

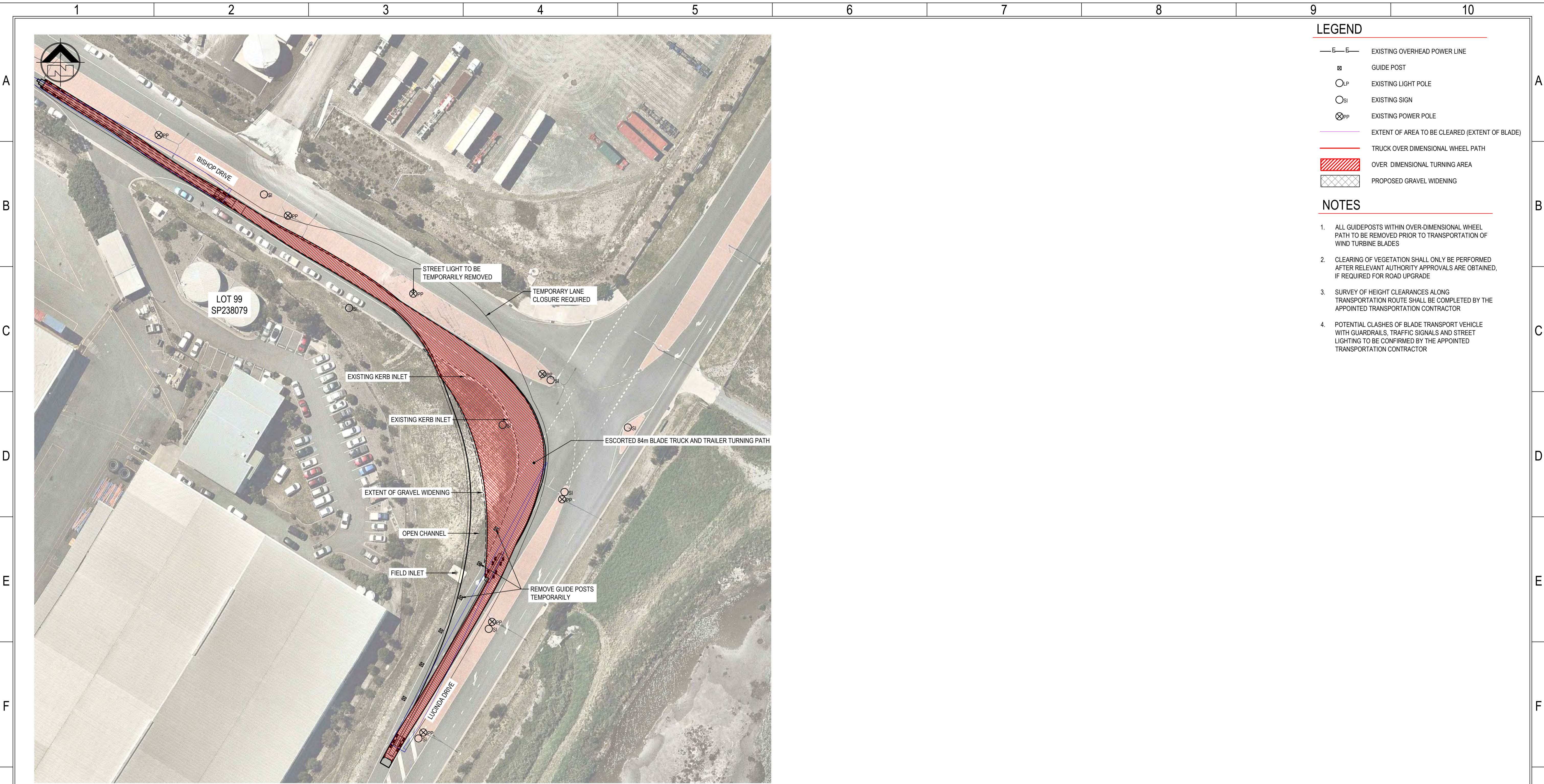


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## Appendix D – Vehicle Swept Paths

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*Attached overleaf.*

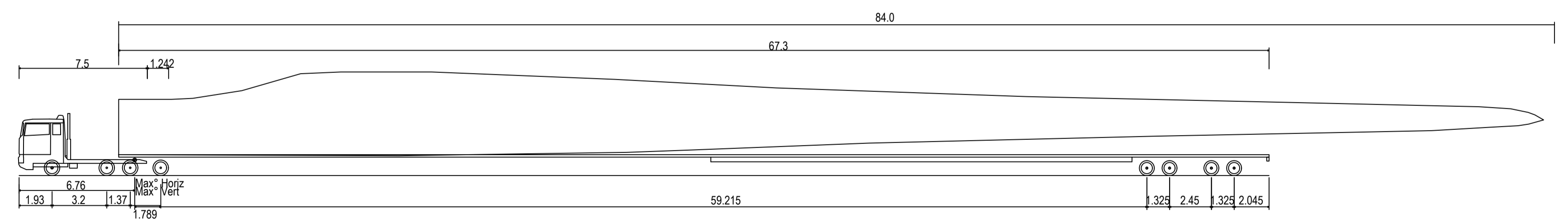


- LEGEND**
- E—E— EXISTING OVERHEAD POWER LINE
  - GUIDE POST
  - LP EXISTING LIGHT POLE
  - SI EXISTING SIGN
  - ⊗PP EXISTING POWER POLE
  - EXTENT OF AREA TO BE CLEARED (EXTENT OF BLADE)
  - TRUCK OVER DIMENSIONAL WHEEL PATH
  - ▨ OVER DIMENSIONAL TURNING AREA
  - ▧ PROPOSED GRAVEL WIDENING

- NOTES**
1. ALL GUIDEPOSTS WITHIN OVER-DIMENSIONAL WHEEL PATH TO BE REMOVED PRIOR TO TRANSPORTATION OF WIND TURBINE BLADES
  2. CLEARING OF VEGETATION SHALL ONLY BE PERFORMED AFTER RELEVANT AUTHORITY APPROVALS ARE OBTAINED, IF REQUIRED FOR ROAD UPGRADE
  3. SURVEY OF HEIGHT CLEARANCES ALONG TRANSPORTATION ROUTE SHALL BE COMPLETED BY THE APPOINTED TRANSPORTATION CONTRACTOR
  4. POTENTIAL CLASHES OF BLADE TRANSPORT VEHICLE WITH GUARDRAILS, TRAFFIC SIGNALS AND STREET LIGHTING TO BE CONFIRMED BY THE APPOINTED TRANSPORTATION CONTRACTOR

**INTERSECTION 1 - BISHOP DRIVE / LUCINDA DRIVE INTERSECTION PLAN - 84m BLADE TRUCK AND TRAILER**

SCALE 1:500



84m Blade Truck and Trailer	73.120m
Overall Length	2.591m
Overall Width	3.628m
Overall Body Height	0.348m
Min Body Ground Clearance	2.591m
Max Track Width	2.00s
Lock-to-lock time	60.00°
Max Wheel Angle	

**84m BLADE TRUCK AND TRAILER**

**TO BE PRINTED  
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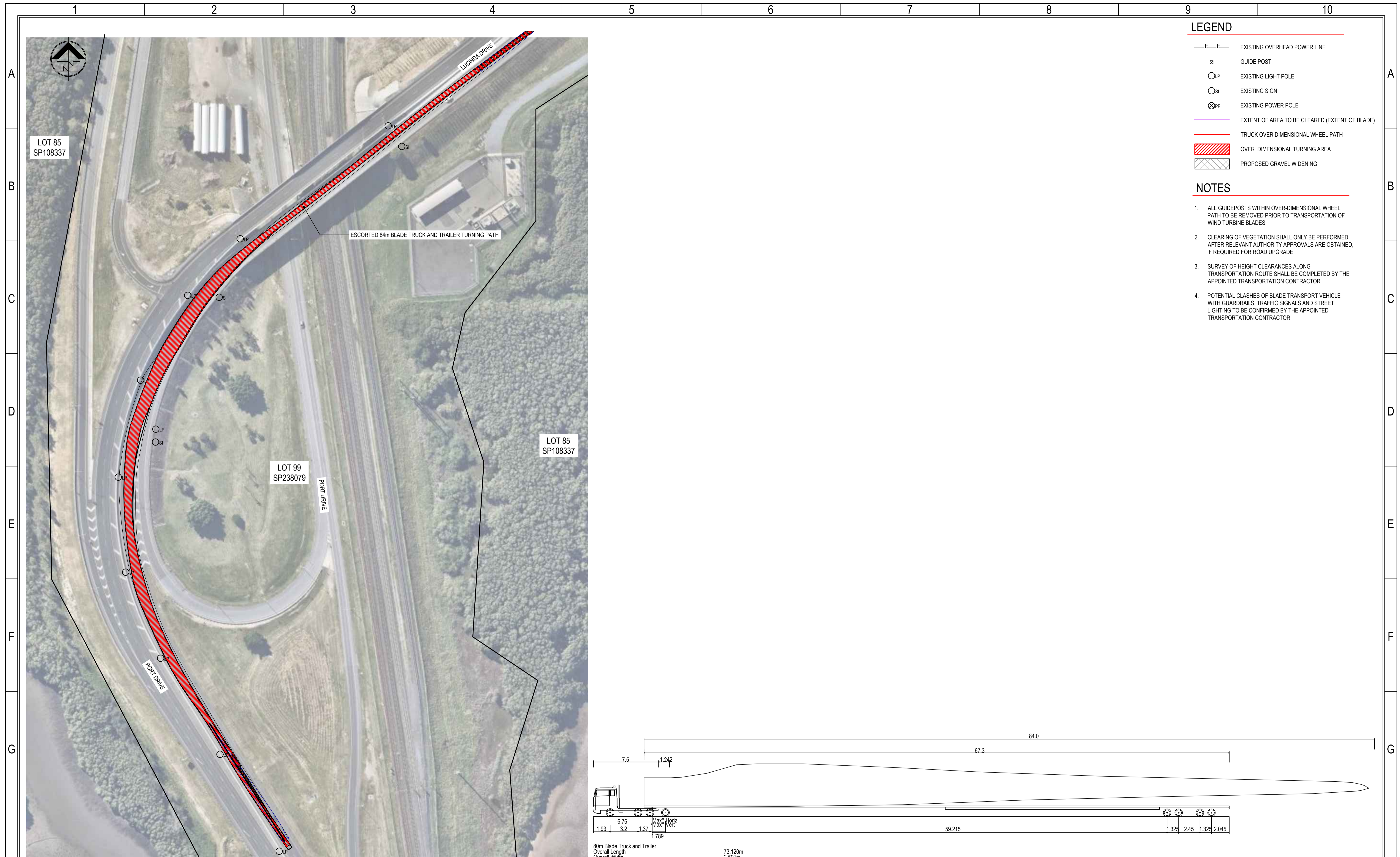
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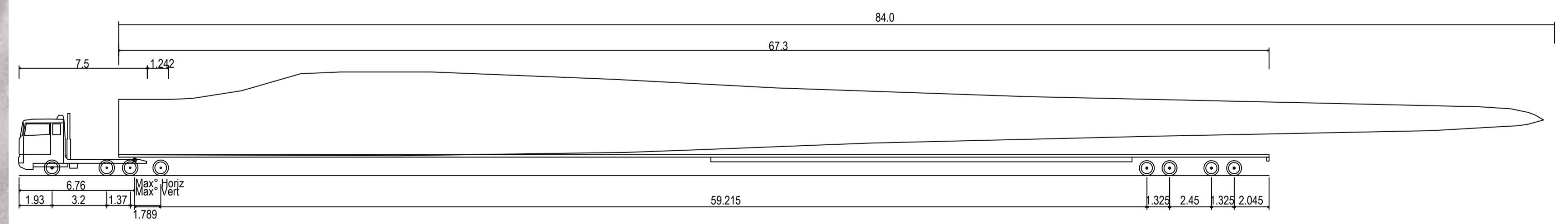


PROJECT	FOREST WIND DEVELOPMENT	DRAWING STATUS	FOR APPROVAL
TITLE	BISHOP DRIVE / LUCINDA DRIVE INTERSECTION PLAN	PROJECT No.	15-200
		SCALE	AS SHOWN
		SIZE	A1
		DRAWING No.	15-200-TR001
		REV.	0



- ### LEGEND
- E—E— EXISTING OVERHEAD POWER LINE
  - GUIDE POST
  - LP EXISTING LIGHT POLE
  - SI EXISTING SIGN
  - ⊗PP EXISTING POWER POLE
  - EXTENT OF AREA TO BE CLEARED (EXTENT OF BLADE)
  - TRUCK OVER DIMENSIONAL WHEEL PATH
  - ▨ OVER DIMENSIONAL TURNING AREA
  - ▩ PROPOSED GRAVEL WIDENING

- ### NOTES
1. ALL GUIDEPOSTS WITHIN OVER-DIMENSIONAL WHEEL PATH TO BE REMOVED PRIOR TO TRANSPORTATION OF WIND TURBINE BLADES
  2. CLEARING OF VEGETATION SHALL ONLY BE PERFORMED AFTER RELEVANT AUTHORITY APPROVALS ARE OBTAINED, IF REQUIRED FOR ROAD UPGRADE
  3. SURVEY OF HEIGHT CLEARANCES ALONG TRANSPORTATION ROUTE SHALL BE COMPLETED BY THE APPOINTED TRANSPORTATION CONTRACTOR
  4. POTENTIAL CLASHES OF BLADE TRANSPORT VEHICLE WITH GUARDRAILS, TRAFFIC SIGNALS AND STREET LIGHTING TO BE CONFIRMED BY THE APPOINTED TRANSPORTATION CONTRACTOR



80m Blade Truck and Trailer	73.120m
Overall Length	2.591m
Overall Width	3.628m
Overall Body Height	0.348m
Min Body Ground Clearance	2.591m
Max Track Width	2.00s
Lock-to-lock time	60.00°
Max Wheel Angle	

**INTERSECTION 2 - LUCINDA DRIVE / PORT DRIVE INTERSECTION PLAN - 84m BLADE TRUCK AND TRAILER**  
SCALE 1:1000

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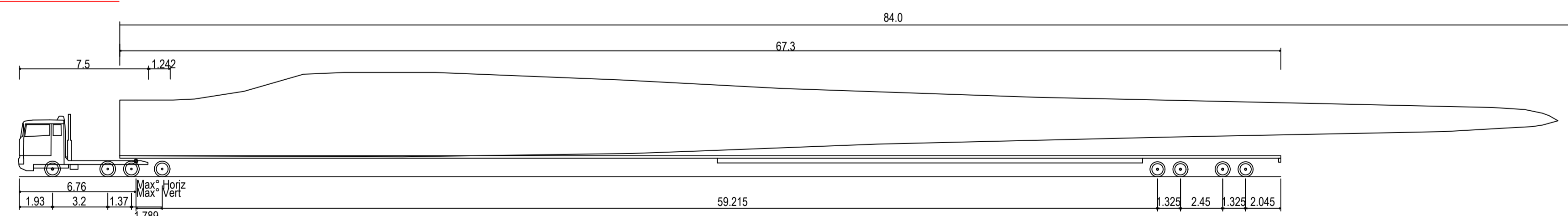


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TITLE	LUCINDA DRIVE / PORT DRIVE INTERSECTION PLAN	PROJECT No.	15-200
		SCALE	AS SHOWN
		SIZE	A1
DRAWING No.	15-200-TR002	REV.	0



INTERSECTION 3 - PORT DRIVE / GATEWAY MOTORWAY, MURARRIE INTERSECTION PLAN - 84m BLADE TRUCK AND TRAILER

SCALE 1:1000



84m Blade Truck and Trailer	73.120m
Overall Length	2.591m
Overall Width	3.628m
Overall Body Height	0.348m
Min Body Ground Clearance	2.591m
Max Track Width	2.00s
Lock-to-lock time	60.00°
Max Wheel Angle	

