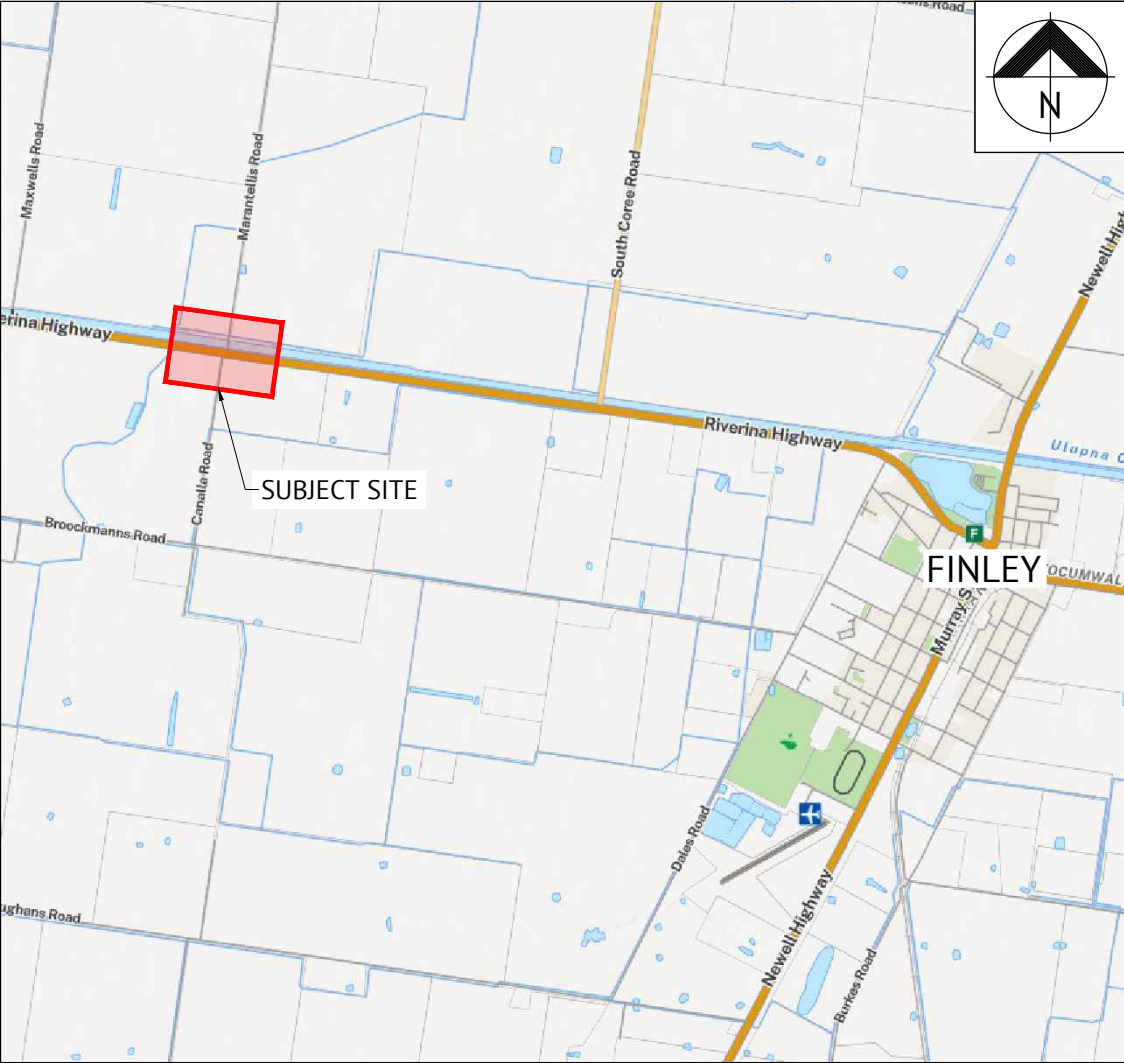


FINLEY BESS

RIVERINA HIGHWAY, FINLEY 2713

GRANSOLAR DEVELOPMENT AUSTRALIA PTY LTD

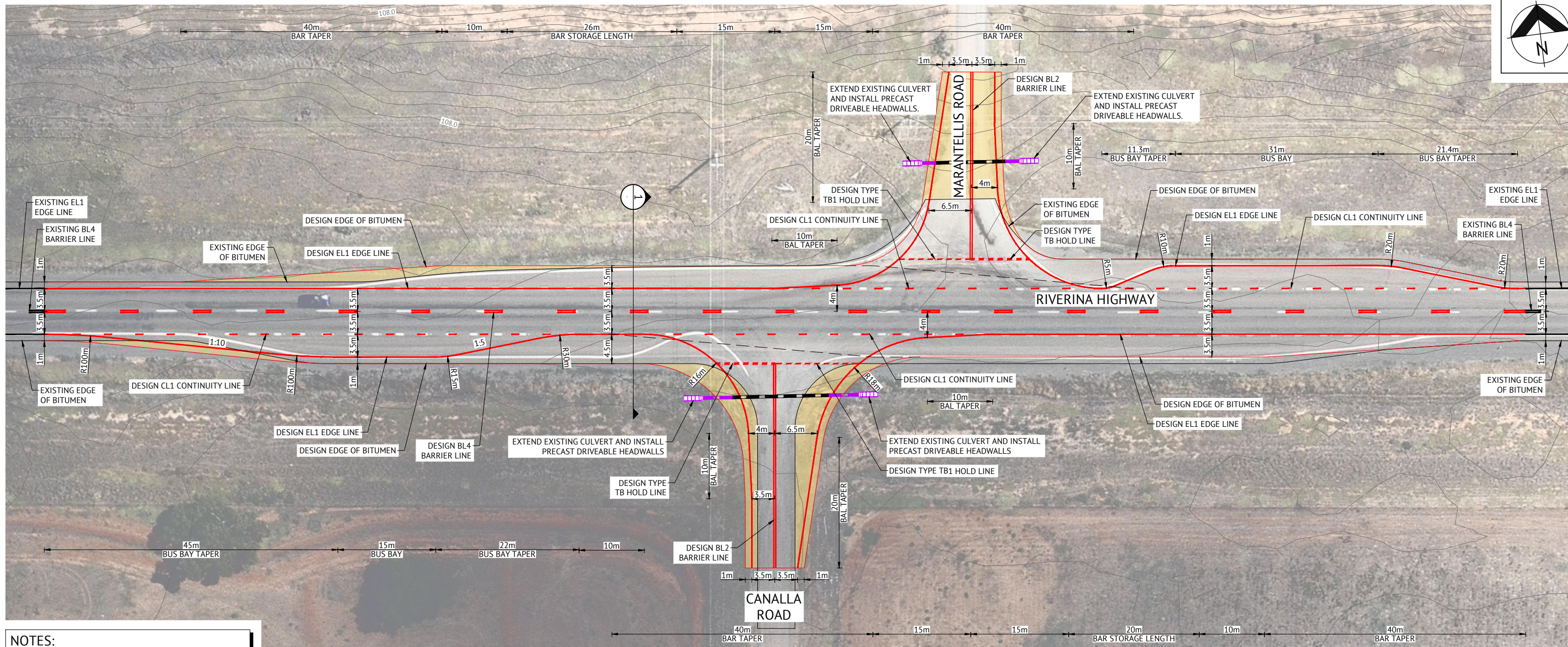
BAL / BAR INTERSECTION CONCEPT PLAN - RIVERINA HIGHWAY, CANALLA ROAD & MARANTELLIS ROAD



LOCALITY PLAN

NTS

DRAWING SCHEDULE	
DRAWING NO.	DRAWING TITLE
C001	TITLEBLOCK AND SCHEDULE OF DRAWINGS
C002	PROPOSED INTERSECTION LAYOUT PLAN
C003	VEHICLE TURNING PATHS, SHEET 1 OF 4
C004	VEHICLE TURNING PATHS, SHEET 2 OF 4
C005	VEHICLE TURNING PATHS, SHEET 3 OF 4
C006	VEHICLE TURNING PATHS, SHEET 4 OF 4
C007	SAFE INTERSECTION SIGHT DISTANCE (SISD) PLAN, SHEET 1 OF 2
C008	SAFE INTERSECTION SIGHT DISTANCE (SISD) PLAN, SHEET 2 OF 2



