

BASIX[®]Certificate

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

Multi Dwelling

Certificate number: 855150M_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 06/10/2017 published by the Department. This document is available at www.basix.nsw.gov.au

This certificate is a revision of certificate number 855150M lodged with the consent authority or certifier on 11 September 2017 with application 382/2017.




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

Secretary

Date of issue: Monday, 23 July 2018

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



Project summary		
Project name	EC 781 - Queen St, Auburn NSW _03	
Street address	1A/1B Queen Street Auburn 2144	
Local Government Area	Cumberland Council	
Plan type and plan number	deposited 1160950	
Lot no.	1	
Section no.	-	
No. of residential flat buildings	3	
No. of units in residential flat buildings	595	
No. of multi-dwelling houses	0	
No. of single dwelling houses	0	
Project score		
Water	 41	Target 40
Thermal Comfort	 Pass	Target Pass
Energy	 32	Target 25

Certificate Prepared by

Name / Company Name: Eco Certificates Pty Ltd

ABN (if applicable): 166705488

Description of project

Project address

Project name	EC 781 - Queen St, Auburn NSW _03
Street address	1A/1B Queen Street Auburn 2144
Local Government Area	Cumberland Council
Plan type and plan number	deposited 1160950
Lot no.	1
Section no.	-

Project type

No. of residential flat buildings	3
No. of units in residential flat buildings	595
No. of multi-dwelling houses	0
No. of single dwelling houses	0

Site details

Site area (m²)	26876
Roof area (m²)	10674
Non-residential floor area (m²)	0.0
Residential car spaces	654
Non-residential car spaces	0

Common area landscape

Common area lawn (m²)	814.0
Common area garden (m²)	5077.0
Area of indigenous or low water use species (m²)	4174.0

Assessor details

Assessor number	BDAV/12/1462
Certificate number	0001891450
Climate zone	56

Project score

Water	✓ 41	Target 40
Thermal Comfort	✓ Pass	Target Pass
Energy	✓ 32	Target 25

Description of project

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

Residential flat buildings - A, 193 dwellings, 8 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)
A1101	2	81.9	0.0	0.0	0.0
A1105	1	53.2	0.0	0.0	0.0
A1109	2	96.5	0.0	0.0	0.0
A1202	2	79.3	0.0	0.0	0.0
A1206	1	56.2	0.0	0.0	0.0
A1210	2	75.2	0.0	0.0	0.0
A1303	2	85.2	0.0	0.0	0.0
A1307	2	82.1	0.0	0.0	0.0
A1311	3	94.0	0.0	0.0	0.0
A1404	2	88.2	0.0	0.0	0.0
A1408	2	85.9	0.0	0.0	0.0
A1501	2	74.6	0.0	0.0	0.0
A1505	1	82.4	0.0	0.0	0.0
A1510	2	75.2	0.0	0.0	0.0
A1603	2	82.4	0.0	0.0	0.0
A1607	2	96.5	0.0	0.0	0.0
A1702	2	83.2	0.0	0.0	0.0
A1706	3	96.5	0.0	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)
A1102	2	79.7	0.0	0.0	0.0
A1106	1	56.2	0.0	0.0	0.0
A1110	2	75.2	0.0	0.0	0.0
A1203	2	85.2	0.0	0.0	0.0
A1207	2	82.1	0.0	0.0	0.0
A1211	3	94.0	0.0	0.0	0.0
A1304	2	88.2	0.0	0.0	0.0
A1308	2	85.9	0.0	0.0	0.0
A1401	2	81.9	0.0	0.0	0.0
A1405	1	53.2	0.0	0.0	0.0
A1409	3	96.5	0.0	0.0	0.0
A1502	2	94.0	0.0	0.0	0.0
A1506	2	82.7	0.0	0.0	0.0
A1511	3	94.0	0.0	0.0	0.0
A1604	2	82.7	0.0	0.0	0.0
A1608	2	75.2	0.0	0.0	0.0
A1703	1	54.0	0.0	0.0	0.0
A1707	2	75.2	0.0	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)
A1103	2	85.2	0.0	0.0	0.0
A1107	1	63.2	0.0	0.0	0.0
A1111	2	84.8	0.0	0.0	0.0
A1204	2	88.2	0.0	0.0	0.0
A1208	2	85.9	0.0	0.0	0.0
A1301	2	81.9	0.0	0.0	0.0
A1305	1	53.2	0.0	0.0	0.0
A1309	2	96.5	0.0	0.0	0.0
A1402	2	79.3	0.0	0.0	0.0
A1406	1	56.2	0.0	0.0	0.0
A1410	2	75.2	0.0	0.0	0.0
A1503	2	74.6	0.0	0.0	0.0
A1508	2	85.9	0.0	0.0	0.0
A1601	2	78.6	0.0	0.0	0.0
A1605	1	51.1	0.0	0.0	0.0
A1609	2	85.9	0.0	0.0	0.0
A1704	3	97.4	0.0	0.0	0.0
A1708	2	85.9	0.0	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)
A1104	2	88.2	0.0	0.0	0.0
A1108	2	79.0	0.0	0.0	0.0
A1201	2	81.3	0.0	0.0	0.0
