

Solar Access View\_9am



Solar Access View\_11am

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NOTES







Solar Access View\_12pm

Rev	Date	Approved by	Revision Notes
N	29/05/17	DS	Issue for Consultant Coordination
Р	02/06/17	DS	Issue for DA Submission - Client Approva
R	07/06/17	DS	Issue for DA Submission - DRP
S	09/06/17	DS	Issue for DA Submission - DoP

oject Title	
ol James - Student Accommodation	
3-123 Eveleigh Street Redfern NSW 2016 Australia	

Project No. Scale NTS Dwg No. Status **Development Application** 

16107 DA-710-010

Drawn by CB Rev

Building Amenity Solar Access Views\_Winter Solstice\_9am, 10am, 11am, 12ph**TURNER** 



Solar Access View\_1pm



Solar Access View\_3pm

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NOTES



Solar Access View\_2pm

Date Approved by Revision Notes Rev 29/05/17 DS Ν 02/06/17 DS R 07/06/17 DS S 09/06/17 DS

Project Title **Col James - Student Accommodation** 83-123 Eveleigh Street Redfern NSW 2016 Australia

Project No. Scale Drawn by \_\_\_\_\_\_CB \_\_\_\_\_\_Rev NTS 16107 Dwg No. Status DA-710-020 Development Application

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#### Level 01

Total Indoor Communal Living Areas : 29m<sup>2</sup>

#### Legend

	Indoor Communal Living Area
*	Receives min 2hrs solar access to at least 50% of the windows during 9am to 3pm on 21 June
	Communal Outdoor Open Space
*	Receives min 2hrs solar access to at least 50% of the area during 9am to 3pm on 21 June
	Public Outdoor Open Space
*	Receives min 2hrs solar access to at least 50% of the area during 9am to 3pm on 21 June

Aboriginal Housing Company

CLIENT

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NOTES



## Upper Ground



Total Communal Outdoor Open Space : 288m<sup>2</sup>





#### Level 02

Total Indoor Communal Living Areas : 23m<sup>2</sup>

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Ν	29/05/17	DS	Issue for Consultant Coordination
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S	09/06/17	DS	Issue for DA Submission - DoP





With Solar Access : 75m<sup>2</sup>

With Solar Access : 288m<sup>2</sup>

Inaccessible (exept for maintenance) 



With Solar Access : 23m<sup>2</sup>

Project Title **Col James - Student Accommodation** 83-123 Eveleigh Street Redfern NSW 2016 Australia

Scale Project No. Drawn by North NTS 16107 Dwg No. Status DA-720-010 Development Application

Building Amenity Communal Space Diagrams\_Lower Ground - Level 2

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## Level 18, 19, 20

Total Indoor Communal Living Areas : 22m<sup>2</sup> (Typical Level)

With Solar Access : 22m<sup>2</sup> (Typical Level)

#### Legend

	Indoor Communal Living Area
*	Receives min 2hrs solar access to at least 50% of the windows during 9am to 3pm on 21 June
	Communal Outdoor Open Space
*	Receives min 2hrs solar access to at least 50% of the area during 9am to 3pm on 21 June
	Public Outdoor Open Space
*	Receives min 2hrs solar access to at least 50% of the area during 9am to 3pm on 21 June

Aboriginal Housing Company

CLIENT

83-123 Eveleigh Street Redfern NSW 2016 Australia

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NOTES



Level 17



#### Level 21



Total Indoor Communal Living Areas : 25m<sup>2</sup>

Total Communal Outdoor Open Space : 195m<sup>2</sup>

# TOTALS

Total Indoor Communal Living Areas : with solar access :

Total Communal Outdoor Open Space : with solar access :

Total Communal Space (Indoor & Outdoor)

#### Total Public Outdoor Open Space :

#### with solar access :

Rev	Date	Approved by	Revision Notes	Project Title
N	29/05/17	DS	Issue for Consultant Coordination	Col Jam
Р	02/06/17	DS	Issue for DA Submission - Client Approval	83-123 E
R	07/06/17	DS	Issue for DA Submission - DRP	
S	09/06/17	DS	Issue for DA Submission - DoP	Drawing Title
				Buildina