1. THIS PLAN IS CONCEPTUAL ONLY AND SHALL NOT BE USED FOR CONSTRUCTION. THE INTERSECTION LAYOUT SHOWN IS SUBJECT TO DETAILED SURVEY & ENGINEERING DESIGN AND THE APPROVAL OF ARMIDALE REGIONAL COUNCIL & TfNSW.
2. THE INTERSECTION LAYOUT SHOWN IS IN ACCORDANCE WITH AUSTRROADS GUIDE TO ROAD DESIGN PART 4 (2021) AND PART 4A (2021) AND THE RELEVANT SUPPLEMENTS.
3. DESIGN VEHICLE SPEED: 110km/h.

	CONTOUR (ELVIS 0.25m INTERVAL)
	PROPOSED NEW SEALED PAVEMENT
	DESIGN BL2 BARRIER LINE
	DESIGN DL4 DIVIDING LINE
	DESIGN EL1 EDGE LINE
	DESIGN CL1 CONTINUITY LINE
	DESIGN TYPE TB HOLD LINE
	DESIGN EDGE OF BITUMEN
	DESIGN STORMWATER PIPE WITH DRIVABLE HEADWALL
	EXISTING DL4 DIVIDING LINE
	EXISTING EL1 EDGE LINE
	EXISTING EDGE OF BITUMEN
	EXISTING STORMWATER PIPE

