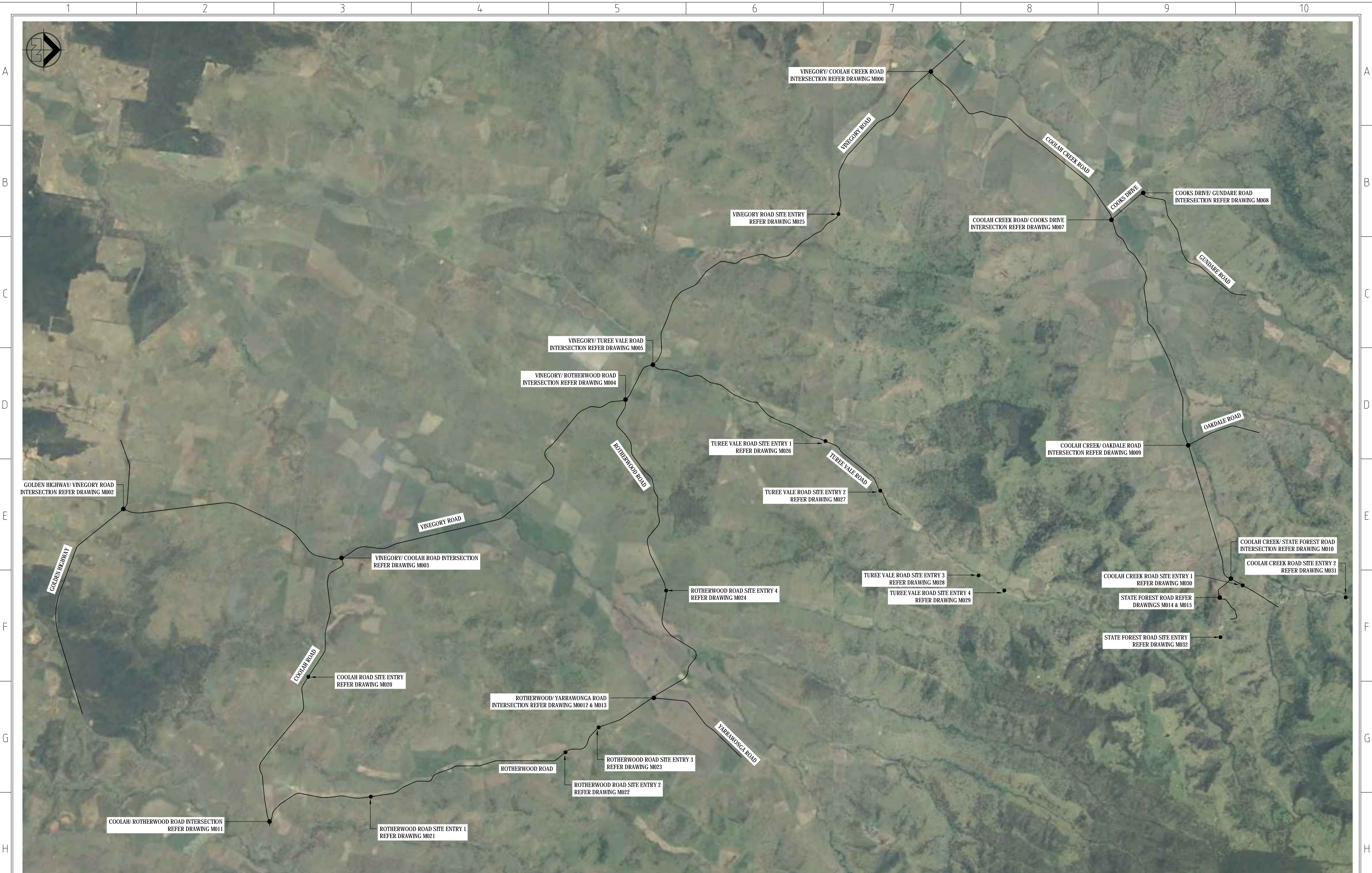


APPENDIX 1 – DRAWINGS



INTERSECTION LAYOUT PLAN

SCALE 1:100,000

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C	SITE ENTRIES ADDED	M.L.	N.C.	N.C.	31.01.2017
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PROJECT	LIVERPOOL RANGE WIND FARM	DRAWING STATUS	FOR REVIEW
TITLE	OVERALL INTERSECTION PLAN	PROJECT No.	16-298
DRAWING No.	LRWF-C-M001	SCALE	A1
		REV	C

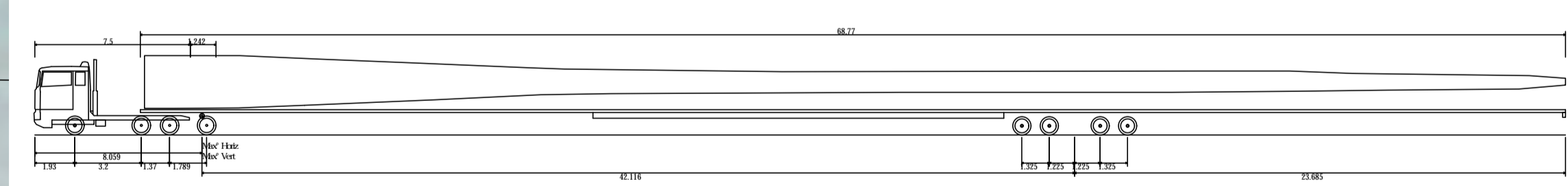


LEGEND

- PP POWER POLE
- SI STREET SIGN
- EDGE OF ROAD
- TRUCK PATH
- BLADE OVERHANG
- CULVERT
- FENCE
- LOW LYING POWER LINES

NOTE:
LOCATIONS OF ROADS, ROAD FURNITURE, FENCES AND BUILDINGS IS BASED ON AERIAL PHOTOGRAPHY AND SITE VISITS.

GOLDEN HIGHWAY/ VINEGARROY ROAD INTERSECTION
SCALE 1:250



69 m Blade Truck and Trailer (With Dolly)

Overall Length	73.860m
Overall Width	2.591m
Overall Body Height	3.828m
Min Body Ground Clearance	0.348m
Max Track Width	2.591m
Lock-to-lock time	6.00s
Max Steering Angle (Virtual)	±30.0°

BLADE TRUCK AND TRAILER PROFILE
NTS

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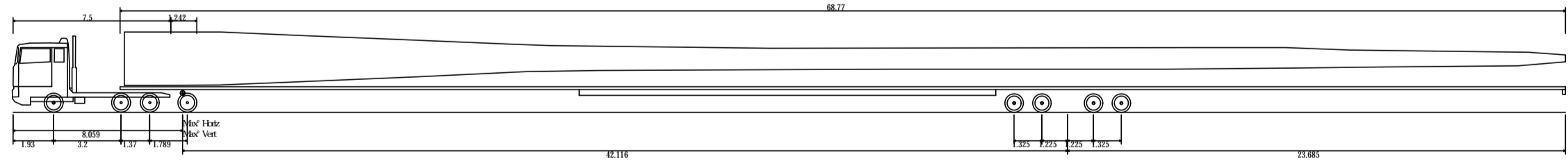
PROJECT	LIVERPOOL RANGE WIND FARM	DRAWING STATUS	FOR REVIEW
TITLE	TRUCK TURNING PLAN GOLDEN HIGHWAY/ VINEGARROY ROAD INTERSECTION	PROJECT No.	16-298
DRAWING No.	LRWF-C-M002	SCALE	A1
REV.	B	DATE	



LEGEND

- PP POWER POLE
- SI STREET SIGN
- - - - EDGE OF ROAD
- TRUCK PATH
- - - - BLADE OVERHANG
- CULVERT
- FENCE
- LOW LYING POWER LINES

NOTE:
LOCATIONS OF ROADS, ROAD FURNITURE, FENCES AND BUILDINGS IS BASED ON AERIAL PHOTOGRAPHY AND SITE VISITS.



69 m Blade Truck and Trailer (With Dolly)	
Overall Length	73.860m
Overall Width	2.591m
Overall Body Height	3.828m
Min Body Ground Clearance	0.348m
Max Track Width	2.591m
Lock-to-lock time	6.00s
Max Steering Angle (Virtual)	33.0°

BLADE TRUCK AND TRAILER PROFILE

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VINEGAROY/ COOLAH ROAD INTERSECTION

SCALE 1:250

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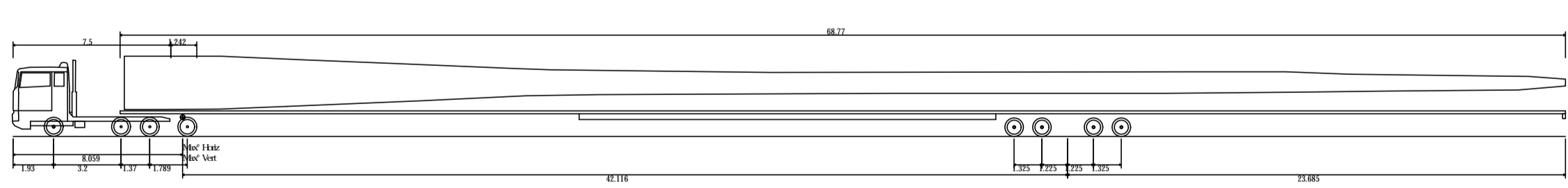
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TITLE: TRUCK TURNING PLAN VINEGAROY/ COOLAH ROAD INTERSECTION		PROJECT No: 16-298	SCALE: A1
DRAWING No: LRWF-C-M003		DATE: 09.01.2017	REV: B



LEGEND

- PP POWER POLE
- SI STREET SIGN
- - - - - EDGE OF ROAD
- TRUCK PATH
- - - - - BLADE OVERHANG
- ⌈ ⌋ CULVERT
- ○ — FENCE
- W — LOW LYING POWER LINES

NOTE:
LOCATIONS OF ROADS, ROAD FURNITURE, FENCES AND BUILDINGS IS BASED ON AERIAL PHOTOGRAPHY AND SITE VISITS.



