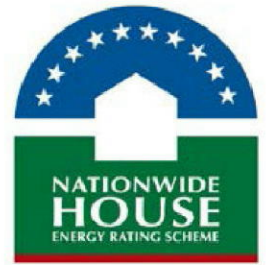




NatHERS Certificate

New Dwelling



6.0 Stars

Simulation Software

Software Name BERS Pro 4.2
Software Version Release 110811/A
Engine Version CHENATH V2.13

Simulation Details

Project Name tph141082_1
Date 3/03/2014
Location KINGSWOOD PC 2747
Climate file climat28.TXT
Adjusted Star Rating 6.0 Stars
Conditioned Area 127.39 m²
Unconditioned Area 43.66 m²
Adjusted Cooling 23.9 MJ/m²
Adjusted Heating 62.9 MJ/m²
Adjusted Total 86.8 MJ/m²

Dwelling Address

DP Number 1168992
Unit Number BDAV#14521082
Lot Number 2182
House Number
Street Name Adina Street
Development Name
Suburb Jordan Springs NSW 2747

Client Details

Name Mc Donald Jones Homes Sydney
Phone Fax
Email
Postal Address P.O. Box 7994, Baulkham Hills NSW 2153
Street Details Suite 1 , 62 Norwest Boulevard, Baulkham Hills NSW 2153

Assessor Details

Name Stephen Hardy
Phone 02 42858216 Fax
Email stephen@tphouse.com.au
Postal Address T P House Pty Ltd
Street Details 24 Duncan Street, Balgownie. NSW 2519

Signed by the Assessor.....



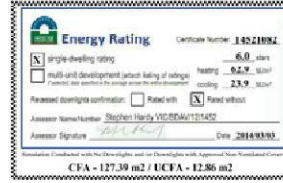
*Tiltea roof windows with blinds cannot be modelled using this version of BERSPro.
All windows are modelled with Hollana Blinds for regulatory purposes.*

Building Element Details

Project tph141082 Run 1
KINGSWOOD PC 2747 Lat -33.70 Long 150.70 Climate File climat28.TXT

Summary

Conditioned Area	127.4 m ²
Unconditioned Area	43.7 m ²
Total Floor Area	171.1 m ²
Total Glazed Area	31.2 m ²
Total External Solid door Area	13.0 m ²
Glass to Floor Area	18.2 %
Gross External Wall Area	158.0 m ²
Net External Wall Area	113.8 m ²



Window

31.2 m² GGG-05-001a Generics Uval 6.57 SHGC 0.74
Glass Single Glazed Clear
Frame Aluminium

External Wall

20.5 m² Brick Veneer No Insulation
3.8 m² Cavity Brick No Insulation
89.5 m² Brick Veneer Bulk Insulation R 1.5

Internal Wall

139.0 m² Cavity Panel 70mm gap No Insulation

External Floor

30.8 m² Concrete Slab on Ground Bare Bulk Insulation in Contact with Floor R 0.5
59.9 m² Concrete Slab on Ground Carpet+Rubber Underlay 18mm Bulk Insulation in Contact with Floor R 0.5
80.3 m² Concrete Slab on Ground Ceramic Tiles 8mm Bulk Insulation in Contact with Floor R 0.5

External Ceiling

30.8 m² Plasterboard No Insulation Unventilated roofspace
140.3 m² Plasterboard Bulk Insulation R3.0 Unventilated roofspace

Roof (Horizontal area)

171.0 m² Corrugated Iron Bulk, Reflective Side Down, Anti-glare Up R 1.0 26° slope Hip roof

