



TABLE A

DRIVEWAY CLASSIFICATION	*OPERATING SPEED (KM/H)	MINIMUM SIGHT DISTANCE (x)		
		FRONTAGE ROAD CLASSIFICATION		
		1. LOCAL (m)	2. COLLECTOR (m)	3. ARTERIAL (m)
LOW VOLUME (UP TO 200 VEHICLE MANOEUVRES PER DAY)	40	30	35	70
	50	40	45	90
	60	55	65	115
	70	85	85	140
	80	105	105	175
	90	130	130	210
	100	160	160	250
	110	190	190	290

DRIVEWAY CLASSIFICATION	*OPERATING SPEED (KM/H)	MINIMUM SIGHT DISTANCE (x)		
		FRONTAGE ROAD CLASSIFICATION		
		1. LOCAL (m)	2. COLLECTOR (m)	3. ARTERIAL (m)
HIGH VOLUME (MORE THAN 200 VEHICLE MANOEUVRES PER DAY)	40	30	70	70
	50	40	90	90
	60	55	115	115
	70	85	140	140
	80	105	175	175
	90	130	210	210
	100	160	250	250
	110	190	290	290

* OPERATING SPEED = 85TH PERCENTILE SPEED ON FRONTAGE ROAD. OR SPEED LIMIT PLUS 15% IF SPEED DATA IS NOT AVAILABLE.

- 1. LOCAL = UP TO 1000VPD
- 2. COLLECTOR = 1000VPD TO 3000VPD
- 3. ARTERIAL = ABOVE 3000VPD

POINTS A & B = INTERSECTION OF LANE CENTRE LINE AND DRIVEWAY CENTRE LINE.

POINTS C & D = POSITION ON CENTRE LINE OF LANE WHERE SIGHT DISTANCE IS MEASURED.

POINT E = POSITION ON CENTRE LINE OF DRIVEWAY WHERE SIGHT DISTANCE IS MEASURED

LINES AC AND BD - ALL DRIVEWAYS, ALL ROADS.

LINES EC AND ED (NO PERMANENT OBSTRUCTIONS, EXCLUDE PARKED VEHICLES WHICH MAY OBSTRUCT THESE SIGHT LINES OCCASIONALLY)

- HIGH VOLUME DRIVEWAY, COLLECTOR ROAD
- LOW VOLUME DRIVEWAY, ARTERIAL ROAD IN URBAN AREA

LINES EC AND ED (NO OBSTRUCTIONS, PARKED VEHICLES NOT EXCLUDED)

- LOW VOLUME DRIVEWAY, ARTERIAL ROAD IN RURAL AREA
- HIGH VOLUME DRIVEWAY, ARTERIAL ROAD.

NOTE:

1. TABLES LIST THE MINIMUM SIGHT DISTANCES FOR VARIOUS COMBINATIONS OF DRIVEWAY CLASSIFICATIONS, FRONTAGE, ROAD CLASSIFICATIONS AND OPERATING SPEEDS.
2. SIGHT LINES SHALL BE FROM DRIVERS EYE HEIGHT (1.1m) ABOVE ADJOINING ROAD LEVEL WITHIN THE SIGHT TRIANGLE.



ROADING STANDARDS
ENTRANCEWAY SIGHT DISTANCES

Drawn	Designed	
S. TURKINGTON		
Approved	Revision Date	
F. NORKU	OCTOBER 2015	
Scale	Drawing No.	Revision
NOT TO SCALE	KCDC-TF-001	R1