84m BLADE TRUCK AND TRAILER

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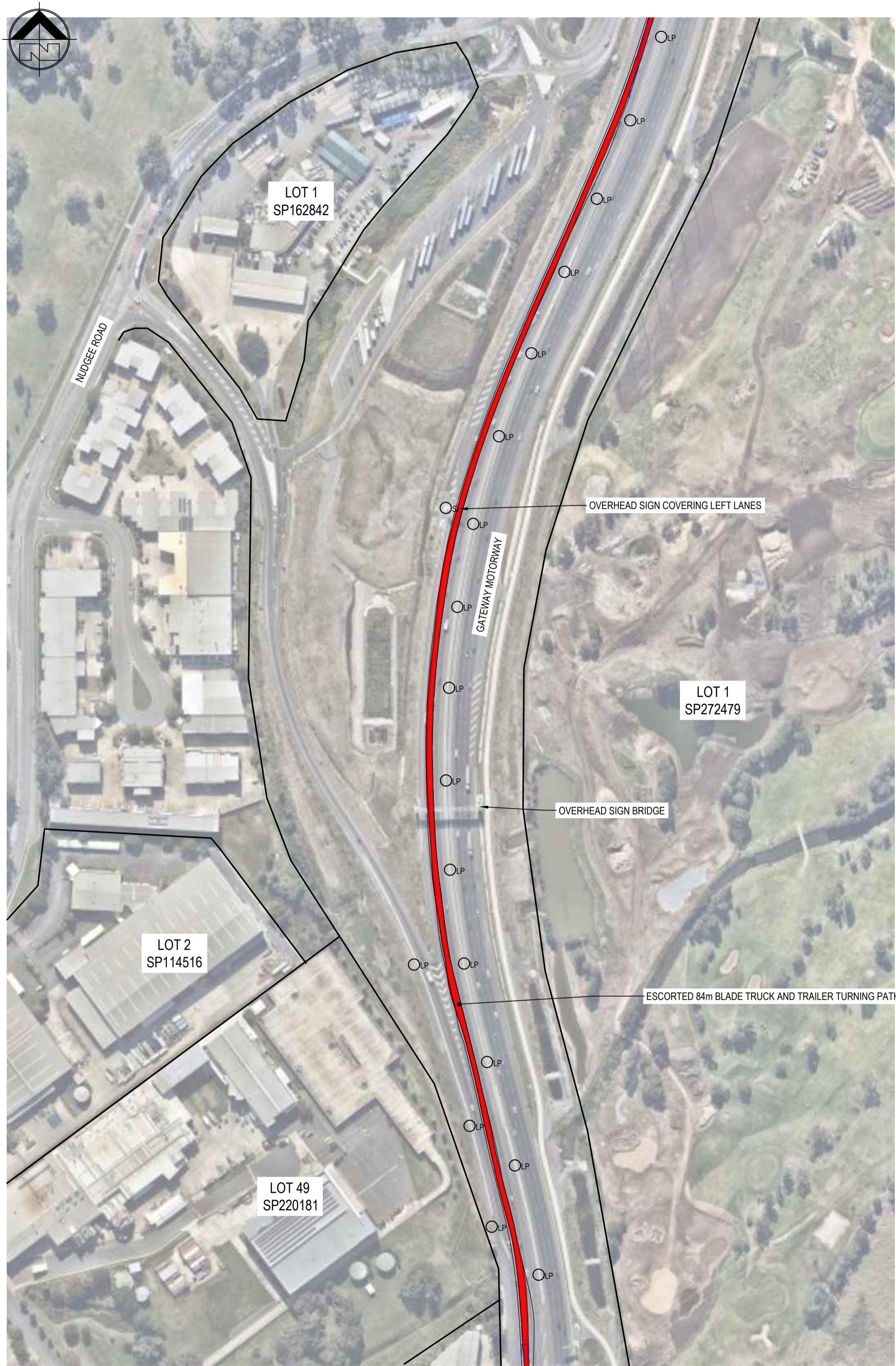
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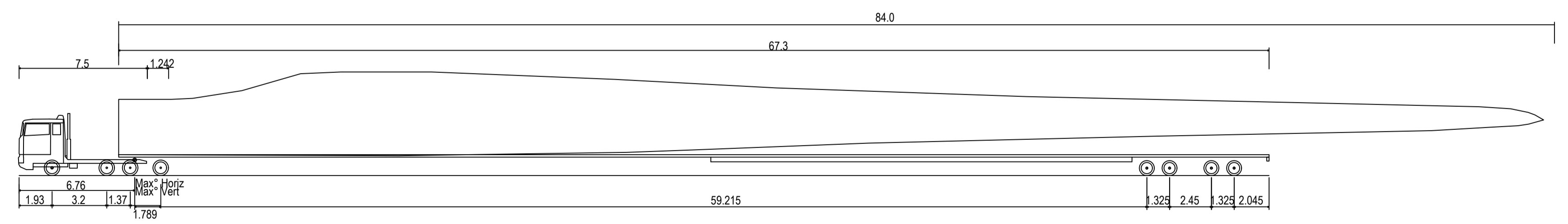
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TITLE	PORT DRIVE / GATEWAY MOTORWAY, MURARRIE INTERSECTION PLAN	PROJECT No.	15-200
		SCALE	AS SHOWN
		SIZE	A1
		DRAWING No.	15-200-TR003
		REV.	0



**LEGEND**

—E—E—	EXISTING OVERHEAD POWER LINE
⊞	GUIDE POST
○LP	EXISTING LIGHT POLE
○SI	EXISTING SIGN
⊗PP	EXISTING POWER POLE
—	EXTENT OF AREA TO BE CLEARED (EXTENT OF BLADE)
—	TRUCK OVER DIMENSIONAL WHEEL PATH
▨	OVER DIMENSIONAL TURNING AREA
▤	PROPOSED GRAVEL WIDENING

- NOTES**
- ALL GUIDEPOSTS WITHIN OVER-DIMENSIONAL WHEEL PATH TO BE REMOVED PRIOR TO TRANSPORTATION OF WIND TURBINE BLADES
  - CLEARING OF VEGETATION SHALL ONLY BE PERFORMED AFTER RELEVANT AUTHORITY APPROVALS ARE OBTAINED, IF REQUIRED FOR ROAD UPGRADE
  - SURVEY OF HEIGHT CLEARANCES ALONG TRANSPORTATION ROUTE SHALL BE COMPLETED BY THE APPOINTED TRANSPORTATION CONTRACTOR
  - POTENTIAL CLASHES OF BLADE TRANSPORT VEHICLE WITH GUARDRAILS, TRAFFIC SIGNALS AND STREET LIGHTING TO BE CONFIRMED BY THE APPOINTED TRANSPORTATION CONTRACTOR



**84m Blade Truck and Trailer**

Overall Length	73.120m
Overall Width	2.591m
Overall Body Height	3.628m
Min Body Ground Clearance	0.348m
Max Track Width	2.591m
Lock-to-lock time	2.00s
Max Wheel Angle	60.00°

**INTERSECTION 4 - GATEWAY MOTORWAY, NUDGEES INTERSECTION PLAN - 84m BLADE TRUCK AND TRAILER**  
SCALE 1:2000

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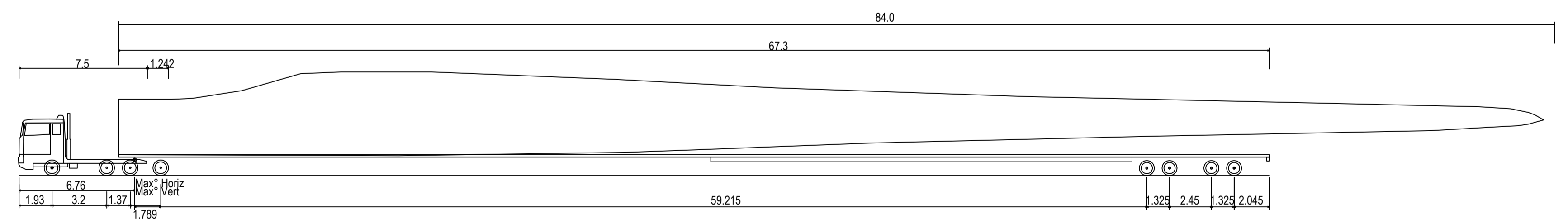


- ### LEGEND
- EXISTING OVERHEAD POWER LINE / WILDLIFE TRAIL
  - GUIDE POST
  - EXISTING LIGHT POLE
  - EXISTING SIGN
  - EXISTING POWER POLE
  - EXTENT OF AREA TO BE CLEARED (EXTENT OF BLADE)
  - TRUCK OVER DIMENSIONAL WHEEL PATH
  - OVER DIMENSIONAL TURNING AREA
  - PROPOSED GRAVEL WIDENING

- ### NOTES
1. ALL GUIDEPOSTS WITHIN OVER-DIMENSIONAL WHEEL PATH TO BE REMOVED PRIOR TO TRANSPORTATION OF WIND TURBINE BLADES
  2. CLEARING OF VEGETATION SHALL ONLY BE PERFORMED AFTER RELEVANT AUTHORITY APPROVALS ARE OBTAINED, IF REQUIRED FOR ROAD UPGRADE
  3. SURVEY OF HEIGHT CLEARANCES ALONG TRANSPORTATION ROUTE SHALL BE COMPLETED BY THE APPOINTED TRANSPORTATION CONTRACTOR
  4. POTENTIAL CLASHES OF BLADE TRANSPORT VEHICLE WITH GUARDRAILS, TRAFFIC SIGNALS AND STREET LIGHTING TO BE CONFIRMED BY THE APPOINTED TRANSPORTATION CONTRACTOR

**INTERSECTION 5 - GATEWAY MOTORWAY, BOONDALL INTERSECTION PLAN - 84m BLADE TRUCK AND TRAILER**

SCALE 1:2000



80m Blade Truck and Trailer	73.120m
Overall Length	2.591m
Overall Width	3.628m
Overall Body Height	0.348m
Min Body Ground Clearance	2.591m
Max Track Width	2.00s
Lock-to-lock time	60.00°
Max Wheel Angle	

**84m BLADE TRUCK AND TRAILER**

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		T.J.S.	16 08 2019
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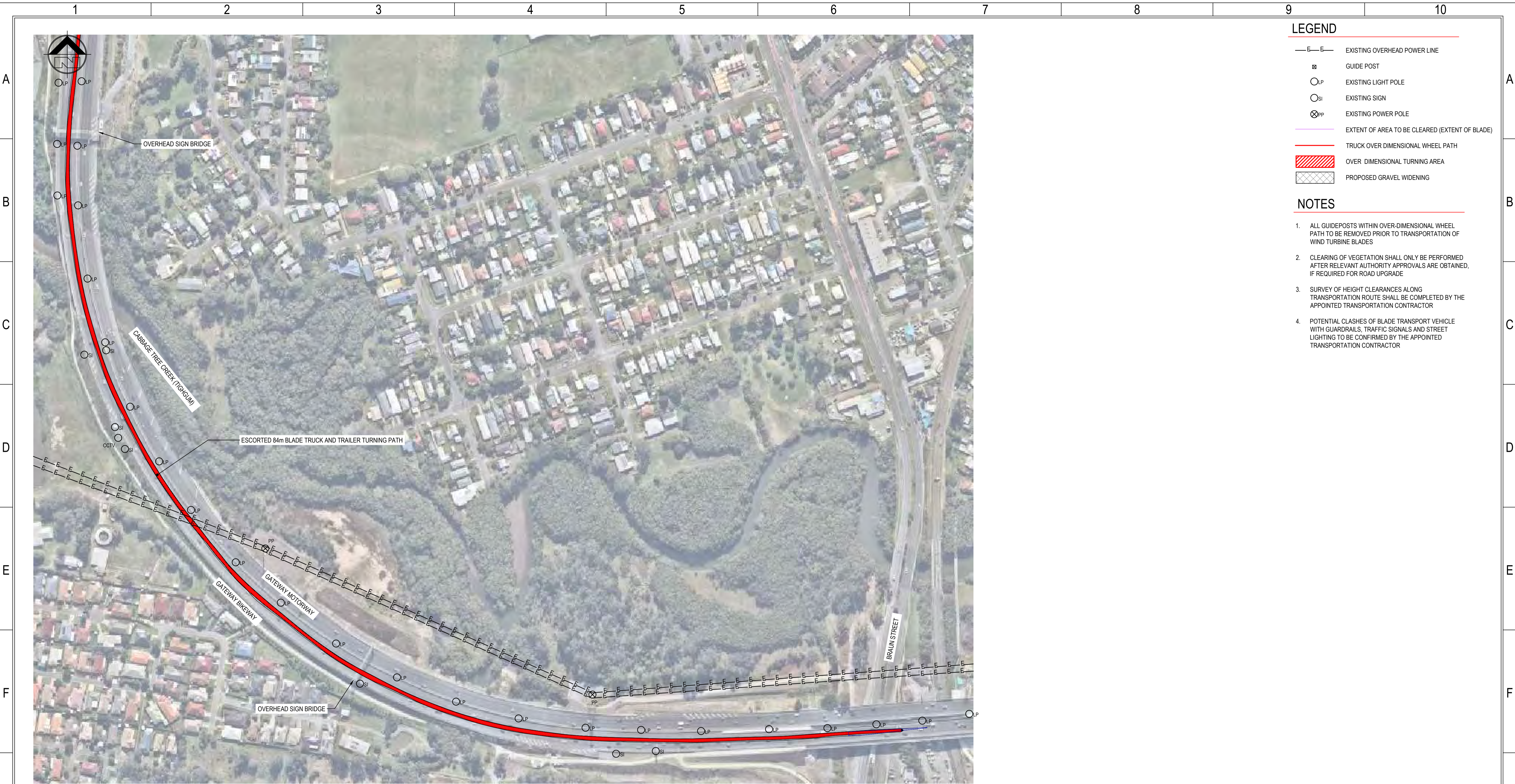
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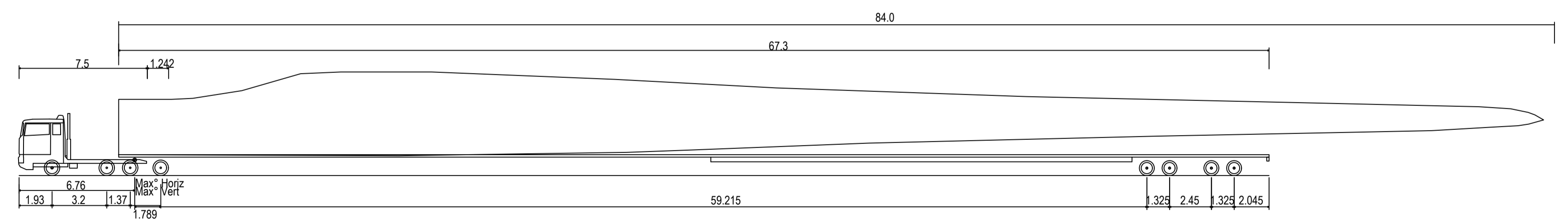


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		SIZE	A1
		DRAWING No.	15-200-TR005
		REV.	0



- LEGEND**
- E—E— EXISTING OVERHEAD POWER LINE
  - ⊞ GUIDE POST
  - LP EXISTING LIGHT POLE
  - SI EXISTING SIGN
  - ⊗PP EXISTING POWER POLE
  - EXTENT OF AREA TO BE CLEARED (EXTENT OF BLADE)
  - TRUCK OVER DIMENSIONAL WHEEL PATH
  - ▨ OVER DIMENSIONAL TURNING AREA
  - ▧ PROPOSED GRAVEL WIDENING
- NOTES**
- ALL GUIDEPOSTS WITHIN OVER-DIMENSIONAL WHEEL PATH TO BE REMOVED PRIOR TO TRANSPORTATION OF WIND TURBINE BLADES
  - CLEARING OF VEGETATION SHALL ONLY BE PERFORMED AFTER RELEVANT AUTHORITY APPROVALS ARE OBTAINED, IF REQUIRED FOR ROAD UPGRADE
  - SURVEY OF HEIGHT CLEARANCES ALONG TRANSPORTATION ROUTE SHALL BE COMPLETED BY THE APPOINTED TRANSPORTATION CONTRACTOR
  - POTENTIAL CLASHES OF BLADE TRANSPORT VEHICLE WITH GUARDRAILS, TRAFFIC SIGNALS AND STREET LIGHTING TO BE CONFIRMED BY THE APPOINTED TRANSPORTATION CONTRACTOR

**INTERSECTION 6 - GATEWAY MOTORWAY, TAIGUM INTERSECTION PLAN - 84m BLADE TRUCK AND TRAILER**  
 SCALE 1:2000



80m Blade Truck and Trailer	73.120m
Overall Length	2.591m
Overall Width	3.628m
Overall Body Height	0.348m
Min Body Ground Clearance	2.591m
Max Track Width	2.00s
Lock-to-lock time	60.00°
Max Wheel Angle	

**84m BLADE TRUCK AND TRAILER**

**TO BE PRINTED  
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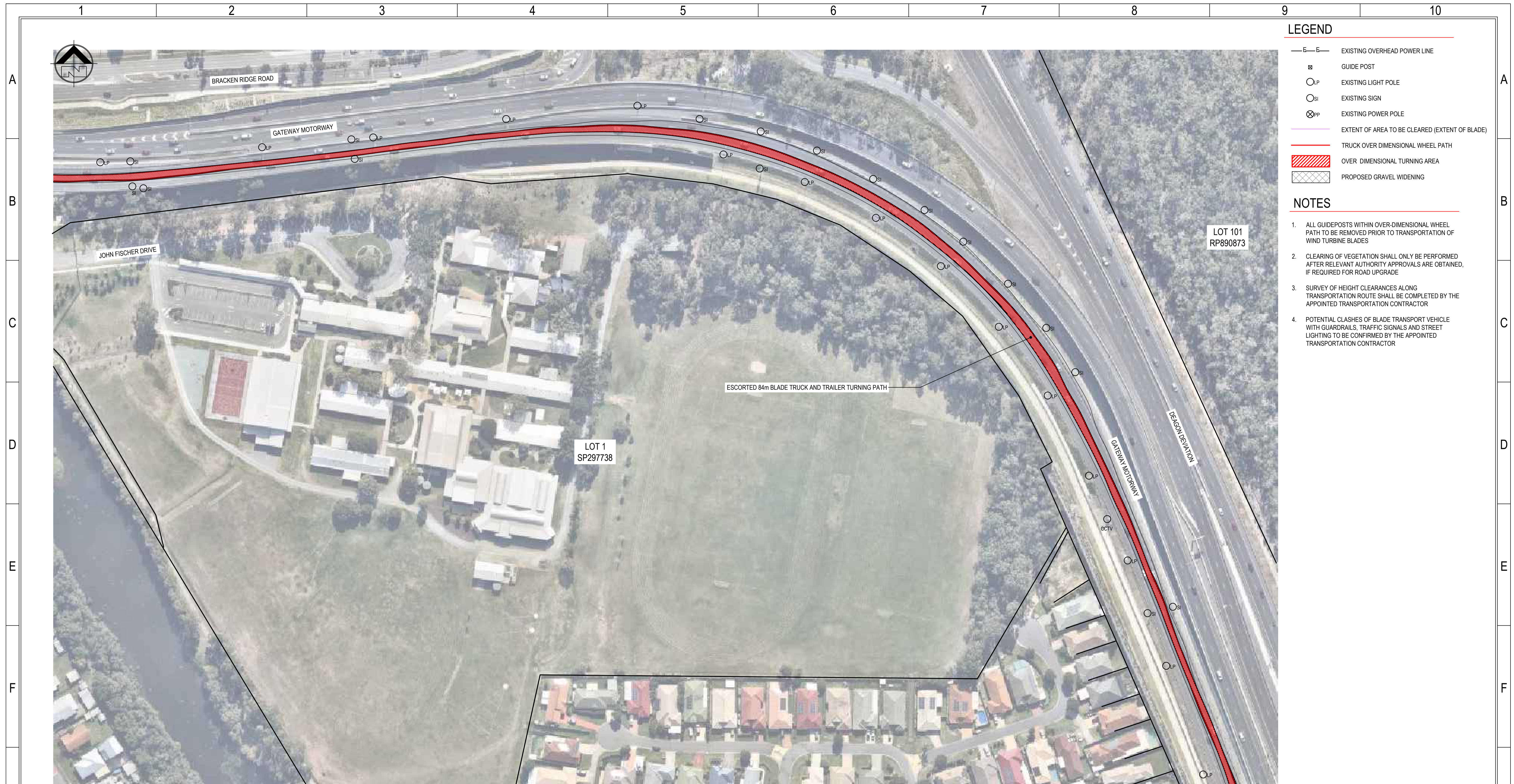
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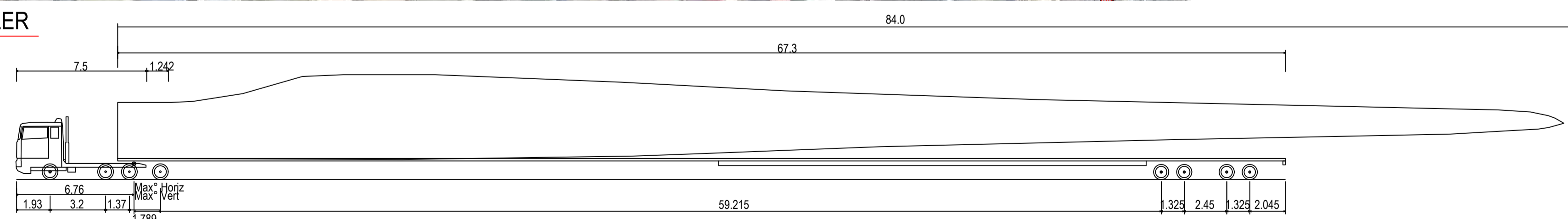