Details

Zone 1		Garage 1		Garage Area on Level 1					
Air Movement	Screens	Seals	Chimney	Gas vent	Wall vents	Downlights	Ex Fans	Ceilin fans	
	No	Yes	No	No	0	0	0	No	
External Floor					Area	Covering	Type		
						Insulation			
					30.80	Bare Concrete Slab on Ground			
						Bulk Insulation in Contact with Floor		R0.50	
Ceiling		Slope			Area	Type			
		0			30.80	Plasterboard	No Insulation		
						Unventilated roofspace cavity			
Roof		Slope	Shape		Type	Solar Abs			
		26	Hip			Insulation			
						Corrugated Iron	0.30		
						Bulk, Reflective Side Down, Anti-glare Up		R1.00	
Partition Wall	Length	Height		AdjZ	Area	Type			
Wall P 2	2.80	2.40		6	6.72	Cavity Panel 70mm gap	No Insulation		
Wall P 3	1.30	2.40		7	1.55	Cavity Panel 70mm gap	No Insulation		
Door Int	Width	Height		AdjZ	Area	Type			
Door I(3, 1)	0.77	2.04		7	1.57	Hollow core door			
Wall P 4	4.90	2.40		7	11.76	Cavity Panel 70mm gap	No Insulation		
External Wall	Length	Height	Eaves	Orient	Area	Type	Abs		
						Insulation			
Wall E 1	1.50	2.70	0.20	285	4.05	Brick Veneer	0.50	No Insulation	
Wall E 5	0.60	2.70	5.40	15	1.62	Brick Veneer	0.50	No Insulation	
Wall E 6	5.60	2.70	0.20	105	3.84	Cavity Brick	0.50	No Insulation	
Door Ext	Width	Height	Eaves	Orient	Area	Type			
Door E(6, 1)	4.80	2.35	0.20	105	11.28	Steel door			
Wall E 7	5.50	2.70	0.20	195	14.85	Brick Veneer	0.50	No Insulation	

Zone 2		Living 1		Living Area on Level 1					
Air Movement	Screens	Seals	Chimney	Gas vent	Wall vents	Downlights	Ex Fans	Ceilin fans	
	Yes	Yes	No	No	0	0	0	No	
External Floor					Area	Covering	Type		
						Insulation			
					12.60	Carpet+Rubber Underlay 18mm	Concrete Slab on Ground		
						Bulk Insulation in Contact with Floor		R0.50	
Ceiling		Slope			Area	Type			
		0			12.60	Plasterboard			
						Bulk Insulation R3.00			
						Unventilated roofspace cavity			
Roof		Slope	Shape		Type	Solar Abs			
		26	Hip			Insulation			
						Corrugated Iron	0.30		
						Bulk, Reflective Side Down, Anti-glare Up		R1.00	
Partition Wall	Length	Height		AdjZ	Area	Type			
Wall P 1	3.50	2.40		7	5.81	Cavity Panel 70mm gap	No Insulation		
Door Int	Width	Height		AdjZ	Area	Type			
Door I(1, 1)	1.20	2.15		7	2.59	Opening in wall			
Wall P 2	3.60	2.40		10	8.64	Cavity Panel 70mm gap	No Insulation		
Wall P 4	2.10	2.40		4	5.04	Cavity Panel 70mm gap	No Insulation		
Wall P 5	1.50	2.40		3	3.60	Cavity Panel 70mm gap	No Insulation		
External Wall	Length	Height	Eaves	Orient	Area	Type	Abs		
						Insulation			
Wall E 3	3.50	2.40	0.60	15	6.78	Brick Veneer	0.50		
						Bulk Insulation		R1.50	
Window	Width	Height	Eaves	Orient	Area	Name	Glass	Frame	
						Opening	Covering		
						Shading			
Window(3, 1)	2.70	0.60	0.60	15	1.62	GGG-05-001a	Single Glazed Clear	Aluminium	
						45% Opening Sliding, Two Lites	Holland Blind		
						No Shading			

