



Legend

- Project Area
- Development Footprint
- Major Road
- Existing Electricity Transmission Line
 - 132 kV
 - 330 kV
- Existing Easement

- BESS Area
- Substation
- Switch Room
- Switchyard
- Temporary Laydown Area
- Internal Road
- Cable Easement
- Water Tank
- Water Pump

- Access Road
- Security Fence
- Gate
- Buildings
 - O&M Room
 - Storage Sheds

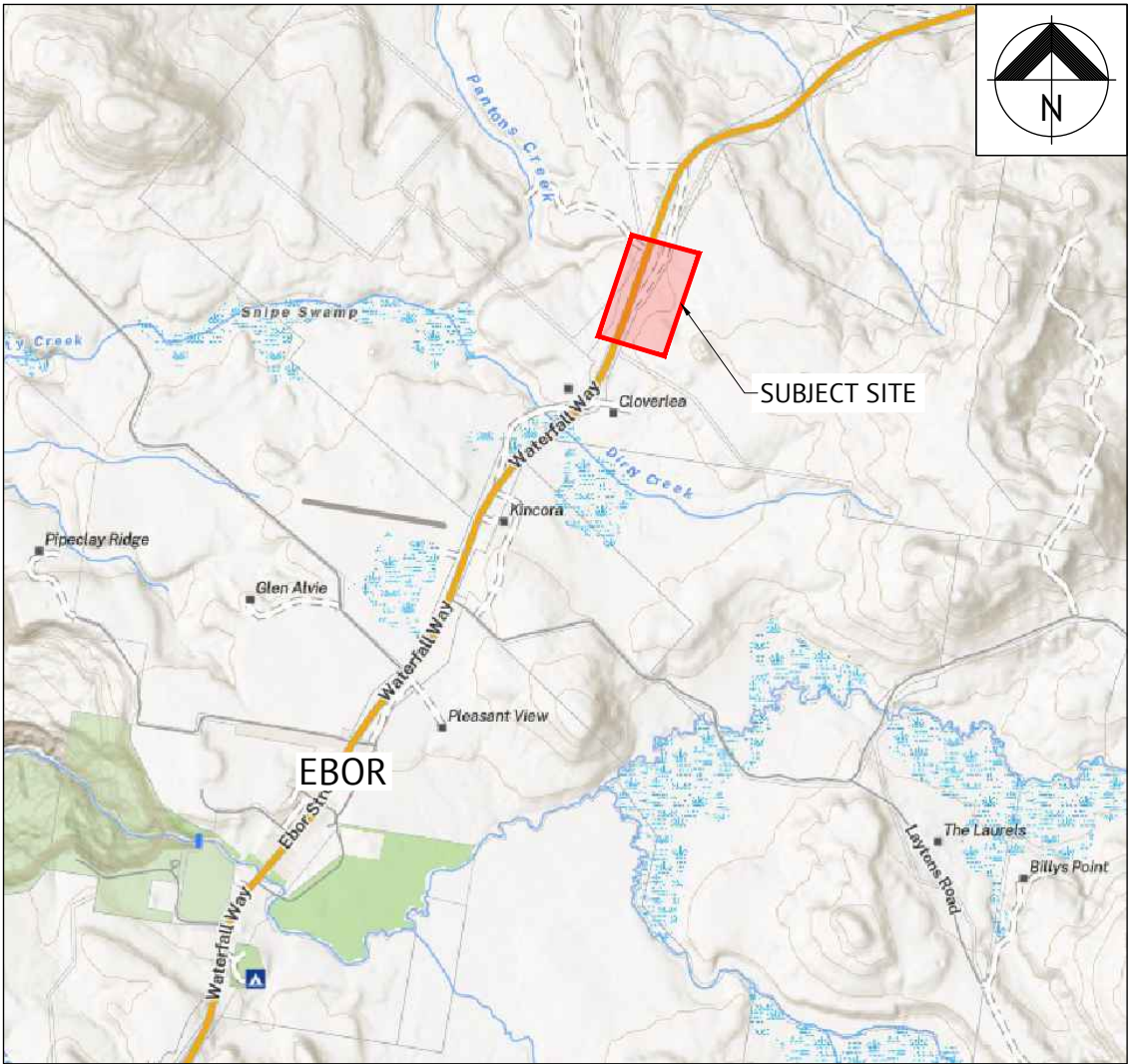
Figure 5
Development Layout

EBOR BESS

8511 WATERFALL WAY, EBOR 2453

BRIDGE ENERGY

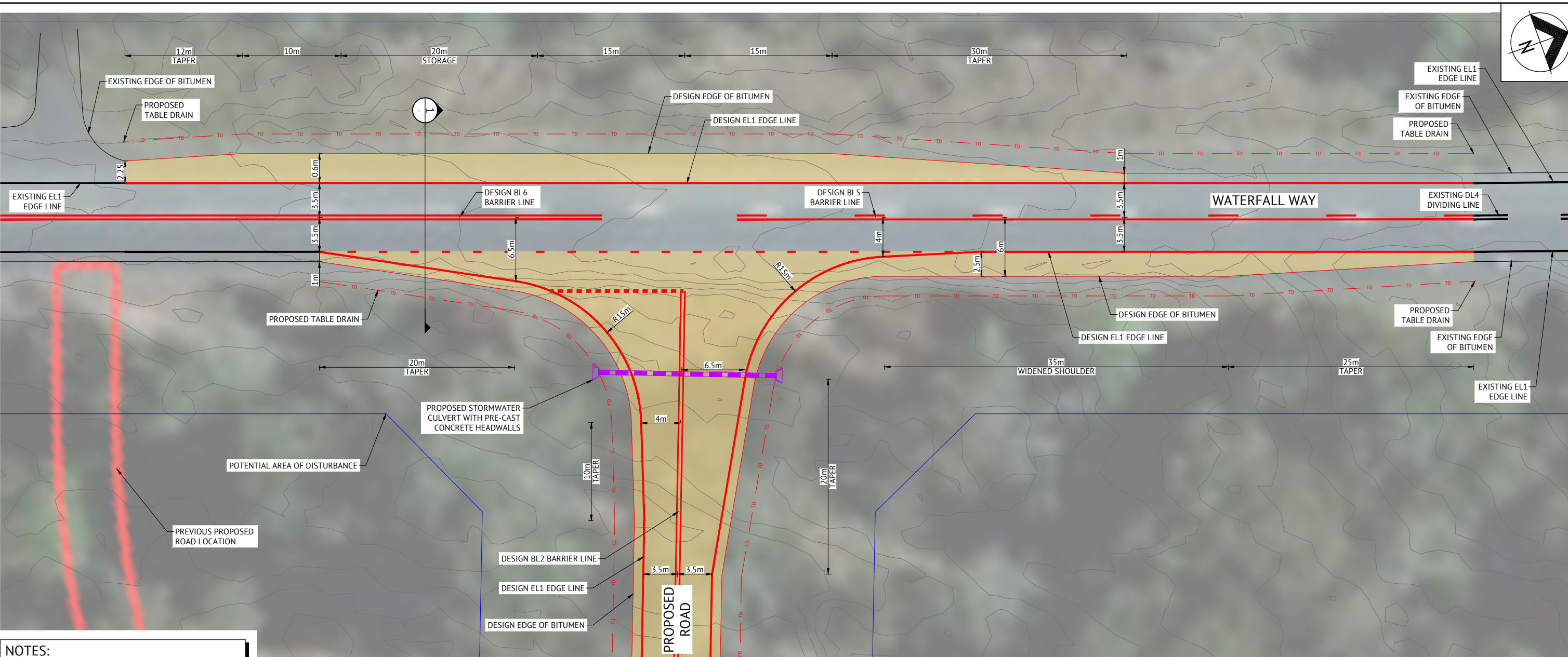
INTERSECTION CONCEPT PLAN - WATERFALL WAY AND PROPOSED ROAD



