GRIMSHAW + JPW + TZANNES

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Planning Proposal Shadow Analysis

Martin Place Metro OCTOBER 2017



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Envelopes South site

- · Tops of envelopes have been determined by the agreed project Sun Access Plane.
- All ground level RLs are existing and have been taken from topographical survey (refer to drawing MPS_ COA_000_XX_DR_A_DA1001_01).
- 55m podium height measurement taken from the northwest corner of the site (being the lowest corner).



Envelopes North site

- · Tops of envelopes have been determined by the agreed project Sun Access Plane.
- All ground level RLs are existing and have been taken from topographical survey (refer to drawing MPS_ COA_000_XX_DR_A_DA1001_01).
- Podium height derived from the existing 50 Martin Place parapet height.



Existing (diagrammatic form)

Proposed SSD and Planning Proposal envelope

RL +211.19 RL +214.10

DCP/LEP compliant envelope

RL +133.863

RL +132.860

RL +67.69

RL +24.58



Shadow Analysis

December 21 09:00_15:00



11611

148 King

Street

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148 King

Street



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148 King

June 21 09:00_15:00



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148 King Street



148 King Street

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148 King Street



148 King Street

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148 King



148 King

September 21 09:00_15:00



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148 King





1161

148 King

Street



2 10 10

148 King



Please note that colours of shadow may varies in intensity due to sun intensity and environment

43

148 King

Street



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148 King



April 14 09:00_15:00



MARTIN PLACE STATION

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148 King

MARTIN PLACE STATION 34



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148 King

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August 31 09:00_15:00





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148 King Street



Please note that colours of shadow may varies in intensity due to sun intensity and environment

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MARTIN PLACE STATION



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