



21 June 2010

1 = 12pm

2 = 1pm

3 = 2pm

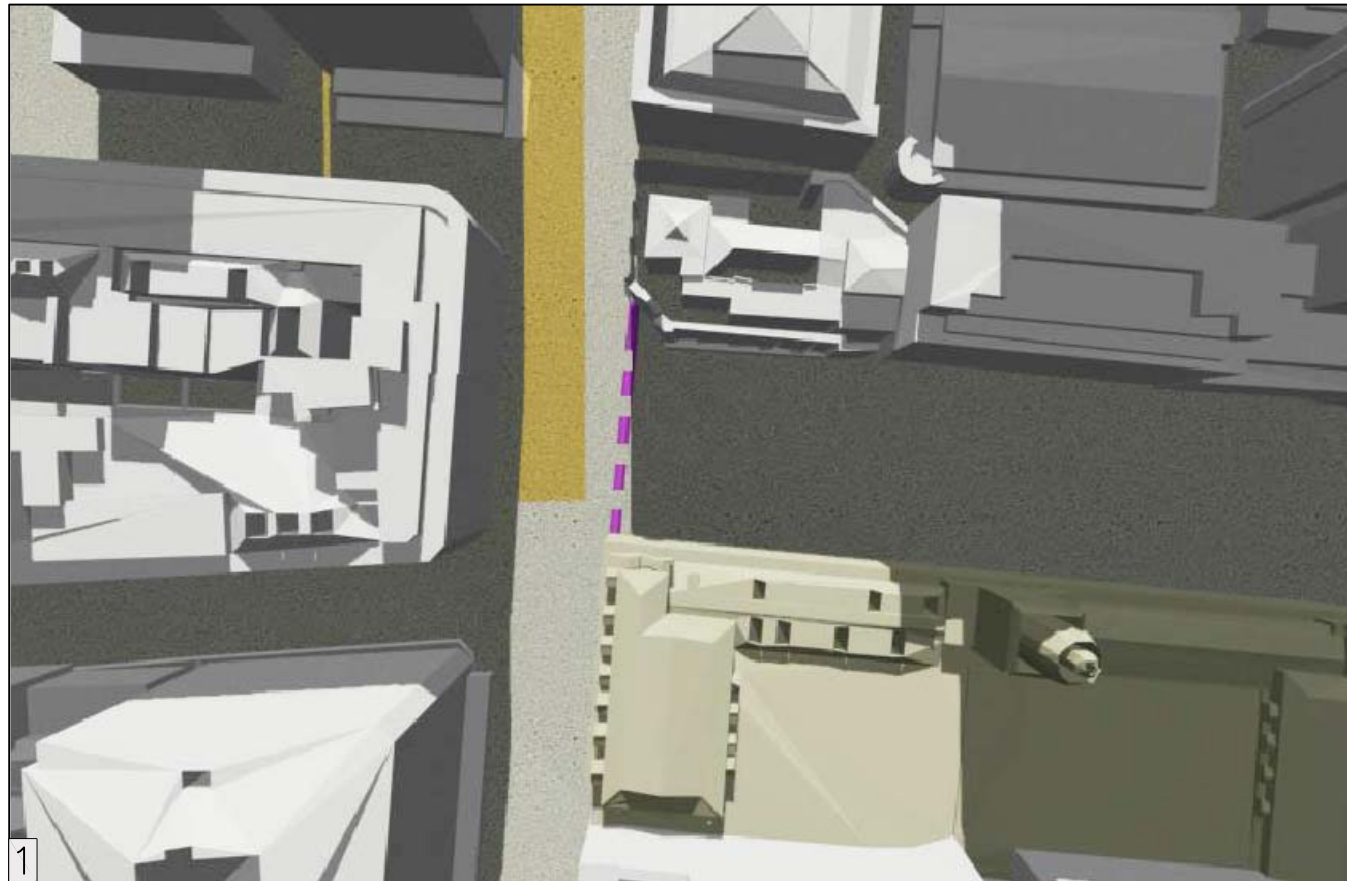
Legend:

- Proposed CityOne Building (RL: 106m)
- Sun shadow from the CityOne Building (RL: 106m)
- Sun shadow from other buildings

Proposed Design Parameters

- Existing Buildings Modelled from photogrammetry
- Proposed 3D Building Models received from:  
3D Architectural Imaging  
Data ref: detail model.max  
Dated: March 2009
- Existing Natural surface shown modelled from LiDAR and photogrammetry.
- Proposed shadow envelope and angle derived from survey calculations based on Martin Place shadow definition
- Shadow Plans are diagrammatic representations of survey calculations for Martin Place Shadow Definition at 1200hrs, 1300hrs and 1400hrs at the Winter Solstice
- Diagrammatic representations for all other times are software generated and not based on survey calculations
- At RL 106m, the sun shadow is simulated to comply with the provisions of Clause 49 of Sydney Local Environmental Plan 2005





