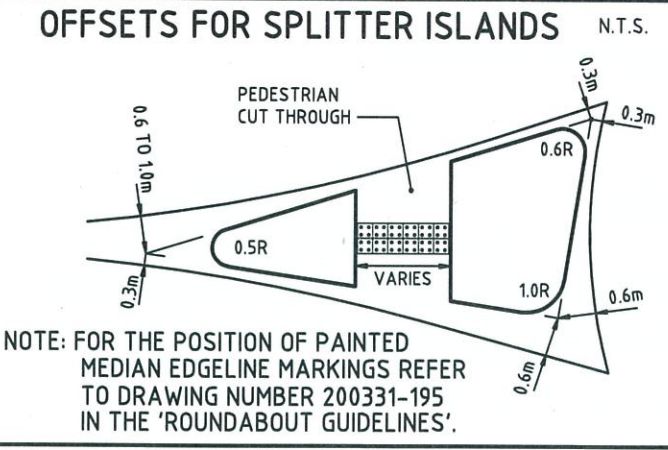
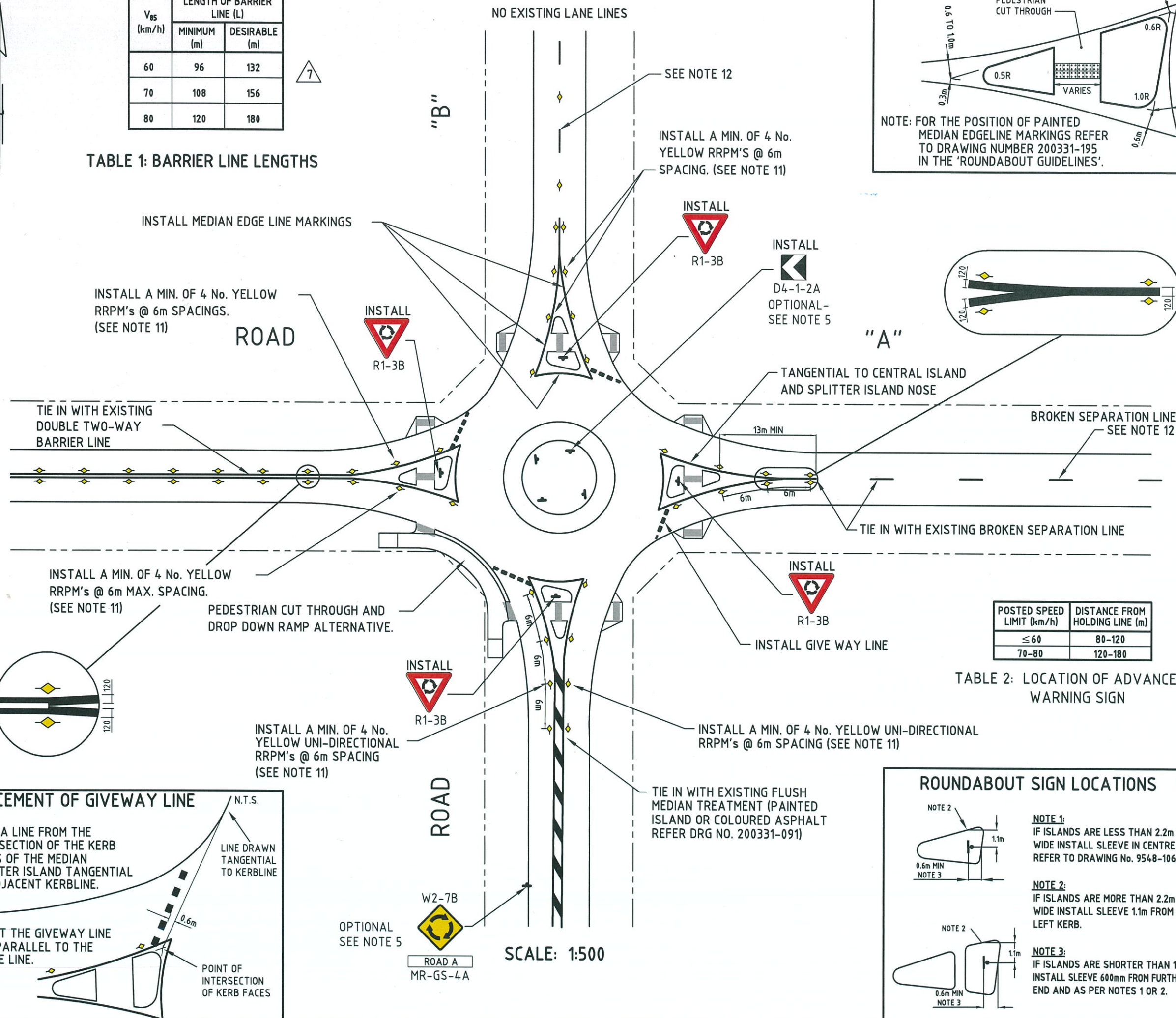
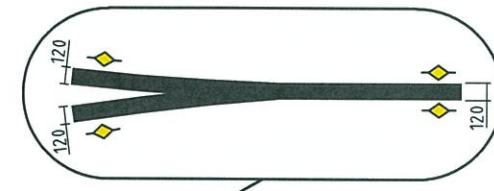


