

Revision E - Section 75W Amendments

1. Change of apartment mix from one 3-Bed (C14.01-C22.01) to two 1-Bed (C14.01A-C22.01A & C14.01B-C22.01B).

2. Apartments C14.04-C22.04 & C14.05-C22.05 have been allocated as adaptable units.

Revision	Date	Description	Initial	Checked
E	23/02/12	Section 75W Submission	PL	MD
D	04/11/11	Revised Design following SOPA comments	JC	MD
A	06/04/11	DA Submission	JL	MD

Site 3
Sydney Olympic Park
Plan
Level 19-21

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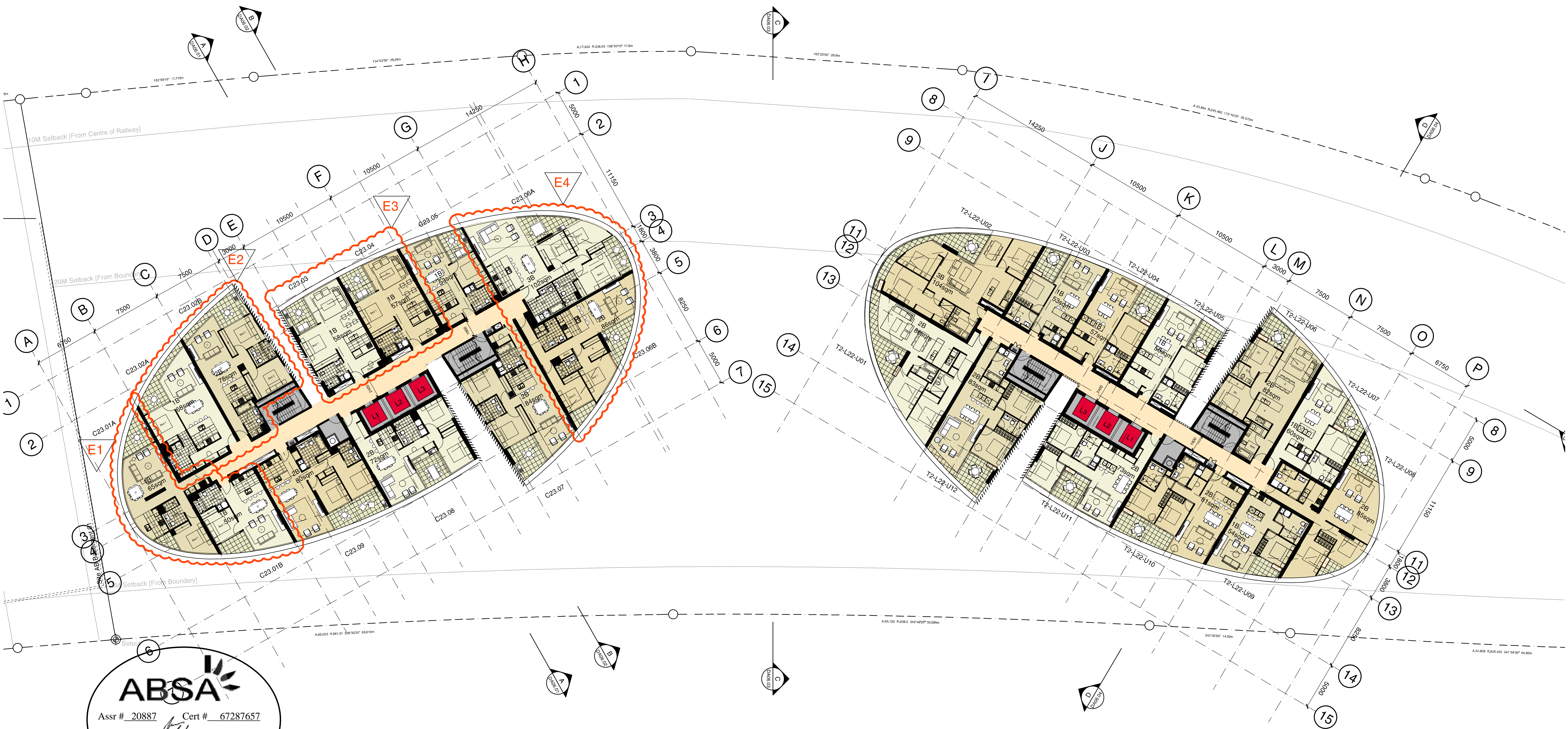
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Drawing No.	DA02.219[E]

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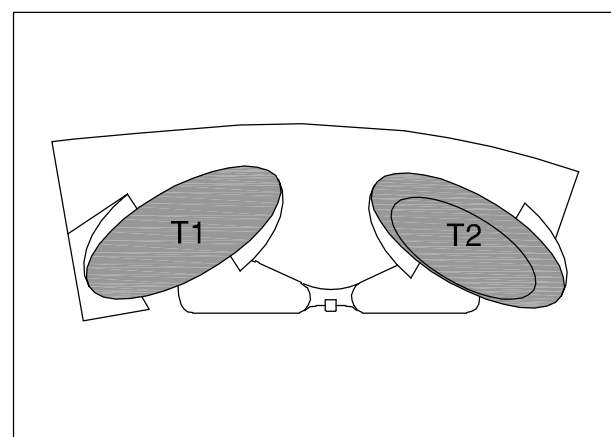
Assr # 20887

Cert # 67287657

Sign

Date

15/03/2012



Revision E - Section 75W Amendments			
1.	Change of apartment mix from one 3-Bed (C23.01) to two 1-Bed (C23.01A & C23.01B).		
2.	Change of apartment mix from one 3-Bed (C23.02) to one 1-Bed (C23.02A) and one 2-Bed (C23.02B).		
3.	Apartments C23.04 & C23.05 have been allocated as adaptable units.		
4.	Change of apartment mix from one 4-Bed (C23.06) to one 2-Bed (C23.06B) and one 3-Bed (C23.06A).		

Revision E - Section 75W Submission			
E	23/02/12	Section 75W Submission	PL MD
D	04/11/11	Revised Design following SOPA comments	JC MD
A	06/04/11	DA Submission	JL MD
Revision	Date	Description	Initial Checked

Site 3
Sydney Olympic Park
Plan
Level 22

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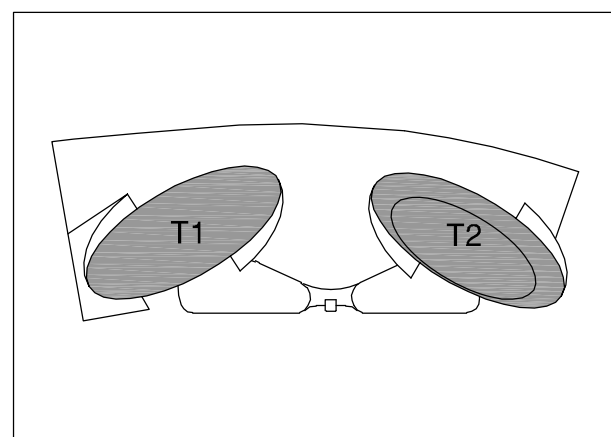
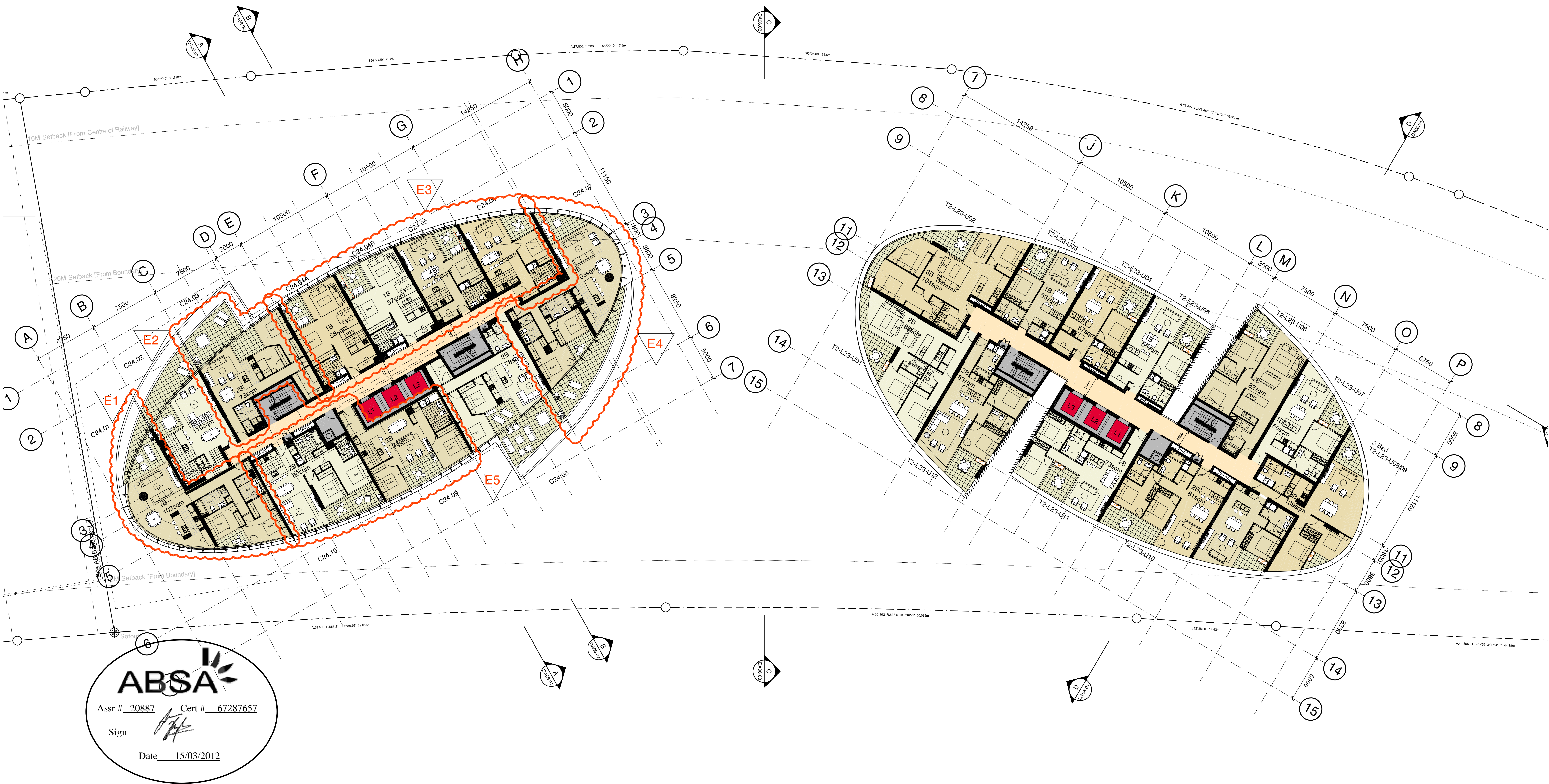
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Drawing No.	(Revision)
DA02.222[E]	

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- Revision E - Section 75W Amendments.
1. One 3-Bed Loft (C25.01) has been modified to one 2-Bed single storey apartment (C24.01).
 2. One 3-Bed Loft (C25.03) has been modified to one 2-Bed single storey apartment (C24.03).
 3. One 2-Bed Loft and two 4-Bed Lofts (C25.04, C25.05 & C25.06) have been modified to four 1-Bed single storey apartments (C24.04A, C24.04B, C24.05 & C24.06), including two units allocated as adaptable units.
 4. One 3-Bed Loft (C25.07) has been modified to one 2-Bed single storey apartment (C24.07).
 5. Change of apartment mix from one 1-Bed and one 3-Bed (C25.09 & C25.10) to two 2-Bed (C24.09 & C24.10).

Revision	Date	Description	Initial	Checked
E	23/02/12	Section 75W Submission	PL	MD
D	04/11/11	Revised Design following SOPA comments	JC	MD
B	09/09/11	Revised DA Issue (Units T2-L23-08 + T2-L23-09 combined)	JC	MD
A	06/04/11	DA Submission	JL	MD

Site 3
Sydney Olympic Park
Plan
Level 23

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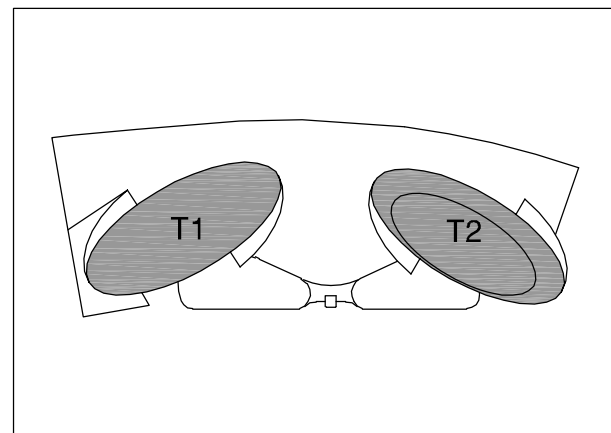
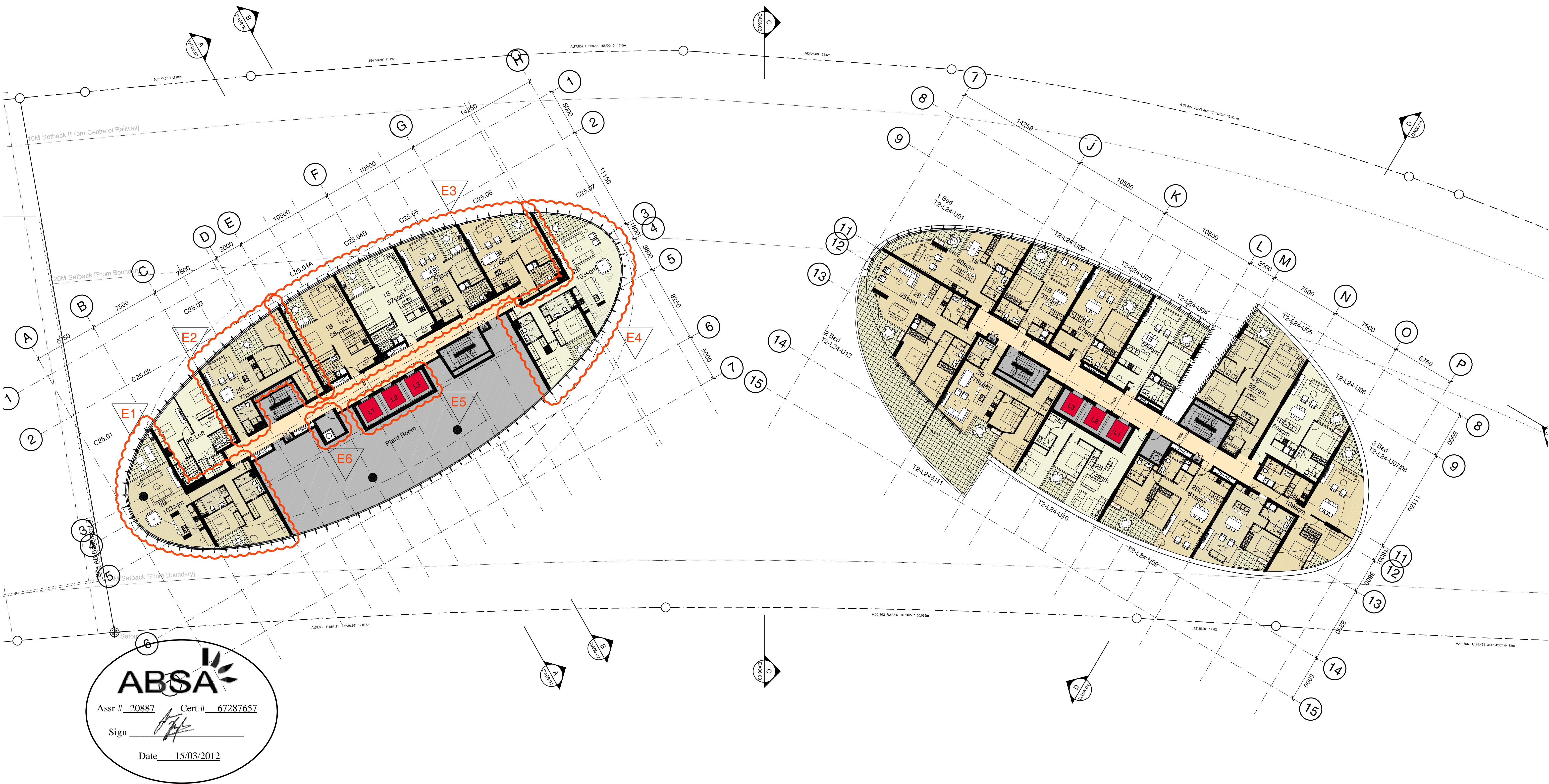
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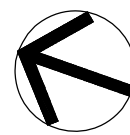


- Revision E - Section 75W Amendments.
1. One 3-Bed Loft (C25.01) has been modified to one 2-Bed single storey apartment (C25.01).
 2. One 3-Bed Loft (C25.03) has been modified to one 2-Bed single storey apartment (C25.03).
 3. One 2-Bed Loft and two 4-Bed Lofts (C25.04, C25.05 & C25.06) have been modified to four 1-Bed single storey apartments (C25.04A, C25.04B, C25.05 & C25.06), including two units allocated as adaptable units.
 4. One 3-Bed Loft (C25.07) has been modified to one 2-Bed single storey apartment (C25.07).
 5. Lift access has been extended to serve Level 24 apartments.
 6. Garbage room has been added to serve Level 24 apartments.

Revision	Date	Description	Initial	Checked
E	23/02/12	Section 75W Submission	PL	MD
D	04/11/11	Revised Design following SOPA comments	JC	MD
B	09/09/11	Revised DA Issue	JC	MD
B		(Units T2-L24-01 Split into two units)		
B		(Units T2-L24-07 + 08 combined into one unit)		
A	06/04/11	DA Submission	JL	MD

Site 3
Sydney Olympic Park
Plan
Level 24

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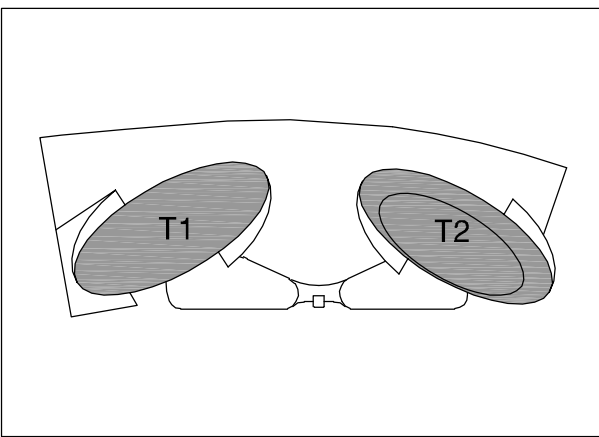
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Drawing No.	DA02.224[E] (Revision)

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Site 3
Sydney Olympic Park
Plan
Level 25-26

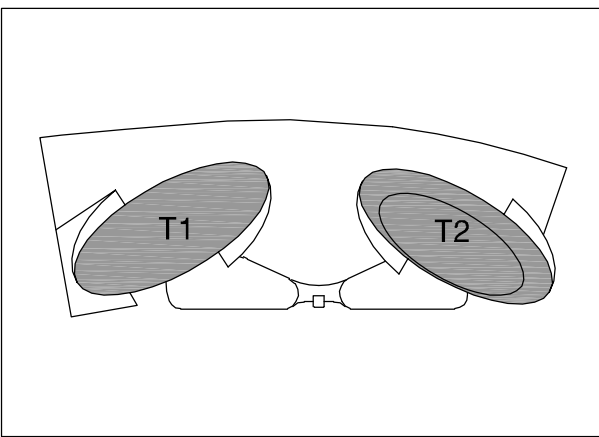
Check all dimensions and site conditions prior to commencement of any work, the purchase or ordering of any materials, things, plant, services or equipment and the preparation of shop drawings and/or the fabrication of any components.
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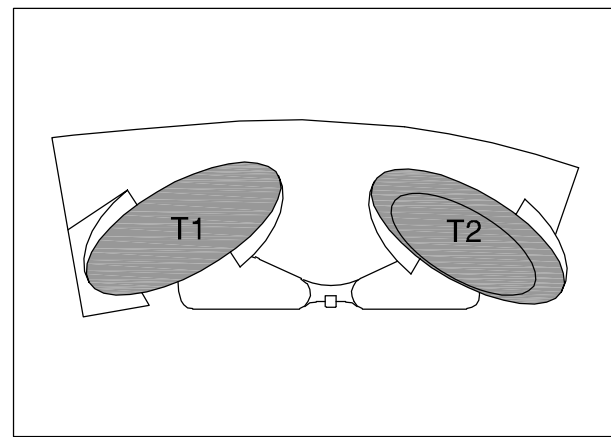
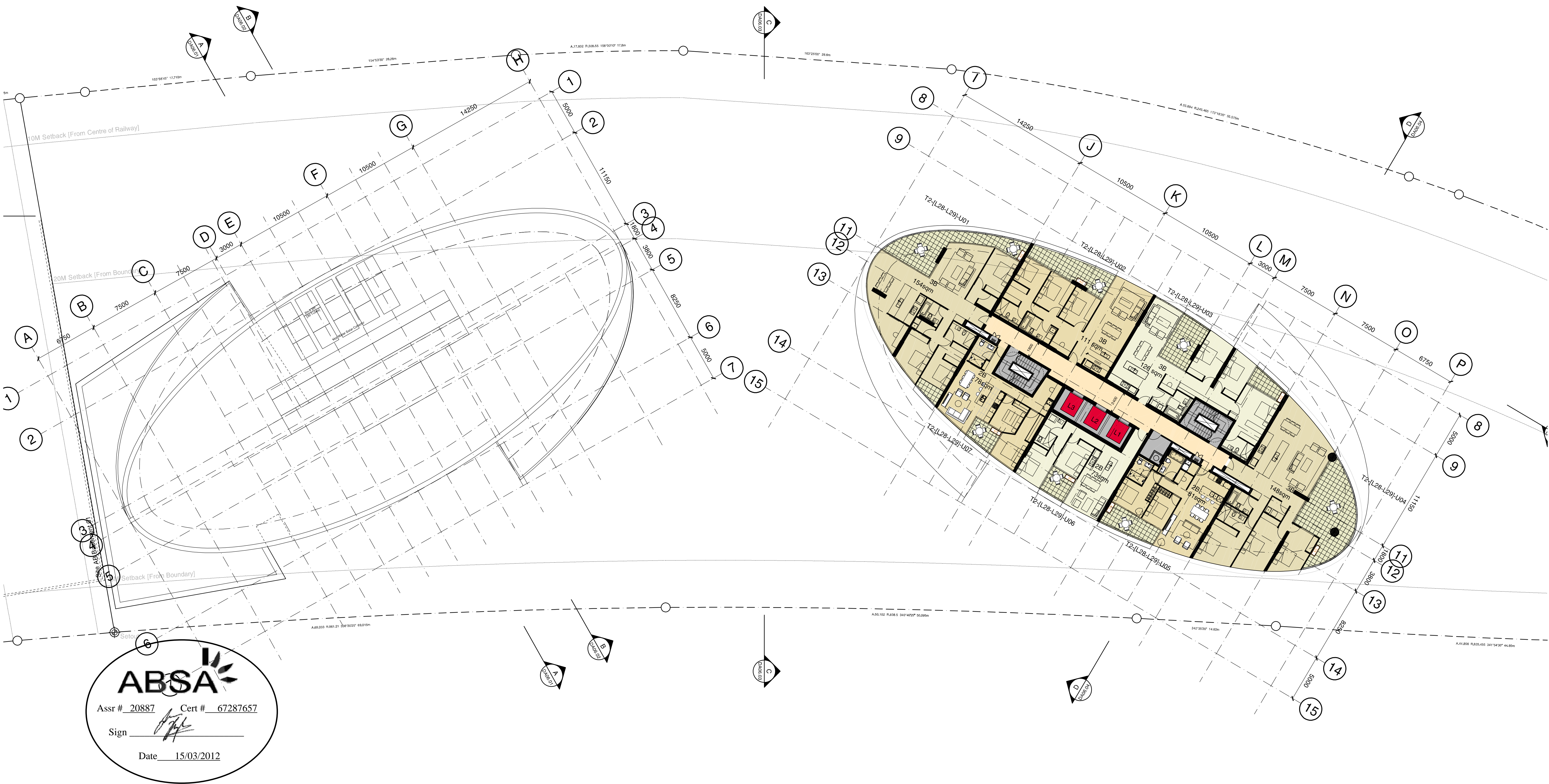


