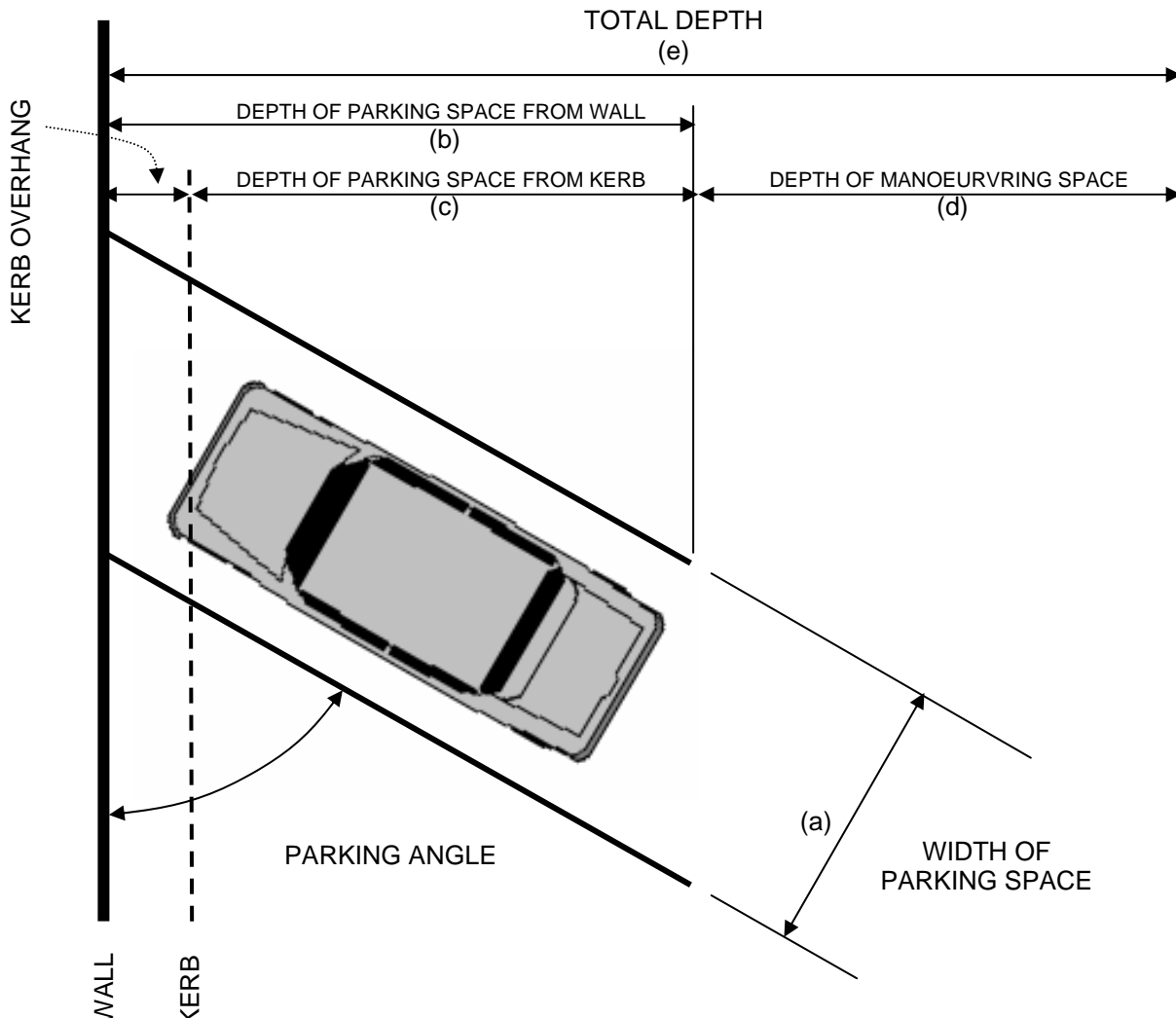


APPENDIX 1 REQUIREMENTS AND STANDARDS FOR CAR PARKING LAYOUT AND VEHICLE ACCESS

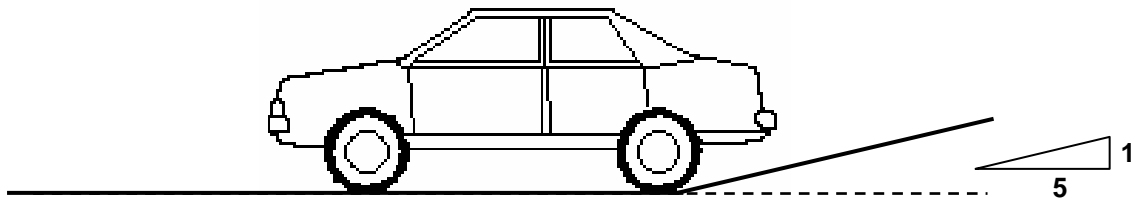
CAR PARKING LAYOUT

Type of Parking		Stall Width (a)	Stall Depth		Manoeuvr Aisle Width (d)	Total Depth (e)
Parking Angle	Type		From Wall (b)	From Kerb (c)		
ALL MEASUREMENTS ARE IN METRES						
90°	Nose in: Left Turn	2.5 2.6 2.8	4.9	3.9	7.7 7.0 6.6	12.6 11.9 11.5