21 June 2010

① = 12: 00pm

② = 12: 15pm

③ = 12: 30pm

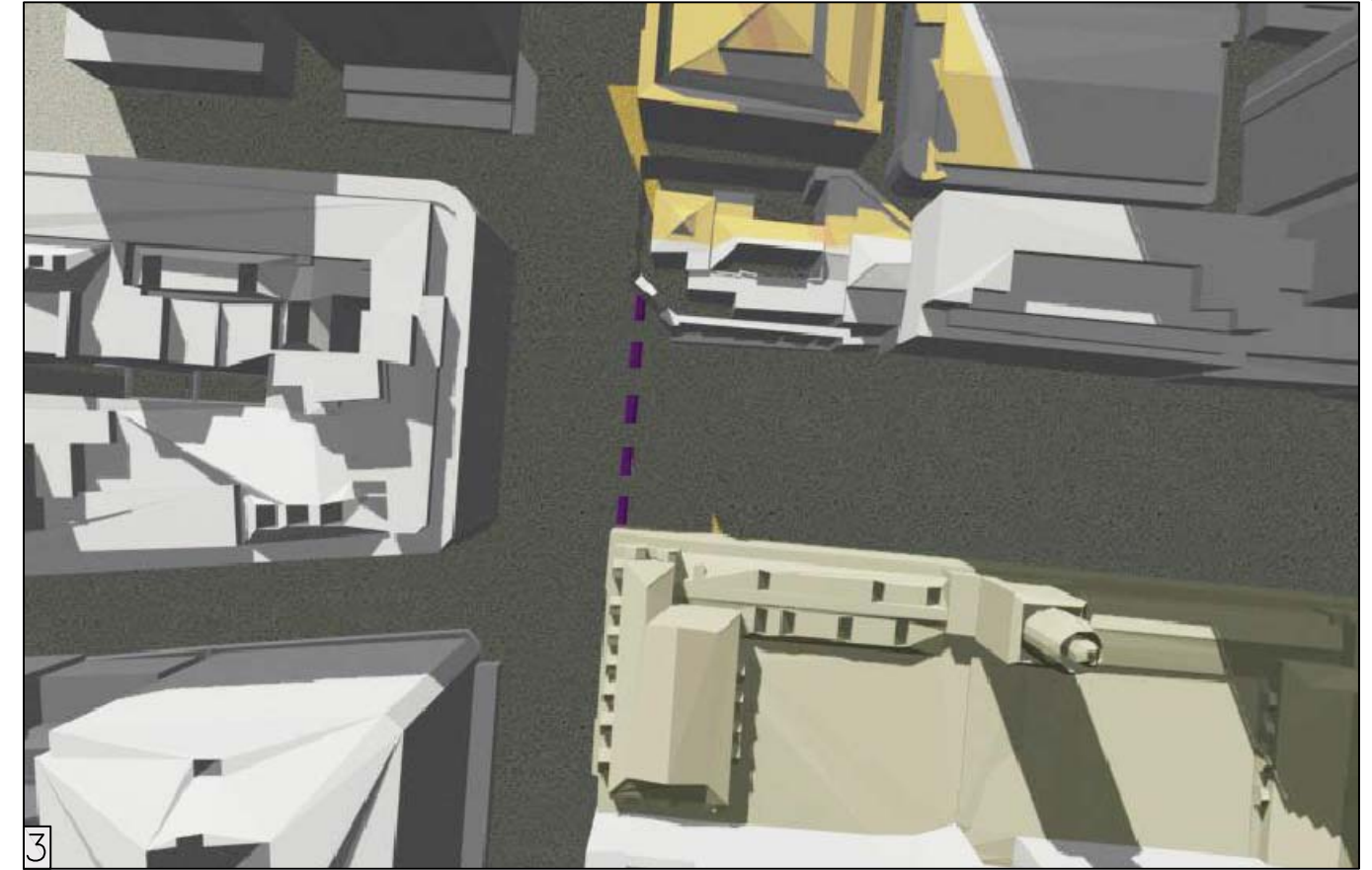
Legend:

- Sun shadow from the CityOne Building (RL: 125m)
- Sun shadow from other buildings
- Martin Place Boundary

## Proposed Design Parameters

- Existing Buildings Modelled from photogrammetry
- Proposed 3D Building Models received from:  
3D Architectural Imaging  
Data ref: detail model.max  
Dated: March 2009
- Existing Natural surface shown modelled from LiDAR and photogrammetry.
- Proposed shadow envelope and angle derived from survey calculations based on Martin Place shadow definition
- Shadow Plans are diagrammatic representations of survey calculations for Martin Place Shadow Definition at 1200hrs, 1215hrs and 1230hrs at the Winter Solstice
- Diagrammatic representations for all other times are software generated and not based on survey calculations