PROJECT	FOREST WIND DEVELOPMENT	DRAWING STATUS	FOR APPROVAL
TITLE	GATEWAY MOTORWAY, TAIGUM INTERSECTION PLAN	PROJECT No.	15-200
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		SIZE	A1
		DRAWING No.	15-200-TR006
		REV.	0



INTERSECTION 7 - GATEWAY MOTORWAY, BRACKEN RIDGE INTERSECTION PLAN - 84m BLADE TRUCK AND TRAILER

SCALE 1:1000



80m Blade Truck and Trailer	73.120m
Overall Length	2.591m
Overall Width	3.628m
Overall Body Height	0.348m
Min Body Ground Clearance	2.591m
Max Track Width	2.00s
Lock-to-lock time	60.00°
Max Wheel Angle	

84m BLADE TRUCK AND TRAILER

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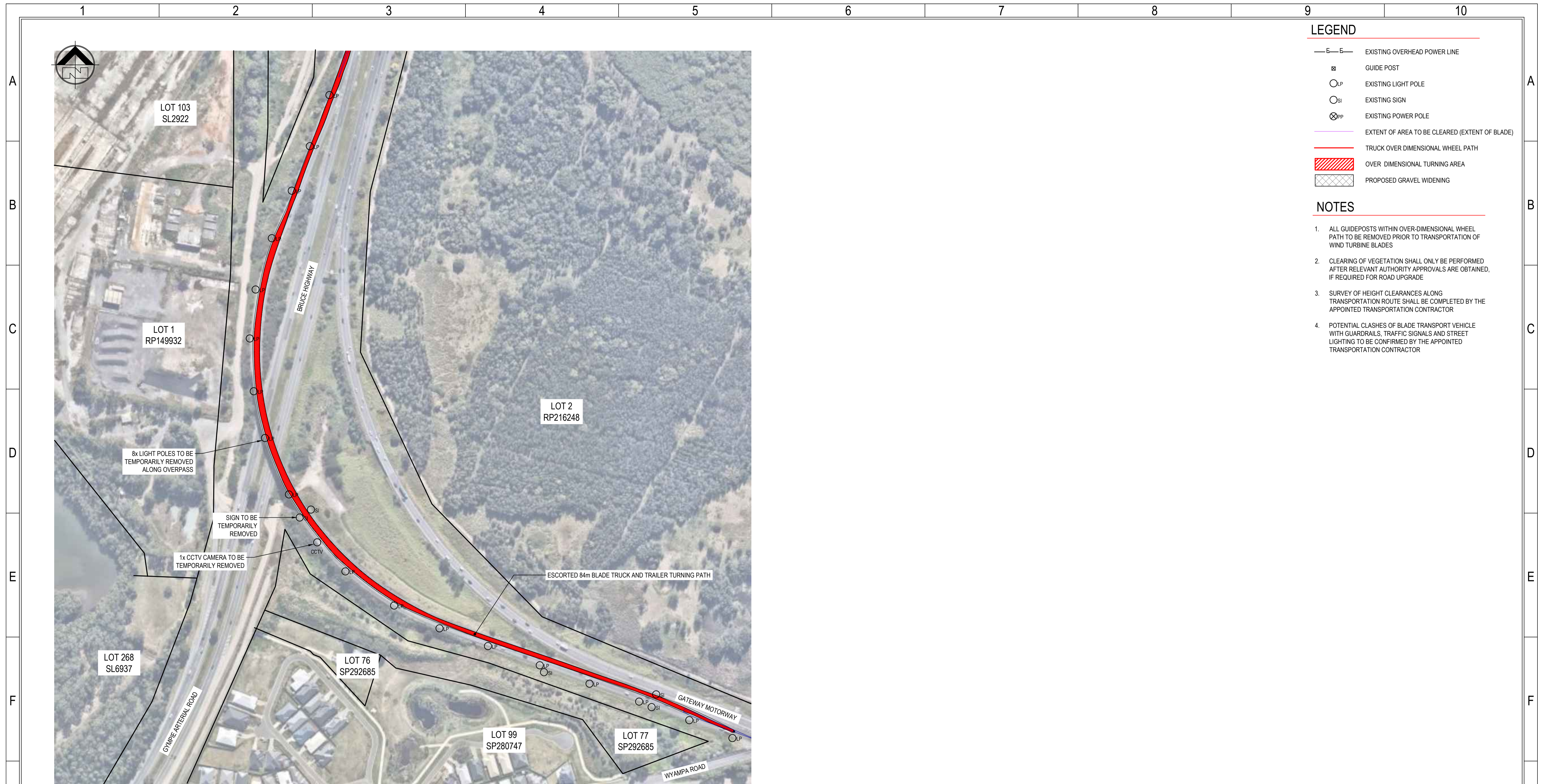
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PROJECT	FOREST WIND DEVELOPMENT
TITLE	GATEWAY MOTORWAY, BRACKEN RIDGE INTERSECTION PLAN

DRAWING STATUS	FOR APPROVAL
PROJECT No	15-200
SCALE	AS SHOWN
SIZE	A1
DRAWING No	15-200-TR007
REV.	0



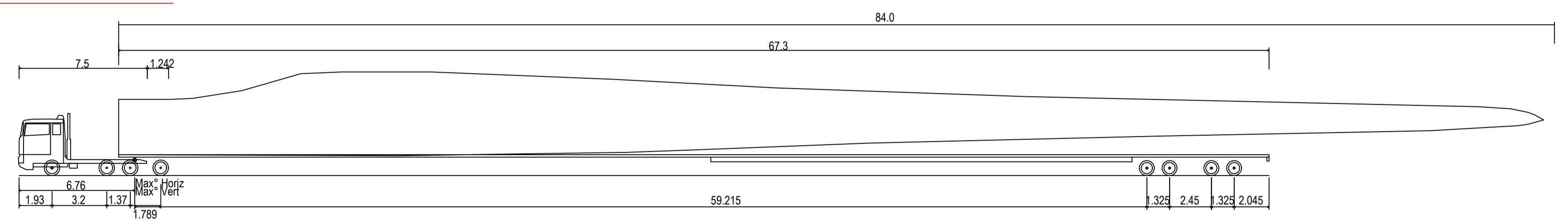


- ### LEGEND
- E—E— EXISTING OVERHEAD POWER LINE
  - ⊞ GUIDE POST
  - LP EXISTING LIGHT POLE
  - SI EXISTING SIGN
  - ⊗PP EXISTING POWER POLE
  - EXTENT OF AREA TO BE CLEARED (EXTENT OF BLADE)
  - TRUCK OVER DIMENSIONAL WHEEL PATH
  - ▨ OVER DIMENSIONAL TURNING AREA
  - ▤ PROPOSED GRAVEL WIDENING

- ### NOTES
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**INTERSECTION 8 - GATEWAY MOTORWAY / BRUCE HIGHWAY, BALD HILLS INTERSECTION PLAN - 84m BLADE TRUCK AND TRAILER**

SCALE 1:2000



84m Blade Truck and Trailer	73.120m
Overall Length	2.591m
Overall Width	3.628m
Overall Body Height	0.348m
Min Body Ground Clearance	2.591m
Max Track Width	2.00s
Lock-to-lock time	60.00°
Max Wheel Angle	

**84m BLADE TRUCK AND TRAILER**

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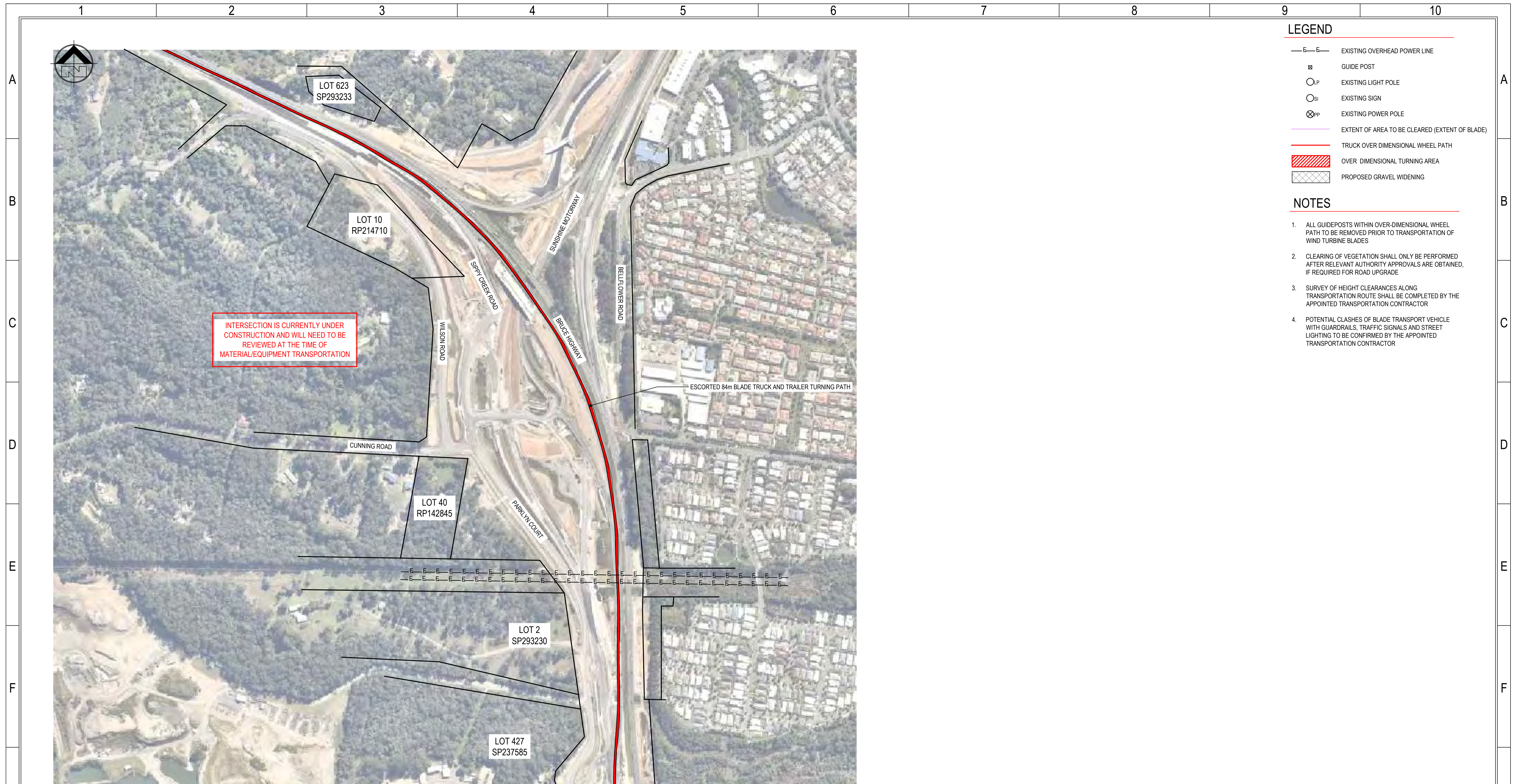
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TITLE	GATEWAY MOTORWAY / BRUCE HIGHWAY, BALD HILLS INTERSECTION PLAN	PROJECT No.	15-200
		SCALE	AS SHOWN
		SIZE	A1
		DRAWING No.	15-200-TR008
		REV.	0



**LEGEND**

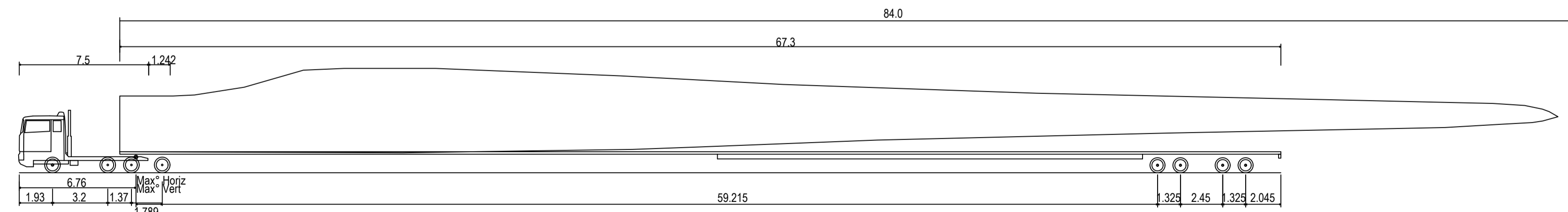
- E—E— EXISTING OVERHEAD POWER LINE
- ⊞ GUIDE POST
- LP EXISTING LIGHT POLE
- SI EXISTING SIGN
- ⊗PP EXISTING POWER POLE
- EXTENT OF AREA TO BE CLEARED (EXTENT OF BLADE)
- TRUCK OVER DIMENSIONAL WHEEL PATH
- ▨ OVER DIMENSIONAL TURNING AREA
- ▤ PROPOSED GRAVEL WIDENING

**NOTES**

1. ALL GUIDEPOSTS WITHIN OVER-DIMENSIONAL WHEEL PATH TO BE REMOVED PRIOR TO TRANSPORTATION OF WIND TURBINE BLADES
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**INTERSECTION 9 - BRUCE HIGHWAY, SUNSHINE COAST INTERSECTION PLAN - 84m BLADE TRUCK AND TRAILER**

SCALE 1:4000



80m Blade Truck and Trailer	73.120m
Overall Length	2.591m
Overall Width	3.628m
Overall Body Height	0.348m
Min Body Ground Clearance	2.591m
Max Track Width	2.00s
Lock-to-lock time	60.00°
Max Wheel Angle	

**84m BLADE TRUCK AND TRAILER**

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		T.J.S	16.08.2019
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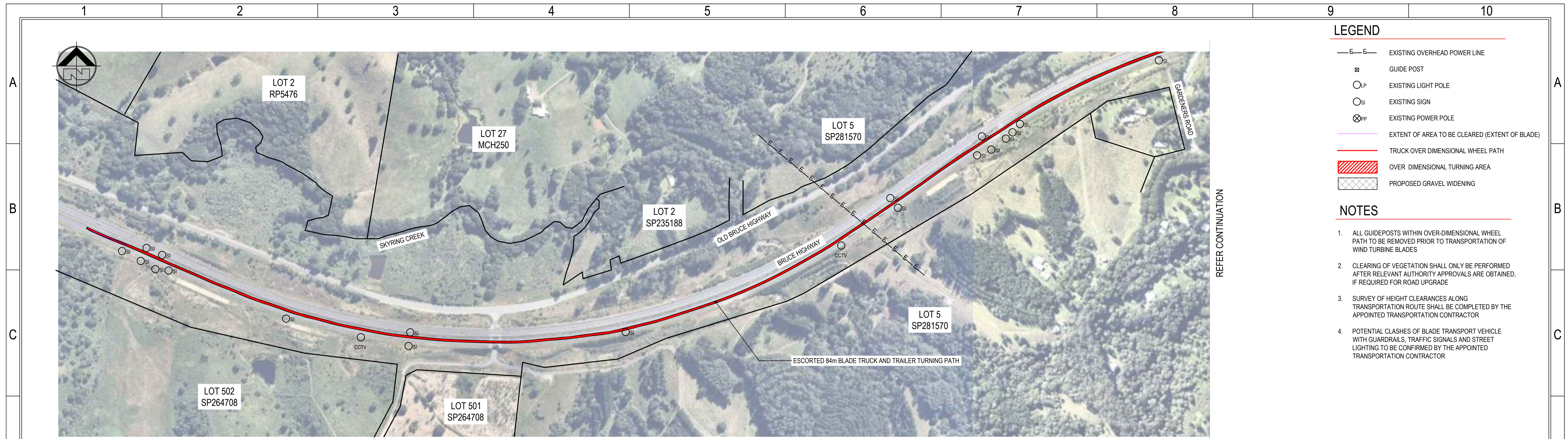
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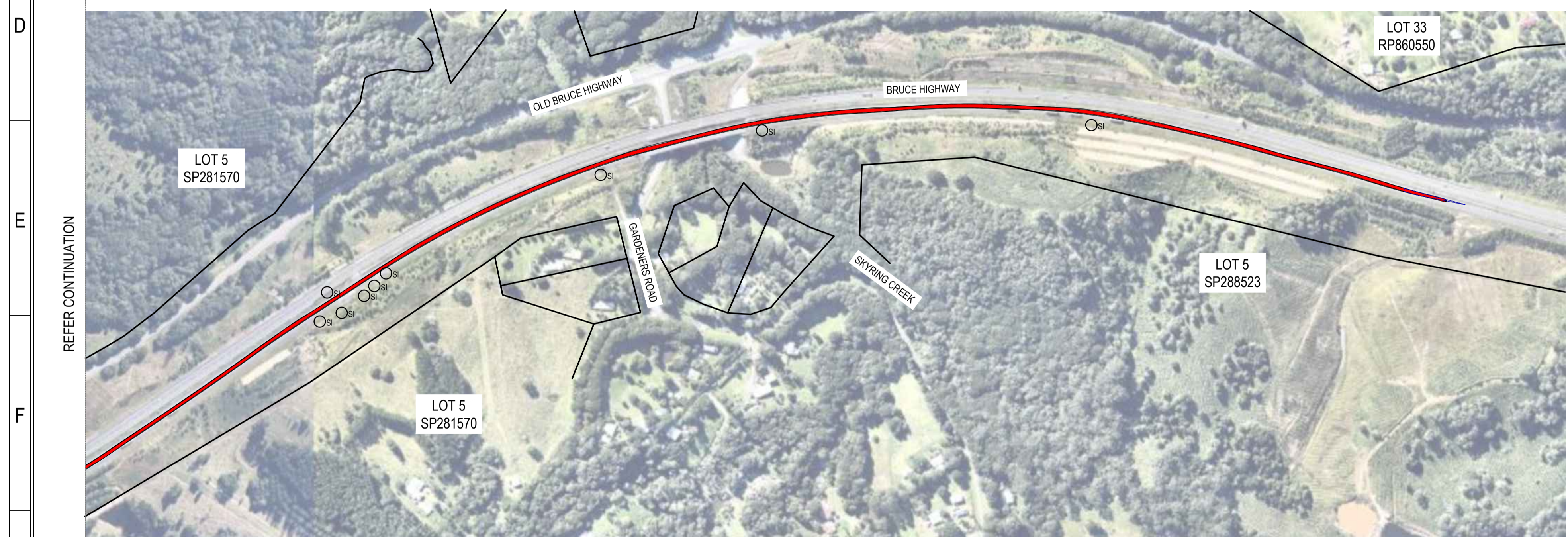


