FOR DA SUBMISSION

NEW DWELLLING

18 CLYDE ROAD, DEE WHY 2099





Brad Hoad 20731 Accreditation no : Certificate date: welling Address: 18 Clyde Road DEE WHY, NSW





GENERAL NOTES

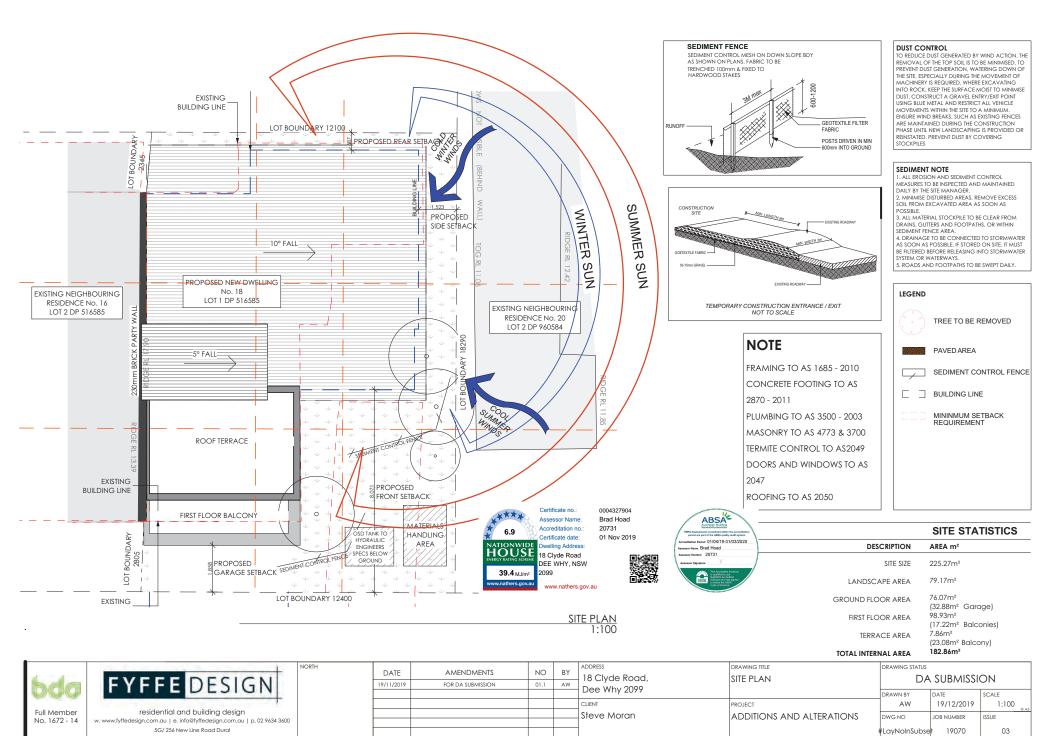
1. ONLY FIGURED DIMENSIONS ARE TO BE USED. DO NOT SCALE DIMENSIONS FROM THESE DRAWINGS.

