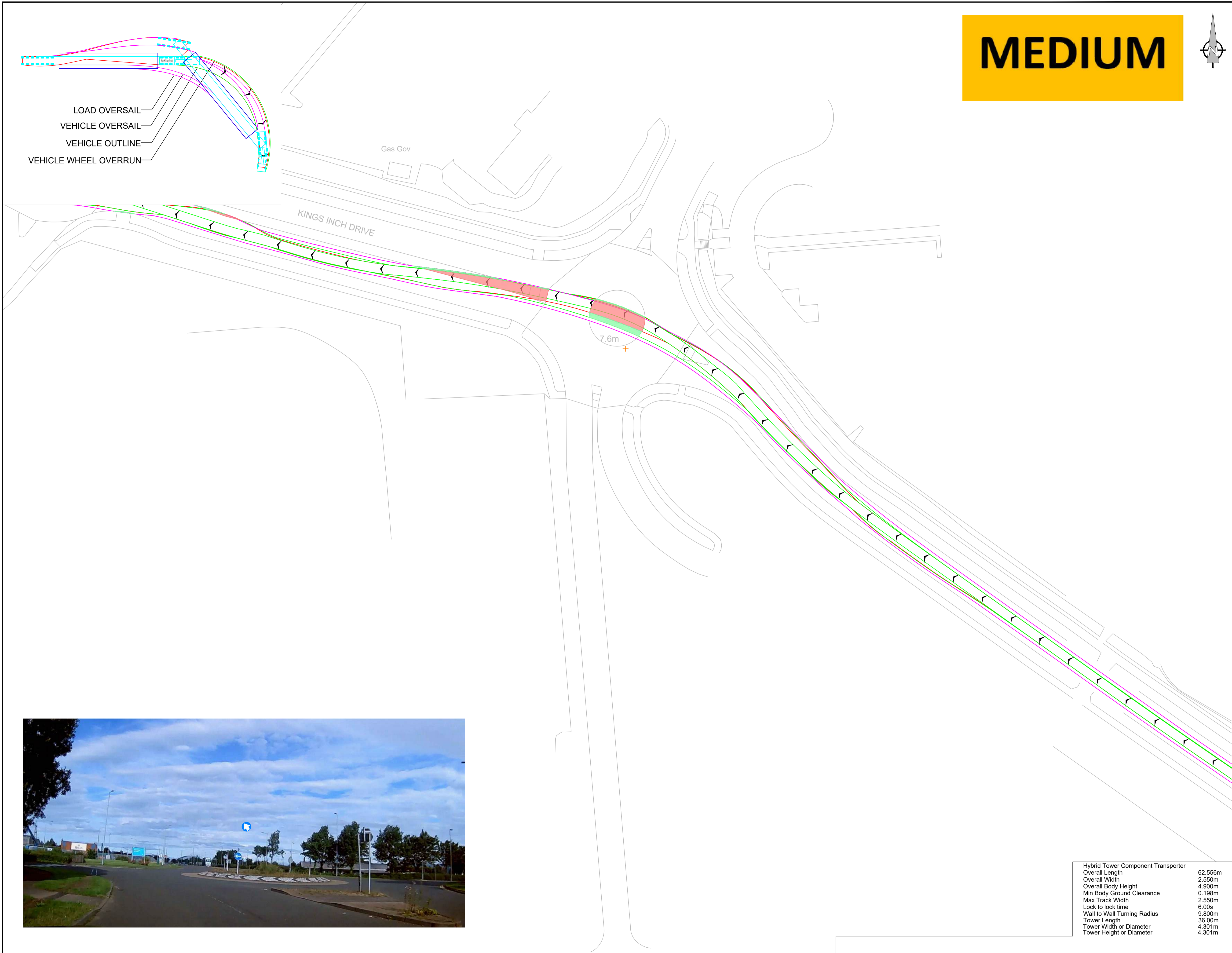
CLIENT
RES

TITLE
**ABNORMAL LOAD ASSESSMENT
 SWEPT PATH ANALYSIS
 SG170 HYBRID TOWER COMPONENT - NO. 1**

Hybrid Tower Component Transporter	
Overall Length	62.556m
Overall Width	2.550m
Overall Body Height	4.900m
Min Body Ground Clearance	0.198m
Max Track Width	2.550m
Lock to lock time	6.00s
Wall to Wall Turning Radius	9.800m
Tower Length	36.00m
Tower Width or Diameter	4.301m
Tower Height or Diameter	4.301m



DISCIPLINE			SCALE
MOBILITY & INFRASTRUCTURE			1:500
DRAWN	DESIGNED	CHECKED	APPROVED
RA	RA	KMCK	CR
DRAWING No			ISSUE
4130-MHT-MI-XX-DR-0101			C



MEDIUM



FOR INFORMATION

REV	DESCRIPTION	BY	DATE
A	FOR INFORMATION	RA	18.09.23
B	FOR INFORMATION	RA	17.11.23
C	FOR INFORMATION	RA	19.07.24

NOTES:

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- THIRD PARTY LAND TO BE CONFIRMED THROUGH LAND OWNERSHIP VIA TOPOGRAPHICAL SURVEY

LEGEND

- █ LOAD OVERSAIL WITHIN ASSUMED HIGHWAY BOUNDARY.
- █ VEHICLE OVERRUN WITHIN ASSUMED HIGHWAY BOUNDARY
- █ OVERSAIL / OVERRUN OF ASSUMED 3RD PARTY LAND.
- PHOTOGRAPH LOCATION AND DIRECTION.



