

# Zone Checksums

By MATENO

## BATH 2BR

COOLING COIL PEAK					CLG SPACE PEAK			HEATING COIL PEAK				TEMPERATURES		
Peaked at Time:		Mo/Hr: 7 / 12			Mo/Hr: 7 / 12				Mo/Hr: Heating Design					
Outside Air:		OADB/WB/HR: 104 / 89 / 188			OADB: 104				OADB: 46					
Space Sens.	Plenum Sens.	Net Total	Percent Of Total	Space Sensible	Percent Of Total	Space Peak	Coil Peak	Percent	Space Sens	Tot Sens	Percent	SADB	Cooling	Heating
+ Lat.	+ Lat	Btu/h	(%)	Btu/h	(%)	Btu/h	Btu/h	Of Total	Btu/h	Btu/h	(%)	Plenum		
Btu/h	Btu/h											Return		
<b>Envelope Loads</b>														
Skylite Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Skylite Cond	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roof Cond	0	1,940	1,940	47	0	0	0	0	0	-639	76	0	0	0
Glass Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Glass Cond	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wall Cond	868	289	1,157	28	868	46	0	0	-441	-597	71	0	0	0
Partition	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Exposed Floor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Infiltration	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Sub Total ==&gt;</i>	868	2,229	3,097	75	868	46			-441	-1,236	148	0	0	0
<b>Internal Loads</b>														
Lights	410	102	512	12	410	22	0	0	0	0	0	0	0	0
People	500	0	500	12	250	13	0	0	0	0	0	0	0	0
Misc	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Sub Total ==&gt;</i>	910	102	1,012	25	660	35	0	0	0	0	0	0	0	0
<b>Ceiling Load</b>														
Ventilation Load	341	-341	0	0	341	18	-118	0	0	0	0	0	0	0
Dehumid. Ov Sizing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ov/Undr Sizing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Exhaust Heat	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sup. Fan Heat	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ret. Fan Heat	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Duct Heat Pkup	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reheat at Design	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grand Total ==&gt;</i>	2,118	1,991	4,109	100.00	1,868	100.00	-559	-837	100.00					

AIRFLOWS		
	Cooling	Heating
Vent	0	0
Infil	0	0
Supply	106	106
MinStop/Rh	0	0
Return	106	106
Exhaust	0	0
Rm Exh	0	0
Auxil	0	0

ENGINEERING CKS		
	Cooling	Heating
% OA	0.0	0.0
cfm/ft2	0.69	0.69
cfm/ton	308.93	
ft2/ton	446.50	
Btu/hr-ft2	26.88	-5.48
No. People	1	

COOLING COIL SELECTION										
	Total Capacity		Sens Cap.	Coil Airflow	Enter DB/WB/HR			Leave DB/WB/HR		
	ton	MBh			F	F	gr/lb	F	F	gr/lb
Main Clg	0.3	4.1	3.9	106	82.0	64.8	66.8	58.7	51.6	47.1
Aux Clg	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0
Opt Vent	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total</b>	0.3	4.1								

AREAS			
	Gross Total	Glass	
		ft2	(%)
Floor	153		
Part	0		
ExFlr	0		
Roof	153	0	0
Wall	216	0	0

HEATING COIL SELECTION				
	Capacity	Coil Airflow	Ent Lvg	
			MBh	F
Main Htg	-0.8	106	65.6	72.9
Aux Htg	0.0	0	0.0	0.0
Preheat	0.0	0	0.0	0.0
Humidif	0.0	0	0.0	0.0
Opt Vent	0.0	0	0.0	0.0
<b>Total</b>	-0.8			

