

Project Information

Project #: 1121
Name: 1121
Location: Gardnerville, NV

Notes:

Form J1 (Summer)									
1 Name of Room		1121 Oro Way				Entire House			
2 Running Feet of Exposed Wall						217			
3 Ceiling Height (Ft) and Gross Wall Area (SqFt)		8.0 - 11.0				3,062			
4 Room Dimensions (Ft) and Floor Plan Area (SqFt)						1,924			
5 Ceiling Slope (Deg.) and Gross Ceiling Area (SqFt)						1,924			
Type of Exposure	Construction Number	Panel Faces	HTM		Area or Length	Btuh			
			Htg.	Clg.		Heating	S-Clg.	L-Clg.	
6a Windows and Glass Doors	a	3Aw	S	34.98	19.55	12.00	420	235	
	b	3Aw	E	34.98	47.55	20.00	700	951	
	c	3Aw	S	34.98	19.55	20.00	700	391	
	d	3Aw	S	34.98	14.42	20.00	700	288	
	e	3Aw	W	34.98	47.55	46.00	1,609	2,187	
	f	3Aw	N	34.98		22.00	770		
	g	3Aw	N	34.98	14.42	20.00	700	288	
	h	3Aw	N	34.98	14.71	37.00	1,294	544	
	i	3Aw	S	32.33	14.42	20.00	647	288	
	j	3Aw	S	32.33	19.55	20.00	647	391	
	k	3Aw	S	34.98		12.00	420		
	l	3Aw	W	34.98		20.00	700		
	m	4A-1w	S	31.02	13.08	44.44	1,379	581	
6b Skylights	a								
7 Wood and Metal Doors	a	11J		4.80	176		846		
	b	11J		39.60	16.80	37.78	1,496	635	
	c	11J			40.00				
8 Above Grade Walls and Partitions	a	12B-0sw(Partition)		-0.42	427				
	b	12B-0sw(Partition)		-0.42	93.29				
	c	12B-0sw(Partition)	6.40	1.52	76.65	491	117		
	d	12B-0sw	6.40	2.53	1,402	8,910	2,638		
	e	12B-0sw(Partition)			107				
	f	12B-0sw(Partition)	6.40		64.68	414			
	g	12B-0sw(Partition)		-0.42	323				
9 Below Grade Walls	a								
10 Ceilings	a	17B-10al		4.88	2.66	1,567	7,561	3,369	
	b	18B-15al		4.55	2.00	357	1,626	715	
11 Floors	a	Sub-Floor Plates-r (leaky Crawl)		3.83	0.65	354	1,358	231	
	b	Sub-Floor Plates-r (leaky Crawl)		3.52	0.65	310	1,093	147	
	c	Sub-Floor Plates-r (leaky Crawl)		3.98	0.65	357	1,419	232	
	d	Sub-Floor Plates-r (leaky Crawl)		3.51	0.65	164	577	107	
	e	19x-8ocp (leaky Crawl)		2.19		89.42	196		
	f	Sub-Floor Plates-r (leaky Crawl)		3.48	0.65	275	957	179	
	g	Sub-Floor Plates-r (leaky Crawl)		4.01	0.65	245	982	159	
	h	Sub-Floor Plates-r (leaky Crawl)		3.64		128	467		
12 Infiltration	Heating Load (Btuh)		Effect ACH	0.298	WAR 1.0	5,066			
	Sensible Load (Btuh)					655			
	Latent Load (Btuh)								
13 Internal	a Occupants at 230 and 200 Btuh			2		460	400		
	b Scenario Number			Def		1,200			
	c Default Adjustments								
	d Custom Appliances								
	e Plants								
Other		User specified additional loads							
14 Subtotals	Sum lines 6 through 13					43,296	17,834	400	
15 Duct Loads	EHLF & ESGF								
	ELG								
16 Ventilation Loads	Vent Cfm	55	E Cfm	55		1,707	440		
17 Winter Humidification Load	Gal/Day	8.4				3,084			
18 Piping Load						132			
19 Blower Heat							1,706		
20 AED Excursion									
21 Total Load	Sum lines 13 through 19					48,220	19,980	400	

Some rooms have cooling loads that peak in October.

Warnings

The sensible load for some rooms peak during late fall or early winter. This behavior is caused by glass that faces South East, South or South West. Room temperature may be difficult to control if zoning is not provided.

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