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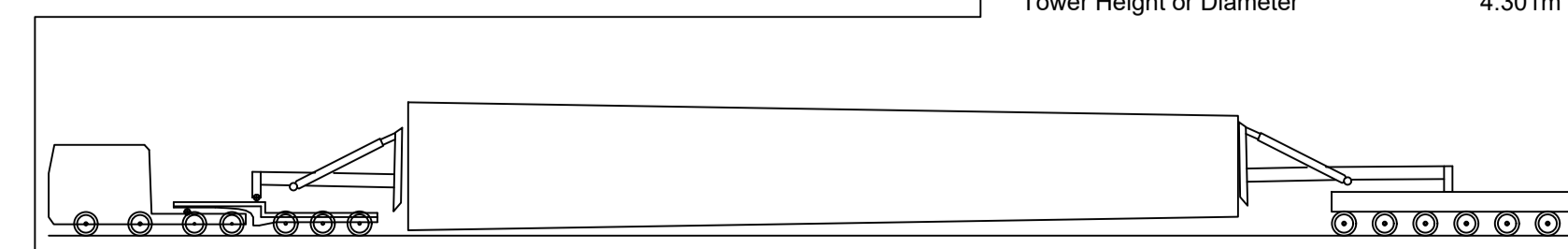
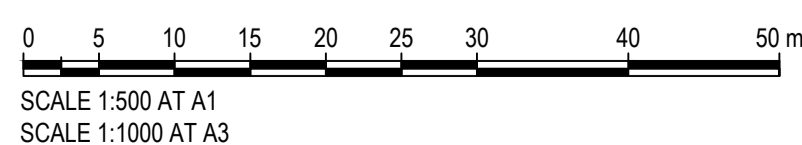
PROJECT
BLAIR HILL WIND FARM

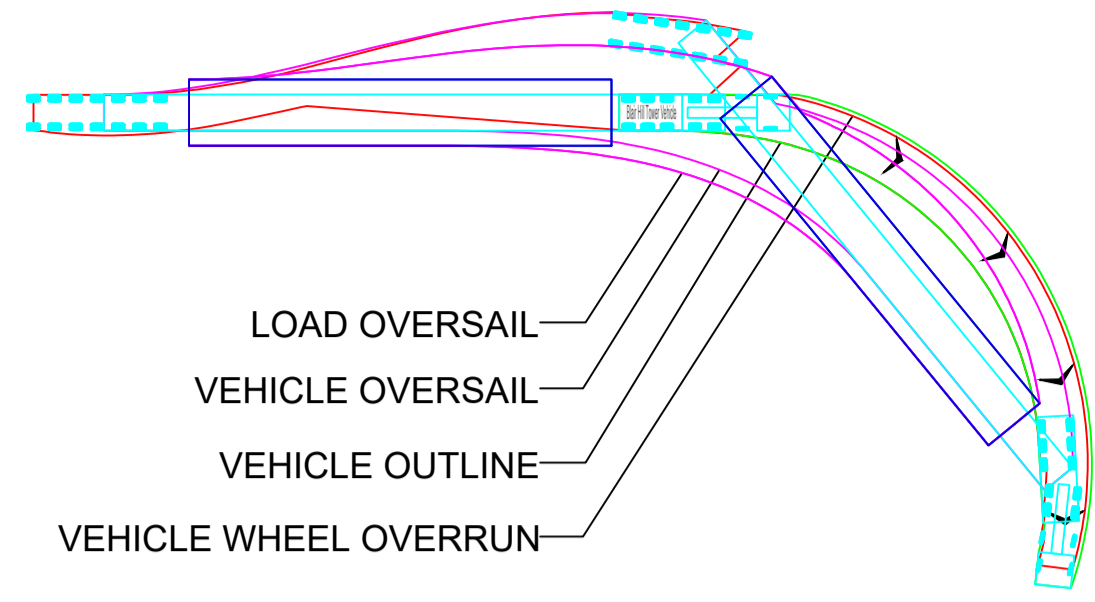
CLIENT
RES

TITLE
**ABNORMAL LOAD ASSESSMENT
SWEEP PATH ANALYSIS
SG170 HYBRID TOWER COMPONENT- NO. 2**

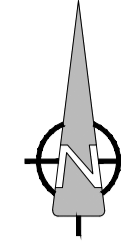
Hybrid Tower Component Transporter	
Overall Length	62.556m
Overall Width	2.550m
Overall Body Height	4.900m
Min Body Ground Clearance	0.198m
Max Track Width	2.550m
Lock to lock time	6.00s
Wall to Wall Turning Radius	9.800m
Tower Length	36.00m
Tower Width or Diameter	4.301m
Tower Height or Diameter	4.301m

DISCIPLINE			SCALE
MOBILITY & INFRASTRUCTURE			1:500
DRAWN	DESIGNED	CHECKED	APPROVED
RA	RA	KMCK	CR
DRAWING No			ISSUE
4130-MHT-MI-XX-DR-0102			C