PROJECT	FOREST WIND DEVELOPMENT	DRAWING STATUS	FOR APPROVAL
TITLE	BRUCE HIGHWAY, SUNSHINE COAST INTERSECTION PLAN	PROJECT No.	15-200
		SCALE	AS SHOWN
		SIZE	A1
		DRAWING No.	15-200-TR009
		REV.	0



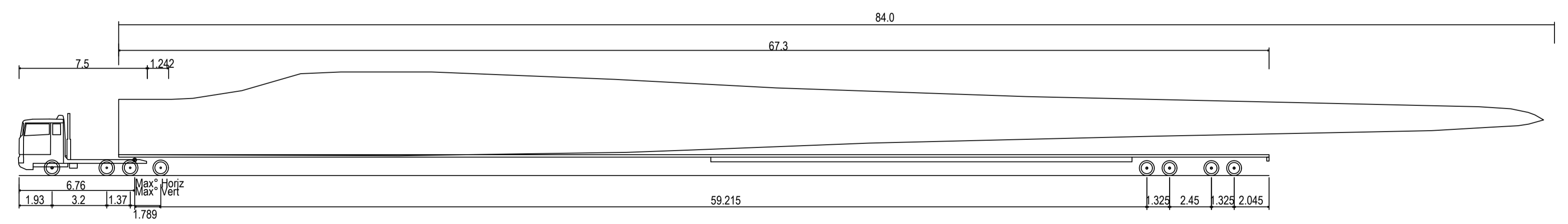
- LEGEND**
- E—E— EXISTING OVERHEAD POWER LINE
  - ⊞ GUIDE POST
  - LP EXISTING LIGHT POLE
  - SI EXISTING SIGN
  - ⊗PP EXISTING POWER POLE
  - EXTENT OF AREA TO BE CLEARED (EXTENT OF BLADE)
  - TRUCK OVER DIMENSIONAL WHEEL PATH
  - ▨ OVER DIMENSIONAL TURNING AREA
  - ▤ PROPOSED GRAVEL WIDENING

- NOTES**
1. ALL GUIDEPOSTS WITHIN OVER-DIMENSIONAL WHEEL PATH TO BE REMOVED PRIOR TO TRANSPORTATION OF WIND TURBINE BLADES
  2. CLEARING OF VEGETATION SHALL ONLY BE PERFORMED AFTER RELEVANT AUTHORITY APPROVALS ARE OBTAINED, IF REQUIRED FOR ROAD UPGRADE
  3. SURVEY OF HEIGHT CLEARANCES ALONG TRANSPORTATION ROUTE SHALL BE COMPLETED BY THE APPOINTED TRANSPORTATION CONTRACTOR
  4. POTENTIAL CLASHES OF BLADE TRANSPORT VEHICLE WITH GUARDRAILS, TRAFFIC SIGNALS AND STREET LIGHTING TO BE CONFIRMED BY THE APPOINTED TRANSPORTATION CONTRACTOR



**INTERSECTION 10 - BRUCE HIGHWAY, FEDERAL INTERSECTION PLAN - 84m BLADE TRUCK AND TRAILER**

SCALE 1:4000



84m Blade Truck and Trailer	73.120m
Overall Length	2.591m
Overall Width	3.628m
Overall Body Height	0.348m
Min Body Ground Clearance	2.591m
Max Track Width	2.00s
Lock-to-lock time	60.00°
Max Wheel Angle	

**84m BLADE TRUCK AND TRAILER**

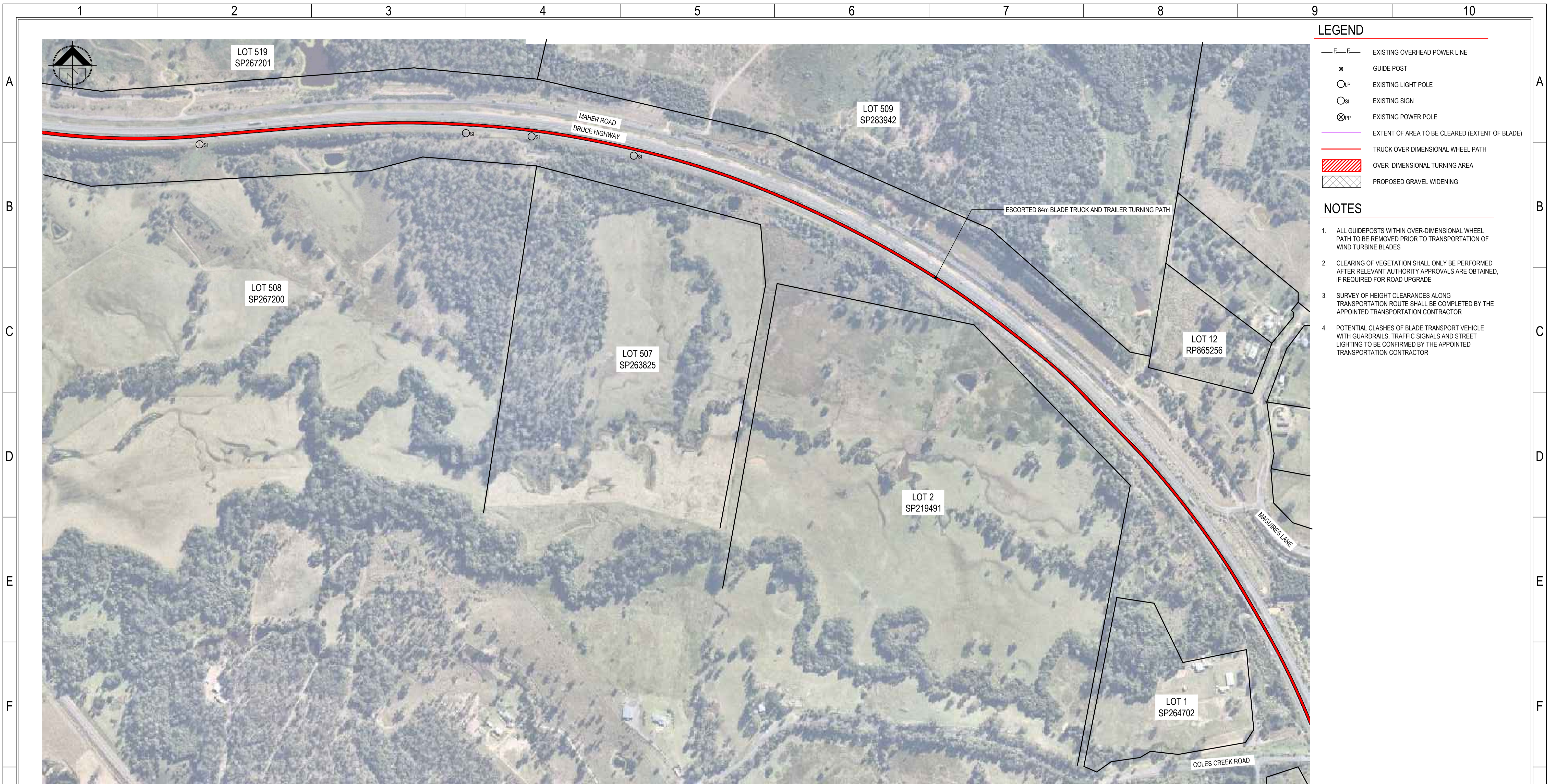
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		T.J.S	16 08 2019
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PROJECT	FOREST WIND DEVELOPMENT	DRAWING STATUS	FOR APPROVAL
TITLE	BRUCE HIGHWAY, FEDERAL INTERSECTION PLAN	PROJECT No.	15-200
		SCALE	AS SHOWN
		SIZE	A1
		DRAWING No.	15-200-TR010
		REV.	0

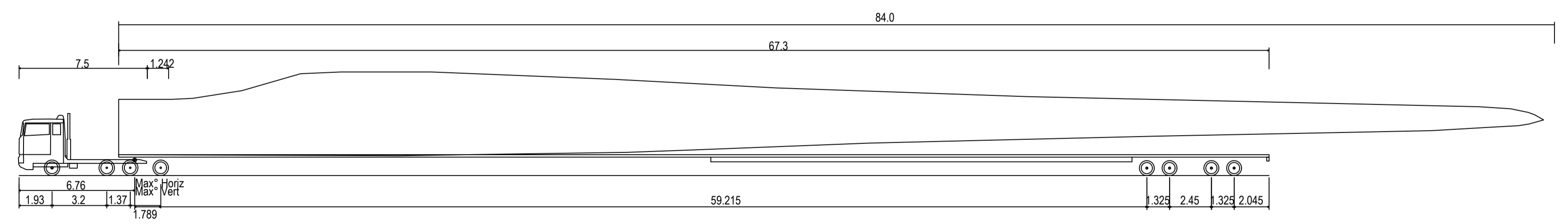


- LEGEND**
- E—E— EXISTING OVERHEAD POWER LINE
  - GUIDE POST
  - LP EXISTING LIGHT POLE
  - SI EXISTING SIGN
  - ⊗PP EXISTING POWER POLE
  - EXTENT OF AREA TO BE CLEARED (EXTENT OF BLADE)
  - TRUCK OVER DIMENSIONAL WHEEL PATH
  - ▨ OVER DIMENSIONAL TURNING AREA
  - ▤ PROPOSED GRAVEL WIDENING

- NOTES**
1. ALL GUIDEPOSTS WITHIN OVER-DIMENSIONAL WHEEL PATH TO BE REMOVED PRIOR TO TRANSPORTATION OF WIND TURBINE BLADES
  2. CLEARING OF VEGETATION SHALL ONLY BE PERFORMED AFTER RELEVANT AUTHORITY APPROVALS ARE OBTAINED, IF REQUIRED FOR ROAD UPGRADE
  3. SURVEY OF HEIGHT CLEARANCES ALONG TRANSPORTATION ROUTE SHALL BE COMPLETED BY THE APPOINTED TRANSPORTATION CONTRACTOR
  4. POTENTIAL CLASHES OF BLADE TRANSPORT VEHICLE WITH GUARDRAILS, TRAFFIC SIGNALS AND STREET LIGHTING TO BE CONFIRMED BY THE APPOINTED TRANSPORTATION CONTRACTOR

**INTERSECTION 11 - BRUCE HIGHWAY, COLES CREEK INTERSECTION PLAN - 84m BLADE TRUCK AND TRAILER**

SCALE 1:4000



84m Blade Truck and Trailer	73.120m
Overall Length	2.591m
Overall Width	3.628m
Overall Body Height	0.348m
Min Body Ground Clearance	2.591m
Max Track Width	2.00s
Lock-to-lock time	60.00°
Max Wheel Angle	

**84m BLADE TRUCK AND TRAILER**

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REV	DETAIL	DRN	CHK
		APP	DATE
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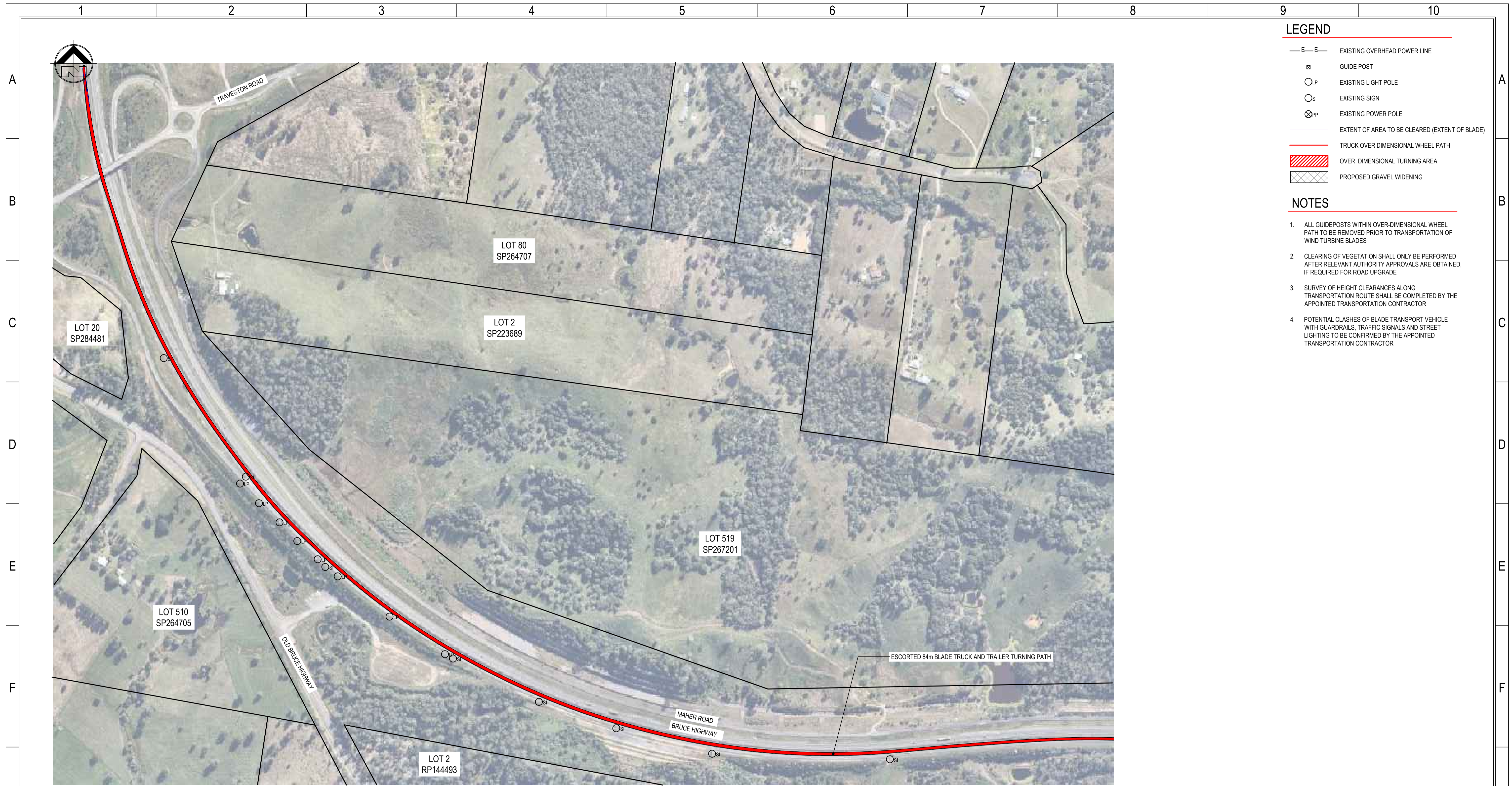
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PROJECT	FOREST WIND DEVELOPMENT	DRAWING STATUS	FOR APPROVAL
TITLE	BRUCE HIGHWAY, COLES CREEK INTERSECTION PLAN	PROJECT No.	15-200
		SCALE	AS SHOWN
		SIZE	A1
		DRAWING No.	15-200-TR011
		REV.	0

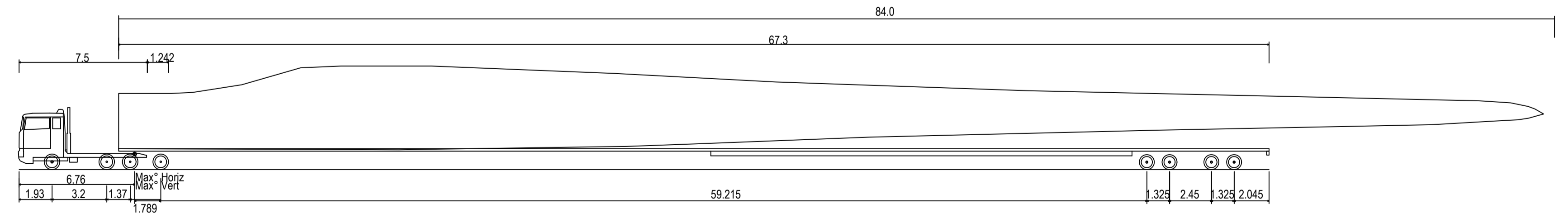


- LEGEND**
- E—E— EXISTING OVERHEAD POWER LINE
  - ⊞ GUIDE POST
  - LP EXISTING LIGHT POLE
  - SI EXISTING SIGN
  - ⊗PP EXISTING POWER POLE
  - EXTENT OF AREA TO BE CLEARED (EXTENT OF BLADE)
  - TRUCK OVER DIMENSIONAL WHEEL PATH
  - ▨ OVER DIMENSIONAL TURNING AREA
  - ▤ PROPOSED GRAVEL WIDENING

- NOTES**
1. ALL GUIDEPOSTS WITHIN OVER-DIMENSIONAL WHEEL PATH TO BE REMOVED PRIOR TO TRANSPORTATION OF WIND TURBINE BLADES
  2. CLEARING OF VEGETATION SHALL ONLY BE PERFORMED AFTER RELEVANT AUTHORITY APPROVALS ARE OBTAINED, IF REQUIRED FOR ROAD UPGRADE
  3. SURVEY OF HEIGHT CLEARANCES ALONG TRANSPORTATION ROUTE SHALL BE COMPLETED BY THE APPOINTED TRANSPORTATION CONTRACTOR
  4. POTENTIAL CLASHES OF BLADE TRANSPORT VEHICLE WITH GUARDRAILS, TRAFFIC SIGNALS AND STREET LIGHTING TO BE CONFIRMED BY THE APPOINTED TRANSPORTATION CONTRACTOR