Drawing Title



With Solar Access : 25m<sup>2</sup>

With Solar Access : 195m<sup>2</sup>

	682m <sup>2</sup>	
	434m <sup>2</sup>	
	535m <sup>2</sup>	
	535m <sup>2</sup>	
:	1217m <sup>2</sup>	(2m² / resident)
	288m <sup>2</sup>	
	288m <sup>2</sup>	

**Col James - Student Accommodation** 83-123 Eveleigh Street Redfern NSW 2016 Australia

Scale Project No. Drawn by North NTS CB Rev 16107 Dwg No. Status DA-720-020 **Development Application** 

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#### Lower Ground

GFA 745 m<sup>2</sup>

### Level 01

GFA 1,070 m<sup>2</sup>

Area included in GFA :

Definition: "gross floor area" means the sum of the floor area of each floor of a building measured from the internal face of external walls, or from the internal face of walls separating the building from any other building, measured at a height of 1.4 metres above the floor, and includes: (a) the area of a mezzanine, and

(b) habitable rooms in a basement or an attic, and

(c) any shop, auditorium, cinema, and the like, in a basement or attic,

but excludes:

(d) any area for common vertical circulation, such as lifts and stairs, and (e) any basement:

(i) storage, and

(ii) vehicular access, loading areas, garbage and services, and

(f) plant rooms, lift towers and other areas used exclusively for mechanical services or ducting, and (g) car parking to meet any requirements of the consent authority (including access

to that car parking), and (h) any space used for the loading or unloading of goods (including access to it), and (i) terraces and balconies with outer walls less than 1.4 metres high, and

(j) voids above a floor at the level of a storey or storey above.



Upper Ground

GFA 1,115 m<sup>2</sup>





Level 02

GFA 950 m<sup>2</sup>

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Project Title **Col James - Student Accommodation** 83-123 Eveleigh Street Redfern NSW 2016 Australia Scale Project No. Drawn by NTS 16107 CB Rev Dwg No. Status DA-740-010 Development Application

GFA Diagrams GFA Diagrams\_ Lower Ground - Level 2

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### Level 03, 06

GFA 950 m<sup>2</sup>

### Level 07

GFA 865 m<sup>2</sup>

Area included in GFA :

Definition: "gross floor area" means the sum of the floor area of each floor of a building measured from the internal face of external walls, or from the internal face of walls separating the building from any other building, measured at a height of 1.4 metres above the floor, and includes: (a) the area of a mezzanine, and

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to that car parking), and (h) any space used for the loading or unloading of goods (including access to it), and (i) terraces and balconies with outer walls less than 1.4 metres high, and (j) voids above a floor at the level of a storey or storey above.



Level 04, 05

GFA 945 m<sup>2</sup>





Level 08, 09

GFA 640 m<sup>2</sup>

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S	09/06/17	DS	Issue for DA Submission - DoP

Project Title **Col James - Student Accommodation** 83-123 Eveleigh Street Redfern NSW 2016 Australia Scale Project No. Drawn by North NTS 16107 Dwg No. Status DA-740-020 Development Application

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### Level 10 - 16

GFA 645 m<sup>2</sup>



#### Level 18, 19, 20

GFA 480 m<sup>2</sup>

Area included in GFA :

Definition: "gross floor area" means the sum of the floor area of each floor of a building measured from the internal face of external walls, or from the internal face of walls separating the building from any other building, measured at a height of 1.4 metres above the floor, and includes: (a) the area of a mezzanine, and

(b) habitable rooms in a basement or an attic, and

(c) any shop, auditorium, cinema, and the like, in a basement or attic,

but excludes:

(d) any area for common vertical circulation, such as lifts and stairs, and (e) any basement:

(i) storage, and

(ii) vehicular access, loading areas, garbage and services, and

(f) plant rooms, lift towers and other areas used exclusively for mechanical services or ducting, and (g) car parking to meet any requirements of the consent authority (including access

to that car parking), and (h) any space used for the loading or unloading of goods (including access to it), and (i) terraces and balconies with outer walls less than 1.4 metres high, and

(j) voids above a floor at the level of a storey or storey above.