| V ₈₅ (km/h) | LENGTH OF BARRIER LINE (L) | |
|---------------------------|----------------------------|------------------|
| | MINIMUM (m) | DESIRABLE (m) |
| 60 | 96 | 132 |
| 70 | 108 | 156 |
| 80 | 120 | 180 |

TABLE 1: BARRIER LINE LENGTHS

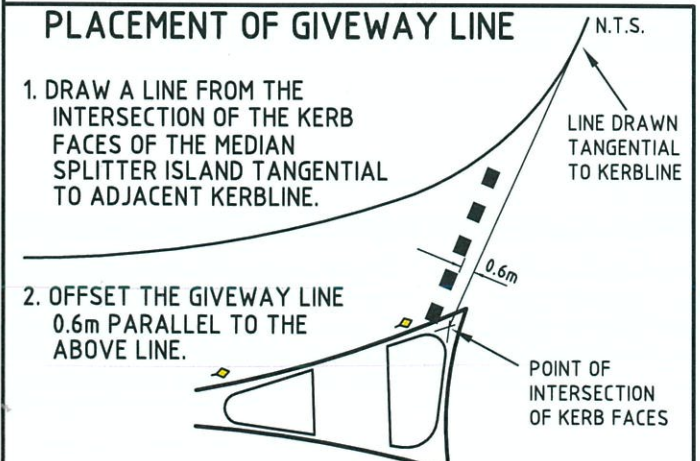
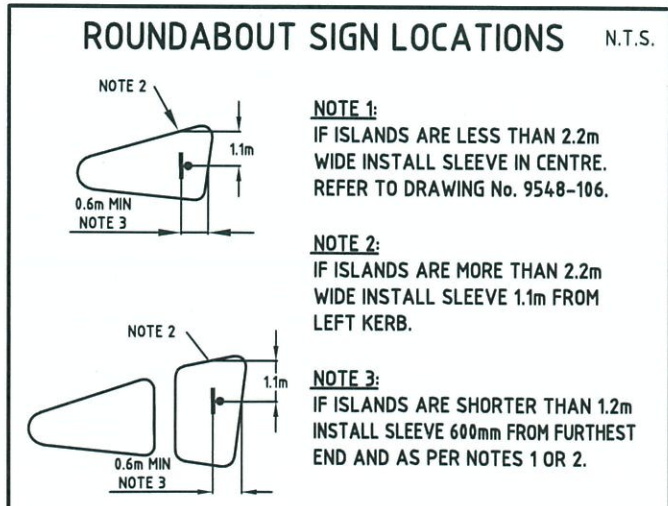


NOTE: FOR THE POSITION OF PAINTED MEDIAN EDGELINE MARKINGS REFER TO DRAWING NUMBER 200331-195 IN THE 'ROUNDAABOUT GUIDELINES'.



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

TABLE 2: LOCATION OF ADVANCE WARNING SIGN



| AMENDMENTS | | |
|------------|---|----------------------------|
| No. | DESCRIPTION | APPROVED & DATE |
| 2 | NOTE 5 SPEED LIMIT AMENDED. | R. KOORENGEVEL 22.7.09 |
| 3 | NOTES 10 & 11 ADDED. USE OF UNI & BIDIRECTIONAL RRPM'S CLARIFIED. | D. LANDMARK 24.3.10 |
| 4 | TABLES 1 & 2, AND NOTE 12 ADDED. | R. KOORENGEVEL 23.1.12 |
| 5 | TABLES 1 & 2, AND NOTE 12 AMENDED. | R. KOORENGEVEL 27.5.16 |
| 6 | RRPM'S AMENDED. | R. KOORENGEVEL 16.5.18 |
| 7 | TABLE 1, MISC. ANNOTATIONS & NOTES, & TITLE BLOCK AMENDED. | <i>[Signature]</i> 16/4/21 |