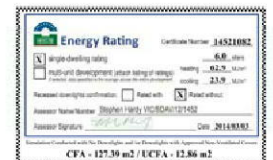


Zone 3 Sleeping 1 Sleeping Area on Level 1

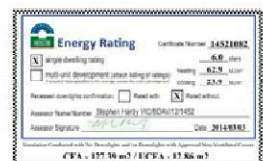
Air Movement	Screens	Seals	Chimney	Gas vent	Wall vents	Downlights	Ex Fans	Ceilin fans
	Yes	Yes	No	No	0	0	0	No
External Floor					Area	Covering	Type	
					15.60	Carpet+Rubber Underlay 18mm	Concrete Slab on Ground	
						Bulk Insulation in Contact with Floor R0.50		
Ceiling		Slope			Area	Type		
		0			15.60	Plasterboard		
						Bulk Insulation R3.00		
						Unventilated roofspace cavity		
Roof		Slope	Shape		Type	Solar Abs		
		26	Hip		Insulation	Corrugated Iron	0.30	
						Bulk, Reflective Side Down, Anti-glare Up R1.00		
Partition Wall	Length	Height	AdjZ	Area	Type			
Wall P 2	3.90	2.40	7	7.79	Cavity Panel 70mm gap	No Insulation		
Door Int	Width	Height	AdjZ	Area	Type			
Door I(2, 1)	0.77	2.04	7	1.57	Hollow core door			
Wall P 3	1.50	2.40	2	3.60	Cavity Panel 70mm gap	No Insulation		
Wall P 4	2.00	2.40	4	4.80	Cavity Panel 70mm gap	No Insulation		
Wall P 5	2.10	2.40	4	3.47	Cavity Panel 70mm gap	No Insulation		
Door Int	Width	Height	AdjZ	Area	Type			
Door I(5, 1)	0.77	2.04	4	1.57	Hollow core door			
External Wall	Length	Height	Eaves	Orient	Area	Type	Abs	
						Insulation		
Wall E 1	1.60	2.40	2.10	195	3.84	Brick Veneer	0.50	
						Bulk Insulation R1.50		
Wall E 6	3.50	2.40	0.60	15	8.40	Brick Veneer	0.50	
						Bulk Insulation R1.50		
Wall E 7	3.60	2.40	1.50	105	4.90	Brick Veneer	0.50	
						Bulk Insulation R1.50		
Window	Width	Height	Eaves	Orient	Area	Name	Glass	Frame
						Opening	Covering	
						Shading		
Window(7, 1)	1.20	2.08	1.50	105	2.50	GGG-05-001a	Single Glazed Clear	Aluminium
						30% Opening Holland Blind		
						No Shading		
Window(7, 2)	0.60	2.08	0.80	105	1.25	GGG-05-001a	Single Glazed Clear	Aluminium
						Fixed Glass Holland Blind		
						No Shading		

Zone 4 Other Night-tim Other Night-time Area on Level 1

Air Movement	Screens	Seals	Chimney	Gas vent	Wall vents	Downlights	Ex Fans	Ceilin fans
	Yes	Yes	No	No	0	0	0	No
External Floor					Area	Covering	Type	
					4.20	Ceramic Tiles 8mm	Concrete Slab on Ground	
						Bulk Insulation in Contact with Floor R0.50		
Ceiling		Slope			Area	Type		
		0			4.20	Plasterboard		
						Bulk Insulation R3.00		
						Unventilated roofspace cavity		
Roof		Slope	Shape		Type	Solar Abs		
		26	Hip		Insulation	Corrugated Iron	0.30	
						Bulk, Reflective Side Down, Anti-glare Up R1.00		
Partition Wall	Length	Height	AdjZ	Area	Type			
Wall P 2	2.10	2.40	3	3.47	Cavity Panel 70mm gap	No Insulation		
Door Int	Width	Height	AdjZ	Area	Type			
Door I(2, 1)	0.77	2.04	3	1.57	Hollow core door			
Wall P 3	2.00	2.40	3	4.80	Cavity Panel 70mm gap	No Insulation		
Wall P 4	2.10	2.40	2	5.04	Cavity Panel 70mm gap	No Insulation		
External Wall	Length	Height	Eaves	Orient	Area	Type	Abs	



