

Basix Requirements Summary - Single Dwelling					
<b>Geraldine Watson</b> <b>28 Maranui Avenue</b> <b>DEE WHY NSW 2099</b>			Prepared by Chapman Environmental Services <a href="http://www.cesenergy.com.au">www.cesenergy.com.au</a> 1300 004 914		
					

Water Target	40	Water Score	<b>40</b>	Conditioned Area	33.8
Energy Target	50	Energy Score	<b>73</b>	Unconditioned Area	0
Thermal Comfort Target	Pass	Thermal Comfort Score	<b>Pass</b>		

Basix Commitments					
<b>Landscaping</b>	Total area of garden & lawn (m <sup>2</sup> )	60	Area of indigenous/low water use plants (m <sup>2</sup> )	0	

<b>Fixtures</b>	Shower heads	4 star (> 6 but <= 7.5 L/min)	Toilets	4 star	All taps	4 star
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<b>Alternative Water</b>	Minimum Rainwater tank size (L)	2000	Collect run off from roof area of at least (m <sup>2</sup> )			33
	Toilet connection	Laundry connection	Landscape connection	Pool top up	Spa top up	
	Yes	Yes	Yes	n/a	n/a	

<b>Pool and Spa</b>	Max pool volume (kL)	n/a			
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Energy	Hot water system	Gas instantaneous	Rating	5 star		
	Bathroom ventilation	Individual fan, ducted to facade or roof	with	Manual switch on/off		
	Kitchen ventilation	Individual fan, ducted to facade or roof	with	Manual switch on/off		
	Laundry ventilation	Natural ventilation only, or no laundry				
	Cooling - living areas	No active cooling system			Zoned	
	Cooling - bedrooms	No active cooling system				
	Heating - living areas	Gas fixed flued heater	Rating	3 star		
	Heating - bedrooms	No active heating system				
	Alternate Energy	Photovoltaic system able to generate at least		1.0 min	peak kilowatts of electricity	
Gas cooktop & electric oven		Outdoor clothesline required		No indoor clothesline required		

Thermal Performance Assessment Based on the Following Requirements					
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<b>Floor Types</b>	Concrete slab on ground	with	No insulation required		
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<b>External Walls</b>	Cavity brick	with	R0.5 minimum required		
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<b>Internal Walls</b>	Plasterboard	with	No insulation required		
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<b>Ceilings (roof over)</b>	Timber above plasterboard.	with	R3.5 bulk insulation		
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<b>Roof</b>	Metal	with	Sarking	Colour	Dark
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<b>Windows and Doors</b>	AF single glazed clear		Group A	ALM-001-01	U-Value 6.70 or less	SHGC 0.57 +/- 5%
	to all windows and glazed doors unless noted otherwise		Group B	ALM-002-01	U-Value 6.70 or less	SHGC 0.70 +/- 5%
	Group A windows are Awning, Bifold, Casement or Tilt'n'turn		Group A doors are Bifold, Entry, French or Hinged			
	Group B windows are Double hung, Fixed, Louvre or Sliding		Group B doors are Sliding or Stacker			
	AF = Aluminium Framed	TB = Thermally Broken Aluminium Framed	TF = Timber Framed			

<i>If the Universal Certificate indicates downlights, then these are to be non-ventilated LED / fluorescent</i> <i>Any exhaust fans noted are to be fitted with self-closing dampers or be otherwise sealed</i> <i>All insulation specified must be installed in accordance with Part 3.12.1.1 of the BCA</i> <i>If there is a discrepancy between this document and the Natethers Certificate, then the Natethers Certificate shall take precedence</i>						
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Notes