

Orchard Road Mall Paving Design Guidelines

DESIGN PRINCIPLES

Colour

The paving to the Orchard Road Mall is intended to be a neutral background and unifying under-layer to the pedestrian precinct. The base paving is flamed granite, mid grey in colour.

Module

The paving module consists of 450mm wide continuous strips running generally parallel with the Orchard Road kerb line. Three paver lengths are used; 300, 600 and 900mm, laid in a random pattern, with joints in adjacent rows offset by 150mm.

Articulation and Highlights

The rhythm of tree spacing along Orchard Road is reinforced along the pedestrian thoroughfare using bands of contrasting colour and paving direction. The granite bands are in flamed finish, either black or white in colour.

The Somerset sub-precinct east of Grange Road generally uses only the background mid-grey flamed granite without articulation.

Thickness

Nominal paving thickness to the pedestrian zone is 40mm minimum. The final paving thickness will be determined by the properties of the selected granite, subject loads including vehicular access, and substrate conditions.

Barrier Free Access

The footpath interface with road surface will include footpath ramps and have levels set to ensure barrier free access. Kerb ramps will have inset stainless steel “decision” tactile markers in accordance with LTA guidelines.

Property Line Demarcation

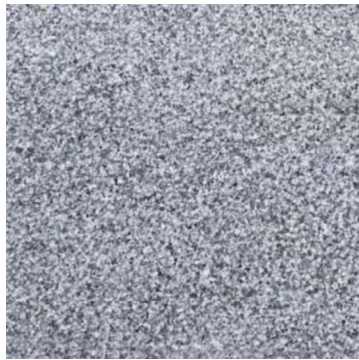
The boundary to adjoining private properties is frequently demarcated by an expansion / movement joint and 150mm x 150mm drainage points at 6m intervals. The drainage points are made of the same material as the pedestrian mall paving to ensure a contiguous appearance. For uniformity in alignment this strip may not be exactly on the boundary due to various encroachments into the public precinct by existing structures from adjoining private property.

ILLUSTRATIONS

Typical Facing Colour and Articulation



*"WHITE CONTRAST BAND"
FLAMED "BARRY WHITE"*



*"MID GREY BASE PAVING" FLAMED
"654 MEDIUM GREY GRANITE"*

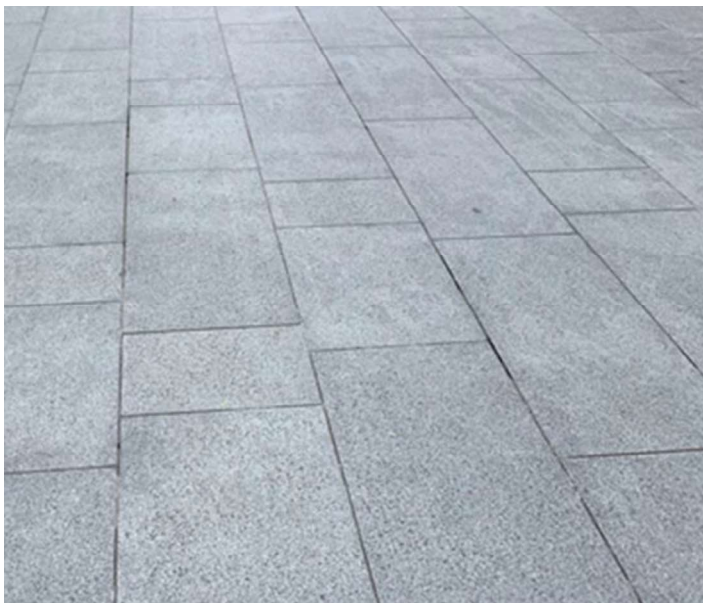


*"BLACK CONTRAST BAND" FLAMED
"BLACK GRANITE"*



STAINLESS STEEL
DECISION TACTILES

Typical Paving Layout



DESIGN GUIDELINES FOR ADJOINING PROPERTIES

To achieve a cohesive quality to the Orchard Road Mall it is proposed that all upgrades to the paving of adjoining properties should conform to the design principles of the pedestrian thoroughfare:

1. The base paving should match the colour and modular articulation of the paving to the adjacent pedestrian thoroughfare.
2. The private property paving can establish patterns, textures, highlights etc. using the different colours or materials but the design should be clear that the base paving, matching that of Orchard Road Mall, is the background on which it is placed or inserted.
3. Where the major articulation of contrasting granite bands is applied to the pedestrian thoroughfare, it may be extended into the private property.
4. All paving should align with the levels of the pedestrian thoroughfare or provide transitions that ensure barrier free access.
5. All paving to adjoining properties should fall to internal drainage points. No surface water from private property should discharge across the public thoroughfare. The paving should be extended to the property demarcation using substantially whole tiles.