21 June 2010

1 = 12: 45pm

2 = 13: 00pm

3 = 13: 15pm

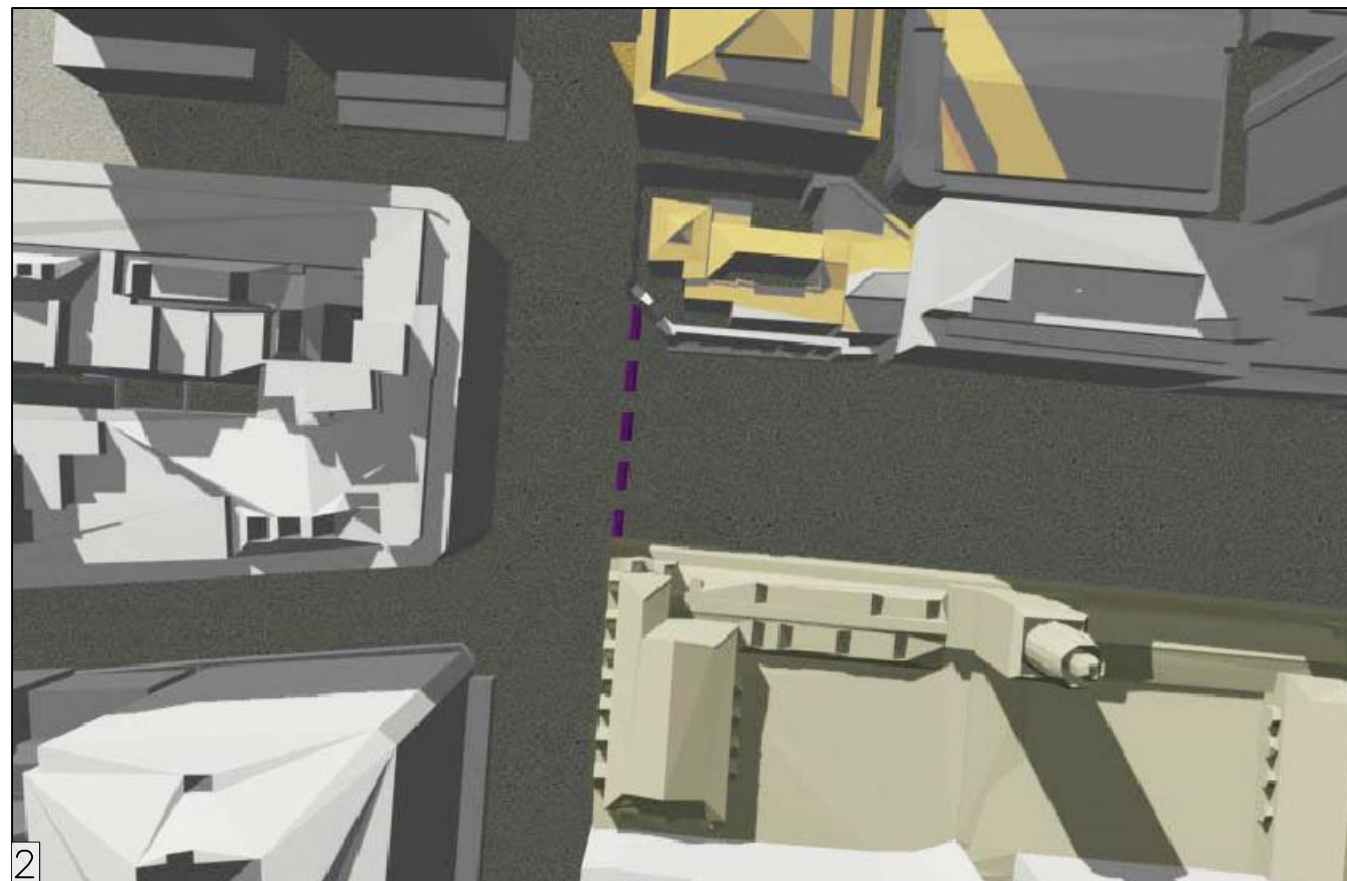
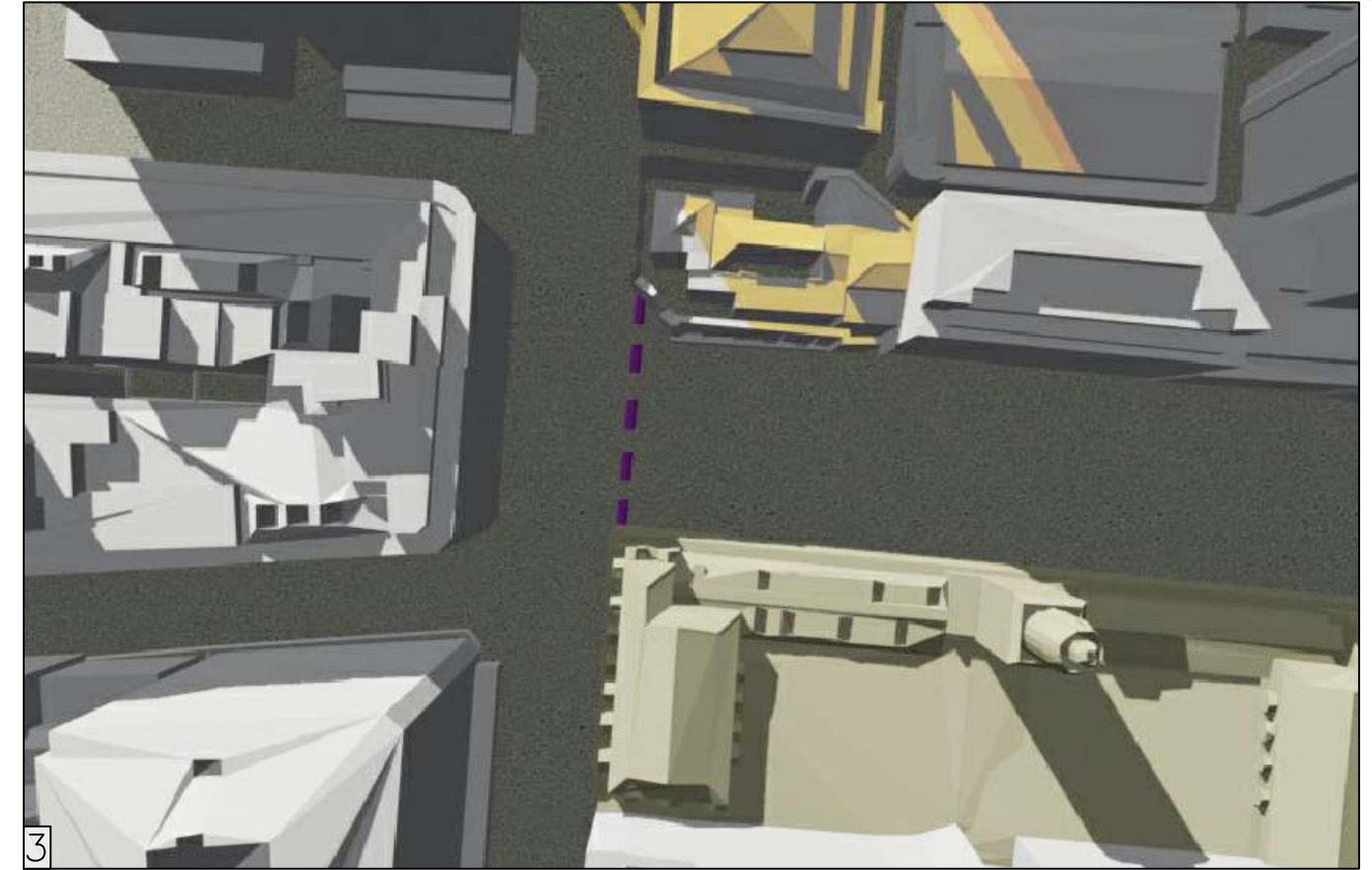
Legend:

- Sun shadow from the CityOne Building (RL: 125m)
- Sun shadow from other buildings
- Martin Place Boundary

## Proposed Design Parameters

- Existing Buildings Modelled from photogrammetry
- Proposed 3D Building Models received from:  
3D Architectural Imaging  
Data ref: detail model.max  
Dated: March 2009
- Existing Natural surface shown modelled from LiDAR and photogrammetry.
- Proposed shadow envelope and angle derived from survey calculations based on Martin Place shadow definition
- Shadow Plans are diagrammatic representations of survey calculations for Martin Place Shadow Definition at 1245hrs, 1300hrs and 1315hrs at the Winter Solstice
- Diagrammatic representations for all other times are software generated and not based on survey calculations