**INTERSECTION 12 - BRUCE HIGHWAY, COLES CREEK INTERSECTION PLAN - 84m BLADE TRUCK AND TRAILER**

SCALE 1:4000



84m Blade Truck and Trailer	
Overall Length	73.120m
Overall Width	2.591m
Overall Body Height	3.628m
Min Body Ground Clearance	0.348m
Max Track Width	2.591m
Lock-to-lock time	2.00s
Max Wheel Angle	60.00°

**84m BLADE TRUCK AND TRAILER**

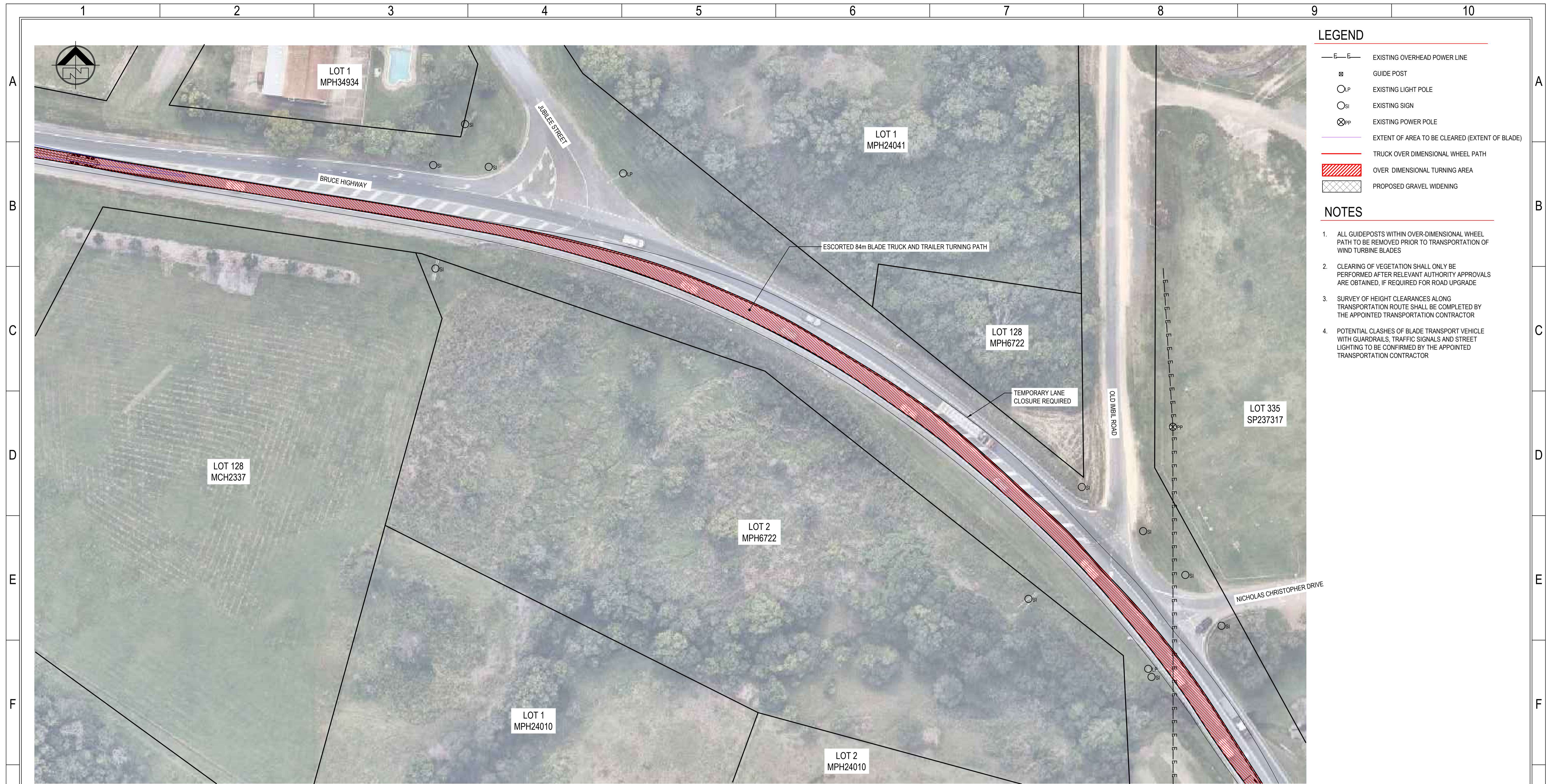
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PROJECT	FOREST WIND DEVELOPMENT	DRAWING STATUS	FOR APPROVAL
TITLE	BRUCE HIGHWAY, COLES CREEK INTERSECTION PLAN	PROJECT No.	15-200
		SCALE	AS SHOWN
		SIZE	A1
		DRAWING No.	15-200-TR012
		REV.	0

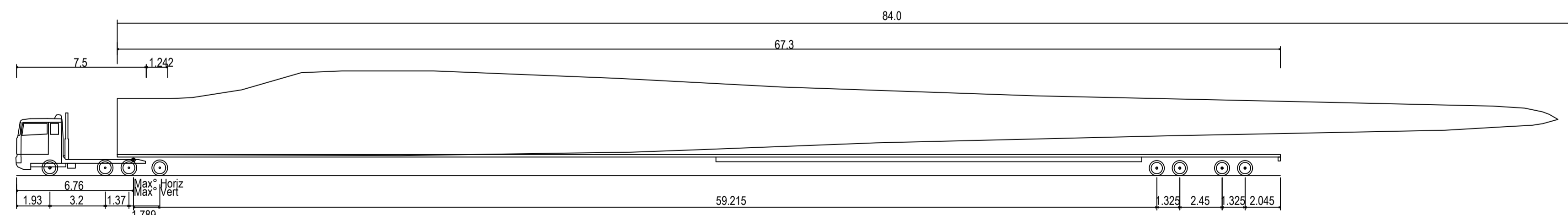


- ### LEGEND
- EXISTING OVERHEAD POWER LINE
  - GUIDE POST
  - EXISTING LIGHT POLE
  - EXISTING SIGN
  - EXISTING POWER POLE
  - EXTENT OF AREA TO BE CLEARED (EXTENT OF BLADE)
  - TRUCK OVER DIMENSIONAL WHEEL PATH
  - OVER DIMENSIONAL TURNING AREA
  - PROPOSED GRAVEL WIDENING

- ### NOTES
1. ALL GUIDEPOSTS WITHIN OVER-DIMENSIONAL WHEEL PATH TO BE REMOVED PRIOR TO TRANSPORTATION OF WIND TURBINE BLADES
  2. CLEARING OF VEGETATION SHALL ONLY BE PERFORMED AFTER RELEVANT AUTHORITY APPROVALS ARE OBTAINED, IF REQUIRED FOR ROAD UPGRADE
  3. SURVEY OF HEIGHT CLEARANCES ALONG TRANSPORTATION ROUTE SHALL BE COMPLETED BY THE APPOINTED TRANSPORTATION CONTRACTOR
  4. POTENTIAL CLASHES OF BLADE TRANSPORT VEHICLE WITH GUARDRAILS, TRAFFIC SIGNALS AND STREET LIGHTING TO BE CONFIRMED BY THE APPOINTED TRANSPORTATION CONTRACTOR

**INTERSECTION 13 - BRUCE HIGHWAY, MONKLAND INTERSECTION PLAN - 84m BLADE TRUCK AND TRAILER**

SCALE 1:500



84m Blade Truck and Trailer	73.120m
Overall Length	2.591m
Overall Width	3.628m
Overall Body Height	0.348m
Min Body Ground Clearance	2.591m
Max Track Width	2.00s
Lock-to-lock time	60.00°
Max Wheel Angle	

**84m BLADE TRUCK AND TRAILER**

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PROJECT	FOREST WIND DEVELOPMENT	DRAWING STATUS	FOR APPROVAL
TITLE	BRUCE HIGHWAY, MONKLAND INTERSECTION PLAN	PROJECT No.	15-200
		SCALE	AS SHOWN
		SIZE	A1
		DRAWING No.	15-200-TR013
		REV.	0

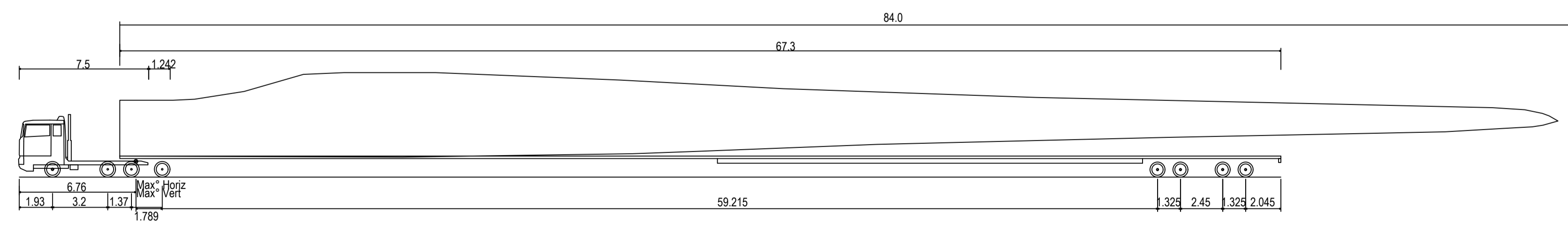


- LEGEND**
- E—E— EXISTING OVERHEAD POWER LINE
  - ⊞ GUIDE POST
  - LP EXISTING LIGHT POLE
  - SI EXISTING SIGN
  - ⊗PP EXISTING POWER POLE
  - EXTENT OF AREA TO BE CLEARED (EXTENT OF BLADE)
  - TRUCK OVER DIMENSIONAL WHEEL PATH
  - ▨ OVER DIMENSIONAL TURNING AREA
  - ▧ PROPOSED GRAVEL WIDENING

- NOTES**
1. ALL GUIDEPOSTS WITHIN OVER-DIMENSIONAL WHEEL PATH TO BE REMOVED PRIOR TO TRANSPORTATION OF WIND TURBINE BLADES
  2. CLEARING OF VEGETATION SHALL ONLY BE PERFORMED AFTER RELEVANT AUTHORITY APPROVALS ARE OBTAINED, IF REQUIRED FOR ROAD UPGRADE
  3. SURVEY OF HEIGHT CLEARANCES ALONG TRANSPORTATION ROUTE SHALL BE COMPLETED BY THE APPOINTED TRANSPORTATION CONTRACTOR
  4. POTENTIAL CLASHES OF BLADE TRANSPORT VEHICLE WITH GUARDRAILS, TRAFFIC SIGNALS AND STREET LIGHTING TO BE CONFIRMED BY THE APPOINTED TRANSPORTATION CONTRACTOR

**INTERSECTION 14 - BRUCE HIGHWAY, MONKLAND INTERSECTION PLAN - 84m BLADE TRUCK AND TRAILER**

SCALE 1:500



80m Blade Truck and Trailer	73.120m
Overall Length	2.591m
Overall Width	3.628m
Overall Body Height	0.348m
Min Body Ground Clearance	2.591m
Max Track Width	2.00s
Lock-to-lock time	60.00°
Max Wheel Angle	

**84m BLADE TRUCK AND TRAILER**

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		T.J.S	16 08 2019
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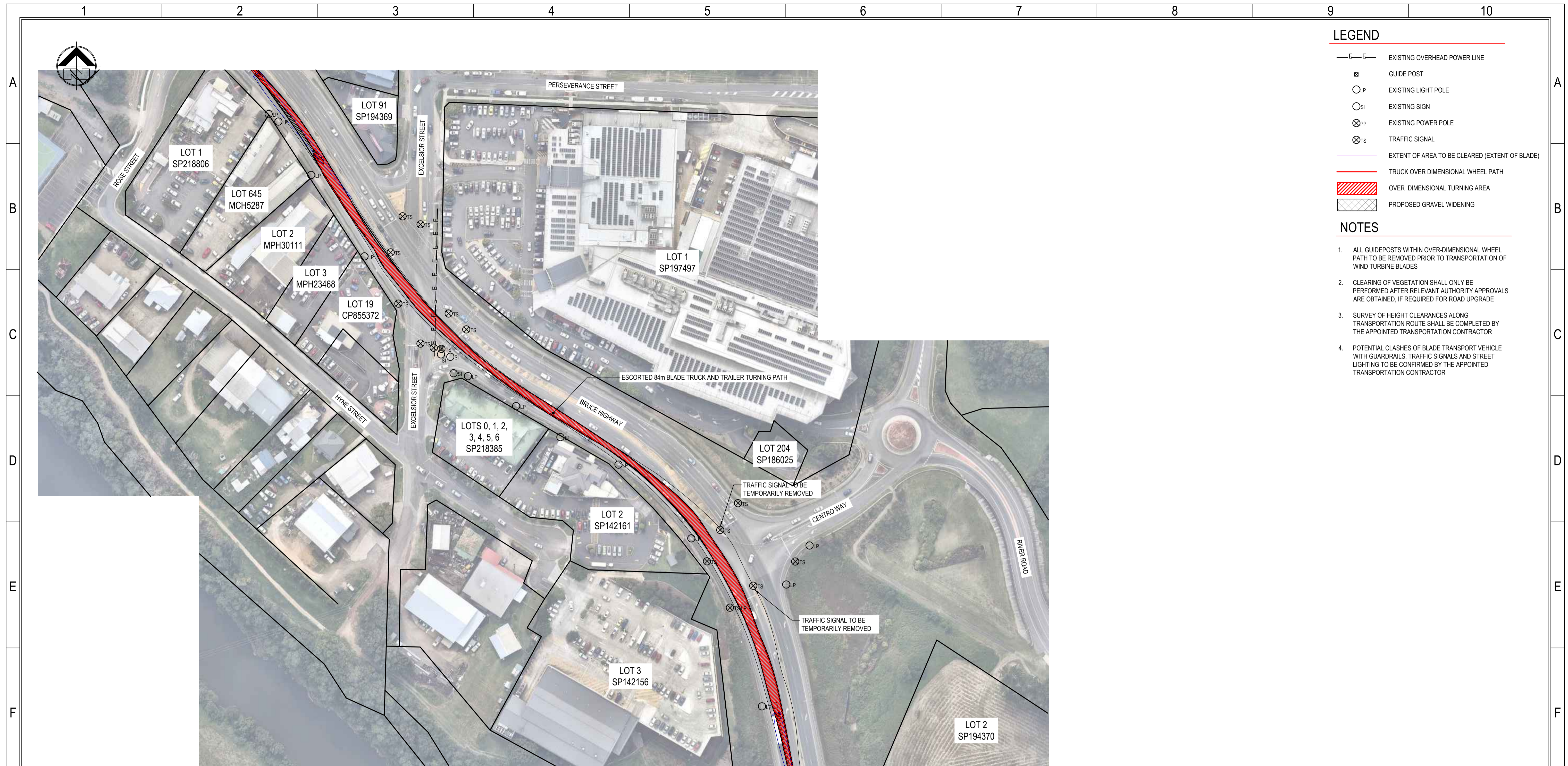
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PROJECT	FOREST WIND DEVELOPMENT	DRAWING STATUS	FOR APPROVAL
TITLE	BRUCE HIGHWAY, MONKLAND INTERSECTION PLAN	PROJECT No.	15-200
		SCALE	AS SHOWN
		SIZE	A1
		DRAWING No.	15-200-TR014
		REV.	0

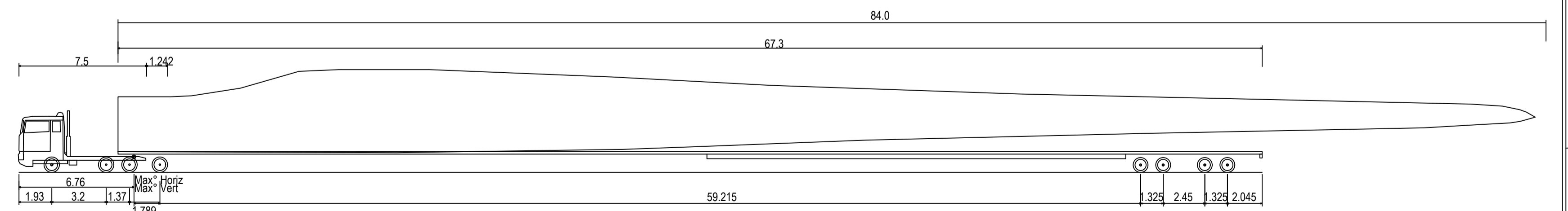


- LEGEND**
- E—E— EXISTING OVERHEAD POWER LINE
  - ⊗ GUIDE POST
  - LP EXISTING LIGHT POLE
  - SI EXISTING SIGN
  - ⊗PP EXISTING POWER POLE
  - ⊗TS TRAFFIC SIGNAL
  - EXTENT OF AREA TO BE CLEARED (EXTENT OF BLADE)
  - TRUCK OVER DIMENSIONAL WHEEL PATH
  - ▨ OVER DIMENSIONAL TURNING AREA
  - ▧ PROPOSED GRAVEL WIDENING

- NOTES**
1. ALL GUIDEPOSTS WITHIN OVER-DIMENSIONAL WHEEL PATH TO BE REMOVED PRIOR TO TRANSPORTATION OF WIND TURBINE BLADES
  2. CLEARING OF VEGETATION SHALL ONLY BE PERFORMED AFTER RELEVANT AUTHORITY APPROVALS ARE OBTAINED, IF REQUIRED FOR ROAD UPGRADE
  3. SURVEY OF HEIGHT CLEARANCES ALONG TRANSPORTATION ROUTE SHALL BE COMPLETED BY THE APPOINTED TRANSPORTATION CONTRACTOR
  4. POTENTIAL CLASHES OF BLADE TRANSPORT VEHICLE WITH GUARDRAILS, TRAFFIC SIGNALS AND STREET LIGHTING TO BE CONFIRMED BY THE APPOINTED TRANSPORTATION CONTRACTOR

**INTERSECTION 15 - BRUCE HIGHWAY, GYMPIE INTERSECTION PLAN - 84m BLADE TRUCK AND TRAILER**

SCALE 1:1000



84m Blade Truck and Trailer	73.120m
Overall Length	2.591m
Overall Width	3.628m
Overall Body Height	0.348m
Min Body Ground Clearance	2.591m
Max Track Width	2.00s
Lock-to-lock time	60.00°
Max Wheel Angle	

