

Solar Impact Assessment Summary 100 Mount Street, North Sydney

Project Information

Project:	100 Mount Street, North Sydney	
Site Address:	100 Mount Street, North Sydney	
Date:	25/03/2009	
File Ref:	4151	
Client:	Laing O'Rourke	
Statutory Address:	Lot:	DP:
Date:	15/03/2009	
Co-ordinate system name:	Integrated Survey Grid (ISG)	
Orientation:	True North	
Level Datum	Australian Height Datum	

Process Parameters

Geographic Co-ordinates:	Long (DMS)	151° 12' 26'
	Lat (DMS)	-33° -50' 26'
Average Height above Sea Level	70 metres	
Base year for solar analysis:	2006	
Solar Parameters Source:	NOAA Surface Radiation Research Branch	
Offset to UTC	UTC +10	
Correction for Daylight Saving Time	No	
Solar Verification Procedure:	Comparative inspection	
Proposed Development Model Config	3D DXF	
PD Model Source:	Rice Daubney Architects	
Existing Environment Model:	PSN Matter North Sydney Digital Model	
Existing Model Data Source:	Leica Aerial Camera System linked to Ground Survey	
	Ground Survey - SCIMS Based Control 2nd and 3rd Order	
	Australian Navy 1st order GPS Verification	
	Leica HDS Laser Scanning linked to ground control	
	British Aerospace Socet Set Rectified Aerial Photo Overlay	

Note: This analysis is based upon received drawings and/or digital information

Assessment Parameters

Assessment Dates:	Summer Solstice - December 21st
	Winter Solstice - June 21st
	Autumn Equinox - March 21st
	Spring Equinox - September 21st
Assessment Times:	9AM Eastern Standard Time
	12pm Eastern Standard Time
	3PM Eastern Standard Time
Base year for solar analysis:	2006
Correction for Daylight Saving Time	No
Offset to UTC	UTC +10
Correction for Daylight Saving Time	No