VARIES

PROPOSED TABLE DRAIN

VARIES

PROPOSED EDGE OF BITUMEN

3.5m

PROPOSED SEALED SHOULDER

PROPOSED EDGE LINE

3.5m

EXISTING TRAVEL LANE

DESIGN CENTRELINE

3.5m

EXISTING TRAVEL LANE

PROPOSED EDGE LINE

4.5m

PROPOSED SEALED SHOULDER

VARIES

PROPOSED EDGE OF BITUMEN

PROPOSED TABLE DRAIN

VARIES

1:4

1:6

EXISTING

EXISTING

EXISTING PAVEMENT

SUBGRADE

1:6

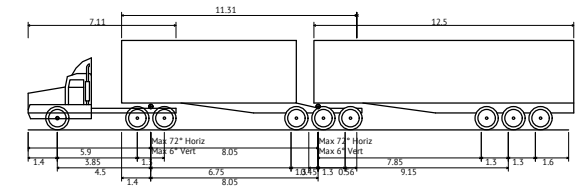
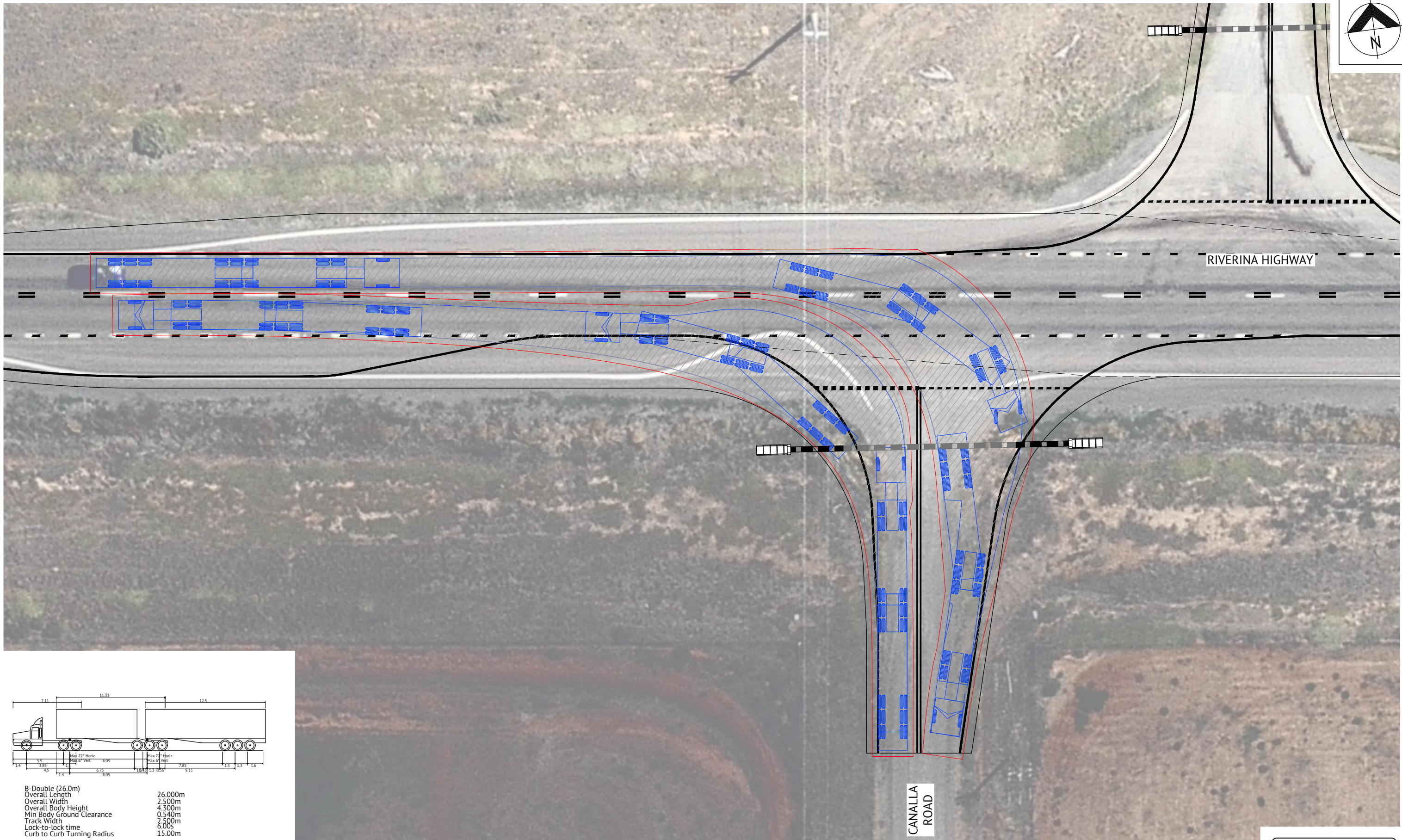
1:4

1 SECTION

SCALE 1:50



JOB CODE	
P001993_01	
SHEET NUMBER	REV
C002	B



B-Double (26.0m)
Overall Length 26.000m
Overall Width 2.500m
Overall Body Height 4.300m
Min Body Ground Clearance 0.540m
Track Width 2.500m
Lock-to-lock time 6.00s
Curb to Curb Turning Radius 15.00m

26.0m LONG B-DOUBLE
NOT TO SCALE

LEFT OUT OF AND RIGHT IN TO CANALLA ROAD
SCALE 1:150



ISSUED FOR REVIEW					
25/05/2026	B	MINOR AMENDMENTS	RB	PPO	
06/11/2025	A	ISSUED FOR REVIEW	RB	PPO	
DATE	REV	DESCRIPTION	REC	APP	
REVISIONS					