Site 3
Sydney Olympic Park
Plan
Level 27

DA02.227[D]

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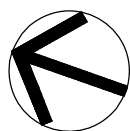
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D	04/11/11	Revised Design following SOFA comments	JC MD
B	09/09/11	Revised DA Issue	JC MD
B		Unit T2-[L28-L29]-03 Layout Updated	
A	06/04/11	DA Submission	JL MD
Revision	Date	Description	Initial Checked

Site 3
Sydney Olympic Park
Plan
Level 28 - 29

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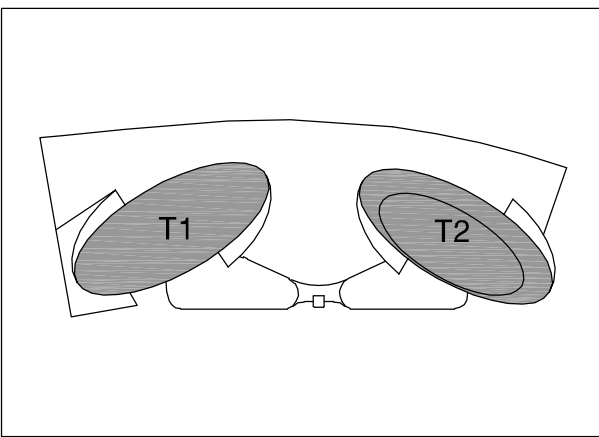
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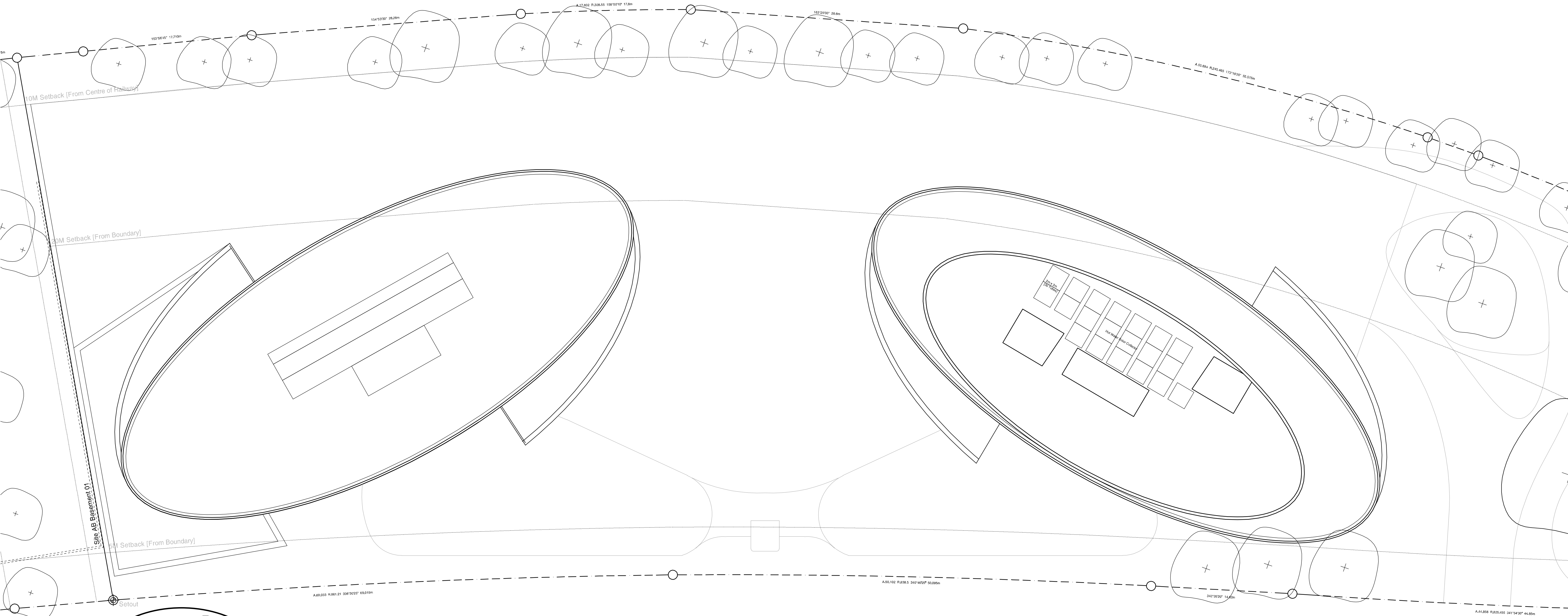
D	04/11/11	Revised Design following SOPA comments	JC	MD
A	06/04/11	DA Submission	JL	MD
Revision	Date	Description	Initial	Checked

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DA02.230[D]

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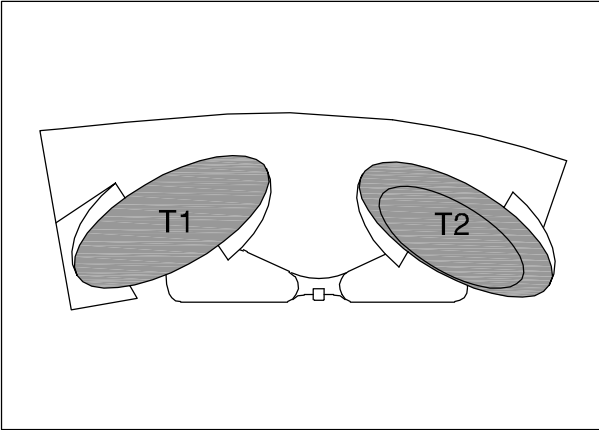
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Assr # 20887

Cert # 67287657

Sign 

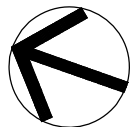
Date 15/03/2012



D	04/11/11	Revised Design following SOPA comments	JC	MD	
A	06/04/11	DA Submission	JL	MD	
Revision	Date	Description	Initial	Checked	

Site 3
Sydney Olympic Park
Plan
Roof

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Drawing No.	DA02.231[D] (Revision)

DA02.231[D]

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Appendix B

ABSA Certificate

Assessor Certificate

Multiple Dwellings

Certificate Version 6.1. Prior versions not valid after 1 March 2006

Issued in accordance with
BASIX Thermal Comfort Simulation Method.



Assessor			
Name:	Trong Thien Huynh	Company:	Windtech Consultants Pty Ltd
Address:	19 Willis Street, Wolli Creek NSW 2205 Australia		
Phone:	(02) 9567 0722	Fax:	(02) 9567 0733
Email:	reception@windtech.com.au		
Declaration of Interest: The Assessor may receive financial benefit from use of recommended services			
Client			
Name:	Mr Michael Azar	Company:	Ecove Group
Address:	Locked Bag 1451 Meadowbank, NSW, 2114		
Phone:	8878 2888	Fax:	8878 2899
Email:	michael@ecove.com.au		
Project			
Address:	Australia Towers, Sydney Olympic Park		
Applicant:	Mr Michael Azar	LGA:	Auburn City Council
Assessment			
Date:	15/03/2012	File Ref:	WA999-07
Software:	BERS	Version:	PRO Plus 4
Documentation			

All details, upon which this assessment has been based, are included in the project documentation that has been stamped and signed by the Assessor issuing this certificate, as identified below:

Thermal Performance Spec:

Attached, Affixed to Drawings Page #: 1

Drawings:

(Title, Drawing #, Revision, Date)
Basement Level 004, DA02.100, Revision D, 04/11/2011
Basement Level 003, DA02.101, Revision D, 04/11/2011
Basement Level 002, DA02.102, Revision D, 04/11/2011
Basement Level 001, DA02.103, Revision E, 23/02/2012
Ground Floor, DA02.200, Revision D, 04/11/2011
Level 01 [Podium], DA02.201, Revision D, 04/11/2011
Level 02, DA02.202, Revision D, 04/11/2011
Level 03, DA02.203, Revision D, 04/11/2011

Building Specifications:

(Title, Drawing #, Revision, Date)
See Drawings



ABSA Assessor Certificate		Assessor # 20887		Certificate # 67287657		Issued: 15/03/2012	
Thermal Performance Specifications						Page 1 of 13	
Unit number(s)	Certificate Number	Floor area (M2)		Predict. Loads (MJ/M2/y)		Concessions	Qualify for ventilation bonus
		Cond.	Uncond.	Heat	Cool (Sens & Lat)		
T1-L01-01	67287657	89	14	61	50	N/A	N/A
T1-L01-02	98378178	121	16	40	28	N/A	N/A
T1-L01-03	21169705	74	13	44	35	N/A	N/A
T1-L01-04	76537927	80	13	61	23	N/A	N/A
T1-L01-05	62843218	75	13	58	43	N/A	N/A
T1-L01-06	42542483	63	9	45	25	N/A	N/A
T1-L01-07	81820879	61	5	54	27	N/A	N/A
T1-L01-08	22352636	68	17	63	54	N/A	N/A
T1-L02-01	31381483	89	14	59	46	N/A	N/A
T1-L02-02	39478621	120	18	33	39	N/A	N/A
T1-L02-03	68075265	76	13	48	35	N/A	N/A
T1-L02-04	15034598	53	8	61	58	N/A	N/A
T1-L02-05	45584221	53	9	35	59	N/A	N/A

ABSA Assessor Certificate		Assessor # 20887		Certificate # 67287657		Issued: 15/03/2012	
Thermal Performance Specifications						Page 2 of 13	
Unit number(s)	Certificate Number	Floor area (M2)		Predict. Loads (MJ/M2/y)		Concessions	Qualify for ventilation bonus
		Cond.	Uncond.	Heat	Cool (Sens & Lat)		
T1-L02-06	84887967	49	7	32	58	N/A	N/A
T1-L02-07	32426648	45	7	63	56	N/A	N/A
T1-L02-08	27136343	78	6	56	56	N/A	N/A
T1-L02-09	34561125	56	7	64	45	N/A	N/A
T1-L02-10	76314800	75	11	59	17	N/A	N/A
T1-L02-11	75717923	68	7	61	37	N/A	N/A
T1-L02-12	69659837	73	10	54	33	N/A	N/A
T1-L02-13	90326924	68	17	61	46	N/A	N/A
T1-L03-01	31381483	89	14	59	46	N/A	N/A
T1-L03-02	39478621	120	18	33	39	N/A	N/A
T1-L03-03	68075265	76	13	48	35	N/A	N/A
T1-L03-04	77574505	53	8	42	35	N/A	N/A
T1-L03-05	97796682	53	9	22	34	N/A	N/A
T1-L03-06	62880282	49	7	28	43	N/A	N/A
T1-L03-07	76612574	45	7	25	46	N/A	N/A
T1-L03-08	10285602	78	6	57	34	N/A	N/A
T1-L03-09	52361387	56	7	51	28	N/A	N/A
T1-L03-10	97471312	75	11	58	24	N/A	N/A
T1-L03-11	67803730	68	7	66	29	N/A	N/A
T1-L03-12	32913712	73	10	43	35	N/A	N/A
T1-L03-13	90326924	68	17	61	46	N/A	N/A
T1-L04-01	31381483	89	14	59	46	N/A	N/A
T1-L04-02	39478621	120	18	33	39	N/A	N/A
T1-L04-03	68075265	76	13	48	35	N/A	N/A
T1-L04-04	77574505	53	8	42	35	N/A	N/A
T1-L04-05	97796682	53	9	22	34	N/A	N/A
T1-L04-06	62880282	49	7	28	43	N/A	N/A
T1-L04-07	76612574	45	7	25	46	N/A	N/A
T1-L04-08	10285602	78	6	57	34	N/A	N/A
T1-L04-09	52361387	56	7	51	28	N/A	N/A
T1-L04-10	97471312	75	11	58	24	N/A	N/A
T1-L04-11	67803730	68	7	66	29	N/A	N/A
T1-L04-12	32913712	73	10	43	35	N/A	N/A
T1-L04-13	90326924	68	17	61	46	N/A	N/A
T1-L05-01	31381483	89	14	59	46	N/A	N/A
T1-L05-02	39478621	120	18	33	39	N/A	N/A
T1-L05-03	68075265	76	13	48	35	N/A	N/A
T1-L05-04	77574505	53	8	42	35	N/A	N/A
T1-L05-05	97796682	53	9	22	34	N/A	N/A
T1-L05-06	62880282	49	7	28	43	N/A	N/A
T1-L05-07	76612574	45	7	25	46	N/A	N/A
T1-L05-08	10285602	78	6	57	34	N/A	N/A
T1-L05-09	52361387	56	7	51	28	N/A	N/A
T1-L05-10	97471312	75	11	58	24	N/A	N/A
T1-L05-11	67803730	68	7	66	29	N/A	N/A
T1-L05-12	32913712	73	10	43	35	N/A	N/A
T1-L05-13	90326924	68	17	61	46	N/A	N/A
T1-L06-01	31381483	89	14	59	46	N/A	N/A
T1-L06-02	39478621	120	18	33	39	N/A	N/A
T1-L06-03	68075265	76	13	48	35	N/A	N/A
T1-L06-04	77574505	53	8	42	35	N/A	N/A
T1-L06-05	97796682	53	9	22	34	N/A	N/A
T1-L06-06	62880282	49	7	28	43	N/A	N/A

ABSA Assessor Certificate		Assessor # 20887		Certificate # 67287657		Issued: 15/03/2012	
Thermal Performance Specifications						Page 3 of 13	
Unit number(s)	Certificate Number	Floor area (M2)		Predict. Loads (MJ/M2/y)		Concessions	Qualify for ventilation bonus
		Cond.	Uncond.	Heat	Cool (Sens & Lat)		
T1-L06-07	76612574	45	7	25	46	N/A	N/A
T1-L06-08	10285602	78	6	57	34	N/A	N/A
T1-L06-09	52361387	56	7	51	28	N/A	N/A
T1-L06-10	97471312	75	11	58	24	N/A	N/A
T1-L06-11	67803730	68	7	66	29	N/A	N/A
T1-L06-12	32913712	73	10	43	35	N/A	N/A
T1-L06-13	90326924	68	17	61	46	N/A	N/A
T1-L07-01	31381483	89	14	59	46	N/A	N/A
T1-L07-02	39478621	120	18	33	39	N/A	N/A
T1-L07-03	68075265	76	13	48	35	N/A	N/A
T1-L07-04	77574505	53	8	42	35	N/A	N/A
T1-L07-05	97796682	53	9	22	34	N/A	N/A
T1-L07-06	62880282	49	7	28	43	N/A	N/A
T1-L07-07	76612574	45	7	25	46	N/A	N/A
T1-L07-08	10285602	78	6	57	34	N/A	N/A
T1-L07-09	52361387	56	7	51	28	N/A	N/A
T1-L07-10	97471312	75	11	58	24	N/A	N/A
T1-L07-11	67803730	68	7	66	29	N/A	N/A
T1-L07-12	32913712	73	10	43	35	N/A	N/A
T1-L07-13	90326924	68	17	61	46	N/A	N/A
T1-L08-01	31381483	89	14	59	46	N/A	N/A
T1-L08-02	39478621	120	18	33	39	N/A	N/A
T1-L08-03	68075265	76	13	48	35	N/A	N/A
T1-L08-04	77574505	53	8	42	35	N/A	N/A
T1-L08-05	97796682	53	9	22	34	N/A	N/A
T1-L08-06	62880282	49	7	28	43	N/A	N/A
T1-L08-07	76612574	45	7	25	46	N/A	N/A
T1-L08-08	10285602	78	6	57	34	N/A	N/A
T1-L08-09	52361387	56	7	51	28	N/A	N/A
T1-L08-10	97471312	75	11	58	24	N/A	N/A
T1-L08-11	67803730	68	7	66	29	N/A	N/A
T1-L08-12	32913712	73	10	43	35	N/A	N/A
T1-L08-13	90326924	68	17	61	46	N/A	N/A
T1-L09-01	31381483	89	14	59	46	N/A	N/A
T1-L09-02	39478621	120	18	33	39	N/A	N/A
T1-L09-03	42243546	76	13	48	35	N/A	N/A
T1-L09-04	54784171	53	8	40	33	N/A	N/A
T1-L09-05	97796682	53	9	22	34	N/A	N/A
T1-L09-06	62880282	49	7	28	43	N/A	N/A
T1-L09-07	76612574	45	7	25	46	N/A	N/A
T1-L09-08	10285602	78	6	57	34	N/A	N/A
T1-L09-09	52361387	56	7	51	28	N/A	N/A
T1-L09-10	97471312	75	11	58	24	N/A	N/A
T1-L09-11	59149823	68	7	65	30	N/A	N/A
T1-L09-12	32913712	73	10	43	35	N/A	N/A
T1-L09-13	90326924	68	17	61	46	N/A	N/A
T1-L10-01	31381483	89	14	59	46	N/A	N/A
T1-L10-02	39478621	120	18	33	39	N/A	N/A
T1-L10-03	42243546	76	13	48	35	N/A	N/A
T1-L10-04	54784171	53	8	40	33	N/A	N/A
T1-L10-05	97796682	53	9	22	34	N/A	N/A
T1-L10-06	62880282	49	7	28	43	N/A	N/A
T1-L10-07	76612574	45	7	25	46	N/A	N/A

ABSA Assessor Certificate		Assessor # 20887		Certificate # 67287657		Issued: 15/03/2012	
Thermal Performance Specifications						Page 4 of 13	
Unit number(s)	Certificate Number	Floor area (M2)		Predict. Loads (MJ/M2/y)		Concessions	Qualify for ventilation bonus
		Cond.	Uncond.	Heat	Cool (Sens & Lat)		
T1-L10-08	10285602	78	6	57	34	N/A	N/A
T1-L10-09	52361387	56	7	51	28	N/A	N/A
T1-L10-10	97471312	75	11	58	24	N/A	N/A
T1-L10-11	59149823	68	7	65	30	N/A	N/A
T1-L10-12	32913712	73	10	43	35	N/A	N/A
T1-L10-13	90326924	68	17	61	46	N/A	N/A
T1-L11-01	78246388	89	14	64	58	N/A	N/A
T1-L11-02	66458477	120	18	46	57	N/A	N/A
T1-L11-03	42243546	76	13	48	35	N/A	N/A
T1-L11-04	54784171	53	8	40	33	N/A	N/A
T1-L11-05	97796682	53	9	22	34	N/A	N/A
T1-L11-06	62880282	49	7	28	43	N/A	N/A
T1-L11-07	76612574	45	7	25	46	N/A	N/A
T1-L11-08	56384180	78	6	48	50	N/A	N/A
T1-L11-09	77603856	56	7	63	45	N/A	N/A
T1-L11-10	97471312	75	11	58	24	N/A	N/A
T1-L11-11	59149823	68	7	65	30	N/A	N/A
T1-L11-12	32913712	73	10	43	35	N/A	N/A
T1-L11-13	92641823	68	17	63	58	N/A	N/A
T1-L12-01	63394195	125	0	53	41	N/A	N/A
T1-L12-02	35582062	71	0	30	26	N/A	N/A
T1-L12-03	70307034	70	12	58	17	N/A	N/A
T1-L12-04	60336862	52	10	66	27	N/A	N/A
T1-L12-05	47734365	62	0	42	26	N/A	N/A
T1-L12-06	94114750	56	0	41	48	N/A	N/A
T1-L12-07	61425415	53	0	49	30	N/A	N/A
T1-L12-08	82706941	147	0	50	35	N/A	N/A
T1-L12-09	33218640	81	6	42	14	N/A	N/A
T1-L12-10	35821518	75	0	65	17	N/A	N/A
T1-L12-11	36359869	82	0	63	17	N/A	N/A
T1-L13-01a	76145355	65	0	45	25	N/A	N/A
T1-L13-01b	14641252	50	0	60	22	N/A	N/A
T1-L13-02	35582062	71	0	30	26	N/A	N/A
T1-L13-03	70307034	70	12	58	17	N/A	N/A
T1-L13-04	60336862	52	10	66	27	N/A	N/A
T1-L13-05	47734365	62	0	42	26	N/A	N/A
T1-L13-06	94114750	56	0	41	48	N/A	N/A
T1-L13-07	57882033	102	0	26	16	N/A	N/A
T1-L13-08	32819668	84	0	63	16	N/A	N/A
T1-L13-09	33218640	81	6	42	14	N/A	N/A
T1-L13-10	35821518	75	0	65	17	N/A	N/A
T1-L13-11	36359869	82	0	63	17	N/A	N/A
T1-L14-01a	76145355	65	0	45	25	N/A	N/A
T1-L14-01b	14641252	50	0	60	22	N/A	N/A
T1-L14-02	35582062	71	0	30	26	N/A	N/A
T1-L14-03	70307034	70	12	58	17	N/A	N/A
T1-L14-04	60336862	52	10	66	27	N/A	N/A
T1-L14-05	47734365	62	0	42	26	N/A	N/A
T1-L14-06	94114750	56	0	41	48	N/A	N/A
T1-L14-07	57882033	102	0	26	16	N/A	N/A
T1-L14-08	87931383	84	0	60	14	N/A	N/A
T1-L14-09	33218640	81	6	42	14	N/A	N/A
T1-L14-10	35821518	75	0	65	17	N/A	N/A