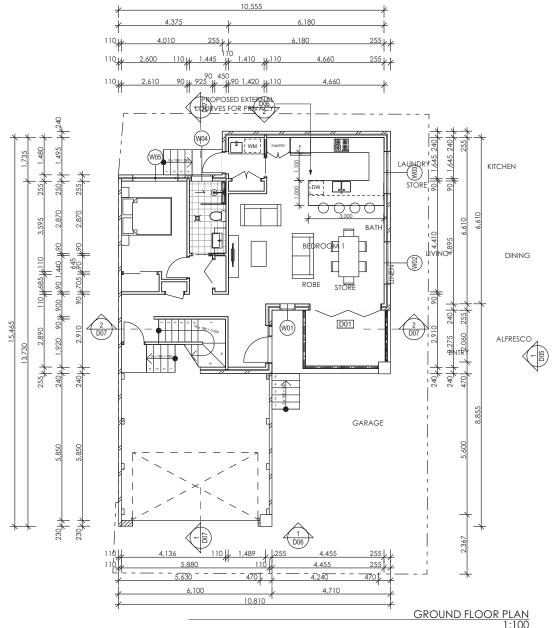
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- 2. ALL FIGURED DIMENSIONS ARE TO BE CONFIRMED ON SITE BY THE BUILDER PRIOR TO THE COMMENCEMENT OF ANY WORK.
- 3. ALL FINISHED LEVELS ARE TO AN ASSUMED DATUM. ALL LEVELS TO BE CONFIRMED ON SITE BY THE BUILDER PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
- 4. ALL WORKMANSHIP, MATERIALS AND CONSTRUCTION TO BE IN ACCORDANCE WITH ALL RELEVANT BUILDING CODES AND STANDARDS. ALL LOCAL COUNCIL REQUIREMENTS ARE TO BE STRICTLY ADHERED TO.
- 5. ALL SERVICES AND UTILITES ARE TO BE IDENTIFIED BY THE BUILDER PRIOR TO THE COMMENCEMENT OF ANY WORK.
- 6. OPENING SIZES ARE NOMINAL ONLY AND ARE TO BE ADJUSTED TO SUIT INDIVIDUAL MANUFACTURERS REQUIREMENTS.
- 7. ALL FLASHING AND WATERPROOFING TO BE PROVIDED BY THE BUILDER.

	SHEET LIST	
DRAWING NO.	TITLE	SCALE
D01	COVER PAGE	1:1.33
D02	SITE PLAN	1:100
D03	GROUND FLOOR PLAN	1:100
D04	FIRST AND ROOF TERRACE FLOOR PLAN	1:100
D05	NORTH ELEVATION	1:100
D06	EAST AND WEST ELEVATIONS	1:100
D07	SECTIONS	1:100
D08	ROOF PLAN AND SHADOW DIAGRAMS	1:100, 1:500
D09	NOTIFICATION PLAN	
D10	BASIXs commitments	1:1.58

2	FVFFF 11/193SIGN	NORTH	DATE 19/11/2019	AMENDMENTS FOR DA SUBMISSION	NO 01.1	BY	ADDRESS 18 Clyde Road,	DRAWING TITLE COVER PAGE	DRAWING STATUS DA	SUBMISSI	ON
	TITEBESIGN						Dee Why 2099	PROJECT	DRAWN BY AW	DATE 19/12/2019	1:1.33
Full Member No. 1672 - 14	residential and building design w.www.fyffedesign.com.au e. info@fyffedesign.com.au p. 02 9634 3600 5G/256 New Line Road Dural						Steve Moran	ADDITIONS AND ALTERATIONS	DWG NO #LayNoInSubse	JOB NUMBER † 19070	ISSUE 03





Specifications

Water

- 1,500 Rainwater tank, approx. 50% of roof draining to it, connect to WC, garden tap & washing machine
- 3 star showerhead 7.5-9L/m
- 4 star WC
- 4 star taps

Thermal

- Light/medium coloured walls
- Dark colour roof
- Raft slab (timber to living areas, tiles to wet areas and carpet to beds
- R2.0 wall insulation to framed wall between house/garage
- 10mm foil faced foam cavity insulation to cavity brick external walls (excluding garage)
- R3.5 ceiling insulation (excluding garage_
- Anticon insulation to roof
- Self sealing exhaust fans to wet areas with shower
- Surface mounted lighting
- Weather stripping
- Standard windows (wideline spec)
- Sliding/fixed Uw 6.4 & shgc 0.76 clear glass
- Bifold door Uw 6.2 & shgc 0.62 clear glass
- Awning Uw 6.5 & shgc 0.63 clear glass
- Louver Uw 6.0 & shac 0.67 clear glass (assumed breezeway)
- Entry frame/hung door Uw5.9 & shgc 0.6 clear glass

