



BASIX CERTIFICATE Cert. No. 1183594S Building Sustainability Index					
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 certificate issued, for the proposed development, that BASIX commitment be complied with.					
WATER COMMITMENTS					
FIXTURES					
The applicant must install showerheads with a minimm rating of 3 star (>7.5 but <=9L/min) in all showers in the development					
The applicant must install a toilet flushing system with a minimum rating of 4 star in each toilet in the development.					
The applicant must install taps with a minimum rating of 4 stars in the kitchen in the development.					
The applicant must install basin taps with a minimum rating of 5 stars in each bathroom in the development.					
ALTERNATIVE WATER					
The applicant must install a rainwater tank at least 5000 litres on the site.					
The applicant must configure the rainwater tank to collect rain runoff from at least 814.7 square metres of the roof area.					
The applicant must connect the rainwater tank to: all toilets, the cold water tap that supplies each clothes washer and at least one outdoor tap in the development.					
THERMAL COMFORT SPECIFICATIONS					Star rating: 5.7
Assessor No. 20820		Certificate number: 0005865209-03		Certificate date: 14 Apr 2021	
Window type	Glass	Frame	U-value	SHGC	Area in use
DOW-001-01 Al.Sl.windows	SG 3Clr	Custom	6.4	0.75	3.30m²
DOW-006-01 Al. Sl. Doors	SG 5Clr	Custom	6.2	0.71	3.05m²
DOW-007-01 Al. Sl. Doors	DG 5-6-5	Custom	4.2	0.58	62.91m²
DOW-005-01 Al.Awn.W	DG 3/12/3	Custom	3.9	0	28.37m²
External wall type	Insulation	Colour-Solar absorptancy		Details	
Brick Veneer	R2.0	Light- SA < 0.475		As per detail on plans	
Brick walls	None	Light- SA < 0.475		As per detail on plans	
Internal wall type	Insulation		Details		
Plaster'bd on studs	None		As per detail on plans		
Plaster'bd on studs	R2.0		As per detail on plans		
Floors	Insulation	Covering	Ceiling type	Insulation	Details
Concrete	None	Carpet-default, not specified	Plaster'bd	R3.0	excl. garage ceiling
Concrete	None	Ceramic tiles as shown			
Roof type	Insulation	Colour-Solar absorptancy			
Colorbond	Anti-con blanket	Medium-SA 0.475 - 0.7			
WINDOWS, GLAZED DOORS AND SKYLIGHTS					
The applicant must install the windows, glazed doors and shading devices described in window shedule table & BASIX certificate.					
ENERGY COMMITMENTS					
Hot water					
The applicant must install the following hot water system in the development, or a system with a higher energy rting: gas instantaneous with a performance of 6 stars					
Cooling system					
The applicant must install the following cooling system, or a system with a higher energy rating, in at least 1 living area: 1-phase airconditioning; Energy rating: EER 3.0-3.5					
The applicant must install the following cooling system, or a system with a higher energy rating, in at least 1 bedroom: 1-phase airconditioning; Energy rating: EER 3.0-3.5					
The cooling system must provide for day/night zoning between living areas and bedrooms					
Heating system					
The applicant must install the following heating system, or a system with a higher energy rating, in at least 1 living area: 1-phase airconditioning; Energy rating: EER 3.0-3.5					
The applicant must install the following heating system, or a system with a higher energy rating, in at least 1 bedroom: 1-phase airconditioning; Energy rating: EER 3.0-3.5					
The heating system must provide for day/night zoning between living areas and bedrooms					
Ventilation					
The applicant must install the following exhaust systems in the development: At least 1 bathroom: individual fan, not ducted; Operation control: manual switch on/off Kitchen: individual fan, ducted to facade or roof; Operation control: manual switch on/off Laundry: natural ventilation only, or no laundry; Operation control: n/a					
Artificial lighting					
The applicant must ensure that 'primary type of artificial lighting' is fluorescent or light emitting diode (LED) lighting in each of the following rooms, and where the word "dedicated" appears, the fittings for those lights must only be capable of accepting fluorescent or light emitting diode (LED) lamps: . at least 6 of the bedrooms/study; . at least 5 of the living/ dining rooms; . the kitchen; all bathrooms/toilets; the laundry; all hallways;					
Natural lighting					
The applicant must install a window and/or skylight in the kitchen of the dwelling for natural lighting. The applicant must install a window and/or skylight in 5 bathroom(s)/toilet(s) in the development for natural lighting.					
Other					
The applicant must install a gas & electric oven in the kitchen of the dwelling.					
Alternative energy					
The applicant must install a photovoltaic system with the capacity to generate at least 3.7 peak kilowatts of electricity as part of the development. The applicant must connect this system to the development's electrical system.					