**84m BLADE TRUCK AND TRAILER**

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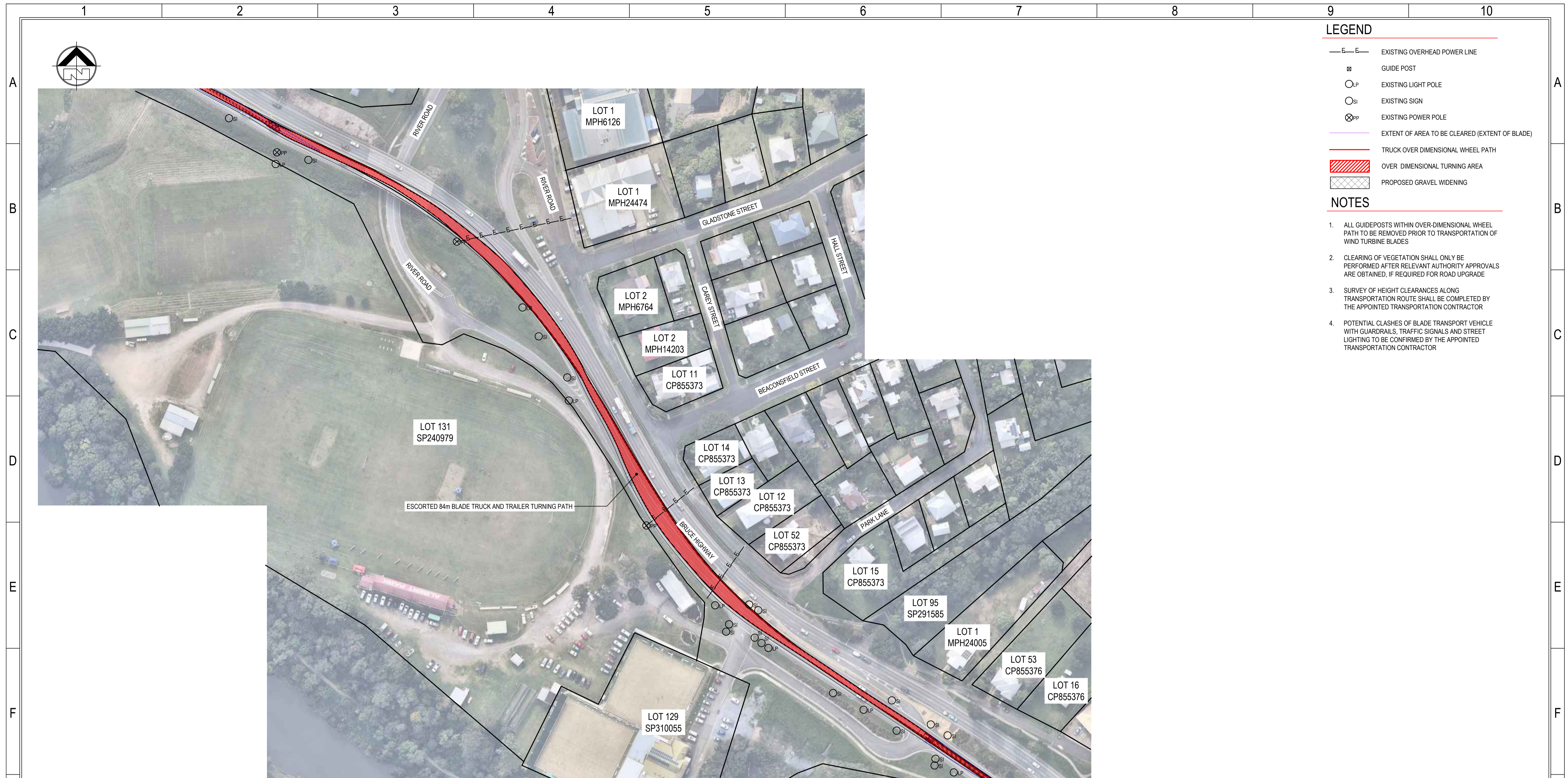
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PROJECT FOREST WIND DEVELOPMENT	DRAWING STATUS FOR APPROVAL
TITLE BRUCE HIGHWAY, GYMPIE INTERSECTION PLAN	PROJECT No 15-200
	SCALE AS SHOWN
	SIZE A1
	DRAWING No 15-200-TR015
	REV. 0



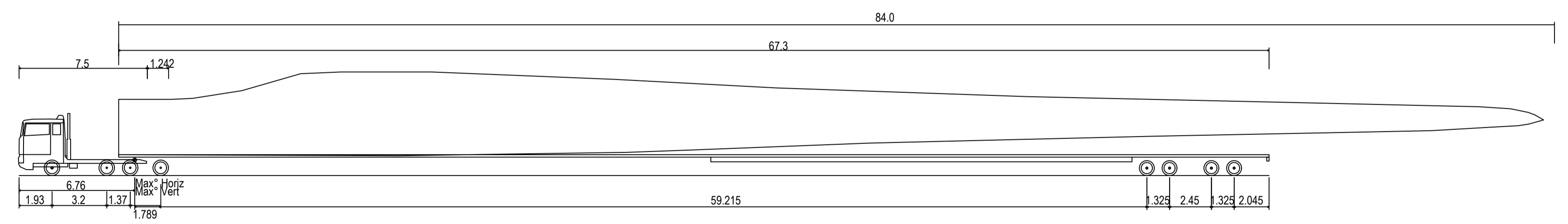


- LEGEND**
- E—E— EXISTING OVERHEAD POWER LINE
  - GUIDE POST
  - LP EXISTING LIGHT POLE
  - SI EXISTING SIGN
  - ⊗PP EXISTING POWER POLE
  - EXTENT OF AREA TO BE CLEARED (EXTENT OF BLADE)
  - TRUCK OVER DIMENSIONAL WHEEL PATH
  - ▨ OVER DIMENSIONAL TURNING AREA
  - ▤ PROPOSED GRAVEL WIDENING

- NOTES**
1. ALL GUIDEPOSTS WITHIN OVER-DIMENSIONAL WHEEL PATH TO BE REMOVED PRIOR TO TRANSPORTATION OF WIND TURBINE BLADES
  2. CLEARING OF VEGETATION SHALL ONLY BE PERFORMED AFTER RELEVANT AUTHORITY APPROVALS ARE OBTAINED, IF REQUIRED FOR ROAD UPGRADE
  3. SURVEY OF HEIGHT CLEARANCES ALONG TRANSPORTATION ROUTE SHALL BE COMPLETED BY THE APPOINTED TRANSPORTATION CONTRACTOR
  4. POTENTIAL CLASHES OF BLADE TRANSPORT VEHICLE WITH GUARDRAILS, TRAFFIC SIGNALS AND STREET LIGHTING TO BE CONFIRMED BY THE APPOINTED TRANSPORTATION CONTRACTOR

**INTERSECTION 16 - BRUCE HIGHWAY, GYMPIE INTERSECTION PLAN - 84m BLADE TRUCK AND TRAILER**

SCALE 1:1000



84m Blade Truck and Trailer	73.120m
Overall Length	2.591m
Overall Width	3.628m
Overall Body Height	0.348m
Min Body Ground Clearance	2.591m
Max Track Width	2.00s
Lock-to-lock time	60.00°
Max Wheel Angle	

**84m BLADE TRUCK AND TRAILER**

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		T.J.S	16 08 2019
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PROJECT	FOREST WIND DEVELOPMENT	DRAWING STATUS	FOR APPROVAL
TITLE	BRUCE HIGHWAY, GYMPIE INTERSECTION PLAN	PROJECT No.	15-200
		SCALE	AS SHOWN
		SIZE	A1
		DRAWING No.	15-200-TR016
		REV.	0

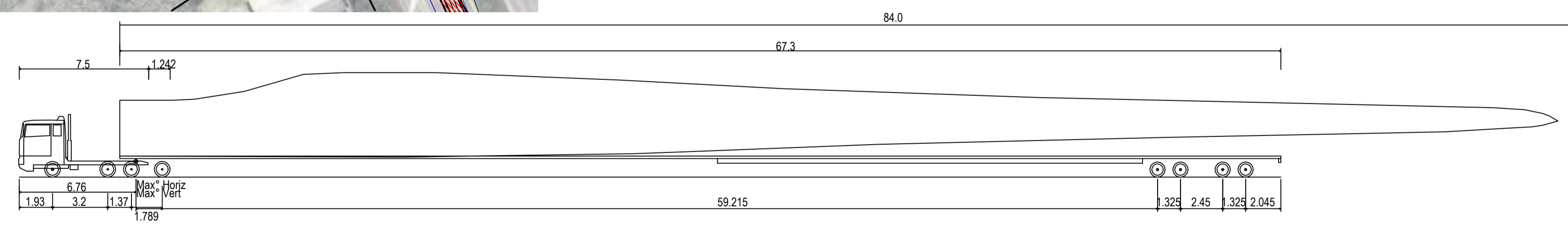


- ### LEGEND
- E — EXISTING OVERHEAD POWER LINE
  - GUIDE POST
  - LP EXISTING LIGHT POLE
  - SI EXISTING SIGN
  - ⊗ PP EXISTING POWER POLE
  - EXTENT OF AREA TO BE CLEARED (EXTENT OF BLADE)
  - TRUCK OVER DIMENSIONAL WHEEL PATH
  - ▨ OVER DIMENSIONAL TURNING AREA
  - ▩ PROPOSED GRAVEL WIDENING

- ### NOTES
1. ALL GUIDEPOSTS WITHIN OVER-DIMENSIONAL WHEEL PATH TO BE REMOVED PRIOR TO TRANSPORTATION OF WIND TURBINE BLADES
  2. CLEARING OF VEGETATION SHALL ONLY BE PERFORMED AFTER RELEVANT AUTHORITY APPROVALS ARE OBTAINED, IF REQUIRED FOR ROAD UPGRADE
  3. SURVEY OF HEIGHT CLEARANCES ALONG TRANSPORTATION ROUTE SHALL BE COMPLETED BY THE APPOINTED TRANSPORTATION CONTRACTOR
  4. POTENTIAL CLASHES OF BLADE TRANSPORT VEHICLE WITH GUARDRAILS, TRAFFIC SIGNALS AND STREET LIGHTING TO BE CONFIRMED BY THE APPOINTED TRANSPORTATION CONTRACTOR

**INTERSECTION 17 - BRUCE HIGHWAY, GYMPIE INTERSECTION PLAN - 84m BLADE TRUCK AND TRAILER**

SCALE 1:500



84m Blade Truck and Trailer	73.120m
Overall Length	2.591m
Overall Width	3.628m
Overall Body Height	0.348m
Min Body Ground Clearance	2.591m
Max Track Width	2.00s
Lock-to-lock time	60.00°
Max Wheel Angle	

**84m BLADE TRUCK AND TRAILER**

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0	FOR APPROVAL	K.J.L	T.J.S
		T.J.S	16 08 2019
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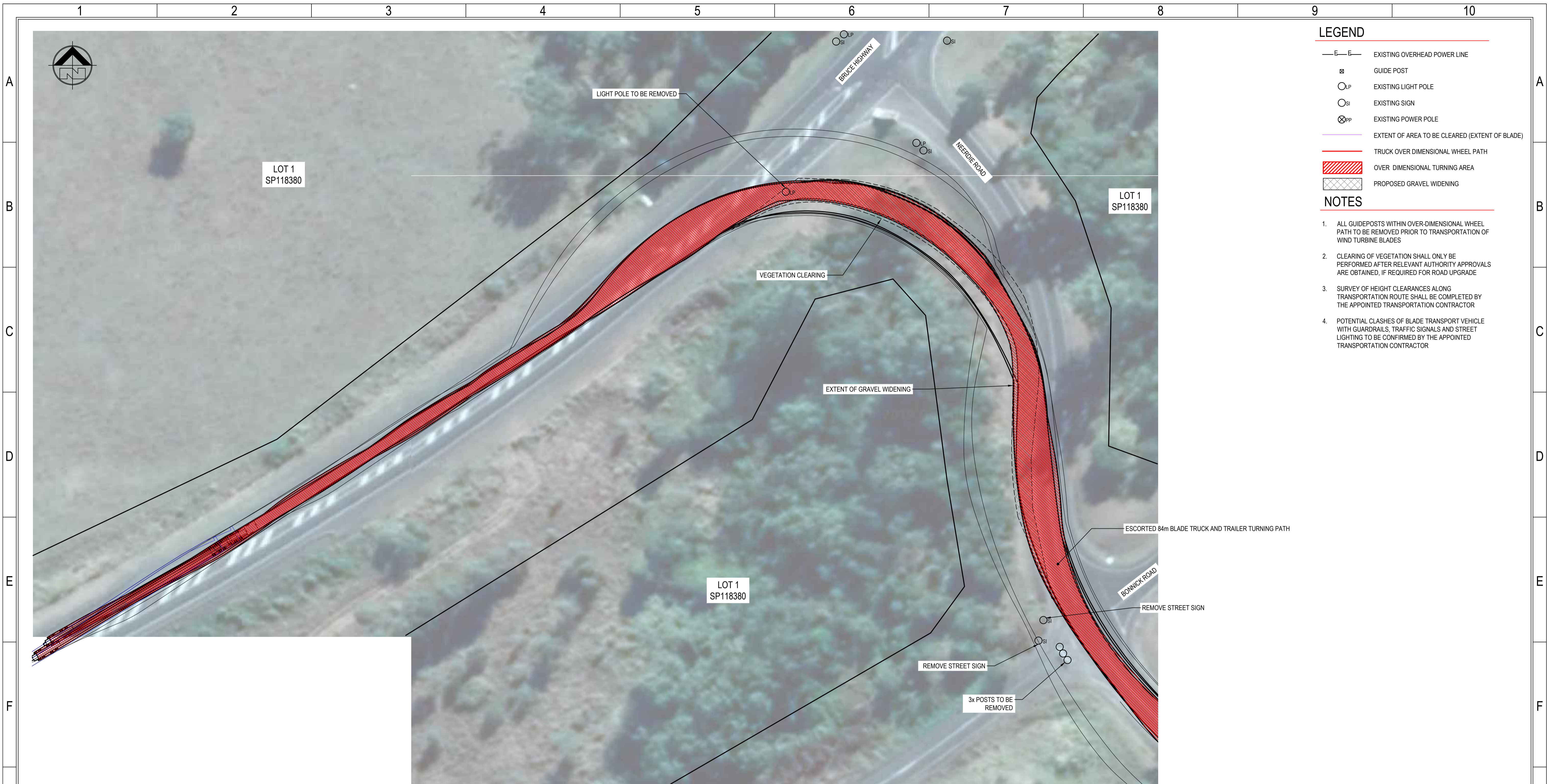
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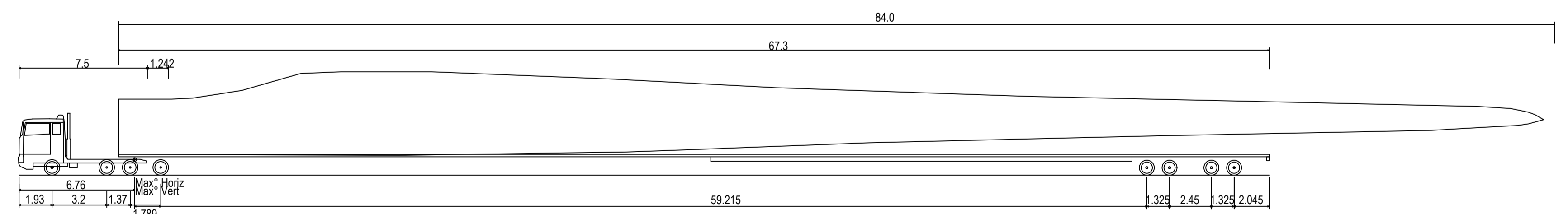
PROJECT	FOREST WIND DEVELOPMENT	DRAWING STATUS	FOR APPROVAL
TITLE	BRUCE HIGHWAY, GYMPIE INTERSECTION PLAN	PROJECT No.	15-200
		SCALE	AS SHOWN
		SIZE	A1
		DRAWING No.	15-200-TR017
		REV.	0



- LEGEND**
- E—E— EXISTING OVERHEAD POWER LINE
  - ⊞ GUIDE POST
  - LP EXISTING LIGHT POLE
  - SI EXISTING SIGN
  - ⊗PP EXISTING POWER POLE
  - EXTENT OF AREA TO BE CLEARED (EXTENT OF BLADE)
  - TRUCK OVER DIMENSIONAL WHEEL PATH
  - ▨ OVER DIMENSIONAL TURNING AREA
  - ▧ PROPOSED GRAVEL WIDENING
- NOTES**
1. ALL GUIDEPOSTS WITHIN OVER-DIMENSIONAL WHEEL PATH TO BE REMOVED PRIOR TO TRANSPORTATION OF WIND TURBINE BLADES
  2. CLEARING OF VEGETATION SHALL ONLY BE PERFORMED AFTER RELEVANT AUTHORITY APPROVALS ARE OBTAINED, IF REQUIRED FOR ROAD UPGRADE
  3. SURVEY OF HEIGHT CLEARANCES ALONG TRANSPORTATION ROUTE SHALL BE COMPLETED BY THE APPOINTED TRANSPORTATION CONTRACTOR
  4. POTENTIAL CLASHES OF BLADE TRANSPORT VEHICLE WITH GUARDRAILS, TRAFFIC SIGNALS AND STREET LIGHTING TO BE CONFIRMED BY THE APPOINTED TRANSPORTATION CONTRACTOR

**INTERSECTION 18 - BRUCE HIGHWAY / NEERDIE ROAD INTERSECTION PLAN - 84 BLADE TRUCK AND TRAILER**

SCALE 1:500



80m Blade Truck and Trailer	73.120m
Overall Length	2.591m
Overall Width	3.628m
Overall Body Height	0.348m
Min Body Ground Clearance	2.591m
Max Track Width	2.00s
Lock-to-lock time	60.00°
Max Wheel Angle	

**84m BLADE TRUCK AND TRAILER**

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PROJECT	FOREST WIND DEVELOPMENT	DRAWING STATUS	FOR APPROVAL
TITLE	BRUCE HIGHWAY / NEERDIE ROAD INTERSECTION PLAN	PROJECT No.	15-200
		SCALE	AS SHOWN
		SIZE	A1
		DRAWING No.	15-200-TR018
		REV.	0