Eneray

- Gas instantaneous HWS 6 stars
- Three phase reverse cycle A/C
- Exhaust fan to wet areas with a shower, ducted to outside air
- Rangehood, ducted to outside air
- Gas cooktop, electric oven
- External clothesline



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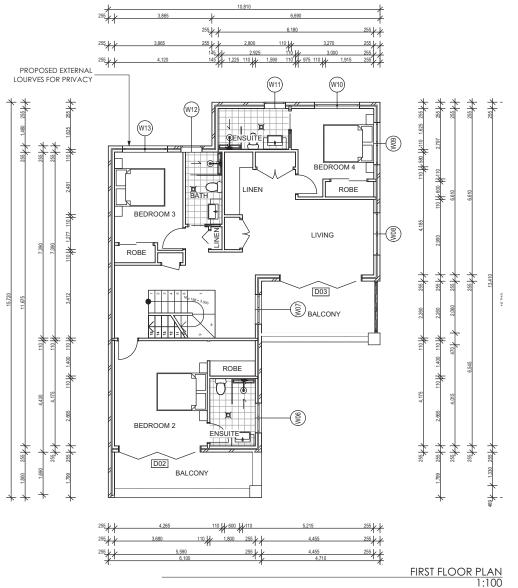
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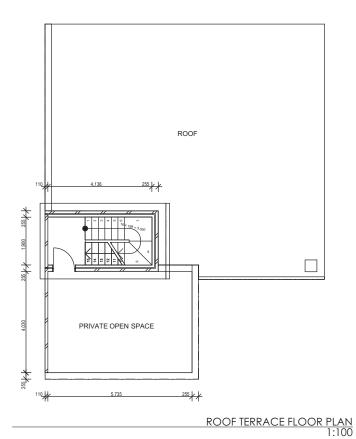
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AMENDMENTS NO 18 Clyde Road, FOR DA SUBMISSION 01.1 Dee Why 2099 CHENT Steve Moran

DRAWING TITLE GROUND FLOOR PLAN PROJECT ADDITIONS AND ALTERATIONS

DRAWING STATUS DA SUBMISSION DRAWN BY DATE SCALE AW 19/12/2019 1:100 IOR NUMBER OWG NO JI 221 19070 03 LayNoInSubse







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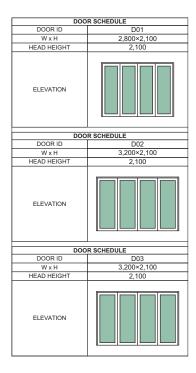


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NORTH ELEVATION 1:100

						WINDOW SCHE	DULE						
WINDOW ID	W01	W02	W03	W04	W05	W06	W07	W08	W09	W10	W11	W12	W13
WxH	600×1,800	1,690×860	1,690×860	850×850	1,800×1,275	1,190×860	1,190×860	1,690×860	1,690×860	1,800×850	850×850	850×850	1,800×1,200
HEAD HEIGHT	2,054	2,100	2,100	2,100	2,100	2,100	2,100	2,100	2,100	2,100	2,100	2,100	2,100
ELEVATION													





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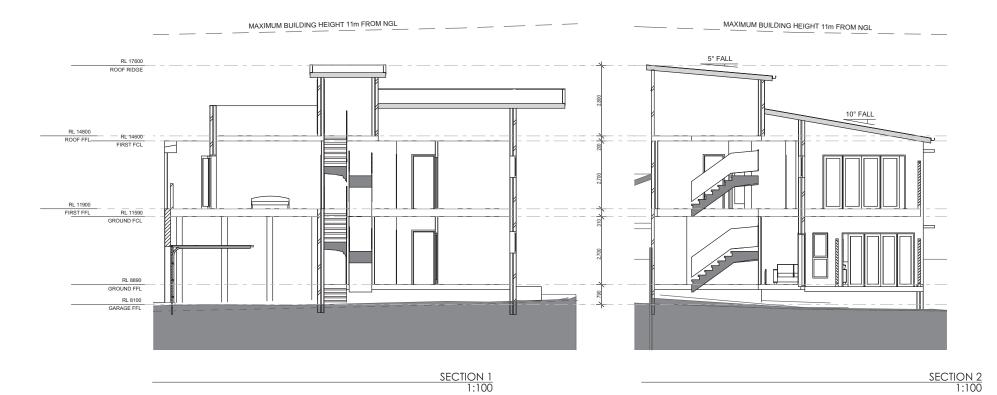


