

Grant Robinson PROPERTY SERVICES

Common Room Sun Study

75 Castlereagh Street
Penrith


Demolition of existing residence and the Construction of a 12 Bedroom New Generation Boarding house.

By Grant Robinson
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This document is sun study on the common room for the proposed development at 75 Castlereagh Street Penrith. In accordance with the State Government AHSEPP New Generation Boarding Houses must receive a minimum of 3 hours of direct sunlight between 9am and 3pm in mid winter. To show the proposed common room does receive 3 hours of sunlight a 3D model has been created. The computer modelling accurately shows where in the common room the sunlight will land. To ensure accurate modelling the neighbouring house and fence has been modelled in accordance with the survey by John MacDonald Group. The date used for the modelling was the 22nd of June. The site has been located as follows.

Project Location

Project Name:	Castlereigh	Edit...
Site Full Address:	75 Castlereagh Street Penrith NSW	Edit...
Latitude:	33.75908333° S	Cities...
Longitude:	150.69480556° E	Import...
Time Zone (UTC):	(UTC+10:00) Australian Eastern Stan...	Export...
Altitude (Sea Level):	28.00 m	
Project North:	125.77°	



The images have been taken at half hour increments from 8.30am through to 1pm showing four and a half hours of direct sunlight reaching the common room therefore the design complies with requirement of the SEPP.

8.30am



9.00am



9.30am



10.00am



10.30am



11.00am



11.30am



12.00 Noon



12.30pm



1.00pm

