

APPENDIX 9

PEDESTRIAN OVERPASSES AND UNDERPASSES





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ADDITIONAL SPECIFICATION

OVERPASSES

The exact location and level of each overpass is to be determined in consultation with the Council.

Width and height

No overpass will:-

- a) exceed a width of 12m
- b) exceed a vertical height of 4m measured from its underside
- c) comprise more than a single storey

Height above ground

The clear vertical height from the crown of the road to the underside of an overpass structure spanning the road will be 5.2m.

Overpasses spanning a road will have a springing at the same level on each side of the road (where practicable) and a minimum positive camber of 1% run.

Abutments

At each end of an overpass spanning a road, the developer will make provision within the site for structural support for the overpass. No support structures will be permitted on the carriageway.

Relative levels

Where a connection between an overpass and the floor of an adjoining building requires a change in level, such change will take place entirely within the building, and will, unless specifically permitted by the Council, be achieved by means of a ramp rather than stairs.

Floor loads

Overpasses will be used for pedestrian circulation only and will be designed for a unit live load of 1,6000 kgs per sq.m.

Weather protection

An overpass connecting two developments will be fully roofed and will be clear glazed on both sides of the walkway. The glazing will extend at least from 300mm above the floor of the walkway to the ceiling of the walkway for the full length of the overpass. Provision will be made for cleaning both sides of the glazing from the overpass itself.

Internal partitions

No internal partitions will be permitted.

UNDERPASSES

The exact location and level of each underpass is to be determined in consultation with the Council.

Width

Underpass widths will be at least that of the walkways at each end, with a minimum of 3.7m.

Abutments

Where an underpass is to be constructed, the developer will make provision for connection to that underpass.

Weather protection

Adequate weather protection is required where an underpass exits onto a road.