A1205	1	53.2	0.0	0.0	0.0
A1209	3	96.5	0.0	0.0	0.0
A1302	2	79.7	0.0	0.0	0.0
A1306	1	56.2	0.0	0.0	0.0
A1310	2	75.2	0.0	0.0	0.0
A1403	2	85.2	0.0	0.0	0.0
A1407	2	82.1	0.0	0.0	0.0
A1411	3	94.0	0.0	0.0	0.0
A1504	2	75.3	0.0	0.0	0.0
A1509	3	96.5	0.0	0.0	0.0
A1602	2	75.3	0.0	0.0	0.0
A1606	2	73.8	0.0	0.0	0.0
A1701	2	78.6	0.0	0.0	0.0
A1705	3	96.7	0.0	0.0	0.0
A1G01	2	83.4	0.0	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)
A1G02	1	53.2	0.0	0.0	0.0
A1G06	1	53.2	0.0	0.0	0.0
A1G10	2	81.3	0.0	0.0	0.0
A2103	2	77.4	0.0	0.0	0.0
A2107	2	79.0	0.0	0.0	0.0
A2204	2	77.4	0.0	0.0	0.0
A2208	2	79.0	0.0	0.0	0.0
A2304	2	77.4	0.0	0.0	0.0
A2308	2	53.2	0.0	0.0	0.0
A2404	2	77.4	0.0	0.0	0.0
A2408	2	79.0	0.0	0.0	0.0
A2504	2	77.4	0.0	0.0	0.0
A2508	2	79.0	0.0	0.0	0.0
A2G04	2	78.3	0.0	0.0	0.0
A2G08	2	79.0	0.0	0.0	0.0
A3104	2	93.8	0.0	0.0	0.0
A3108	2	81.9	0.0	0.0	0.0
A3204	2	93.8	0.0	0.0	0.0
A3208	2	81.9	0.0	0.0	0.0
A3G04	2	93.8	0.0	0.0	0.0
A3G08	2	81.9	0.0	0.0	0.0
A4104	2	79.0	0.0	0.0	0.0
A4108	2	75.9	0.0	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)
A1G03	2	97.5	0.0	0.0	0.0
A1G07	1	56.2	0.0	0.0	0.0
A1G11	2	81.2	0.0	0.0	0.0
A2104	2	77.4	0.0	0.0	0.0
A2201	1	53.2	0.0	0.0	0.0
A2205	2	83.1	0.0	0.0	0.0
A2301	1	53.2	0.0	0.0	0.0
A2305	2	83.1	0.0	0.0	0.0
A2401	1	53.2	0.0	0.0	0.0
A2405	2	83.1	0.0	0.0	0.0
A2501	1	53.2	0.0	0.0	0.0
A2505	2	83.1	0.0	0.0	0.0
A2G01	1	53.2	0.0	0.0	0.0
A2G05	3	109.0	0.0	0.0	0.0
A3101	2	87.8	0.0	0.0	0.0
A3105	2	76.5	0.0	0.0	0.0
A3201	2	87.8	0.0	0.0	0.0
A3205	2	76.5	0.0	0.0	0.0
A3G01	2	87.8	0.0	0.0	0.0
A3G05	2	76.5	0.0	0.0	0.0
A4101	2	53.2	0.0	0.0	0.0
A4105	2	79.0	0.0	0.0	0.0
A4201	2	53.2	0.0	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)
A1G04	2	92.1	0.0	0.0	0.0
A1G08	1	63.2	0.0	0.0	0.0
A2101	1	53.2	0.0	0.0	0.0
A2105	2	79.0	0.0	0.0	0.0
A2202	2	86.3	0.0	0.0	0.0
A2206	2	79.0	0.0	0.0	0.0
A2302	2	86.3	0.0	0.0	0.0
A2306	2	79.0	0.0	0.0	0.0
A2402	2	86.3	0.0	0.0	0.0
A2406	2	79.0	0.0	0.0	0.0
A2502	2	86.3	0.0	0.0	0.0
A2506	2	79.0	0.0	0.0	0.0
A2G02	2	79.0	0.0	0.0	0.0
A2G06	2	79.0	0.0	0.0	0.0
A3102	2	76.5	0.0	0.0	0.0
A3106	2	82.0	0.0	0.0	0.0
A3202	2	76.5	0.0	0.0	0.0
A3206	2	82.0	0.0	0.0	0.0
A3G02	2	76.5	0.0	0.0	0.0
A3G06	2	82.0	0.0	0.0	0.0
A4102	2	52.0	0.0	0.0	0.0
A4106	1	53.6	0.0	0.0	0.0
A4202	2	52.0	0.0	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)
A1G05	2	88.2	0.0	0.0	0.0
A1G09	2	79.0	0.0	0.0	0.0
A2102	2	79.0	0.0	0.0	0.0
A2106	2	79.0	0.0	0.0	0.0
A2203	2	77.4	0.0	0.0	0.0
A2207	2	79.0	0.0	0.0	0.0
A2303	2	77.4	0.0	0.0	0.0
A2307	2	79.0	0.0	0.0	0.0
A2403	2	77.4	0.0	0.0	0.0
A2407	2	79.0	0.0	0.0	0.0
A2503	2	77.4	0.0	0.0	0.0
A2507	2	79.0	0.0	0.0	0.0
A2G03	2	78.3	0.0	0.0	0.0
A2G07	2	79.0	0.0	0.0	0.0
A3103	2	93.8	0.0	0.0	0.0
A3107	3	100.7	0.0	0.0	0.0
A3203	2	93.8	0.0	0.0	0.0
A3207	3	100.7	0.0	0.0	0.0
A3G03	2	93.8	0.0	0.0	0.0
A3G07	3	100.7	0.0	0.0	0.0
A4103	2	79.0	0.0	0.0	0.0
A4107	2	75.9	0.0	0.0	0.0
A4203	2	79.0	0.0	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)
A4204	2	79.0	0.0	0.0	0.0
A4208	2	75.9	0.0	0.0	0.0
A4304	2	79.0	0.0	0.0	0.0
A4308	2	75.9	0.0	0.0	0.0
A4404	2	79.0	0.0	0.0	0.0
A4408	2	75.9	0.0	0.0	0.0
A4G04	2	83.4	0.0	0.0	0.0
A4G08	2	53.6	0.0	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)
A4205	2	79.0	0.0	0.0	0.0
A4301	1	53.2	0.0	0.0	0.0
A4305	2	79.0	0.0	0.0	0.0
A4401	1	53.2	0.0	0.0	0.0
A4405	2	79.0	0.0	0.0	0.0
A4G01	1	53.2	0.0	0.0	0.0
A4G05	2	82.8	0.0	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)
A4206	2	53.6	0.0	0.0	0.0
A4302	2	52.0	0.0	0.0	0.0
A4306	2	53.6	0.0	0.0	0.0
A4402	2	52.0	0.0	0.0	0.0
A4406	1	53.6	0.0	0.0	0.0
A4G02	1	52.0	0.0	0.0	0.0
A4G06	2	85.6	0.0	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)
A4207	2	75.9	0.0	0.0	0.0
A4303	2	79.0	0.0	0.0	0.0
A4307	2	75.9	0.0	0.0	0.0
A4403	2	79.0	0.0	0.0	0.0
A4407	2	75.9	0.0	0.0	0.0
A4G03	2	86.3	0.0	0.0	0.0
A4G07	2	79.0	0.0	0.0	0.0

