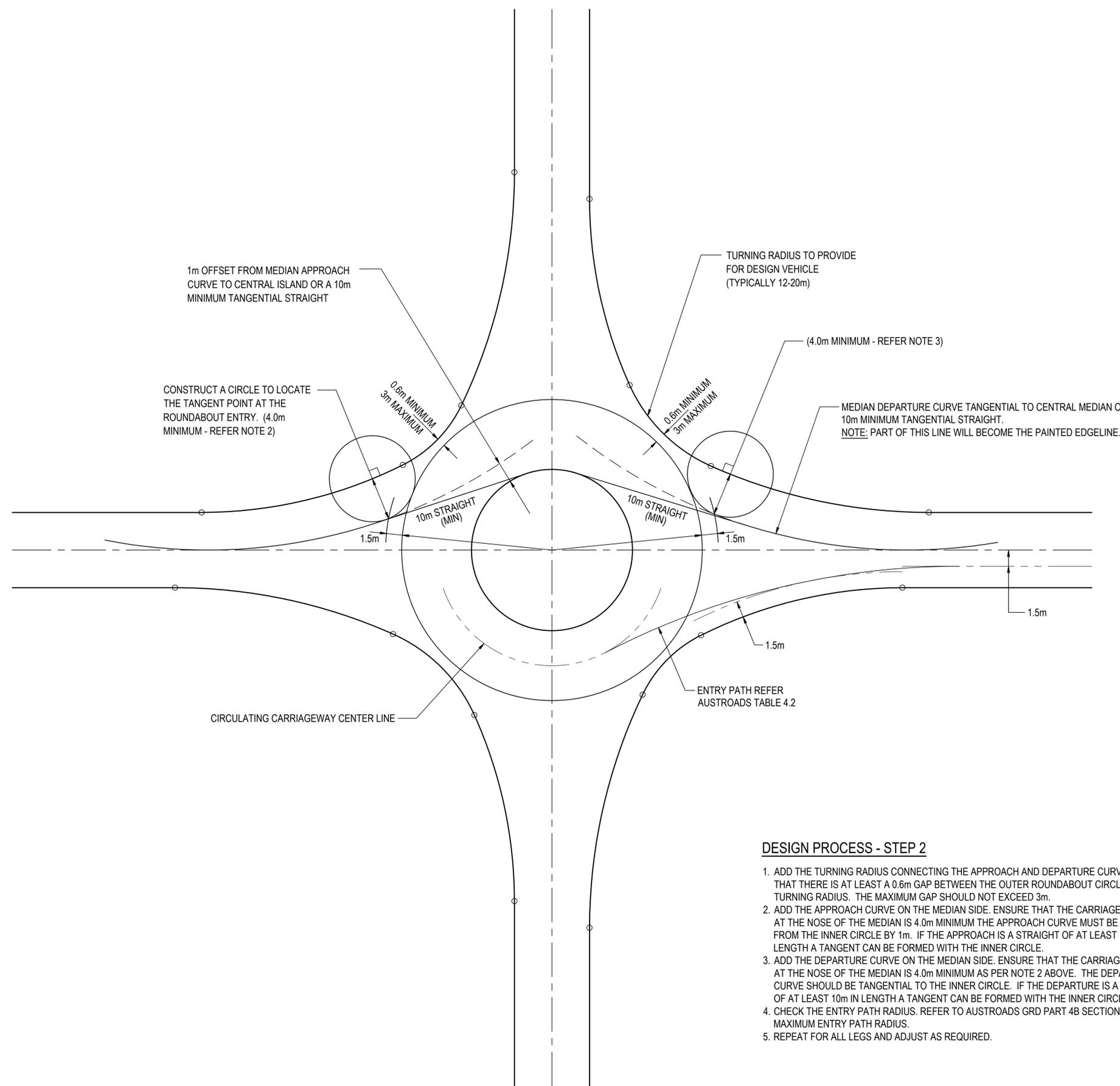


AMENDMENTS

No.	DESCRIPTION	APPROVED & DATE
1	ENTRY PATH ADDED, NOTES AMENDED.	T. FREEMAN C.M. 7/8/17
2	NOTE 4 AMENDED.	C.M. 5/7/23
3	TITLE BLOCK AND REFERENCES UPDATED.	C.M. 28/11/2023
4	FONT STYLE CHANGED TO ARIAL NARROW.	

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.



DESIGN PROCESS - STEP 2

- ADD THE TURNING RADIUS CONNECTING THE APPROACH AND DEPARTURE CURVES. ENSURE THAT THERE IS AT LEAST A 0.6m GAP BETWEEN THE OUTER ROUNDABOUT CIRCLE AND THE TURNING RADIUS. THE MAXIMUM GAP SHOULD NOT EXCEED 3m.
- ADD THE APPROACH CURVE ON THE MEDIAN SIDE. ENSURE THAT THE CARRIAGEWAY WIDTH AT THE NOSE OF THE MEDIAN IS 4.0m MINIMUM THE APPROACH CURVE MUST BE OFFSET FROM THE INNER CIRCLE BY 1m. IF THE APPROACH IS A STRAIGHT OF AT LEAST 10m IN LENGTH A TANGENT CAN BE FORMED WITH THE INNER CIRCLE.
- ADD THE DEPARTURE CURVE ON THE MEDIAN SIDE. ENSURE THAT THE CARRIAGEWAY WIDTH AT THE NOSE OF THE MEDIAN IS 4.0m MINIMUM AS PER NOTE 2 ABOVE. THE DEPARTURE CURVE SHOULD BE TANGENTIAL TO THE INNER CIRCLE. IF THE DEPARTURE IS A STRAIGHT OF AT LEAST 10m IN LENGTH A TANGENT CAN BE FORMED WITH THE INNER CIRCLE.
- CHECK THE ENTRY PATH RADIUS. REFER TO AUSTRROADS GRD PART 4B SECTION 4.5.3 MAXIMUM ENTRY PATH RADIUS.
- REPEAT FOR ALL LEGS AND ADJUST AS REQUIRED.



PLANNING AND TECHNICAL SERVICES DIRECTORATE ROAD AND TRAFFIC ENGINEERING BRANCH WATERLOO CRESCENT Telephone 138 138 EAST PERTH 6004	
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DESIGNED	D. NICHOLLS
VERIFIED	B. SNOOK 12/8/05
APPROVED	R. GROVE 15/8/05
FILE NO.	13/4331

GUIDELINE DRAWING
 DESIGN GUIDELINES
 SINGLE LANE ROUNDABOUTS
 STEP 2 OF 4

MRWA DRAWING NUMBER
200331-0195-4