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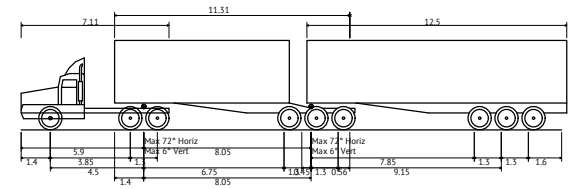
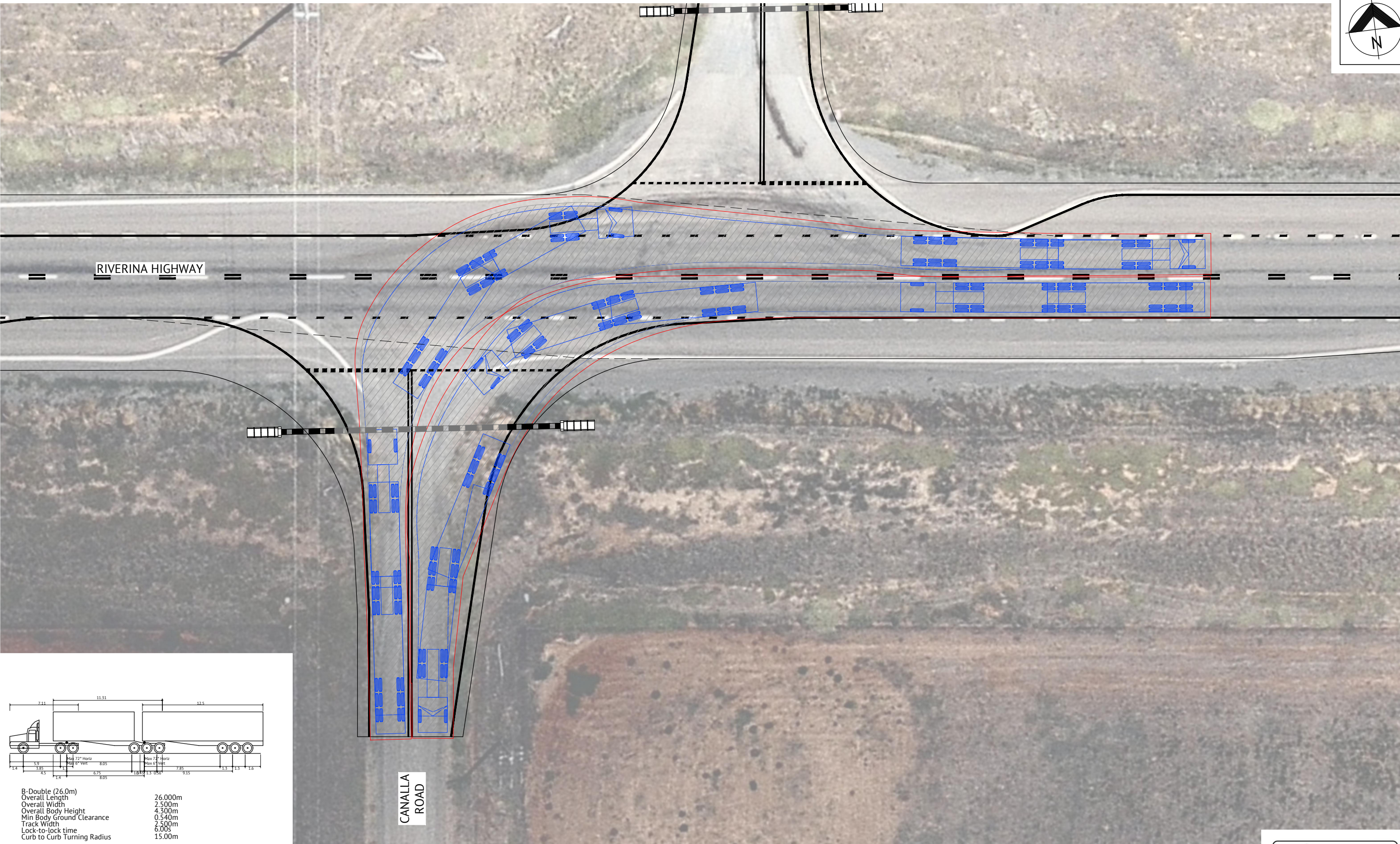
DESIGNED PPO
CHECKED PPO
PROJECT MANAGER PPO

SCALE
0 3 6 9m
SCALE 1:150 (A1)

ORIGINAL SHEET SIZE A1

CLIENT	GRANSOLAR DEVELOPMENT AUSTRALIA PTY LTD
PROJECT	FINLEY BESS
LOCATION	RIVERINA HIGHWAY, FINLEY 2713
SHEET TITLE	VEHICLE TURNING PATHS, SHEET 1 OF 4

JOB CODE	P001993_01
SHEET NUMBER	C003
REV	B



B-Double (26.0m)
Overall Length 26.00m
Overall Width 2.500m
Overall Body Height 4.300m
Min Body Ground Clearance 0.540m
Track Width 2.500m
Lock-to-lock time 6.00s
Curb to Curb Turning Radius 15.00m

26.0m LONG B-DOUBLE
NOT TO SCALE

LEFT IN TO AND RIGHT OUT OF CANALLA ROAD
SCALE 1:150



ISSUED FOR REVIEW					
25/05/2026	B	MINOR AMENDMENTS	RB	PPO	
06/11/2025	A	ISSUED FOR REVIEW	RB	PPO	
DATE	REV	DESCRIPTION	REC	APP	
REVISIONS					