90°	Nose in: Right Turn	2.5 2.6 2.8	4.9	3.9	8.4 7.9 7.5	13.3 12.8 12.4
75°	Nose in	2.5 2.6 2.8	5.2	4.2	6.3 5.2 4.1	11.5 10.4 9.3
60°	Nose in	2.5 2.6 2.8	5.2	4.2	4.1 3.5 3.2	9.3 8.7 8.4
45°	Nose in	2.5 2.6 2.8	4.9	4.1	2.6 2.4 2.3	7.5 7.3 7.2
30°	Nose in	2.5 2.6 2.8	4.0	3.4	2.4 2.4 2.3	6.4 6.4 6.3
0°	Parallel	2.5	Stall length 6.1m		3.7	

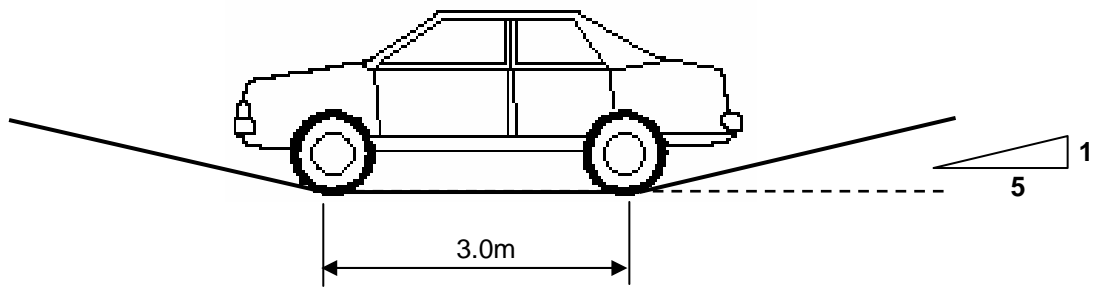
Note: Ministry of Transport recommends a minimum manoeuvre aisle width of 3.7m.