ABSA Assessor Certificate		Assessor # 20887		Certificate # 67287657		Issued: 15/03/2012	
Thermal Performance Specifications						Page 5 of 13	
Unit number(s)	Certificate Number	Floor area (M2)		Predict. Loads (MJ/M2/y)		Concessions	Qualify for ventilation bonus
		Cond.	Uncond.	Heat	Cool (Sens & Lat)		
T1-L14-11	36359869	82	0	63	17	N/A	N/A
T1-L15-01a	76145355	65	0	45	25	N/A	N/A
T1-L15-01b	14641252	50	0	60	22	N/A	N/A
T1-L15-02	35582062	71	0	30	26	N/A	N/A
T1-L15-03	70307034	70	12	58	17	N/A	N/A
T1-L15-04	60336862	52	10	66	27	N/A	N/A
T1-L15-05	47734365	62	0	42	26	N/A	N/A
T1-L15-06	94114750	56	0	41	48	N/A	N/A
T1-L15-07	57882033	102	0	26	16	N/A	N/A
T1-L15-08	87931383	84	0	60	14	N/A	N/A
T1-L15-09	33218640	81	6	42	14	N/A	N/A
T1-L15-10	35821518	75	0	65	17	N/A	N/A
T1-L15-11	36359869	82	0	63	17	N/A	N/A
T1-L16-01a	76145355	65	0	45	25	N/A	N/A
T1-L16-01b	14641252	50	0	60	22	N/A	N/A
T1-L16-02	35582062	71	0	30	26	N/A	N/A
T1-L16-03	70307034	70	12	58	17	N/A	N/A
T1-L16-04	60336862	52	10	66	27	N/A	N/A
T1-L16-05	47734365	62	0	42	26	N/A	N/A
T1-L16-06	94114750	56	0	41	48	N/A	N/A
T1-L16-07	57882033	102	0	26	16	N/A	N/A
T1-L16-08	87931383	84	0	60	14	N/A	N/A
T1-L16-09	33218640	81	6	42	14	N/A	N/A
T1-L16-10	35821518	75	0	65	17	N/A	N/A
T1-L16-11	36359869	82	0	63	17	N/A	N/A
T1-L17-01a	76145355	65	0	45	25	N/A	N/A
T1-L17-01b	14641252	50	0	60	22	N/A	N/A
T1-L17-02	35582062	71	0	30	26	N/A	N/A
T1-L17-03	70307034	70	12	58	17	N/A	N/A
T1-L17-04	60336862	52	10	66	27	N/A	N/A
T1-L17-05	47734365	62	0	42	26	N/A	N/A
T1-L17-06	94114750	56	0	41	48	N/A	N/A
T1-L17-07	57882033	102	0	26	16	N/A	N/A
T1-L17-08	87931383	84	0	60	14	N/A	N/A
T1-L17-09	33218640	81	6	42	14	N/A	N/A
T1-L17-10	35821518	75	0	65	17	N/A	N/A
T1-L17-11	36359869	82	0	63	17	N/A	N/A
T1-L18-01a	76145355	65	0	45	25	N/A	N/A
T1-L18-01b	14641252	50	0	60	22	N/A	N/A
T1-L18-02	35582062	71	0	30	26	N/A	N/A
T1-L18-03	70307034	70	12	58	17	N/A	N/A
T1-L18-04	60336862	52	10	66	27	N/A	N/A
T1-L18-05	47734365	62	0	42	26	N/A	N/A
T1-L18-06	94114750	56	0	41	48	N/A	N/A
T1-L18-07	57882033	102	0	26	16	N/A	N/A
T1-L18-08	87931383	84	0	60	14	N/A	N/A
T1-L18-09	33218640	81	6	42	14	N/A	N/A
T1-L18-10	35821518	75	0	65	17	N/A	N/A
T1-L18-11	36359869	82	0	63	17	N/A	N/A
T1-L19-01a	76145355	65	0	45	25	N/A	N/A
T1-L19-01b	58101270	50	0	57	27	N/A	N/A
T1-L19-02	35582062	71	0	30	26	N/A	N/A
T1-L19-03	70307034	70	12	58	17	N/A	N/A

ABSA Assessor Certificate		Assessor # 20887		Certificate # 67287657		Issued: 15/03/2012	
Thermal Performance Specifications						Page 6 of 13	
Unit number(s)	Certificate Number	Floor area (M2)		Predict. Loads (MJ/M2/y)		Concessions	Qualify for ventilation bonus
		Cond.	Uncond.	Heat	Cool (Sens & Lat)		
T1-L19-04	60336862	52	10	66	27	N/A	N/A
T1-L19-05	47734365	62	0	42	26	N/A	N/A
T1-L19-06	94114750	56	0	41	48	N/A	N/A
T1-L19-07	57882033	102	0	26	16	N/A	N/A
T1-L19-08	87931383	84	0	60	14	N/A	N/A
T1-L19-09	33218640	81	6	42	14	N/A	N/A
T1-L19-10	35821518	75	0	65	17	N/A	N/A
T1-L19-11	36359869	82	0	63	17	N/A	N/A
T1-L20-01a	76145355	65	0	45	25	N/A	N/A
T1-L20-01b	54764204	50	0	48	19	N/A	N/A
T1-L20-02	35582062	71	0	30	26	N/A	N/A
T1-L20-03	70307034	70	12	58	17	N/A	N/A
T1-L20-04	60336862	52	10	66	27	N/A	N/A
T1-L20-05	47734365	62	0	42	26	N/A	N/A
T1-L20-06	94114750	56	0	41	48	N/A	N/A
T1-L20-07	57882033	102	0	26	16	N/A	N/A
T1-L20-08	87931383	84	0	60	14	N/A	N/A
T1-L20-09	33218640	81	6	42	14	N/A	N/A
T1-L20-10	35821518	75	0	65	17	N/A	N/A
T1-L20-11	36359869	82	0	63	17	N/A	N/A
T1-L21-01a	76145355	65	0	45	25	N/A	N/A
T1-L21-01b	54764204	50	0	48	19	N/A	N/A
T1-L21-02	35582062	71	0	30	26	N/A	N/A
T1-L21-03	70307034	70	12	58	17	N/A	N/A
T1-L21-04	60336862	52	10	66	27	N/A	N/A
T1-L21-05	47734365	62	0	42	26	N/A	N/A
T1-L21-06	94114750	56	0	41	48	N/A	N/A
T1-L21-07	57882033	102	0	26	16	N/A	N/A
T1-L21-08	87931383	84	0	60	14	N/A	N/A
T1-L21-09	33218640	81	6	42	14	N/A	N/A
T1-L21-10	35821518	75	0	65	17	N/A	N/A
T1-L21-11	36359869	82	0	63	17	N/A	N/A
T1-L22-01a	14067408	65	0	56	38	N/A	N/A
T1-L22-01b	54764204	50	0	48	19	N/A	N/A
T1-L22-02a	32902107	71	0	54	23	N/A	N/A
T1-L22-02b	18134368	78	5	58	21	N/A	N/A
T1-L22-03	60336862	52	10	66	27	N/A	N/A
T1-L22-04	47734365	62	0	42	26	N/A	N/A
T1-L22-05	94114750	56	0	41	48	N/A	N/A
T1-L22-06a	57229659	102	0	54	47	N/A	N/A
T1-L22-06b	41930070	84	0	65	21	N/A	N/A
T1-L22-07	513210	81	6	61	25	N/A	N/A
T1-L22-08	35821518	75	0	65	17	N/A	N/A
T1-L22-09	36359869	82	0	63	17	N/A	N/A
T1-L23-01	87238176	104	0	44	29	N/A	N/A
T1-L23-02	31759774	119	0	57	47	N/A	N/A
T1-L23-03	10474771	76	0	57	16	N/A	N/A
T1-L23-04a	31955568	52	10	50	25	N/A	N/A
T1-L23-04b	47734365	62	0	42	26	N/A	N/A
T1-L23-05	94114750	56	0	41	48	N/A	N/A
T1-L23-06	64856548	54	0	43	21	N/A	N/A
T1-L23-07	33639625	103	0	62	38	N/A	N/A
T1-L23-08	73882886	78	0	66	16	N/A	N/A

ABSA Assessor Certificate		Assessor # 20887		Certificate # 67287657		Issued: 15/03/2012	
Thermal Performance Specifications						Page 7 of 13	
Unit number(s)	Certificate Number	Floor area (M2)		Predict. Loads (MJ/M2/y)		Concessions	Qualify for ventilation bonus
		Cond.	Uncond.	Heat	Cool (Sens & Lat)		
T1-L23-09	21872656	74	0	56	13	N/A	N/A
T1-L23-10	68996093	77	0	61	19	N/A	N/A
T1-L24-01	35237265	104	0	58	45	N/A	N/A
T1-L24-03	71434671	76	0	57	17	N/A	N/A
T1-L24-04a	14121766	52	10	62	22	N/A	N/A
T1-L24-04b	49178784	62	0	56	23	N/A	N/A
T1-L24-05	24594342	56	0	51	21	N/A	N/A
T1-L24-06	45671291	54	0	66	23	N/A	N/A
T1-L24-07	48008608	103	0	65	21	N/A	N/A
T2-L01-01	91261364	61	5	60	19	N/A	N/A
T2-L01-02	56371601	62	8	63	35	N/A	N/A
T2-L01-03	87275776	78	13	65	27	N/A	N/A
T2-L01-04	24798417	80	13	43	18	N/A	N/A
T2-L01-05	73673663	72	13	38	22	N/A	N/A
T2-L02-01	85738656	79	9	53	52	N/A	N/A
T2-L02-02	63135356	94	12	51	50	N/A	N/A
T2-L02-03	66464645	50	6	36	49	N/A	N/A
T2-L02-04	58535777	53	7	54	38	N/A	N/A
T2-L02-05	63865357	54	7	61	48	N/A	N/A
T2-L02-06	30655306	72	13	59	20	N/A	N/A
T2-L02-07	61224711	56	7	64	39	N/A	N/A
T2-L02-08	10862153	80	8	66	43	N/A	N/A
T2-L02-09	77642505	50	8	48	51	N/A	N/A
T2-L02-10	82440840	73	11	63	20	N/A	N/A
T2-L02-11	26300613	70	7	65	29	N/A	N/A
T2-L02-12	39361703	77	11	63	36	N/A	N/A
T2-L03-01	94716363	79	9	47	36	N/A	N/A
T2-L03-02	62758630	94	12	44	57	N/A	N/A
T2-L03-03	37618777	50	6	31	35	N/A	N/A
T2-L03-04	64877135	53	7	51	22	N/A	N/A
T2-L03-05	83762773	54	7	60	31	N/A	N/A
T2-L03-06	30655306	77	11	59	20	N/A	N/A
T2-L03-07	53047852	56	7	51	25	N/A	N/A
T2-L03-08	65823348	80	8	50	29	N/A	N/A
T2-L03-09	48647856	50	8	47	35	N/A	N/A
T2-L03-10	83948243	73	11	37	21	N/A	N/A
T2-L03-11	94962893	70	7	64	23	N/A	N/A
T2-L03-12	50134848	77	11	61	28	N/A	N/A
T2-L04-01	94716363	79	9	47	36	N/A	N/A
T2-L04-02	62758630	94	12	44	57	N/A	N/A
T2-L04-03	37618777	50	6	31	35	N/A	N/A
T2-L04-04	64877135	53	7	51	22	N/A	N/A
T2-L04-05	83762773	54	7	60	31	N/A	N/A
T2-L04-06	30655306	77	11	59	20	N/A	N/A
T2-L04-07	53047852	56	7	51	25	N/A	N/A
T2-L04-08	65823348	80	8	50	29	N/A	N/A
T2-L04-09	48647856	50	8	47	35	N/A	N/A
T2-L04-10	83948243	73	11	37	21	N/A	N/A
T2-L04-11	94962893	70	7	64	23	N/A	N/A
T2-L04-12	50134848	77	11	61	28	N/A	N/A
T2-L05-01	94716363	79	9	47	36	N/A	N/A
T2-L05-02	62758630	94	12	44	57	N/A	N/A
T2-L05-03	37618777	50	6	31	35	N/A	N/A

ABSA Assessor Certificate		Assessor # 20887		Certificate # 67287657		Issued: 15/03/2012	
Thermal Performance Specifications						Page 8 of 13	
Unit number(s)	Certificate Number	Floor area (M2)		Predict. Loads (MJ/M2/y)		Concessions	Qualify for ventilation bonus
		Cond.	Uncond.	Heat	Cool (Sens & Lat)		
T2-L05-04	64877135	53	7	51	22	N/A	N/A
T2-L05-05	83762773	54	7	60	31	N/A	N/A
T2-L05-06	30655306	77	11	59	20	N/A	N/A
T2-L05-07	53047852	56	7	51	25	N/A	N/A
T2-L05-08	65823348	80	8	50	29	N/A	N/A
T2-L05-09	48647856	50	8	47	35	N/A	N/A
T2-L05-10	83948243	73	11	37	21	N/A	N/A
T2-L05-11	94962893	70	7	64	23	N/A	N/A
T2-L05-12	50134848	77	11	61	28	N/A	N/A
T2-L06-01	94716363	79	9	47	36	N/A	N/A
T2-L06-02	62758630	94	12	44	57	N/A	N/A
T2-L06-03	37618777	50	6	31	35	N/A	N/A
T2-L06-04	64877135	53	7	51	22	N/A	N/A
T2-L06-05	83762773	54	7	60	31	N/A	N/A
T2-L06-06	30655306	77	11	59	20	N/A	N/A
T2-L06-07	53047852	56	7	51	25	N/A	N/A
T2-L06-08	65823348	80	8	50	29	N/A	N/A
T2-L06-09	48647856	50	8	47	35	N/A	N/A
T2-L06-10	83948243	73	11	37	21	N/A	N/A
T2-L06-11	94962893	70	7	64	23	N/A	N/A
T2-L06-12	50134848	77	11	61	28	N/A	N/A
T2-L07-01	94716363	79	9	47	36	N/A	N/A
T2-L07-02	62758630	94	12	44	57	N/A	N/A
T2-L07-03	37618777	50	6	31	35	N/A	N/A
T2-L07-04	64877135	53	7	51	22	N/A	N/A
T2-L07-05	83762773	54	7	60	31	N/A	N/A
T2-L07-06	30655306	77	11	59	20	N/A	N/A
T2-L07-07	53047852	56	7	51	25	N/A	N/A
T2-L07-08	65823348	80	8	50	29	N/A	N/A
T2-L07-09	48647856	50	8	47	35	N/A	N/A
T2-L07-10	83948243	73	11	37	21	N/A	N/A
T2-L07-11	94962893	70	7	64	23	N/A	N/A
T2-L07-12	50134848	77	11	61	28	N/A	N/A
T2-L08-01	94716363	79	9	47	36	N/A	N/A
T2-L08-02	62758630	94	12	44	57	N/A	N/A
T2-L08-03	37618777	50	6	31	35	N/A	N/A
T2-L08-04	64877135	53	7	51	22	N/A	N/A
T2-L08-05	83762773	54	7	60	31	N/A	N/A
T2-L08-06	30655306	77	11	59	20	N/A	N/A
T2-L08-07	53047852	56	7	51	25	N/A	N/A
T2-L08-08	65823348	80	8	50	29	N/A	N/A
T2-L08-09	48647856	50	8	47	35	N/A	N/A
T2-L08-10	83948243	73	11	37	21	N/A	N/A
T2-L08-11	94962893	70	7	64	23	N/A	N/A
T2-L08-12	50134848	77	11	61	28	N/A	N/A
T2-L09-01	94716363	79	9	47	36	N/A	N/A
T2-L09-02	62758630	94	12	44	57	N/A	N/A
T2-L09-03	37618777	50	6	31	35	N/A	N/A
T2-L09-04	64877135	53	7	51	22	N/A	N/A
T2-L09-05	63681421	54	7	60	31	N/A	N/A
T2-L09-06	75534866	72	13	58	22	N/A	N/A
T2-L09-07	53047852	56	7	51	25	N/A	N/A
T2-L09-08	65823348	80	8	50	29	N/A	N/A

ABSA Assessor Certificate		Assessor # 20887		Certificate # 67287657		Issued: 15/03/2012	
Thermal Performance Specifications						Page 9 of 13	
Unit number(s)	Certificate Number	Floor area (M2)		Predict. Loads (MJ/M2/y)		Concessions	Qualify for ventilation bonus
		Cond.	Uncond.	Heat	Cool (Sens & Lat)		
T2-L09-09	48647856	50	8	47	35	N/A	N/A
T2-L09-10	83948243	73	11	37	21	N/A	N/A
T2-L09-11	71611652	70	7	58	26	N/A	N/A
T2-L09-12	57899878	77	11	60	29	N/A	N/A
T2-L10-01	94716363	79	9	47	36	N/A	N/A
T2-L10-02	62758630	94	12	44	57	N/A	N/A
T2-L10-03	37618777	50	6	31	35	N/A	N/A
T2-L10-04	64877135	53	7	51	22	N/A	N/A
T2-L10-05	63681421	54	7	60	31	N/A	N/A
T2-L10-06	75534866	72	13	58	22	N/A	N/A
T2-L10-07	53047852	56	7	51	25	N/A	N/A
T2-L10-08	65823348	80	8	50	29	N/A	N/A
T2-L10-09	48647856	50	8	47	35	N/A	N/A
T2-L10-10	83948243	73	11	37	21	N/A	N/A
T2-L10-11	71611652	70	7	58	26	N/A	N/A
T2-L10-12	57899878	77	11	60	29	N/A	N/A
T2-L11-01	94716363	79	9	47	36	N/A	N/A
T2-L11-02	62758630	94	12	44	57	N/A	N/A
T2-L11-03	37618777	50	6	31	35	N/A	N/A
T2-L11-04	64877135	53	7	51	22	N/A	N/A
T2-L11-05	63681421	54	7	60	31	N/A	N/A
T2-L11-06	75534866	72	13	58	22	N/A	N/A
T2-L11-07	53047852	56	7	51	25	N/A	N/A
T2-L11-08	65823348	80	8	50	29	N/A	N/A
T2-L11-09	48647856	50	8	47	35	N/A	N/A
T2-L11-10	83948243	73	11	37	21	N/A	N/A
T2-L11-11	71611652	70	7	58	26	N/A	N/A
T2-L11-12	48422677	77	11	64	56	N/A	N/A
T2-L12-01	94716363	79	9	47	36	N/A	N/A
T2-L12-02	62758630	94	12	44	57	N/A	N/A
T2-L12-03	37618777	50	6	31	35	N/A	N/A
T2-L12-04	64877135	53	7	51	22	N/A	N/A
T2-L12-05	71620815	54	7	59	31	N/A	N/A
T2-L12-06	32573856	72	13	56	21	N/A	N/A
T2-L12-07	53047852	56	7	51	25	N/A	N/A
T2-L12-08	65823348	80	8	50	29	N/A	N/A
T2-L12-09	48647856	50	8	47	35	N/A	N/A
T2-L12-10	83948243	73	11	37	21	N/A	N/A
T2-L12-11	12413685	70	7	58	26	N/A	N/A
T2-L12-12	13486443	75	11	57	34	N/A	N/A
T2-L13-01	94716363	79	9	47	36	N/A	N/A
T2-L13-02	62758630	94	12	44	57	N/A	N/A
T2-L13-03	37618777	50	6	31	35	N/A	N/A
T2-L13-04	64877135	53	7	51	22	N/A	N/A
T2-L13-05	71620815	54	7	59	31	N/A	N/A
T2-L13-06	32573856	72	13	56	21	N/A	N/A
T2-L13-07	53047852	56	7	51	25	N/A	N/A
T2-L13-08	65823348	80	8	50	29	N/A	N/A
T2-L13-09	48647856	50	8	47	35	N/A	N/A
T2-L13-10	83948243	73	11	37	21	N/A	N/A
T2-L13-11	12413685	70	7	58	26	N/A	N/A
T2-L13-12	13486443	75	11	57	34	N/A	N/A
T2-L14-01	94716363	79	9	47	36	N/A	N/A

ABSA Assessor Certificate		Assessor # 20887		Certificate # 67287657		Issued: 15/03/2012	
Thermal Performance Specifications						Page 10 of 13	
Unit number(s)	Certificate Number	Floor area (M2)		Predict. Loads (MJ/M2/y)		Concessions	Qualify for ventilation bonus
		Cond.	Uncond.	Heat	Cool (Sens & Lat)		
T2-L14-02	62758630	94	12	44	57	N/A	N/A
T2-L14-03	37618777	50	6	31	35	N/A	N/A
T2-L14-04	64877135	53	7	51	22	N/A	N/A
T2-L14-05	71620815	54	7	59	31	N/A	N/A
T2-L14-06	32573856	72	13	56	21	N/A	N/A
T2-L14-07	53047852	56	7	51	25	N/A	N/A
T2-L14-08	65823348	80	8	50	29	N/A	N/A
T2-L14-09	48647856	50	8	47	35	N/A	N/A
T2-L14-10	83948243	73	11	37	21	N/A	N/A
T2-L14-11	12413685	70	7	58	26	N/A	N/A
T2-L14-12	13486443	75	11	57	34	N/A	N/A
T2-L15-01	94716363	79	9	47	36	N/A	N/A
T2-L15-02	62758630	94	12	44	57	N/A	N/A
T2-L15-03	37618777	50	6	31	35	N/A	N/A
T2-L15-04	64877135	53	7	51	22	N/A	N/A
T2-L15-05	71620815	54	7	59	31	N/A	N/A
T2-L15-06	32573856	72	13	56	21	N/A	N/A
T2-L15-07	53047852	56	7	51	25	N/A	N/A
T2-L15-08	65823348	80	8	50	29	N/A	N/A
T2-L15-09	48647856	50	8	47	35	N/A	N/A
T2-L15-10	83948243	73	11	37	21	N/A	N/A
T2-L15-11	12413685	70	7	58	26	N/A	N/A
T2-L15-12	13486443	75	11	57	34	N/A	N/A
T2-L16-01	94716363	79	9	47	36	N/A	N/A
T2-L16-02	62758630	94	12	44	57	N/A	N/A
T2-L16-03	37618777	50	6	31	35	N/A	N/A
T2-L16-04	64877135	53	7	51	22	N/A	N/A
T2-L16-05	71620815	54	7	59	31	N/A	N/A
T2-L16-06	32573856	72	13	56	21	N/A	N/A
T2-L16-07	53047852	56	7	51	25	N/A	N/A
T2-L16-08	65823348	80	8	50	29	N/A	N/A
T2-L16-09	48647856	50	8	47	35	N/A	N/A
T2-L16-10	83948243	73	11	37	21	N/A	N/A
T2-L16-11	12413685	70	7	58	26	N/A	N/A
T2-L16-12	13486443	75	11	57	34	N/A	N/A
T2-L17-01	94716363	79	9	47	36	N/A	N/A
T2-L17-02	62758630	94	12	44	57	N/A	N/A
T2-L17-03	37618777	50	6	31	35	N/A	N/A
T2-L17-04	64877135	53	7	51	22	N/A	N/A
T2-L17-05	71620815	54	7	59	31	N/A	N/A
T2-L17-06	32573856	72	13	56	21	N/A	N/A
T2-L17-07	53047852	56	7	51	25	N/A	N/A
T2-L17-08	65823348	80	8	50	29	N/A	N/A
T2-L17-09	48647856	50	8	47	35	N/A	N/A
T2-L17-10	83948243	73	11	37	21	N/A	N/A
T2-L17-11	12413685	70	7	58	26	N/A	N/A
T2-L17-12	13486443	75	11	57	34	N/A	N/A
T2-L18-01	94716363	79	9	47	36	N/A	N/A
T2-L18-02	62758630	94	12	44	57	N/A	N/A
T2-L18-03	37618777	50	6	31	35	N/A	N/A
T2-L18-04	64877135	53	7	51	22	N/A	N/A
T2-L18-05	71620815	54	7	59	31	N/A	N/A
T2-L18-06	32573856	72	13	56	21	N/A	N/A

