


Basix Requirements Summary					
Emma & Tom Lambert 12 Molong Street NORTH CURL CURL NSW 2099		Prepared by Chapman Environmental Services www.cesenergy.com.au 1300 004 914			
Water Target	40	Water Score	41	Conditioned Area	361.1
Energy Target	72	Energy Score	79	Unconditioned Area	20.1
Max H & C Loads are (MJ/m²)	30	Actual H & C Loads are (MJ/m²)	29.3	Star Rating	7.1
Basix Commitments					
Landscaping	Total area of garden & lawn (m²)	240	Area of indigenous/low water use plants (m²)		0
Fixtures	Shower heads	4 star (> 4.5 but <= 6 L/min)		Toilets	4 star
Alternative Water	Minimum Rainwater tank size (L)	3000	Collect run off from roof area of at least (m²)		150
	Toilet connection No	Laundry connection Yes	Landscape connection Yes	Pool top up Yes	Spa top up n/a
Pool and Spa	Max pool volume (kL)	50	Pool does not require a cover	Pool pump must have a timer	
	Pool heating	Electric heat pump			
Energy	Hot water system	Electric heat pump - air sourced		Rating	Fewer than 15 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 + 3-phase airconditioning		Rating	EER 3.0 - 3.5
	Cooling - bedrooms	Ceiling fans + 3-phase airconditioning		Rating	EER 3.0 - 3.5
	Heating - living areas	3-phase airconditioning		Rating	EER 3.0 - 3.5
	Heating - bedrooms	3-phase airconditioning		Rating	EER 3.0 - 3.5
	Alternate Energy	Photovoltaic system able to generate at least		min 5.0	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	Concrete slab on ground	with	R1.1 under slab insulation (exc garage level)		
Floor Coverings	Tiles	Living / Wet areas	Timber	n/a	
	Carpet	Bedrooms	Concrete	Garage	
External Walls	Concrete block	with	Nil	Colour	Light
	Timber framed Fibro clad	with	Sarking and R2.5 bulk insulation	Colour	Light
Internal Walls	Blockwork	with	Nil		
	Plasterboard	with	No insulation required		
Ceiling (floor over)	Concrete (Garage ceiling)	with	R1.0 insulation to garage/basement ceilings only.		
	Alpha Flooring System above plasterboard	with	No insulation required		
Ceilings (roof over)	Timber above plasterboard.	with	R4.0 bulk insulation		
Roof	Metal	2 degrees	with	Sarking	Colour Light
Windows and Doors	AF double glazed clear - Lightbridge	Awning W	AWS-060-016	U-Value 4.00 or less	SHGC 0.41 +/- 5%
	to all windows and glazed doors unless noted otherwise	Fixed W	AWS-071-009	U-Value 2.70 or less	SHGC 0.51 +/- 5%
		Sliding D	AWS-077-314	U-Value 3.20 or less	SHGC 0.46 +/- 5%
		Hinged D	AWS-019-042	U-Value 3.20 or less	SHGC 0.41 +/- 5%
	AF single glazed LowE	Louvres	VAN-004-08	U-Value 4.50 or less	SHGC 0.54 +/- 5%
To all Louvres only					
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	<p>** - 1x ceiling fans to all bedrooms and flex rooms</p> <p>** - 2x ceiling fans to 2nd living area</p> <p>** - 3x ceiling fans to kitchen, living dining area</p>				