LOW



FOR INFORMATION

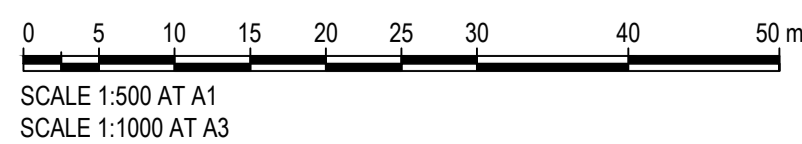
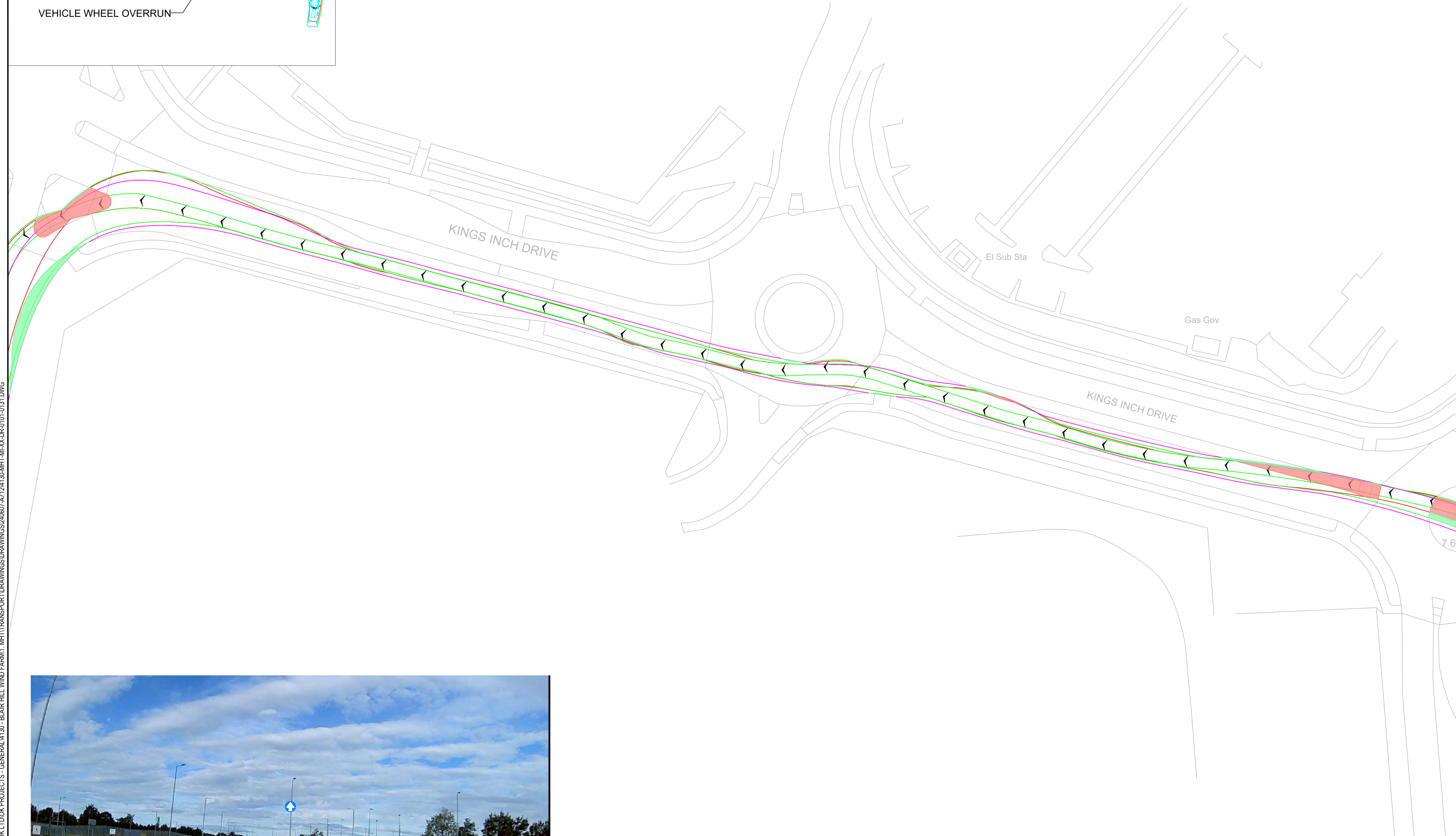
REV	DESCRIPTION	BY	DATE
A	FOR INFORMATION	RA	18.09.23
B	FOR INFORMATION	RA	17.11.23
C	FOR INFORMATION	RA	19.07.24

NOTES:

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- THIRD PARTY LAND TO BE CONFIRMED THROUGH LAND OWNERSHIP VIA TOPOGRAPHICAL SURVEY

LEGEND

- LOAD OVERSAIL WITHIN ASSUMED HIGHWAY BOUNDARY.
- VEHICLE OVERRUN WITHIN ASSUMED HIGHWAY BOUNDARY
- OVERSAIL / OVERRUN OF ASSUMED 3RD PARTY LAND.
- PHOTOGRAPH LOCATION AND DIRECTION.



Hybrid Tower Component Transporter	
Overall Length	62.556m
Overall Width	2.550m
Overall Body Height	4.900m
Min Body Ground Clearance	0.198m
Max Track Width	2.550m
Lock to lock time	6.00s
Wall to Wall Turning Radius	9.800m
Tower Length	36.00m
Tower Width or Diameter	4.301m
Tower Height or Diameter	4.301m



PROJECT
BLAIR HILL WIND FARM

CLIENT
RES

TITLE
**ABNORMAL LOAD ASSESSMENT
SWEEP PATH ANALYSIS
SG170 HYBRID TOWER COMPONENT- NO. 3**

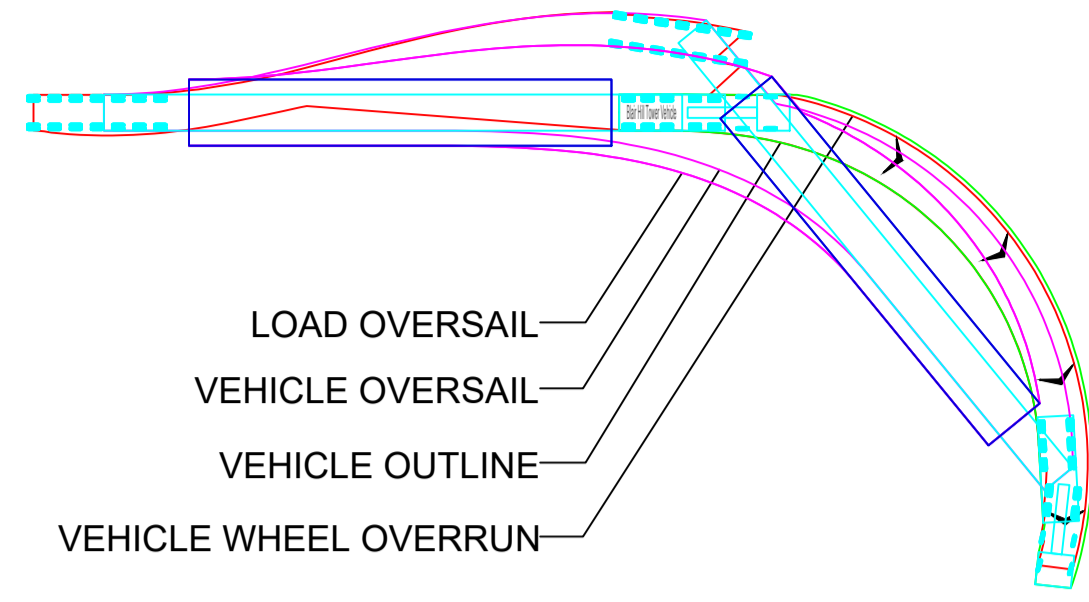
DISCIPLINE
MOBILITY & INFRASTRUCTURE

SCALE
1:500

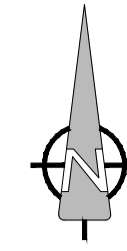
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RA	RA	KMCK	CR