ABSA Assessor Certificate		Assessor # 20887		Certificate # 67287657		Issued: 15/03/2012	
Thermal Performance Specifications						Page 11 of 13	
Unit number(s)	Certificate Number	Floor area (M2)		Predict. Loads (MJ/M2/y)		Concessions	Qualify for ventilation bonus
		Cond.	Uncond.	Heat	Cool (Sens & Lat)		
T2-L18-07	53047852	56	7	51	25	N/A	N/A
T2-L18-08	65823348	80	8	50	29	N/A	N/A
T2-L18-09	48647856	50	8	47	35	N/A	N/A
T2-L18-10	83948243	73	11	37	21	N/A	N/A
T2-L18-11	12413685	70	7	58	26	N/A	N/A
T2-L18-12	13486443	75	11	57	34	N/A	N/A
T2-L19-01	94716363	79	9	47	36	N/A	N/A
T2-L19-02	62758630	94	12	44	57	N/A	N/A
T2-L19-03	37618777	50	6	31	35	N/A	N/A
T2-L19-04	64877135	53	7	51	22	N/A	N/A
T2-L19-05	71620815	54	7	59	31	N/A	N/A
T2-L19-06	32573856	72	13	56	21	N/A	N/A
T2-L19-07	53047852	56	7	51	25	N/A	N/A
T2-L19-08	65823348	80	8	50	29	N/A	N/A
T2-L19-09	48647856	50	8	47	35	N/A	N/A
T2-L19-10	83948243	73	11	37	21	N/A	N/A
T2-L19-11	12413685	70	7	58	26	N/A	N/A
T2-L19-12	13486443	75	11	57	34	N/A	N/A
T2-L20-01	94716363	79	9	47	36	N/A	N/A
T2-L20-02	62758630	94	12	44	57	N/A	N/A
T2-L20-03	37618777	50	6	31	35	N/A	N/A
T2-L20-04	64877135	53	7	51	22	N/A	N/A
T2-L20-05	71620815	54	7	59	31	N/A	N/A
T2-L20-06	32573856	72	13	56	21	N/A	N/A
T2-L20-07	53047852	56	7	51	25	N/A	N/A
T2-L20-08	65823348	80	8	50	29	N/A	N/A
T2-L20-09	48647856	50	8	47	35	N/A	N/A
T2-L20-10	83948243	73	11	37	21	N/A	N/A
T2-L20-11	12413685	70	7	58	26	N/A	N/A
T2-L20-12	13486443	75	11	57	34	N/A	N/A
T2-L21-01	94716363	79	9	47	36	N/A	N/A
T2-L21-02	62758630	94	12	44	57	N/A	N/A
T2-L21-03	37618777	50	6	31	35	N/A	N/A
T2-L21-04	64877135	53	7	51	22	N/A	N/A
T2-L21-05	71620815	54	7	59	31	N/A	N/A
T2-L21-06	32573856	72	13	56	21	N/A	N/A
T2-L21-07	53047852	56	7	51	25	N/A	N/A
T2-L21-08	65823348	80	8	50	29	N/A	N/A
T2-L21-09	48647856	50	8	47	35	N/A	N/A
T2-L21-10	83948243	73	11	37	21	N/A	N/A
T2-L21-11	12413685	70	7	58	26	N/A	N/A
T2-L21-12	13486443	75	11	57	34	N/A	N/A
T2-L22-01	94716363	79	9	47	36	N/A	N/A
T2-L22-02	62758630	94	12	44	57	N/A	N/A
T2-L22-03	37618777	50	6	31	35	N/A	N/A
T2-L22-04	64877135	53	7	51	22	N/A	N/A
T2-L22-05	71620815	54	7	59	31	N/A	N/A
T2-L22-06	32573856	72	13	56	21	N/A	N/A
T2-L22-07	53047852	56	7	51	25	N/A	N/A
T2-L22-08	65823348	80	8	50	29	N/A	N/A
T2-L22-09	48647856	50	8	47	35	N/A	N/A
T2-L22-10	83948243	73	11	37	21	N/A	N/A
T2-L22-11	12413685	70	7	58	26	N/A	N/A

ABSA Assessor Certificate		Assessor # 20887		Certificate # 67287657		Issued: 15/03/2012	
Thermal Performance Specifications						Page 12 of 13	
Unit number(s)	Certificate Number	Floor area (M2)		Predict. Loads (MJ/M2/y)		Concessions	Qualify for ventilation bonus
		Cond.	Uncond.	Heat	Cool (Sens & Lat)		
T2-L22-12	13486443	75	11	57	34	N/A	N/A
T2-L23-01	72286306	79	9	50	53	N/A	N/A
T2-L23-02	79641963	94	12	53	53	N/A	N/A
T2-L23-03	37618777	50	6	31	35	N/A	N/A
T2-L23-04	64877135	53	7	51	22	N/A	N/A
T2-L23-05	71620815	54	7	59	31	N/A	N/A
T2-L23-06	32573856	72	13	56	21	N/A	N/A
T2-L23-07	53047852	56	7	51	25	N/A	N/A
T2-L23-0809	65823348	119	25	53	49	N/A	N/A
T2-L23-10	48647856	73	11	37	21	N/A	N/A
T2-L23-11	83948243	70	7	46	30	N/A	N/A
T2-L23-12	33886892	77	11	58	42	N/A	N/A
T2-L24-01	21672059	57	8	46	52	N/A	N/A
T2-L24-02	43737382	50	15	8	38	N/A	N/A
T2-L24-03	86232524	53	17	8	30	N/A	N/A
T2-L24-04	32753105	54	16	37	40	N/A	N/A
T2-L24-05	43340545	72	22	32	29	N/A	N/A
T2-L24-06	42222744	56	16	18	27	N/A	N/A
T2-L24-0708	12812667	119	25	53	49	N/A	N/A
T2-L24-09	19618778	73	25	6	37	N/A	N/A
T2-L24-10	66517254	74	12	19	56	N/A	N/A
T2-L24-11	59284672	70	22	22	57	N/A	N/A
T2-L24-12	72277362	80	19	23	41	N/A	N/A
T2-L25-01	70487333	57	8	46	52	N/A	N/A
T2-L25-02	53256784	70	27	15	46	N/A	N/A
T2-L25-03	11404951	79	31	18	45	N/A	N/A
T2-L25-04	78667150	72	22	32	29	N/A	N/A
T2-L25-05	42222744	56	16	18	27	N/A	N/A
T2-L25-0607	12812667	119	25	53	49	N/A	N/A
T2-L25-08	19618778	73	25	6	37	N/A	N/A
T2-L25-09	66517254	74	12	19	56	N/A	N/A
T2-L25-10	59284672	70	22	22	57	N/A	N/A
T2-L25-11	72277362	80	19	23	41	N/A	N/A
T2-L26-01	70487333	57	8	64	59	N/A	N/A
T2-L26-02	53256784	70	27	15	46	N/A	N/A
T2-L26-03	52331859	79	30	27	40	N/A	N/A
T2-L26-04	48349131	72	22	35	52	N/A	N/A
T2-L26-05	23495530	56	15	30	34	N/A	N/A
T2-L26-0607	50108195	119	25	59	44	N/A	N/A
T2-L26-08	66127882	73	25	6	37	N/A	N/A
T2-L26-09	66517254	74	12	19	56	N/A	N/A
T2-L26-10	59284672	70	22	22	57	N/A	N/A
T2-L26-11	72277362	80	19	30	27	N/A	N/A
T2-L27-01	70487333	57	8	64	59	N/A	N/A
T2-L27-02	53256784	102	38	9	36	N/A	N/A
T2-L27-03	47172436	123	11	59	25	N/A	N/A
T2-L27-04	10580708	158	42	14	58	N/A	N/A
T2-L27-05	54187187	73	25	19	56	N/A	N/A
T2-L27-06	59284672	74	12	22	57	N/A	N/A
T2-L27-07	72277362	70	22	30	27	N/A	N/A
T2-L28-01	70487333	57	8	64	59	N/A	N/A
T2-L28-02	53256784	102	38	9	36	N/A	N/A
T2-L28-03	47172436	123	11	63	23	N/A	N/A

Page 13 of 13

[illegible]

Thermal Performance Specifications

These are the Specifications upon which the Certified Assessment is based. If details included in these Specifications vary from other drawings or written specifications, these Specifications shall take precedence. If only one specification option is detailed for a building element, that specification must apply to all instances of that element for the project. If alternate specifications are detailed for a building element, the location and extent of alternate specifications must be detailed below and / or clearly indicated on referenced documents

Windows	Product ID	Glass	Frame	U value	SHGC	Area M ²	Detail
		Single Clear	Aluminium			70	As Per Plans

Skylights	Product ID	Glass	Frame	U value	SHGC	Area M ²	Detail
N/A		N/A	N/A	N/A	N/A	N/A	

Window and skylight U and SHGC values, if specified, are according to NFRC 2005. Alternate products or specifications may be used if their U value is lower, and the SHGC value is less than 10% higher or lower, than the U and SHGC values of the product specified above.

External walls	Construction	Insulation	Colour – solar abs.	Detail
Concrete Block		None	Medium	See Drawings
Power Panels		None	Medium	See Drawings

Internal walls	Construction	Insulation	Detail
Plasterboard on Studs		None	See Drawings

Floors	Construction	Insulation	Covering	Detail
Concrete		R1.0	Carpet	See Drawings
Concrete		R1.0	Ceramic Tiles	See Drawings

Ceilings	Construction	Insulation	Detail
Plasterboard		None	See Drawings

Roof	Construction	Insulation	Colour – solar abs.	Detail
Concrete Slab		None	Medium	See Drawings

Window cover	Internal (curtains)	External (awnings, shutters, etc)
N/a		None

Fixed shading	Eaves (width - inc. gutters, h't above windows)	Verandahs, Pergolas (type, description)
0	0 See Drawings	Balcony

Overshadowing	Overshadowing structures	Overshadowing trees

Orientation, Exposure, Ventilation and Infiltration

Orientation of nominal north:	See Drawings
Terrain category:	Open
Roof ventilation:	Unventilated
Cross ventilation:	Standard
Subfloor:	Enclosed
Living area open to entry:	Yes
Doors separate living areas:	No
Stair open to heated areas:	No
Seals to windows and doors:	Yes
Exhaust fans without dampers:	No
Ventilated skylights:	No
Open fire, unflued gas heat:	No
Vented downlights:	No
Wall and ceiling vents:	No

ABSA Assessor stamp



Appendix C

BASIX Certificate

BASIX[®]Certificate

Building Sustainability Index www.basix.nsw.gov.au

Multi Dwelling

Certificate number: 368640M_03

This certificate confirms that the proposed development will meet the NSW government's requirements for sustainability, if it is built in accordance with the commitments set out below. Terms used in this certificate, or in the commitments, have the meaning given by the document entitled "BASIX Definitions" dated 29/06/2009 published by the Department of Planning. This document is available at www.basix.nsw.gov.au

This certificate is a revision of certificate number 368640M lodged with the consent authority or certifier on 06 July 2011 with application MP10_0027.

It is the responsibility of the applicant to verify with the consent authority that the original, or any revised certificate, complies with the requirements of Schedule 1 Clause 2A, 4A or 6A of the Environmental Planning and Assessment Regulation 2000

Director-General

Date of issue: Thursday, 15 March 2012

To be valid, this certificate must be lodged within 3 months of the date of issue.



Planning &
Infrastructure

Project summary

Project name	Australia Towers, Sydney Olympic Park_03
Street address	1 Australia Avenue Homebush Bay 2127
Local Government Area	Auburn Council
Plan type and plan number	deposited 1134933
Lot no.	2
Section no.	-
No. of unit buildings	2
No. of units in unit buildings	607
No. of attached dwelling houses	0
No. of separate dwelling houses	0

Project score

Water	✓ 57	Target 40
Thermal Comfort	✓ Pass	Target Pass
Energy	✓ 20	Target 20

Water score comprises:

- Sydney Olympic Park Authority reticulated alternative water: 11.3
- Other water efficiency commitments: 45.7

Certificate Prepared by (please complete before submitting to Council or PCA)

Name / Company Name: Windtech Consultants Pty Ltd

ABN (if applicable): 72 050 574 037

Description of project

Project address

Project name	Australia Towers, Sydney Olympic Park_03
Street address	1 Australia Avenue Homebush Bay 2127
Local Government Area	Auburn Council
Plan type and plan number	deposited 1134933
Lot no.	2
Section no.	-

Project type

No. of unit buildings	2
No. of units in unit buildings	607
No. of attached dwelling houses	0
No. of separate dwelling houses	0

Site details

Site area (m²)	10484
Roof area (m²)	2900
Non-residential floor area (m²)	1200
Residential car spaces	798
Non-residential car spaces	133

Common area landscape

Common area lawn (m²)	0
Common area garden (m²)	5200
Area of indigenous or low water use species (m²)	3000

Assessor details

Assessor number	20887
Certificate number	67287657
Climate zone	56

Project score

Water	✓ 57	Target 40
Thermal Comfort	✓ Pass	Target Pass
Energy	✓ 20	Target 20

Water score comprises:

- Sydney Olympic Park Authority reticulated alternative water: 11.3
- Other water efficiency commitments: 45.7

Description of project

The tables below describe the dwellings and common areas within the project

Unit building - Tower 1, 287 dwellings, 25 storeys above ground

Dwelling no.	No. of bedrooms	Conditioned floor area (m ²)	Unconditioned floor area (m ²)	Area of garden & lawn (m ²)	Indigenous species (min area m ²)
0101	2	89.0	14.0	0	0
0105	2	75.0	13.0	0	0
0201	2	89.0	14.0	0	0
0205	1	53.0	9.0	0	0
0209	1	56.0	7.0	0	0
0213	2	68.0	17.0	0	0
0304	1	53.0	8.0	0	0
0308	2	78.0	6.0	0	0
0312	2	73.0	10.0	0	0
0403	2	76.0	13.0	0	0
0407	1	45.0	7.0	0	0

Dwelling no.	No. of bedrooms	Conditioned floor area (m ²)	Unconditioned floor area (m ²)	Area of garden & lawn (m ²)	Indigenous species (min area m ²)
0102	4 or more bedrooms	121.0	16.0	0	0
0106	1	63.0	9.0	0	0
0202	4 or more bedrooms	120.0	18.0	0	0
0206	1	49.0	7.0	0	0
0210	2	75.0	11.0	0	0
0301	2	89.0	14.0	0	0
0305	1	53.0	9.0	0	0
0309	1	56.0	7.0	0	0
0313	2	68.0	17.0	0	0
0404	1	53.0	8.0	0	0
0408	2	78.0	6.0	0	0

Dwelling no.	No. of bedrooms	Conditioned floor area (m ²)	Unconditioned floor area (m ²)	Area of garden & lawn (m ²)	Indigenous species (min area m ²)
0103	2	75.0	13.0	0	0
0107	1	61.0	5.0	0	0
0203	2	76.0	13.0	0	0
0207	1	45.0	7.0	0	0
0211	2	68.0	7.0	0	0
0302	4 or more bedrooms	120.0	18.0	0	0
0306	1	49.0	7.0	0	0
0310	2	75.0	11.0	0	0
0401	2	89.0	14.0	0	0
0405	1	53.0	9.0	0	0
0409	1	56.0	7.0	0	0

Dwelling no.	No. of bedrooms	Conditioned floor area (m ²)	Unconditioned floor area (m ²)	Area of garden & lawn (m ²)	Indigenous species (min area m ²)
0104	2	80.0	13.0	0	0
0108	2	71.0	13.0	0	0
0204	1	53.0	8.0	0	0
0208	2	78.0	6.0	0	0
0212	2	73.0	10.0	0	0
0303	2	76.0	13.0	0	0
0307	1	45.0	7.0	0	0
0311	2	68.0	7.0	0	0
0402	4 or more bedrooms	120.0	18.0	0	0
0406	1	49.0	7.0	0	0
0410	2	75.0	11.0	0	0

Dwelling no.	No. of bedrooms	Conditioned floor area (m ²)	Unconditioned floor area (m ²)	Area of garden & lawn (m ²)	Indigenous species (min area m ²)
0411	2	68.0	7.0	0	0
0502	4 or more bedrooms	120.0	18.0	0	0
0506	1	49.0	7.0	0	0
0510	2	75.0	11.0	0	0
0601	2	89.0	14.0	0	0
0605	1	53.0	9.0	0	0
0609	1	53.0	7.0	0	0
0613	2	68.0	17.0	0	0
0704	1	53.0	8.0	0	0
0708	2	78.0	6.0	0	0
0712	2	73.0	10.0	0	0
0803	2	76.0	13.0	0	0
0807	1	45.0	7.0	0	0
0811	2	68.0	7.0	0	0

Dwelling no.	No. of bedrooms	Conditioned floor area (m ²)	Unconditioned floor area (m ²)	Area of garden & lawn (m ²)	Indigenous species (min area m ²)
0412	2	73.0	10.0	0	0
0503	2	76.0	13.0	0	0
0507	1	45.0	7.0	0	0
0511	2	68.0	7.0	0	0
0602	4 or more bedrooms	120.0	18.0	0	0
0606	1	49.0	7.0	0	0
0610	2	75.0	11.0	0	0
0701	2	89.0	14.0	0	0
0705	1	53.0	9.0	0	0
0709	1	56.0	7.0	0	0
0713	2	68.0	17.0	0	0
0804	1	53.0	8.0	0	0
0808	2	78.0	6.0	0	0
0812	2	73.0	10.0	0	0

Dwelling no.	No. of bedrooms	Conditioned floor area (m ²)	Unconditioned floor area (m ²)	Area of garden & lawn (m ²)	Indigenous species (min area m ²)
0413	2	68.0	17.0	0	0
0504	1	53.0	8.0	0	0
0508	2	78.0	6.0	0	0
0512	2	73.0	10.0	0	0
0603	2	76.0	13.0	0	0
0607	1	45.0	7.0	0	0
0611	2	68.0	7.0	0	0
0702	4 or more bedrooms	120.0	18.0	0	0
0706	1	49.0	7.0	0	0
0710	2	75.0	11.0	0	0
0801	2	89.0	14.0	0	0
0805	1	53.0	9.0	0	0
0809	1	56.0	7.0	0	0
0813	2	68.0	17.0	0	0

Dwelling no.	No. of bedrooms	Conditioned floor area (m ²)	Unconditioned floor area (m ²)	Area of garden & lawn (m ²)	Indigenous species (min area m ²)
0501	2	89.0	14.0	0	0
0505	1	53.0	9.0	0	0
0509	1	56.0	7.0	0	0
0513	2	68.0	17.0	0	0
0604	1	53.0	8.0	0	0
0608	2	78.0	6.0	0	0
0612	2	73.0	10.0	0	0
0703	2	76.0	13.0	0	0
0707	1	45.0	7.0	0	0
0711	2	68.0	7.0	0	0
0802	4 or more bedrooms	120.0	18.0	0	0
0806	1	49.0	7.0	0	0
0810	2	75.0	11.0	0	0
0901	2	89.0	14.0	0	0

Dwelling no.	No. of bedrooms	Conditioned floor area (m ²)	Unconditioned floor area (m ²)	Area of garden & lawn (m ²)	Indigenous species (min area m ²)
0902	4 or more bedrooms	120.0	18.0	0	0
0906	1	49.0	7.0	0	0
0910	2	75.0	11.0	0	0
1001	2	89.0	14.0	0	0
1005	1	53.0	9.0	0	0
1009	1	56.0	7.0	0	0
1013	2	68.0	17.0	0	0
1104	1	53.0	8.0	0	0
1108	2	78.0	6.0	0	0
1112	2	73.0	10.0	0	0
1203	2	70.0	12.0	0	0
1207	1	53.0	0.0	0	0
1211	2	82.0	0.0	0	0
1305	1	62.0	0.0	0	0
1309	2	81.0	6.0	0	0
1403	2	70.0	12.0	0	0
1407	3	102.0	0.0	0	0

Dwelling no.	No. of bedrooms	Conditioned floor area (m ²)	Unconditioned floor area (m ²)	Area of garden & lawn (m ²)	Indigenous species (min area m ²)
0903	2	76.0	13.0	0	0
0907	1	45.0	7.0	0	0
0911	2	68.0	7.0	0	0
1002	4 or more bedrooms	120.0	18.0	0	0
1006	1	49.0	7.0	0	0
1010	2	75.0	11.0	0	0
1101	2	89.0	14.0	0	0
1105	1	53.0	9.0	0	0
1109	1	56.0	7.0	0	0
1113	2	68.0	17.0	0	0
1204	1	52.0	10.0	0	0
1208	3	147.0	0.0	0	0
1302	1	71.0	0.0	0	0
1306	1	56.0	0.0	0	0
1310	2	75.0	0.0	0	0
1404	1	52.0	10.0	0	0
1408	2	84.0	0.0	0	0

Dwelling no.	No. of bedrooms	Conditioned floor area (m ²)	Unconditioned floor area (m ²)	Area of garden & lawn (m ²)	Indigenous species (min area m ²)
0904	1	53.0	8.0	0	0
0908	2	78.0	6.0	0	0
0912	2	73.0	10.0	0	0
1003	2	76.0	13.0	0	0
1007	1	45.0	7.0	0	0
1011	2	86.0	7.0	0	0
1102	4 or more bedrooms	120.0	18.0	0	0
1106	1	49.0	7.0	0	0
1110	2	75.0	11.0	0	0
1201	3	125.0	0.0	0	0
1205	1	62.0	0.0	0	0
1209	2	81.0	6.0	0	0
1303	2	70.0	12.0	0	0
1307	3	102.0	0.0	0	0
1311	2	82.0	0.0	0	0
1405	1	62.0	0.0	0	0
1409	2	81.0	6.0	0	0

Dwelling no.	No. of bedrooms	Conditioned floor area (m ²)	Unconditioned floor area (m ²)	Area of garden & lawn (m ²)	Indigenous species (min area m ²)
0905	1	53.0	9.0	0	0
0909	1	56.0	7.0	0	0
0913	2	68.0	17.0	0	0
1004	1	53.0	8.0	0	0
1008	2	78.0	6.0	0	0
1012	2	73.0	10.0	0	0
1103	2	76.0	13.0	0	0
1107	1	45.0	7.0	0	0
1111	2	68.0	7.0	0	0
1202	1	71.0	0.0	0	0
1206	1	56.0	0.0	0	0
1210	2	75.0	0.0	0	0
1304	1	52.0	10.0	0	0
1308	2	84.0	0.0	0	0
1402	1	71.0	0.0	0	0
1406	1	56.0	0.0	0	0
1410	2	75.0	0.0	0	0

Dwelling no.	No. of bedrooms	Conditioned floor area (m ²)	Unconditioned floor area (m ²)	Area of garden & lawn (m ²)	Indigenous species (min area m ²)
1411	2	82.0	0.0	0	0
1505	1	62.0	0.0	0	0
1509	2	81.0	6.0	0	0
1603	2	70.0	12.0	0	0
1607	3	102.0	0.0	0	0
1611	2	82.0	0.0	0	0
1705	1	62.0	0.0	0	0
1709	2	81.0	6.0	0	0
1803	2	70.0	12.0	0	0
1807	3	102.0	0.0	0	0
1811	2	82.0	0.0	0	0
1905	1	62.0	0.0	0	0
1909	2	81.0	6.0	0	0
2003	2	70.0	12.0	0	0
2007	3	102.0	0.0	0	0
2011	2	82.0	0.0	0	0
2105	1	62.0	0.0	0	0
2109	2	81.0	6.0	0	0
2204	1	62.0	0.0	0	0
2209	2	82.0	0.0	0	0
2305	1	56.0	0.0	0	0
2309	2	74.0	0.0	0	0
2405	1	56.0	0.0	0	0