LOCALITY PLAN

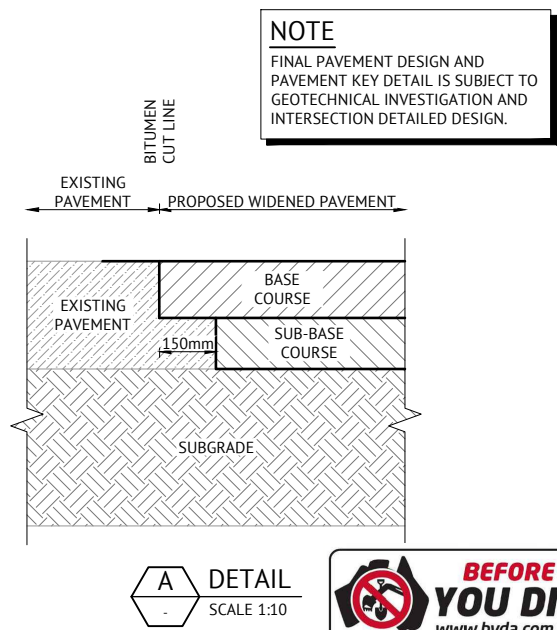
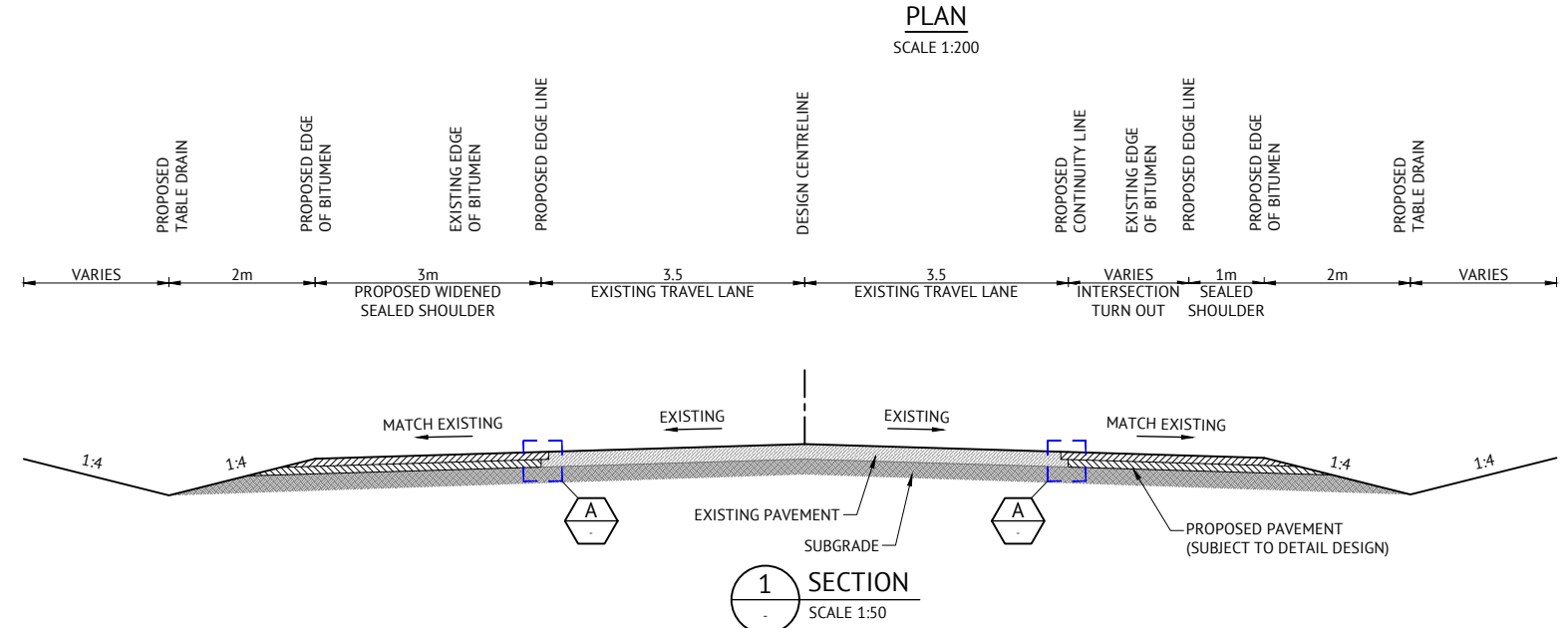
NTS

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



- NOTES:**
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 & TNSW.
 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.