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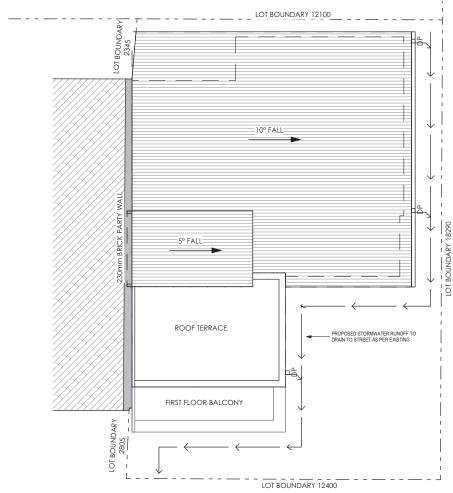
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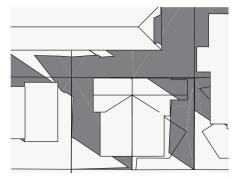
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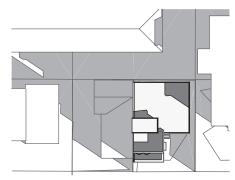




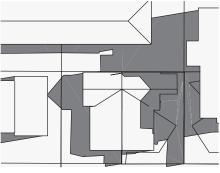




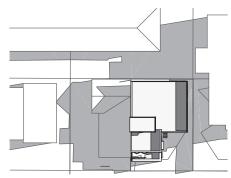
21 JUNE 9AM - EXISTING



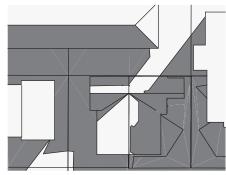
21 JUNE 9AM - PROPOSED 1:500



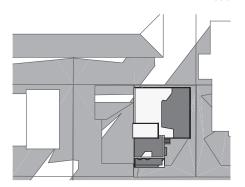
21 JUNE 12PM - EXISTING



21 JUNE 12PM - PROPOSED



21 JUNE 3PM - EXISTING 1:500



21 JUNE 12PM - PROPOSED 1:500

SCALE 1:100, 1:500

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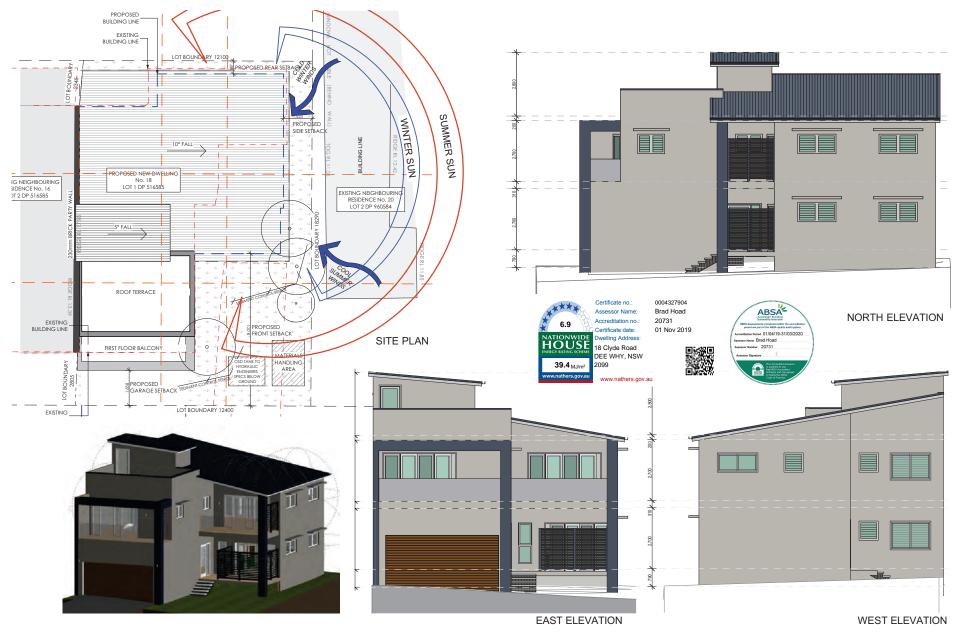
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ORTH	DATE	AMENDMENTS	NO	
	19/11/2019	FOR DA SUBMISSION	01.1	