# Zone Checksums

By MATENO

## BATHROOM 1BR

COOLING COIL PEAK					CLG SPACE PEAK			HEATING COIL PEAK				TEMPERATURES		
Peaked at Time:		Mo/Hr: 7 / 12			Mo/Hr: 7 / 12				Mo/Hr: Heating Design					
Outside Air:		OADB/WB/HR: 104 / 89 / 188			OADB: 104				OADB: 46					
Space Sens.	Plenum Sens.	Net Total	Percent Of Total	Space Sensible	Percent Of Total	Space Peak	Coil Peak	Percent	Space Sens	Tot Sens	Of Total	SADB	Cooling	Heating
Btu/h	Btu/h	Btu/h	(%)	Btu/h	(%)	Btu/h	Btu/h	(%)	Btu/h	Btu/h	(%)			
<b>Envelope Loads</b>														
Skylite Solar	0	0	0	0	0	0	0	0	0	0	0	0	59.0	71.5
Skylite Cond	0	0	0	0	0	0	0	0	0	0	0	0	79.6	66.4
Roof Cond	0	96	96	4	0	0	0	11	0	-68	11	0	79.6	66.4
Glass Solar	0	0	0	0	0	0	0	0	0	0	0	0	79.6	66.4
Glass Cond	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
Wall Cond	707	250	957	38	707	35	707	82	-377	-515	82	0	0.0	0.0
Partition	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
Exposed Floor	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
Infiltration	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
<i>Sub Total ==&gt;</i>	707	346	1,053	42	707	35	707	92	-377	-583	92	0	0.0	0.0
<b>Internal Loads</b>														
Lights	205	51	256	10	205	10	205	0	0	0	0	0	115	115
People	500	0	500	20	250	13	250	0	0	0	0	0	0	0
Misc	683	0	683	27	683	34	683	0	0	0	0	0	115	115
<i>Sub Total ==&gt;</i>	1,387	51	1,439	58	1,137	57	1,137	0	0	0	0	0	0	0
<b>Ceiling Load</b>														
Ventilation Load	153	-153	0	0	153	8	153	0	0	0	0	0	0	0
Dehumid. Ov Sizing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ov/Undr Sizing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Exhaust Heat	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sup. Fan Heat	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ret. Fan Heat	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Duct Heat Pkup	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reheat at Design	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grand Total ==&gt;</i>	2,247	244	2,491	100.00	1,997	100.00	1,997	8	-431	-632	100.00	0	0	0

AIRFLOWS		
	Cooling	Heating
Vent	0	0
Infil	0	0
Supply	115	115
MinStop/Rh	0	0
Return	115	115
Exhaust	0	0
Rm Exh	0	0
Auxil	0	0

ENGINEERING CKS		
	Cooling	Heating
% OA	0.0	0.0
cfm/ft2	1.33	1.33
cfm/ton	553.71	
ft2/ton	416.97	
Btu/hr-ft2	28.78	-7.30
No. People	1	

COOLING COIL SELECTION										
	Total Capacity		Sens Cap.	Coil Airflow	Enter DB/WB/HR			Leave DB/WB/HR		
	ton	MBh			F	F	gr/lb	F	F	gr/lb
Main Clg	0.2	2.5	2.2	115	79.6	64.0	66.8	59.0	56.6	66.8
Aux Clg	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0
Opt Vent	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total</b>	0.2	2.5								

AREAS			
	Gross Total	Glass	
		ft2	(%)
Floor	87		
Part	0		
ExFlr	0		
Roof	87	0	0
Wall	400	0	0

HEATING COIL SELECTION				
	Capacity	Coil Airflow	Ent Lvg	
			MBh	F
Main Htg	-0.6	115	66.4	71.5
Aux Htg	0.0	0	0.0	0.0
Preheat	0.0	0	0.0	0.0
Humidif	0.0	0	0.0	0.0
Opt Vent	0.0	0	0.0	0.0
<b>Total</b>	-0.6			

