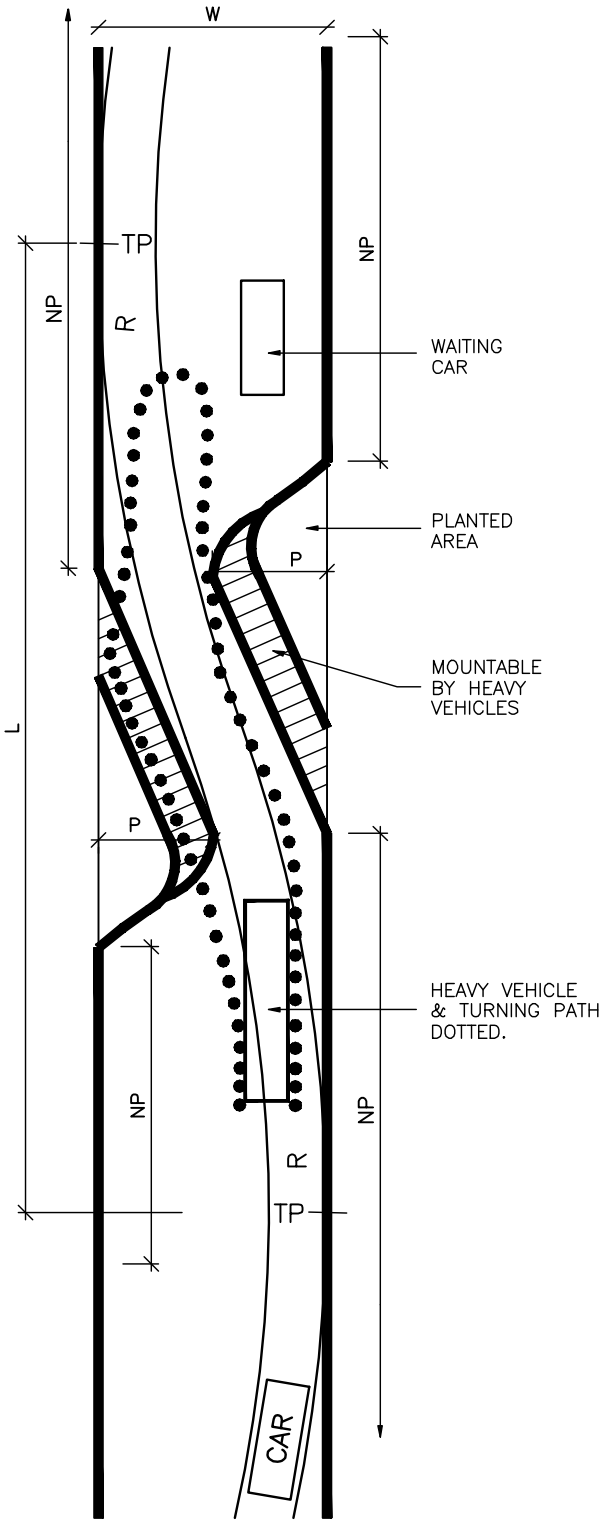
Waitakere City Council
Te Taiao o Waitakere



PLAN
SCALE 1:250

ANGLED SLOW POINTS

ANGLED SLOW POINTS CONSIST OF ISLANDS THAT FORCE CARS TO TRAVEL ON REVERSED CIRCULAR ARCS OF RADIUS CHOSEN FOR A DESIGN SPEED. ON THE DRIVERS LEFT THERE IS A LEADING ISLAND REQUIRING STEERAGE TO THE RIGHT HAND SIDE OF THE ROAD AND A FOLLOWING PROJECTION REQUIRING STEERAGE TO THE LEFT.
THE ISLANDS CAN BE ANY SENSIBLE SHAPE BUT THE CRITICAL PROJECTIONS (P) MUST TOUCH A 2m WIDE WIDE CONTROL TRACK OF DESIGN RADIUS.
LOW SPEED DESIGNS ARE SUITABLE FOR SINGLE LANE TWO WAY TRAFFIC WHILE HIGHER SPEED DESIGNS REQUIRE A CENTRAL ISLAND ALLOWING FOR CONTINUOUS FLOW EACH WAY.
THE CRITICAL PROJECTIONS MUST BE MOUNTABLE BY THE DESIGN HEAVY VEHICLE (eg. BUS, 8m TRUCK, FIRE ENGINE).
NO STOPPING ZONES ARE REQUIRED TO ALLOW FOR EXITING AT DESIGN SPEED AND WAITING TO ENTER ON THE LEFT.
DRIVEWAYS, TREES, POLES, etc. DETERMINE THE POSITIONING OF THE ISLANDS.

DESIGN SPEED (Km/h)	RADIUS(R) (m)
25	20
30	30
35	40
40	55
45	75
50	100

$$L = \sqrt{[4R\ (W-2)-(W-2)^2]}$$

NOTE:

Appropriate signs, markings, lighting and planting must be provided.

ENGINEERING STANDARDS MANUAL

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ANGLED SLOW POINTS: DESIGN PRINCIPLES

STANDARD DETAIL

SD 3.20