ROOF PLAN 1:100

ADDRESS	DRAWING TITLE	DRAWING STATUS			
	ROOF PLAN AND SHADOW DIAGRAMS	DA SUBMISSION			
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DATE AMENDMENTS NO BY

19/11/2019 FOR DA SUBMISSION 01.1 AW
Dee Why 2099

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Steve Moran

DRAWING TITLE DRAWING STATUS NOTIFICATION PLAN DA SUBMISSION DRAWN BY DATE SCALE PROJECT AW 19/12/2019 ADDITIONS AND ALTERATIONS DWG NO JOB NUMBER ISSUE 19070 *LayNoInSubse

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

Single Dwelling

Certificate number: 1043987S

Project address Project name

Local Government Area

Plan type and plan number

Street address

I ot no Section no Project typ

Project type

No. of hedrooms

Site details

. the cold water tap that supplies each clothes washer in the development

The applicant must connect the rainwater tank to: all toilets in the development

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 6/10/2017 published by the Department. This document is available at www.basix.nsw.gov.au



Certificate no.: Assessor Name: Accreditation no.: 6.9 Certificate date: welling Address: HOUSE 18 Clyde Road DEE WHY, NSW 39.4_{MJ/m²} 2099

Brad Hoad 20731 01 Nov 2019

ssor Name Brad Hoad



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www.nathers.gov.au

sor Number 20731	Certificate Prepared by
essor Signature	Name / Company Name: Thermal Performance
This Accredited Assessor to qualified to use NathGlid Accredited Software and has agreed	ABN (if applicable): 64 137 428 767

The state of the s		
- Communication	Assessor details and thermal I	oads
FYF001	Assessor number	207
18 Clyde Road DEE WHY 2099	Certificate number	000
Northern Beaches Council	Climate zone	56
Deposited Plan 516585	Area adjusted cooling load (MJ/m².year)	13
1	Area adjusted heating load (MJ/m².year)	27
-	Project score	
	Water	V
separate dwelling house		+
4	Thermal Comfort	~
	Energy	V
225		
112		
159.0		
12.0		

Project name

Street address

Lot no. Section no.

Water

Energy

eriod 01/04/19-31/03/2020

Project type

No. of bedrooms

Thermal Comfort

Local Government Area

Plan type and plan number

FYF001

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43

✓ Pass

y 55

✓ Pass

18 Clyde Road DEE WHY 2099

Target 40

Target Pass

Target 50

Target Pass

Target 50

Northern Beaches Council

separate dwelling house

deposited 516585

Site area (m²)	225				
Roof area (m²)	112				
Conditioned floor area (m2)	159.0				
Unconditioned floor area (m2)	12.0				
Total area of garden and lawn (m2)	65				
Water Commitments			Show on DA plans	Show on CC/CDC plans & specs	Certifier check
Fixtures					
The applicant must install showerheads with	a minimum rating of 3 star (> 7.5 but <= 9 L/mir	n) 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 star in the kitchen in the development.			✓		
The applicant must install basin taps with a minimum rating of 4 star in each bathroom in the development.			~		
Alternative water					
Rainwater tank					
The applicant must install a rainwater tank of accordance with, the requirements of all appl	at least 1500 litres on the site. This rainwater tricable regulatory authorities.	ank must meet, and be installed in	~	~	-
	ank to collect rain runoff from at least 100 squar which drains to any stormwater tank or private o			•	•

