




Basix Requirements Summary					
New Dwelling 23 Chelmsford Avenue BANKSTOWN NSW 2200		Prepared by Chapman Environmental Services www.cesenergy.com.au 1300 004 914		  	
Water Target	40	Water Score	45	Conditioned Area	231.7
Energy Target	72	Energy Score	72	Unconditioned Area	32.3
Max H & C Loads are (MJ/m²)	30	Actual H & C Loads are (MJ/m²)	29.5	Star Rating	7.1
Basix Commitments					
Landscaping	Total area of garden & lawn (m²)	100	Area of indigenous/low water use plants (m²)		0
Fixtures	Shower heads	4 star (> 6 but <= 7.5 L/min)	Toilets	4 star	All taps 4 star
Alternative Water	Minimum Rainwater tank size (L)	3000	Collect run off from roof area of at least (m²) 100		
	Toilet connection No	Laundry connection Yes	Landscape connection Yes	Pool top up n/a	Spa top up n/a
Pool and Spa	Max pool volume (kL)	n/a			
Energy	Hot water system	Electric heat pump - air sourced		Rating	26 to 30 STCs
	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	Individual fan, ducted to facade or roof		with	Manual switch on/off
	Cooling - living areas	Ceiling fans + 1-phase airconditioning		Rating	EER 3.0 - 3.5
	Cooling - bedrooms	1-phase airconditioning		Rating	EER 3.0 - 3.5
	Heating - living areas	1-phase airconditioning		Rating	EER 3.0 - 3.5
	Heating - bedrooms	1-phase airconditioning		Rating	EER 3.0 - 3.5
	Alternate Energy	Photovoltaic system able to generate at least		n/a	peak kilowatts of electricity
Electric cooktop & electric oven	Outdoor clothesline required		No indoor clothesline required		
Thermal Performance Assessment Based on the Following Requirements					
Floor Types	35mm Alpha panel flooring system with No insulation required				
Floor Coverings	Tiles	Living / Wet areas	Timber	n/a	
	Carpet	Bedrooms	Concrete	Garage	
External Walls	Timber framed Fibro clad with Sarking and R2.5 bulk insulation Colour Medium				
Internal Walls	Plasterboard with R2.5 bulk insulation to laundry and 2x bathrooms only				
Ceiling (floor over)	35mm Alpha panel flooring system with No insulation required				
Ceilings (roof over)	Timber above plasterboard. with R4.0 bulk insulation				
Roof	Metal 5 degrees with R1.3 roof blanket (exc garage) Colour Medium				
Windows and Doors	AF double glazed clear		Sliding W	VAN-003-02	U-Value 4.70 or less SHGC 0.48 +/- 5%
	to all windows and glazed doors unless noted otherwise		Awning W	AWS-023-36	U-Value 5.00 or less SHGC 0.48 +/- 5%
			D-Hung W	VAN-002-26	U-Value 4.60 or less SHGC 0.50 +/- 5%
			Fixed W	AWS-069-08	U-Value 3.60 or less SHGC 0.69 +/- 5%
			Sliding D	AWS-077-31	U-Value 3.30 or less SHGC 0.44 +/- 5%
			Hinged D	AWS-019-01	U-Value 4.10 or less SHGC 0.52 +/- 5%
AF = Aluminium Framed TB = Thermally Broken Aluminium Framed TF = Timber Framed					
<p><i>If the Universal Certificate indicates downlights, then these are to be non-ventilated LED / fluorescent</i></p> <p><i>Any exhaust fans noted are to be fitted with self-closing dampers or be otherwise sealed</i></p> <p><i>All insulation specified must be installed in accordance with Part 3.12.1.1 of the BCA</i></p> <p><i>If there is a discrepancy between this document and the NatHERS Certificate, then the NatHERS Certificate shall take precedence</i></p>					
Notes	2x Ceiling fans to lower and upper living areas				

