

AMENDMENTS

No	DESCRIPTION	APPROVED & DATE
10	NOTES AND PAVEMENT MARKING AMENDED.	D.N. 16/5/18
11	TITLE BLOCK AND REFERENCES UPDATED.	C.M. 5/7/23
12	FONT STYLE CHANGED TO ARIAL NARROW.	C.M. 28/11/2023
13	TGSI LOCATIONS CORRECTED	C.M. 28/06/2024

NOTES

- THIS DRAWING SHALL BE USED IN CONJUNCTION WITH MAIN ROADS SUPPLEMENT TO AUSTRROADS GUIDE AND THE AUSTRROADS GUIDE TO ROAD DESIGN PART 4B: ROUNDABOUTS.

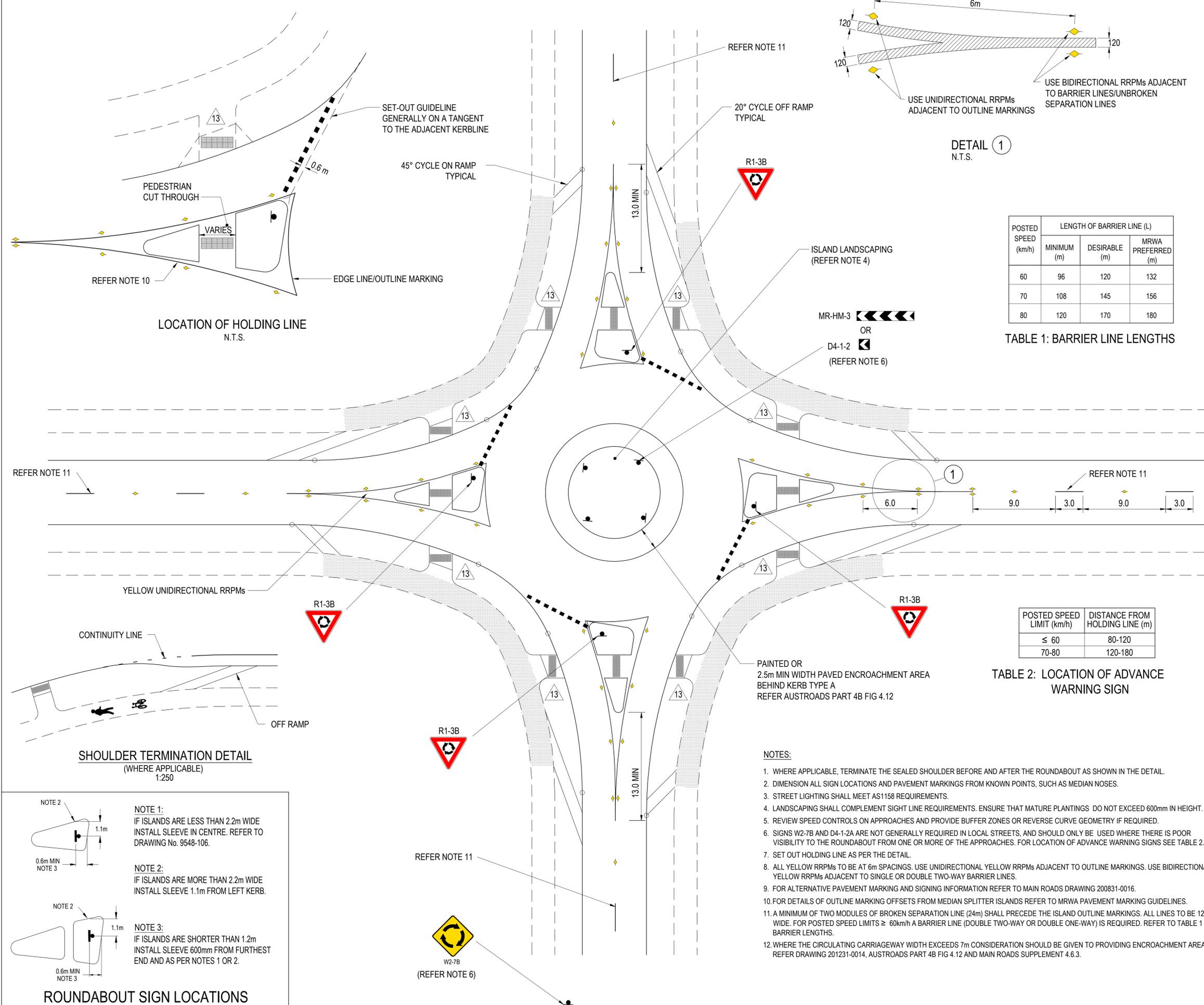


TABLE 1: BARRIER LINE LENGTHS

POSTED SPEED (km/h)	LENGTH OF BARRIER LINE (L)		
	MINIMUM (m)	DESIRABLE (m)	MRWA PREFERRED (m)
60	96	120	132
70	108	145	156
80	120	170	180

