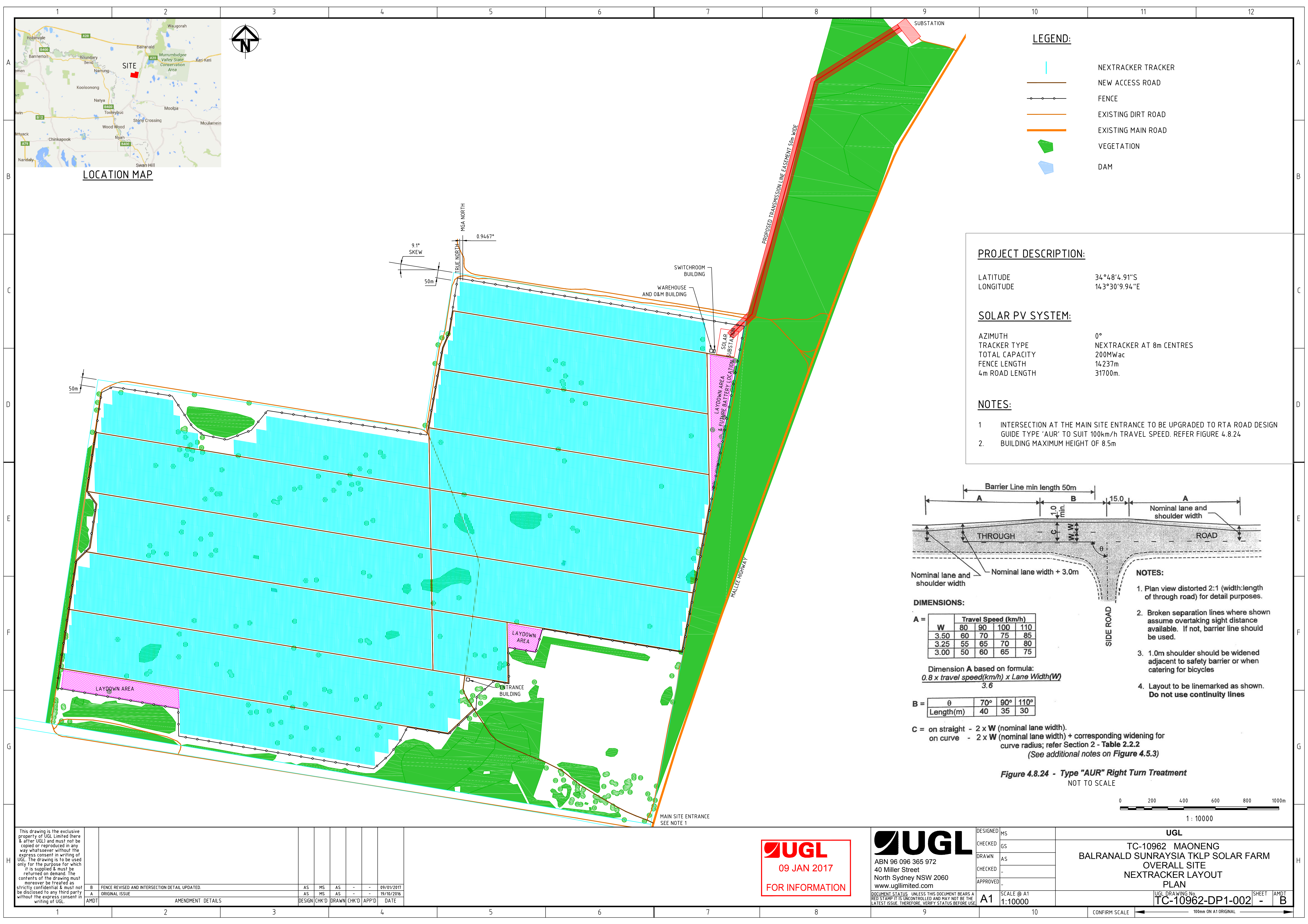


APPENDIX B SUNRAYSIA SOLAR INFRASTRUCTURE PLAN



LEGEND:

- NEXTRACKER TRACKER
- NEW ACCESS ROAD
- FENCE
- EXISTING DIRT ROAD
- EXISTING MAIN ROAD
- VEGETATION
- DAM

PROJECT DESCRIPTION:

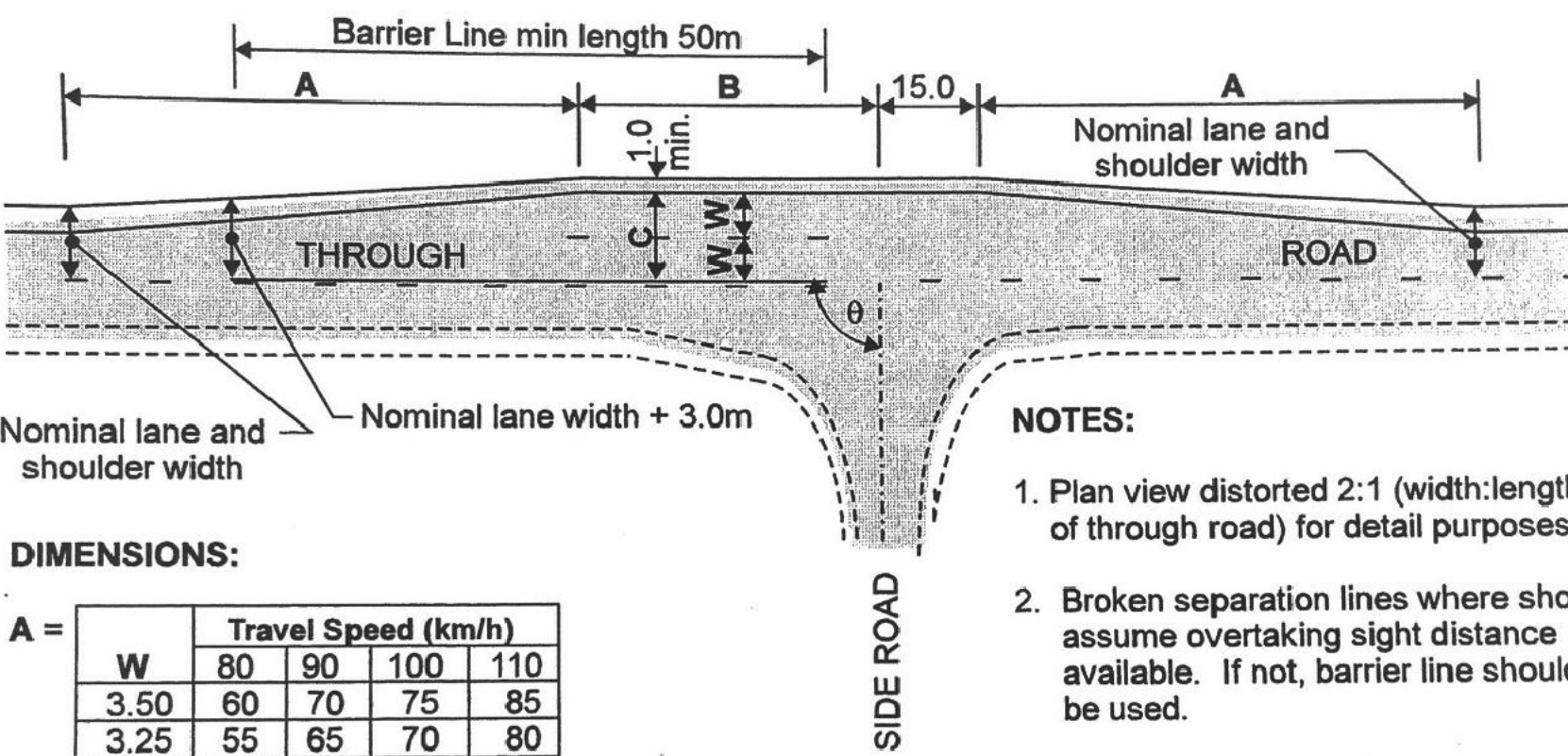
LATITUDE 34°48'4.91"S
LONGITUDE 143°30'9.94"E

SOLAR PV SYSTEM:

AZIMUTH 0°
TRACKER TYPE NEXTRACKER AT 8m CENTRES
TOTAL CAPACITY 200MWac
FENCE LENGTH 14237m
4m ROAD LENGTH 31700m.

NOTES:

- INTERSECTION AT THE MAIN SITE ENTRANCE TO BE UPGRADED TO RTA ROAD DESIGN GUIDE TYPE 'AUR' TO SUIT 100km/h TRAVEL SPEED. REFER FIGURE 4.8.24
- BUILDING MAXIMUM HEIGHT OF 8.5m



DIMENSIONS:

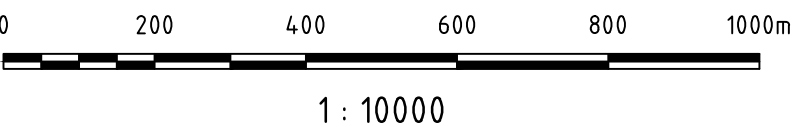
A =	Travel Speed (km/h)				
	W	80	90	100	110
3.50	60	70	75	85	
3.25	55	65	70	80	
3.00	50	60	65	75	

Dimension A based on formula:
 $0.8 \times \text{travel speed (km/h)} \times \text{Lane Width (W)}$
3.6

B =	0	70°	90°	110°
Length(m)	40	35	30	

C = on straight - 2 x W (nominal lane width).
on curve - 2 x W (nominal lane width) + corresponding widening for curve radius; refer Section 2 - Table 2.2.2
(See additional notes on Figure 4.5.3)

Figure 4.8.24 - Type "AUR" Right Turn Treatment
NOT TO SCALE



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	B	FENCE REVISED AND INTERSECTION DETAIL UPDATED.				AS	MS	AS	-	-	09/01/2017
	A	ORIGINAL ISSUE				AS	MS	AS	-	-	19/10/2016
	AMDT	AMENDMENT DETAILS				DESIGN	CHK'D	DRAWN	CHK'D	APP'D	DATE

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09 JAN 2017
FOR INFORMATION

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UGL
TC-10962 MAONENG
BALRANALD SUNRAYSIA TKLP SOLAR FARM
OVERALL SITE
NEXTRACKER LAYOUT
PLAN

UGL DRAWING No. TC-10962-DP1-002
SHEET -
AMDT B