Residential flat buildings - B, 201 dwellings, 8 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)
B1101	2	81.9	0.0	0.0	0.0
B1105	1	53.2	0.0	0.0	0.0
B1109	3	96.5	0.0	0.0	0.0
B1202	2	79.3	0.0	0.0	0.0
B1206	1	56.2	0.0	0.0	0.0
B1210	2	75.2	0.0	0.0	0.0
B1303	2	85.2	0.0	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)
B1102	2	79.7	0.0	0.0	0.0
B1106	1	56.2	0.0	0.0	0.0
B1110	2	75.2	0.0	0.0	0.0
B1203	2	85.2	0.0	0.0	0.0
B1207	2	82.1	0.0	0.0	0.0
B1211	3	94.0	0.0	0.0	0.0
B1304	2	88.2	0.0	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)
B1103	2	85.2	0.0	0.0	0.0
B1107	1	63.2	0.0	0.0	0.0
B1111	2	84.8	0.0	0.0	0.0
B1204	2	88.2	0.0	0.0	0.0
B1208	2	85.9	0.0	0.0	0.0
B1301	2	81.9	0.0	0.0	0.0
B1305	1	53.2	0.0	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)
B1104	2	88.2	0.0	0.0	0.0
B1108	2	79.0	0.0	0.0	0.0
B1201	2	81.3	0.0	0.0	0.0
B1205	1	53.2	0.0	0.0	0.0
B1209	3	96.5	0.0	0.0	0.0
B1302	2	79.7	0.0	0.0	0.0
B1306	1	56.2	0.0	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)
B1307	2	82.1	0.0	0.0	0.0
B1311	3	94.0	0.0	0.0	0.0
B1404	2	88.2	0.0	0.0	0.0
B1408	2	85.9	0.0	0.0	0.0
B1501	2	74.6	0.0	0.0	0.0
B1505	1	51.1	0.0	0.0	0.0
B1510	2	75.2	0.0	0.0	0.0
B1603	2	82.4	0.0	0.0	0.0
B1607	3	96.5	0.0	0.0	0.0
B1702	2	83.2	0.0	0.0	0.0
B1706	3	96.5	0.0	0.0	0.0
B1G02	1	53.2	0.0	0.0	0.0
B1G06	1	53.2	0.0	0.0	0.0
B1G10	2	81.3	0.0	0.0	0.0
B2103	2	77.4	0.0	0.0	0.0
B2107	2	79.0	0.0	0.0	0.0
B2204	2	77.4	0.0	0.0	0.0
B2208	2	79.0	0.0	0.0	0.0
B2304	2	77.4	0.0	0.0	0.0
B2308	2	79.0	0.0	0.0	0.0
B2404	2	77.4	0.0	0.0	0.0
B2408	2	79.0	0.0	0.0	0.0
B2504	2	77.4	0.0	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)
B1308	2	85.9	0.0	0.0	0.0
B1401	2	81.9	0.0	0.0	0.0
B1405	1	53.2	0.0	0.0	0.0
B1409	3	96.5	0.0	0.0	0.0
B1502	2	75.3	0.0	0.0	0.0
B1506	2	82.7	0.0	0.0	0.0
B1511	3	94.0	0.0	0.0	0.0
B1604	2	82.7	0.0	0.0	0.0
B1608	2	75.2	0.0	0.0	0.0
B1703	1	54.0	0.0	0.0	0.0
B1707	2	75.2	0.0	0.0	0.0
B1G03	2	97.5	0.0	0.0	0.0
B1G07	1	56.2	0.0	0.0	0.0
B1G11	2	81.2	0.0	0.0	0.0
B2104	2	77.4	0.0	0.0	0.0
B2201	1	53.2	0.0	0.0	0.0
B2205	2	83.1	0.0	0.0	0.0
B2301	1	53.2	0.0	0.0	0.0
B2305	2	83.1	0.0	0.0	0.0
B2401	1	53.2	0.0	0.0	0.0
B2405	2	83.1	0.0	0.0	0.0
B2501	1	53.2	0.0	0.0	0.0
B2505	2	83.1	0.0	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)
B1309	3	96.5	0.0	0.0	0.0
B1402	2	79.3	0.0	0.0	0.0
B1406	1	56.2	0.0	0.0	0.0
B1410	2	75.2	0.0	0.0	0.0
B1503	2	82.4	0.0	0.0	0.0
B1508	2	85.9	0.0	0.0	0.0
B1601	2	78.6	0.0	0.0	0.0
B1605	1	51.1	0.0	0.0	0.0
B1609	2	85.9	0.0	0.0	0.0
B1704	3	97.4	0.0	0.0	0.0
B1708	2	85.9	0.0	0.0	0.0
B1G04	2	92.1	0.0	0.0	0.0
B1G08	2	63.2	0.0	0.0	0.0
B2101	1	53.2	0.0	0.0	0.0
B2105	2	79.0	0.0	0.0	0.0
B2202	2	86.3	0.0	0.0	0.0
B2206	2	79.0	0.0	0.0	0.0
B2302	2	86.3	0.0	0.0	0.0
B2306	2	79.0	0.0	0.0	0.0
B2402	2	86.3	0.0	0.0	0.0
B2406	2	79.0	0.0	0.0	0.0
B2502	2	86.3	0.0	0.0	0.0
B2506	2	79.0	0.0	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)
B1310	2	75.2	0.0	0.0	0.0
B1403	2	85.2	0.0	0.0	0.0
B1407	2	82.1	0.0	0.0	0.0
B1411	3	94.0	0.0	0.0	0.0
B1504	2	82.7	0.0	0.0	0.0
B1509	3	96.5	0.0	0.0	0.0
B1602	2	75.3	0.0	0.0	0.0
B1606	2	73.8	0.0	0.0	0.0
B1701	2	78.6	0.0	0.0	0.0
B1705	3	96.7	0.0	0.0	0.0
B1G01	2	83.4	0.0	0.0	0.0
B1G05	2	88.2	0.0	0.0	0.0
B1G09	2	79.0	0.0	0.0	0.0
B2102	2	79.0	0.0	0.0	0.0
B2106	2	79.0	0.0	0.0	0.0
B2203	2	77.4	0.0	0.0	0.0
B2207	2	79.0	0.0	0.0	0.0
B2303	2	77.4	0.0	0.0	0.0
B2307	2	79.0	0.0	0.0	0.0
B2403	2	77.4	0.0	0.0	0.0
B2407	2	79.0	0.0	0.0	0.0
B2503	2	77.4	0.0	0.0	0.0
B2507	2	79.0	0.0	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)
B2508	2	79.0	0.0	0.0	0.0
B2G04	2	78.3	0.0	0.0	0.0
B2G08	2	79.0	0.0	0.0	0.0
B3104	2	93.8	0.0	0.0	0.0
B3108	2	81.9	0.0	0.0	0.0
B3204	2	93.8	0.0	0.0	0.0
B3208	2	81.9	0.0	0.0	0.0
B3G04	2	93.8	0.0	0.0	0.0
B3G08	2	81.9	0.0	0.0	0.0
B4104	2	79.0	0.0	0.0	0.0
B4108	2	75.9	0.0	0.0	0.0
B4204	2	79.0	0.0	0.0	0.0
B4208	2	75.9	0.0	0.0	0.0
B4304	2	79.0	0.0	0.0	0.0
B4308	2	75.9	0.0	0.0	0.0
B4404	2	79.0	0.0	0.0	0.0
B4408	2	75.9	0.0	0.0	0.0
B4504	2	79.0	0.0	0.0	0.0
B4508	2	75.9	0.0	0.0	0.0
B4G04	2	84.2	0.0	0.0	0.0
B4G08	2	75.9	0.0	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)
B2G01	1	53.2	0.0	0.0	0.0
B2G05	3	109.0	0.0	0.0	0.0
B3101	2	87.8	0.0	0.0	0.0
B3105	2	76.5	0.0	0.0	0.0
B3201	2	87.8	0.0	0.0	0.0
B3205	2	76.5	0.0	0.0	0.0
B3G01	2	87.8	0.0	0.0	0.0
B3G05	2	76.5	0.0	0.0	0.0
B4101	1	53.2	0.0	0.0	0.0
B4105	2	79.0	0.0	0.0	0.0
B4201	1	53.2	0.0	0.0	0.0
B4205	2	79.0	0.0	0.0	0.0
B4301	1	53.2	0.0	0.0	0.0
B4305	2	79.0	0.0	0.0	0.0
B4401	1	53.2	0.0	0.0	0.0
B4405	2	79.0	0.0	0.0	0.0
B4501	1	53.2	0.0	0.0	0.0
B4505	2	79.0	0.0	0.0	0.0
B4G01	2	53.2	0.0	0.0	0.0
B4G05	2	82.8	0.0	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)
B2G02	2	79.0	0.0	0.0	0.0
B2G06	2	79.0	0.0	0.0	0.0
B3102	2	76.5	0.0	0.0	0.0
B3106	2	82.0	0.0	0.0	0.0
B3202	2	76.5	0.0	0.0	0.0
B3206	2	82.0	0.0	0.0	0.0
B3G02	2	76.5	0.0	0.0	0.0
B3G06	2	82.0	0.0	0.0	0.0
B4102	2	52.0	0.0	0.0	0.0
B4106	1	53.6	0.0	0.0	0.0
B4202	2	52.0	0.0	0.0	0.0
B4206	1	53.6	0.0	0.0	0.0
B4302	2	52.0	0.0	0.0	0.0
B4306	1	53.6	0.0	0.0	0.0
B4402	2	52.0	0.0	0.0	0.0
B4406	1	53.6	0.0	0.0	0.0
B4502	1	52.0	0.0	0.0	0.0
B4506	2	53.6	0.0	0.0	0.0
B4G02	1	52.0	0.0	0.0	0.0
B4G06	1	53.6	0.0	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)
B2G03	2	78.3	0.0	0.0	0.0
B2G07	2	79.0	0.0	0.0	0.0
B3103	2	93.8	0.0	0.0	0.0
B3107	3	100.7	0.0	0.0	0.0
B3203	2	93.8	0.0	0.0	0.0
B3207	3	100.7	0.0	0.0	0.0
B3G03	2	93.8	0.0	0.0	0.0
B3G07	3	100.7	0.0	0.0	0.0
B4103	2	79.0	0.0	0.0	0.0
B4107	2	75.9	0.0	0.0	0.0
B4203	2	79.0	0.0	0.0	0.0
B4207	2	75.9	0.0	0.0	0.0
B4303	2	79.0	0.0	0.0	0.0
B4307	2	75.9	0.0	0.0	0.0
B4403	2	79.0	0.0	0.0	0.0
B4407	2	75.9	0.0	0.0	0.0
B4503	2	79.0	0.0	0.0	0.0
B4507	2	75.9	0.0	0.0	0.0
B4G03	2	86.3	0.0	0.0	0.0
B4G07	2	75.9	0.0	0.0	0.0