- LEGEND:**
- CONTOUR (ELVIS 0.25m INTERVAL)
 - DESIGN BL2 BARRIER LINE
 - DESIGN BL5 BARRIER LINE
 - DESIGN BL6 BARRIER LINE
 - DESIGN EL1 EDGE LINE
 - DESIGN CL1 CONTINUITY LINE
 - DESIGN TYPE TB HOLD LINE
 - DESIGN EDGE OF BITUMEN
 - DESIGN STORMWATER CULVERT AND HEADWALL
 - DESIGN TABLE DRAIN
 - EXISTING DL4 DIVIDING LINE
 - EXISTING EL1 EDGE LINE
 - EXISTING EDGE OF BITUMEN
 - POTENTIAL AREA OF DISTURBANCE



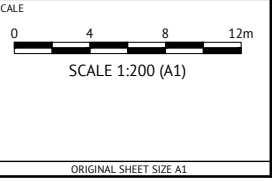
ISSUED FOR REVIEW				
17/10/2025	B	OVERSIZED VEHICLE TURN PATH ADDED	RB	PPO
08/10/2025	A	ISSUED FOR REVIEW	RB	PPO
DATE	REV	DESCRIPTION	REC	APP
REVISIONS				

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PROJECT MANAGER
PPO

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CLIENT
BRIDGE ENERGY

PROJECT
EBOR BESS

LOCATION
8511 WATERFALL WAY, EBOR 2453

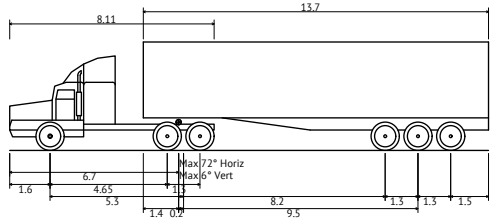
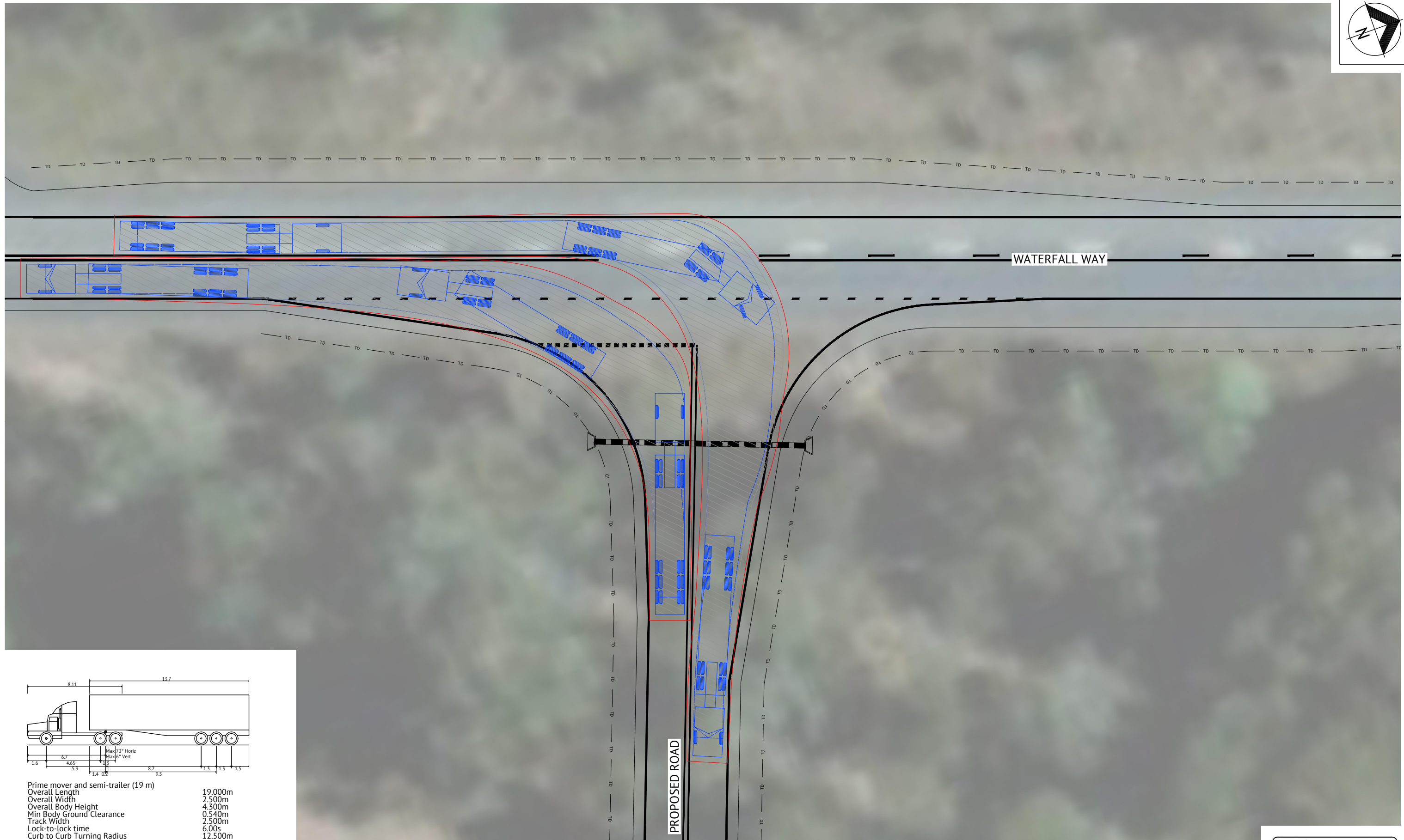
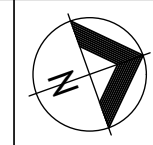
SHEET TITLE
PROPOSED INTERSECTION LAYOUT PLAN