21 June 2010

1 = 13:30pm

2 = 13:45pm

3 = 14:00pm

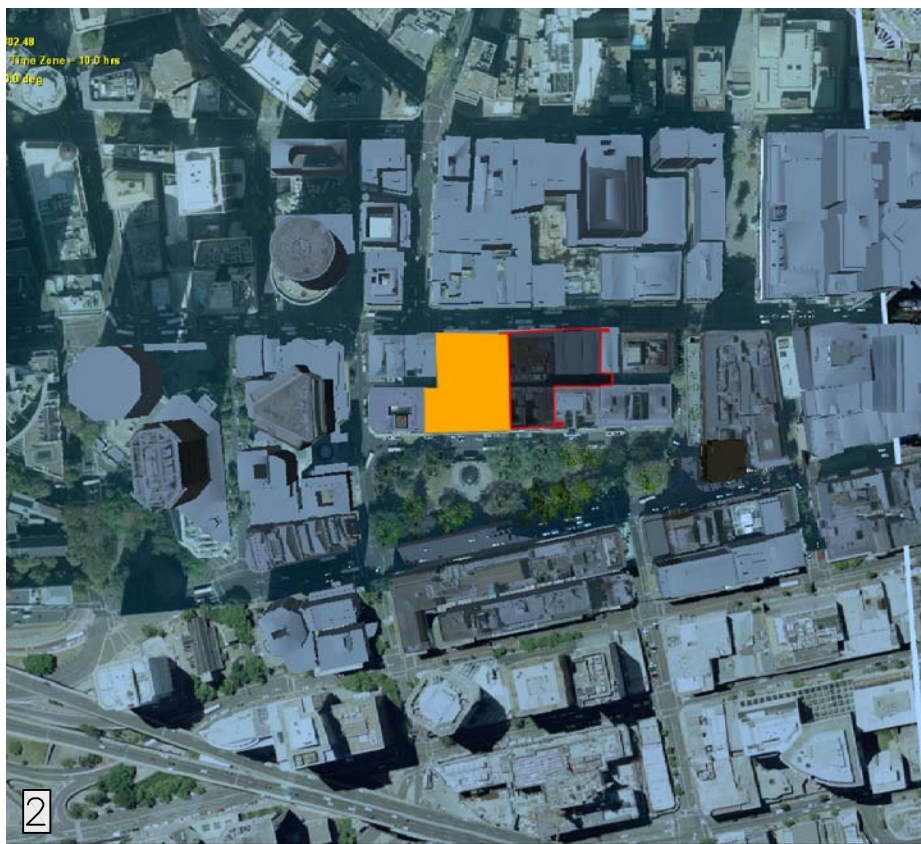
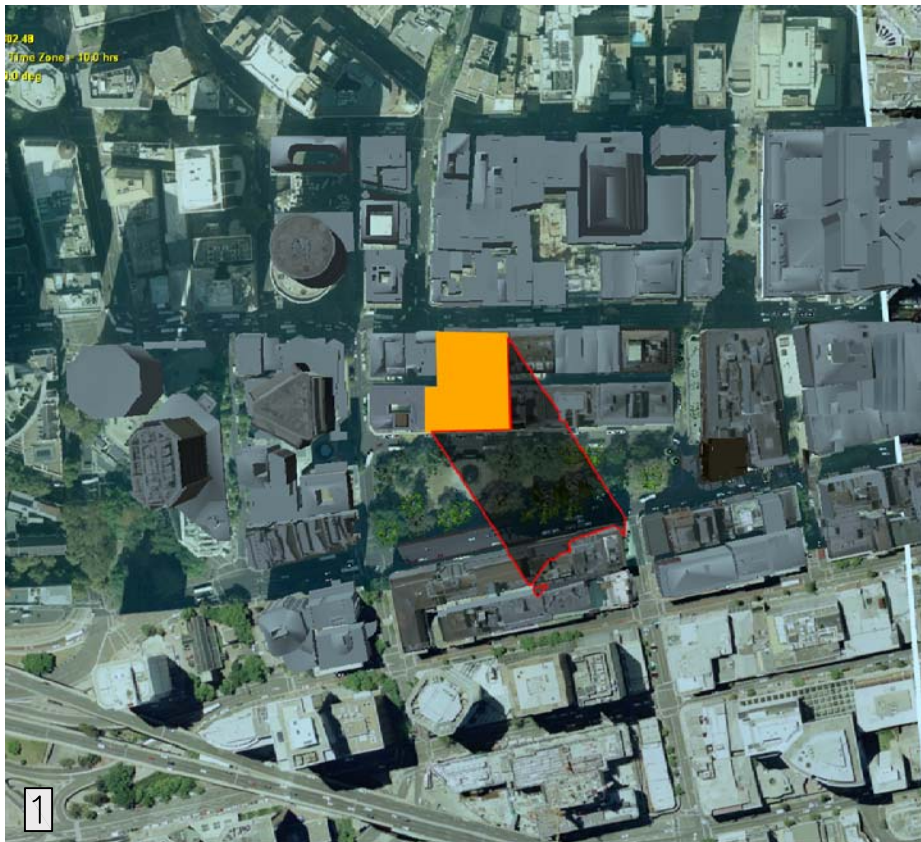
Legend:

- Sun shadow from the CityOne Building (RL: 125m)
- Sun shadow from other buildings
- Martin Place Boundary

## Proposed Design Parameters

- Existing Buildings Modelled from photogrammetry
- Proposed 3D Building Models received from:  
3D Architectural Imaging  
Data ref: detail model.max  
Dated: March 2009
- Existing Natural surface shown modelled from LiDAR and photogrammetry.
- Proposed shadow envelope and angle derived from survey calculations based on Martin Place shadow definition
- Shadow Plans are diagrammatic representations of survey calculations for Martin Place Shadow Definition at 1330hrs, 1345hrs and 1400hrs at the Winter Solstice
- Diagrammatic representations for all other times are software generated and not based on survey calculations





21 March 2010

1 = 09:00 am

2 = 12:00 pm

3 = 03:00 pm

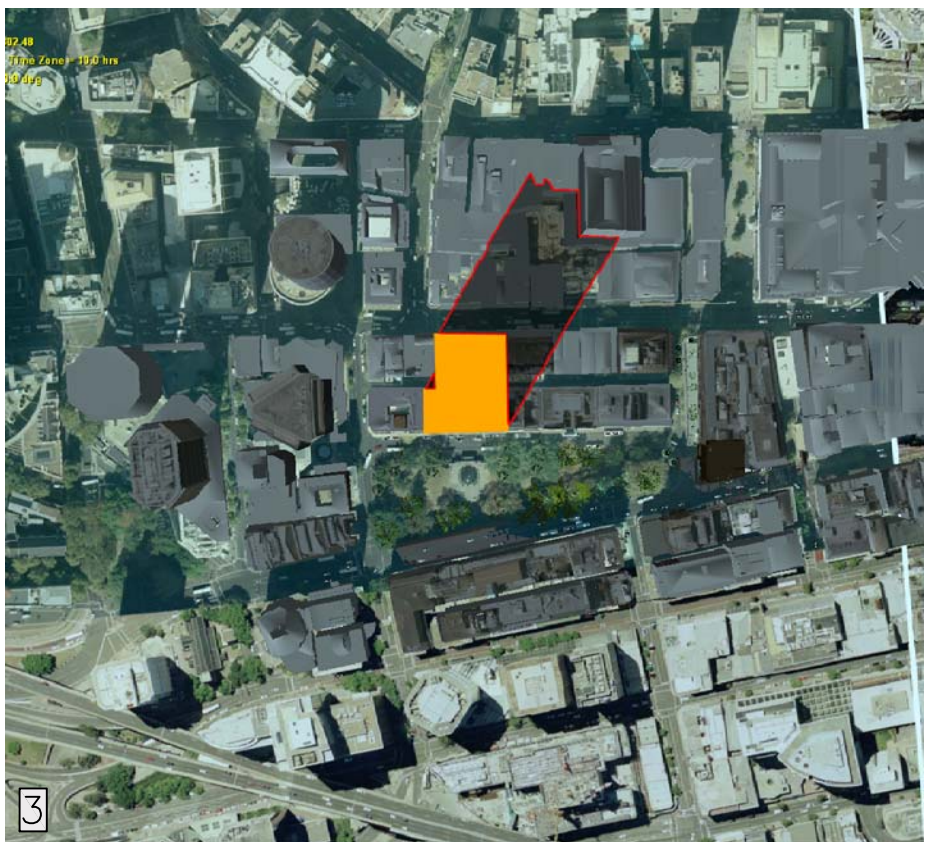
Legend

- Development Site
- Shadow Extent

Proposed Design Parameters

- Existing buildings modelled from photogrammetry and are indicative only.
- Proposed 3D building models received from:
  - 3D architectural imaging
  - Data ref: detail model.max
  - Dated: March 2009
- Existing natural surface shown modelled from LiDAR and photogrammetry.
- Diagrammatic representations are software generated and not based on survey calculations.