Dwelling no.	No. of bedrooms	Conditioned floor area (m ²)	Unconditioned floor area (m ²)	Area of garden & lawn (m ²)	Indigenous species (min area m ²)
1502	1	71.0	0.0	0	0
1506	1	56.0	0.0	0	0
1510	2	75.0	0.0	0	0
1604	1	52.0	10.0	0	0
1608	2	84.0	0.0	0	0
1702	1	71.0	0.0	0	0
1706	1	56.0	0.0	0	0
1710	2	75.0	0.0	0	0
1804	1	52.0	10.0	0	0
1808	2	84.0	0.0	0	0
1902	1	71.0	0.0	0	0
1906	1	56.0	0.0	0	0
1910	2	75.0	0.0	0	0
2004	1	52.0	10.0	0	0
2008	2	84.0	0.0	0	0
2102	1	71.0	0.0	0	0
2106	1	56.0	0.0	0	0
2110	2	75.0	0.0	0	0
2205	1	56.0	0.0	0	0
2301	2	104.0	0.0	0	0
2306	1	54.0	0.0	0	0
2310	2	77.0	0.0	0	0
2406	1	54.0	0.0	0	0

Dwelling no.	No. of bedrooms	Conditioned floor area (m ²)	Unconditioned floor area (m ²)	Area of garden & lawn (m ²)	Indigenous species (min area m ²)
1503	2	70.0	12.0	0	0
1507	3	102.0	0.0	0	0
1511	2	82.0	0.0	0	0
1605	1	62.0	0.0	0	0
1609	2	81.0	6.0	0	0
1703	2	70.0	12.0	0	0
1707	3	102.0	0.0	0	0
1711	2	82.0	0.0	0	0
1805	1	62.0	0.0	0	0
1809	2	81.0	6.0	0	0
1903	2	70.0	12.0	0	0
1907	3	102.0	0.0	0	0
1911	2	82.0	0.0	0	0
2005	1	62.0	0.0	0	0
2009	2	81.0	6.0	0	0
2103	2	70.0	12.0	0	0
2107	3	102.0	0.0	0	0
2111	2	82.0	0.0	0	0
2207	2	81.0	6.0	0	0
2302	2	119.0	0.0	0	0
2307	2	103.0	0.0	0	0
2401	2	104.0	0.0	0	0
2407	2	103.0	0.0	0	0

Dwelling no.	No. of bedrooms	Conditioned floor area (m ²)	Unconditioned floor area (m ²)	Area of garden & lawn (m ²)	Indigenous species (min area m ²)
1504	1	52.0	10.0	0	0
1508	2	84.0	0.0	0	0
1602	1	71.0	0.0	0	0
1606	1	56.0	0.0	0	0
1610	2	75.0	0.0	0	0
1704	1	52.0	10.0	0	0
1708	2	84.0	0.0	0	0
1802	1	71.0	0.0	0	0
1806	1	56.0	0.0	0	0
1810	2	75.0	0.0	0	0
1904	1	52.0	10.0	0	0
1908	2	84.0	0.0	0	0
2002	1	71.0	0.0	0	0
2006	1	56.0	0.0	0	0
2010	2	75.0	0.0	0	0
2104	1	52.0	10.0	0	0
2108	2	84.0	0.0	0	0
2203	1	52.0	10.0	0	0
2208	2	75.0	0.0	0	0
2303	2	76.0	0.0	0	0
2308	2	78.0	0.0	0	0
2403	2	76.0	0.0	0	0
1301a	1	65.0	0.0	0	0

Dwelling no.	No. of bedrooms	Conditioned floor area (m ²)	Unconditioned floor area (m ²)	Area of garden & lawn (m ²)	Indigenous species (min area m ²)
1301b	1	50.0	0.0	0	0
1501b	1	50.0	0.0	0	0
1701b	1	50.0	0.0	0	0
1901b	1	50.0	0.0	0	0
2101b	1	50.0	0.0	0	0
2202b	1	78.0	5.0	0	0
2304b	1	62.0	0.0	0	0

Dwelling no.	No. of bedrooms	Conditioned floor area (m ²)	Unconditioned floor area (m ²)	Area of garden & lawn (m ²)	Indigenous species (min area m ²)
1401a	1	65.0	0.0	0	0
1601a	1	65.0	0.0	0	0
1801a	1	65.0	0.0	0	0
2001a	1	65.0	0.0	0	0
2201a	1	65.0	0.0	0	0
2206a	3	103.0	0.0	0	0
2404a	1	52.0	10.0	0	0

Dwelling no.	No. of bedrooms	Conditioned floor area (m ²)	Unconditioned floor area (m ²)	Area of garden & lawn (m ²)	Indigenous species (min area m ²)
1401b	1	50.0	0.0	0	0
1601b	1	50.0	0.0	0	0
1801b	1	50.0	0.0	0	0
2001b	1	50.0	0.0	0	0
2201b	1	50.0	0.0	0	0
2206b	1	84.0	0.0	0	0
2404b	1	62.0	0.0	0	0

Dwelling no.	No. of bedrooms	Conditioned floor area (m ²)	Unconditioned floor area (m ²)	Area of garden & lawn (m ²)	Indigenous species (min area m ²)
1501a	1	65.0	0.0	0	0
1701a	1	65.0	0.0	0	0
1901a	1	65.0	0.0	0	0
2101a	1	65.0	0.0	0	0
2202a	1	71.0	0.0	0	0
2304a	1	52.0	10.0	0	0

Unit building - Tower 2, 320 dwellings, 30 storeys above ground

Dwelling no.	No. of bedrooms	Conditioned floor area (m ²)	Unconditioned floor area (m ²)	Area of garden & lawn (m ²)	Indigenous species (min area m ²)
0101	1	61.0	5.0	0	0
0105	2	72.0	13.0	0	0
0204	1	53.0	7.0	0	0
0208	2	80.0	8.0	0	0
0212	2	77.0	11.0	0	0
0304	1	53.0	7.0	0	0
0308	2	80.0	8.0	0	0
0312	2	77.0	11.0	0	0

Dwelling no.	No. of bedrooms	Conditioned floor area (m ²)	Unconditioned floor area (m ²)	Area of garden & lawn (m ²)	Indigenous species (min area m ²)
0102	1	62.0	8.0	0	0
0201	2	79.0	9.0	0	0
0205	1	54.0	7.0	0	0
0209	1	50.0	8.0	0	0
0301	2	79.0	9.0	0	0
0305	1	54.0	7.0	0	0
0309	1	50.0	8.0	0	0
0401	2	79.0	9.0	0	0

Dwelling no.	No. of bedrooms	Conditioned floor area (m ²)	Unconditioned floor area (m ²)	Area of garden & lawn (m ²)	Indigenous species (min area m ²)
0103	2	78.0	13.0	0	0
0202	3	94.0	12.0	0	0
0206	2	72.0	13.0	0	0
0210	2	73.0	11.0	0	0
0302	3	94.0	12.0	0	0
0306	2	77.0	11.0	0	0
0310	2	73.0	11.0	0	0
0402	3	94.0	12.0	0	0

Dwelling no.	No. of bedrooms	Conditioned floor area (m ²)	Unconditioned floor area (m ²)	Area of garden & lawn (m ²)	Indigenous species (min area m ²)
0104	2	80.0	13.0	0	0
0203	1	50.0	6.0	0	0
0207	1	56.0	7.0	0	0
0211	2	70.0	7.0	0	0
0303	1	50.0	6.0	0	0
0307	1	56.0	7.0	0	0
0311	2	70.0	7.0	0	0
0403	1	50.0	6.0	0	0

Dwelling no.	No. of bedrooms	Conditioned floor area (m ²)	Unconditioned floor area (m ²)	Area of garden & lawn (m ²)	Indigenous species (min area m ²)
0404	1	53.0	7.0	0	0
0408	2	80.0	8.0	0	0
0412	2	77.0	11.0	0	0
0504	1	53.0	7.0	0	0
0508	2	80.0	8.0	0	0
0512	2	77.0	11.0	0	0
0604	1	53.0	7.0	0	0
0608	2	80.0	8.0	0	0
0612	2	77.0	11.0	0	0
0704	1	53.0	7.0	0	0
0708	2	80.0	8.0	0	0
0712	2	77.0	11.0	0	0
0804	1	53.0	7.0	0	0
0808	2	80.0	8.0	0	0
0812	2	77.0	11.0	0	0
0904	1	53.0	7.0	0	0
0908	2	80.0	8.0	0	0
0912	2	77.0	11.0	0	0
1004	1	53.0	7.0	0	0
1008	2	80.0	8.0	0	0
1012	2	77.0	11.0	0	0
1104	1	53.0	7.0	0	0
1108	2	80.0	8.0	0	0

Dwelling no.	No. of bedrooms	Conditioned floor area (m ²)	Unconditioned floor area (m ²)	Area of garden & lawn (m ²)	Indigenous species (min area m ²)
0405	1	54.0	7.0	0	0
0409	1	50.0	8.0	0	0
0501	2	79.0	9.0	0	0
0505	1	54.0	7.0	0	0
0509	1	50.0	8.0	0	0
0601	2	79.0	9.0	0	0
0605	1	54.0	7.0	0	0
0609	1	50.0	8.0	0	0
0701	2	79.0	9.0	0	0
0705	1	54.0	7.0	0	0
0709	1	50.0	8.0	0	0
0801	2	79.0	9.0	0	0
0805	1	54.0	7.0	0	0
0809	1	50.0	8.0	0	0
0901	2	79.0	9.0	0	0
0905	1	54.0	7.0	0	0
0909	1	50.0	8.0	0	0
1001	2	79.0	9.0	0	0
1005	1	54.0	7.0	0	0
1009	1	50.0	8.0	0	0
1101	2	79.0	9.0	0	0
1105	1	54.0	7.0	0	0
1109	1	50.0	8.0	0	0

Dwelling no.	No. of bedrooms	Conditioned floor area (m ²)	Unconditioned floor area (m ²)	Area of garden & lawn (m ²)	Indigenous species (min area m ²)
0406	2	77.0	11.0	0	0
0410	2	73.0	11.0	0	0
0502	3	94.0	12.0	0	0
0506	2	77.0	11.0	0	0
0510	2	73.0	11.0	0	0
0602	3	94.0	12.0	0	0
0606	2	77.0	11.0	0	0
0610	2	73.0	11.0	0	0
0702	3	94.0	12.0	0	0
0706	2	77.0	11.0	0	0
0710	2	73.0	11.0	0	0
0802	3	94.0	12.0	0	0
0806	2	77.0	11.0	0	0
0810	2	73.0	11.0	0	0
0902	3	94.0	12.0	0	0
0906	2	72.0	13.0	0	0
0910	2	73.0	11.0	0	0
1002	3	94.0	12.0	0	0
1006	2	72.0	13.0	0	0
1010	2	73.0	11.0	0	0
1102	3	94.0	12.0	0	0
1106	2	72.0	13.0	0	0
1110	2	73.0	11.0	0	0

Dwelling no.	No. of bedrooms	Conditioned floor area (m ²)	Unconditioned floor area (m ²)	Area of garden & lawn (m ²)	Indigenous species (min area m ²)
0407	1	56.0	7.0	0	0
0411	2	70.0	7.0	0	0
0503	1	50.0	6.0	0	0
0507	1	56.0	7.0	0	0
0511	2	70.0	7.0	0	0
0603	1	50.0	6.0	0	0
0607	1	56.0	7.0	0	0
0611	2	70.0	7.0	0	0
0703	1	50.0	6.0	0	0
0707	1	56.0	7.0	0	0
0711	2	70.0	7.0	0	0
0803	1	50.0	6.0	0	0
0807	1	56.0	7.0	0	0
0811	2	70.0	7.0	0	0
0903	1	50.0	6.0	0	0
0907	1	56.0	7.0	0	0
0911	2	70.0	7.0	0	0
1003	1	50.0	6.0	0	0
1007	1	56.0	7.0	0	0
1011	2	70.0	7.0	0	0
1103	1	50.0	6.0	0	0
1107	1	56.0	7.0	0	0
1111	2	70.0	7.0	0	0

Dwelling no.	No. of bedrooms	Conditioned floor area (m ²)	Unconditioned floor area (m ²)	Area of garden & lawn (m ²)	Indigenous species (min area m ²)
1112	2	77.0	11.0	0	0
1204	1	53.0	7.0	0	0
1208	2	80.0	8.0	0	0
1212	2	75.0	11.0	0	0
1304	1	53.0	7.0	0	0
1308	2	80.0	8.0	0	0
1312	2	75.0	11.0	0	0
1404	1	53.0	7.0	0	0
1408	2	80.0	8.0	0	0
1412	2	75.0	11.0	0	0
1504	1	53.0	7.0	0	0
1508	2	80.0	8.0	0	0
1512	2	75.0	11.0	0	0
1604	1	53.0	7.0	0	0
1608	2	80.0	8.0	0	0
1612	2	75.0	11.0	0	0
1704	1	53.0	7.0	0	0
1708	2	80.0	8.0	0	0
1712	2	75.0	11.0	0	0
1804	1	53.0	7.0	0	0
1808	2	80.0	8.0	0	0
1812	2	75.0	11.0	0	0
1904	1	53.0	7.0	0	0

Dwelling no.	No. of bedrooms	Conditioned floor area (m ²)	Unconditioned floor area (m ²)	Area of garden & lawn (m ²)	Indigenous species (min area m ²)
1201	2	79.0	9.0	0	0
1205	1	54.0	7.0	0	0
1209	1	50.0	8.0	0	0
1301	2	79.0	9.0	0	0
1305	1	54.0	7.0	0	0
1309	1	50.0	8.0	0	0
1401	2	79.0	9.0	0	0
1405	1	54.0	7.0	0	0
1409	1	50.0	8.0	0	0
1501	2	79.0	9.0	0	0
1505	1	54.0	7.0	0	0
1509	1	50.0	8.0	0	0
1601	2	79.0	9.0	0	0
1605	1	54.0	7.0	0	0
1609	1	50.0	8.0	0	0
1701	2	79.0	9.0	0	0
1705	1	54.0	7.0	0	0
1709	1	50.0	8.0	0	0
1801	2	79.0	9.0	0	0
1805	1	54.0	7.0	0	0
1809	1	50.0	8.0	0	0
1901	2	79.0	9.0	0	0
1905	1	54.0	7.0	0	0

Dwelling no.	No. of bedrooms	Conditioned floor area (m ²)	Unconditioned floor area (m ²)	Area of garden & lawn (m ²)	Indigenous species (min area m ²)
1202	3	94.0	12.0	0	0
1206	2	72.0	13.0	0	0
1210	2	73.0	11.0	0	0
1302	3	94.0	12.0	0	0
1306	2	72.0	13.0	0	0
1310	2	73.0	11.0	0	0
1402	3	94.0	12.0	0	0
1406	2	72.0	13.0	0	0
1410	2	73.0	11.0	0	0
1502	3	94.0	12.0	0	0
1506	2	72.0	13.0	0	0
1510	2	73.0	11.0	0	0
1602	3	94.0	12.0	0	0
1606	2	72.0	13.0	0	0
1610	2	73.0	11.0	0	0
1702	3	94.0	12.0	0	0
1706	2	72.0	13.0	0	0
1710	2	73.0	11.0	0	0
1802	3	94.0	12.0	0	0
1806	2	72.0	13.0	0	0
1810	2	73.0	11.0	0	0
1902	3	94.0	12.0	0	0
1906	2	72.0	13.0	0	0

Dwelling no.	No. of bedrooms	Conditioned floor area (m ²)	Unconditioned floor area (m ²)	Area of garden & lawn (m ²)	Indigenous species (min area m ²)
1203	1	50.0	6.0	0	0
1207	1	56.0	7.0	0	0
1211	2	70.0	7.0	0	0
1303	1	50.0	6.0	0	0
1307	1	56.0	7.0	0	0
1311	2	70.0	7.0	0	0
1403	1	50.0	6.0	0	0
1407	1	56.0	7.0	0	0
1411	2	70.0	7.0	0	0
1503	1	50.0	6.0	0	0
1507	1	56.0	7.0	0	0
1511	2	70.0	7.0	0	0
1603	1	50.0	6.0	0	0
1607	1	56.0	7.0	0	0
1611	2	70.0	7.0	0	0
1703	1	50.0	6.0	0	0
1707	1	56.0	7.0	0	0
1711	2	70.0	7.0	0	0
1803	1	50.0	6.0	0	0
1807	1	56.0	7.0	0	0
1811	2	70.0	7.0	0	0
1903	1	50.0	6.0	0	0
1907	1	56.0	7.0	0	0

Dwelling no.	No. of bedrooms	Conditioned floor area (m ²)	Unconditioned floor area (m ²)	Area of garden & lawn (m ²)	Indigenous species (min area m ²)
1908	2	80.0	8.0	0	0
1912	2	75.0	11.0	0	0
2004	1	53.0	7.0	0	0
2008	2	80.0	8.0	0	0
2012	2	75.0	11.0	0	0
2104	1	53.0	7.0	0	0
2108	2	80.0	8.0	0	0
2112	2	75.0	11.0	0	0
2204	1	53.0	7.0	0	0
2208	2	80.0	8.0	0	0
2212	2	75.0	11.0	0	0
2304	1	53.0	7.0	0	0
2310	2	73.0	11.0	0	0
2402	1	50.0	15.0	0	0
2406	1	56.0	16.0	0	0
2412	2	80.0	19.0	0	0
2504	2	72.0	22.0	0	0
2510	2	70.0	22.0	0	0
2603	2	79.0	30.0	0	0
2609	2	74.0	12.0	0	0

Dwelling no.	No. of bedrooms	Conditioned floor area (m ²)	Unconditioned floor area (m ²)	Area of garden & lawn (m ²)	Indigenous species (min area m ²)
1909	1	50.0	8.0	0	0
2001	2	79.0	9.0	0	0
2005	1	54.0	7.0	0	0
2009	1	50.0	8.0	0	0
2101	2	79.0	9.0	0	0
2105	1	54.0	7.0	0	0
2109	1	50.0	8.0	0	0
2201	2	79.0	9.0	0	0
2205	1	54.0	7.0	0	0
2209	1	50.0	8.0	0	0
2301	2	79.0	9.0	0	0
2305	1	54.0	7.0	0	0
2311	2	70.0	7.0	0	0
2403	1	53.0	17.0	0	0
2409	2	73.0	25.0	0	0
2501	1	57.0	8.0	0	0
2505	1	56.0	16.0	0	0
2511	2	80.0	19.0	0	0
2604	2	72.0	22.0	0	0
2610	2	70.0	22.0	0	0

Dwelling no.	No. of bedrooms	Conditioned floor area (m ²)	Unconditioned floor area (m ²)	Area of garden & lawn (m ²)	Indigenous species (min area m ²)
1910	2	73.0	11.0	0	0
2002	3	94.0	12.0	0	0
2006	2	72.0	13.0	0	0
2010	2	73.0	11.0	0	0
2102	3	94.0	12.0	0	0
2106	2	72.0	13.0	0	0
2110	2	73.0	11.0	0	0
2202	3	94.0	12.0	0	0
2206	2	72.0	13.0	0	0
2210	2	73.0	11.0	0	0
2302	3	94.0	12.0	0	0
2306	2	72.0	13.0	0	0
2312	2	77.0	11.0	0	0
2404	1	54.0	16.0	0	0
2410	2	74.0	12.0	0	0
2502	2	70.0	27.0	0	0
2508	2	73.0	25.0	0	0
2601	1	57.0	7.0	0	0
2605	1	56.0	15.0	0	0
2611	2	80.0	19.0	0	0

Dwelling no.	No. of bedrooms	Conditioned floor area (m ²)	Unconditioned floor area (m ²)	Area of garden & lawn (m ²)	Indigenous species (min area m ²)
1911	2	70.0	7.0	0	0
2003	1	50.0	6.0	0	0
2007	1	56.0	7.0	0	0
2011	2	70.0	7.0	0	0
2103	1	50.0	6.0	0	0
2107	1	56.0	7.0	0	0
2111	2	70.0	7.0	0	0
2203	1	50.0	6.0	0	0
2207	1	56.0	7.0	0	0
2211	2	70.0	7.0	0	0
2303	1	50.0	6.0	0	0
2307	1	56.0	7.0	0	0
2401	1	57.0	7.0	0	0
2405	2	72.0	22.0	0	0
2411	2	70.0	22.0	0	0
2503	2	79.0	31.0	0	0
2509	2	74.0	12.0	0	0
2602	2	70.0	27.0	0	0
2608	2	73.0	25.0	0	0
2701	4 or more bedrooms	144.0	51.0	0	0

Dwelling no.	No. of bedrooms	Conditioned floor area (m ²)	Unconditioned floor area (m ²)	Area of garden & lawn (m ²)	Indigenous species (min area m ²)
2702	3	102.0	38.0	0	0
2706	2	74.0	12.0	0	0
2803	3	123.0	11.0	0	0
2807	2	70.0	22.0	0	0
2904	4 or more bedrooms	158.0	42.0	0	0
23C89	3	119.0	25.0	0	0

Dwelling no.	No. of bedrooms	Conditioned floor area (m ²)	Unconditioned floor area (m ²)	Area of garden & lawn (m ²)	Indigenous species (min area m ²)
2703	3	123.0	11.0	0	0
2707	2	70.0	22.0	0	0
2804	4 or more bedrooms	158.0	42.0	0	0
2901	4 or more bedrooms	145.0	51.0	0	0
2905	2	73.0	25.0	0	0
24C78	3	119.0	25.0	0	0

Dwelling no.	No. of bedrooms	Conditioned floor area (m ²)	Unconditioned floor area (m ²)	Area of garden & lawn (m ²)	Indigenous species (min area m ²)
2704	4 or more bedrooms	158.0	42.0	0	0
2801	4 or more bedrooms	144.0	51.0	0	0
2805	2	73.0	25.0	0	0
2902	3	102.0	38.0	0	0
2906	2	74.0	12.0	0	0
25C67	2	119.0	25.0	0	0

Dwelling no.	No. of bedrooms	Conditioned floor area (m ²)	Unconditioned floor area (m ²)	Area of garden & lawn (m ²)	Indigenous species (min area m ²)
2705	2	73.0	25.0	0	0
2802	3	102.0	38.0	0	0
2806	2	74.0	12.0	0	0
2903	3	123.0	11.0	0	0
2907	2	70.0	22.0	0	0
26C67	3	119.0	25.0	0	0

Description of project

The tables below describe the dwellings and common areas within the project

Common areas of unit building - Tower 1

Common area	Floor area (m²)
Lift car (No. 1)	-
Garbage room (No. 2)	130

Common area	Floor area (m²)
Lift car (No. 2)	-
Plant or service room (No. 3)	280

Common area	Floor area (m²)
Lift car (No. 3)	-
Hallway/lobby type (No. 1)	1750

Common areas of unit building - Tower 2

Common area	Floor area (m²)
Lift car (No. 4)	-
Garbage room (No. 3)	190

Common area	Floor area (m²)
Lift car (No. 5)	-
Plant or service room (No. 4)	480

Common area	Floor area (m²)
Lift car (No. 6)	-
Hallway/lobby type (No. 2)	2250

Common areas of the development (non-building specific)

Common area	Floor area (m²)
Gym (No. 1)	450
Car park area (B3 and B4)	15334
Plant or service room (No. 1)	690
Mail Room	40

Common area	Floor area (m²)
Car park area (Ground Level)	2536
Garbage room (No. 1)	200
Plant or service room (No. 2)	800
Change rooms/WC	140

Common area	Floor area (m²)
Car park area (B1 and B2)	15334
Community room (No. 1)	310
Storage (No. 1)	2100
Ground floor lobby type (No. 1)	600

Schedule of BASIX commitments

1. Commitments for unit building - Tower 1

(a) Dwellings

- (i) Water
- (ii) Energy
- (iii) Thermal Comfort

(b) Common areas and central systems/facilities

- (i) Water
- (ii) Energy

2. Commitments for unit building - Tower 2

(a) Dwellings

- (i) Water
- (ii) Energy
- (iii) Thermal Comfort

(b) Common areas and central systems/facilities

- (i) Water
- (ii) Energy

3. Commitments for attached dwelling houses

4. Commitments for separate dwelling houses

5. Commitments for common areas and central systems/facilities for the development (non-building specific)

- (i) Water
- (ii) Energy

Schedule of BASIX commitments

The commitments set out below regulate how the proposed development is to be carried out. It is a condition of any development consent granted, or complying development certificate issued, for the proposed development, that BASIX commitments be complied with.

