Rad

Safety Factor :

10%

HEATING LOAD

	Basement					Grd Floor											FF		
ROOM NAME	Salon	WC	G.Bed + Bath	Room	Changing	Salon	Double Height	WC	Kitchen	Corridor	Bedroom 1	Bath 1	Bedroom 2	Bath 2	Bedroom 3	Bath 3	Entrance	M.Bed + Bath	TOTAL
ROOM TEMPERATURE	21.00	23.00	21.00	21.00	23.00	21.00	21.00	21.00	21.00	21.00	21.00	23.00	21.00	23.00	21.00	23.00	21.00	21.00	
EXTERNAL TEMPERATURE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
ROOM AREA (m2)	**141.00**	**4.50**	**22.00**	**18.50**	**22.00**	**91.00**	**39.00**	**3.00**	**25.00**	**11.00**	**18.50**	**4.00**	**18.50**	**4.00**	**23.00**	**5.00**	**42.00**	**74.00**	566.00
ROOM HEIGHT	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	
EXTERNAL WALL U-VALUE	2.79	2.79	2.79	2.79	2.79	2.79	2.79	2.79	2.79	2.79	2.79	2.79	2.79	2.79	[illegible]	2.79	2.79	2.79	
EXPOSED WALL LENGTH	15.00		4.00		8.00	15.00	8.50	8.50	3.00		4.50		4.50		[illegible]	4.30	19.00	38.00	
WINDOW1 - HEIGHT	3.00		2.00		3.00	3.00	3.00		2.00		2.00		2.00		2.00		3.00	3.00	
- WIDTH	8.00		2.40		1.40	15.00	8.50		1.40		2.40		2.40		2.40		19.00	11.00	
- U-VALUE	3.30		3.30		3.30	3.30	3.30		3.30		3.30		[illegible]		3.30		3.30	3.30	
WINDOW2 - HEIGHT	2.00																		
- WIDTH	2.40																		
- U-VALUE	3.30																		
WINDOW3 - HEIGHT																			
- WIDTH																			
- U-VALUE																			
WINDOW4 - HEIGHT																			
- WIDTH																			
- U-VALUE																			
U-VALUE OF CEILING	2.26	2.26	2.26	2.26	2.26	[illegible]	[illegible]	2.26	[illegible]	[illegible]	[illegible]	[illegible]	2.26	2.26	[illegible]	[illegible]	1.00	1.00	
- b-VALUE	0.35	0.35	0.35	0.35	0.35	[illegible]	0.35	0.35	[illegible]	0.35	[illegible]	[illegible]	0.35	0.35	[illegible]	0.35	1.00	1.00	
TEMPERATURE ABOVE	13.65	14.95	13.65	13.65	[illegible]	13.65	13.65	[illegible]	[illegible]	13.65	[illegible]	14.95	13.65	[illegible]	13.65	14.95	0.00	0.00	
U-VALUE OF FLOOR	2.25	2.25	2.25	[illegible]	[illegible]	1.72	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.72	[illegible]	[illegible]	1.72	1.72	1.72	1.72	
- b-VALUE	0.30	0.30	0.30	[illegible]	0.30	0.35	[illegible]	[illegible]	[illegible]	[illegible]	0.35	0.35	[illegible]	0.35	0.35	0.35	0.35	0.35	
TEMPERATURE BELOW	14.70	16.10	[illegible]	[illegible]	16.10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	13.65	[illegible]	13.65	14.95	13.65	14.95	13.65	13.65	
INTERNAL WALL1 - HEIGHT	3.20	3.20	[illegible]	3.20	3.20	[illegible]	[illegible]	[illegible]	[illegible]	3.20	[illegible]	[illegible]	[illegible]	[illegible]	3.20	3.20	3.20	[illegible]	
- LENGTH	6.00	[illegible]	[illegible]	2.00	4.00	[illegible]	[illegible]	[illegible]	7.00	10.00	[illegible]	[illegible]	[illegible]	[illegible]	1.20	1.35	4.60	[illegible]	
- U-VALUE	2.56	[illegible]	[illegible]	2.56	4.15	[illegible]	[illegible]	[illegible]	2.56	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2.56	2.17	2.56	[illegible]	
- b-VALUE	0.3	0.35	[illegible]	0.70	0.60	[illegible]	[illegible]	0.70	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.70	0.70	0.70	[illegible]	
REVERSE TEMPERATURE	13.65	14.95	21.00	6.30	9.20	[illegible]	21.00	6.30	[illegible]	8.40	21.00	23.00	21.00	23.00	6.30	6.90	6.30	21.00	
INTERNAL WALL2 - HEIGHT	3.20	3.20	[illegible]	3.20	[illegible]	[illegible]	[illegible]	[illegible]	3.20	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3.20	[illegible]	[illegible]	
- LENGTH	4.50	[illegible]	[illegible]	7.50	[illegible]	10.50	[illegible]	[illegible]	4.00	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.90	[illegible]	[illegible]	
- U-VALUE	2.56	[illegible]	[illegible]	4.15	[illegible]	4.15	[illegible]	4.15	4.15	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2.56	[illegible]	[illegible]	
- b-VALUE	0.70	[illegible]	[illegible]	0.60	[illegible]	[illegible]	[illegible]	0.60	0.60	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.70	[illegible]	[illegible]	
REVERSE TEMPERATURE	6.30	[illegible]	21.00	8.40	23.00	[illegible]	21.00	8.40	8.40	21.00	21.00	23.00	21.00	23.00	21.00	6.90	21.00	21.00	
INTERNAL WALL3 - HEIGHT	3.20	[illegible]	[illegible]	[illegible]	[illegible]	3.20	[illegible]	[illegible]	3.20	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
- LENGTH	17.00	[illegible]	[illegible]	[illegible]	[illegible]	0.60	[illegible]	[illegible]	1.20	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
- U-VALUE	4.15	[illegible]	[illegible]	[illegible]	[illegible]	2.56	[illegible]	[illegible]	2.56	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
- b-VALUE	0.60	0.60	[illegible]	[illegible]	[illegible]	0.70	[illegible]	[illegible]	0.70	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
REVERSE TEMPERATURE	8.40	9.20	[illegible]	21.00	23.00	6.30	21.00	21.00	6.30	21.00	21.00	23.00	21.00	23.00	21.00	23.00	21.00	21.00	
NUMBER OF AIR CHANGES	1.00	2.00	1.00	1.00	2.00	1.00	2.00	2.00	1.50	1.50	0.50	2.00	0.50	2.00	0.50	2.00	1.00	1.00	
TOTAL HEAT LOSS (W)	**15874**	**1253**	**2179**	**2737**	**4695**	**11447**	**5269**	**2541**	**3757**	**2609**	**1812**	**361**	**1812**	**361**	**3307**	**1719**	**7809**	**12824**	**82369**
W/m2	112.58	278.46	99.07	147.94	213.40	125.79	135.10	847.12	150.30	237.21	97.97	90.30	97.97	90.30	143.78	343.87	185.93	173.30	145.53
Radiator Size Type 22 (m)	9.05	0.71	1.24	1.56	2.68	6.53	3.00	1.45	2.14	1.49	1.03	0.21	1.03	0.21	1.89	0.98	4.45	7.31	46.96
Radiator Size Type 33 (m)	6.31	0.50	0.87	1.09	1.87	4.55	2.10	1.01	1.49	1.04	0.72	0.14	0.72	0.14	1.32	0.68	3.11	5.10	32.76

DRAFT

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