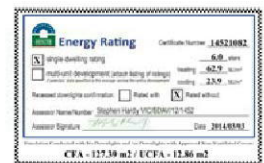
Wall E	1	2.00	2.40	0.60	15	4.20	Insulation				
							Brick Veneer	0.50			
							Bulk Insulation	R1.50			
Window		Width	Height	Eaves	Orient	Area	Name	Glass	Frame		
							Opening	Covering			
							Shading				
Window(1, 1)		0.60	1.00	0.60	15	0.60	GGG-05-001a	Single Glazed Clear	Aluminium		
							45% Opening Sliding, Two Lites	Holland Blind			
							No Shading				
Zone 5 Liv/Kitchen 1 Living/Kitchen Area on Level 1											
Air Movement	Screens	Seals	Chimney	Gas vent	Wall vents	Downlights	Ex Fans	Ceilin fans			
	Yes	Yes	No	No	0	0	0	No			
External Floor					Area	Covering	Type				
					49.54	Ceramic Tiles 8mm	Concrete Slab on Ground				
						Bulk Insulation	in Contact with Floor	R0.50			
Ceiling		Slope			Area	Type					
		0			49.54	Insulation					
						Above Ceiling					
						Plasterboard					
						Bulk Insulation	R3.00				
						Unventilated roofspace cavity					
Roof		Slope	Shape			Type	Solar Abs				
		26	Hip			Insulation					
						Corrugated Iron	0.30				
						Bulk, Reflective Side Down, Anti-glare Up	R1.00				
Partition Wall	Length	Height		AdjZ	Area	Type					
Wall P 2	0.40	2.40		9	0.96	Cavity Panel 70mm gap	No Insulation				
Wall P 3	2.50	2.40		12	3.41	Cavity Panel 70mm gap	No Insulation				
Door Int	Width	Height		AdjZ	Area	Type					
Door I(3, 1)	1.20	2.15		12	2.59	Opening in wall					
Wall P 4	2.90	2.40		8	6.96	Cavity Panel 70mm gap	No Insulation				
Wall P 5	2.90	2.40		10	5.39	Cavity Panel 70mm gap	No Insulation				
Door Int	Width	Height		AdjZ	Area	Type					
Door I(5, 1)	0.77	2.04		10	1.57	Hollow core door					
Wall P 6	1.00	2.40		7	0.25	Cavity Panel 70mm gap	No Insulation				
Door Int	Width	Height		AdjZ	Area	Type					
Door I(6, 1)	1.00	2.15		7	2.15	Opening in wall					
Wall P 7	0.60	2.40		7	1.44	Cavity Panel 70mm gap	No Insulation				
Wall P 8	1.50	2.40		7	3.60	Cavity Panel 70mm gap	No Insulation				
Wall P 9	2.80	2.40		6	6.72	Cavity Panel 70mm gap	No Insulation				
External Wall	Length	Height	Eaves	Orient	Area	Type	Abs				
						Insulation					
Wall E 1	5.30	2.40	3.50	285	6.00	Brick Veneer	0.50				
						Bulk Insulation	R1.50				
Window		Width	Height	Eaves	Orient	Area	Name	Glass	Frame		
							Opening	Covering			
							Shading				
Window(1, 1)		3.20	2.10	3.50	285	6.72	GGG-05-001a	Single Glazed Clear	Aluminium		
							33% Opening Sliding, Three Lites	Holland Blind			
							No Shading				
Wall E 10		6.30	2.40	0.70	195	9.61	Brick Veneer	0.50			
							Bulk Insulation	R1.50			
Window		Width	Height	Eaves	Orient	Area	Name	Glass	Frame		
							Opening	Covering			
							Shading				
Window(10, 1)		0.85	2.08	0.70	195	1.77	GGG-05-001a	Single Glazed Clear	Aluminium		
							30% Opening	Holland Blind			
							No Shading				
Window(10, 2)		1.80	2.08	0.70	195	3.74	GGG-05-001a	Single Glazed Clear	Aluminium		
							30% Opening	Holland Blind			
							No Shading				
Wall E 11		0.50	2.40	13.90	105	1.20	Brick Veneer	0.50			
							Bulk Insulation	R1.50			
Wall E 12		1.70	2.40	0.20	195	4.08	Brick Veneer	0.50			
							Bulk Insulation	R1.50			