69 m Blade Truck and Trailer (With Dolly)
 Overall Length 73.860m
 Overall Width 2.591m
 Overall Body Height 3.828m
 Min Body Ground Clearance 0.348m
 Max Track Width 2.591m
 Lock-to-lock time 6.00s
 Max Steering Angle (Virtual) 330°

BLADE TRUCK AND TRAILER PROFILE

NTS

VINEGAROY/ ROTHERWOOD ROAD INTERSECTION

SCALE 1:250

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PROJECT	LIVERPOOL RANGE WIND FARM	DRAWING STATUS	FOR REVIEW
TITLE	TRUCK TURNING PLAN VINEGAROY/ ROTHERWOOD ROAD INTERSECTION	PROJECT No.	16-298
DRAWING No.	LRWF-C-M004	SCALE	A1
		REV.	B



VINEGAROY/ TUREE VALE ROAD INTERSECTION

SCALE 1:250

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PROJECT	LIVERPOOL RANGE WIND FARM	DRAWING STATUS	FOR REVIEW
TITLE	TRUCK TURNING PLAN VINEGAROY/ TUREE VALE ROAD INTERSECTION	PROJECT No.	16-298
DRAWING No.	LRWF-C-M005	SCALE	A1
		REV.	B

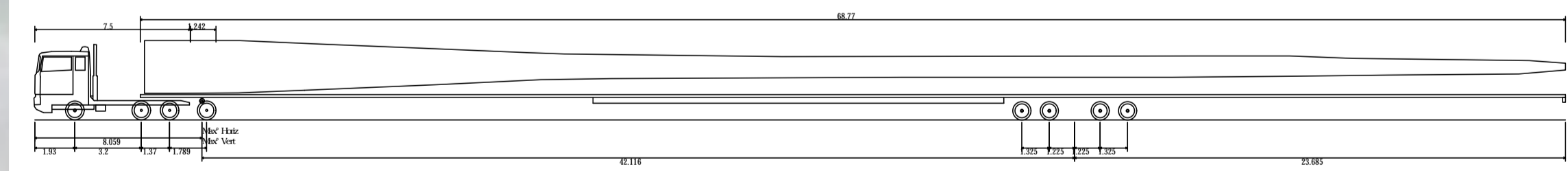


- LEGEND**
- PP POWER POLE
 - SI STREET SIGN
 - EDGE OF ROAD
 - TRUCK PATH
 - BLADE OVERHANG
 - CULVERT
 - FENCE
 - LOW LYING POWER LINES

NOTE:
LOCATIONS OF ROADS, ROAD FURNITURE, FENCES AND BUILDINGS IS BASED ON AERIAL PHOTOGRAPHY AND SITE VISITS.

VINEGAROY/ COOLAH CREEK ROAD INTERSECTION

SCALE 1:250



69 m Blade Truck and Trailer (With Dolly)

Overall Length	73.860m
Overall Width	2.591m
Overall Body Height	3.828m
Min Body Ground Clearance	0.348m
Max Track Width	2.591m
Lock-to-lock time	6.00s
Max Steering Angle (Virtual)	±30°

BLADE TRUCK AND TRAILER PROFILE

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TITLE	TRUCK TURNING PLAN VINEGAROY / COOLAH CREEK ROAD INTERSECTION	PROJECT No.	16-298
DRAWING No.	LRWF-C-M006	SCALE	A1
		REV.	B

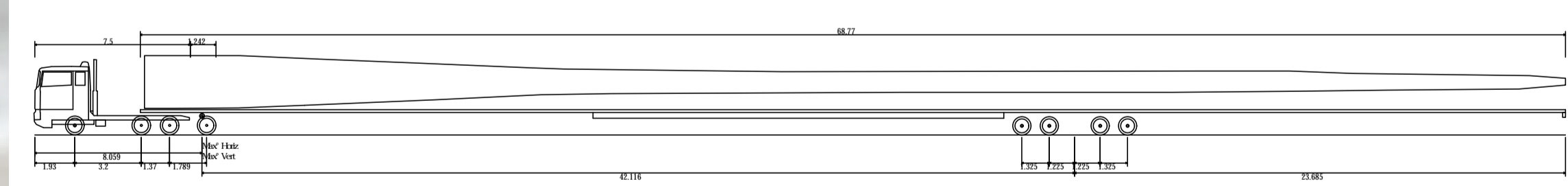


- LEGEND**
- PP POWER POLE
 - SI STREET SIGN
 - - - - - EDGE OF ROAD
 - TRUCK PATH
 - - - - - BLADE OVERHANG
 - ⌈⌋ CULVERT
 - FENCE
 - x— LOW LYING POWER LINES

NOTE:
LOCATIONS OF ROADS, ROAD FURNITURE, FENCES AND BUILDINGS IS BASED ON AERIAL PHOTOGRAPHY AND SITE VISITS.

COOLAH CREEK ROAD/ COOKS DRIVE INTERSECTION

SCALE 1:250



69 m Blade Truck and Trailer (With Dolly)
 Overall Length 73.860m
 Overall Width 2.591m
 Overall Body Height 3.828m
 Min Body Ground Clearance 0.348m
 Max Track Width 2.591m
 Lock-to-lock time 6.00s
 Max Steering Angle (Virtual) 33.0°

BLADE TRUCK AND TRAILER PROFILE

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PROJECT	LIVERPOOL RANGE WIND FARM	DRAWING STATUS	FOR REVIEW
TITLE	TRUCK TURNING PLAN COOLAH CREEK ROAD/ COOKS DRIVE INTERSECTION	PROJECT No.	16-298
DRAWING No.	LRWF-C-M007	SCALE	A1
		REV	B

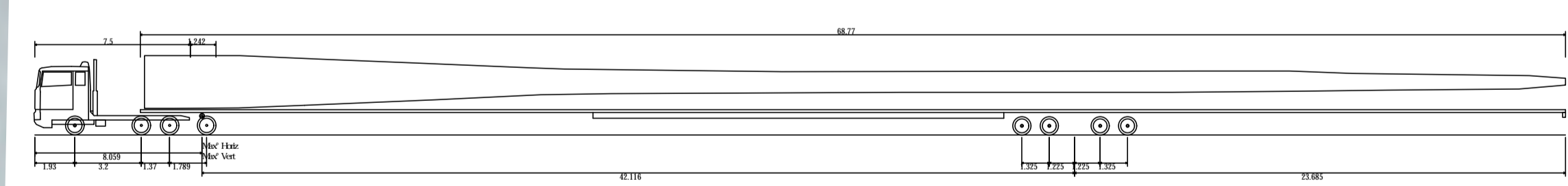


LEGEND

- PP POWER POLE
- SI STREET SIGN
- - - - EDGE OF ROAD
- TRUCK PATH
- - - - BLADE OVERHANG
- CULVERT
- FENCE
- LOW LYING POWER LINES

NOTE:
LOCATIONS OF ROADS, ROAD FURNITURE, FENCES AND BUILDINGS IS BASED ON AERIAL PHOTOGRAPHY AND SITE VISITS.

COOKS DRIVE/ GUNDARE ROAD INTERSECTION
SCALE 1:250



69 m Blade Truck and Trailer (With Dolly)

Overall Length	73.860m
Overall Width	2.591m
Overall Body Height	3.828m
Min Body Ground Clearance	0.348m
Max Track Width	2.591m
Lock-to-lock time	6.00s
Max Steering Angle (Virtual)	33.00°

BLADE TRUCK AND TRAILER PROFILE
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PROJECT	LIVERPOOL RANGE WIND FARM	DRAWING STATUS	FOR REVIEW
TITLE	TRUCK TURNING PLAN COOKS DRIVE/ GUNDARE ROAD INTERSECTION	PROJECT No.	16-298
DRAWING No.	LRWF-C-M008	SCALE	A1
		REV.	B



COOLAH CREEK/ OAKDALE ROAD INTERSECTION

SCALE 1:250

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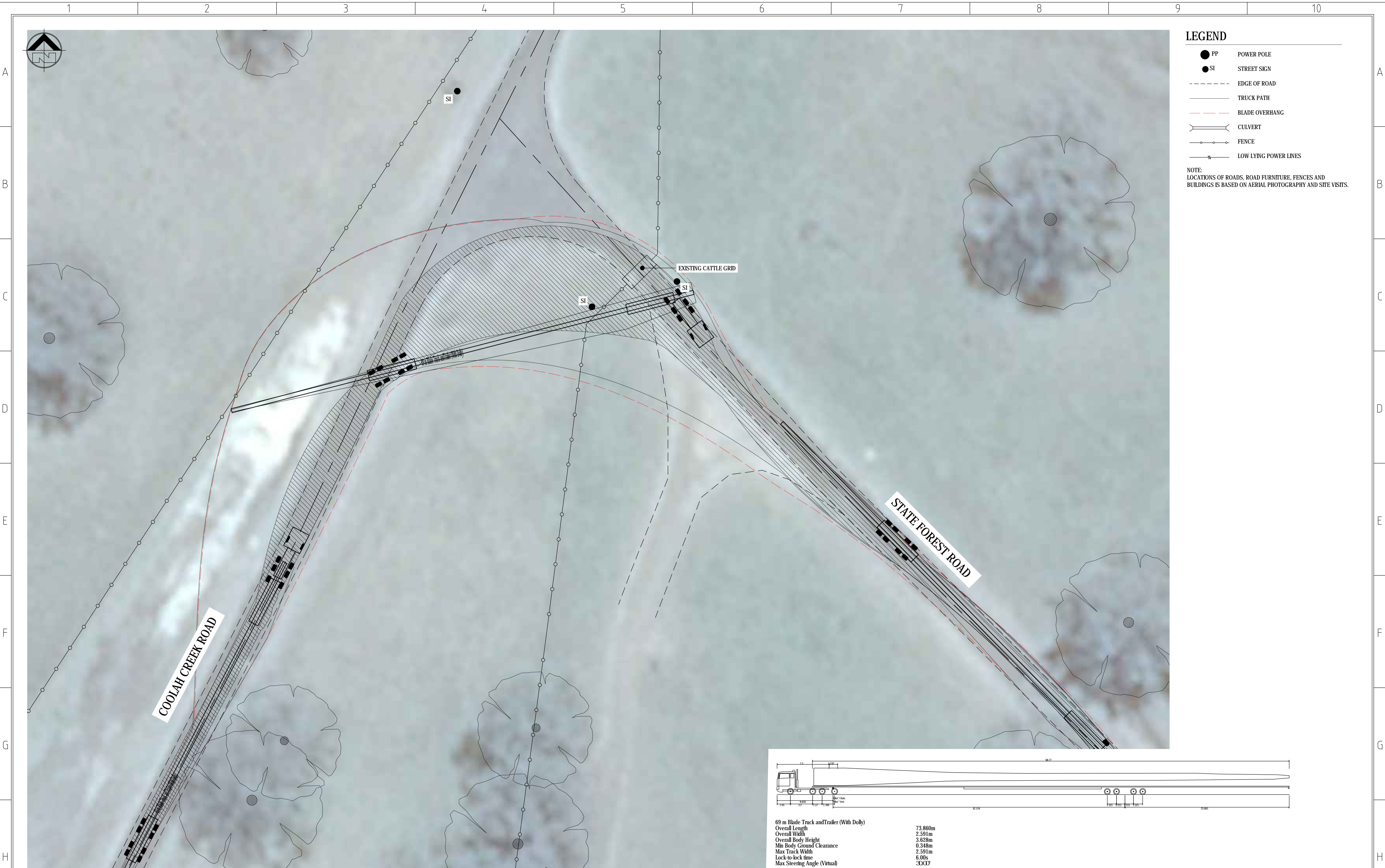
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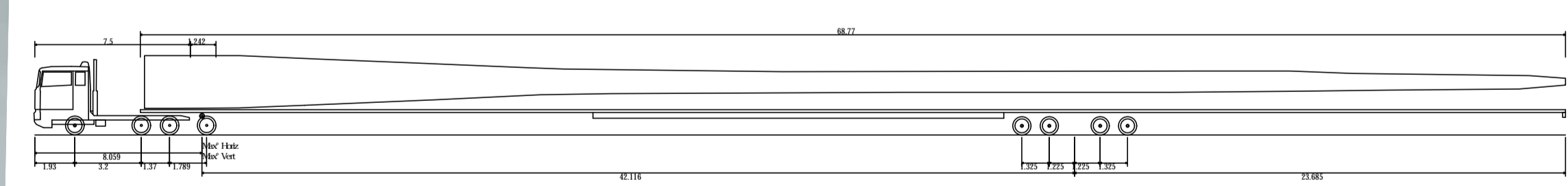