BASIX COMMITMENTS
REFER TO
Basix Certificate & Pg.08
No.1183594S

Window Schedule						
Mark	Type	Height	Width	Head Height	Glazing	Area
1	DA2109	2057	850	2143	Double Glazed	1.7 m²
2	DA2127	2057	2650	2143	Double Glazed	5.5 m²
3	DA2109	2057	850	2143	Double Glazed	1.7 m²
4	DA2106	2057	610	2095	Double Glazed	1.3 m²
5	DFD2115	2100	1450	2100	Double Glazed	3.0 m²
6	DA2106	2057	610	2103	Double Glazed	1.3 m²
7	DA2127	2057	2650	2143	Double Glazed	5.5 m²
8	DA2127	2057	2650	2143	Double Glazed	5.5 m²
9	DA2106	2057	610	2057	Double Glazed	1.3 m²
10	DFD2115	2100	1450	2100	Double Glazed	3.0 m²
11	DA2106	2057	610	2057	Double Glazed	1.3 m²
12	DA2109	2057	850	2143	Double Glazed	1.7 m²
13	S1015	1029	1450	2143	Standard SG Glazed	1.5 m²
14	SD2115	2100	1450	2100	Standard SG Glazed	3.0 m²
15	S1015	1029	1450	2143	Double Glazed	1.5 m²
16	S1218	1200	1810	2057	Double Glazed	2.2 m²
17	ASD2130-3	2100	3048	2100	Double Glazed	6.4 m²
18	SD2118	2100	1810	2100	Double Glazed	3.8 m²
19	ASD2130-3	2100	3048	2100	Double Glazed	6.4 m²
20	ASD2127-3	2100	2688	2100	Double Glazed	5.6 m²
21	F2740	2740	3970	2800	Double Glazed	10.9 m²
22	ASD2127-3	2100	2688	2100	Double Glazed	5.6 m²
23	ASD2136-3	2100	3588	2100	Double Glazed	7.5 m²
24	ASD2130-3	2100	3048	2100	Double Glazed	6.4 m²
25	ASD2130-3	2100	3048	2100	Double Glazed	6.4 m²
26	DA2109	2057	850	2143	Double Glazed	1.7 m²
27	SD2118	2100	1810	2100	Double Glazed	3.8 m²
28	Ø450 SOLARTUBE					
29	Ø450 SOLARTUBE					
30	S1015	1029	1450	2143	Standard SG Glazed	1.5 m²
31	S1015	1029	1450	2143	Standard SG Glazed	1.5 m²
32	S1015	1029	1450	2143	Standard SG Glazed	1.5 m²
33	DH1824	1800	2410	2143	Standard SG Glazed	4.3 m²
34	F0724	686	2410	2143	Standard SG Glazed	1.7 m²
TOTAL GLAZING						116.0 m²



SECTION
COUNCIL PLAN
THE GRANGE 1

JOB No.

2349

PROPOSED RESIDENCE
JOLANDA NOEL-GOUGH
10 SONGLINE PLACE, BURRADOO 2576
LOT 2 IN D.P.1130184

SCALE: 1 : 100

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DATE: 18 Jan 2021

CONSULANT: E.J.

DRAWN: TRINH LE

REV: T5-07/04/2021

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