TABLE 2: LOCATION OF ADVANCE WARNING SIGN

POSTED SPEED LIMIT (km/h)	DISTANCE FROM HOLDING LINE (m)
≤ 60	80-120
70-80	120-180

- NOTES:
- WHERE APPLICABLE, TERMINATE THE SEALED SHOULDER BEFORE AND AFTER THE ROUNDABOUT AS SHOWN IN THE DETAIL.
 - DIMENSION ALL SIGN LOCATIONS AND PAVEMENT MARKINGS FROM KNOWN POINTS, SUCH AS MEDIAN NOSES.
 - STREET LIGHTING SHALL MEET AS1158 REQUIREMENTS.
 - LANDSCAPING SHALL COMPLEMENT SIGHT LINE REQUIREMENTS. ENSURE THAT MATURE PLANTINGS DO NOT EXCEED 600mm IN HEIGHT.
 - REVIEW SPEED CONTROLS ON APPROACHES AND PROVIDE BUFFER ZONES OR REVERSE CURVE GEOMETRY IF REQUIRED.
 - SIGNS W2-7B AND D4-1-2A ARE NOT GENERALLY REQUIRED IN LOCAL STREETS, AND SHOULD ONLY BE USED WHERE THERE IS POOR VISIBILITY TO THE ROUNDABOUT FROM ONE OR MORE OF THE APPROACHES. FOR LOCATION OF ADVANCE WARNING SIGNS SEE TABLE 2.
 - SET OUT HOLDING LINE AS PER THE DETAIL.
 - ALL YELLOW RRPMS TO BE AT 6m SPACINGS. USE UNIDIRECTIONAL YELLOW RRPMS ADJACENT TO OUTLINE MARKINGS. USE BIDIRECTIONAL YELLOW RRPMS ADJACENT TO SINGLE OR DOUBLE TWO-WAY BARRIER LINES.
 - FOR ALTERNATIVE PAVEMENT MARKING AND SIGNING INFORMATION REFER TO MAIN ROADS DRAWING 200831-0016.
 - FOR DETAILS OF OUTLINE MARKING OFFSETS FROM MEDIAN SPLITTER ISLANDS REFER TO MRWA PAVEMENT MARKING GUIDELINES.
 - A MINIMUM OF TWO MODULES OF BROKEN SEPARATION LINE (24m) SHALL PRECEDE THE ISLAND OUTLINE MARKINGS. ALL LINES TO BE 120mm WIDE. FOR POSTED SPEED LIMITS ≥ 60km/h A BARRIER LINE (DOUBLE TWO-WAY OR DOUBLE ONE-WAY) IS REQUIRED. REFER TO TABLE 1 FOR BARRIER LENGTHS.
 - WHERE THE CIRCULATING CARRIAGEWAY WIDTH EXCEEDS 7m CONSIDERATION SHOULD BE GIVEN TO PROVIDING ENCROACHMENT AREAS. REFER DRAWING 201231-0014, AUSTRROADS PART 4B FIG 4.12 AND MAIN ROADS SUPPLEMENT 4.6.3.

ROUNDABOUT SIGN LOCATIONS

NOTE 1: IF ISLANDS ARE LESS THAN 2.2m WIDE INSTALL SLEEVE IN CENTRE. REFER TO DRAWING No. 9548-106.

NOTE 2: IF ISLANDS ARE MORE THAN 2.2m WIDE INSTALL SLEEVE 1.1m FROM LEFT KERB.

NOTE 3: IF ISLANDS ARE SHORTER THAN 1.2m INSTALL SLEEVE 600mm FROM FURTHEST END AND AS PER NOTES 1 OR 2.

LEGEND

SHARED PATH

THE GOVERNMENT OF WESTERN AUSTRALIA

mainroads
WESTERN AUSTRALIA

PLANNING AND TECHNICAL SERVICES DIRECTORATE
ROAD AND TRAFFIC ENGINEERING BRANCH

WATERLOO CRESCENT EAST PERTH 6004
Telephone 138 138

DRAWN	D. NICHOLLS
DESIGNED	D. NICHOLLS
VERIFIED	B. SNOOK 12/8/05
APPROVED	R. GROVE 15/8/05
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GUIDELINE DRAWING
DESIGN GUIDELINES
SINGLE LANE ROUNDABOUTS
STEP 4 OF 4

MRWA DRAWING NUMBER
200331-0197-13