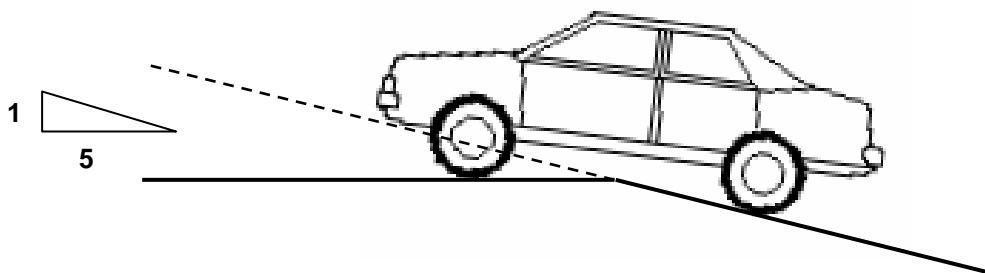
STANDARDS FOR MOTOR VEHICLE ACCESS FOR PUBLIC AND PRIVATE PARKING AREAS



DEPARTURE ANGLE AND GRADIENT OF DRIVEWAY 1 IN 5 MAXIMUM



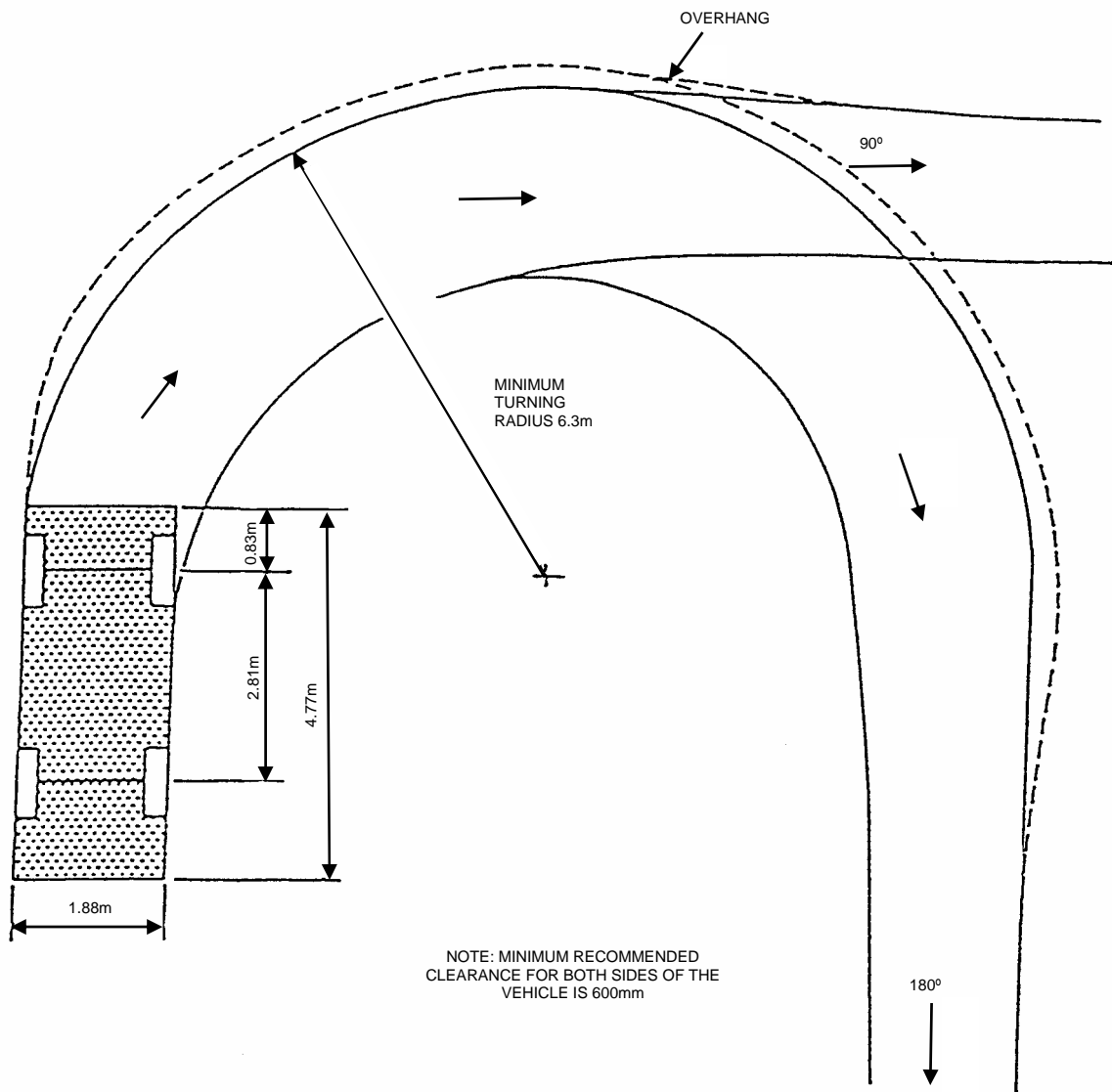
ACCESS DRIVE AND GRADE CHANGE 1 IN 5 MAXIMUM AT 3.0m MINIMUM DISTANCE FROM KERB