1. Commitments for unit building - Tower 1

(a) Dwellings

(i) Water	Show on DA plans	Show on CC/CDC plans & specs	Certifier check
(a) The applicant must comply with the commitments listed below in carrying out the development of a dwelling listed in a table below.			
(b) The applicant must plant indigenous or low water use species of vegetation throughout the area of land specified for the dwelling in the "Indigenous species" column of the table below, as private landscaping for that dwelling. (This area of indigenous vegetation is to be contained within the "Area of garden and lawn" for the dwelling specified in the "Description of Project" table).	✓	✓	
(c) If a rating is specified in the table below for a fixture or appliance to be installed in the dwelling, the applicant must ensure that each such fixture and appliance meets the rating specified for it.		✓	✓
(d) The applicant must install an on demand hot water recirculation system which regulates all hot water use throughout the dwelling, where indicated for a dwelling in the "HW recirculation or diversion" column of the table below.		✓	✓
(e) The applicant must install:			
(aa) a hot water diversion system to all showers, kitchen sinks and all basins in the dwelling, where indicated for a dwelling in the "HW recirculation or diversion" column of the table below; and		✓	✓
(bb) a separate diversion tank (or tanks) connected to the hot water diversion systems of at least 100 litres. The applicant must connect the hot water diversion tank to all toilets in the dwelling.		✓	✓
(e) The applicant must not install a private swimming pool or spa for the dwelling, with a volume exceeding that specified for it in the table below.	✓	✓	
(f) If specified in the table, that pool or spa (or both) must have a pool cover or shading (or both).		✓	
(g) The pool or spa must be located as specified in the table.	✓	✓	
(h) The applicant must install, for the dwelling, each alternative water supply system, with the specified size, listed for that dwelling in the table below. Each system must be configured to collect run-off from the areas specified (excluding any area which supplies any other alternative water supply system), and to divert overflow as specified. Each system must be connected as specified.	✓	✓	✓

	Fixtures					Appliances		Individual pool				Individual spa		
Dwelling no.	All shower-heads	All toilet flushing systems	All kitchen taps	All bathroom taps	HW recirculation or diversion	All clothes washers	All dish-washers	Volume (max volume)	Pool cover	Pool location	Pool shaded	Volume (max volume)	Spa cover	Spa shaded
All dwellings	3 star (> 7.5 but <= 9 L/min)	4 star	4 star	3 star	-	4 star	4 star	-	-	-	-	-	-	-

	Alternative water source							
Dwelling no.	Alternative water supply systems	Size	Configuration	Landscape connection	Toilet connection (s)	Laundry connection	Pool top-up	Spa top-up
All dwellings	reticulated alternative water supply	-	See central systems	-	yes	-	-	-
None	-	-	-	-	-	-	-	-

(ii) Energy	Show on DA plans	Show on CC/CDC plans & specs	Certifier check
(a) The applicant must comply with the commitments listed below in carrying out the development of a dwelling listed in a table below.			
(b) The applicant must install each hot water system specified for the dwelling in the table below, so that the dwelling's hot water is supplied by that system. If the table specifies a central hot water system for the dwelling, then the applicant must connect that central system to the dwelling, so that the dwelling's hot water is supplied by that central system.	✓	✓	✓
(c) The applicant must install, in each bathroom, kitchen and laundry of the dwelling, the ventilation system specified for that room in the table below. Each such ventilation system must have the operation control specified for it in the table.		✓	✓
(d) The applicant must install the cooling and heating system/s specified for the dwelling under the "Living areas" and "Bedroom areas" headings of the "Cooling" and "Heating" columns in the table below, in/for at least 1 living/bedroom area of the dwelling. If no cooling or heating system is specified in the table for "Living areas" or "Bedroom areas", then no systems may be installed in any such areas. If the term "zoned" is specified beside an air conditioning system, then the system must provide for day/night zoning between living areas and bedrooms.		✓	✓
(e) This commitment applies to each room or area of the dwelling which is referred to in a heading to the "Artificial lighting" column of the table below (but only to the extent specified for that room or area). The applicant must ensure that the "primary type of artificial lighting" for each such room in the dwelling is fluorescent lighting or light emitting diode (LED) lighting. If the term "dedicated" is specified for a particular room or area, then the light fittings in that room or area must only be capable of being used for fluorescent lighting or light emitting diode (LED) lighting.		✓	✓

(ii) Energy	Show on DA plans	Show on CC/CDC plans & specs	Certifier check
(f) This commitment applies to each room or area of the dwelling which is referred to in a heading to the "Natural lighting" column of the table below (but only to the extent specified for that room or area). The applicant must ensure that each such room or area is fitted with a window and/or skylight.	✓	✓	✓
(g) This commitment applies if the applicant installs a water heating system for the dwelling's pool or spa. The applicant must: (aa) install the system specified for the pool in the "Individual Pool" column of the table below (or alternatively must not install any system for the pool). If specified, the applicant must install a timer, to control the pool's pump; and (bb) install the system specified for the spa in the "Individual Spa" column of the table below (or alternatively must not install any system for the spa). If specified, the applicant must install a timer to control the spa's pump.		✓ ✓	
(h) The applicant must install in the dwelling: (aa) the kitchen cook-top and oven specified for that dwelling in the "Appliances & other efficiency measures" column of the table below; (bb) each appliance for which a rating is specified for that dwelling in the "Appliances & other efficiency measures" column of the table, and ensure that the appliance has that minimum rating; and (cc) any clothes drying line specified for the dwelling in the "Appliances & other efficiency measures" column of the table.		✓ ✓ ✓	✓
(i) If specified in the table, the applicant must carry out the development so that each refrigerator space in the dwelling is "well ventilated".		✓	

	Hot water	Bathroom ventilation system		Kitchen ventilation system		Laundry ventilation system	
Dwelling no.	Hot water system	Each bathroom	Operation control	Each kitchen	Operation control	Each laundry	Operation control
2401, 2403, 2405, 2406, 2407, 1301b, 1401b, 1501b, 1601b, 1701b, 1801b, 1901b, 2001b, 2101b, 2201b, 2202b, 2206b, 2304b, 2404a, 2404b	central hot water system 1	individual fan into central duct + VSD	manual switch on/off	individual fan, not ducted	manual switch on/off	motorised damper into central duct + VSD	manual switch on/off

	Hot water	Bathroom ventilation system		Kitchen ventilation system		Laundry ventilation system	
Dwelling no.	Hot water system	Each bathroom	Operation control	Each kitchen	Operation control	Each laundry	Operation control
0103, 0203, 0210, 0303, 0310, 0403, 0410, 0503, 0510, 0603, 0610, 0703, 0710, 0803, 0810, 0903, 0904, 0910, 1003, 1004, 1010, 1103, 1104, 1110, 1203, 1204, 1209, 1303, 1304, 1309, 1403, 1404, 1409, 1503, 1504, 1509, 1603, 1604, 1609, 1703, 1704,	central hot water system 1	no mechanical ventilation (ie. natural)	-	individual fan, not ducted	manual switch on/off	motorised damper into central duct + VSD	manual switch on/off

	Hot water	Bathroom ventilation system		Kitchen ventilation system		Laundry ventilation system	
Dwelling no.	Hot water system	Each bathroom	Operation control	Each kitchen	Operation control	Each laundry	Operation control
1709, 1803, 1804, 1809, 1903, 1904, 1909, 2003, 2004, 2009, 2103, 2104, 2109, 2203, 2207							

	Hot water	Bathroom ventilation system		Kitchen ventilation system		Laundry ventilation system	
Dwelling no.	Hot water system	Each bathroom	Operation control	Each kitchen	Operation control	Each laundry	Operation control
0101, 0102, 0104, 0105, 0106, 0107, 0108, 0201, 0202, 0204, 0205, 0206, 0207, 0208, 0209, 0211, 0212, 0213, 0301, 0302, 0304, 0305, 0306, 0307, 0308, 0309, 0311, 0312, 0313, 0401, 0402, 0404, 0405, 0406, 0407, 0408, 0409, 0411, 0412, 0413, 0501,	central hot water system 1	motorised damper into central duct + VSD	manual switch on/off	individual fan, not ducted	manual switch on/off	motorised damper into central duct + VSD	manual switch on/off

	Hot water	Bathroom ventilation system		Kitchen ventilation system		Laundry ventilation system	
Dwelling no.	Hot water system	Each bathroom	Operation control	Each kitchen	Operation control	Each laundry	Operation control
0502, 0504, 0505, 0506, 0507, 0508, 0509, 0511, 0512, 0513, 0601, 0602, 0604, 0605, 0606, 0607, 0608, 0609, 0611, 0612, 0613, 0701, 0702, 0704, 0705, 0706, 0707, 0708, 0709, 0711, 0712, 0713, 0801, 0802, 0804, 0805, 0806, 0807, 0808, 0809, 0811,							

	Hot water	Bathroom ventilation system		Kitchen ventilation system		Laundry ventilation system	
Dwelling no.	Hot water system	Each bathroom	Operation control	Each kitchen	Operation control	Each laundry	Operation control
0812, 0813, 0901, 0902, 0905, 0906, 0907, 0908, 0909, 0911, 0912, 0913, 1001, 1002, 1005, 1006, 1007, 1008, 1009, 1011, 1012, 1013, 1101, 1102, 1105, 1106, 1107, 1108, 1109, 1111, 1112, 1113, 1201, 1202, 1205, 1206, 1207, 1208, 1210, 1211, 1302,							

	Hot water	Bathroom ventilation system		Kitchen ventilation system		Laundry ventilation system	
Dwelling no.	Hot water system	Each bathroom	Operation control	Each kitchen	Operation control	Each laundry	Operation control
1305, 1306, 1307, 1308, 1310, 1311, 1402, 1405, 1406, 1407, 1408, 1410, 1411, 1502, 1505, 1506, 1507, 1508, 1510, 1511, 1602, 1605, 1606, 1607, 1608, 1610, 1611, 1702, 1705, 1706, 1707, 1708, 1710, 1711, 1802, 1805, 1806, 1807, 1808, 1810, 1811,							

	Hot water	Bathroom ventilation system		Kitchen ventilation system		Laundry ventilation system	
Dwelling no.	Hot water system	Each bathroom	Operation control	Each kitchen	Operation control	Each laundry	Operation control
1902, 1905, 1906, 1907, 1908, 1910, 1911, 2002, 2005, 2006, 2007, 2008, 2010, 2011, 2102, 2105, 2106, 2107, 2108, 2110, 2111, 2204, 2205, 2208, 2209, 2301, 2302, 2303, 2305, 2306, 2307, 2308, 2309, 2310, 1301a, 1401a, 1501a, 1601a, 1701a, 1801a, 1901a,							

	Hot water	Bathroom ventilation system		Kitchen ventilation system		Laundry ventilation system	
Dwelling no.	Hot water system	Each bathroom	Operation control	Each kitchen	Operation control	Each laundry	Operation control
2001a, 2101a, 2201a, 2202a, 2206a, 2304a							

	Cooling		Heating		Artificial lighting						Natural lighting	
Dwelling no.	living areas	bedroom areas	living areas	bedroom areas	No. of bedrooms &/or study	No. of living &/or dining rooms	Each kitchen	All bathrooms/toilets	Each laundry	All hallways	No. of bathrooms &/or toilets	Main kitchen
0102, 0202, 0302, 0402, 0502, 0602, 0702, 0802	1-phase airconditioning 5 Star (new rating) (zoned)	1-phase airconditioning 5 Star (new rating) (zoned)	1-phase airconditioning 5 Star (new rating) (zoned)	1-phase airconditioning 5 Star (new rating) (zoned)	4	1	yes	yes	yes	yes	0	yes
0904, 1004, 1104, 1204, 1304, 1404, 1504, 1604, 1704, 1804, 1904, 2004, 2104, 2203	1-phase airconditioning 5 Star (new rating) (zoned)	1-phase airconditioning 5 Star (new rating) (zoned)	1-phase airconditioning 5 Star (new rating) (zoned)	1-phase airconditioning 5 Star (new rating) (zoned)	1	1	yes	yes	yes	yes	1	yes

Dwelling no.	Cooling		Heating		Artificial lighting						Natural lighting	
	living areas	bedroom areas	living areas	bedroom areas	No. of bedrooms &/or study	No. of living &/or dining rooms	Each kitchen	All bathrooms/toilets	Each laundry	All hallways	No. of bathrooms &/or toilets	Main kitchen
0902, 1002, 1102, 1201, 1207, 1307, 1407, 1507, 1607, 1707, 1807, 1907, 2007, 2107, 2301, 2305, 2307, 2309, 1301a, 1401a, 1501a, 1601a, 1701a, 1801a, 1901a, 2001a, 2101a, 2201a, 2202a, 2206a, 2304a	1-phase airconditioning 5 Star (new rating) (zoned)	1-phase airconditioning 5 Star (new rating) (zoned)	1-phase airconditioning 5 Star (new rating) (zoned)	1-phase airconditioning 5 Star (new rating) (zoned)	3	1	yes	yes	yes	yes	0	yes

	Cooling		Heating		Artificial lighting						Natural lighting	
Dwelling no.	living areas	bedroom areas	living areas	bedroom areas	No. of bedrooms &/or study	No. of living &/or dining rooms	Each kitchen	All bathrooms/ toilets	Each laundry	All hallways	No. of bathrooms &/or toilets	Main kitchen
0103, 0203, 0210, 0303, 0310, 0403, 0410, 0503, 0510, 0603, 0610, 0703, 0710, 0803, 0810, 0903, 0910, 1003, 1010, 1103, 1110, 1203, 1209, 1210, 1303, 1309, 1403, 1409, 1503, 1509, 1603, 1609, 1703, 1709, 1803, 1809, 1903, 1909, 2003,	1-phase airconditioning 5 Star (new rating) (zoned)	1-phase airconditioning 5 Star (new rating) (zoned)	1-phase airconditioning 5 Star (new rating) (zoned)	1-phase airconditioning 5 Star (new rating) (zoned)	2	1	yes	yes	yes	yes	1	yes

	Cooling		Heating		Artificial lighting						Natural lighting	
Dwelling no.	living areas	bedroom areas	living areas	bedroom areas	No. of bedrooms &/or study	No. of living &/or dining rooms	Each kitchen	All bathrooms/toilets	Each laundry	All hallways	No. of bathrooms &/or toilets	Main kitchen
2009, 2103, 2109, 2207												

Dwelling no.	Cooling		Heating		Artificial lighting						Natural lighting	
	living areas	bedroom areas	living areas	bedroom areas	No. of bedrooms &/or study	No. of living &/or dining rooms	Each kitchen	All bathrooms/toilets	Each laundry	All hallways	No. of bathrooms &/or toilets	Main kitchen
0101, 0104, 0105, 0108, 0201, 0208, 0211, 0212, 0213, 0301, 0308, 0311, 0312, 0313, 0401, 0408, 0411, 0412, 0413, 0501, 0508, 0511, 0512, 0513, 0601, 0608, 0611, 0612, 0613, 0701, 0708, 0711, 0712, 0713, 0801, 0808, 0811, 0812, 0813,	1-phase airconditioning 5 Star (new rating) (zoned)	1-phase airconditioning 5 Star (new rating) (zoned)	1-phase airconditioning 5 Star (new rating) (zoned)	1-phase airconditioning 5 Star (new rating) (zoned)	2	1	yes	yes	yes	yes	0	yes

	Cooling		Heating		Artificial lighting						Natural lighting	
Dwelling no.	living areas	bedroom areas	living areas	bedroom areas	No. of bedrooms &/or study	No. of living &/or dining rooms	Each kitchen	All bathrooms/ toilets	Each laundry	All hallways	No. of bathrooms &/or toilets	Main kitchen
0901, 0908, 0911, 0912, 0913, 1001, 1008, 1011, 1012, 1013, 1101, 1108, 1111, 1112, 1113, 1208, 1211, 1308, 1310, 1311, 1408, 1410, 1411, 1508, 1510, 1511, 1608, 1610, 1611, 1708, 1710, 1711, 1808, 1810, 1811, 1908, 1910, 1911, 2008,												

	Cooling		Heating		Artificial lighting						Natural lighting	
Dwelling no.	living areas	bedroom areas	living areas	bedroom areas	No. of bedrooms &/or study	No. of living &/or dining rooms	Each kitchen	All bathrooms/toilets	Each laundry	All hallways	No. of bathrooms &/or toilets	Main kitchen
2010, 2011, 2108, 2110, 2111, 2208, 2209, 2302, 2303, 2306, 2308, 2401, 2403, 2407												

Dwelling no.	Cooling		Heating		Artificial lighting						Natural lighting	
	living areas	bedroom areas	living areas	bedroom areas	No. of bedrooms &/or study	No. of living &/or dining rooms	Each kitchen	All bathrooms/toilets	Each laundry	All hallways	No. of bathrooms &/or toilets	Main kitchen
0106, 0107, 0204, 0205, 0206, 0207, 0209, 0304, 0305, 0306, 0307, 0309, 0404, 0405, 0406, 0407, 0409, 0504, 0505, 0506, 0507, 0509, 0604, 0605, 0606, 0607, 0609, 0704, 0705, 0706, 0707, 0709, 0804, 0805, 0806, 0807, 0809, 0905, 0906,	1-phase airconditioning 5 Star (new rating) (zoned)	1-phase airconditioning 5 Star (new rating) (zoned)	1-phase airconditioning 5 Star (new rating) (zoned)	1-phase airconditioning 5 Star (new rating) (zoned)	1	1	yes	yes	yes	yes	0	yes

	Cooling		Heating		Artificial lighting						Natural lighting	
Dwelling no.	living areas	bedroom areas	living areas	bedroom areas	No. of bedrooms &/or study	No. of living &/or dining rooms	Each kitchen	All bathrooms/ toilets	Each laundry	All hallways	No. of bathrooms &/or toilets	Main kitchen
0907, 0909, 1005, 1006, 1007, 1009, 1105, 1106, 1107, 1109, 1202, 1205, 1206, 1302, 1305, 1306, 1402, 1405, 1406, 1502, 1505, 1506, 1602, 1605, 1606, 1702, 1705, 1706, 1802, 1805, 1806, 1902, 1905, 1906, 2002, 2005, 2006, 2102, 2105,												

Dwelling no.	Cooling		Heating		Artificial lighting						Natural lighting	
	living areas	bedroom areas	living areas	bedroom areas	No. of bedrooms &/or study	No. of living &/or dining rooms	Each kitchen	All bathrooms/toilets	Each laundry	All hallways	No. of bathrooms &/or toilets	Main kitchen
2106, 2204, 2205, 2310, 2405, 2406, 1301b, 1401b, 1501b, 1601b, 1701b, 1801b, 1901b, 2001b, 2101b, 2201b, 2202b, 2206b, 2304b, 2404a, 2404b												

Dwelling no.	Individual pool		Individual spa		Appliances & other efficiency measures							
	Pool heating system	Timer	Spa heating system	Timer	Kitchen cooktop/oven	Refrigerator	Well ventilated fridge space	Dishwasher	Clothes washer	Clothes dryer	Indoor or sheltered clothes drying line	Private outdoor or unsheltered clothes drying line
All dwellings	-	-	-	-	gas cooktop & electric oven	-	-	3.5 star	4.5 star	4.5 star	no	no

(iii) Thermal Comfort	Show on DA plans	Show on CC/CDC plans & specs	Certifier check
(a) The applicant must attach the certificate referred to under "Assessor details" on the front page of this BASIX certificate (the "Assessor Certificate") to the development application and construction certificate application for the proposed development (or, if the applicant is applying for a complying development certificate for the proposed development, to that application). The applicant must also attach the Assessor Certificate to the application for a final occupation certificate for the proposed development.			
(b) The Assessor Certificate must have been issued by an Accredited Assessor in accordance with the Thermal Comfort Protocol.			
(c) The details of the proposed development on the Assessor Certificate must be consistent with the details shown in this BASIX Certificate, including the details shown in the "Thermal Loads" table below.			
(d) The applicant must show on the plans accompanying the development application for the proposed development, all matters which the Thermal Comfort Protocol requires to be shown on those plans. Those plans must bear a stamp of endorsement from the Accredited Assessor, to certify that this is the case.			
(e) The applicant must show on the plans accompanying the application for a construction certificate (or complying development certificate, if applicable), all thermal performance specifications set out in the Assessor Certificate, and all aspects of the proposed development which were used to calculate those specifications.			
(f) The applicant must construct the development in accordance with all thermal performance specifications set out in the Assessor Certificate, and in accordance with those aspects of the development application or application for a complying development certificate which were used to calculate those specifications.		✓	✓
(g) Where there is an in-slab heating or cooling system, the applicant must: (aa) Install insulation with an R-value of not less than 1.0 around the vertical edges of the perimeter of the slab; or (bb) On a suspended floor, install insulation with an R-value of not less than 1.0 underneath the slab and around the vertical edges of the perimeter of the slab.	✓	✓	✓
(h) The applicant must construct the floors and walls of the development in accordance with the specifications listed in the table below.	✓	✓	✓

	Thermal loads	
Dwelling no.	Area adjusted heating load (in mJ/m ² /yr)	Area adjusted cooling load (in mJ/m ² /yr)
0101	60.5	49.8
0102	39.5	27.6
0103	44	35.1
0104	61.3	23.2
0105	58.2	43.4

	Thermal loads	
Dwelling no.	Area adjusted heating load (in mJ/m²/yr)	Area adjusted cooling load (in mJ/m²/yr)
0106	44.5	24.6
0107	53.8	26.7
0108	63.4	54.3
0204	61.1	57.9
0205	35.4	58.9
0206	32.1	57.8
0207	63.4	56
0208	56.4	55.7
0209	64.1	45
0210	58.5	16.6
0211	61.2	37.3
0212	53.9	32.5
0506	27.9	42.8
1101	64.2	58.1
1102	45.7	57.4
1108	47.6	50.4
1109	63	44.7
1113	62.9	58.4
1201	53.2	40.7
1207	49.4	30.1
1208	50.3	34.6
1308	62.9	15.8
2207	61.1	25.3
2301	43.7	29.2
2302	56.8	46.6
2303	56.6	16.1
2306	43.3	21

	Thermal loads	
Dwelling no.	Area adjusted heating load (in mJ/m²/yr)	Area adjusted cooling load (in mJ/m²/yr)
2307	61.6	37.7
2308	65.5	16.2
2309	55.5	12.7
2310	60.6	18.8
2401	58.2	44.8
2403	56.6	16.7
2405	50.6	20.5
2406	65.7	23
2407	64.8	21.1
1901b	57	27.1
2201a	55.7	38.4
2202a	53.7	23.4
2202b	58.3	20.6
2206a	53.6	46.9
2206b	64.9	20.7
2304a	49.8	24.8
2404a	62.3	22.2
2404b	56.4	23.4
1303, 1703	58.0	16.7
0903, 1003, 1103	48	35.1
0904, 1004, 1104	39.9	32.9
0911, 1011, 1111	64.8	30.3
2001b, 2101b, 2201b	48.1	19.2
1807, 1907, 2007, 2107	38.5	19
1809, 1909, 2009, 2109	59.1	18.5
1307, 1407, 1507, 1607, 1707	26.1	16