Thermal Comfort Commitments	Show on DA plans	Show on CC/CDC plans & specs	Certifier check
Simulation Method			
The applicant must attach the certificate referred to under "Assessor Details" on the front page of this BASIX certificate (in Pracessor 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 an occupation certificate for the proposed development.			
The Assessor Certificate must have been issued by an Accredited Assessor in accordance with the Thermal Comfort Protocol.			
The details of the proposed development on the Assessor Certificate must be consistent with the details shown in this BASIX certificate, including the Cooling and Heating loads shown on the front page of this certificate.			
The applicant must show on the plans accompanying the development application for the proposed development, all matters which the Assessor Certificate requires to be shown on those plans. Those plans must bear a stamp of endosement from the Accredited Assessor to certify that this is the case. 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.	~	~	~
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.		~	~
The applicant must construct the floors and walls of the dwelling in accordance with the specifications listed in the table below.	~	~	~

Floor and wall construction	Area			
floor - concrete slab on ground	All or part of floor area square metres			
floor - suspended floor above garage	All or part of floor area			
Energy Commitments		Show on DA plans	Show on CC/CDC plans & specs	Certifier check
Hot water				
The applicant must install the following hot water system in the development, or a system with instantaneous with a performance of 6 stars.	a higher energy rating: gas	~	V	~
Cooling system				
The applicant must install the following cooling system, or a system with a higher energy rating airconditioning; Energy rating: EER $3.0 - 3.5$, in at least 1 living area: 3-phase		V	~
The applicant must install the following cooling system, or a system with a higher energy rating airconditioning; Energy rating: EER $3.0 - 3.5$, in at least 1 bedroom: 3-phase		~	~
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 airconditioning; Energy rating: EER $3.5 - 4.0$, in at least 1 living area: 3-phase		~	~
The applicant must install the following heating system, or a system with a higher energy rating airconditioning; Energy rating: EER $3.5 - 4.0$, in at least 1 bedroom: 3-phase		~	~
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, ducted to façade or roof; Operation control: manual switch	n on/off		La l	L La
Kitchen: individual fan, ducted to façade or roof; Operation control: manual switch on/off			•	•
Talonon. Individual fair, decide to layade of root, operation control. Individual owners of the			~	~
Laundry: natural ventilation only, or no laundry; Operation control: n/a			~	~
Artificial lighting				
The applicant must ensure that the "primary type of artificial lighting" is fluorescent or light emit following rooms, and where the word "dedicated" appears, the fittings for those lights must only light emitting diode (LED) lamps:				
at least 4 of the bedrooms / study; dedicated			<u> </u>	
at least 3 of the living / dining rooms; dedicated			,	-
the kitchen; dedicated				Ŭ
all bathrooms/toilets; dedicated			, and	, i
the laundry; dedicated			Y	Y
all hallways; dedicated			_	
Natural lighting			_	_
The applicant must install a window and/or skylight in the kitchen of the dwelling for natural ligh	ting.			
The applicant must install a window and/or skylight in 4 bathroom(s)/toilet(s) in the developmen		~	~	~
				~
Other				
The applicant must install a gas cooktop & electric oven in the kitchen of the dwelling.			~	
The applicant must install a fixed outdoor clothes drying line as part of the development.			~	
			~	





at least one outdoor tap in the development (Note: NSW Health does not recommend that rainwater be used for human
consumption in areas with potable water supply.)

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