PROJECT	LIVERPOOL RANGE WIND FARM		DRAWING STATUS	FOR REVIEW	
TITLE	TRUCK TURNING PLAN COOLAH CREEK/ OAKDALE ROAD INTERSECTION		PROJECT No.	16-298	SCALE
DRAWING No.	LRWF-C-M009	SCALE	A1	SIZE	B



COOLAH CREEK/ STATE FOREST ROAD INTERSECTION

SCALE 1:250



69 m Blade Truck and Trailer (With Dolly)	
Overall Length	73.860m
Overall Width	2.591m
Overall Body Height	3.828m
Min Body Ground Clearance	0.348m
Max Track Width	2.591m
Lock-to-lock time	6.00s
Max Steering Angle (Virtual)	330°

BLADE TRUCK AND TRAILER PROFILE

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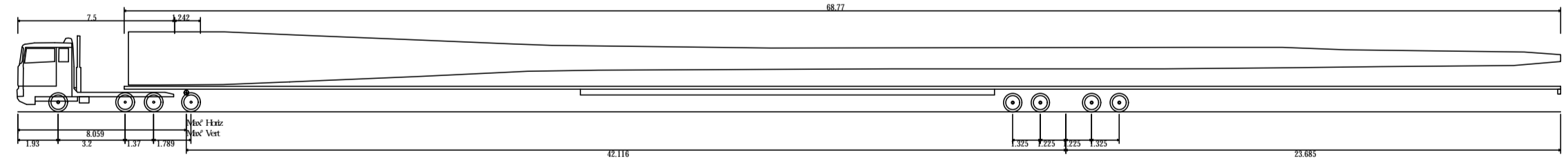


PROJECT	LIVERPOOL RANGE WIND FARM	DRAWING STATUS	FOR REVIEW
TITLE	TRUCK TURNING PLAN COOLAH CREEK/ STATE FOREST ROAD INTERSECTION	PROJECT No.	16-298
DRAWING No.	LRWF-C-M010	SCALE	A1
			REV. B



- LEGEND**
- PP POWER POLE
 - SI STREET SIGN
 - - - - EDGE OF ROAD
 - TRUCK PATH
 - - - - BLADE OVERHANG
 - ⌈ ⌋ CULVERT
 - ○ — FENCE
 - W — LOW LYING POWER LINES

NOTE:
LOCATIONS OF ROADS, ROAD FURNITURE, FENCES AND BUILDINGS IS BASED ON AERIAL PHOTOGRAPHY AND SITE VISITS.



69 m Blade Truck and Trailer (With Dolly)
 Overall Length 73.860m
 Overall Width 2.591m
 Overall Body Height 3.828m
 Min Body Ground Clearance 0.348m
 Max Track Width 2.591m
 Lock-to-lock time 6.00s
 Max Steering Angle (Virtual) 330°

BLADE TRUCK AND TRAILER PROFILE

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COOLAH / ROTHERWOOD ROAD INTERSECTION

SCALE 1:250

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REV	DETAIL	DRN	CHK	APP	DATE
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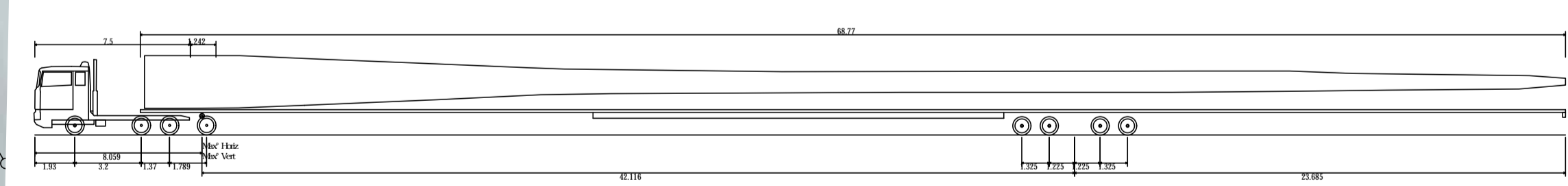
PROJECT LIVERPOOL RANGE WIND FARM		DRAWING STATUS FOR REVIEW	
TITLE TRUCK TURNING PLAN COOLAH / ROTHERWOOD ROAD INTERSECTION		SCALE A1	
DRAWING No. LRWF-C-M011		REV. B	



LEGEND

- PP POWER POLE
- SI STREET SIGN
- - - - EDGE OF ROAD
- TRUCK PATH
- - - - BLADE OVERHANG
- CULVERT
- FENCE
- LOW LYING POWER LINES

NOTE:
LOCATIONS OF ROADS, ROAD FURNITURE, FENCES AND BUILDINGS IS BASED ON AERIAL PHOTOGRAPHY AND SITE VISITS.



69 m Blade Truck and Trailer (With Dolly)
 Overall Length 73.860m
 Overall Width 2.591m
 Overall Body Height 3.828m
 Min Body Ground Clearance 0.348m
 Max Track Width 2.591m
 Lock-to-lock time 6.00s
 Max Steering Angle (Virtual) 330°

BLADE TRUCK AND TRAILER PROFILE

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ROTHERWOOD/ YARRAWONGA ROAD INTERSECTION 1

SCALE 1:250

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TITLE	TRUCK TURNING PLAN ROTHERWOOD/ YARRAWONGA ROAD INTERSECTION 1	PROJECT No.	16-298
DRAWING No.	LRWF-C-M012	SCALE	A1
		REV	B



ROTHERWOOD/ YARRAWONGA ROAD INTERSECTION 2

SCALE 1:250

BLADE TRUCK AND TRAILER PROFILE

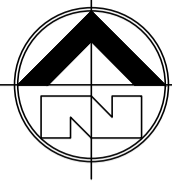
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REV	DETAIL	DRN	CHK	APP	DATE
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PROJECT	LIVERPOOL RANGE WIND FARM	DRAWING STATUS	FOR REVIEW
TITLE	TRUCK TURNING PLAN ROTHERWOOD/ YARRAWONGA ROAD INTERSECTION 2	PROJECT No.	16-298
DRAWING No.	LRWF-C-M013	SCALE	A1
		REV	B



STATE FOREST ROAD LAYOUT

SCALE 1:2500

Horiz. Curve Data

Vertical Geometry Grade

Vertical Grade Length

Vertical Curve Length

Vertical Curve Radius

DATUM R.L. 584.000

EXISTING ROAD SURFACE

CHAINAGE

	200.000	250.000	300.000	350.000	400.000	450.000	500.000	550.000	600.000	650.000	700.000	750.000	800.000	850.000	900.000	950.000	1000.000	1050.000	1100.000	1150.000	1200.000	1250.000	1300.000	1350.000	1400.000	1450.000	1500.000	1550.000	1600.000	1650.000	1700.000	1743.118
EXISTING ROAD SURFACE	678.369	682.211	688.054	692.896	697.739	702.581	707.441	712.398	717.377	722.507	727.708	732.861	738.660	740.742	746.384	749.926	753.383	757.761	761.940	766.966	772.645	777.558	782.424	786.244	790.512	795.742	799.763	802.634	805.673	808.817	813.589	816.000

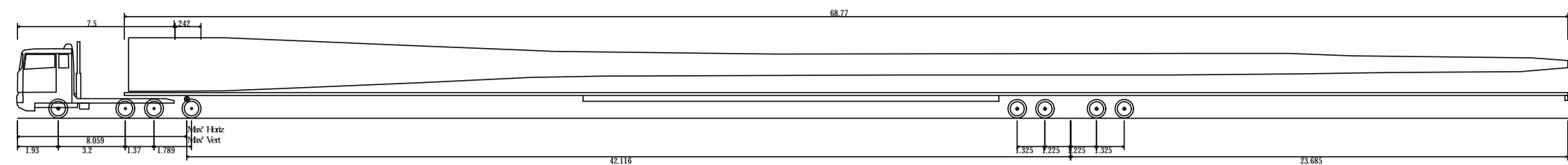
STATE FOREST ROAD LONGITUDINAL SECTION

HORIZ. SCALE 1:2500
VERT. SCALE 1:1250

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REV	DETAIL	DRN	CHK	APP	DATE		
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PROJECT: LIVERPOOL RANGE WIND FARM		DRAWING STATUS: FOR REVIEW	
TITLE: STATE FOREST ROAD LAYOUT AND LONGITUDINAL SECTION		SCALE: A1	
DRAWING No: LRWF-C-M014	PROJECT No: 16-298	SCALE: SCALE	SIZE: A1
			REV: B



69 m Blade Truck and Trailer (With Dolly)
 Overall Length 73.860m
 Overall Width 2.591m
 Overall Body Height 3.628m
 Min Body Ground Clearance 0.348m
 Max Track Width 2.591m
 Lock-to-lock time 6.00s
 Max Steering Angle (Virtual) 30.0°