# Zone Checksums

By MATENO

## BEDROOM 1 2CC-A

COOLING COIL PEAK					CLG SPACE PEAK			HEATING COIL PEAK				TEMPERATURES		
Peaked at Time:		Mo/Hr: 8 / 12			Mo/Hr: 8 / 12		Mo/Hr: Heating Design				Cooling			Heating
Outside Air:		OADB/WB/HR: 101 / 88 / 192			OADB: 101		OADB: 46				SADB	61.2	70.6	
Space Sens.	Plenum Sens.	Net Total	Percent Of Total	Space Sensible	Percent Of Total	Space Peak	Coil Peak Tot	Percent Of Total	Space Sens	Coil Peak Tot	Percent Of Total	Plenum	Return	Ret/OA
Btu/h	Btu/h	Btu/h	(%)	Btu/h	(%)	Btu/h	Btu/h	(%)	Btu/h	Btu/h	(%)	Fn MtrTD	Fn BldTD	Fn Frict
<b>Envelope Loads</b>														
Skylite Solar	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
Skylite Cond	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
Roof Cond	0	2,452	2,452	20	0	0	-885	30	0	0	0	0.0	0.0	0.0
Glass Solar	4,287	0	4,287	34	4,287	47	0	0	0	0	0	0.0	0.0	0.0
Glass Cond	1,272	0	1,272	10	1,272	14	-1,059	36	0	-1,059	0	0.0	0.0	0.0
Wall Cond	1,406	753	2,159	17	1,406	15	-558	29	0	-860	0	0.0	0.0	0.0
Partition	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
Exposed Floor	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
Infiltration	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
<b>Sub Total ==&gt;</b>	<b>6,965</b>	<b>3,206</b>	<b>10,171</b>	<b>81</b>	<b>6,965</b>	<b>77</b>	<b>-1,618</b>	<b>94</b>	<b>-1,618</b>	<b>-2,804</b>	<b>94</b>			
<b>Internal Loads</b>														
Lights	273	68	341	3	273	3	0	0	0	0	0	0	0	0
People	1,000	0	1,000	8	500	6	0	0	0	0	0	0	0	0
Misc	1,000	0	1,000	8	1,000	11	0	0	0	0	0	0	0	0
<b>Sub Total ==&gt;</b>	<b>2,273</b>	<b>68</b>	<b>2,341</b>	<b>19</b>	<b>1,773</b>	<b>20</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>			
<b>Ceiling Load</b>														
Ventilation Load	334	-334	0	0	334	4	-122	0	0	0	0			
Dehumid. Ov Sizing	0	0	0	0	0	0	0	0	0	0	0			
Ov/Undr Sizing	0	0	0	0	0	0	0	0	0	0	0			
Exhaust Heat	0	0	0	0	0	0	0	0	0	0	0			
Sup. Fan Heat	0	0	0	0	0	0	0	0	0	0	0			
Ret. Fan Heat	0	0	0	0	0	0	0	0	0	0	0			
Duct Heat Pkup	0	0	0	0	0	0	0	0	0	0	0			
Reheat at Design	0	0	0	0	0	0	0	0	0	0	0			
<b>Grand Total ==&gt;</b>	<b>9,573</b>	<b>2,940</b>	<b>12,512</b>	<b>100.00</b>	<b>9,073</b>	<b>100.00</b>	<b>-1,739</b>	<b>6</b>	<b>-1,739</b>	<b>-2,969</b>	<b>100.00</b>			

AIRFLOWS		
	Cooling	Heating
Vent	0	0
Infil	0	0
Supply	608	608
MinStop/Rh	0	0
Return	608	608
Exhaust	0	0
Rm Exh	0	0
Auxil	0	0

ENGINEERING CKS		
	Cooling	Heating
% OA	0.0	0.0
cfm/ft2	2.95	2.95
cfm/ton	582.71	
ft2/ton	197.38	
Btu/hr-ft2	60.80	-14.43
No. People	2	

COOLING COIL SELECTION										
	Total Capacity		Sens Cap.	Coil Airflow	Enter DB/WB/HR			Leave DB/WB/HR		
	ton	MBh			F	F	gr/lb	F	F	gr/lb
Main Clg	1.0	12.5	12.0	608	80.1	64.2	66.8	61.2	57.4	66.6
Aux Clg	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0
Opt Vent	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total</b>	<b>1.0</b>	<b>12.5</b>								

AREAS			
	Gross Total	Glass	
		ft2	(%)
Floor	206		
Part	0		
ExFlr	0		
Roof	206	0	0
Wall	405	94	23