	Thermal loads	
Dwelling no.	Area adjusted heating load (in mJ/m ² /yr)	Area adjusted cooling load (in mJ/m ² /yr)
0304, 0404, 0504, 0604, 0704, 0804	42.4	34.6
0311, 0411, 0511, 0611, 0711, 0811	66	28.7
1209, 1309, 1409, 1509, 1609, 1709	13.9	42
0203, 0303, 0403, 0503, 0603, 0703, 0803	48.3	35
1203, 1403, 1503, 1803, 1903, 2003, 2103	58	16.7
0306, 0406, 0606, 0706, 0806, 0906, 1006, 1106	27.6	42.8
0308, 0408, 0508, 0608, 0708, 0808, 0908, 1008	56.8	33.9
0309, 0409, 0509, 0609, 0709, 0809, 0909, 1009	51.2	28.4
1408, 1508, 1608, 1708, 1808, 1908, 2008, 2108	60.4	14.2
1602, 1301b, 1401b, 1501b, 1601b, 1701b, 1801b	60.1	22.3
0201, 0301, 0401, 0501, 0601, 0701, 0801, 0901, 1001	59.4	45.7
0202, 0302, 0402, 0502, 0602, 0702, 0802, 0902, 1002	33.3	39
0213, 0313, 0413, 0513, 0613, 0713, 0813, 0913, 1013	60.6	46.1
0305, 0405, 0505, 0605, 0705, 0805, 0905, 1005, 1105	22.2	33.9
0307, 0407, 0507, 0607, 0707, 0807, 0907, 1007, 1107	24.6	45.6
0310, 0410, 0510, 0610, 0710, 0810, 0910, 1010, 1110	57.8	23.5

Dwelling no.	Thermal loads	
	Area adjusted heating load (in mJ/m ² /yr)	Area adjusted cooling load (in mJ/m ² /yr)
0312, 0412, 0512, 0612, 0712, 0812, 0912, 1012, 1112	42.6	35.2
1202, 1302, 1402, 1502, 1603, 1702, 1802, 1902, 2002, 2102	30	25.7
1301a, 1401a, 1501a, 1601a, 1701a, 1801a, 1901a, 2001a, 2101a	44.6	24.5
1206, 1306, 1406, 1506, 1706, 1806, 1906, 2006, 2106, 2205, 2305	40.5	47.6
1210, 1310, 1410, 1510, 1610, 1710, 1810, 1910, 2010, 2110, 2208	65.4	16.9
1211, 1311, 1411, 1511, 1611, 1711, 1811, 1911, 2011, 2111, 2209	62.9	16.8
1204, 1304, 1404, 1504, 1604, 1605, 1704, 1804, 1904, 2004, 2104, 2203	65.5	26.9
All other dwellings	42.4	26.4

(b) Common areas and central systems/facilities

(i) Water	Show on DA plans	Show on CC/CDC plans & specs	Certifier check
(a) If, in carrying out the development, the applicant installs a showerhead, toilet, tap or clothes washer into a common area, then that item must meet the specifications listed for it in the table.		✓	✓
(b) The applicant must install (or ensure that the development is serviced by) the alternative water supply system(s) specified in the "Central systems" column of the table below. In each case, the system must be sized, be configured, and be connected, as specified in the table.	✓	✓	✓
(c) A swimming pool or spa listed in the table must not have a volume (in kLs) greater than that specified for the pool or spa in the table.	✓	✓	
(d) A pool or spa listed in the table must have a cover or shading if specified for the pool or spa in the table.		✓	
(e) The applicant must install each fire sprinkler system listed in the table so that the system is configured as specified in the table.		✓	✓
(f) The applicant must ensure that the central cooling system for a cooling tower is configured as specified in the table.		✓	✓

Common area	Showerheads rating	Toilets rating	Taps rating	Clothes washers rating
All common areas	3 star (> 7.5 but ≤ 9 L/min)	4 star	4 star	no common laundry facility

(ii) Energy	Show on DA plans	Show on CC/CDC plans & specs	Certifier check
(a) If, in carrying out the development, the applicant installs a ventilation system to service a common area specified in the table below, then that ventilation system must be of the type specified for that common area, and must meet the efficiency measure specified.		✓	✓
(b) In carrying out the development, the applicant must install, as the "primary type of artificial lighting" for each common area specified in the table below, the lighting specified for that common area. This lighting must meet the efficiency measure specified. The applicant must also install a centralised lighting control system or Building Management System (BMS) for the common area, where specified.		✓	✓
(c) The applicant must install the systems and fixtures specified in the "Central energy systems" column of the table below. In each case, the system or fixture must be of the type, and meet the specifications, listed for it in the table.	✓	✓	✓

Common area	Common area ventilation system		Common area lighting		
	Ventilation system type	Ventilation efficiency measure	Primary type of artificial lighting	Lighting efficiency measure	Lighting control system/BMS
Lift car (No. 1)	-	-	compact fluorescent	connected to lift call button	No
Lift car (No. 2)	-	-	compact fluorescent	connected to lift call button	No
Lift car (No. 3)	-	-	compact fluorescent	connected to lift call button	No
Garbage room (No. 2)	ventilation exhaust only	-	compact fluorescent	manual on / manual off	No
Plant or service room (No. 3)	ventilation supply only	thermostatically controlled	compact fluorescent	manual on / manual off	No
Hallway/lobby type (No. 1)	no mechanical ventilation	-	compact fluorescent	time clocks	No

Central energy systems	Type	Specification
Central hot water system (No. 1)	solar - gas boosted	Solar collector area (minimum, in square metres): 43 Piping insulation (ringmain & supply risers): (a) Piping external to building: R0.45 (~20 mm); (b) Piping internal to building: R0.45 (~20 mm)
Lift (No. 1)	gearless traction with V V V F motor	Number of levels (including basement): 29
Lift (No. 2)	gearless traction with V V V F motor	Number of levels (including basement): 29
Lift (No. 3)	gearless traction with V V V F motor	Number of levels (including basement): 29

2. Commitments for unit building - Tower 2

(a) Dwellings

(i) Water	Show on DA plans	Show on CC/CDC plans & specs	Certifier check
(a) The applicant must comply with the commitments listed below in carrying out the development of a dwelling listed in a table below.			
(b) The applicant must plant indigenous or low water use species of vegetation throughout the area of land specified for the dwelling in the "Indigenous species" column of the table below, as private landscaping for that dwelling. (This area of indigenous vegetation is to be contained within the "Area of garden and lawn" for the dwelling specified in the "Description of Project" table).	✓	✓	
(c) If a rating is specified in the table below for a fixture or appliance to be installed in the dwelling, the applicant must ensure that each such fixture and appliance meets the rating specified for it.		✓	✓
(d) The applicant must install an on demand hot water recirculation system which regulates all hot water use throughout the dwelling, where indicated for a dwelling in the "HW recirculation or diversion" column of the table below.		✓	✓
(e) The applicant must install:			
(aa) a hot water diversion system to all showers, kitchen sinks and all basins in the dwelling, where indicated for a dwelling in the "HW recirculation or diversion" column of the table below; and		✓	✓
(bb) a separate diversion tank (or tanks) connected to the hot water diversion systems of at least 100 litres. The applicant must connect the hot water diversion tank to all toilets in the dwelling.		✓	✓
(e) The applicant must not install a private swimming pool or spa for the dwelling, with a volume exceeding that specified for it in the table below.	✓	✓	
(f) If specified in the table, that pool or spa (or both) must have a pool cover or shading (or both).		✓	
(g) The pool or spa must be located as specified in the table.	✓	✓	
(h) The applicant must install, for the dwelling, each alternative water supply system, with the specified size, listed for that dwelling in the table below. Each system must be configured to collect run-off from the areas specified (excluding any area which supplies any other alternative water supply system), and to divert overflow as specified. Each system must be connected as specified.	✓	✓	✓

	Fixtures					Appliances		Individual pool				Individual spa		
Dwelling no.	All shower-heads	All toilet flushing systems	All kitchen taps	All bathroom taps	HW recirculation or diversion	All clothes washers	All dish-washers	Volume (max volume)	Pool cover	Pool location	Pool shaded	Volume (max volume)	Spa cover	Spa shaded
2601, 2602, 2603, 2604, 2608, 2609, 2610, 2701, 2702, 2703, 2704, 2705, 2706, 2707, 2801, 2802, 2803, 2804, 2805, 2806, 2807, 2901, 2902, 2903, 2904, 2905, 2906, 2907, 26C67	3 star (> 7.5 but <= 9 L/min)	3 star	4 star	3 star	-	4 star	4 star	-	-	-	-	-	-	-

	Fixtures					Appliances		Individual pool				Individual spa		
Dwelling no.	All shower-heads	All toilet flushing systems	All kitchen taps	All bathroom taps	HW recirculation or diversion	All clothes washers	All dish-washers	Volume (max volume)	Pool cover	Pool location	Pool shaded	Volume (max volume)	Spa cover	Spa shaded
0101, 0102, 0103, 0104, 0105, 0201, 0202, 0203, 0204, 0205, 0206, 0207, 0208, 0209, 0210, 0211, 0212, 0301, 0302, 0303, 0304, 0305, 0306, 0307, 0308, 0309, 0310, 0311, 0312, 0401, 0402, 0403, 0404, 0405, 0406, 0407, 0408, 0409, 0410, 0411,	3 star (> 7.5 but <= 9 L/min)	4 star	4 star	3 star	-	4 star	4 star	-	-	-	-	-	-	-

	Fixtures					Appliances		Individual pool				Individual spa		
Dwelling no.	All shower-heads	All toilet flushing systems	All kitchen taps	All bathroom taps	HW recirculation or diversion	All clothes washers	All dish-washers	Volume (max volume)	Pool cover	Pool location	Pool shaded	Volume (max volume)	Spa cover	Spa shaded
0412, 0501, 0502, 0503, 0504, 0505, 0506, 0507, 0508, 0509, 0510, 0511, 0512, 0601, 0602, 0603, 0604, 0605, 0606, 0607, 0608, 0609, 0610, 0611, 0612, 0701, 0702, 0703, 0704, 0705, 0706, 0707, 0708, 0709, 0710, 0711, 0712, 0801, 0802, 0803,														

	Fixtures					Appliances		Individual pool				Individual spa		
Dwelling no.	All shower-heads	All toilet flushing systems	All kitchen taps	All bathroom taps	HW recirculation or diversion	All clothes washers	All dish-washers	Volume (max volume)	Pool cover	Pool location	Pool shaded	Volume (max volume)	Spa cover	Spa shaded
0804, 0805, 0806, 0807, 0808, 0809, 0810, 0811, 0812, 0901, 0902, 0903, 0904, 0905, 0906, 0907, 0908, 0909, 0910, 0911, 0912, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1101, 1102, 1103, 1104, 1105, 1106, 1107,														

	Fixtures					Appliances		Individual pool				Individual spa		
Dwelling no.	All shower-heads	All toilet flushing systems	All kitchen taps	All bathroom taps	HW recirculation or diversion	All clothes washers	All dish-washers	Volume (max volume)	Pool cover	Pool location	Pool shaded	Volume (max volume)	Spa cover	Spa shaded
1108, 1109, 1110, 1111, 1112, 1201, 1202, 1203, 1204, 1205, 1206, 1207, 1208, 1209, 1210, 1211, 1212, 1301, 1302, 1303, 1304, 1305, 1306, 1307, 1308, 1309, 1310, 1311, 1312, 1401, 1402, 1403, 1404, 1405, 1406, 1407, 1408, 1409, 1410, 1411,														

	Fixtures					Appliances		Individual pool				Individual spa		
Dwelling no.	All shower-heads	All toilet flushing systems	All kitchen taps	All bathroom taps	HW recirculation or diversion	All clothes washers	All dish-washers	Volume (max volume)	Pool cover	Pool location	Pool shaded	Volume (max volume)	Spa cover	Spa shaded
1412, 1501, 1502, 1503, 1504, 1505, 1506, 1507, 1508, 1509, 1510, 1511, 1512, 1601, 1602, 1603, 1604, 1605, 1606, 1607, 1608, 1609, 1610, 1611, 1612, 1701, 1702, 1703, 1704, 1705, 1706, 1707, 1708, 1709, 1710, 1711, 1712, 1801, 1802, 1803,														

	Fixtures					Appliances		Individual pool				Individual spa		
Dwelling no.	All shower-heads	All toilet flushing systems	All kitchen taps	All bathroom taps	HW recirculation or diversion	All clothes washers	All dish-washers	Volume (max volume)	Pool cover	Pool location	Pool shaded	Volume (max volume)	Spa cover	Spa shaded
1804, 1805, 1806, 1807, 1808, 1809, 1810, 1811, 1812, 1901, 1902, 1903, 1904, 1905, 1906, 1907, 1908, 1909, 1910, 1911, 1912, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2101, 2102, 2103, 2104, 2105, 2106, 2107,														

	Fixtures					Appliances		Individual pool				Individual spa		
Dwelling no.	All shower-heads	All toilet flushing systems	All kitchen taps	All bathroom taps	HW recirculation or diversion	All clothes washers	All dish-washers	Volume (max volume)	Pool cover	Pool location	Pool shaded	Volume (max volume)	Spa cover	Spa shaded
2108, 2109, 2110, 2111, 2112, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2310, 2311, 2312, 2401, 2402, 2403, 2404, 2405, 2406, 2409, 2410, 2411, 2412, 2501, 2502, 2503,														

	Fixtures					Appliances		Individual pool				Individual spa		
Dwelling no.	All shower-heads	All toilet flushing systems	All kitchen taps	All bathroom taps	HW recirculation or diversion	All clothes washers	All dish-washers	Volume (max volume)	Pool cover	Pool location	Pool shaded	Volume (max volume)	Spa cover	Spa shaded
2504, 2505, 2508, 2509, 2510, 2511, 2605, 2611, 23C89, 24C78, 25C67														

	Alternative water source							
Dwelling no.	Alternative water supply systems	Size	Configuration	Landscape connection	Toilet connection (s)	Laundry connection	Pool top-up	Spa top-up
All dwellings	reticulated alternative water supply	-	See central systems	-	yes	-	-	-
None	-	-	-	-	-	-	-	-

(ii) Energy	Show on DA plans	Show on CC/CDC plans & specs	Certifier check
(a) The applicant must comply with the commitments listed below in carrying out the development of a dwelling listed in a table below.			
(b) The applicant must install each hot water system specified for the dwelling in the table below, so that the dwelling's hot water is supplied by that system. If the table specifies a central hot water system for the dwelling, then the applicant must connect that central system to the dwelling, so that the dwelling's hot water is supplied by that central system.	✓	✓	✓
(c) The applicant must install, in each bathroom, kitchen and laundry of the dwelling, the ventilation system specified for that room in the table below. Each such ventilation system must have the operation control specified for it in the table.		✓	✓

(ii) Energy	Show on DA plans	Show on CC/CDC plans & specs	Certifier check
(d) The applicant must install the cooling and heating system/s specified for the dwelling under the "Living areas" and "Bedroom areas" headings of the "Cooling" and "Heating" columns in the table below, in/for at least 1 living/bedroom area of the dwelling. If no cooling or heating system is specified in the table for "Living areas" or "Bedroom areas", then no systems may be installed in any such areas. If the term "zoned" is specified beside an air conditioning system, then the system must provide for day/night zoning between living areas and bedrooms.		✓	✓
(e) This commitment applies to each room or area of the dwelling which is referred to in a heading to the "Artificial lighting" column of the table below (but only to the extent specified for that room or area). The applicant must ensure that the "primary type of artificial lighting" for each such room in the dwelling is fluorescent lighting or light emitting diode (LED) lighting. If the term "dedicated" is specified for a particular room or area, then the light fittings in that room or area must only be capable of being used for fluorescent lighting or light emitting diode (LED) lighting.		✓	✓
(f) This commitment applies to each room or area of the dwelling which is referred to in a heading to the "Natural lighting" column of the table below (but only to the extent specified for that room or area). The applicant must ensure that each such room or area is fitted with a window and/or skylight.	✓	✓	✓
(g) This commitment applies if the applicant installs a water heating system for the dwelling's pool or spa. The applicant must: (aa) install the system specified for the pool in the "Individual Pool" column of the table below (or alternatively must not install any system for the pool). If specified, the applicant must install a timer, to control the pool's pump; and (bb) install the system specified for the spa in the "Individual Spa" column of the table below (or alternatively must not install any system for the spa). If specified, the applicant must install a timer to control the spa's pump.		✓ ✓	
(h) The applicant must install in the dwelling: (aa) the kitchen cook-top and oven specified for that dwelling in the "Appliances & other efficiency measures" column of the table below; (bb) each appliance for which a rating is specified for that dwelling in the "Appliances & other efficiency measures" column of the table, and ensure that the appliance has that minimum rating; and (cc) any clothes drying line specified for the dwelling in the "Appliances & other efficiency measures" column of the table.		✓ ✓ ✓	✓
(i) If specified in the table, the applicant must carry out the development so that each refrigerator space in the dwelling is "well ventilated".		✓	

	Hot water	Bathroom ventilation system		Kitchen ventilation system		Laundry ventilation system	
Dwelling no.	Hot water system	Each bathroom	Operation control	Each kitchen	Operation control	Each laundry	Operation control
2412	central hot water system 2	motorised damper into central duct + VSD	none (ie. continuous)	individual fan, not ducted	none (ie. continuous)	motorised damper into central duct + VSD	none (ie. continuous)

	Hot water	Bathroom ventilation system		Kitchen ventilation system		Laundry ventilation system	
Dwelling no.	Hot water system	Each bathroom	Operation control	Each kitchen	Operation control	Each laundry	Operation control
0105, 0206, 0212, 0306, 0312, 0406, 0412, 0506, 0512, 0606, 0612, 0706, 0712, 0806, 0812, 0906, 0912, 1006, 1012, 1106, 1112, 1206, 1212, 1306, 1312, 1406, 1412, 1506, 1512, 1606, 1612, 1706, 1712, 1806, 1812, 1906, 1912, 2006, 2012, 2106, 2112,	central hot water system 2	no mechanical ventilation (ie. natural)	-	individual fan, not ducted	manual switch on/off	motorised damper into central duct + VSD	manual switch on/off

	Hot water	Bathroom ventilation system		Kitchen ventilation system		Laundry ventilation system	
Dwelling no.	Hot water system	Each bathroom	Operation control	Each kitchen	Operation control	Each laundry	Operation control
2206, 2212, 2306, 2312, 2405, 2504, 2604							

	Hot water	Bathroom ventilation system		Kitchen ventilation system		Laundry ventilation system	
Dwelling no.	Hot water system	Each bathroom	Operation control	Each kitchen	Operation control	Each laundry	Operation control
0101, 0102, 0103, 0104, 0201, 0202, 0203, 0204, 0205, 0207, 0208, 0209, 0210, 0211, 0301, 0302, 0303, 0304, 0305, 0307, 0308, 0309, 0310, 0311, 0401, 0402, 0403, 0404, 0405, 0407, 0408, 0409, 0410, 0411, 0501, 0502, 0503, 0504, 0505, 0507, 0508,	central hot water system 2	motorised damper into central duct + VSD	manual switch on/off	individual fan, not ducted	manual switch on/off	motorised damper into central duct + VSD	manual switch on/off

	Hot water	Bathroom ventilation system		Kitchen ventilation system		Laundry ventilation system	
Dwelling no.	Hot water system	Each bathroom	Operation control	Each kitchen	Operation control	Each laundry	Operation control
0509, 0510, 0511, 0601, 0602, 0603, 0604, 0605, 0607, 0608, 0609, 0610, 0611, 0701, 0702, 0703, 0704, 0705, 0707, 0708, 0709, 0710, 0711, 0801, 0802, 0803, 0804, 0805, 0807, 0808, 0809, 0810, 0811, 0901, 0902, 0903, 0904, 0905, 0907, 0908, 0909,							

	Hot water	Bathroom ventilation system		Kitchen ventilation system		Laundry ventilation system	
Dwelling no.	Hot water system	Each bathroom	Operation control	Each kitchen	Operation control	Each laundry	Operation control
0910, 0911, 1001, 1002, 1003, 1004, 1005, 1007, 1008, 1009, 1010, 1011, 1101, 1102, 1103, 1104, 1105, 1107, 1108, 1109, 1110, 1111, 1201, 1202, 1203, 1204, 1205, 1207, 1208, 1209, 1210, 1211, 1301, 1302, 1303, 1304, 1305, 1307, 1308, 1309, 1310,							

	Hot water	Bathroom ventilation system		Kitchen ventilation system		Laundry ventilation system	
Dwelling no.	Hot water system	Each bathroom	Operation control	Each kitchen	Operation control	Each laundry	Operation control
1311, 1401, 1402, 1403, 1404, 1405, 1407, 1408, 1409, 1410, 1411, 1501, 1502, 1503, 1504, 1505, 1507, 1508, 1509, 1510, 1511, 1601, 1602, 1603, 1604, 1605, 1607, 1608, 1609, 1610, 1611, 1701, 1702, 1703, 1704, 1705, 1707, 1708, 1709, 1710, 1711,							

	Hot water	Bathroom ventilation system		Kitchen ventilation system		Laundry ventilation system	
Dwelling no.	Hot water system	Each bathroom	Operation control	Each kitchen	Operation control	Each laundry	Operation control
1801, 1802, 1803, 1804, 1805, 1807, 1808, 1809, 1810, 1811, 1901, 1902, 1903, 1904, 1905, 1907, 1908, 1909, 1910, 1911, 2001, 2002, 2003, 2004, 2005, 2007, 2008, 2009, 2010, 2011, 2101, 2102, 2103, 2104, 2105, 2107, 2108, 2109, 2110, 2111, 2201,							

	Hot water	Bathroom ventilation system		Kitchen ventilation system		Laundry ventilation system	
Dwelling no.	Hot water system	Each bathroom	Operation control	Each kitchen	Operation control	Each laundry	Operation control
2202, 2203, 2204, 2205, 2207, 2208, 2209, 2210, 2211, 2301, 2302, 2303, 2304, 2305, 2307, 2310, 2311, 2401, 2402, 2403, 2404, 2406, 2409, 2410, 2411, 2501, 2502, 2503, 2505, 2508, 2509, 2510, 2511, 2601, 2602, 2603, 2605, 2608, 2609, 2610, 2611,							

	Hot water	Bathroom ventilation system		Kitchen ventilation system		Laundry ventilation system	
Dwelling no.	Hot water system	Each bathroom	Operation control	Each kitchen	Operation control	Each laundry	Operation control
2701, 2702, 2703, 2704, 2705, 2706, 2707, 2801, 2802, 2803, 2804, 2805, 2806, 2807, 2901, 2902, 2903, 2904, 2905, 2906, 2907, 23C89, 24C78, 25C67, 26C67							

	Cooling		Heating		Artificial lighting						Natural lighting	
Dwelling no.	living areas	bedroom areas	living areas	bedroom areas	No. of bedrooms &/or study	No. of living &/or dining rooms	Each kitchen	All bathrooms/ toilets	Each laundry	All hallways	No. of bathrooms &/or toilets	Main kitchen
2701, 2704, 2801, 2804, 2901, 2904	1-phase airconditioning 5 Star (new rating) (zoned)	1-phase airconditioning 5 Star (new rating) (zoned)	1-phase airconditioning 5 Star (new rating) (zoned)	1-phase airconditioning 5 Star (new rating) (zoned)	4	1	yes	yes	yes	yes	0	yes