14 April 2010

1 = 09:00 am

2 = 12:00 pm

3 = 03:00 pm

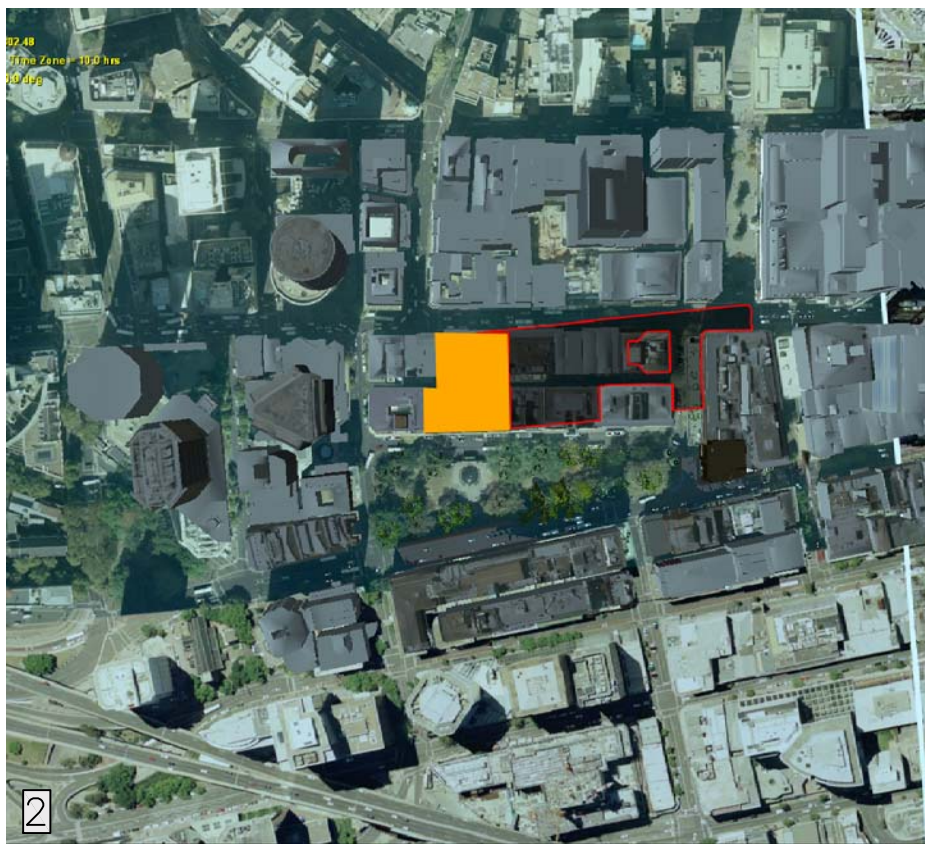
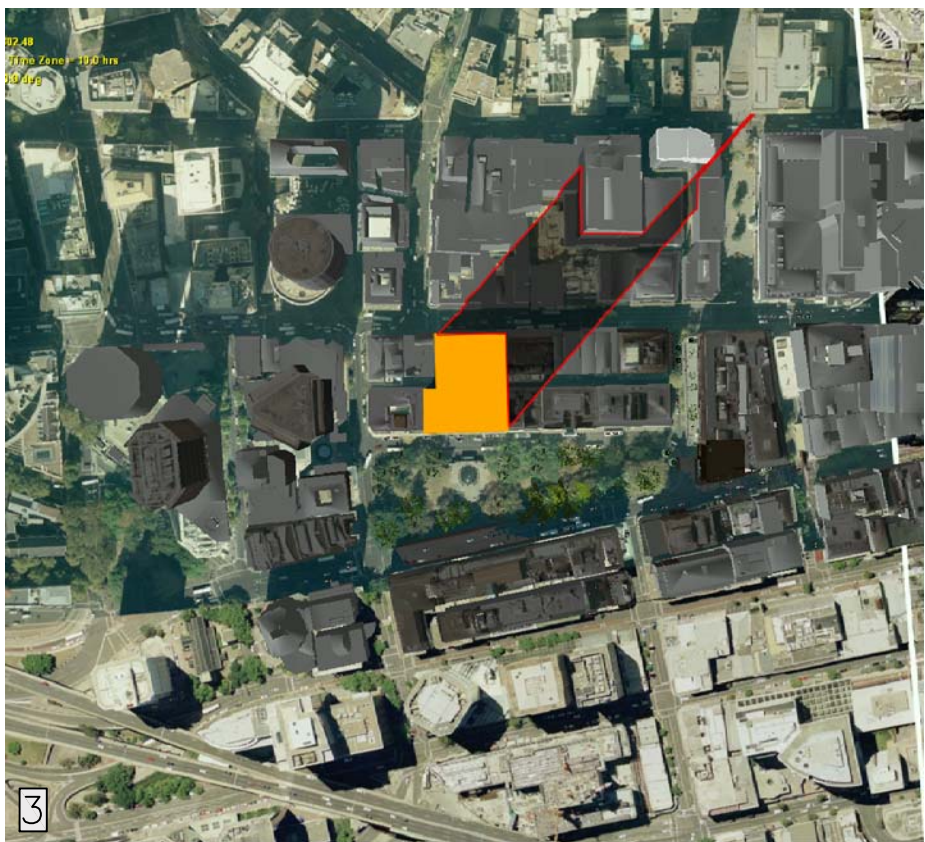
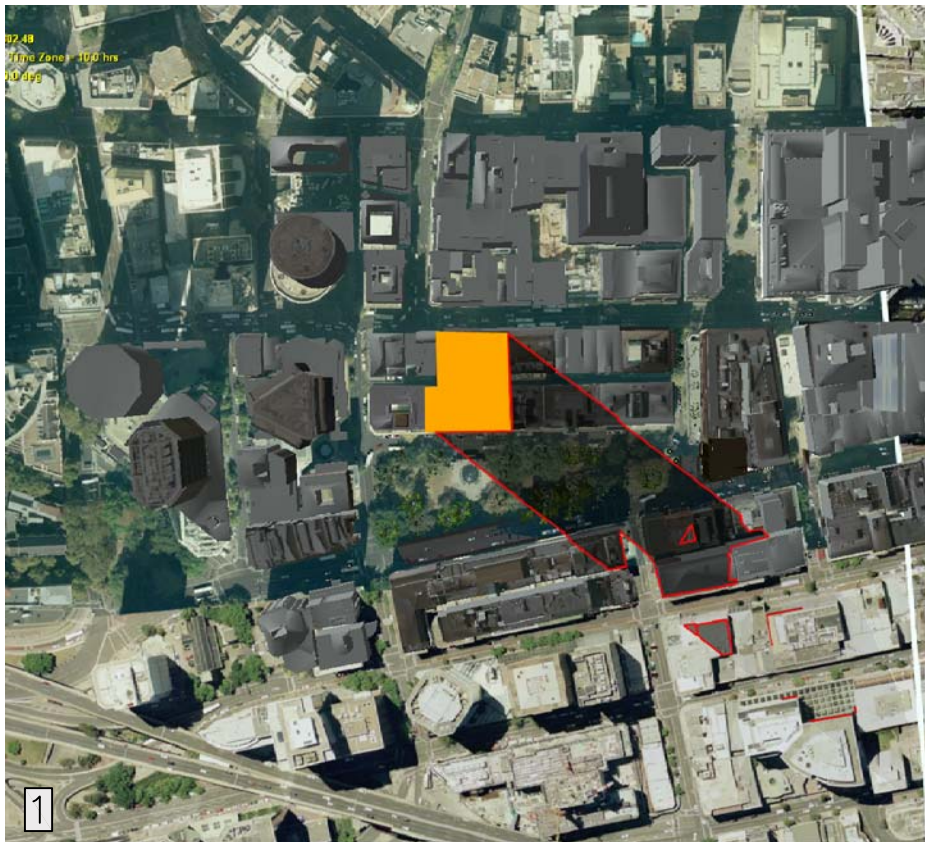
Legend

