



Circuit Number	Room Name	Pipe length	Zone	Ctrs(mm)	Heated Area m ²	Room Temp. °C	Flow & Return Temp. °C	Tile 0.05m ² /K/W			Wood 0.10m ² /K/W			Carpet 0.13m ² /K/W			Manifold Size	12
								Output (W)	Flow Rate ltr/min	Surface Temp °C	Output (W)	Flow Rate ltr/min	Surface Temp °C	Output (W)	Flow Rate ltr/min	Surface Temp °C		
A1	Master Bed	72	1	150mm	10.3	20	50-40	1073	3.07	29.9	888	2.48	28.0	781	2.23	27.2	7150	
A2	Master Bed	77	1	150mm	11.1	20	50-40	1152	3.29	29.9	931	2.66	28.0	838	2.40	27.2	120.3	
A3	Bath	45	2	150mm	5.6	20	50-40	584	1.67	29.9	472	1.35	28.0	425	1.21	27.2	143.0	
A4	Bed 2	93	3	150mm	12.3	20	50-40	1279	3.65	29.9	1033	2.95	28.0	930	2.66	27.2	902.0	
A5	Shower	39	4	150mm	3.8	20	50-40	395	1.13	29.9	319	0.91	28.0	287	0.82	27.2		
A6	Bed 1	77	5	150mm	9.2	20	50-40	963	2.75	29.9	778	2.22	28.0	701	2.00	27.2		
A7	Hall	75	6	150mm	11.1	20	50-40	1152	3.29	29.9	931	2.66	28.0	838	2.40	27.2		
A8	Utility	46	7	150mm	5.2	20	50-40	537	1.53	29.9	434	1.24	28.0	391	1.12	27.2		
A9	Kitchen/Dining	97	8	150mm	13.2	20	50-40	1373	3.92	29.9	1110	3.17	28.0	999	2.85	27.2		
A10	Kitchen/Dining	98	8	150mm	13.3	20	50-40	1389	3.97	29.9	1123	3.21	28.0	1011	2.89	27.2		
A11	Lounge	89	8	150mm	12.3	20	50-40	1279	3.65	29.9	1033	2.95	28.0	930	2.66	27.2		
A12	Lounge	94	8	150mm	13.0	20	50-40	1357	3.88	29.9	1097	3.13	28.0	988	2.82	27.2		



PROJECT	
FLOOR Ground	
CUSTOMER	
PROJECT NUMBER --	
REVISION	
REV DATE DRWN	
SCALE 1:100 @ A3	DATE