BLADE TRUCK AND TRAILER PROFILE

NTS



STATE FOREST ROAD TRUCK TURNING PLAN

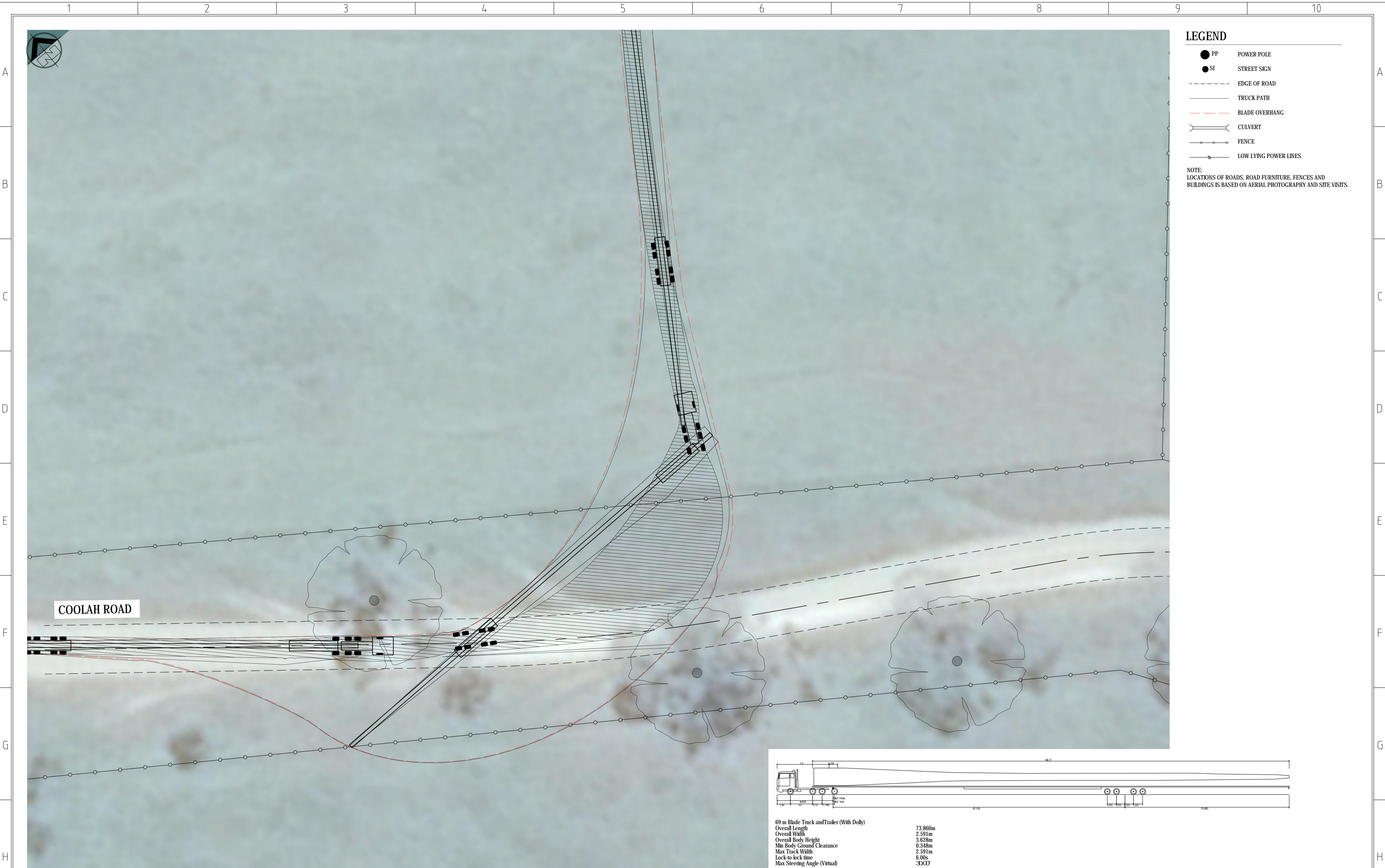
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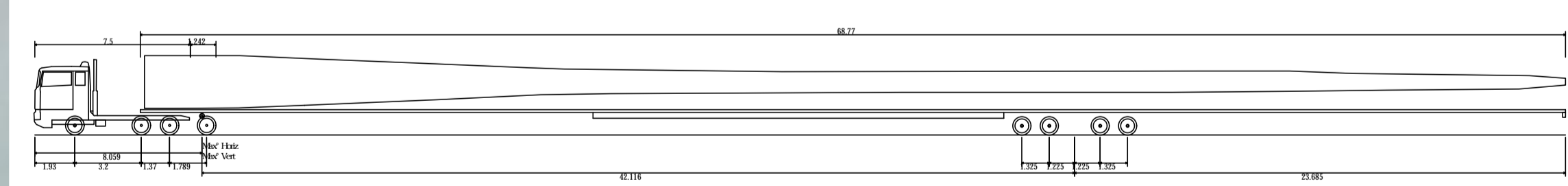


PROJECT	LIVERPOOL RANGE WIND FARM	DRAWING STATUS	FOR REVIEW
TITLE	TRUCK TURNING PLAN STATE FOREST ROAD	PROJECT No.	16-298
DRAWING No.	LRWF-C-M015	SCALE	A1
		REV.	B



- LEGEND**
- PP POWER POLE
 - SI STREET SIGN
 - - - - EDGE OF ROAD
 - TRUCK PATH
 - - - - BLADE OVERHANG
 - CULVERT
 - FENCE
 - LOW LYING POWER LINES
- NOTE:
LOCATIONS OF ROADS, ROAD FURNITURE, FENCES AND BUILDINGS IS BASED ON AERIAL PHOTOGRAPHY AND SITE VISITS.

COOLAH ROAD



69 m Blade Truck and Trailer (With Dolly)
 Overall Length 73.860m
 Overall Width 2.591m
 Overall Body Height 3.828m
 Min Body Ground Clearance 0.348m
 Max Track Width 2.591m
 Lock-to-lock time 6.00s
 Max Steering Angle (Virtual) 330°

BLADE TRUCK AND TRAILER PROFILE

NTS

COOLAH ROAD - SITE ENTRY

SCALE 1:250

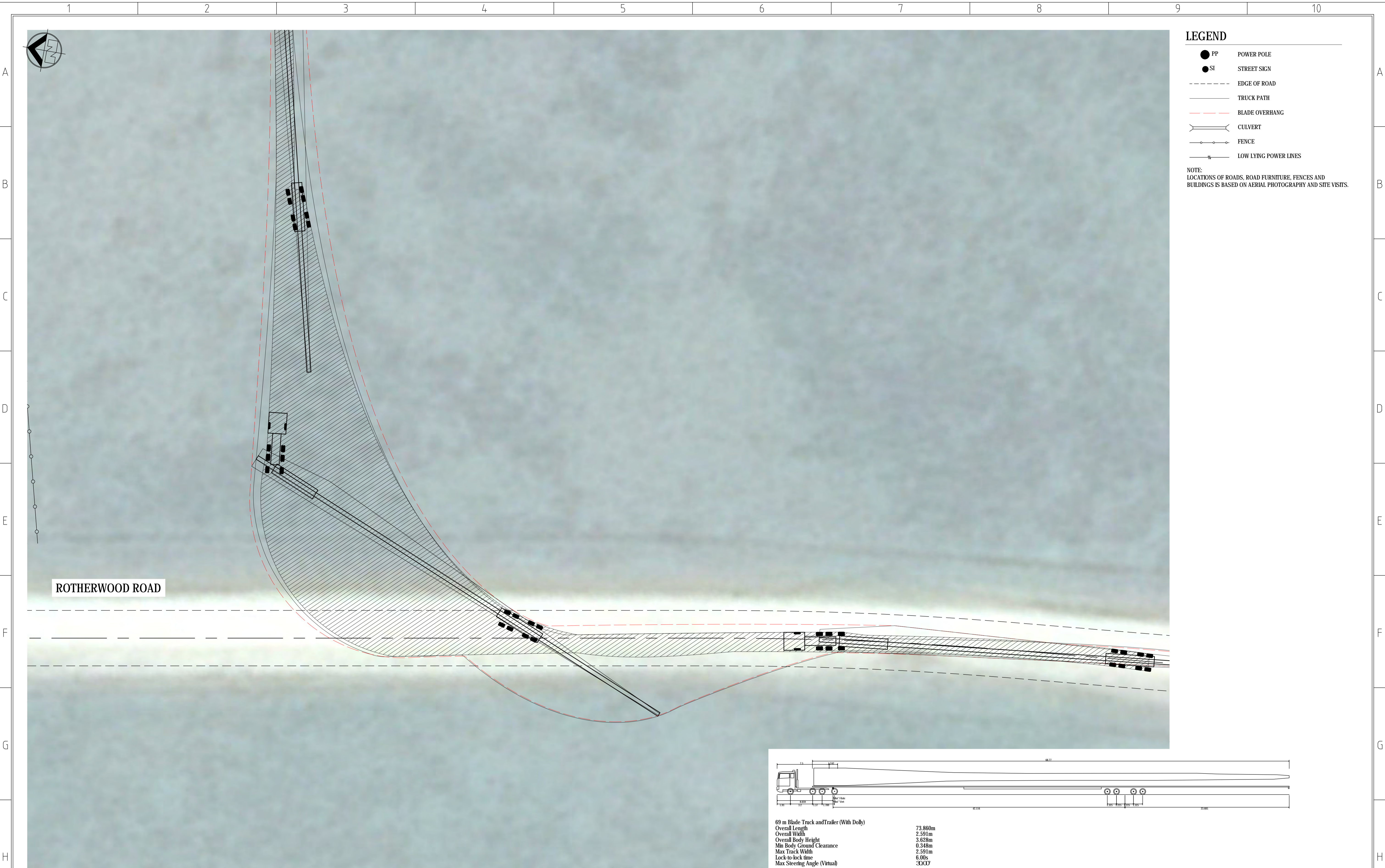
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PROJECT	LIVERPOOL RANGE WIND FARM	DRAWING STATUS	FOR REVIEW
TITLE	TRUCK TURNING PLAN COOLAH ROAD - SITE ENTRY	PROJECT No.	16-298
DRAWING No.	LRWF-C-M020	SCALE	A1
		REV	A

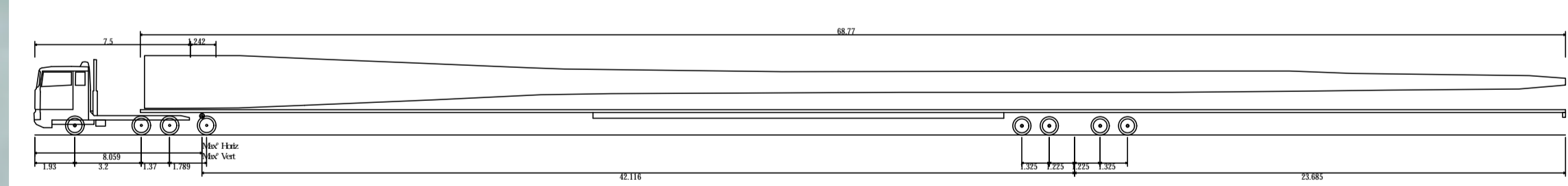


ROTHERWOOD ROAD

LEGEND

- PP POWER POLE
- SI STREET SIGN
- EDGE OF ROAD
- TRUCK PATH
- - - - - BLADE OVERHANG
- ⌢ CULVERT
- FENCE
- W — LOW LYING POWER LINES

NOTE:
LOCATIONS OF ROADS, ROAD FURNITURE, FENCES AND BUILDINGS IS BASED ON AERIAL PHOTOGRAPHY AND SITE VISITS.