Level 17

GFA 480 m<sup>2</sup>







#### **GFA** Calculation

Level	GFA (m²)		
Lower Ground	745	Level 11	645
Upper Ground	1,115	Level 12	645
Level 01	1,070	Level 12	645
Level 02	950		
Level 03	950	Level 14	645
Level 04	945	Level 15	645
Level 05	945	Level 16	645
Level 06	950	Level 17	480
Level 07		Level 18	480
	845	Level 19	480
Level 08	645	Level 20	480
Level 09	645	Level 21	270
Level 10	645		
		TOTAL	16,530 m <sup>2</sup>

Project Title Col James - Student Accommodation 83-123 Eveleigh Street Redfern NSW 2016 Australia

Scale	Project No.		Drawn by	North
NTS		16107	CB	
Status	Dwg No.		Rev	
<b>Development Application</b>		DA-740-030	S	

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**Aboriginal Housing Company** 83-123 Eveleigh Street Redfern NSW 2016 Australia

NOTES

Extent of shadow reduction from existing SEARs Extend of shadow increase from proposed SEARs

Project Title

**Col James - Student Accommodation** 83-123 Eveleigh Street Redfern NSW 2016 Australia

Project No.

Drawn by

North

Shadow Diagrams Shadow Diagram Plans\_9am & 10am

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Scale

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Project Title **Col James - Student Accommodation** 83-123 Eveleigh Street Redfern NSW 2016 Australia

Scale

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DA-851-020

16107

Project No.

Drawn by

CB Rev



NOTES



Winter Solstice\_2pm

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Scale	Project No.		Drawn by	North
NTS Status	Dwg No.	16107	CB Rev	
Development Application		DA-851-030	S	
	NTS Status	NTS	NTS 16107 Status Dwg No.	NTS16107CBStatusDwg No.Rev

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Rev Date Approved by Revision Notes 29/05/17 DS Issue for Consultant Coordination Ν Issue for DA Submission - Client Approval Р 02/06/17 DS R 07/06/17 DS Issue for DA Submission - DRP S 09/06/17 DS Issue for DA Submission - DoP

Project Title

**Col James - Student Accommodation** 83-123 Eveleigh Street Redfern NSW 2016 Australia

NTS 16107 Dwg No. Status DA-851-040 Development Application

Project No.

CB Rev

Drawn by North

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Scale



Axonometric Shadow Diagram\_Winter Solstice\_9am



Axonometric Shadow Diagram\_Winter Solstice\_11am

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Axonometric Shadow Diagram\_Winter Solstice\_12pm

Rev	Date	Approved by	Revision Notes
N	29/05/17	DS	Issue for Consultant Coordination
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Project Title **Col James - Student Accommodation** 83-123 Eveleigh Street Redfern NSW 2016 Australia 16107 CB NTS Rev Dwg No. Status DA-852-010 Development Application Drawing Title

Shadow Diagrams Axonometric Shadow Diagrams\_9am, 10am, 11am, 12pm **TURRNER** Level 7 **ONE** Oxford Street Darlinghurst NSW 2010 AUSTRALIA T+61 2 8668 0000 F+61 2 8668 0088 turnerstudio.com.au



Axonometric Shadow Diagram\_Winter Solstice\_1 pm



Axonometric Shadow Diagram\_Winter Solstice\_3 pm

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Axonometric Shadow Diagram\_Winter Solstice\_2 pm



Project Title **Col James - Student Accommodation** 83-123 Eveleigh Street Redfern NSW 2016 Australia

Shadow Diagrams Axonometric Shadow Diagrams\_1pm, 2pm, 3pm

Project No. Scale Drawn by CB Rev NTS 16107 Dwg No. Status Development Application DA-852-020

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