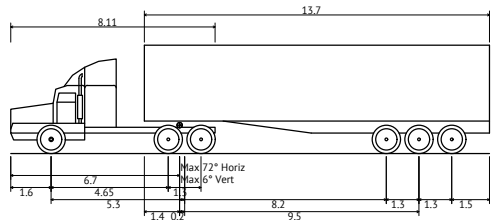
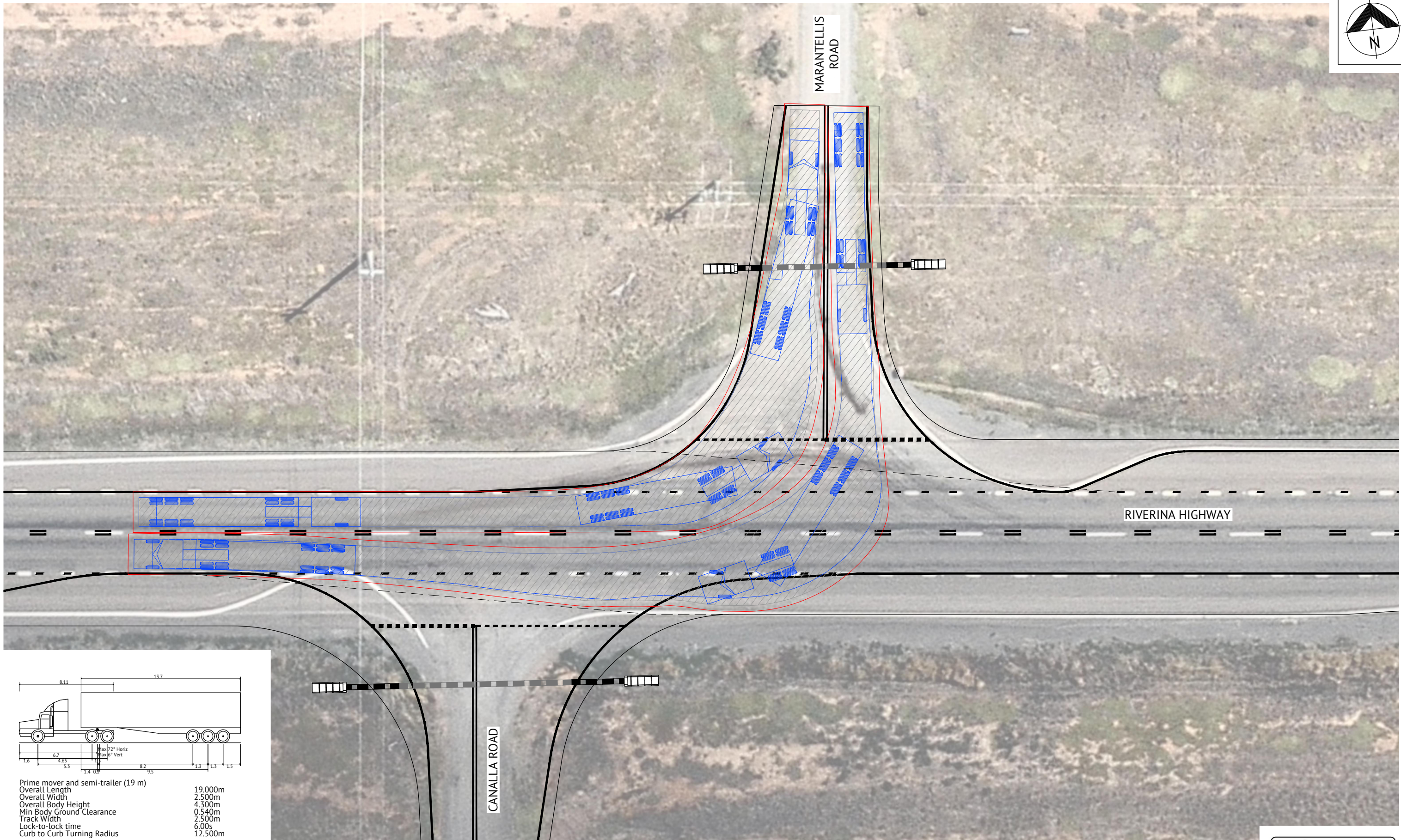
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CHECKED PPO
PROJECT MANAGER PPO

SCALE
0 3 6 9m
SCALE 1:150 (A1)
ORIGINAL SHEET SIZE A1

CLIENT	GRANSOLAR DEVELOPMENT AUSTRALIA PTY LTD
PROJECT	FINLEY BESS
LOCATION	RIVERINA HIGHWAY, FINLEY 2713
SHEET TITLE	VEHICLE TURNING PATHS, SHEET 2 OF 4

JOB CODE	P001993_01
SHEET NUMBER	C004
REV	B



Prime mover and semi-trailer (19 m)
Overall Length 19.000m
Overall Width 2.500m
Overall Body Height 4.300m
Min Body Ground Clearance 0.540m
Track Width 2.500m
Lock-to-lock time 6.00s
Curb to Curb Turning Radius 12.500m

19m LONG PRIME MOVER AND SEMI-TRAILER
NTS

LEFT IN TO AND RIGHT OUT OF MARANTELLIS ROAD
SCALE 1:150



ISSUED FOR REVIEW				
25/05/2026	B	MINOR AMENDMENTS	RB	PPO
06/11/2025	A	ISSUED FOR REVIEW	RB	PPO
DATE	REV	DESCRIPTION	REC	APP
REVISIONS				