Residential flat buildings - C, 201 dwellings, 8 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)
C1101	2	81.9	0.0	0.0	0.0
C1105	1	53.2	0.0	0.0	0.0
C1109	3	96.5	0.0	0.0	0.0
C1202	2	79.3	0.0	0.0	0.0
C1206	1	56.2	0.0	0.0	0.0
C1210	2	75.2	0.0	0.0	0.0
C1303	2	85.2	0.0	0.0	0.0
C1307	2	82.1	0.0	0.0	0.0
C1311	3	94.0	0.0	0.0	0.0
C1404	2	88.2	0.0	0.0	0.0
C1408	2	85.9	0.0	0.0	0.0
C1501	2	74.6	0.0	0.0	0.0
C1505	1	51.1	0.0	0.0	0.0
C1510	2	75.2	0.0	0.0	0.0
C1603	2	82.4	0.0	0.0	0.0
C1607	3	96.5	0.0	0.0	0.0
C1702	2	83.2	0.0	0.0	0.0
C1706	3	96.5	0.0	0.0	0.0
C1G02	1	53.2	0.0	0.0	0.0
C1G06	1	53.2	0.0	0.0	0.0
C1G10	2	81.3	0.0	0.0	0.0
C2103	2	77.4	0.0	0.0	0.0
C2107	2	79.0	0.0	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)
C1102	2	79.7	0.0	0.0	0.0
C1106	1	56.2	0.0	0.0	0.0
C1110	2	75.2	0.0	0.0	0.0
C1203	2	85.2	0.0	0.0	0.0
C1207	2	82.1	0.0	0.0	0.0
C1211	3	94.0	0.0	0.0	0.0
C1304	2	88.2	0.0	0.0	0.0
C1308	2	85.9	0.0	0.0	0.0
C1401	2	81.9	0.0	0.0	0.0
C1405	1	53.2	0.0	0.0	0.0
C1409	3	96.5	0.0	0.0	0.0
C1502	2	75.3	0.0	0.0	0.0
C1506	2	82.7	0.0	0.0	0.0
C1511	3	94.0	0.0	0.0	0.0
C1604	2	82.7	0.0	0.0	0.0
C1608	2	75.2	0.0	0.0	0.0
C1703	2	54.0	0.0	0.0	0.0
C1707	2	75.2	0.0	0.0	0.0
C1G03	2	97.5	0.0	0.0	0.0
C1G07	1	56.2	0.0	0.0	0.0
C1G11	2	81.2	0.0	0.0	0.0
C2104	2	77.4	0.0	0.0	0.0
C2201	1	53.2	0.0	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)
C1103	2	85.2	0.0	0.0	0.0
C1107	1	63.2	0.0	0.0	0.0
C1111	2	84.8	0.0	0.0	0.0
C1204	2	88.2	0.0	0.0	0.0
C1208	2	85.9	0.0	0.0	0.0
C1301	2	81.9	0.0	0.0	0.0
C1305	1	53.2	0.0	0.0	0.0
C1309	2	96.5	0.0	0.0	0.0
C1402	2	79.3	0.0	0.0	0.0
C1406	1	56.2	0.0	0.0	0.0
C1410	2	75.2	0.0	0.0	0.0
C1503	2	82.4	0.0	0.0	0.0
C1508	2	85.9	0.0	0.0	0.0
C1601	2	78.6	0.0	0.0	0.0
C1605	1	51.1	0.0	0.0	0.0
C1609	2	85.9	0.0	0.0	0.0
C1704	3	97.4	0.0	0.0	0.0
C1708	2	85.9	0.0	0.0	0.0
C1G04	2	92.1	0.0	0.0	0.0
C1G08	2	63.2	0.0	0.0	0.0
C2101	1	53.2	0.0	0.0	0.0
C2105	2	79.0	0.0	0.0	0.0
C2202	2	86.3	0.0	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)
C1104	2	88.2	0.0	0.0	0.0
C1108	2	79.0	0.0	0.0	0.0
C1201	2	81.3	0.0	0.0	0.0
C1205	1	53.2	0.0	0.0	0.0
C1209	3	96.5	0.0	0.0	0.0
C1302	2	79.7	0.0	0.0	0.0
C1306	1	56.2	0.0	0.0	0.0
C1310	2	75.2	0.0	0.0	0.0
C1403	2	85.2	0.0	0.0	0.0
C1407	2	82.1	0.0	0.0	0.0
C1411	3	94.0	0.0	0.0	0.0
C1504	2	82.7	0.0	0.0	0.0
C1509	3	96.5	0.0	0.0	0.0
C1602	2	75.3	0.0	0.0	0.0
C1606	2	73.8	0.0	0.0	0.0
C1701	2	78.6	0.0	0.0	0.0
C1705	3	96.7	0.0	0.0	0.0
C1G01	2	83.4	0.0	0.0	0.0
C1G05	2	88.2	0.0	0.0	0.0
C1G09	2	79.0	0.0	0.0	0.0
C2102	2	79.0	0.0	0.0	0.0
C2106	2	79.0	0.0	0.0	0.0
C2203	2	77.4	0.0	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)
C2204	2	77.4	0.0	0.0	0.0
C2208	2	79.0	0.0	0.0	0.0
C2304	2	77.4	0.0	0.0	0.0
C2308	2	79.0	0.0	0.0	0.0
C2404	2	77.4	0.0	0.0	0.0
C2408	2	79.0	0.0	0.0	0.0
C2504	2	77.4	0.0	0.0	0.0
C2508	2	79.0	0.0	0.0	0.0
C2G04	2	78.3	0.0	0.0	0.0
C2G08	2	79.0	0.0	0.0	0.0
C3104	2	93.8	0.0	0.0	0.0
C3108	2	81.9	0.0	0.0	0.0
C3204	2	93.8	0.0	0.0	0.0
C3208	2	81.9	0.0	0.0	0.0
C3G04	2	93.8	0.0	0.0	0.0
C3G08	2	81.9	0.0	0.0	0.0
C4104	2	79.0	0.0	0.0	0.0
C4108	2	75.9	0.0	0.0	0.0
C4204	2	79.0	0.0	0.0	0.0
C4208	2	75.9	0.0	0.0	0.0
C4304	2	79.0	0.0	0.0	0.0
C4308	2	75.9	0.0	0.0	0.0
C4404	2	79.0	0.0	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)
C2205	2	83.1	0.0	0.0	0.0
C2301	1	53.2	0.0	0.0	0.0
C2305	2	83.1	0.0	0.0	0.0
C2401	1	53.2	0.0	0.0	0.0
C2405	2	83.1	0.0	0.0	0.0
C2501	1	53.2	0.0	0.0	0.0
C2505	2	83.1	0.0	0.0	0.0
C2G01	1	53.2	0.0	0.0	0.0
C2G05	3	109.0	0.0	0.0	0.0
C3101	2	87.8	0.0	0.0	0.0
C3105	2	76.5	0.0	0.0	0.0
C3201	2	87.8	0.0	0.0	0.0
C3205	2	76.5	0.0	0.0	0.0
C3G01	2	87.8	0.0	0.0	0.0
C3G05	2	76.5	0.0	0.0	0.0
C4101	1	53.2	0.0	0.0	0.0
C4105	2	79.0	0.0	0.0	0.0
C4201	1	53.2	0.0	0.0	0.0
C4205	2	79.0	0.0	0.0	0.0
C4301	1	53.2	0.0	0.0	0.0
C4305	2	79.0	0.0	0.0	0.0
C4401	1	53.2	0.0	0.0	0.0
C4405	2	79.0	0.0	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)
C2206	2	79.0	0.0	0.0	0.0
C2302	2	86.3	0.0	0.0	0.0
C2306	2	79.0	0.0	0.0	0.0
C2402	2	86.3	0.0	0.0	0.0
C2406	2	79.0	0.0	0.0	0.0
C2502	2	86.3	0.0	0.0	0.0
C2506	2	79.0	0.0	0.0	0.0
C2G02	2	79.0	0.0	0.0	0.0
C2G06	2	79.0	0.0	0.0	0.0
C3102	2	76.5	0.0	0.0	0.0
C3106	2	82.0	0.0	0.0	0.0
C3202	2	76.5	0.0	0.0	0.0
C3206	2	82.0	0.0	0.0	0.0
C3G02	2	76.5	0.0	0.0	0.0
C3G06	2	82.0	0.0	0.0	0.0
C4102	2	52.0	0.0	0.0	0.0
C4106	1	53.6	0.0	0.0	0.0
C4202	2	52.0	0.0	0.0	0.0
C4206	1	53.6	0.0	0.0	0.0
C4302	2	52.0	0.0	0.0	0.0
C4306	1	53.6	0.0	0.0	0.0
C4402	2	52.0	0.0	0.0	0.0
C4406	1	53.6	0.0	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)
C2207	2	79.0	0.0	0.0	0.0
C2303	2	77.4	0.0	0.0	0.0
C2307	2	79.0	0.0	0.0	0.0
C2403	2	77.4	0.0	0.0	0.0
C2407	2	79.0	0.0	0.0	0.0
C2503	2	77.4	0.0	0.0	0.0
C2507	2	79.0	0.0	0.0	0.0
C2G03	2	78.3	0.0	0.0	0.0
C2G07	2	79.0	0.0	0.0	0.0
C3103	2	93.8	0.0	0.0	0.0
C3107	3	100.7	0.0	0.0	0.0
C3203	2	93.8	0.0	0.0	0.0
C3207	3	100.7	0.0	0.0	0.0
C3G03	2	93.8	0.0	0.0	0.0
C3G07	3	100.7	0.0	0.0	0.0
C4103	2	79.0	0.0	0.0	0.0
C4107	2	75.9	0.0	0.0	0.0
C4203	2	79.0	0.0	0.0	0.0
C4207	2	75.9	0.0	0.0	0.0
C4303	2	79.0	0.0	0.0	0.0
C4307	2	75.9	0.0	0.0	0.0
C4403	2	79.0	0.0	0.0	0.0
C4407	2	75.9	0.0	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)
C4408	2	75.9	0.0	0.0	0.0
C4504	2	79.0	0.0	0.0	0.0
C4508	2	75.9	0.0	0.0	0.0
C4G04	2	84.2	0.0	0.0	0.0
C4G08	2	75.9	0.0	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)
C4501	1	53.2	0.0	0.0	0.0
C4505	2	79.0	0.0	0.0	0.0
C4G01	1	53.2	0.0	0.0	0.0
C4G05	2	82.8	0.0	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)
C4502	1	52.0	0.0	0.0	0.0
C4506	2	53.6	0.0	0.0	0.0
C4G02	1	52.0	0.0	0.0	0.0
C4G06	1	53.6	0.0	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)
C4503	2	79.0	0.0	0.0	0.0
C4507	2	75.9	0.0	0.0	0.0
C4G03	2	86.3	0.0	0.0	0.0
C4G07	2	75.9	0.0	0.0	0.0