JOB CODE
P003134_01

SHEET NUMBER
C002

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 AND RIGHT IN TO PROPOSED ROAD
SCALE 1:150



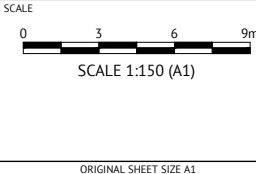
ISSUED FOR REVIEW

DATE	REV	DESCRIPTION	REC	APP
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08/10/2025	A	ISSUED FOR REVIEW	RB	PPO



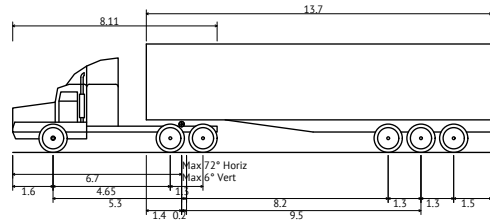
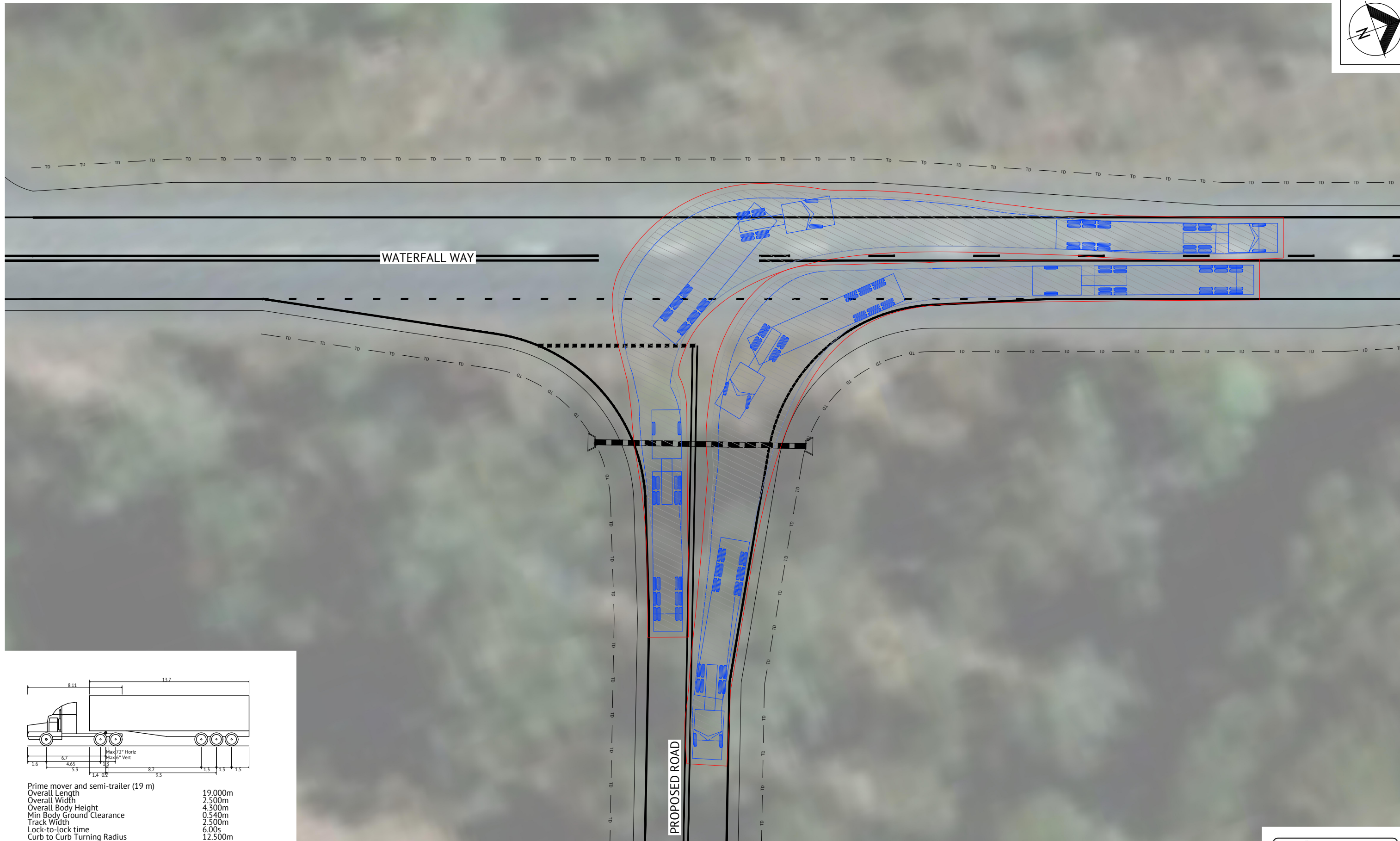
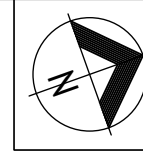
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PROJECT MANAGER PPO
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CLIENT	BRIDGE ENERGY
PROJECT	EBOR BESS
LOCATION	8511 WATERFALL WAY, EBOR 2453
SHEET TITLE	VEHICLE TURNING PATHS, SHEET 1 OF 2