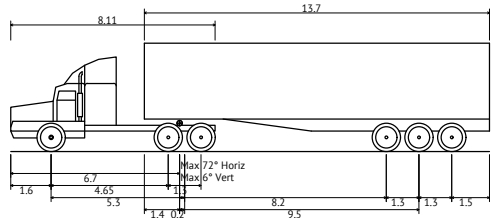
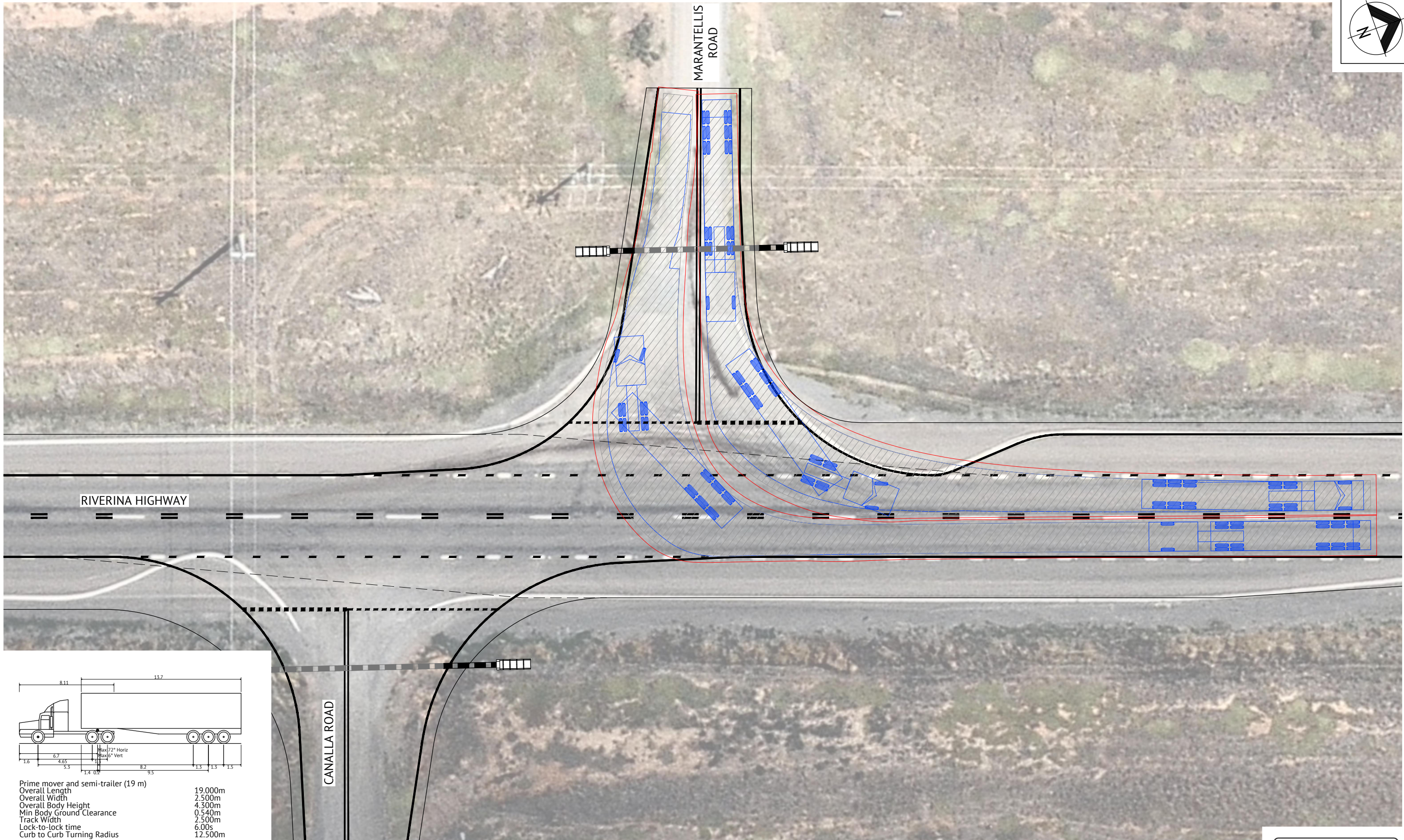
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CHECKED PPO
PROJECT MANAGER PPO

SCALE
0 3 6 9m
SCALE 1:150 (A1)
ORIGINAL SHEET SIZE A1

CLIENT	GRANSOLAR DEVELOPMENT AUSTRALIA PTY LTD
PROJECT	FINLEY BESS
LOCATION	RIVERINA HIGHWAY, FINLEY 2713
SHEET TITLE	VEHICLE TURNING PATHS, SHEET 3 OF 4

JOB CODE	P001993_01
SHEET NUMBER	C005
REV	B



Prime mover and semi-trailer (19 m)
Overall Length 19.000m
Overall Width 2.500m
Overall Body Height 4.300m
Min Body Ground Clearance 0.540m
Track Width 2.500m
Lock-to-lock time 6.00s
Curb to Curb Turning Radius 12.500m

19m LONG PRIME MOVER AND SEMI-TRAILER
NTS

LEFT OUT OF AND RIGHT IN TO MARANTELLIS ROAD
SCALE 1:150

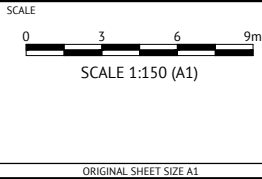


ISSUED FOR REVIEW				
25/05/2026	B	MINOR AMENDMENTS	RB	PPO
06/11/2025	A	ISSUED FOR REVIEW	RB	PPO
DATE	REV	DESCRIPTION	REC	APP
REVISIONS				



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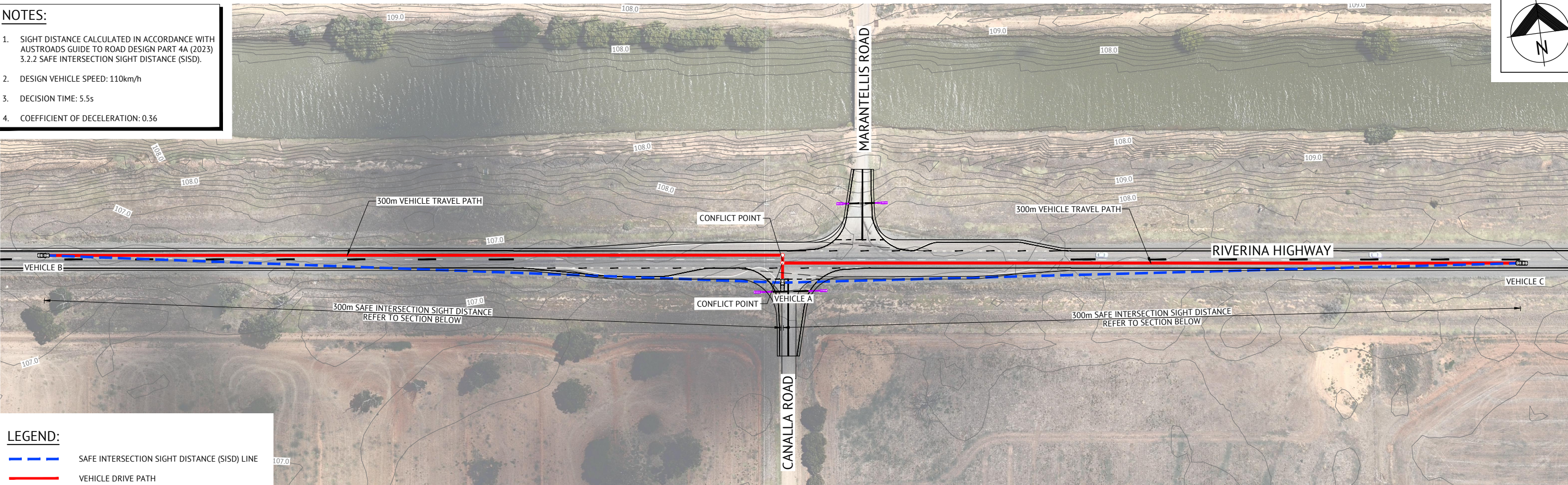
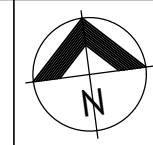