Description of project

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

Common areas of unit building - A

Common area	Floor area (m²)
Lift car (No.1)	-
Lift car (No.10)	-

Common area	Floor area (m²)
Lift car (No.2)	-
Ground Floor Lobby A	156.0

Common area	Floor area (m²)
Lift car (No.7)	-
Lobby/Stairs A	1415.0

Common areas of unit building - B

Common area	Floor area (m²)
Lift car (No.3)	-
Ground Floor Lobby B	156.0

Common area	Floor area (m²)
Lift car (No.4)	-
Lobby/Stairs B	1470.75

Common area	Floor area (m²)
Lift car (No.8)	-

Common areas of unit building - C

Common area	Floor area (m²)
Lift car (No.5)	-
Ground Floor Lobby C	156.0

Common area	Floor area (m²)
Lift car (No.6)	-
Lobby/Stairs C	1470.75

Common area	Floor area (m²)
Lift car (No.9)	-

Common areas of the development (non-building specific)

Common area	Floor area (m²)
Basement Car Park	20107.5

Schedule of BASIX commitments

1. Commitments for Residential flat buildings - A

(a) Dwellings

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

(b) Common areas and central systems/facilities

- (i) Water
- (ii) Energy

2. Commitments for Residential flat buildings - B

(a) Dwellings

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

(b) Common areas and central systems/facilities

- (i) Water
- (ii) Energy

3. Commitments for Residential flat buildings - C

(a) Dwellings

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

(b) Common areas and central systems/facilities

- (i) Water
- (ii) Energy

4. Commitments for multi-dwelling houses

5. Commitments for single dwelling houses

6. 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 Residential flat buildings - A

(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	4 star (> 4.5 but <= 6 L/min)	3 star	5 star	5 star	no	-	2.5 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
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
All dwellings	central hot water system 1	individual fan, ducted to façade or roof	manual switch on/off	individual fan, not ducted	manual switch on/off	individual fan, ducted to façade or roof	manual switch on/off

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
All dwellings	1-phase airconditioning 1 Star (zoned)	(zoned)	1-phase airconditioning 1 Star (zoned)	(zoned)	2 (dedicated)	1 (dedicated)	yes (dedicated)	yes (dedicated)	yes (dedicated)	yes (dedicated)	0	yes

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	-	no	2.5 star	-	1.5 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.		✓	

(iii) Thermal Comfort	Show on DA plans	Show on CC/CDC plans & specs	Certifier check
(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)
A1101	39.1	25.5
A1102	12.1	19.3
A1103	11.8	17.1
A1104	10.3	16.5
A1105	11.7	23.6
A1106	11.1	22.0
A1107	22.4	28.8
A1108	42.0	19.5
A1109	39.2	19.7
A1110	39.1	17.3
A1111	45.3	27.1
A1201	38.1	24.1
A1202	12.4	18.1
A1203	12.6	16.7
A1204	11.2	16.0

	Thermal loads	
Dwelling no.	Area adjusted heating load (in mJ/m²/yr)	Area adjusted cooling load (in mJ/m²/yr)
A1205	12.8	22.4
A1206	11.7	21.2
A1207	25.9	26.9
A1208	40.8	22.3
A1209	37.2	19.7
A1210	39.8	17.5
A1211	36.0	27.3
A1301	40.3	18.0
A1302	13.6	18.2
A1303	15.5	13.4
A1304	13.6	13.2
A1305	15.4	18.0
A1306	14.5	17.4
A1307	43.2	15.3
A1308	41.1	22.4
A1309	44.1	15.6
A1310	42.7	16.3
A1311	39.2	21.1
A1401	39.9	18.6
A1402	16.6	13.8
A1403	16.2	13.1
A1404	14.2	13.0
A1405	16.1	17.3
A1406	15.3	17.2
A1407	35.6	27.4
A1408	45.3	19.3
A1409	44.4	14.9

	Thermal loads	
Dwelling no.	Area adjusted heating load (in mJ/m²/yr)	Area adjusted cooling load (in mJ/m²/yr)
A1410	42.3	17.8
A1411	39.3	22.2
A1501	42.2	27.1
A1502	21.9	14.4
A1503	18.5	12.6
A1504	15.1	10.9
A1505	44.7	28.5
A1506	30.7	28.5
A1508	41.6	17.2
A1509	44.2	14.6
A1510	42.2	17.6
A1511	38.3	24.3
A1601	33.1	24.2
A1602	12.0	20.5
A1603	19.0	12.6
A1604	15.6	10.7
A1605	17.5	13.3
A1606	28.3	12.8
A1607	40.4	18.6
A1608	42.9	17.4
A1609	38.9	24.0
A1701	40.3	25.2
A1702	38.0	16.1
A1703	32.9	15.6
A1704	40.7	10.4
A1705	43.8	28.5
A1706	43.7	15.7

	Thermal loads	
Dwelling no.	Area adjusted heating load (in mJ/m²/yr)	Area adjusted cooling load (in mJ/m²/yr)
A1707	42.9	15.6
A1708	40.7	20.0
A1G01	25.6	29.5
A1G02	16.9	23.2
A1G03	34.6	16.1
A1G04	36.4	16.1
A1G05	18.8	14.9
A1G06	19.7	21.1
A1G07	19.2	20.1
A1G08	28.9	27.7
A1G09	45.4	19.1
A1G10	41.0	12.8
A1G11	43.1	26.0
A2101	39.0	29.4
A2102	38.2	21.1
A2103	44.3	17.2
A2104	42.1	17.0
A2105	29.0	23.9
A2106	23.5	23.4
A2107	25.3	22.6
A2201	33.8	26.9
A2202	34.7	23.8
A2203	44.7	16.9
A2204	42.4	17.2
A2205	44.6	25.4
A2206	30.3	22.8
A2207	23.3	23.7