JOB CODE	P003134_01
SHEET NUMBER	C003
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

RIGHT OUT AND LEFT IN TO PROPOSED ROAD
SCALE 1:150



ISSUED FOR REVIEW

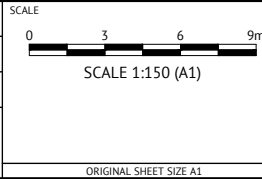
DATE	REV	DESCRIPTION	REC	APP
17/10/2025	B	OVERSIZED VEHICLE TURN PATH ADDED	RB	PPO
08/10/2025	A	ISSUED FOR REVIEW	RB	PPO



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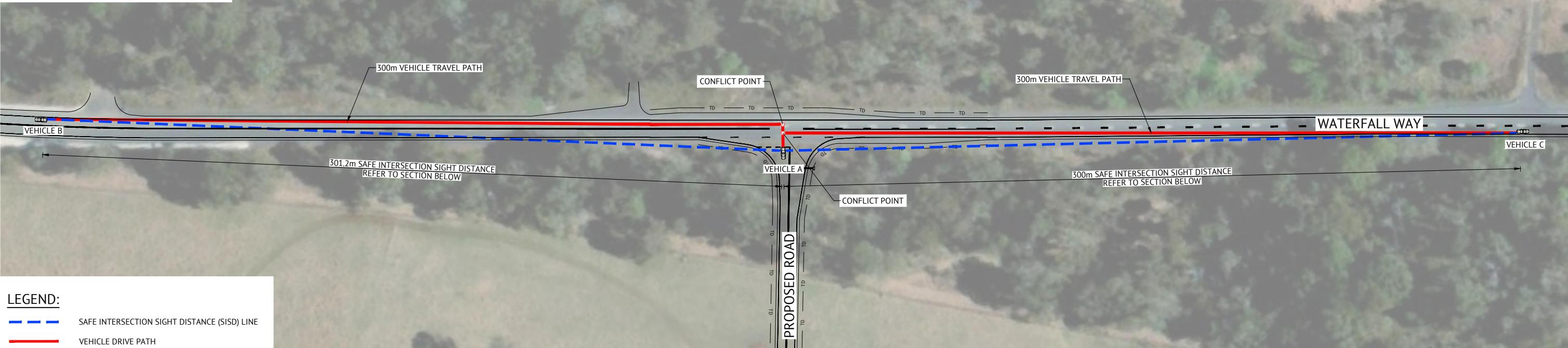
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CLIENT	BRIDGE ENERGY	JOB CODE	P003134_01
PROJECT	EBOR BESS	SHEET NUMBER	C004
LOCATION	8511 WATERFALL WAY, EBOR 2453	REV	B
SHEET TITLE	VEHICLE TURNING PATHS, SHEET 2 OF 2		

