



ANNEXURE 1

QUIET HOUSE DESIGN GUIDELINES LOTS 100 - 106

Outdoors minimum 2.4 m high solid fence e.g. Brick, Hardifence or Limestone but excluding both Colorbond and Picket fences with various cul-de-sac wall opening sizes gaps as shown;

AND – for indoors . . .

Area type	Orientation	Package A measures
Indoors		
Bedrooms	Facing road/rail corridor	<ul style="list-style-type: none"> ▪ 6 mm laminated glazing ▪ Casement or awning windows ▪ No external doors ▪ Closed eaves ▪ No vents to outside walls/eaves ▪ Mechanical ventilation/airconditioning (see 4.5.3)
	Side-on to corridor	<ul style="list-style-type: none"> ▪ 6 mm laminated glazing ▪ Closed eaves ▪ Mechanical ventilation/airconditioning
	Away from corridor	No requirements
Living and work areas ⁵	Facing corridor	<ul style="list-style-type: none"> ▪ 6 mm laminated glazing ▪ Casement or awning windows ▪ 35 mm (minimum) solid core external doors with acoustic seals⁶ ▪ Sliding doors must be fitted with acoustic seals ▪ Closed eaves ▪ No vents to outside walls/eaves ▪ Mechanical ventilation/airconditioning
	Side-on to corridor	<ul style="list-style-type: none"> ▪ 6 mm glazing ▪ Closed eaves ▪ Mechanical ventilation/airconditioning
	Away from corridor	No requirements
Other indoor areas	Any	No requirements

--- Mechanical ventilation/airconditioning

Where outdoor noise levels are above the "target", both packages A and B require mechanical ventilation or airconditioning to ensure that windows can remain closed in order to achieve the indoor noise standards.

In implementing packages A and B, the following need to be observed:

- Evaporative airconditioning systems will meet the requirements for packages A and B provided attenuated air vents are provided in the ceiling space. Without such vents, these systems require windows to remain open.
- Refrigerative airconditioning systems need to be designed to achieve fresh air ventilation requirements.
- Air inlets need to be positioned facing away from the corridor where practicable.
- Ductwork needs to be provided with adequate silencing, particularly in higher noise areas, to prevent noise intrusion.