Dwelling no.	Cooling		Heating		Artificial lighting						Natural lighting	
	living areas	bedroom areas	living areas	bedroom areas	No. of bedrooms &/or study	No. of living &/or dining rooms	Each kitchen	All bathrooms/toilets	Each laundry	All hallways	No. of bathrooms &/or toilets	Main kitchen
2702, 2703, 2802, 2803, 2902, 2903, 23C89, 24C78, 26C67	1-phase airconditioning 5 Star (new rating) (zoned)	1-phase airconditioning 5 Star (new rating) (zoned)	1-phase airconditioning 5 Star (new rating) (zoned)	1-phase airconditioning 5 Star (new rating) (zoned)	3	1	yes	yes	yes	yes	0	yes

	Cooling		Heating		Artificial lighting						Natural lighting	
Dwelling no.	living areas	bedroom areas	living areas	bedroom areas	No. of bedrooms &/or study	No. of living &/or dining rooms	Each kitchen	All bathrooms/ toilets	Each laundry	All hallways	No. of bathrooms &/or toilets	Main kitchen
0105, 0206, 0212, 0306, 0312, 0406, 0412, 0506, 0512, 0606, 0612, 0706, 0712, 0806, 0812, 0906, 1006, 1012, 1106, 1112, 1206, 1212, 1306, 1312, 1406, 1412, 1506, 1512, 1606, 1612, 1706, 1712, 1806, 1812, 1906, 1912, 2006, 2012, 2106,	1-phase airconditioning 5 Star (new rating) (zoned)	1-phase airconditioning 5 Star (new rating) (zoned)	1-phase airconditioning 5 Star (new rating) (zoned)	1-phase airconditioning 5 Star (new rating) (zoned)	2	1	yes	yes	yes	yes	1	yes

Dwelling no.	Cooling		Heating		Artificial lighting						Natural lighting	
	living areas	bedroom areas	living areas	bedroom areas	No. of bedrooms &/or study	No. of living &/or dining rooms	Each kitchen	All bathrooms/toilets	Each laundry	All hallways	No. of bathrooms &/or toilets	Main kitchen
2112, 2206, 2212, 2306, 2312, 2405, 2504, 2604												

Dwelling no.	Cooling		Heating		Artificial lighting						Natural lighting	
	living areas	bedroom areas	living areas	bedroom areas	No. of bedrooms &/or study	No. of living &/or dining rooms	Each kitchen	All bathrooms/toilets	Each laundry	All hallways	No. of bathrooms &/or toilets	Main kitchen
0101, 0102, 0203, 0204, 0205, 0209, 0303, 0304, 0305, 0307, 0309, 0403, 0404, 0405, 0407, 0409, 0503, 0504, 0505, 0507, 0509, 0607, 0609, 0703, 0704, 0705, 0707, 0709, 0803, 0804, 0805, 0807, 0809, 0903, 0904, 0905, 0907, 0909, 1003,	1-phase airconditioning 5 Star (new rating) (zoned)	1-phase airconditioning 5 Star (new rating) (zoned)	1-phase airconditioning 5 Star (new rating) (zoned)	1-phase airconditioning 5 Star (new rating) (zoned)	1	1	yes	yes	yes	yes	0	yes

	Cooling		Heating		Artificial lighting						Natural lighting	
Dwelling no.	living areas	bedroom areas	living areas	bedroom areas	No. of bedrooms &/or study	No. of living &/or dining rooms	Each kitchen	All bathrooms/ toilets	Each laundry	All hallways	No. of bathrooms &/or toilets	Main kitchen
1004, 1005, 1007, 1009, 1103, 1104, 1105, 1107, 1109, 1203, 1204, 1205, 1207, 1209, 1303, 1304, 1305, 1307, 1309, 1403, 1404, 1405, 1407, 1409, 1503, 1504, 1505, 1507, 1509, 1603, 1604, 1605, 1607, 1609, 1703, 1704, 1705, 1707, 1709,												

	Cooling		Heating		Artificial lighting						Natural lighting	
Dwelling no.	living areas	bedroom areas	living areas	bedroom areas	No. of bedrooms &/or study	No. of living &/or dining rooms	Each kitchen	All bathrooms/ toilets	Each laundry	All hallways	No. of bathrooms &/or toilets	Main kitchen
1803, 1804, 1805, 1807, 1809, 1903, 1904, 1905, 1907, 1909, 2003, 2004, 2005, 2007, 2009, 2103, 2104, 2105, 2107, 2109, 2203, 2204, 2205, 2207, 2209, 2303, 2304, 2305, 2307, 2401, 2402, 2403, 2404, 2406, 2501												

Dwelling no.	Cooling		Heating		Artificial lighting						Natural lighting	
	living areas	bedroom areas	living areas	bedroom areas	No. of bedrooms &/or study	No. of living &/or dining rooms	Each kitchen	All bathrooms/toilets	Each laundry	All hallways	No. of bathrooms &/or toilets	Main kitchen
0103, 0104, 0201, 0202, 0207, 0208, 0210, 0211, 0301, 0302, 0308, 0310, 0311, 0401, 0402, 0408, 0410, 0411, 0501, 0502, 0508, 0510, 0511, 0601, 0602, 0603, 0604, 0605, 0608, 0610, 0611, 0701, 0702, 0708, 0710, 0711, 0801, 0802, 0808,	1-phase airconditioning 5 Star (new rating) (zoned)	1-phase airconditioning 5 Star (new rating) (zoned)	1-phase airconditioning 5 Star (new rating) (zoned)	1-phase airconditioning 5 Star (new rating) (zoned)	2	1	yes	yes	yes	yes	0	yes

	Cooling		Heating		Artificial lighting						Natural lighting	
Dwelling no.	living areas	bedroom areas	living areas	bedroom areas	No. of bedrooms &/or study	No. of living &/or dining rooms	Each kitchen	All bathrooms/ toilets	Each laundry	All hallways	No. of bathrooms &/or toilets	Main kitchen
0810, 0811, 0901, 0902, 0908, 0910, 0911, 0912, 1001, 1002, 1008, 1010, 1011, 1101, 1102, 1108, 1110, 1111, 1201, 1202, 1208, 1210, 1211, 1301, 1302, 1308, 1310, 1311, 1401, 1402, 1408, 1410, 1411, 1501, 1502, 1508, 1510, 1511, 1601,												

	Cooling		Heating		Artificial lighting						Natural lighting	
Dwelling no.	living areas	bedroom areas	living areas	bedroom areas	No. of bedrooms &/or study	No. of living &/or dining rooms	Each kitchen	All bathrooms/ toilets	Each laundry	All hallways	No. of bathrooms &/or toilets	Main kitchen
1602, 1608, 1610, 1611, 1701, 1702, 1708, 1710, 1711, 1801, 1802, 1808, 1810, 1811, 1901, 1902, 1908, 1910, 1911, 2001, 2002, 2008, 2010, 2011, 2101, 2102, 2108, 2110, 2111, 2201, 2202, 2208, 2210, 2211, 2301, 2302, 2310, 2311, 2409,												

	Cooling		Heating		Artificial lighting						Natural lighting	
Dwelling no.	living areas	bedroom areas	living areas	bedroom areas	No. of bedrooms &/or study	No. of living &/or dining rooms	Each kitchen	All bathrooms/ toilets	Each laundry	All hallways	No. of bathrooms &/or toilets	Main kitchen
2410, 2411, 2412, 2502, 2503, 2505, 2508, 2509, 2510, 2511, 2601, 2602, 2603, 2605, 2608, 2609, 2610, 2611, 2705, 2706, 2707, 2805, 2806, 2807, 2905, 2906, 2907, 25C67												

	Individual pool		Individual spa		Appliances & other efficiency measures							
Dwelling no.	Pool heating system	Timer	Spa heating system	Timer	Kitchen cooktop/oven	Refrigerator	Well ventilated fridge space	Dishwasher	Clothes washer	Clothes dryer	Indoor or sheltered clothes drying line	Private outdoor or unsheltered clothes drying line
All dwellings	-	-	-	-	gas cooktop & electric oven	-	-	3 star	4.5 star	4.5 star	no	no

(iii) Thermal Comfort	Show on DA plans	Show on CC/CDC plans & specs	Certifier check
(a) The applicant must attach the certificate referred to under "Assessor details" on the front page of this BASIX certificate (the "Assessor Certificate") to the development application and construction certificate application for the proposed development (or, if the applicant is applying for a complying development certificate for the proposed development, to that application). The applicant must also attach the Assessor Certificate to the application for a final occupation certificate for the proposed development.			
(b) The Assessor Certificate must have been issued by an Accredited Assessor in accordance with the Thermal Comfort Protocol.			
(c) The details of the proposed development on the Assessor Certificate must be consistent with the details shown in this BASIX Certificate, including the details shown in the "Thermal Loads" table below.			
(d) The applicant must show on the plans accompanying the development application for the proposed development, all matters which the Thermal Comfort Protocol requires to be shown on those plans. Those plans must bear a stamp of endorsement from the Accredited Assessor, to certify that this is the case.			
(e) The applicant must show on the plans accompanying the application for a construction certificate (or complying development certificate, if applicable), all thermal performance specifications set out in the Assessor Certificate, and all aspects of the proposed development which were used to calculate those specifications.			
(f) The applicant must construct the development in accordance with all thermal performance specifications set out in the Assessor Certificate, and in accordance with those aspects of the development application or application for a complying development certificate which were used to calculate those specifications.		✓	✓
(g) Where there is an in-slab heating or cooling system, the applicant must: (aa) Install insulation with an R-value of not less than 1.0 around the vertical edges of the perimeter of the slab; or (bb) On a suspended floor, install insulation with an R-value of not less than 1.0 underneath the slab and around the vertical edges of the perimeter of the slab.	✓	✓	✓
(h) The applicant must construct the floors and walls of the development in accordance with the specifications listed in the table below.	✓	✓	✓

	Thermal loads	
Dwelling no.	Area adjusted heating load (in mJ/m²/yr)	Area adjusted cooling load (in mJ/m²/yr)
0101	59.7	19.3
0102	63.4	35.1
0103	64.6	26.6
0104	43.2	17.6
0105	38	22.2
0201	53.1	51.7
0202	51	50.1
0203	36	49.3
0204	54.2	37.8
0205	60.8	47.7
0207	64.4	39.2
0208	65.5	43.3
0209	47.5	51.1
0210	62.9	19.5
0211	64.6	29.4
0212	63.1	36.1
0504	50.5	21.9
0506	58.8	19.7
1112	64	55.7
2301	49.9	53.4
2302	53.1	53.1
2311	46	29.9
2312	58.1	41.8
2402	7.6	38.1
2403	7.7	29.9
2404	36.9	39.7
2503	17.5	45.3

	Thermal loads	
Dwelling no.	Area adjusted heating load (in mJ/m²/yr)	Area adjusted cooling load (in mJ/m²/yr)
2601	63.5	58.8
2603	26.7	40.1
2604	35.2	51.5
2605	29.8	33.7
2611	29.8	27.4
2703	58.9	24.6
2803	63.4	22.5
2901	27.7	50.7
2902	47.2	47.9
2903	64.7	25.8
2904	17.6	56.2
2905	34.3	45.5
2906	38.8	57.8
2907	65.9	48.3
23C89	52.8	49.3
26C67	58.5	44.3
0912, 1012	60	29.3
2401, 2501	46.1	52.4
2405, 2504	31.5	28.5
2406, 2505	18.3	27.3
2412, 2511	23.3	40.9
2502, 2602	14.8	45.8
2701, 2801	13.2	58.1
2702, 2802	8.9	35.6
2704, 2804	13.9	57.6
24C78, 25C67	52.5	49
0905, 1005, 1105	59.9	31

Dwelling no.	Thermal loads	
	Area adjusted heating load (in mJ/m ² /yr)	Area adjusted cooling load (in mJ/m ² /yr)
0906, 1006, 1106	58	21.7
0911, 1011, 1111	58	25.6
2409, 2508, 2608, 2705, 2805	6.2	36.5
2410, 2509, 2609, 2706, 2806	18.8	55.9
2411, 2510, 2610, 2707, 2807	21.5	57
0206, 0306, 0406, 0606, 0706, 0806	58.5	19.7
0305, 0405, 0505, 0605, 0705, 0805	60.1	31.1
0311, 0411, 0511, 0611, 0711, 0811	64	22.9
0312, 0412, 0512, 0612, 0712, 0812	61.4	28
1211, 1311, 1411, 1511, 1611, 1711, 1811, 1911, 2011, 2111, 2211	58.1	25.6
1212, 1312, 1412, 1512, 1612, 1712, 1812, 1912, 2012, 2112, 2212	57.2	33.8
1205, 1305, 1405, 1505, 1605, 1705, 1805, 1905, 2005, 2105, 2205, 2305	59.2	31.2
1206, 1306, 1406, 1506, 1606, 1706, 1806, 1906, 2006, 2106, 2206, 2306	56.4	20.6
0301, 0401, 0501, 0601, 0701, 0801, 0901, 1001, 1101, 1201, 1301, 1401, 1501, 1601, 1701, 1801, 1901, 2001, 2101, 2201	46.8	35.8
0302, 0402, 0502, 0602, 0702, 0802, 0902, 1002, 1102, 1202, 1302, 1402, 1502, 1602, 1702, 1802, 1902, 2002, 2102, 2202	44	56.9

	Thermal loads	
Dwelling no.	Area adjusted heating load (in mJ/m ² /yr)	Area adjusted cooling load (in mJ/m ² /yr)
0304, 0404, 0604, 0704, 0804, 0904, 1004, 1104, 1204, 1304, 1404, 1504, 1604, 1704, 1804, 1904, 2004, 2104, 2204, 2304	50.5	21.6
0308, 0408, 0508, 0608, 0708, 0808, 0908, 1008, 1108, 1208, 1308, 1408, 1508, 1608, 1708, 1808, 1908, 2008, 2108, 2208	50.2	28.9
0309, 0409, 0509, 0609, 0709, 0809, 0909, 1009, 1109, 1209, 1309, 1409, 1509, 1609, 1709, 1809, 1909, 2009, 2109, 2209	46.9	35.4
0303, 0403, 0503, 0603, 0703, 0803, 0903, 1003, 1103, 1203, 1303, 1403, 1503, 1603, 1703, 1803, 1903, 2003, 2103, 2203, 2303	31.3	34.7
0307, 0407, 0507, 0607, 0707, 0807, 0907, 1007, 1107, 1207, 1307, 1407, 1507, 1607, 1707, 1807, 1907, 2007, 2107, 2207, 2307	51	25.2
All other dwellings	36.6	21.1

(b) Common areas and central systems/facilities

(i) Water	Show on DA plans	Show on CC/CDC plans & specs	Certifier check
(a) If, in carrying out the development, the applicant installs a showerhead, toilet, tap or clothes washer into a common area, then that item must meet the specifications listed for it in the table.		✓	✓
(b) The applicant must install (or ensure that the development is serviced by) the alternative water supply system(s) specified in the "Central systems" column of the table below. In each case, the system must be sized, be configured, and be connected, as specified in the table.	✓	✓	✓
(c) A swimming pool or spa listed in the table must not have a volume (in kLs) greater than that specified for the pool or spa in the table.	✓	✓	
(d) A pool or spa listed in the table must have a cover or shading if specified for the pool or spa in the table.		✓	
(e) The applicant must install each fire sprinkler system listed in the table so that the system is configured as specified in the table.		✓	✓
(f) The applicant must ensure that the central cooling system for a cooling tower is configured as specified in the table.		✓	✓

Common area	Showerheads rating	Toilets rating	Taps rating	Clothes washers rating
All common areas	3 star (> 7.5 but ≤ 9 L/min)	4 star	4 star	no common laundry facility

(ii) Energy	Show on DA plans	Show on CC/CDC plans & specs	Certifier check
(a) If, in carrying out the development, the applicant installs a ventilation system to service a common area specified in the table below, then that ventilation system must be of the type specified for that common area, and must meet the efficiency measure specified.		✓	✓
(b) In carrying out the development, the applicant must install, as the "primary type of artificial lighting" for each common area specified in the table below, the lighting specified for that common area. This lighting must meet the efficiency measure specified. The applicant must also install a centralised lighting control system or Building Management System (BMS) for the common area, where specified.		✓	✓
(c) The applicant must install the systems and fixtures specified in the "Central energy systems" column of the table below. In each case, the system or fixture must be of the type, and meet the specifications, listed for it in the table.	✓	✓	✓

Common area	Common area ventilation system		Common area lighting		
	Ventilation system type	Ventilation efficiency measure	Primary type of artificial lighting	Lighting efficiency measure	Lighting control system/BMS
Lift car (No. 4)	-	-	compact fluorescent	connected to lift call button	No
Lift car (No. 5)	-	-	compact fluorescent	connected to lift call button	No
Lift car (No. 6)	-	-	compact fluorescent	connected to lift call button	No
Garbage room (No. 3)	ventilation exhaust only	-	compact fluorescent	manual on / manual off	No
Plant or service room (No. 4)	ventilation supply only	thermostatically controlled	compact fluorescent	manual on / manual off	No
Hallway/lobby type (No. 2)	no mechanical ventilation	-	compact fluorescent	time clocks	No

Central energy systems	Type	Specification
Central hot water system (No. 2)	solar - gas boosted	Solar collector area (minimum, in square metres): 43 Piping insulation (ringmain & supply risers): (a) Piping external to building: R0.45 (~20 mm); (b) Piping internal to building: R0.45 (~20 mm)
Lift (No. 4)	geared traction with V V A C motor	Number of levels (including basement): 34
Lift (No. 5)	gearless traction with V V V F motor	Number of levels (including basement): 34
Lift (No. 6)	gearless traction with V V V F motor	Number of levels (including basement): 34

5. Commitments for common areas and central systems/facilities for the development (non-building specific)

(b) Common areas and central systems/facilities

(i) Water	Show on DA plans	Show on CC/CDC plans & specs	Certifier check
(a) If, in carrying out the development, the applicant installs a showerhead, toilet, tap or clothes washer into a common area, then that item must meet the specifications listed for it in the table.		✓	✓
(b) The applicant must install (or ensure that the development is serviced by) the alternative water supply system(s) specified in the "Central systems" column of the table below. In each case, the system must be sized, be configured, and be connected, as specified in the table.	✓	✓	✓
(c) A swimming pool or spa listed in the table must not have a volume (in kLs) greater than that specified for the pool or spa in the table.	✓	✓	
(d) A pool or spa listed in the table must have a cover or shading if specified for the pool or spa in the table.		✓	
(e) The applicant must install each fire sprinkler system listed in the table so that the system is configured as specified in the table.		✓	✓
(f) The applicant must ensure that the central cooling system for a cooling tower is configured as specified in the table.		✓	✓

Common area	Showerheads rating	Toilets rating	Taps rating	Clothes washers rating
All common areas	3 star (> 7.5 but <= 9 L/min)	4 star	4 star	no common laundry facility

Central systems	Size	Configuration	Connection (to allow for...)
Reticulated alternative water supply	-	Installation of plumbing to make provision for connection to Sydney Olympic Park Authority reticulated alternative water supply.	- irrigation of 5200 square metres of common landscaped area on the site - car washing in null car washing bays on the site
Fire sprinkler system (No. 1)	-	-	-

(ii) Energy	Show on DA plans	Show on CC/CDC plans & specs	Certifier check
(a) If, in carrying out the development, the applicant installs a ventilation system to service a common area specified in the table below, then that ventilation system must be of the type specified for that common area, and must meet the efficiency measure specified.		✓	✓
(b) In carrying out the development, the applicant must install, as the "primary type of artificial lighting" for each common area specified in the table below, the lighting specified for that common area. This lighting must meet the efficiency measure specified. The applicant must also install a centralised lighting control system or Building Management System (BMS) for the common area, where specified.		✓	✓
(c) The applicant must install the systems and fixtures specified in the "Central energy systems" column of the table below. In each case, the system or fixture must be of the type, and meet the specifications, listed for it in the table.	✓	✓	✓

Common area	Common area ventilation system		Common area lighting		
	Ventilation system type	Ventilation efficiency measure	Primary type of artificial lighting	Lighting efficiency measure	Lighting control system/BMS
Gym (No. 1)	air conditioning system	time clock or BMS controlled	compact fluorescent	time clocks	No
Car park area (Ground Level)	no mechanical ventilation	-	compact fluorescent	time clock and motion sensors	No
Car park area (B1 and B2)	ventilation exhaust only	carbon monoxide monitor + VSD fan	compact fluorescent	time clock and motion sensors	No
Car park area (B3 and B4)	ventilation (supply + exhaust)	carbon monoxide monitor + VSD fan	compact fluorescent	time clock and motion sensors	No
Garbage room (No. 1)	ventilation exhaust only	-	compact fluorescent	manual on / manual off	No
Community room (No. 1)	air conditioning system	time clock or BMS controlled	compact fluorescent	time clocks	No
Plant or service room (No. 1)	no mechanical ventilation	-	compact fluorescent	manual on / manual off	No
Plant or service room (No. 2)	ventilation supply only	thermostatically controlled	compact fluorescent	manual on / manual off	No
Storage (No. 1)	ventilation supply only	time clock or BMS controlled	compact fluorescent	manual on / manual off	No
Mail Room	ventilation supply only	time clock or BMS controlled	compact fluorescent	manual on / manual off	No
Change rooms/WC	ventilation supply only	time clock or BMS controlled	compact fluorescent	time clocks	No
Ground floor lobby type (No. 1)	no mechanical ventilation	-	compact fluorescent	time clocks	No

Notes

1. In these commitments, "applicant" means the person carrying out the development.
2. The applicant must identify each dwelling, building and common area listed in this certificate, on the plans accompanying any development application, and on the plans and specifications accompanying the application for a construction certificate / complying development certificate, for the proposed development, using the same identifying letter or reference as is given to that dwelling, building or common area in this certificate.
3. This note applies if the proposed development involves the erection of a building for both residential and non-residential purposes (or the change of use of a building for both residential and non-residential purposes). Commitments in this certificate which are specified to apply to a "common area" of a building or the development, apply only to that part of the building or development to be used for residential purposes.
4. If this certificate lists a central system as a commitment for a dwelling or building, and that system will also service any other dwelling or building within the development, then that system need only be installed once (even if it is separately listed as a commitment for that other dwelling or building).
5. If a star or other rating is specified in a commitment, this is a minimum rating.
6. All alternative water systems to be installed under these commitments (if any), must be installed in accordance with the requirements of all applicable regulatory authorities. NOTE: NSW Health does not recommend that stormwater, recycled water or private dam water be used to irrigate edible plants which are consumed raw, or that rainwater be used for human consumption in areas with potable water supply.

Legend

1. Commitments identified with a "✓" in the "Show on DA plans" column must be shown on the plans accompanying the development application for the proposed development (if a development application is to be lodged for the proposed development).
2. Commitments identified with a "✓" in the "Show on CC/CDC plans and specs" column must be shown in the plans and specifications accompanying the application for a construction certificate / complying development certificate for the proposed development.
3. Commitments identified with a "✓" in the "Certifier check" column must be certified by a certifying authority as having been fulfilled. (Note: a certifying authority must not issue an occupation certificate (either interim or final) for a building listed in this certificate, or for any part of such a building, unless it is satisfied that each of the commitments whose fulfilment it is required to monitor in relation to the building or part, has been fulfilled).