Wall E 13	0.50	2.40	4.80	285	1.20	Brick Veneer	0.50		
						Bulk Insulation	R1.50		
Wall E 14	1.30	2.40	0.70	195	1.35	Brick Veneer	0.50		
						Bulk Insulation	R1.50		
Window	Width	Height	Eaves	Orient	Area	Name	Glass	Frame	
						Opening	Covering		
						Shading			
Window(14, 1)	0.85	2.08	0.70	195	1.77	GGG-05-001a	Single Glazed Clear	Aluminium	
						30% Opening	Holland Blind		
						No Shading			

Zone 6	Wet Area 1	Wet Area on Level 1							
Air Movement	Screens	Seals	Chimney	Gas vent	Wall vents	Downlights	Ex Fans	Ceilin fans	
	Yes	Yes	No	No	0	0	0	No	
External Floor					Area	Covering	Type		
						Insulation			
					5.32	Ceramic Tiles 8mm	Concrete Slab on Ground		
						Bulk Insulation	in Contact with Floor	R0.50	
Ceiling		Slope			Area	Type			
						Insulation			
		0			5.32	Plasterboard			
						Bulk Insulation	R3.00		
						Unventilated roofspace cavity			
Roof		Slope		Shape		Type	Solar Abs		
		26		Hip		Insulation			
						Corrugated Iron	0.30		
						Bulk, Reflective Side Down, Anti-glare Up	R1.00		
Partition Wall	Length	Height		AdjZ	Area	Type			
Wall P 2	2.80	2.40		5	6.72	Cavity Panel 70mm gap	No Insulation		
Wall P 3	1.90	2.40		7	2.89	Cavity Panel 70mm gap	No Insulation		
Door Int	Width	Height		AdjZ	Area	Type			
Door I(3, 1)	0.82	2.04		7	1.67	Hollow core door			
Wall P 4	2.80	2.40		1	6.72	Cavity Panel 70mm gap	No Insulation		
External Wall	Length	Height	Eaves	Orient	Area	Type	Abs		
						Insulation			
Wall E 1	1.90	2.40	0.70	195	1.47	Brick Veneer	0.50		
						Bulk Insulation	R1.50		
Window	Width	Height	Eaves	Orient	Area	Name	Glass	Frame	
						Opening	Covering		
						Shading			
Window(1, 1)	1.47	2.10	0.70	195	3.09	GGG-05-001a	Single Glazed Clear	Aluminium	
						45% Opening	Sliding, Two Lites	Holland Blind	
						No Shading			

Zone 7	Corridor 1	Corridor Area on Level 1							
Air Movement	Screens	Seals	Chimney	Gas vent	Wall vents	Downlights	Ex Fans	Ceilin fans	
	No	Yes	No	No	0	0	0	No	
External Floor					Area	Covering	Type		
						Insulation			
					11.23	Ceramic Tiles 8mm	Concrete Slab on Ground		
						Bulk Insulation	in Contact with Floor	R0.50	
Ceiling		Slope			Area	Type			
						Insulation			
		0			11.23	Plasterboard			
						Bulk Insulation	R3.00		
						Unventilated roofspace cavity			
Roof		Slope		Shape		Type	Solar Abs		
		26		Hip		Insulation			
						Corrugated Iron	0.30		
						Bulk, Reflective Side Down, Anti-glare Up	R1.00		
Partition Wall	Length	Height		AdjZ	Area	Type			
Wall P 1	4.90	2.40		1	11.76	Cavity Panel 70mm gap	No Insulation		
Wall P 2	1.30	2.40		1	1.55	Cavity Panel 70mm gap	No Insulation		
Door Int	Width	Height		AdjZ	Area	Type			
Door I(2, 1)	0.77	2.04		1	1.57	Hollow core door			