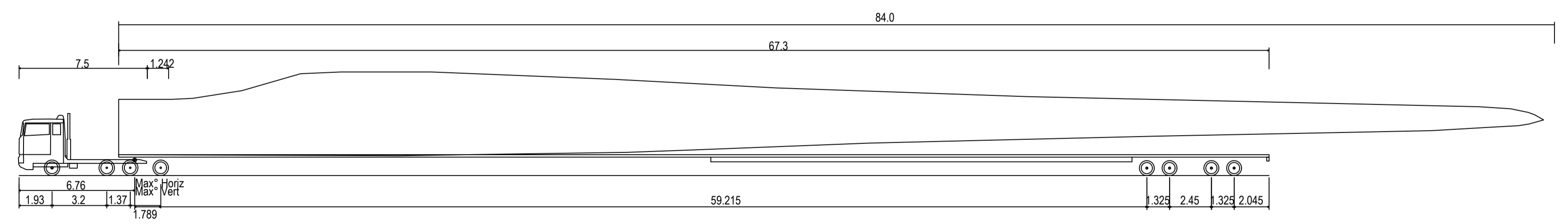


- LEGEND**
- E—E— EXISTING OVERHEAD POWER LINE
  - ⊕ GUIDE POST
  - LP EXISTING LIGHT POLE
  - SI EXISTING SIGN
  - ⊗PP EXISTING POWER POLE
  - EXTENT OF AREA TO BE CLEARED (EXTENT OF BLADE)
  - TRUCK OVER DIMENSIONAL WHEEL PATH
  - ▨ OVER DIMENSIONAL TURNING AREA
  - ▤ PROPOSED GRAVEL WIDENING

- NOTES**
1. ALL GUIDEPOSTS WITHIN OVER-DIMENSIONAL WHEEL PATH TO BE REMOVED PRIOR TO TRANSPORTATION OF WIND TURBINE BLADES
  2. CLEARING OF VEGETATION SHALL ONLY BE PERFORMED AFTER RELEVANT AUTHORITY APPROVALS ARE OBTAINED, IF REQUIRED FOR ROAD UPGRADE
  3. SURVEY OF HEIGHT CLEARANCES ALONG TRANSPORTATION ROUTE SHALL BE COMPLETED BY THE APPOINTED TRANSPORTATION CONTRACTOR
  4. POTENTIAL CLASHES OF BLADE TRANSPORT VEHICLE WITH GUARDRAILS, TRAFFIC SIGNALS AND STREET LIGHTING TO BE CONFIRMED BY THE APPOINTED TRANSPORTATION CONTRACTOR

**INTERSECTION 19 - NEERDIE ROAD, GUNALDA INTERSECTION PLAN - 84m BLADE TRUCK AND TRAILER**

SCALE 1:500



84m Blade Truck and Trailer	73.120m
Overall Length	2.591m
Overall Width	3.628m
Overall Body Height	0.348m
Min Body Ground Clearance	2.591m
Max Track Width	2.00s
Lock-to-lock time	60.00°
Max Wheel Angle	

**84m BLADE TRUCK AND TRAILER**

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PROJECT	FOREST WIND DEVELOPMENT
TITLE	NEERDIE ROAD, GUNALDA INTERSECTION PLAN

DRAWING STATUS	FOR APPROVAL
PROJECT No.	15-200
SCALE	AS SHOWN
SIZE	A1
DRAWING No.	15-200-TR019
REV.	0



**INTERSECTION 20 - NEERDIE ROAD, GUNALDA INTERSECTION PLAN - 84m BLADE TRUCK AND TRAILER**

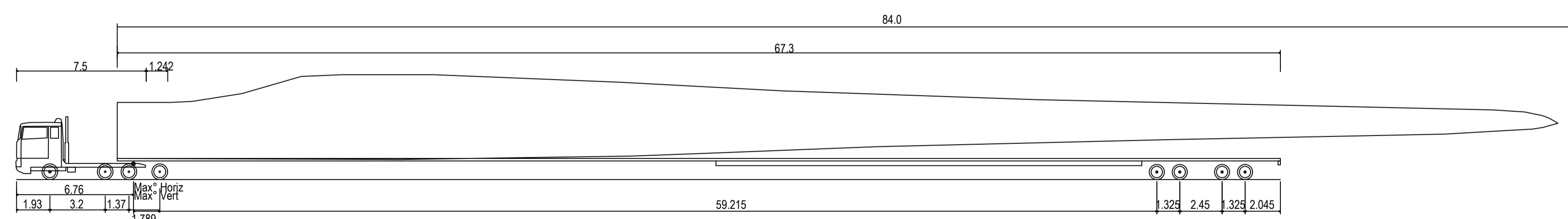
SCALE 1:500

**LEGEND**

- E—E— EXISTING OVERHEAD POWER LINE
- ⊗ GUIDE POST
- LP EXISTING LIGHT POLE
- SI EXISTING SIGN
- ⊗PP EXISTING POWER POLE
- EXTENT OF AREA TO BE CLEARED (EXTENT OF BLADE)
- TRUCK OVER DIMENSIONAL WHEEL PATH
- ▨ OVER DIMENSIONAL TURNING AREA
- ▨ PROPOSED GRAVEL WIDENING

**NOTES**

1. ALL GUIDEPOSTS WITHIN OVER-DIMENSIONAL WHEEL PATH TO BE REMOVED PRIOR TO TRANSPORTATION OF WIND TURBINE BLADES
2. CLEARING OF VEGETATION SHALL ONLY BE PERFORMED AFTER RELEVANT AUTHORITY APPROVALS ARE OBTAINED, IF REQUIRED FOR ROAD UPGRADE
3. SURVEY OF HEIGHT CLEARANCES ALONG TRANSPORTATION ROUTE SHALL BE COMPLETED BY THE APPOINTED TRANSPORTATION CONTRACTOR
4. POTENTIAL CLASHES OF BLADE TRANSPORT VEHICLE WITH GUARDRAILS, TRAFFIC SIGNALS AND STREET LIGHTING TO BE CONFIRMED BY THE APPOINTED TRANSPORTATION CONTRACTOR



80m Blade Truck and Trailer	73.120m
Overall Length	2.591m
Overall Width	3.628m
Overall Body Height	0.348m
Min Body Ground Clearance	2.591m
Max Track Width	2.00s
Lock-to-lock time	60.00°
Max Wheel Angle	

**84m BLADE TRUCK AND TRAILER**

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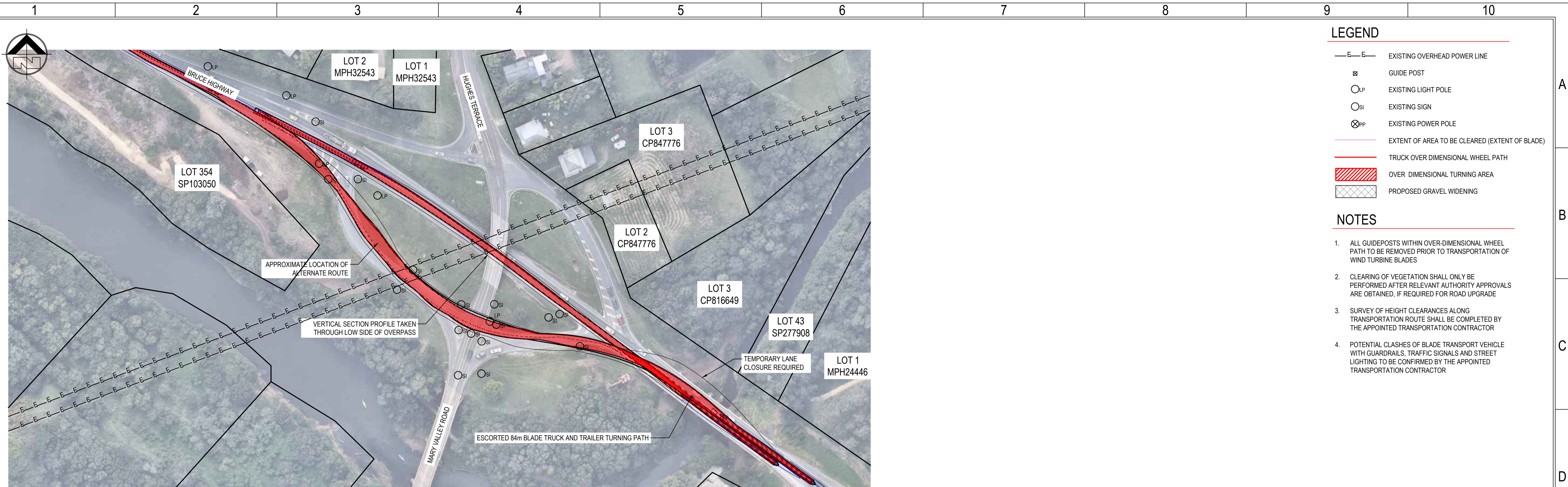
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PROJECT	FOREST WIND DEVELOPMENT	DRAWING STATUS	FOR APPROVAL
TITLE	NEERDIE ROAD, GUNALDA INTERSECTION PLAN	PROJECT No.	15-200
		SCALE	AS SHOWN
		SIZE	A1
		DRAWING No.	15-200-TR020
		REV.	0

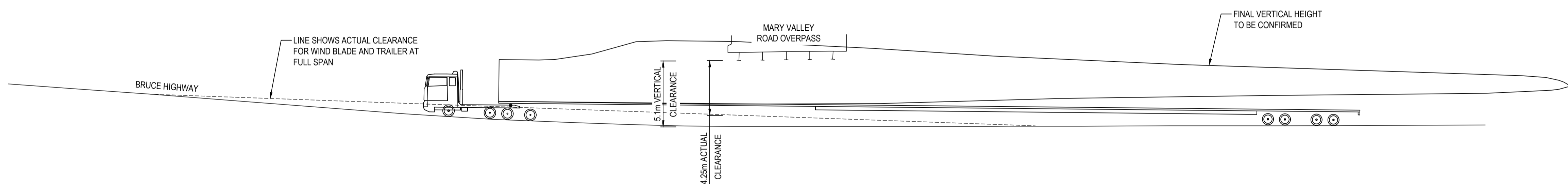


- LEGEND**
- E—E— EXISTING OVERHEAD POWER LINE
  - ⊗ GP GUIDE POST
  - LP EXISTING LIGHT POLE
  - SI EXISTING SIGN
  - ⊗ PP EXISTING POWER POLE
  - EXTENT OF AREA TO BE CLEARED (EXTENT OF BLADE)
  - TRUCK OVER DIMENSIONAL WHEEL PATH
  - ▨ OVER DIMENSIONAL TURNING AREA
  - ▩ PROPOSED GRAVEL WIDENING

- NOTES**
1. ALL GUIDEPOSTS WITHIN OVER-DIMENSIONAL WHEEL PATH TO BE REMOVED PRIOR TO TRANSPORTATION OF WIND TURBINE BLADES
  2. CLEARING OF VEGETATION SHALL ONLY BE PERFORMED AFTER RELEVANT AUTHORITY APPROVALS ARE OBTAINED, IF REQUIRED FOR ROAD UPGRADE
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  4. POTENTIAL CLASHES OF BLADE TRANSPORT VEHICLE WITH GUARDRAILS, TRAFFIC SIGNALS AND STREET LIGHTING TO BE CONFIRMED BY THE APPOINTED TRANSPORTATION CONTRACTOR

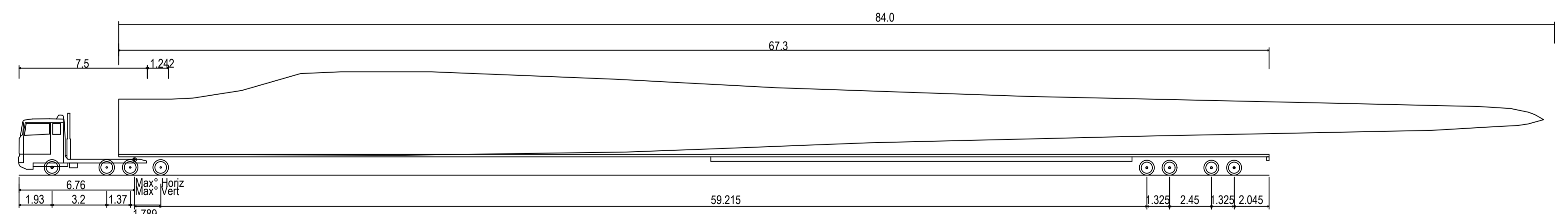
**INTERSECTION 21 - MARY VALLEY ROAD, GYMPIE INTERSECTION PLAN - 84m BLADE TRUCK AND TRAILER**

SCALE 1:1000



**VERTICAL SECTION PROFILE - 84m BLADE TRUCK AND TRAILER**

SCALE 1:200



80m Blade Truck and Trailer	73.120m
Overall Length	2.591m
Overall Width	3.628m
Overall Body Height	0.348m
Min Body Ground Clearance	2.591m
Max Track Width	2.00s
Lock-to-lock time	60.00°
Max Wheel Angle	

**84m BLADE TRUCK AND TRAILER**

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PROJECT	FOREST WIND DEVELOPMENT	DRAWING STATUS	FOR APPROVAL
TITLE	MARY VALLEY ROAD OVERPASS INTERSECTION PLAN	PROJECT No.	15-200
		SCALE	AS SHOWN
		SIZE	A1
		DRAWING No.	15-200-TR021
		REV.	0

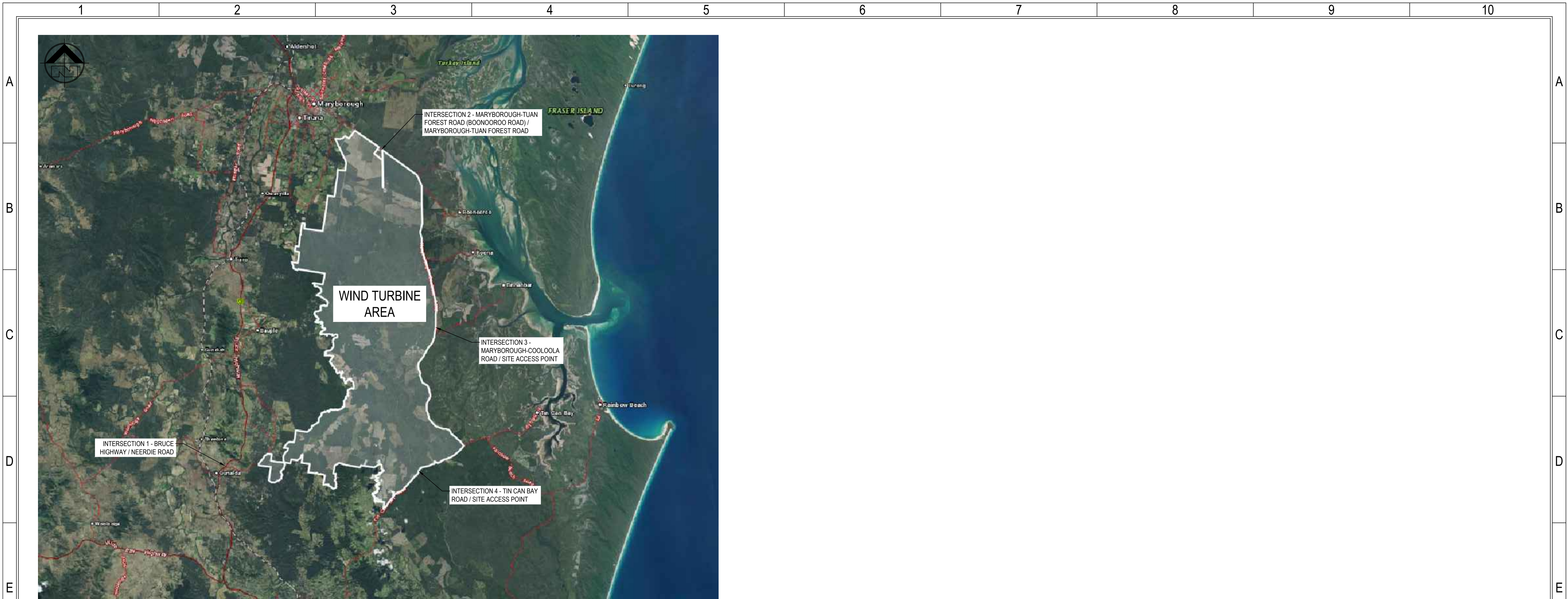


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## Appendix E – Concept Intersection Upgrade Plans

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*Attached overleaf.*



**CONCEPT EXTERNAL INTERSECTION LOCALITY PLAN**

SCALE N.T.S.