	Thermal loads	
Dwelling no.	Area adjusted heating load (in mJ/m²/yr)	Area adjusted cooling load (in mJ/m²/yr)
A2208	23.2	23.4
A2301	35.2	25.5
A2302	38.3	19.7
A2303	37.7	13.4
A2304	37.6	13.4
A2305	45.4	23.5
A2306	30.8	19.6
A2307	26.9	19.1
A2308	24.6	19.8
A2401	33.9	26.0
A2402	38.8	19.8
A2403	37.3	13.2
A2404	37.2	13.2
A2405	42.4	23.2
A2406	29.2	19.9
A2407	25.6	19.7
A2408	24.8	20.0
A2501	35.6	23.7
A2502	39.3	18.5
A2503	42.0	15.9
A2504	45.4	15.7
A2505	38.2	19.5
A2506	40.0	25.1
A2507	36.7	24.8
A2508	36.4	24.9
A2G01	38.1	19.2
A2G02	39.8	19.2

	Thermal loads	
Dwelling no.	Area adjusted heating load (in mJ/m²/yr)	Area adjusted cooling load (in mJ/m²/yr)
A2G03	42.9	13.6
A2G04	43.2	14.4
A2G05	45.4	27.6
A2G06	45.2	19.4
A2G07	41.3	19.5
A2G08	42.1	17.1
A3101	27.7	19.2
A3102	22.4	22.7
A3105	18.3	19.3
A3106	41.8	27.6
A3107	38.3	22.1
A3108	38.6	28.88
A3201	38.3	22.5
A3202	29.8	27.9
A3203	29.9	13.3
A3204	29.9	13.5
A3205	28.6	25.5
A3206	38.5	23.9
A3207	45.3	23.5
A3208	45.1	29.4
A3G01	38.9	17.2
A3G02	35.3	19.7
A3G03	32.0	10.8
A3G04	32.0	10.7
A3G05	30.1	16.2
A3G06	41.1	26.0
A3G07	39.9	20.7

	Thermal loads	
Dwelling no.	Area adjusted heating load (in mJ/m²/yr)	Area adjusted cooling load (in mJ/m²/yr)
A3G08	41.0	28.6
A4101	22.1	24.7
A4102	37.4	16.3
A4105	31.7	20.3
A4106	31.1	24.2
A4107	32.7	20.0
A4108	22.4	25.3
A4201	23.1	23.7
A4202	37.9	15.8
A4205	28.1	20.3
A4206	31.9	23.1
A4207	23.7	25.1
A4208	23.5	25.0
A4301	25.8	20.3
A4302	40.5	13.1
A4305	25.7	16.5
A4306	35.3	19.9
A4307	27.5	20.5
A4308	27.3	20.1
A4401	37.4	22.9
A4402	43.5	14.3
A4405	31.3	20.3
A4406	42.4	23.0
A4407	38.2	25.0
A4408	38.0	24.8
A4G01	32.9	21.1
A4G02	37.6	15.1

	Thermal loads	
Dwelling no.	Area adjusted heating load (in mJ/m ² /yr)	Area adjusted cooling load (in mJ/m ² /yr)
A4G03	35.9	14.3
A4G04	33.6	25.7
A4G05	34.9	15.1
A4G06	31.9	22.4
A4G07	44.4	17.6
A4G08	41.1	21.3
A3103, A3104	18.7	12.0
A4103, A4104	27.7	19.7
A4403, A4404	28.0	19.7
All other dwellings	24.3	19.5

(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	no common facility	no common facility	no common facility	no common laundry facility

Central systems	Size	Configuration	Connection (to allow for...)
Central water tank - rainwater or stormwater (No. 1)	10000.0	To collect run-off from at least: - 250.0 square metres of roof area of buildings in the development - 0.0 square metres of impervious area in the development - 0.0 square metres of garden/lawn area in the development - 0.0 square metres of planter box area in the development (excluding, in each case, any area which drains to, or supplies, any other alternative water supply system).	- irrigation of 1600.0 square metres of common landscaped area on the site

(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)	-	-	light-emitting diode	connected to lift call button	No
Lift car (No.2)	-	-	light-emitting diode	connected to lift call button	No
Lift car (No.7)	-	-	light-emitting diode	connected to lift call button	No
Lift car (No.10)	-	-	light-emitting diode	connected to lift call button	No
Ground Floor Lobby A	no mechanical ventilation	-	light-emitting diode	manual on / timer off	No
Lobby/Stairs A	no mechanical ventilation	-	light-emitting diode	manual on / timer off	No

Central energy systems	Type	Specification
Lift (No. 1)	gearless traction with V V V F motor	Number of levels (including basement): 8
Lift (No. 2)	gearless traction with V V V F motor	Number of levels (including basement): 8
Lift (No. 7)	gearless traction with V V V F motor	Number of levels (including basement): 8
Lift (No. 10)	gearless traction with V V V F motor	Number of levels (including basement): 8

2. Commitments for Residential flat buildings - B

(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.	✓	✓	✓

Dwelling no.	Fixtures					Appliances		Individual pool				Individual spa		
	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	4 star (> 4.5 but <= 6 L/min)	3 star	5 star	5 star	no	-	2.5 star	-	-	-	-	-	-	-

Dwelling no.	Alternative water source							
	Alternative water supply systems	Size	Configuration	Landscape connection	Toilet connection (s)	Laundry connection	Pool top-up	Spa top-up
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
All dwellings	central hot water system 1	individual fan, ducted to façade or roof	manual switch on/off	individual fan, not ducted	manual switch on/off	individual fan, ducted to façade or roof	manual switch on/off

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
B4502, B4503, B4504	1-phase airconditioning 1 Star (zoned)	(zoned)	(zoned)	(zoned)	2 (dedicated)	1 (dedicated)	yes (dedicated)	yes (dedicated)	yes (dedicated)	yes (dedicated)	0	yes
All other dwellings	1-phase airconditioning 1 Star (zoned)	(zoned)	1-phase airconditioning 1 Star (zoned)	(zoned)	2 (dedicated)	1 (dedicated)	yes (dedicated)	yes (dedicated)	yes (dedicated)	yes (dedicated)	0	yes

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	-	no	2.5 star	-	1.5 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.	✓		

(iii) Thermal Comfort	Show on DA plans	Show on CC/CDC plans & specs	Certifier check
(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)
B1101	39.1	25.5
B1102	12.1	19.3
B1103	11.8	17.1
B1104	10.3	16.5
B1105	11.7	23.6
B1106	11.1	22.0
B1107	22.4	28.8
B1108	43.8	20.8
B1109	39.4	19.7
B1110	39.1	17.3
B1111	45.2	28.4
B1201	38.1	24.1
B1202	12.4	18.1

	Thermal loads	
Dwelling no.	Area adjusted heating load (in mJ/m²/yr)	Area adjusted cooling load (in mJ/m²/yr)
B1203	12.6	16.7
B1204	11.2	16.0
B1205	12.8	22.4
B1206	11.7	21.2
B1208	40.8	22.3
B1209	40.6	19.2
B1210	39.8	17.5
B1211	37.7	28.2
B1301	40.3	18.0
B1302	13.6	18.2
B1303	15.5	13.4
B1304	13.6	13.2
B1305	15.4	18.0
B1306	14.5	17.4
B1308	41.1	22.4
B1309	44.1	15.5
B1310	42.7	16.3
B1311	40.9	22.6
B1401	29.9	18.6
B1402	16.6	13.8
B1403	16.2	13.1
B1404	14.2	13.0
B1405	16.1	17.3
B1406	15.3	17.2
B1407	35.6	27.4
B1408	45.3	19.3
B1409	44.8	15.0

	Thermal loads	
Dwelling no.	Area adjusted heating load (in mJ/m²/yr)	Area adjusted cooling load (in mJ/m²/yr)
B1410	42.3	17.8
B1411	41.0	23.7
B1501	42.2	27.1
B1502	21.9	14.4
B1503	18.5	12.6
B1504	15.1	10.9
B1505	44.7	28.5
B1506	30.7	28.5
B1508	41.6	17.2
B1509	45.1	14.9
B1510	42.2	17.6
B1511	39.9	25.4
B1601	33.1	24.2
B1602	12.9	20.5
B1603	19.0	12.6
B1604	15.6	10.7
B1605	17.5	13.3
B1606	28.3	12.8
B1607	40.7	18.7
B1608	42.9	17.4
B1609	40.5	25.2
B1701	40.3	25.2
B1702	38.0	16.1
B1703	32.9	15.6
B1704	40.7	10.4
B1705	43.8	28.5
B1706	43.7	15.7