Wall P 3	1.90	2.40		6	2.89	Cavity Panel 70mm gap	No Insulation
Door Int	Width	Height		AdjZ	Area	Type	
Door I(3, 1)	0.82	2.04		6	1.67	Hollow core door	
Wall P 4	1.50	2.40		5	3.60	Cavity Panel 70mm gap	No Insulation
Wall P 5	0.60	2.40		5	1.44	Cavity Panel 70mm gap	No Insulation
Wall P 6	1.00	2.40		5	0.25	Cavity Panel 70mm gap	No Insulation
Door Int	Width	Height		AdjZ	Area	Type	
Door I(6, 1)	1.00	2.15		5	2.15	Opening in wall	
Wall P 7	3.50	2.40		2	5.81	Cavity Panel 70mm gap	No Insulation
Door Int	Width	Height		AdjZ	Area	Type	
Door I(7, 1)	1.20	2.15		2	2.59	Opening in wall	
Wall P 8	3.90	2.40		3	7.79	Cavity Panel 70mm gap	No Insulation
Door Int	Width	Height		AdjZ	Area	Type	
Door I(8, 1)	0.77	2.04		3	1.57	Hollow core door	
External Wall	Length	Height	Eaves	Orient	Area	Type	Abs
						Insulation	
Wall E 9	1.20	2.40	3.10	105	1.16	Brick Veneer 0.50	
						Bulk Insulation R1.50	
Door Ext	Width	Height	Eaves	Orient	Area	Type	
Door E(9, 1)	0.82	2.10	3.10	105	1.72	Solid timber door	

Zone 8 Sleeping 2 Sleeping Area on Level 1

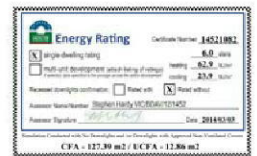
Air Movement	Screens	Seals	Chimney	Gas vent	Wall vents	Downlights	Ex Fans	Ceilin fans
	Yes	Yes	No	No	0	0	0	No

External Floor		Area	Covering	Type	
		10.44	Carpet+Rubber Underlay 18mm	Concrete Slab on Ground	
			Bulk Insulation in Contact with Floor	R0.50	

Ceiling		Slope	Area	Type	
		0	10.44	Plasterboard	
				Bulk Insulation R3.00	
				Unventilated roofspace cavity	
Roof		Slope	Shape	Type	Solar Abs
		26	Hip	Corrugated Iron	0.30
				Bulk, Reflective Side Down, Anti-glare Up	R1.00

Partition Wall	Length	Height		AdjZ	Area	Type	
Wall P 1	3.60	2.40		10	8.64	Cavity Panel 70mm gap	No Insulation
Wall P 2	2.90	2.40		5	6.96	Cavity Panel 70mm gap	No Insulation
Wall P 3	1.00	2.40		12	0.83	Cavity Panel 70mm gap	No Insulation
Door Int	Width	Height		AdjZ	Area	Type	
Door I(3, 1)	0.77	2.04		12	1.57	Hollow core door	
Wall P 4	2.60	2.40		11	6.24	Cavity Panel 70mm gap	No Insulation

External Wall	Length	Height	Eaves	Orient	Area	Type	Abs	
						Insulation		
Wall E 5	2.90	2.40	0.60	15	5.04	Brick Veneer 0.50		
						Bulk Insulation R1.50		
Window	Width	Height	Eaves	Orient	Area	Name	Glass	Frame
						Opening	Covering	
						Shading		
Window(5, 1)	1.60	1.20	0.60	15	1.92	GGG-05-001a	Single Glazed Clear	Aluminium
						45% Opening Sliding, Two Lites	Holland Blind	
						No Shading		