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

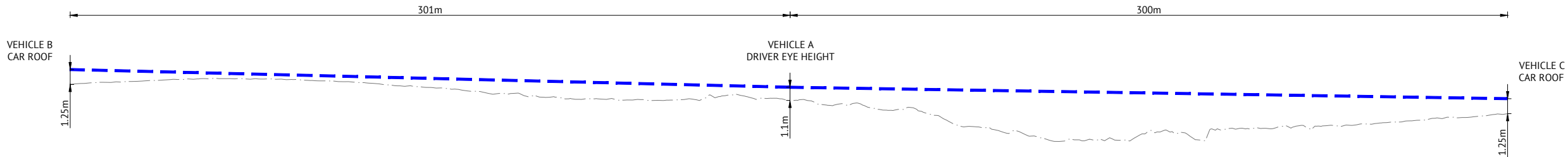


LEGEND:

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

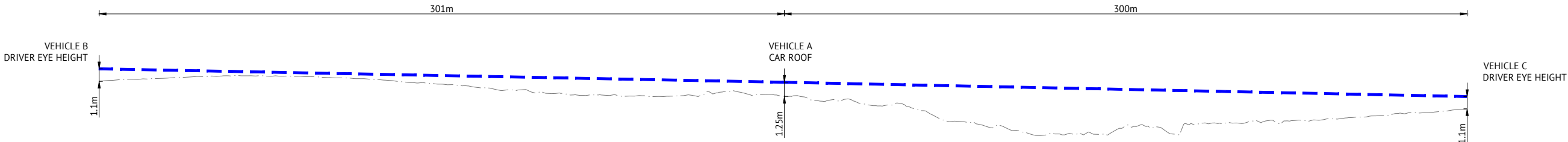
PLAN

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

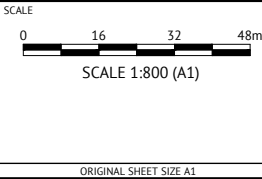
DATE	REV	DESCRIPTION	REC	APP
17/10/2025	B	OVERSIZED VEHICLE TURN PATH ADDED	RB	PPO
08/10/2025	A	ISSUED FOR REVIEW	RB	PPO