69 m Blade Truck and Trailer (With Dolly)

Overall Length	73.860m
Overall Width	2.591m
Overall Body Height	3.828m
Min Body Ground Clearance	0.348m
Max Track Width	2.591m
Lock-to-lock time	6.00s
Max Steering Angle (Virtual)	330°

BLADE TRUCK AND TRAILER PROFILE

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ROTHERWOOD ROAD - SITE ENTRY 1

SCALE 1:250

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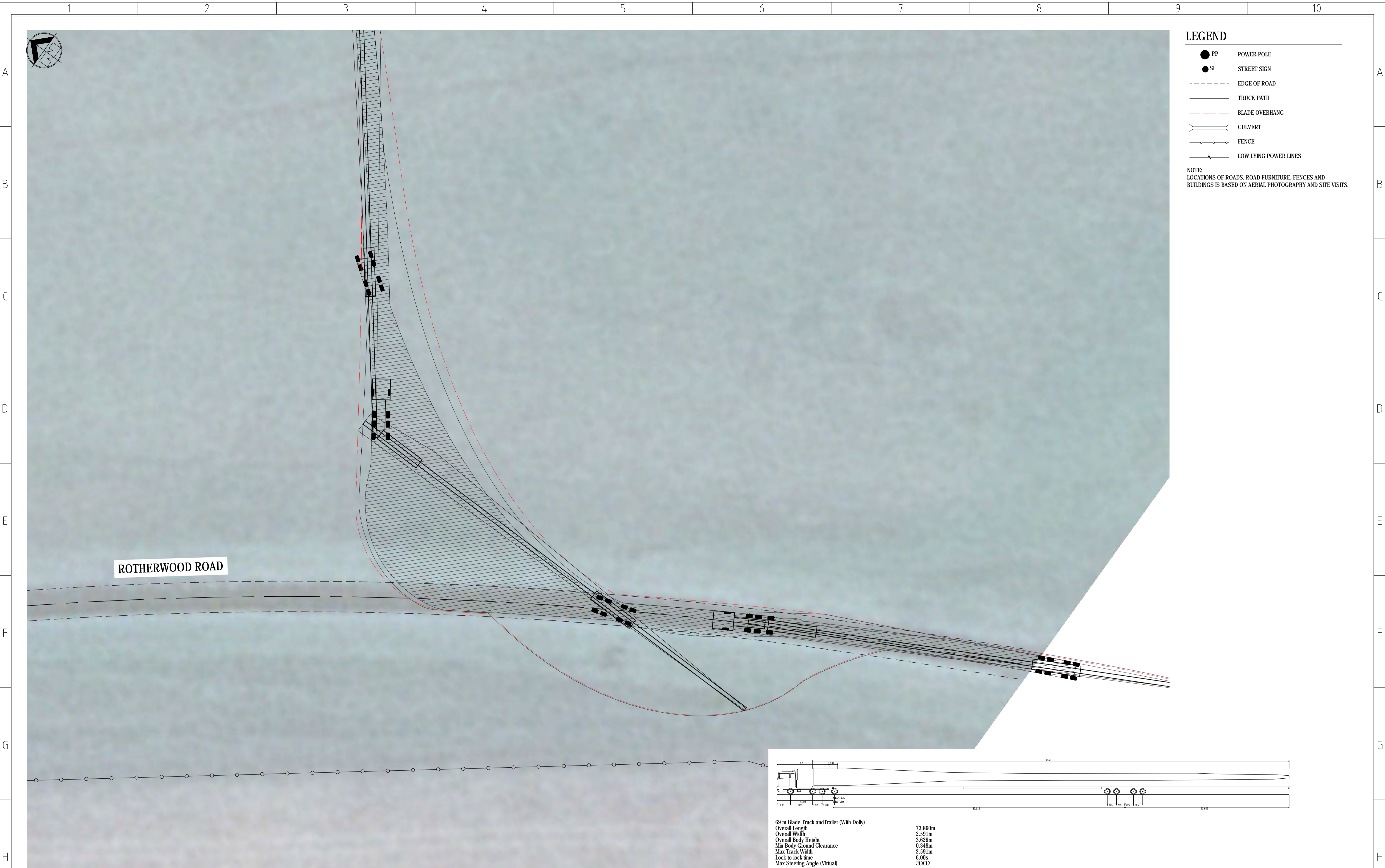
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PROJECT	LIVERPOOL RANGE WIND FARM	DRAWING STATUS	FOR REVIEW
TITLE	TRUCK TURNING PLAN ROTHERWOOD ROAD - SITE ENTRY 1	PROJECT No.	16-298
DRAWING No.	LRWF-C-M021	SCALE	A1
		REV	A

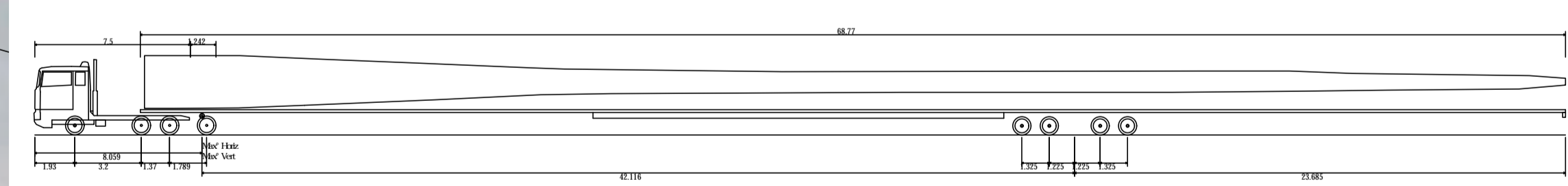


LEGEND

- PP POWER POLE
- SI STREET SIGN
- EDGE OF ROAD
- TRUCK PATH
- BLADE OVERHANG
- CULVERT
- FENCE
- LOW LYING POWER LINES

NOTE:
LOCATIONS OF ROADS, ROAD FURNITURE, FENCES AND BUILDINGS IS BASED ON AERIAL PHOTOGRAPHY AND SITE VISITS.

ROTHERWOOD ROAD



69 m Blade Truck and Trailer (With Dolly)
 Overall Length 73.860m
 Overall Width 2.591m
 Overall Body Height 3.828m
 Min Body Ground Clearance 0.348m
 Max Track Width 2.591m
 Lock-to-lock time 6.00s
 Max Steering Angle (Virtual) 330°

BLADE TRUCK AND TRAILER PROFILE

NTS

ROTHERWOOD ROAD - SITE ENTRY 2

SCALE 1:250

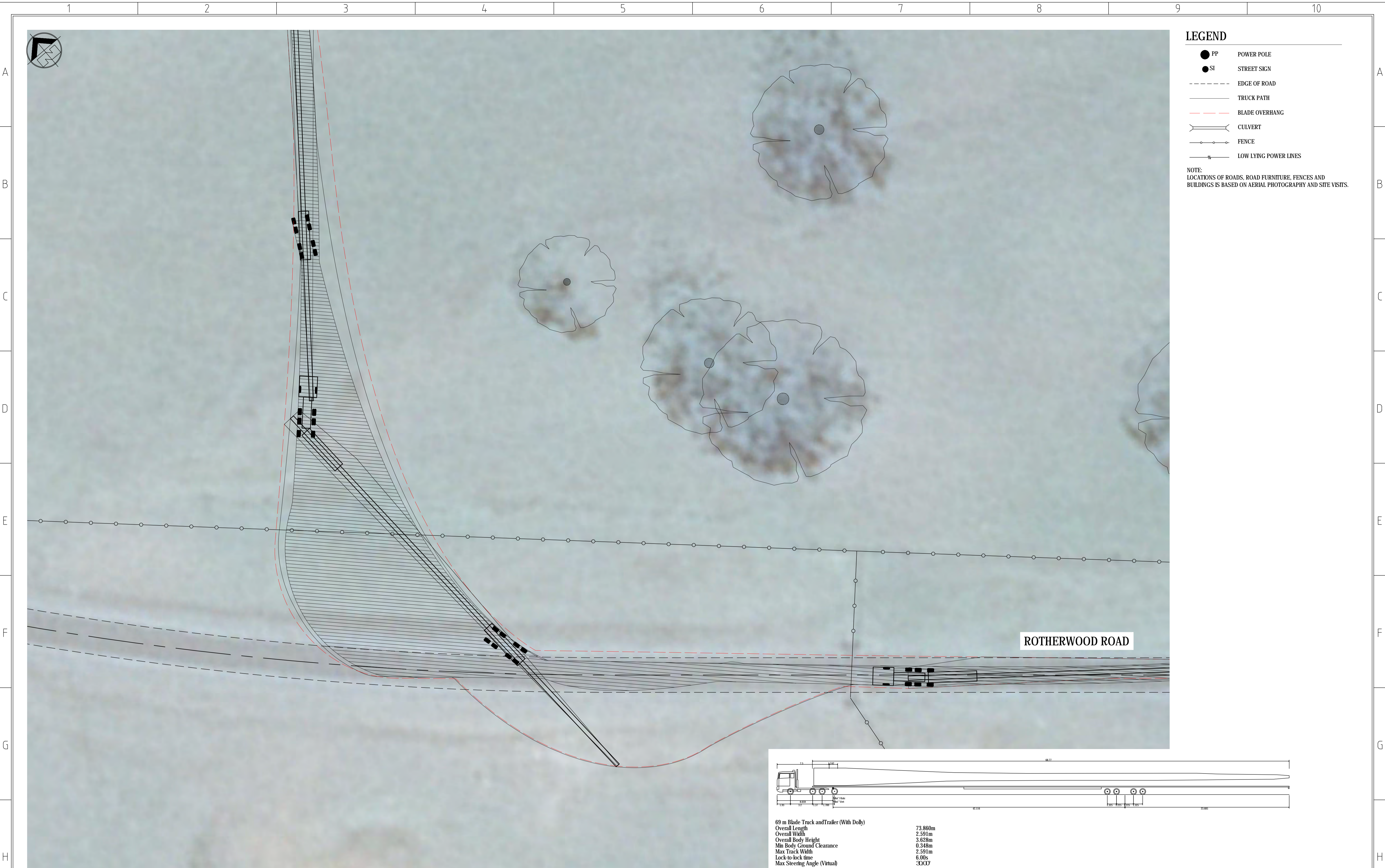
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PROJECT	LIVERPOOL RANGE WIND FARM	DRAWING STATUS	FOR REVIEW
TITLE	TRUCK TURNING PLAN ROTHERWOOD ROAD - SITE ENTRY 2	PROJECT No.	16-298
DRAWING No.	LRWF-C-M022	SCALE	A1
		REV	A

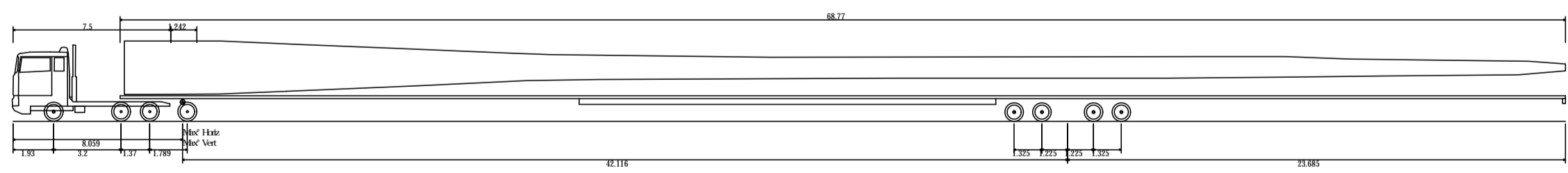


LEGEND

- PP POWER POLE
- SI STREET SIGN
- - - - - EDGE OF ROAD
- TRUCK PATH
- BLADE OVERHANG
- CULVERT
- FENCE
- LOW LYING POWER LINES

NOTE:
LOCATIONS OF ROADS, ROAD FURNITURE, FENCES AND BUILDINGS IS BASED ON AERIAL PHOTOGRAPHY AND SITE VISITS.