Zone 9 Sleeping 3 Sleeping Area on Level 1

Air Movement	Screens	Seals	Chimney	Gas vent	Wall vents	Downlights	Ex Fans	Ceilin fans
	Yes	Yes	No	No	0	0	0	No

External Floor		Area	Covering	Type	
		10.84	Carpet+Rubber Underlay 18mm	Concrete Slab on Ground	
			Bulk Insulation in Contact with Floor	R0.50	

Ceiling		Slope	Area	Type	
		0	10.84	Plasterboard	
				Bulk Insulation	
				Above Ceiling	

Roof	Slope	Shape	Bulk Insulation R3.00 Unventilated roofspace cavity						
	26	Hip	Type	Solar Abs	Insulation				
			Corrugated Iron	0.30	Bulk, Reflective Side Down, Anti-glare Up R1.00				
Partition Wall	Length	Height	AdjZ	Area	Type				
Wall P 3	2.60	2.40	11	6.24	Cavity Panel 70mm gap	No Insulation			
Wall P 4	0.40	2.40	11	0.96	Cavity Panel 70mm gap	No Insulation			
Wall P 5	1.00	2.40	12	0.83	Cavity Panel 70mm gap	No Insulation			
Door Int	Width	Height	AdjZ	Area	Type				
Door I(5, 1)	0.77	2.04	12	1.57	Hollow core door				
Wall P 6	0.40	2.40	5	0.96	Cavity Panel 70mm gap	No Insulation			
External Wall	Length	Height	Eaves	Orient	Area	Type	Abs		
Wall E 1	3.60	2.40	0.60	285	6.72	Brick Veneer	0.50	Bulk Insulation R1.50	
Window	Width	Height	Eaves	Orient	Area	Name	Glass	Frame	
Window(1, 1)	1.60	1.20	0.60	285	1.92	GGG-05-001a	Single Glazed Clear	Aluminium	
							45% Opening Sliding, Two Lites	Holland Blind	No Shading
Wall E 2	2.90	2.40	0.60	15	6.96	Brick Veneer	0.50	Bulk Insulation R1.50	
Wall E 7	2.90	2.40	6.00	195	6.96	Brick Veneer	0.50	Bulk Insulation R1.50	

Zone10	Sleeping 4	Sleeping Area on Level 1							
Air Movement	Screens	Seals	Chimney	Gas vent	Wall vents	Downlights	Ex Fans	Ceilin fans	
	Yes	Yes	No	No	0	0	0	No	

External Floor	Area	Covering	Type	Insulation
	10.44	Carpet+Rubber Underlay 18mm	Concrete Slab on Ground	Bulk Insulation in Contact with Floor R0.50

Ceiling	Slope	Area	Type	Insulation
	0	10.44	Plasterboard	Bulk Insulation R3.00
				Unventilated roofspace cavity

Roof	Slope	Shape	Bulk Insulation R3.00 Unventilated roofspace cavity						
	26	Hip	Type	Solar Abs	Insulation				
			Corrugated Iron	0.30	Bulk, Reflective Side Down, Anti-glare Up R1.00				

Partition Wall	Length	Height	AdjZ	Area	Type				
Wall P 2	3.60	2.40	2	8.64	Cavity Panel 70mm gap	No Insulation			
Wall P 3	2.90	2.40	5	5.39	Cavity Panel 70mm gap	No Insulation			
Door Int	Width	Height	AdjZ	Area	Type				
Door I(3, 1)	0.77	2.04	5	1.57	Hollow core door				
Wall P 4	3.60	2.40	8	8.64	Cavity Panel 70mm gap	No Insulation			

External Wall	Length	Height	Eaves	Orient	Area	Type	Abs		
Wall E 1	2.90	2.40	0.60	15	5.04	Brick Veneer	0.50	Bulk Insulation R1.50	
Window	Width	Height	Eaves	Orient	Area	Name	Glass	Frame	
Window(1, 1)	1.60	1.20	0.60	15	1.92	GGG-05-001a	Single Glazed Clear	Aluminium	
							45% Opening Sliding, Two Lites	Holland Blind	No Shading