DRAWING No
4130-MHT-MI-XX-DR-0103

ISSUE
C



MEDIUM

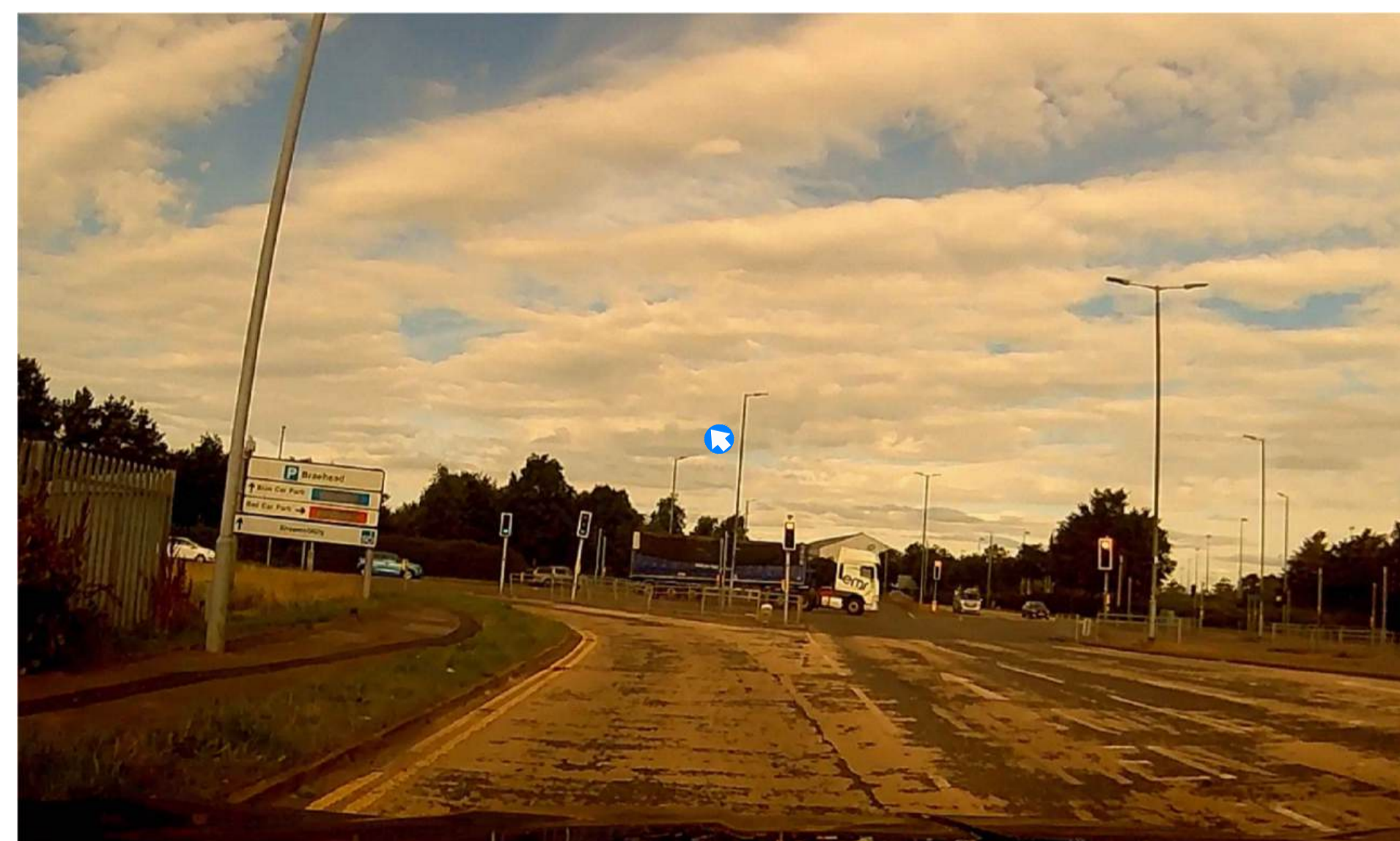
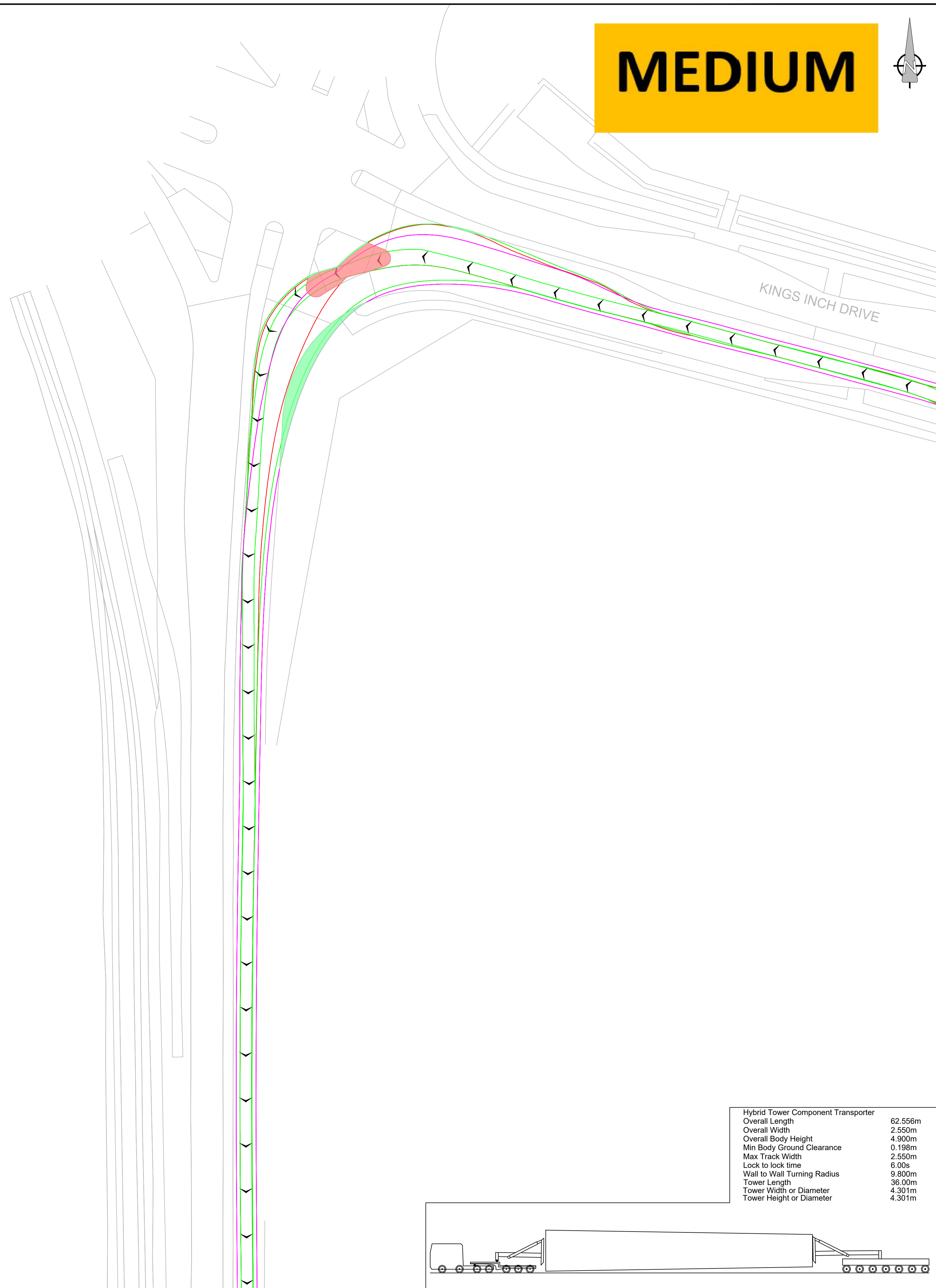