CLIENT	GRANSOLAR DEVELOPMENT AUSTRALIA PTY LTD
PROJECT	FINLEY BESS
LOCATION	RIVERINA HIGHWAY, FINLEY 2713
SHEET TITLE	VEHICLE TURNING PATHS, SHEET 4 OF 4

JOB CODE	P001993_01
SHEET NUMBER	C006
REV	B

NOTES:

1. SIGHT DISTANCE CALCULATED IN ACCORDANCE WITH AUSTRROADS GUIDE TO ROAD DESIGN PART 4A (2023) 3.2.2 SAFE INTERSECTION SIGHT DISTANCE (SISD).
2. DESIGN VEHICLE SPEED: 110km/h
3. DECISION TIME: 5.5s
4. COEFFICIENT OF DECELERATION: 0.36

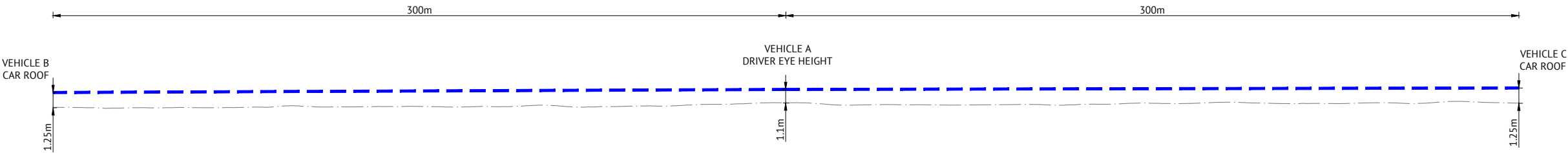


LEGEND:

- SAFE INTERSECTION SIGHT DISTANCE (SISD) LINE
- VEHICLE DRIVE PATH

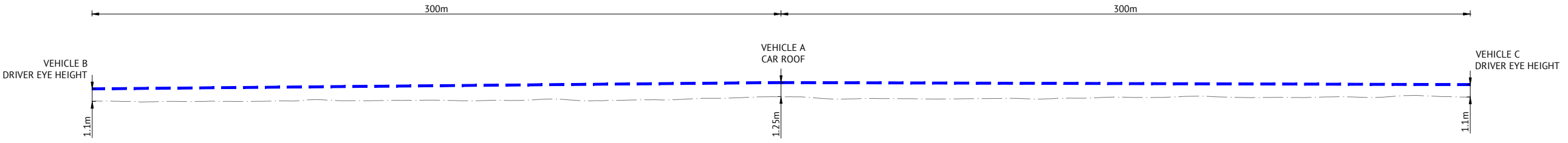
PLAN

SCALE 1:800



MINOR ROAD SAFE INTERSECTION SIGHT DISTANCE (SISD) LONGITUDINAL SECTION

SCALE H 1:800 V 1:160



MAJOR ROAD SAFE INTERSECTION SIGHT DISTANCE (SISD) LONGITUDINAL SECTION

SCALE H 1:800 V 1:160

LEGEND:

- SAFE INTERSECTION SIGHT DISTANCE (SISD) LINE
- EXISTING SURFACE



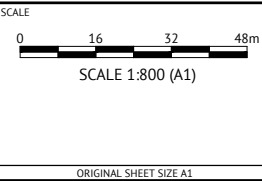
ISSUED FOR REVIEW

DATE	REV	DESCRIPTION	REC	APP
25/05/2026	B	MINOR AMENDMENTS	RB	PPO
06/11/2025	A	ISSUED FOR REVIEW	RB	PPO



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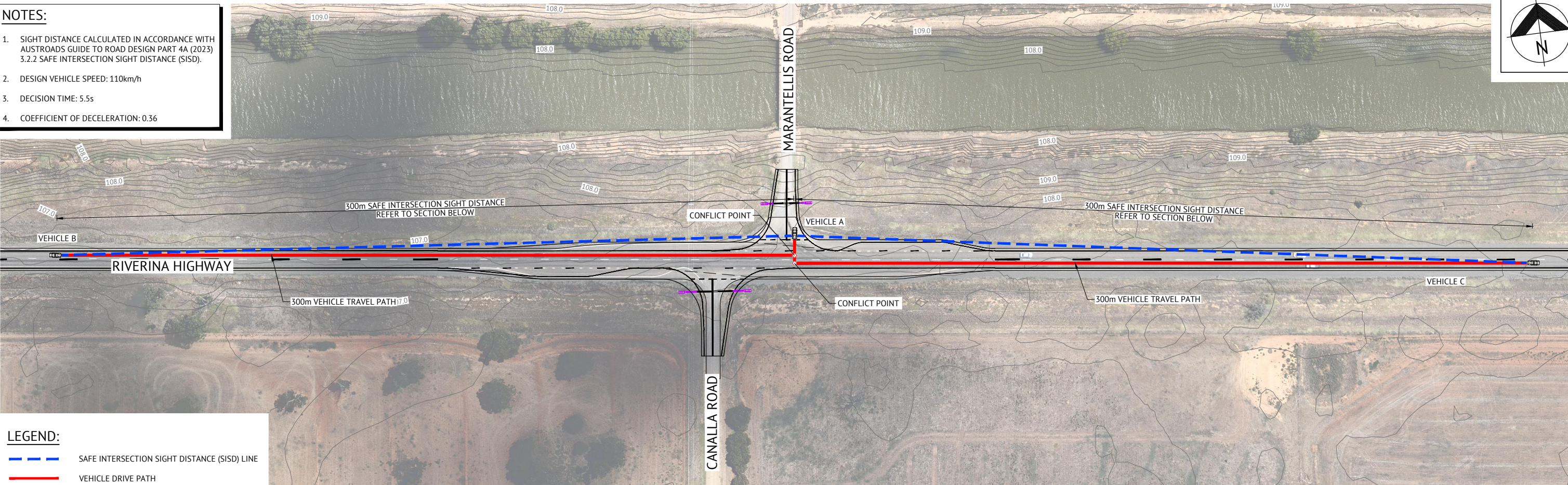
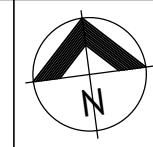


CLIENT	GRANSOLAR DEVELOPMENT AUSTRALIA PTY LTD
PROJECT	FINLEY BESS
LOCATION	RIVERINA HIGHWAY, FINLEY 2713
SHEET TITLE	SAFE INTERSECTION SIGHT DISTANCE (SISD) PLAN, SHEET 1 OF 2

JOB CODE	P001993_01
SHEET NUMBER	C007
REV	B

NOTES:

1. SIGHT DISTANCE CALCULATED IN ACCORDANCE WITH AUSTRROADS GUIDE TO ROAD DESIGN PART 4A (2023) 3.2.2 SAFE INTERSECTION SIGHT DISTANCE (SISD).
2. DESIGN VEHICLE SPEED: 110km/h
3. DECISION TIME: 5.5s
4. COEFFICIENT OF DECELERATION: 0.36

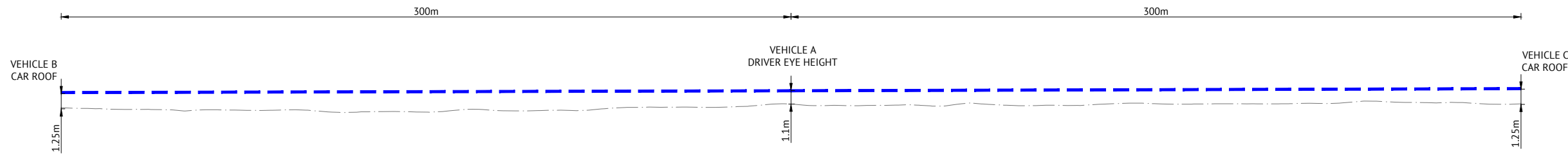


LEGEND:

- SAFE INTERSECTION SIGHT DISTANCE (SISD) LINE
- VEHICLE DRIVE PATH

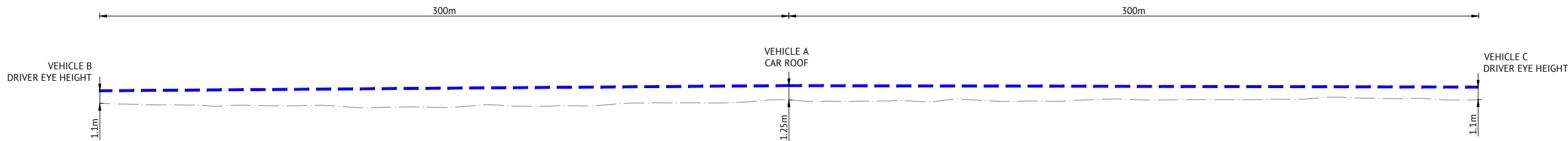
PLAN

SCALE 1:800



MINOR ROAD SAFE INTERSECTION SIGHT DISTANCE (SISD) LONGITUDINAL SECTION

SCALE H 1:800 V 1:160



MAJOR ROAD SAFE INTERSECTION SIGHT DISTANCE (SISD) LONGITUDINAL SECTION

SCALE H 1:800 V 1:160

LEGEND:

- SAFE INTERSECTION SIGHT DISTANCE (SISD) LINE
- EXISTING SURFACE



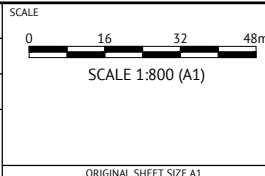
ISSUED FOR REVIEW

DATE	REV	DESCRIPTION	REC	APP
25/05/2026	B	MINOR AMENDMENTS	RB	PPO
06/11/2025	A	ISSUED FOR REVIEW	RB	PPO



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PPO
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PPO
PROJECT MANAGER
PPO



CLIENT
GRANSOLAR DEVELOPMENT AUSTRALIA PTY LTD
PROJECT
FINLEY BESS
LOCATION
RIVERINA HIGHWAY, FINLEY 2713
SHEET TITLE
SAFE INTERSECTION SIGHT DISTANCE (SISD) PLAN, SHEET 2 OF 2

JOB CODE
P001993_01
SHEET NUMBER
C008
REV
B