- Development Site
- Shadow Extent

Proposed Design Parameters

- Existing buildings modelled from photogrammetry and are indicative only.
- Proposed 3D building models received from:
  - 3D architectural imaging
  - Data ref: detail model.max
  - Dated: March 2009
- Existing natural surface shown modelled from LiDAR and photogrammetry.
- Diagrammatic representations are software generated and not based on survey calculations.





21 June 2010

1= 09:00 am

2= 12:00 pm

3= 03:00 pm

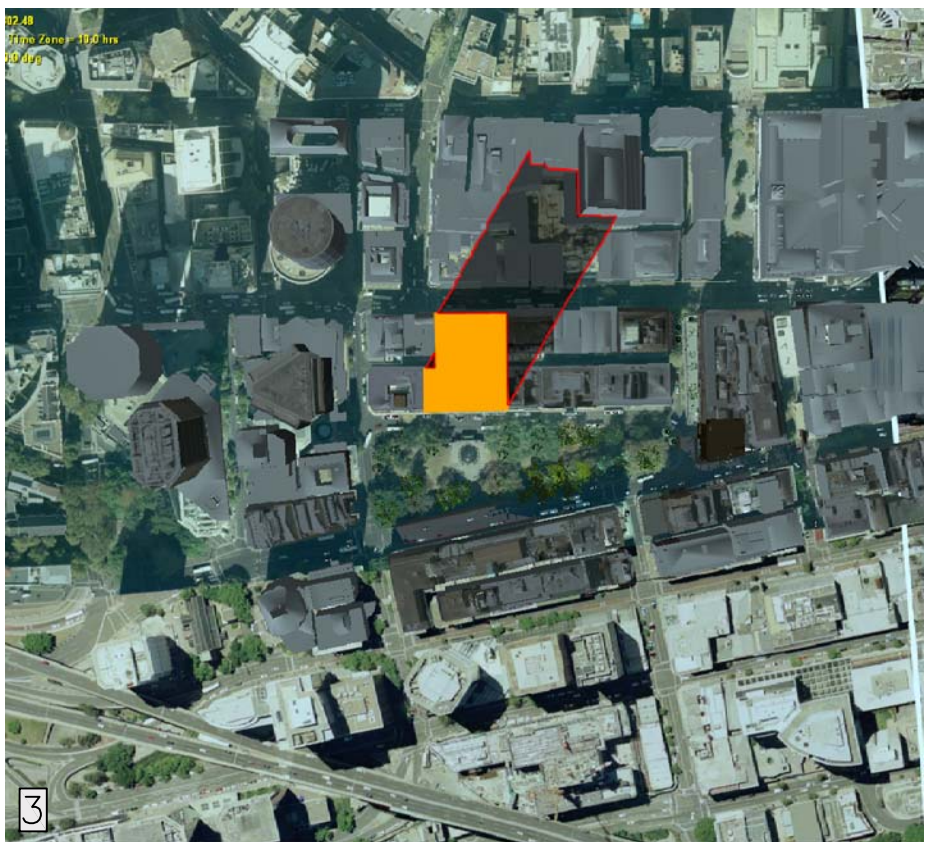
### Proposed Design Parameters

- Existing buildings modelled from photogrammetry and are indicative only.
- Proposed 3D building models received from:  
3D architectural imaging  
Data ref: detail model.max  
Dated: March 2009
- Existing natural surface shown modelled from LiDAR and photogrammetry.
- Diagrammatic representations are software generated and not based on survey calculations.