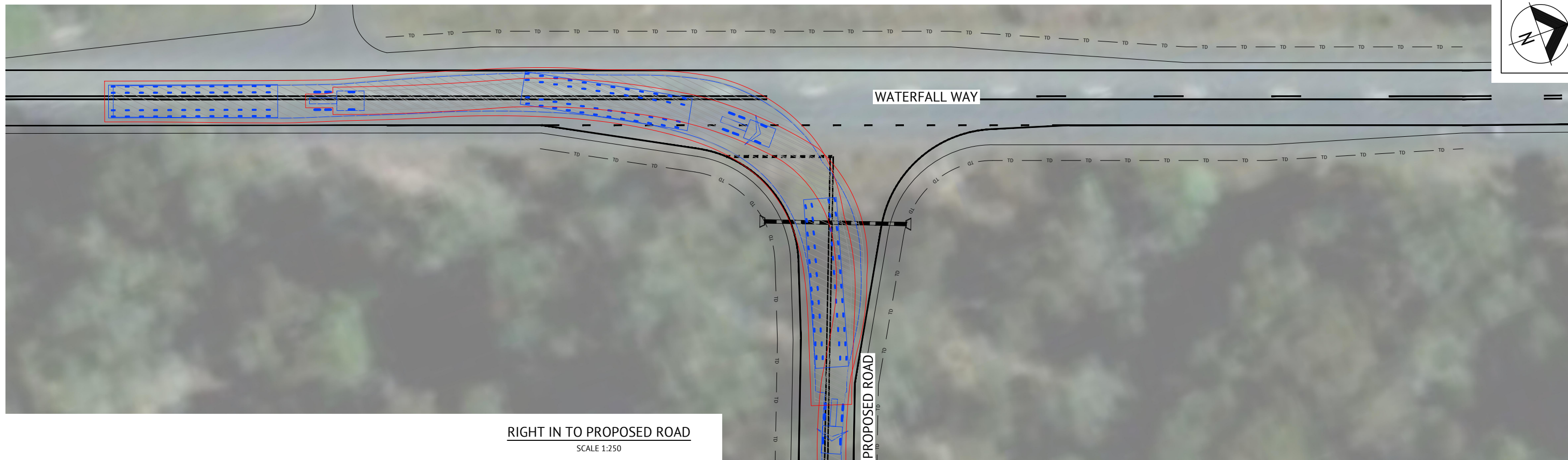
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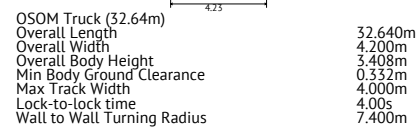
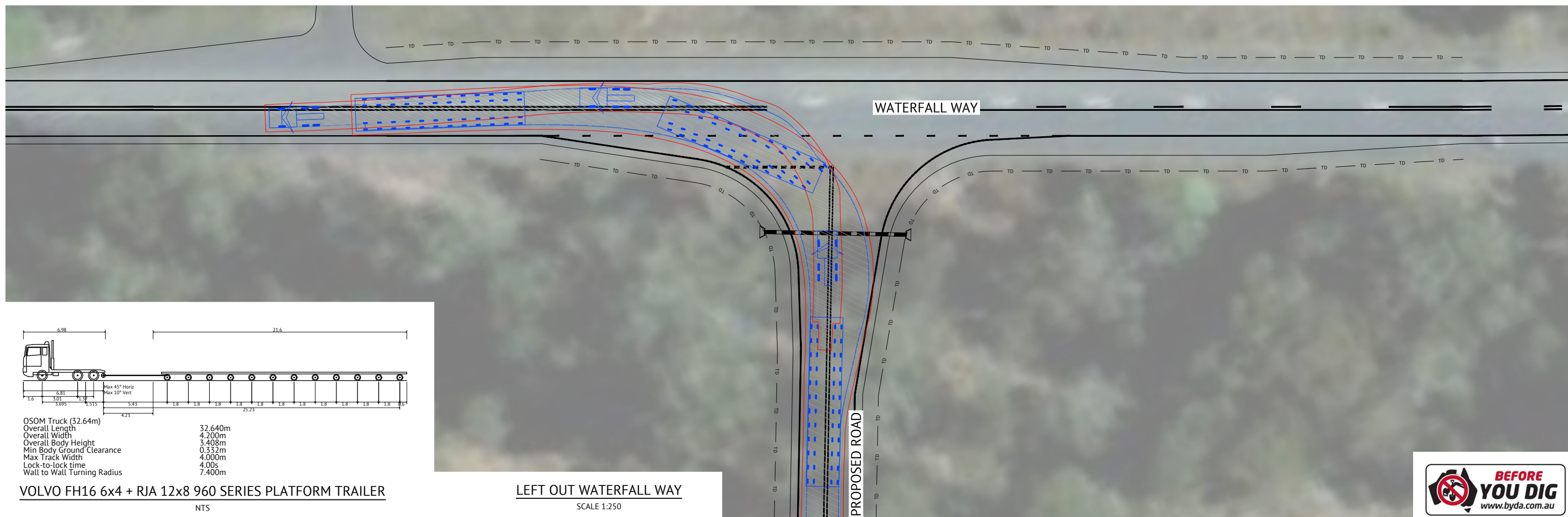
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CLIENT	BRIDGE ENERGY	JOB CODE	P003134_01
PROJECT	EBOR BESS	SHEET NUMBER	C005
LOCATION	8511 WATERFALL WAY, EBOR 2453	REV	B
SHEET TITLE	SAFE INTERSECTION SIGHT DISTANCE (SISD) PLAN		



SCALE 1:250



NTS

SCALE 1:250



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SCALE

0 5 10 15m

SCALE 1:250 (A1)

ORIGINAL SHEET SIZE A1

SHEET TITLE

OVERSIZED VEHICLE TURNING PATHS

C006

B

17/10/2025	B	OVERSIZED VEHICLE TURN PATH ADDED	RB	PPQ
08/10/2025	A	ISSUED FOR REVIEW	RB	PPQ
DATE	REV	DESCRIPTION	REC	APP
		REVISIONS		