	Thermal loads	
Dwelling no.	Area adjusted heating load (in mJ/m²/yr)	Area adjusted cooling load (in mJ/m²/yr)
B1707	42.9	15.6
B1708	45.2	20.0
B1G01	32.1	25.7
B1G02	16.9	23.2
B1G03	34.6	16.1
B1G04	36.4	28.5
B1G05	18.8	14.9
B1G06	19.7	21.1
B1G07	19.2	20.1
B1G08	28.9	27.7
B1G09	45.4	19.1
B1G10	41.0	12.8
B1G11	43.1	18.7
B2101	35.3	25.2
B2102	38.2	21.1
B2103	44.3	17.2
B2104	44.9	17.5
B2105	32.1	22.5
B2106	28.0	22.4
B2107	28.3	19.4
B2201	35.5	25.8
B2202	34.7	23.8
B2203	44.7	16.9
B2204	45.2	17.5
B2205	44.6	25.4
B2206	33.4	21.4
B2207	26.5	22.4

	Thermal loads	
Dwelling no.	Area adjusted heating load (in mJ/m²/yr)	Area adjusted cooling load (in mJ/m²/yr)
B2208	26.5	21.3
B2301	38.1	24.2
B2302	38.3	19.7
B2303	37.7	13.4
B2304	37.6	13.4
B2305	42.4	23.5
B2306	33.9	18.3
B2307	30.1	18.2
B2308	26.8	19.0
B2401	36.0	25.4
B2402	38.8	19.8
B2403	37.3	13.2
B2404	37.2	13.2
B2405	42.4	23.2
B2406	31.5	19.3
B2407	27.7	18.8
B2408	25.4	19.9
B2501	45.1	28.8
B2502	39.3	18.5
B2503	44.6	16.3
B2504	45.4	15.7
B2505	37.9	20.1
B2506	40.0	25.1
B2507	37.5	24.5
B2508	37.0	24.7
B2G01	39.8	18.1
B2G02	39.8	19.2

	Thermal loads	
Dwelling no.	Area adjusted heating load (in mJ/m²/yr)	Area adjusted cooling load (in mJ/m²/yr)
B2G03	42.9	13.6
B2G06	36.2	20.3
B2G07	32.4	20.2
B2G08	32.8	17.3
B3101	27.7	19.2
B3102	22.4	22.7
B3105	18.3	19.3
B3106	42.6	27.9
B3107	38.6	22.1
B3108	39.6	29.5
B3201	38.3	22.5
B3202	29.8	27.9
B3203	29.9	13.3
B3204	29.9	13.5
B3205	28.6	25.5
B3206	38.5	23.9
B3207	45.3	23.6
B3208	44.9	28.9
B3G01	42.2	16.7
B3G02	35.3	19.7
B3G03	32.0	10.8
B3G04	32.0	10.7
B3G05	30.1	16.2
B3G06	41.1	26.0
B3G07	39.9	20.7
B3G08	41.0	28.6
B4101	23.8	24.0

	Thermal loads	
Dwelling no.	Area adjusted heating load (in mJ/m²/yr)	Area adjusted cooling load (in mJ/m²/yr)
B4102	37.4	16.3
B4106	31.3	24.0
B4107	32.7	20.0
B4108	32.3	22.0
B4201	23.6	23.5
B4202	37.9	15.8
B4205	28.1	20.3
B4206	32.1	23.0
B4208	30.0	22.3
B4301	26.1	19.9
B4302	40.5	13.1
B4305	25.7	16.5
B4306	35.5	19.9
B4307	33.1	18.9
B4308	30.2	19.6
B4401	26.6	19.9
B4402	39.8	13.4
B4405	22.0	16.4
B4406	36.1	19.3
B4407	30.8	19.1
B4408	31.0	18.9
B4501	37.6	22.7
B4502	45.2	15.3
B4505	28.9	20.2
B4506	44.0	22.5
B4507	39.1	24.3
B4508	38.5	24.4

	Thermal loads	
Dwelling no.	Area adjusted heating load (in mJ/m ² /yr)	Area adjusted cooling load (in mJ/m ² /yr)
B4G01	35.7	20.5
B4G02	37.6	15.1
B4G03	43.8	12.6
B4G04	42.1	20.2
B4G05	43.3	13.5
B4G06	41.5	21.3
B4G07	43.4	16.8
B4G08	38.8	20.6
B1207, B1307	25.9	26.9
B2G04, B2G05	43.2	14.4
B3103, B3104	18.7	12.0
B4103, B4104	27.7	19.7
B4105, B4207	31.7	20.3
B4403, B4404	18.7	16.1
B4503, B4504	25.6	19.6
All other dwellings	24.3	19.5

(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	no common facility	no common facility	no common facility	no common laundry facility

Central systems	Size	Configuration	Connection (to allow for...)
Central water tank - rainwater or stormwater (No. 2)	10000.0	To collect run-off from at least: - 250.0 square metres of roof area of buildings in the development - 0.0 square metres of impervious area in the development - 0.0 square metres of garden/lawn area in the development - 0.0 square metres of planter box area in the development (excluding, in each case, any area which drains to, or supplies, any other alternative water supply system).	- irrigation of 1600.0 square metres of common landscaped area on the site

(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.3)	-	-	light-emitting diode	connected to lift call button	No
Lift car (No.4)	-	-	light-emitting diode	connected to lift call button	No
Lift car (No.8)	-	-	light-emitting diode	connected to lift call button	No
Ground Floor Lobby B	no mechanical ventilation	-	light-emitting diode	manual on / timer off	No
Lobby/Stairs B	no mechanical ventilation	-	light-emitting diode	manual on / timer off	No

Central energy systems	Type	Specification
Lift (No. 3)	gearless traction with V V V F motor	Number of levels (including basement): 8
Lift (No. 4)	gearless traction with V V V F motor	Number of levels (including basement): 8
Lift (No. 8)	gearless traction with V V V F motor	Number of levels (including basement): 8

3. Commitments for Residential flat buildings - C

(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	4 star (> 4.5 but <= 6 L/min)	3 star	5 star	5 star	no	-	2.5 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
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
All dwellings	central hot water system 1	individual fan, ducted to façade or roof	manual switch on/off	individual fan, not ducted	manual switch on/off	individual fan, ducted to façade or roof	manual switch on/off

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
C4506, C4507, C4508	1-phase airconditioning 1 Star (zoned)	(zoned)	(zoned)	(zoned)	2 (dedicated)	1 (dedicated)	yes (dedicated)	yes (dedicated)	yes (dedicated)	yes (dedicated)	0	yes
All other dwellings	1-phase airconditioning 1 Star (zoned)	(zoned)	1-phase airconditioning 1 Star (zoned)	(zoned)	2 (dedicated)	1 (dedicated)	yes (dedicated)	yes (dedicated)	yes (dedicated)	yes (dedicated)	0	yes

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	-	no	2.5 star	-	1.5 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.	✓		

(iii) Thermal Comfort	Show on DA plans	Show on CC/CDC plans & specs	Certifier check
(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)
C1101	39.1	25.5
C1102	12.1	19.3
C1103	11.8	17.1
C1104	10.3	16.5
C1105	11.7	23.6
C1106	11.1	22.0
C1107	23.0	28.0
C1108	40.9	23.6
C1109	39.4	19.7
C1110	39.1	17.3
C1111	45.2	28.4
C1201	38.1	24.1
C1202	12.4	18.1