#### Legend

- Development Site
- Shadow Extent





31 August 2010

1= 09:00 am

2= 12:00 pm

3= 03:00 pm

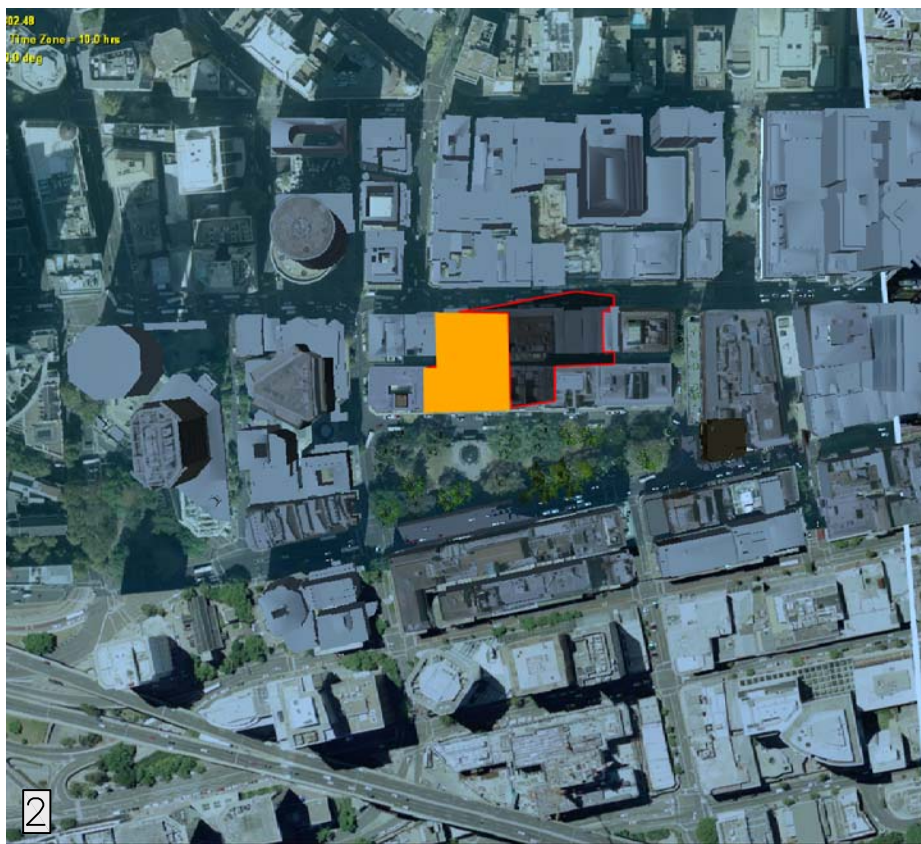
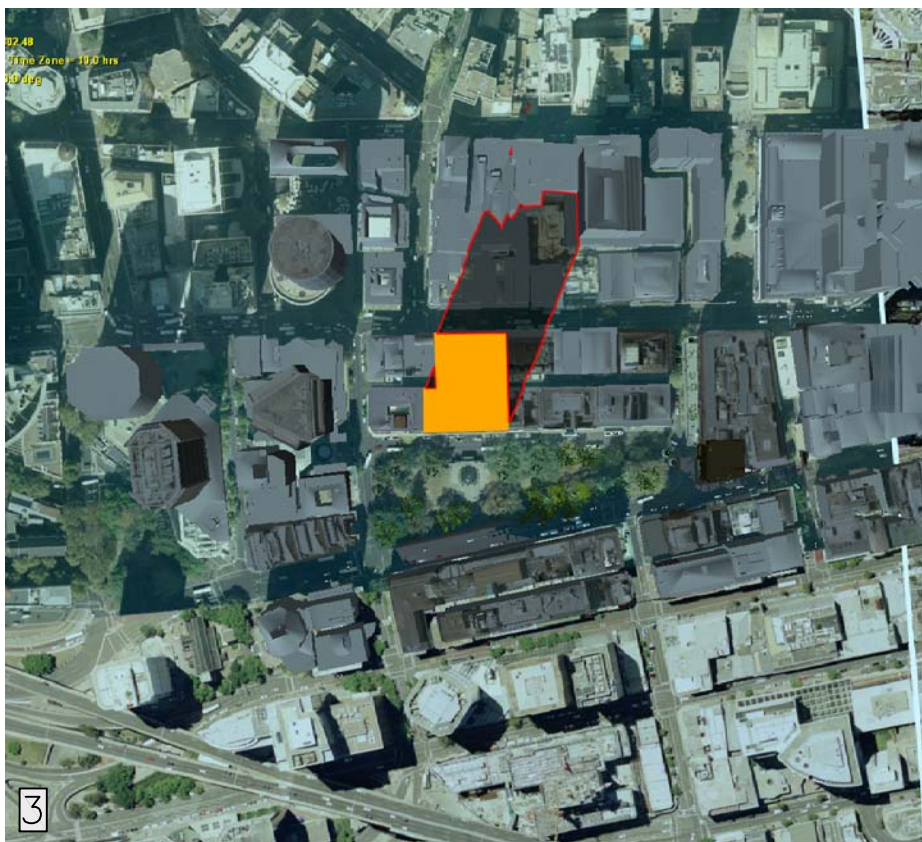
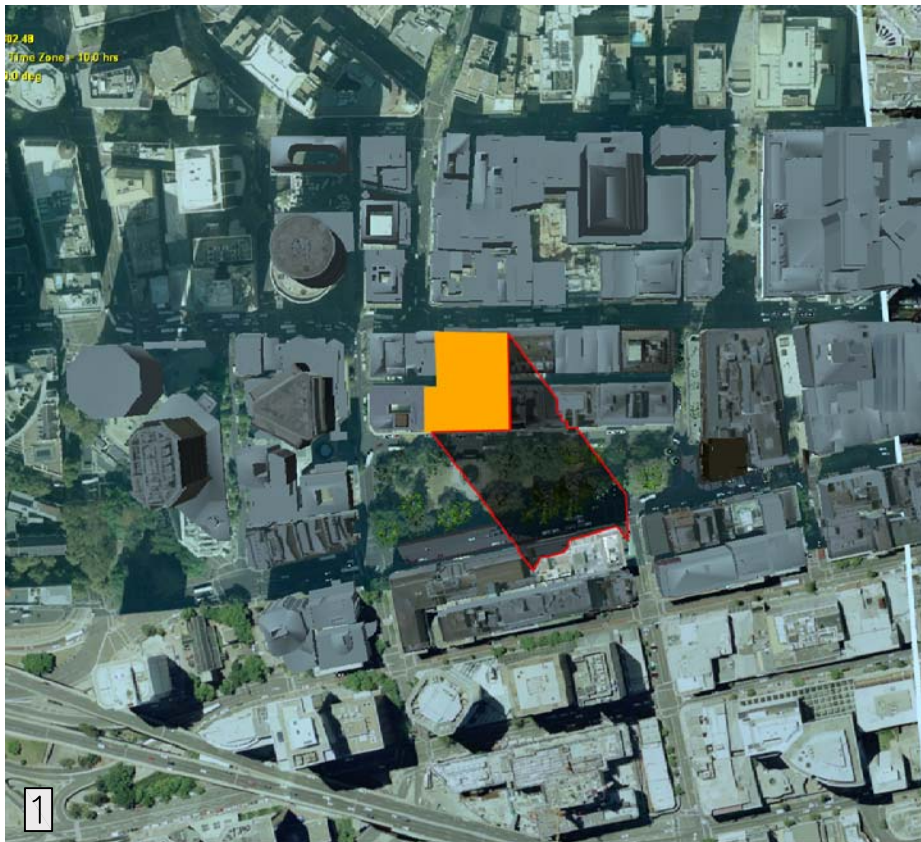
### Proposed Design Parameters

- Existing buildings modelled from photogrammetry and are indicative only.
- Proposed 3D building models received from:  
3D architectural imaging  
Data ref: detail model.max  
Dated: March 2009
- Existing natural surface shown modelled from LiDAR and photogrammetry.
- Diagrammatic representations are software generated and not based on survey calculations.