ROTHERWOOD ROAD



69 m Blade Truck and Trailer (With Dolly)
 Overall Length 73.860m
 Overall Width 2.591m
 Overall Body Height 3.828m
 Min Body Ground Clearance 0.348m
 Max Track Width 2.591m
 Lock-to-lock time 6.00s
 Max Steering Angle (Virtual) 330°

BLADE TRUCK AND TRAILER PROFILE

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ROTHERWOOD ROAD - SITE ENTRY 3

SCALE 1:250

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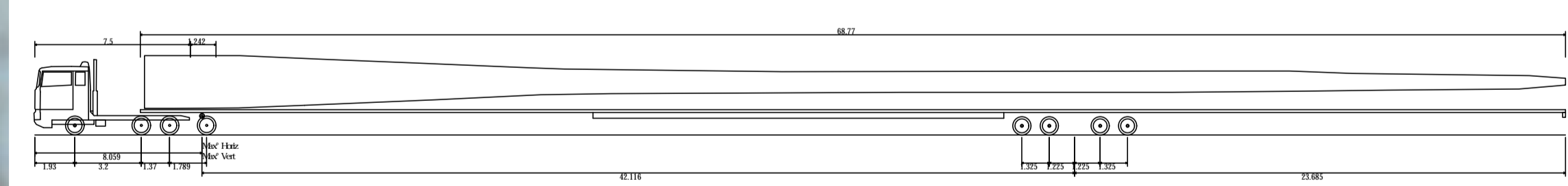
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TITLE	TRUCK TURNING PLAN ROTHERWOOD ROAD - SITE ENTRY 3	PROJECT No.	16-298
DRAWING No.	LRWF-C-M023	SCALE	A1
		REV	A



ROTHERWOOD ROAD

- LEGEND**
- PP POWER POLE
 - SI STREET SIGN
 - - - - - EDGE OF ROAD
 - TRUCK PATH
 - - - - - BLADE OVERHANG
 - ▨ CULVERT
 - FENCE
 - LOW LYING POWER LINES

NOTE:
LOCATIONS OF ROADS, ROAD FURNITURE, FENCES AND BUILDINGS IS BASED ON AERIAL PHOTOGRAPHY AND SITE VISITS.



69 m Blade Truck and Trailer (With Dolly)

Overall Length	73.860m
Overall Width	2.591m
Overall Body Height	3.828m
Min Body Ground Clearance	0.348m
Max Track Width	2.591m
Lock-to-lock time	6.00s
Max Steering Angle (Virtual)	±30.0°

BLADE TRUCK AND TRAILER PROFILE

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ROTHERWOOD ROAD - SITE ENTRY 4

SCALE 1:250

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PROJECT	LIVERPOOL RANGE WIND FARM	DRAWING STATUS	FOR REVIEW
TITLE	TRUCK TURNING PLAN ROTHERWOOD ROAD - SITE ENTRY 4	PROJECT No.	16-298
DRAWING No.	LRWF-C-M024	SCALE	A1
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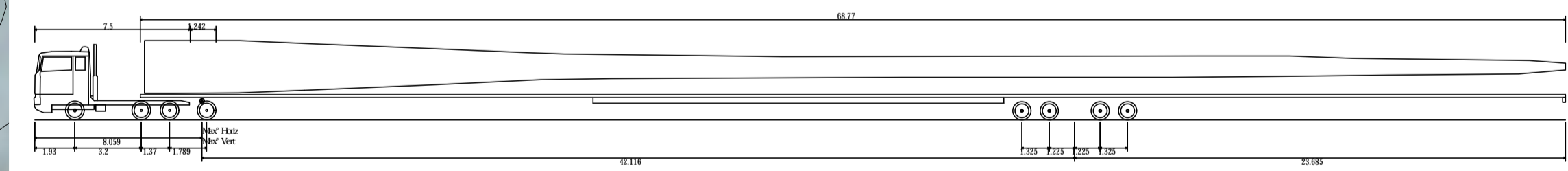


LEGEND

- PP POWER POLE
- SI STREET SIGN
- - - - EDGE OF ROAD
- TRUCK PATH
- - - - BLADE OVERHANG
- CULVERT
- FENCE
- LOW LYING POWER LINES

NOTE:
LOCATIONS OF ROADS, ROAD FURNITURE, FENCES AND BUILDINGS IS BASED ON AERIAL PHOTOGRAPHY AND SITE VISITS.

VINEGORY ROAD



69 m Blade Truck and Trailer (With Dolly)	
Overall Length	73.860m
Overall Width	2.591m
Overall Body Height	3.828m
Min Body Ground Clearance	0.348m
Max Track Width	2.591m
Lock-to-lock time	6.00s
Max Steering Angle (Virtual)	330°

BLADE TRUCK AND TRAILER PROFILE

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VINEGORY ROAD - SITE ENTRY

SCALE 1:250

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PROJECT	LIVERPOOL RANGE WIND FARM	DRAWING STATUS	FOR REVIEW
TITLE	TRUCK TURNING PLAN VINEGORY ROAD - SITE ENTRY	PROJECT No.	16-298
DRAWING No.	LRWF-C-M025	SCALE	A1
		REV	A

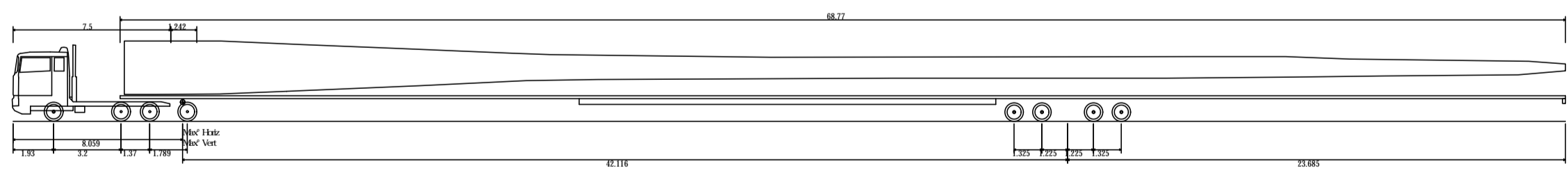


LEGEND

- PP POWER POLE
- SI STREET SIGN
- - - - EDGE OF ROAD
- TRUCK PATH
- - - - BLADE OVERHANG
- CULVERT
- FENCE
- LOW LYING POWER LINES

NOTE:
LOCATIONS OF ROADS, ROAD FURNITURE, FENCES AND BUILDINGS IS BASED ON AERIAL PHOTOGRAPHY AND SITE VISITS.

TUREE VALE ROAD



69 m Blade Truck and Trailer (With Dolly)
 Overall Length 73.860m
 Overall Width 2.591m
 Overall Body Height 3.828m
 Min Body Ground Clearance 0.348m
 Max Track Width 2.591m
 Lock-to-lock time 6.00s
 Max Steering Angle (Virtual) 330°

BLADE TRUCK AND TRAILER PROFILE

NTS

TUREE VALE ROAD - SITE ENTRY 1

SCALE 1:250

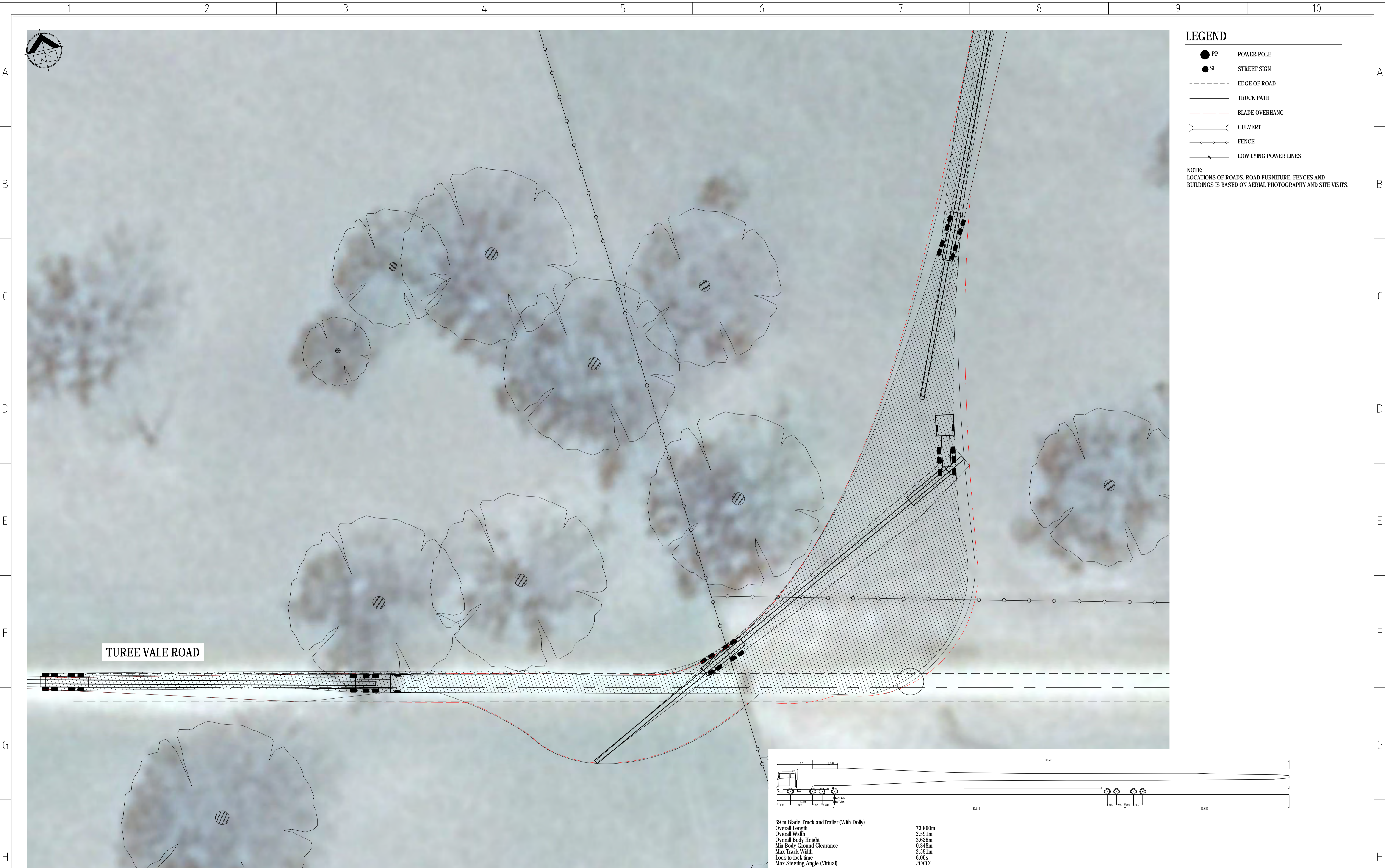
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PROJECT	LIVERPOOL RANGE WIND FARM	DRAWING STATUS	FOR REVIEW
TITLE	TRUCK TURNING PLAN TUREE VALE ROAD - SITE ENTRY 1	PROJECT No.	16-298
DRAWING No.	LRWF-C-M026	SCALE	A1
		REV	A