BREAKOVER ANGLE AND GRADIENT OF DRIVEWAY 1 IN 5 MAXIMUM

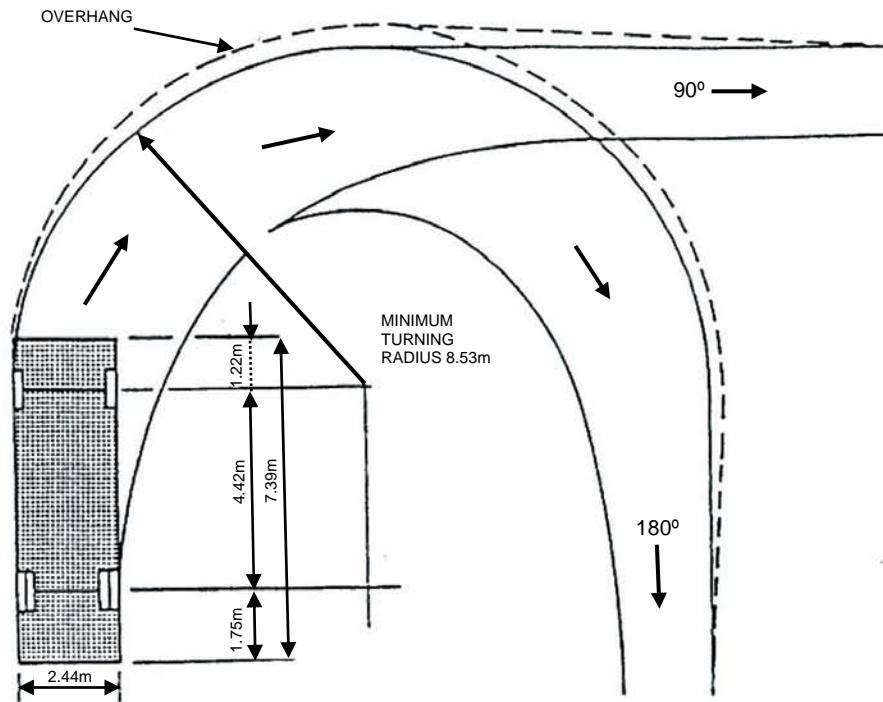
NOT TO SCALE

MINIMUM RADIUS TRACKING CURVE FOR 90 PERCENTILE CAR

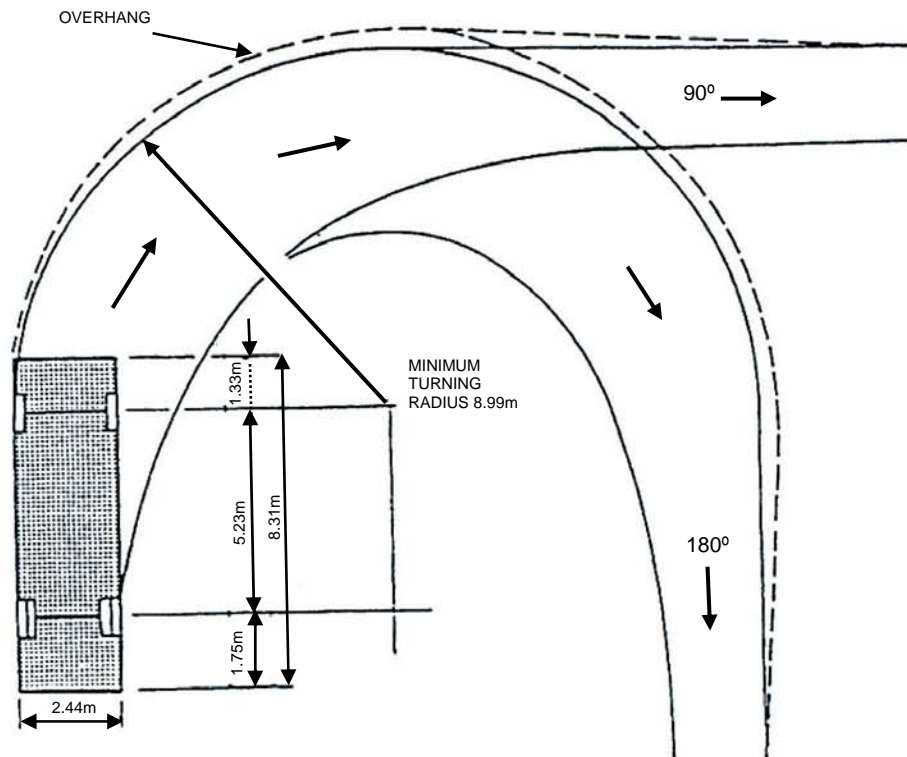


SCALE 1:100

MINIMUM RADIUS TRACKING CURVE FOR 90 PERCENTILE TRUCK



MINIMUM RADIUS TRACKING CURVE FOR 99 PERCENTILE TRUCK



SCALE 1:200