#### Legend

- Development Site
- Shadow Extent





21 September 2010

1= 09:00 am

2= 12:00 pm

3= 03:00 pm

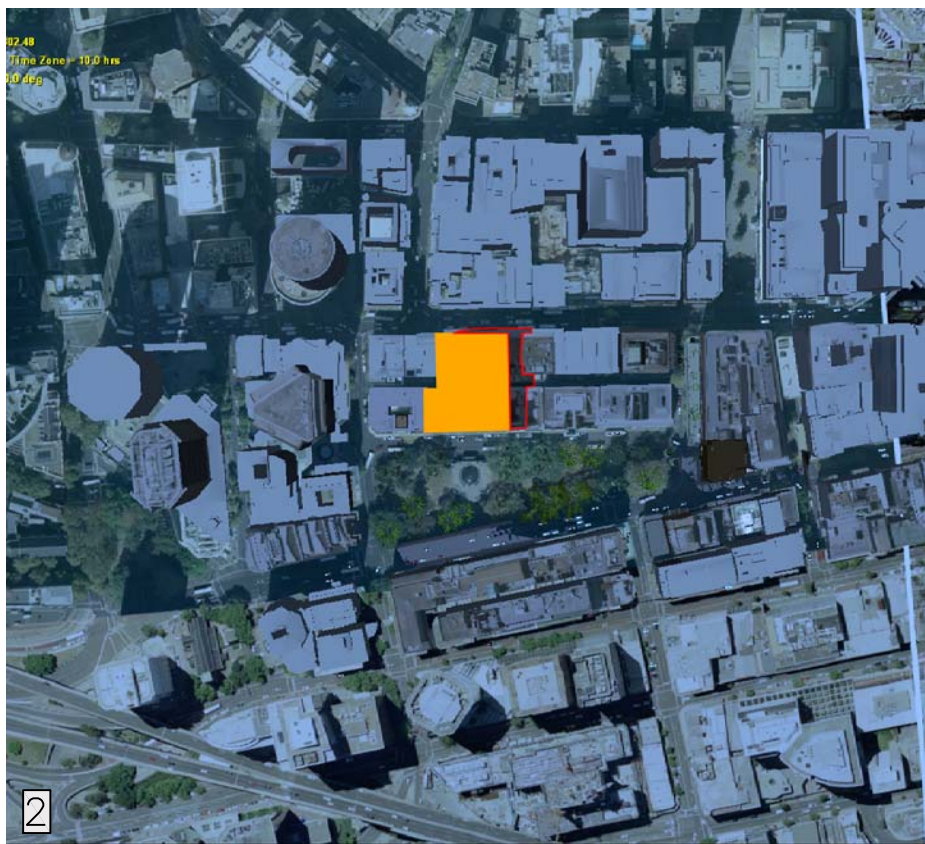
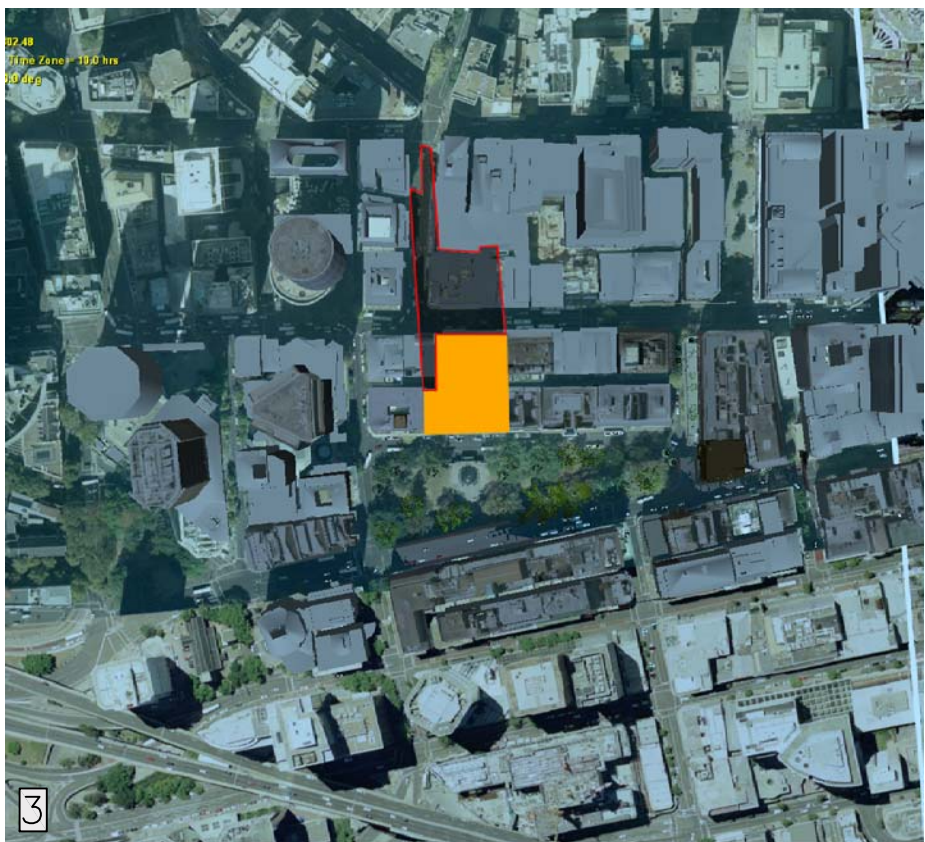
Legend

- Development Site
- Shadow Extent

Proposed Design Parameters

- Existing buildings modelled from photogrammetry and are indicative only.
- Proposed 3D building models received from:
  - 3D architectural imaging
  - Data ref: detail model.max
  - Dated: March 2009
- Existing natural surface shown modelled from LiDAR and photogrammetry.
- Diagrammatic representations are software generated and not based on survey calculations.





21 December 2010

1 = 09:00 am

2 = 12:00 pm

3 = 03:00 pm

Legend

- Development Site
- Shadow Extent

Proposed Design Parameters

- Existing buildings modelled from photogrammetry and are indicative only.
- Proposed 3D building models received from:
  - 3D architectural imaging
  - Data ref: detail model.max
  - Dated: March 2009
- Existing natural surface shown modelled from LiDAR and photogrammetry.
- Diagrammatic representations are software generated and not based on survey calculations.