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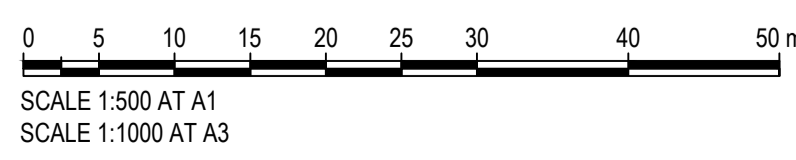
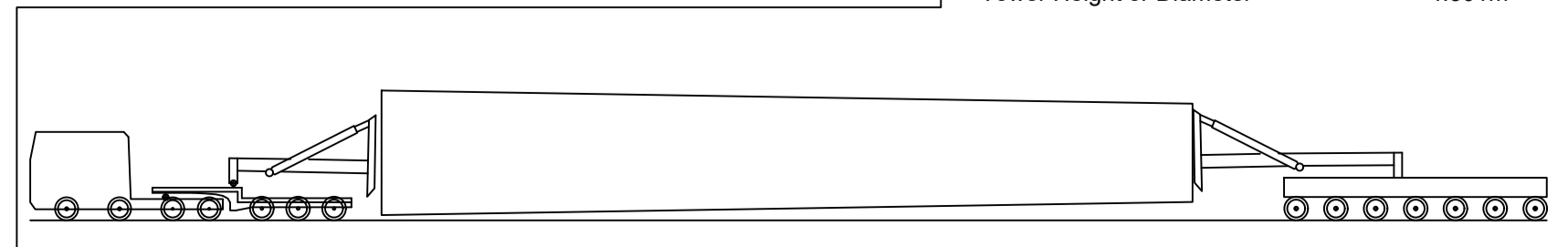
REV	DESCRIPTION	BY	DATE
A	FOR INFORMATION	RA	18.09.23
B	FOR INFORMATION	RA	17.11.23
C	FOR INFORMATION	RA	19.07.24

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 - THIRD PARTY LAND TO BE CONFIRMED THROUGH LAND OWNERSHIP VIA TOPOGRAPHICAL SURVEY

- LEGEND**
- LOAD OVERSAIL WITHIN ASSUMED HIGHWAY BOUNDARY.
 - VEHICLE OVERRUN WITHIN ASSUMED HIGHWAY BOUNDARY
 - OVERSAIL / OVERRUN OF ASSUMED 3RD PARTY LAND.
 - PHOTOGRAPH LOCATION AND DIRECTION.



Hybrid Tower Component Transporter	
Overall Length	62.556m
Overall Width	2.550m
Overall Body Height	4.900m
Min Body Ground Clearance	0.198m
Max Track Width	2.550m
Lock to lock time	6.00s
Wall to Wall Turning Radius	9.800m
Waller Length	36.00m
Tower Width or Diameter	4.301m
Tower Height or Diameter	4.301m