	Thermal loads	
Dwelling no.	Area adjusted heating load (in mJ/m²/yr)	Area adjusted cooling load (in mJ/m²/yr)
C1203	12.6	16.7
C1204	11.2	16.0
C1205	12.8	22.4
C1206	11.7	21.2
C1207	24.3	28.2
C1208	38.8	23.8
C1209	40.6	19.1
C1210	39.8	17.5
C1211	37.7	28.2
C1301	40.3	18.0
C1302	13.6	18.2
C1303	15.5	13.4
C1304	13.6	13.2
C1305	15.4	18.0
C1306	14.5	17.4
C1307	27.9	25.8
C1308	39.5	23.6
C1309	44.1	15.6
C1310	42.7	16.3
C1311	40.9	22.6
C1401	29.9	18.6
C1402	16.6	13.8
C1403	16.2	13.1
C1404	14.2	13.0
C1405	16.1	17.3
C1406	15.3	17.2
C1407	34.3	28.6

	Thermal loads	
Dwelling no.	Area adjusted heating load (in mJ/m²/yr)	Area adjusted cooling load (in mJ/m²/yr)
C1408	43.9	19.8
C1409	44.8	15.0
C1410	42.3	17.8
C1411	41.0	23.7
C1501	42.2	27.1
C1502	21.9	14.4
C1503	18.5	12.6
C1504	15.1	10.9
C1505	44.7	28.5
C1506	30.7	28.5
C1508	40.7	18.6
C1509	45.1	14.9
C1510	42.2	17.6
C1511	39.9	25.4
C1601	33.1	24.2
C1602	12.9	20.5
C1603	19.0	12.6
C1604	15.6	10.7
C1605	17.5	13.3
C1606	28.1	12.7
C1607	40.7	18.7
C1608	42.9	17.4
C1609	40.5	25.2
C1701	40.3	25.2
C1702	38.0	16.1
C1703	32.9	15.6
C1704	40.7	10.4

	Thermal loads	
Dwelling no.	Area adjusted heating load (in mJ/m²/yr)	Area adjusted cooling load (in mJ/m²/yr)
C1705	43.8	28.5
C1706	43.7	15.7
C1707	42.9	15.6
C1708	45.2	20.0
C1G01	29.8	23.7
C1G02	16.9	23.2
C1G03	34.6	16.1
C1G04	36.4	28.5
C1G05	18.8	14.9
C1G06	19.7	21.1
C1G07	19.2	20.1
C1G08	27.7	28.9
C1G09	42.3	21.6
C1G10	41.0	12.8
C1G11	43.1	18.7
C2101	35.3	25.2
C2102	34.9	22.7
C2103	38.7	20.0
C2104	39.8	20.2
C2105	32.1	22.5
C2106	28.0	22.4
C2107	28.3	19.4
C2201	35.5	25.8
C2202	33.0	24.2
C2203	40.0	19.3
C2204	39.9	19.6
C2205	41.6	27.8

	Thermal loads	
Dwelling no.	Area adjusted heating load (in mJ/m²/yr)	Area adjusted cooling load (in mJ/m²/yr)
C2206	33.4	21.4
C2207	26.5	22.4
C2208	26.5	21.3
C2301	38.1	24.2
C2302	37.1	20.1
C2303	43.7	16.7
C2304	43.6	16.8
C2305	44.8	23.3
C2306	33.9	18.3
C2307	30.1	18.2
C2308	26.8	19.0
C2401	36.0	25.4
C2402	38.0	20.1
C2403	44.6	16.3
C2404	44.5	16.5
C2405	45.2	23.3
C2406	31.5	19.3
C2407	27.7	18.8
C2408	25.4	19.9
C2501	44.6	29.1
C2502	39.1	18.6
C2503	44.9	16.1
C2504	44.8	16.1
C2505	38.2	19.5
C2506	40.0	25.1
C2507	37.5	24.5
C2508	37.0	24.7

	Thermal loads	
Dwelling no.	Area adjusted heating load (in mJ/m²/yr)	Area adjusted cooling load (in mJ/m²/yr)
C2G01	39.8	18.1
C2G02	34.0	21.5
C2G03	39.1	14.7
C2G04	39.3	15.7
C2G05	44.5	13.8
C2G06	36.2	20.3
C2G07	32.4	20.2
C2G08	32.8	17.3
C3101	27.7	19.2
C3102	22.4	22.7
C3105	18.3	19.3
C3106	42.5	28.0
C3107	38.0	22.0
C3108	40.9	29.0
C3201	38.3	22.5
C3202	29.8	27.9
C3203	29.9	13.3
C3204	29.9	13.5
C3205	28.6	25.5
C3206	41.1	21.0
C3207	45.1	23.8
C3208	44.9	28.9
C3G01	42.2	16.7
C3G02	35.3	19.7
C3G03	32.0	10.8
C3G04	32.0	10.7
C3G05	30.1	16.2

	Thermal loads	
Dwelling no.	Area adjusted heating load (in mJ/m²/yr)	Area adjusted cooling load (in mJ/m²/yr)
C3G06	40.9	26.5
C3G07	38.5	21.3
C3G08	41.0	28.6
C4101	23.8	24.0
C4102	36.1	16.9
C4106	31.3	24.0
C4107	32.7	20.0
C4108	32.3	22.0
C4201	23.6	23.5
C4202	36.9	16.4
C4205	28.1	20.3
C4206	32.1	23.0
C4208	30.0	22.3
C4301	26.1	19.9
C4302	39.8	13.2
C4305	25.7	16.5
C4306	35.5	19.9
C4307	33.1	18.9
C4308	30.2	19.6
C4401	26.6	19.9
C4402	39.6	13.3
C4405	22.0	16.4
C4406	36.1	19.3
C4407	30.8	19.1
C4408	31.0	18.9
C4501	37.6	22.7
C4502	45.2	15.3

	Thermal loads	
Dwelling no.	Area adjusted heating load (in mJ/m ² /yr)	Area adjusted cooling load (in mJ/m ² /yr)
C4505	28.9	20.2
C4506	44.0	22.5
C4507	39.1	24.3
C4508	38.5	24.4
C4G01	35.7	20.5
C4G02	35.9	15.4
C4G03	43.8	12.6
C4G04	42.1	20.2
C4G05	43.3	13.5
C4G06	41.5	21.3
C4G07	43.4	16.8
C4G08	38.8	20.6
C3103, C3104	18.7	12.0
C4103, C4104	27.7	19.7
C4105, C4207	31.7	20.3
C4403, C4404	18.7	16.1
C4503, C4504	25.6	19.6
All other dwellings	24.3	19.5

(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	no common facility	no common facility	no common facility	no common laundry facility

Central systems	Size	Configuration	Connection (to allow for...)
Central water tank - rainwater or stormwater (No. 3)	10000.0	To collect run-off from at least: - 250.0 square metres of roof area of buildings in the development - 0.0 square metres of impervious area in the development - 0.0 square metres of garden/lawn area in the development - 0.0 square metres of planter box area in the development (excluding, in each case, any area which drains to, or supplies, any other alternative water supply system).	- irrigation of 1600.0 square metres of common landscaped area on the site

(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.5)	-	-	light-emitting diode	connected to lift call button	No
Lift car (No.6)	-	-	light-emitting diode	connected to lift call button	No
Lift car (No.9)	-	-	light-emitting diode	connected to lift call button	No
Ground Floor Lobby C	no mechanical ventilation	-	light-emitting diode	manual on / timer off	No
Lobby/Stairs C	no mechanical ventilation	-	light-emitting diode	manual on / timer off	No

Central energy systems	Type	Specification
Lift (No. 5)	gearless traction with V V V F motor	Number of levels (including basement): 8
Lift (No. 6)	gearless traction with V V V F motor	Number of levels (including basement): 8
Lift (No. 9)	gearless traction with V V V F motor	Number of levels (including basement): 8

6. 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	no common facility	no common facility	no common facility	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 ventilation system		Common area lighting		
Common area	Ventilation system type	Ventilation efficiency measure	Primary type of artificial lighting	Lighting efficiency measure	Lighting control system/BMS
Basement Car Park	ventilation exhaust only	carbon monoxide monitor + VSD fan	light-emitting diode	time clock and motion sensors	No

Central energy systems	Type	Specification
Central hot water system (No. 1)	gas instantaneous	Piping insulation (ringmain & supply risers): (a) Piping external to building: R1.0 (~38 mm); (b) Piping internal to building: R1.0 (~38 mm)

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).