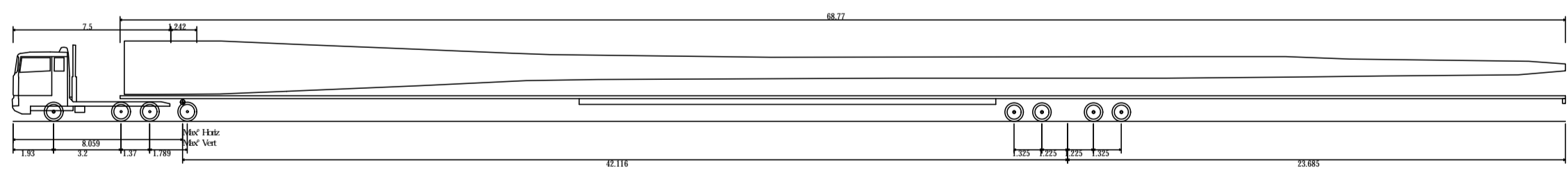


- LEGEND**
- PP POWER POLE
 - SI STREET SIGN
 - - - - EDGE OF ROAD
 - TRUCK PATH
 - BLADE OVERHANG
 - CULVERT
 - FENCE
 - LOW LYING POWER LINES

NOTE:
LOCATIONS OF ROADS, ROAD FURNITURE, FENCES AND BUILDINGS IS BASED ON AERIAL PHOTOGRAPHY AND SITE VISITS.

TUREE VALE ROAD

TUREE VALE ROAD - SITE ENTRY 2



69 m Blade Truck and Trailer (With Dolly)
 Overall Length 73.860m
 Overall Width 2.591m
 Overall Body Height 3.828m
 Min Body Ground Clearance 0.348m
 Max Track Width 2.591m
 Lock-to-lock time 6.00s
 Max Steering Angle (Virtual) 33.00

BLADE TRUCK AND TRAILER PROFILE

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SCALE 1:250

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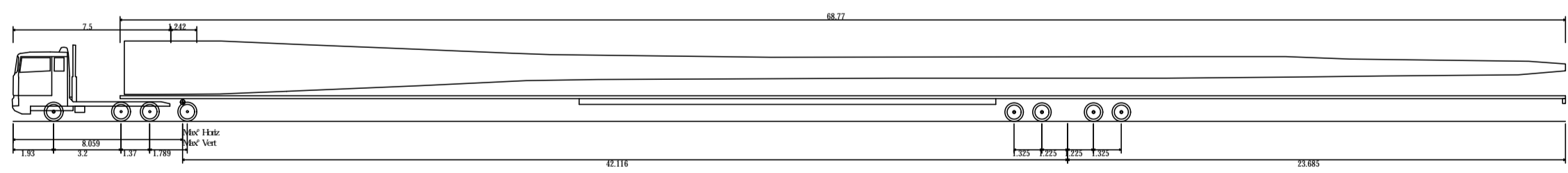
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TITLE	TRUCK TURNING PLAN TUREE VALE ROAD - SITE ENTRY 2	PROJECT No.	16-298
DRAWING No.	LRWF-C-M027	SCALE	A1
		REV	A



- LEGEND**
- PP POWER POLE
 - SI STREET SIGN
 - - - - EDGE OF ROAD
 - TRUCK PATH
 - - - - BLADE OVERHANG
 - CULVERT
 - FENCE
 - LOW LYING POWER LINES

NOTE:
LOCATIONS OF ROADS, ROAD FURNITURE, FENCES AND BUILDINGS IS BASED ON AERIAL PHOTOGRAPHY AND SITE VISITS.

TUREE VALE ROAD



69 m Blade Truck and Trailer (With Dolly)
 Overall Length 73.860m
 Overall Width 2.591m
 Overall Body Height 3.828m
 Min Body Ground Clearance 0.348m
 Max Track Width 2.591m
 Lock-to-lock time 6.00s
 Max Steering Angle (Virtual) 330°

BLADE TRUCK AND TRAILER PROFILE

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TUREE VALE ROAD - SITE ENTRY 3

SCALE 1:250

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PROJECT	LIVERPOOL RANGE WIND FARM	DRAWING STATUS	FOR REVIEW
TITLE	TRUCK TURNING PLAN TUREE VALE ROAD - SITE ENTRY 3	PROJECT No.	16-298
DRAWING No.	LRWF-C-M028	SCALE	A1
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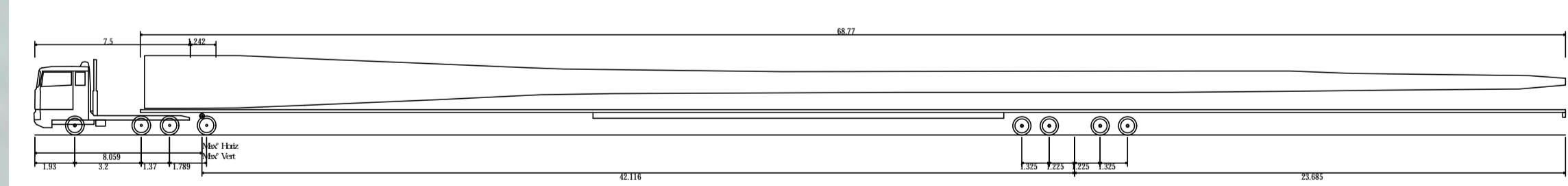


LEGEND

- PP POWER POLE
- SI STREET SIGN
- - - - EDGE OF ROAD
- TRUCK PATH
- - - - BLADE OVERHANG
- ▨ CULVERT
- FENCE
- W LOW LYING POWER LINES

NOTE:
LOCATIONS OF ROADS, ROAD FURNITURE, FENCES AND BUILDINGS IS BASED ON AERIAL PHOTOGRAPHY AND SITE VISITS.

TUREE VALE ROAD - SITE ENTRY 4
SCALE 1:250



69 m Blade Truck and Trailer (With Dolly)

Overall Length	73.860m
Overall Width	2.591m
Overall Body Height	3.828m
Min Body Ground Clearance	0.348m
Max Track Width	2.591m
Lock-to-lock time	6.00s
Max Steering Angle (Virtual)	33.0°

BLADE TRUCK AND TRAILER PROFILE
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TITLE	TRUCK TURNING PLAN TUREE VALE ROAD - SITE ENTRY 4	PROJECT No.	16-298
DRAWING No.	LRWF-C-M029	SCALE	A1
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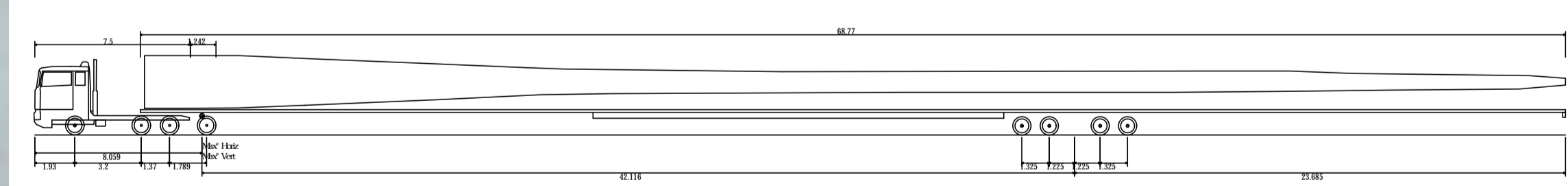


LEGEND

- PP POWER POLE
- SI STREET SIGN
- - - - EDGE OF ROAD
- TRUCK PATH
- - - - BLADE OVERHANG
- ⌢ CULVERT
- FENCE
- LOW LYING POWER LINES

NOTE:
LOCATIONS OF ROADS, ROAD FURNITURE, FENCES AND BUILDINGS IS BASED ON AERIAL PHOTOGRAPHY AND SITE VISITS.

COOLAH CREEK ROAD



69 m Blade Truck and Trailer (With Dolly)
 Overall Length 73.860m
 Overall Width 2.591m
 Overall Body Height 3.828m
 Min Body Ground Clearance 0.348m
 Max Track Width 2.591m
 Lock-to-lock time 6.00s
 Max Steering Angle (Virtual) 330°

BLADE TRUCK AND TRAILER PROFILE

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COOLAH CREEK ROAD - SITE ENTRY 1

SCALE 1:250

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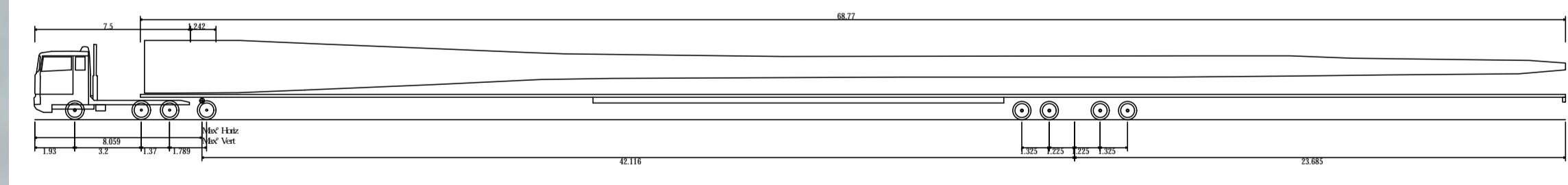
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TITLE	TRUCK TURNING PLAN COOLAH CREEK ROAD - SITE ENTRY 1	PROJECT No.	16-298
DRAWING No.	LRWF-C-M030	SCALE	A1
		SIZE	A



- LEGEND**
- PP POWER POLE
 - SI STREET SIGN
 - - - - EDGE OF ROAD
 - TRUCK PATH
 - - - - BLADE OVERHANG
 - CULVERT
 - FENCE
 - LOW LYING POWER LINES

NOTE:
LOCATIONS OF ROADS, ROAD FURNITURE, FENCES AND
BUILDINGS IS BASED ON AERIAL PHOTOGRAPHY AND SITE VISITS.