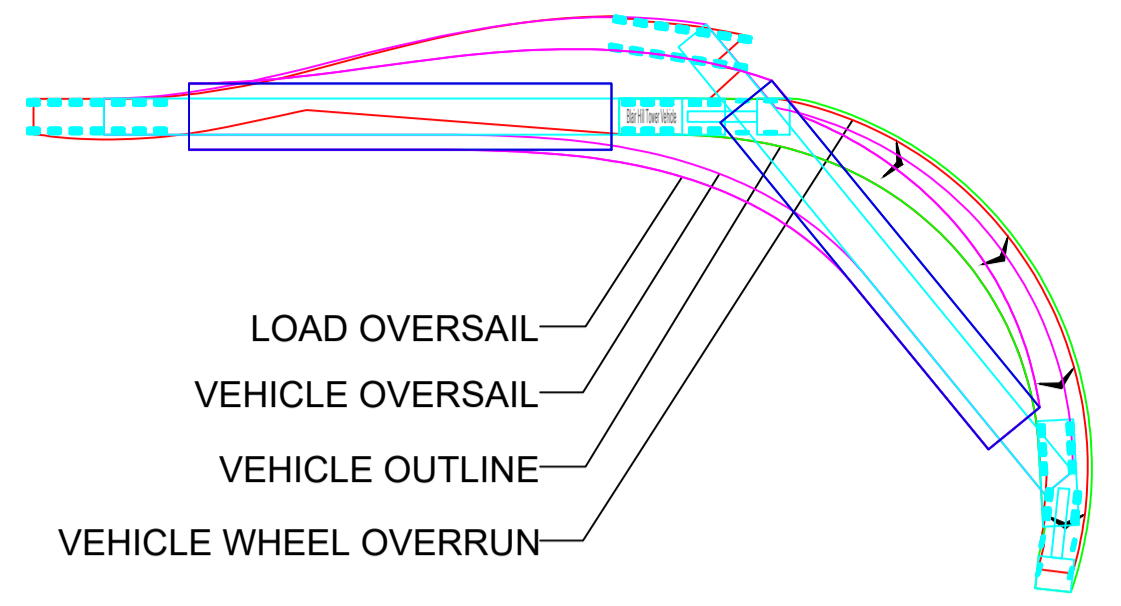


PROJECT
BLAIR HILL WIND FARM

CLIENT
RES

TITLE
ABNORMAL LOAD ASSESSMENT
SWEEP PATH ANALYSIS
SG170 HYBRID TOWER COMPONENT- NO. 4

DISCIPLINE		SCALE
MOBILITY & INFRASTRUCTURE		1:500
DRAWN	DESIGNED	CHECKED
RA	RA	KMCK
APPROVED		ISSUE
CR		C
DRAWING No		
4130-MHT-MI-XX-DR-0104		



LOW



FOR INFORMATION

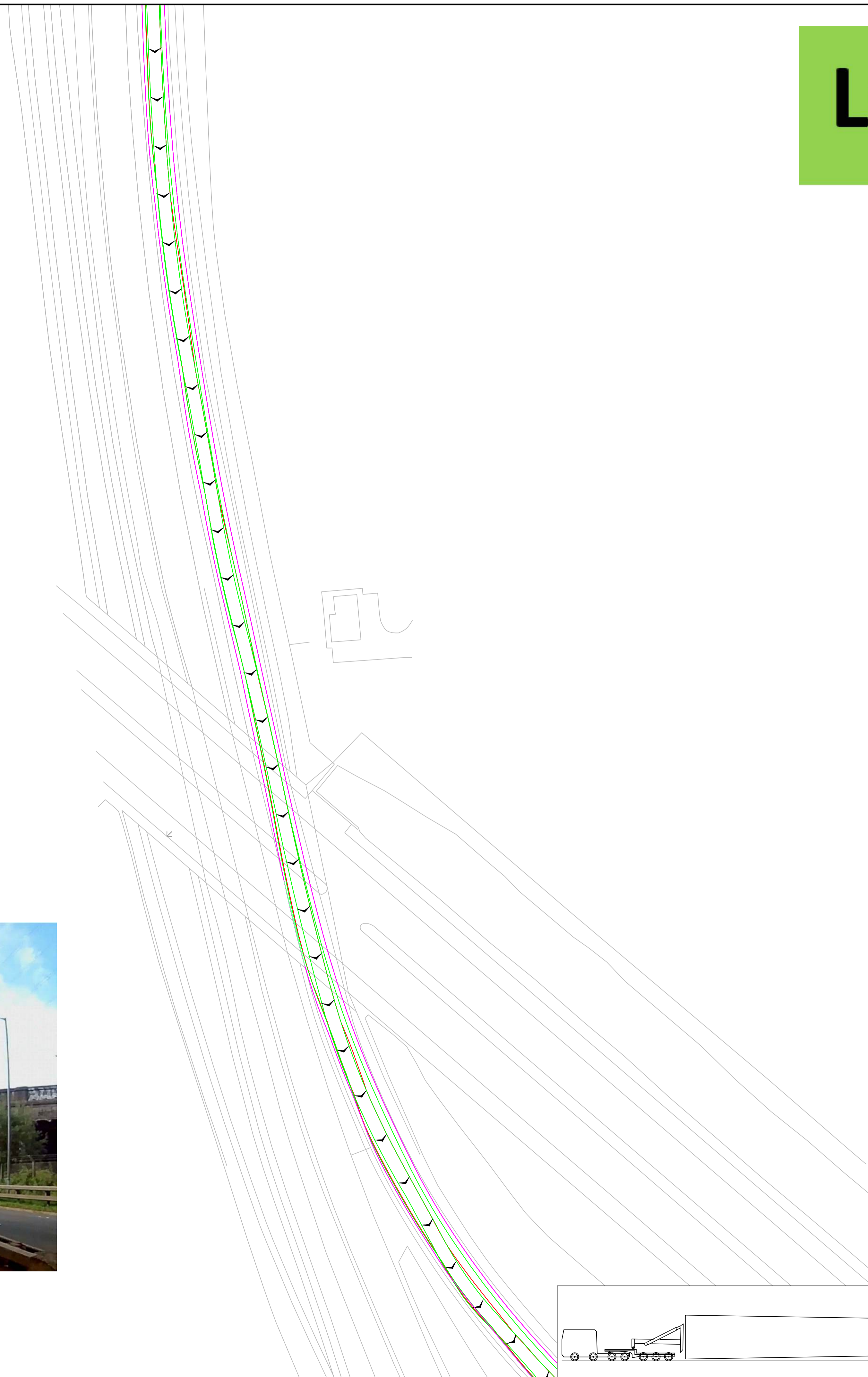
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A	FOR INFORMATION	RA	18.09.23
B	FOR INFORMATION	RA	17.11.23
C	FOR INFORMATION	RA	19.07.24

NOTES:

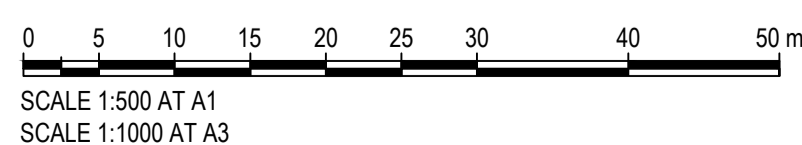
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- THIRD PARTY LAND TO BE CONFIRMED THROUGH LAND OWNERSHIP VIA TOPOGRAPHICAL SURVEY

LEGEND

- LOAD OVERSAIL WITHIN ASSUMED HIGHWAY BOUNDARY.
- VEHICLE OVERRUN WITHIN ASSUMED HIGHWAY BOUNDARY
- OVERSAIL / OVERRUN OF ASSUMED 3RD PARTY LAND.
- PHOTOGRAPH LOCATION AND DIRECTION.