- NOTES**
- THIS DRAWING SHOULD BE USED AS A GUIDE FOR THE INSTALLATION OF SIGNS AND PAVEMENT MARKINGS OF SINGLE LANE ROUNDAABOUTS.
 - FOR THE GEOMETRIC DESIGN OF ROUNDAABOUTS REFER TO THE 'ROUNDAABOUTS' GUIDELINES ON THE MAIN ROADS WEBSITE.
 - PEDESTRIAN GAPS SHOULD BE SET BACK DESIRABLY 6.0m FROM THE GIVEWAY LINE. WHERE THIS IS NOT POSSIBLE, THE MINIMUM DISTANCE SHOULD BE 1.5m. WHERE TRAFFIC WARDEN CHILDRENS CROSSING ARE TO BE INSTALLED, PEDESTRIAN GAPS SHOULD BE LOCATED 12.0m BACK FROM THE GIVEWAY LINE.
 - PEDESTRIAN RAMPS SHOULD BE ALIGNED WITH THE SPLITTER ISLAND 'CUT THROUGH'S'. THE MINIMUM DESIRABLE WIDTH OF THE 'CUT THROUGH'S' IS 2.5m.
 - USE OF D4-1-2A OR W2-7B SIGNS MAY NOT BE REQUIRED IN ACCESS ROADS WHERE THE SPEED LIMIT IS ≤ 50km/h. USE WHERE THE INTERSECTION LAYOUT IS NOT OBVIOUS AT A DISTANCE EQUAL TO THE APPROACH SIGHT DISTANCE. FOR SPEED LIMITS OF 60 OR 70km/h, USE D4-1-2B. FOR SPEED LIMITS OF 80km/h, USE MR-HM-3(L).
 - THIS DRAWING SUPERSEDES DRAWING NUMBERS 8920-365, 9831-6702, 200331-124 AND 200331-125.
 - STREET LIGHTING SHOULD BE DESIGNED AND INSTALLED IN ACCORDANCE WITH AS1158.
 - FOR MOUNTABLE KERBING DETAILS SEE STANDARD DRAWING NUMBER 9331-0376.
 - THE PAVEMENT MARKINGS SHOWN ON THIS DRAWING ONLY APPLY TO ROADS WITH A POSTED SPEED LIMIT ≤ 60 km/h. FOR ROADS WITH A POSTED SPEED ≥ 70 km/h, THE RRPM'S SHOULD BE DOUBLED UP ON THE APPROACH SIDE AS PER DWG 200331-0191.
 - FOR THE POSITIONING OF TGS'S REFER TO STANDARD DRAWING NUMBERS 200931-0089 TO 200931-0091.
 - USE YELLOW UNIDIRECTIONAL RRPM'S ADJACENT TO OUTLINE MARKINGS AND YELLOW BIDIRECTIONAL AND UNIDIRECTIONAL RRPM'S ADJACENT TO BARRIER LINES/UNBROKEN SEPARATION LINES.
 - A MINIMUM OF 2 MODULES OF BROKEN SEPARATION LINE SHALL PRECEDE THE ISLAND OUTLINE MARKINGS. FOR POSTED SPEED LIMITS ≥ 60km/h, A BARRIER LINE (DOUBLE TWO-WAY OR DOUBLE ONE-WAY) IS REQUIRED, REFER TO TABLE 1.

mainroads
WESTERN AUSTRALIA

PLANNING AND TECHNICAL SERVICES DIRECTORATE
ROAD AND TRAFFIC ENGINEERING BRANCH
Waterloo Crescent EAST PERTH 6004
Telephone 138 138

| | | |
|----------|-------------|----------|
| DRAWN | J. VOKE | 19/06/08 |
| DESIGNED | I. EDWARDS | |
| VERIFIED | D. LANDMARK | 02/07/08 |
| APPROVED | R. GROVE | 02/07/08 |
| FILE NO. | | |

GUIDELINE DRAWING
SINGLE LANE ROUNDAABOUT
ON ROADS ≤ 80 km/h
SIGNING AND PAVEMENT MARKING

MRWA DRAWING NUMBER 200831-0016 -7

SCALE: 1:500
A 3