COOLAH CREEK ROAD



69 m Blade Truck and Trailer (With Dolly)
 Overall Length 73.860m
 Overall Width 2.591m
 Overall Body Height 3.828m
 Min Body Ground Clearance 0.348m
 Max Track Width 2.591m
 Lock-to-lock time 6.00s
 Max Steering Angle (Virtual) 330°

BLADE TRUCK AND TRAILER PROFILE

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COOLAH CREEK ROAD - SITE ENTRY 2

SCALE 1:250

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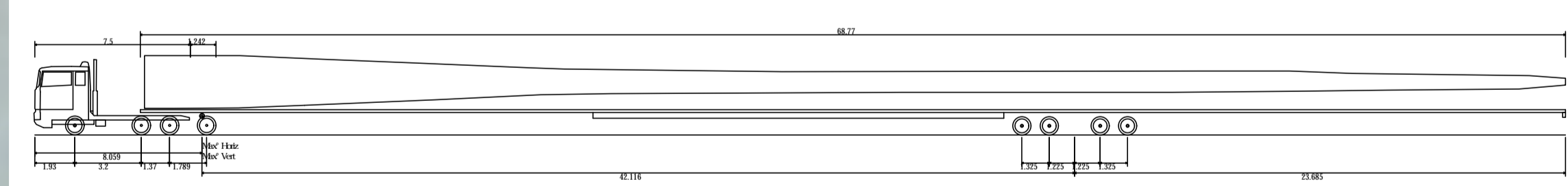


PROJECT	LIVERPOOL RANGE WIND FARM	DRAWING STATUS	FOR REVIEW
TITLE	TRUCK TURNING PLAN COOLAH CREEK ROAD - SITE ENTRY 2	PROJECT No.	16-298
		SCALE	A1
DRAWING No.	LRWF-C-M031	REV.	A



- LEGEND**
- PP POWER POLE
 - SI STREET SIGN
 - - - - - EDGE OF ROAD
 - TRUCK PATH
 - BLADE OVERHANG
 - CULVERT
 - FENCE
 - LOW LYING POWER LINES

NOTE:
LOCATIONS OF ROADS, ROAD FURNITURE, FENCES AND BUILDINGS IS BASED ON AERIAL PHOTOGRAPHY AND SITE VISITS.



69 m Blade Truck and Trailer (With Dolly)
 Overall Length 73.860m
 Overall Width 2.591m
 Overall Body Height 3.828m
 Min Body Ground Clearance 0.348m
 Max Track Width 2.591m
 Lock-to-lock time 6.00s
 Max Steering Angle (Virtual) 33.0°

BLADE TRUCK AND TRAILER PROFILE

NTS

STATE FOREST ROAD - SITE ENTRY

SCALE 1:250

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PROJECT	LIVERPOOL RANGE WIND FARM	DRAWING STATUS	FOR REVIEW
TITLE	TRUCK TURNING PLAN STATE FOREST ROAD - SITE ENTRY	PROJECT No.	16-298
DRAWING No.	LRWF-C-M032	SCALE	A1
		REV	A



COOLAH ROAD SITE ENTRY - SISD PLAN EXISTING

SCALE 1:1000

INTERSECTION SIGHT DISTANCES

AUSTROADS - GUIDE TO ROAD DESIGN PARTS 3 & 4a

SISD - SAFE INTERSECTION SIGHT DISTANCE

COOLAH ROAD	
1.1m	DRIVERS EYE HEIGHT
1.25m	OBJECT HEIGHT
1.5s	OBSERVATION TIME
1.5s	REACTION TIME
d=0.27	DECELERATION VALUE
V=110km/h	OPERATING (85th PERCENTILE) SPEED

CALCULATED SIGHT DISTANCES (INCLUDING CORRECTION FOR GRADES)	
ROAD	SISD (m)
COOLAH ROAD EAST	282
COOLAH ROAD WEST	256



COOLAH ROAD SITE ENTRY - SISD PLAN PROPOSED

SCALE 1:1000

INTERSECTION SIGHT DISTANCES

AUSTROADS - GUIDE TO ROAD DESIGN PARTS 3 & 4a

SISD - SAFE INTERSECTION SIGHT DISTANCE

COOLAH ROAD	
1.1m	DRIVERS EYE HEIGHT
1.25m	OBJECT HEIGHT
1.5s	OBSERVATION TIME
1.5s	REACTION TIME
d=0.27	DECELERATION VALUE
V=110km/h	OPERATING (85th PERCENTILE) SPEED
V=70km/h	OPERATING (85th PERCENTILE) SPEED

CALCULATED SIGHT DISTANCES (INCLUDING CORRECTION FOR GRADES)	
ROAD	SISD (m)
COOLAH ROAD EAST	125
COOLAH ROAD WEST	256

OPERATING SPEED REDUCED TO A CONSERVATIVE 60km/hr SPEED FOR SIGHT DISTANCE STUDY TO EAST DUE TO EXISTING TIGHT RADIUS BENDS AND UNSEALED ROAD

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	REV DETAIL	DRN	CHK	APP	DATE		
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PROJECT	LIVERPOOL RANGE WIND FARM	DRAWING STATUS	FOR REVIEW
TITLE	SAFE INTERSECTION SIGHT DISTANCE PLAN COOLAH ROAD - SITE ENTRY	PROJECT No.	16-298
DRAWING No.	LRWF-C-M040	SCALE	SCALE
		SIZE	A1
		REV	A



ROTHERWOOD ROAD SITE ENTRY 3 - SISD PLAN EXISTING

SCALE 1:1000



ROTHERWOOD ROAD SITE ENTRY 3 - SISD PLAN PROPOSED

SCALE 1:1000

INTERSECTION SIGHT DISTANCES

AUSTROADS - GUIDE TO ROAD DESIGN PARTS 3 & 4a

SISD - SAFE INTERSECTION SIGHT DISTANCE

ROTHERWOOD ROAD	
1.1m	DRIVERS EYE HEIGHT
1.25m	OBJECT HEIGHT
3s	OBSERVATION TIME
2.0s	REACTION TIME
d=0.27	DECELERATION VALUE
V=110km/h	OPERATING (85th PERCENTILE) SPEED

CALCULATED SIGHT DISTANCES (INCLUDING CORRECTION FOR GRADES)	
ROAD	SISD (m)
ROTHERWOOD ROAD EAST	306
ROTHERWOOD ROAD WEST	306

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	REV DETAIL	DRN	CHK	APP	DATE
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EPURON

ZEMO Energy

PROJECT	LIVERPOOL RANGE WIND FARM	DRAWING STATUS	FOR REVIEW
TITLE	SAFE INTERSECTION SIGHT DISTANCE PLAN ROTHERWOOD ROAD - SITE ENTRY 3	PROJECT No.	16-298
DRAWING No.	LRWF-C-M041	SCALE	A1
		REV	A



VINEGORY ROAD SITE ENTRY - SISD PLAN EXISTING

SCALE 1:1000

INTERSECTION SIGHT DISTANCES

AUSTROADS - GUIDE TO ROAD DESIGN PARTS 3 & 4a

SISD - SAFE INTERSECTION SIGHT DISTANCE

VINEGORY ROAD	
1.1m	DRIVERS EYE HEIGHT
1.25m	OBJECT HEIGHT
3s	OBSERVATION TIME
2.0s	REACTION TIME
d=0.27	DECELERATION VALUE
V=110km/h	OPERATING (85th PERCENTILE) SPEED

CALCULATED SIGHT DISTANCES (INCLUDING CORRECTION FOR GRADES)	
ROAD	SISD (m)
VINEGORY ROAD EAST	336
VINEGORY ROAD WEST	323



VINEGORY ROAD SITE ENTRY - SISD PLAN PROPOSED

SCALE 1:1000

INTERSECTION SIGHT DISTANCES

AUSTROADS - GUIDE TO ROAD DESIGN PARTS 3 & 4a

SISD - SAFE INTERSECTION SIGHT DISTANCE

VINEGORY ROAD	
1.1m	DRIVERS EYE HEIGHT
1.25m	OBJECT HEIGHT
3s	OBSERVATION TIME
2.0s	REACTION TIME
d=0.27	DECELERATION VALUE
V=90km/h	OPERATING (85th PERCENTILE) SPEED

CALCULATED SIGHT DISTANCES (INCLUDING CORRECTION FOR GRADES)	
ROAD	SISD (m)
VINEGORY ROAD EAST	248
VINEGORY ROAD WEST	239

OPERATING SPEED REDUCED TO 80km/hr DURING CONSTRUCTION TO ALLOW FOR ADEQUATE SIGHT DISTANCES

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PROJECT	LIVERPOOL RANGE WIND FARM	DRAWING STATUS	FOR REVIEW
TITLE	SAFE INTERSECTION SIGHT DISTANCE PLAN VINEGORY ROAD - SITE ENTRY	PROJECT No.	16-298
DRAWING No.	LRWF-C-M042	SCALE	A1
		REV	A



COOLAH CREEK ROAD SITE ENTRY 2 - SISD PLAN

SCALE 1:1000

INTERSECTION SIGHT DISTANCES

AUSTROADS - GUIDE TO ROAD DESIGN PARTS 3 & 4a

SISD - SAFE INTERSECTION SIGHT DISTANCE

COOLAH CREEK ROAD	
1.1m	DRIVERS EYE HEIGHT
1.25m	OBJECT HEIGHT
1.5s	OBSERVATION TIME
1.5s	REACTION TIME
d=0.27	DECELERATION VALUE
V=110km/h	OPERATING (85th PERCENTILE) SPEED

CALCULATED SIGHT DISTANCES (INCLUDING CORRECTION FOR GRADES)	
ROAD	SISD (m)
COOLAH CREEK ROAD NORTH	275
COOLAH CREEK ROAD SOUTH	268



COOLAH CREEK ROAD SITE ENTRY 2 - SISD PLAN

SCALE 1:1000

INTERSECTION SIGHT DISTANCES

AUSTROADS - GUIDE TO ROAD DESIGN PARTS 3 & 4a

SISD - SAFE INTERSECTION SIGHT DISTANCE

COOLAH CREEK ROAD	
1.1m	DRIVERS EYE HEIGHT
1.25m	OBJECT HEIGHT
1.5s	OBSERVATION TIME
1.5s	REACTION TIME
d=0.27	DECELERATION VALUE
V=70m/h	OPERATING (85th PERCENTILE) SPEED

CALCULATED SIGHT DISTANCES (INCLUDING CORRECTION FOR GRADES)	
ROAD	SISD (m)
COOLAH CREEK ROAD NORTH	133
COOLAH CREEK ROAD SOUTH	130

OPERATING SPEED REDUCED TO A CONSERVATIVE 60km/hr SPEED FOR SIGHT DISTANCE STUDY DUE TO EXISTING TIGHT RADIUS BENDS AND UNSEALED ROAD

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PROJECT	LIVERPOOL RANGE WIND FARM	DRAWING STATUS	FOR REVIEW
TITLE	SAFE INTERSECTION SIGHT DISTANCE PLAN COOLAH CREEK ROAD - SITE ENTRY 2	PROJECT No.	16-298
DRAWING No.	LRWF-C-M043	SCALE	A1
		REV	A