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PROJECT <b>FOREST WIND DEVELOPMENT</b>		DRAWING STATUS <b>FOR APPROVAL</b>	
TITLE <b>CONCEPT EXTERNAL INTERSECTION LOCALITY PLAN</b>	PROJECT No. <b>15-200</b>	SCALE <b>AS SHOWN</b>	SIZE <b>A1</b>
DRAWING No. <b>15-200-TR101</b>	REV. <b>0</b>		



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**INTERSECTION 1 CONCEPT UPGRADE PLAN**

SCALE 1:1000

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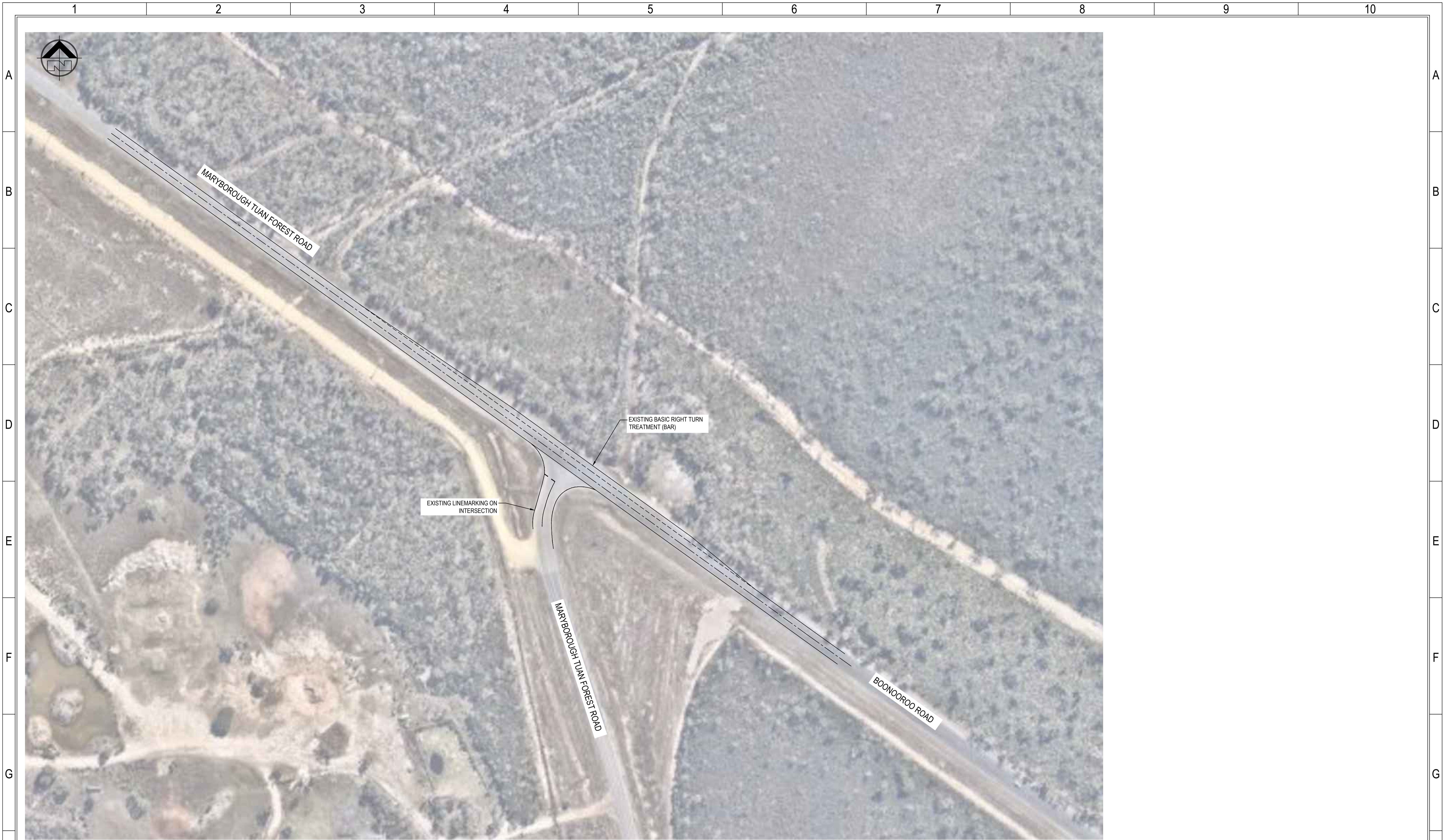


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TITLE	INTERSECTION 1 CONCEPT UPGRADE PLAN			PROJECT No.	SCALE	SIZE	
DRAWING No.	15-200	AS SHOWN	A1	REV.	0		
	15-200-TR102						



**INTERSECTION 2 CONCEPT UPGRADE PLAN**

SCALE 1:1000

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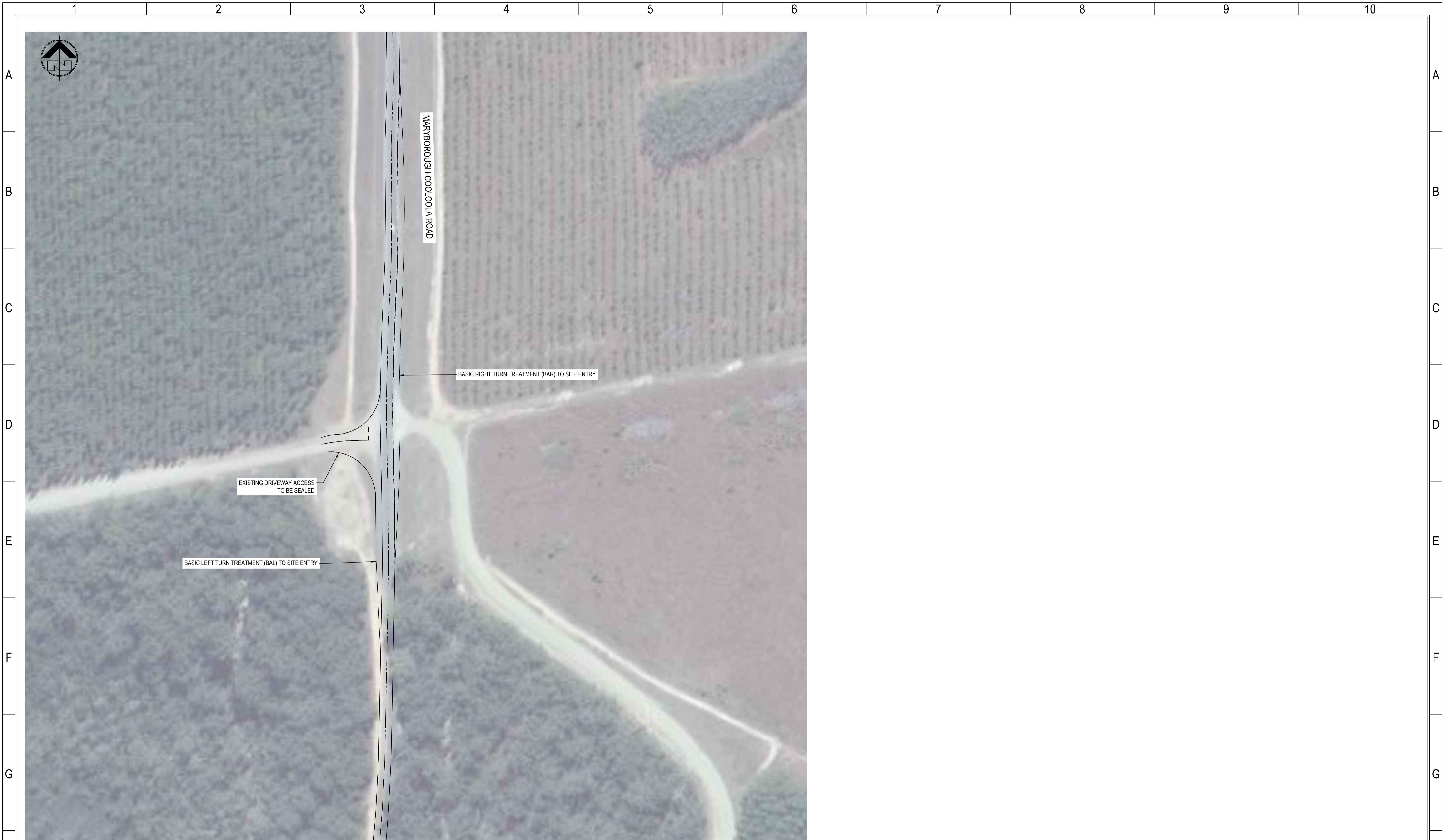
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TITLE	INTERSECTION 2 CONCEPT UPGRADE PLAN			PROJECT No.	SCALE	SIZE	
				15-200	AS SHOWN	A1	
DRAWING No.	15-200-TR103			REV.	0		



**INTERSECTION 3 CONCEPT UPGRADE PLAN**

SCALE 1:1000

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TITLE	INTERSECTION 3 CONCEPT UPGRADE PLAN			PROJECT No.	SCALE	SIZE	
				15-200	AS SHOWN	A1	
				DRAWING No.			REV.
				15-200-TR104			0

1 2 3 4 5 6 7 8 9 10

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H



**INTERSECTION 4 CONCEPT UPGRADE PLAN**

SCALE 1:500

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TITLE <b>INTERSECTION 4 CONCEPT UPGRADE PLAN</b>	PROJECT No. <b>15-200</b>	SCALE <b>AS SHOWN</b>	SIZE <b>A1</b>
DRAWING No. <b>15-200-TR105</b>	REV. <b>0</b>		



**INTERSECTION 1 SISD PLAN**

SCALE 1:1000



**SIGHT DISTANCE SOUTH-EAST**



**SIGHT DISTANCE NORTH-WEST**

**INTERSECTION SIGHT DISTANCES**

AUSTROADS - GUIDE TO ROAD DESIGN PARTS 3 & 4a

**SISD - SAFE INTERSECTION SIGHT DISTANCE**

- 1.1m DRIVERS EYE HEIGHT (CAR - OPERATIONAL)
- 2.4m DRIVERS EYE HEIGHT (TRUCK - CONSTRUCTION)
- 1.25m OBJECT HEIGHT
- 3.0s OBSERVATION TIME
- 2.5s REACTION TIME
- d=0.36 DECELERATION VALUE (CAR - OPERATIONAL)
- d=0.29 DECELERATION VALUE (TRUCK - CONSTRUCTION)
- V=110km/h OPERATING (85th PERCENTILE) SPEED

**CALCULATED SIGHT DISTANCES \***  
(INCLUDING CORRECTION FOR GRADES)

ROAD	SISD (m)
BRUCE HIGHWAY LEFT (CONSTRUCTION)	338
BRUCE HIGHWAY RIGHT (CONSTRUCTION)	327
BRUCE HIGHWAY LEFT (OPERATIONAL)	304
BRUCE HIGHWAY RIGHT (OPERATIONAL)	297

\* DRAWING SHOWS CONSTRUCTION RESULTS, AS IT IS THE WORST CASE

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TITLE <b>INTERSECTION 1 SISD DETAILS PLAN</b>	PROJECT No. 15-200 SCALE AS SHOWN DRAWING No. 15-200-TR110

SIZE <b>A1</b>	REV. <b>0</b>
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**INTERSECTION 2 SISD PLAN**

SCALE 1:500

**INTERSECTION SIGHT DISTANCES**

AUSTROADS - GUIDE TO ROAD DESIGN PARTS 3 & 4a

**SISD - SAFE INTERSECTION SIGHT DISTANCE**

- 1.1m DRIVERS EYE HEIGHT (CAR - OPERATIONAL)
- 2.4m DRIVERS EYE HEIGHT (TRUCK - CONSTRUCTION)
- 1.25m OBJECT HEIGHT
- 3.0s OBSERVATION TIME
- 2.5s REACTION TIME
- d=0.36 DECELERATION VALUE (CAR - OPERATIONAL)
- d=0.29 DECELERATION VALUE (TRUCK - CONSTRUCTION)
- V=110km/h OPERATING (85th PERCENTILE) SPEED

CALCULATED SIGHT DISTANCES * (INCLUDING CORRECTION FOR GRADES)	
ROAD	SISD (m)
MARYBOROUGH-TUAN FOREST ROAD LEFT (CONSTRUCTION)	338
MARYBOROUGH-TUAN FOREST ROAD RIGHT (CONSTRUCTION)	327
MARYBOROUGH-TUAN FOREST ROAD LEFT (OPERATIONAL)	304
MARYBOROUGH-TUAN FOREST ROAD RIGHT (OPERATIONAL)	297

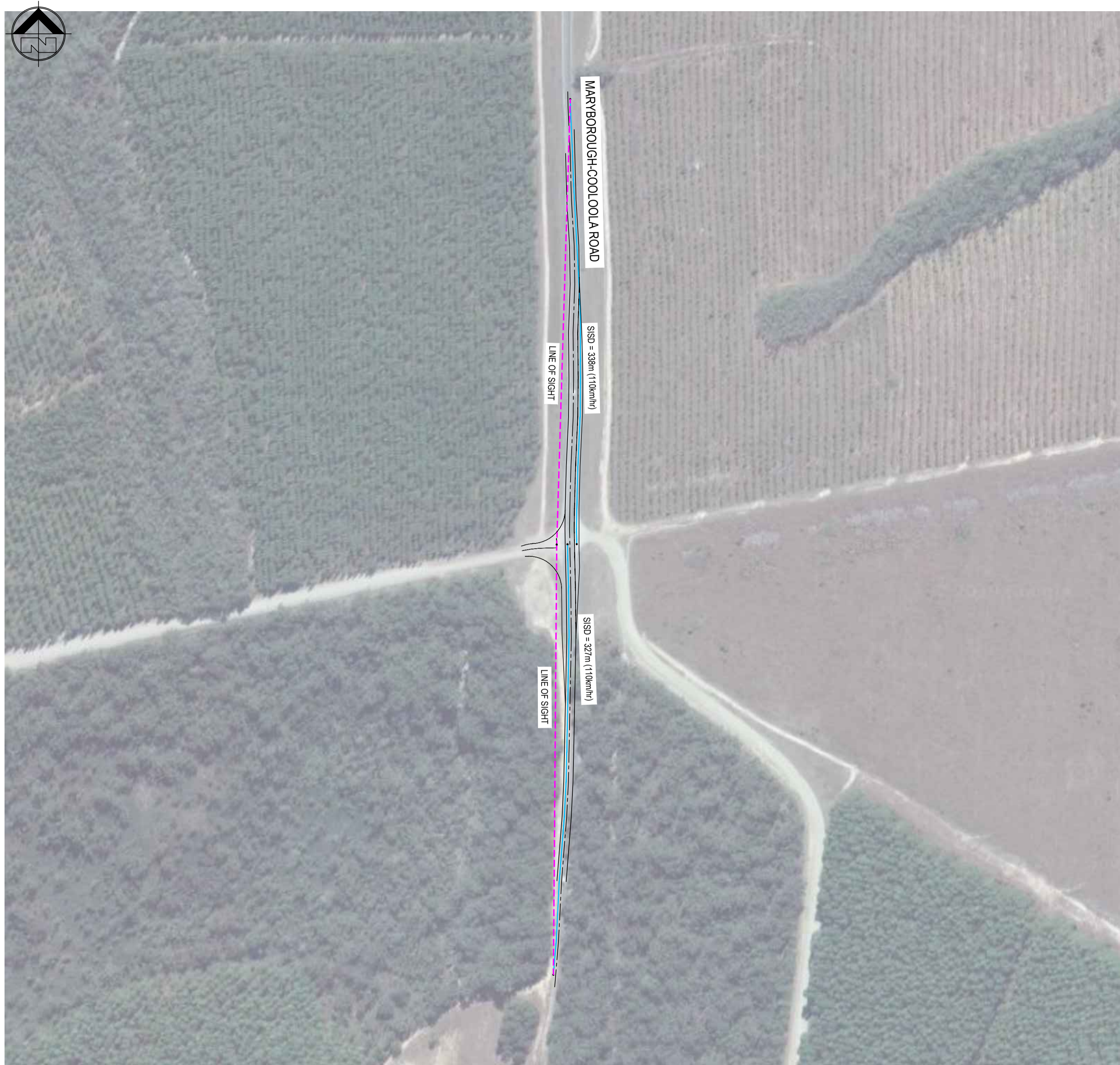
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TITLE INTERSECTION 2 SISD DETAILS PLAN	PROJECT No. 15-200	SCALE AS SHOWN	SIZE A1
DRAWING No. 15-200-TR111	REV. 0		



SIGHT DISTANCE NORTH



SIGHT DISTANCE SOUTH

**INTERSECTION 3 SISD PLAN**

SCALE 1:500

**INTERSECTION SIGHT DISTANCES**

AUSTROADS - GUIDE TO ROAD DESIGN PARTS 3 & 4a

**SISD - SAFE INTERSECTION SIGHT DISTANCE**

- 1.1m DRIVERS EYE HEIGHT (CAR - OPERATIONAL)
- 2.4m DRIVERS EYE HEIGHT (TRUCK - CONSTRUCTION)
- 1.25m OBJECT HEIGHT
- 3.0s OBSERVATION TIME
- 2.5s REACTION TIME
- d=0.36 DECELERATION VALUE (CAR - OPERATIONAL)
- d=0.29 DECELERATION VALUE (TRUCK - CONSTRUCTION)
- V=110km/h OPERATING (85th PERCENTILE) SPEED

CALCULATED SIGHT DISTANCES * (INCLUDING CORRECTION FOR GRADES)	
ROAD	SISD (m)
MARYBOROUGH-COOLoola ROAD LEFT (CONSTRUCTION)	338
MARYBOROUGH-COOLoola ROAD RIGHT (CONSTRUCTION)	327
MARYBOROUGH-COOLoola ROAD LEFT (OPERATIONAL)	304
MARYBOROUGH-COOLoola ROAD RIGHT (OPERATIONAL)	297

\* DRAWING SHOWS CONSTRUCTION RESULTS, AS IT IS THE WORST CASE

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		APP	DATE
			20.09.2019

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PROJECT <b>FOREST WIND DEVELOPMENT</b>	DRAWING STATUS <b>FOR APPROVAL</b>
TITLE <b>INTERSECTION 3 SISD DETAILS PLAN</b>	PROJECT No. 15-200 SCALE AS SHOWN DRAWING No. 15-200-TR112
	SIZE A1 REV. 0



**INTERSECTION 4 SISD PLAN**

SCALE 1:500



**SIGHT DISTANCE NORTH**



**SIGHT DISTANCE SOUTH**

**INTERSECTION SIGHT DISTANCES**

AUSTROADS - GUIDE TO ROAD DESIGN PARTS 3 & 4a

**SISD - SAFE INTERSECTION SIGHT DISTANCE**

- 1.1m DRIVERS EYE HEIGHT (CAR - OPERATIONAL)
- 2.4m DRIVERS EYE HEIGHT (TRUCK - CONSTRUCTION)
- 1.25m OBJECT HEIGHT
- 3.0s OBSERVATION TIME
- 2.5s REACTION TIME
- d=0.36 DECELERATION VALUE (CAR - OPERATIONAL)
- d=0.29 DECELERATION VALUE (TRUCK - CONSTRUCTION)
- V=110km/h OPERATING (85th PERCENTILE) SPEED

**CALCULATED SIGHT DISTANCES \***  
(INCLUDING CORRECTION FOR GRADES)

ROAD	SISD (m)
TIN CAN BAY LEFT (CONSTRUCTION)	338
TIN CAN BAY RIGHT (CONSTRUCTION)	327
TIN CAN BAY LEFT (OPERATIONAL)	304
TIN CAN BAY RIGHT (OPERATIONAL)	297

\* DRAWING SHOWS CONSTRUCTION RESULTS, AS IT IS THE WORST CASE

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PROJECT  
**FOREST WIND DEVELOPMENT**

TITLE  
**INTERSECTION 4  
SISD DETAILS PLAN**

DRAWING STATUS <b>FOR APPROVAL</b>		
PROJECT No. <b>15-200</b>	SCALE <b>AS SHOWN</b>	SIZE <b>A1</b>
DRAWING No. <b>15-200-TR113</b>		REV. <b>0</b>