Zone11	Wet Area 2	Wet Area on Level 1							
Air Movement	Screens	Seals	Chimney	Gas vent	Wall vents	Downlights	Ex Fans	Ceilin fans	
	Yes	Yes	No	No	0	0	0	No	

External Floor	Area	Covering	Type	Insulation

Ceiling	Slope	0	7.54	Ceramic Tiles 8mm Concrete Slab on Ground Bulk Insulation in Contact with Floor R0.50				
			Area	Type Insulation Above Ceiling				
Roof	Slope	26	7.54	Plasterboard Bulk Insulation R3.00 Unventilated roofspace cavity				
			Shape	Type Solar Abs Insulation				
				Corrugated Iron 0.30 Bulk, Reflective Side Down, Anti-glare Up R1.00				
Partition Wall	Length	Height	AdjZ	Area	Type			
Wall P 2	2.60	2.40	8	6.24	Cavity Panel 70mm gap No Insulation			
Wall P 3	2.50	2.40	12	4.43	Cavity Panel 70mm gap No Insulation			
Door Int	Width	Height	AdjZ	Area	Type			
Door I(3, 1)	0.77	2.04	12	1.57	Hollow core door			
Wall P 4	0.40	2.40	9	0.96	Cavity Panel 70mm gap No Insulation			
Wall P 5	2.60	2.40	9	6.24	Cavity Panel 70mm gap No Insulation			
External Wall	Length	Height	Eaves	Orient	Area	Type	Abs	
Wall E 1	2.90	2.40	0.60	15	4.56	Brick Veneer 0.50 Bulk Insulation R1.50		
Window	Width	Height	Eaves	Orient	Area	Name	Glass	Frame
						Opening	Covering	Shading
Window(1, 1)	1.60	1.50	0.60	15	2.40	GGG-05-001a Single Glazed Clear Aluminium 45% Opening Sliding, Two Lites Holland Blind No Shading		

Zone12 Corridor 2 Corridor Area on Level 1

Air Movement	Screens	Seals	Chimney	Gas vent	Wall vents	Downlights	Ex Fans	Ceilin fans
	No	Yes	No	No	0	0	0	No

External Floor	Area	Covering	Type				
	2.50	Ceramic Tiles 8mm Concrete Slab on Ground Bulk Insulation in Contact with Floor R0.50					
Ceiling	Slope	0	2.50				
			Plasterboard Bulk Insulation R3.00 Unventilated roofspace cavity				
Roof	Slope	26	Shape				
			Hip Type Solar Abs Insulation Corrugated Iron 0.30 Bulk, Reflective Side Down, Anti-glare Up R1.00				
Partition Wall	Length	Height	AdjZ	Area	Type		
Wall P 1	2.50	2.40	5	3.41	Cavity Panel 70mm gap No Insulation		
Door Int	Width	Height	AdjZ	Area	Type		
Door I(1, 1)	1.20	2.15	5	2.59	Opening in wall		
Wall P 2	1.00	2.40	9	0.83	Cavity Panel 70mm gap No Insulation		
Door Int	Width	Height	AdjZ	Area	Type		
Door I(2, 1)	0.77	2.04	9	1.57	Hollow core door		
Wall P 3	2.50	2.40	11	4.43	Cavity Panel 70mm gap No Insulation		
Door Int	Width	Height	AdjZ	Area	Type		
Door I(3, 1)	0.77	2.04	11	1.57	Hollow core door		
Wall P 4	1.00	2.40	8	0.83	Cavity Panel 70mm gap No Insulation		
Door Int	Width	Height	AdjZ	Area	Type		
Door I(4, 1)	0.77	2.04	8	1.57	Hollow core door		
External Wall	Length	Height	Eaves	Orient	Area	Type	Abs
						Insulation	