Hybrid Tower Component Transporter	
Overall Length	62.556m
Overall Width	2.550m
Overall Body Height	4.900m
Min Body Ground Clearance	0.198m
Max Track Width	2.550m
Lock to lock time	6.00s
Wall to Wall Turning Radius	9.800m
Tower Length	36.00m
Tower Width or Diameter	4.301m
Tower Height or Diameter	4.301m



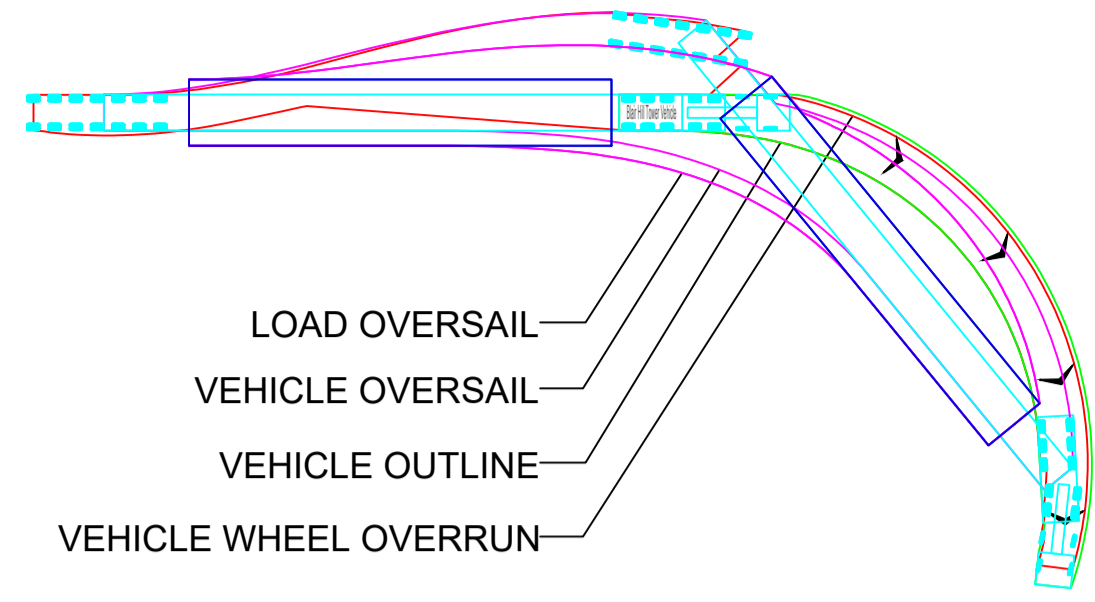
PROJECT
BLAIR HILL WIND FARM

CLIENT
RES

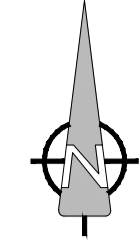
TITLE
**ABNORMAL LOAD ASSESSMENT
 SWEEP PATH ANALYSIS
 SG170 HYBRID TOWER COMPONENT- NO. 5**

DISCIPLINE	SCALE		
MOBILITY & INFRASTRUCTURE	1:500		
DRAWN	DESIGNED	CHECKED	APPROVED
RA	RA	KMCK	CR
DRAWING No	ISSUE		
4130-MHT-MI-XX-DR-0105	C		

DATE: 16/07/2024
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 ISO A1 841mm x 594mm



MEDIUM



FOR INFORMATION

REV	DESCRIPTION	BY	DATE
A	FOR INFORMATION	RA	18.09.23
B	FOR INFORMATION	RA	17.11.23
C	FOR INFORMATION	RA	19.07.24

NOTES:

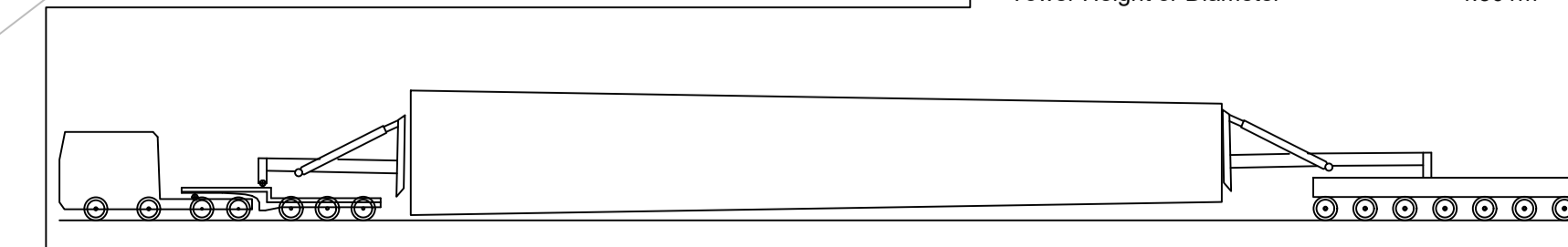
- DO NOT SCALE. ALL MEASUREMENTS AND COORDINATES TO BE CHECKED ON SITE.
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- THIRD PARTY LAND TO BE CONFIRMED THROUGH LAND OWNERSHIP VIA TOPOGRAPHICAL SURVEY

LEGEND

- LOAD OVERSAIL WITHIN ASSUMED HIGHWAY BOUNDARY.
- VEHICLE OVERRUN WITHIN ASSUMED HIGHWAY BOUNDARY
- OVERSAIL / OVERRUN OF ASSUMED 3RD PARTY LAND.
- PHOTOGRAPH LOCATION AND DIRECTION.



Hybrid Tower Component Transporter	
Overall Length	62.556m
Overall Width	2.550m
Overall Body Height	4.900m
Min Body Ground Clearance	0.198m
Max Track Width	2.550m
Lock to lock time	6.00s
Wall to Wall Turning Radius	9.800m
Tower Length	36.00m
Tower Width or Diameter	4.301m
Tower Height or Diameter	4.301m

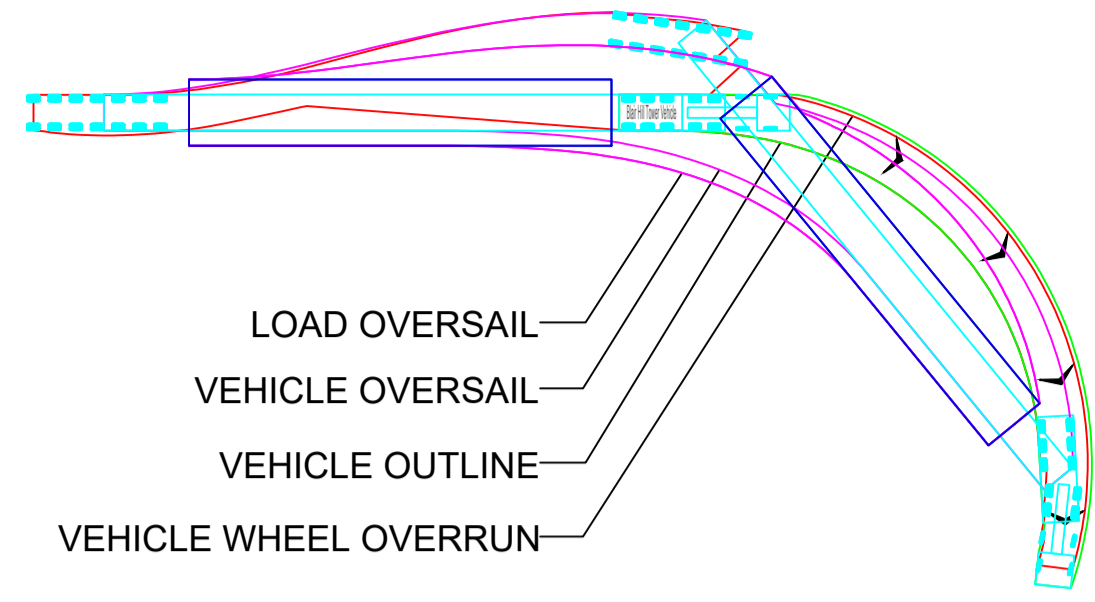


PROJECT
BLAIR HILL WIND FARM

CLIENT
RES

TITLE
**ABNORMAL LOAD ASSESSMENT
 SWEEP PATH ANALYSIS
 SG170 HYBRID TOWER COMPONENT- NO. 6**

DISCIPLINE			SCALE
MOBILITY & INFRASTRUCTURE			1:1000
DRAWN	DESIGNED	CHECKED	APPROVED
RA	RA	KMCK	CR
DRAWING No			ISSUE
4130-MHT-MI-XX-DR-0106			C



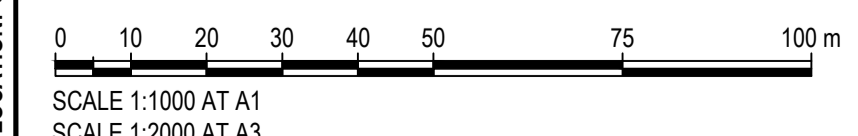
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FOR INFORMATION

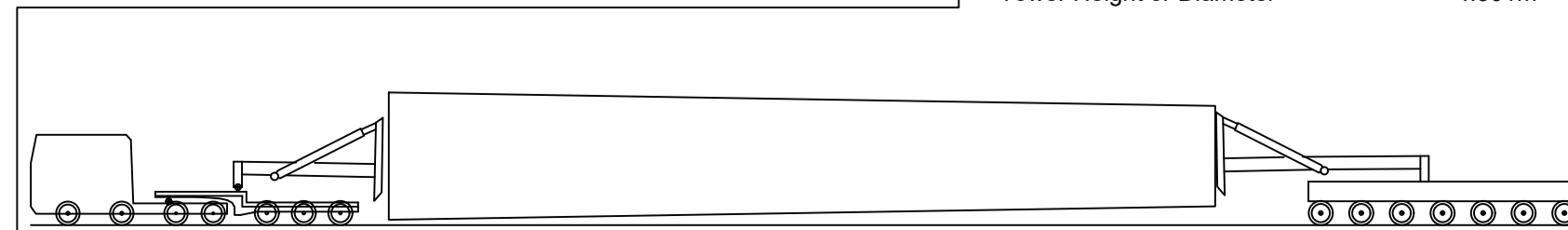
REV	DESCRIPTION	BY	DATE
A	FOR INFORMATION	RA	18.09.23
B	FOR INFORMATION	RA	17.11.23
C	FOR INFORMATION	RA	19.07.24

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 - THIRD PARTY LAND TO BE CONFIRMED THROUGH LAND OWNERSHIP VIA TOPOGRAPHICAL SURVEY

- LEGEND**
- LOAD OVERSAIL WITHIN ASSUMED HIGHWAY BOUNDARY.
 - VEHICLE OVERRUN WITHIN ASSUMED HIGHWAY BOUNDARY
 - OVERSAIL / OVERRUN OF ASSUMED 3RD PARTY LAND.
 - PHOTOGRAPH LOCATION AND DIRECTION.



Hybrid Tower Component Transporter	
Overall Length	62.556m
Overall Width	2.550m
Overall Body Height	4.900m
Min Body Ground Clearance	0.198m
Max Track Width	2.550m
Lock to lock time	6.00s
Wall to Wall Turning Radius	9.800m
Tower Length	36.00m
Tower Width or Diameter	4.301m
Tower Height or Diameter	4.301m



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1st Floor, 9 George Square, Glasgow, G2 1DY
Telephone: +44 (0) 141 378 4235
www.meinhardt.co.uk

PROJECT
BLAIR HILL WIND FARM

CLIENT
RES

TITLE
**ABNORMAL LOAD ASSESSMENT
SWEEP PATH ANALYSIS
SG170 HYBRID TOWER COMPONENT - NO. 7**

DISCIPLINE MOBILITY & INFRASTRUCTURE	SCALE 1:1000
DRAWN RA	DESIGNED RA
CHECKED KMCK	APPROVED CR
DRAWING No 4130-MHT-MI-XX-DR-0107	ISSUE C