HEATING COIL SELECTION				
	Capacity	Coil Airflow	Ent	
			MBh	Lvg
		cfm	F	F
Main Htg	-3.0	608	66.1	70.6
Aux Htg	0.0	0	0.0	0.0
Preheat	0.0	0	0.0	0.0
Humidif	0.0	0	0.0	0.0
Opt Vent	0.0	0	0.0	0.0
<b>Total</b>	<b>-3.0</b>			

# Zone Checksums

By MATENO

## CHILDS ROOM 2BR

COOLING COIL PEAK					CLG SPACE PEAK			HEATING COIL PEAK				TEMPERATURES		
Peaked at Time:		Mo/Hr: 7 / 12			Mo/Hr: 7 / 12				Mo/Hr: Heating Design					
Outside Air:		OADB/WB/HR: 104 / 89 / 188			OADB: 104				OADB: 46					
Space Sens.	Plenum Sens.	Net Total	Percent Of Total	Space Sensible	Percent Of Total	Space Peak	Coil Peak Tot	Percent Of Total	Space Sens	Coil Peak Tot	Percent Of Total	SADB	Cooling	Heating
Btu/h	Btu/h	Btu/h	(%)	Btu/h	(%)	Btu/h	Btu/h	(%)	Btu/h	Btu/h	(%)			
<b>Envelope Loads</b>														
Skylite Solar	0	0	0	0	0	0	0	0	0	0	0	0	58.4	73.6
Skylite Cond	0	0	0	0	0	0	0	0	0	0	0	0	82.0	65.6
Roof Cond	0	1,729	1,729	30	0	0	0	0	0	-569	34	0	82.0	65.6
Glass Solar	724	0	724	13	724	21	0	0	0	0	0	0	82.0	65.6
Glass Cond	949	0	949	16	949	28	0	0	-706	-706	43	0	0.0	0.0
Wall Cond	682	345	1,027	18	682	20	0	0	-347	-533	32	0	0.0	0.0
Partition	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
Exposed Floor	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
Infiltration	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
<b>Sub Total ==&gt;</b>	<b>2,354</b>	<b>2,074</b>	<b>4,428</b>	<b>77</b>	<b>2,354</b>	<b>69</b>			<b>-1,053</b>	<b>-1,809</b>	<b>109</b>			
<b>Internal Loads</b>														
Lights	273	68	341	6	273	8	0	0	0	0	0	0	0	0
People	1,000	0	1,000	17	500	15	0	0	0	0	0	0	0	0
Misc	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Sub Total ==&gt;</b>	<b>1,273</b>	<b>68</b>	<b>1,341</b>	<b>23</b>	<b>773</b>	<b>23</b>			<b>0</b>	<b>0</b>	<b>0</b>			
<b>Ceiling Load</b>														
Ventilation Load	304	-304	0	0	304	9	0	0	-105	0	0	0	0	0
Dehumid. Ov Sizing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ov/Undr Sizing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Exhaust Heat	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sup. Fan Heat	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ret. Fan Heat	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Duct Heat Pkup	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reheat at Design	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Grand Total ==&gt;</b>	<b>3,931</b>	<b>1,839</b>	<b>5,769</b>	<b>100.00</b>	<b>3,431</b>	<b>100.00</b>			<b>-1,158</b>	<b>-1,658</b>	<b>100.00</b>			

AIRFLOWS		
	Cooling	Heating
Vent	0	0
Infil	0	0
Supply	190	190
MinStop/Rh	0	0
Return	190	190
Exhaust	0	0
Rm Exh	0	0
Auxil	0	0

ENGINEERING CKS		
	Cooling	Heating
% OA	0.0	0.0
cfm/ft2	1.40	1.40
cfm/ton	395.47	
ft2/ton	283.39	
Btu/hr-ft2	42.34	-12.17
No. People	2	

COOLING COIL SELECTION										
	Total Capacity		Sens Cap.	Coil Airflow	Enter DB/WB/HR			Leave DB/WB/HR		
	ton	MBh			F	F	gr/lb	F	F	gr/lb
Main Clg	0.5	5.8	5.3	190	82.0	64.8	66.8	58.4	54.7	59.9
Aux Clg	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0
Opt Vent	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total</b>	<b>0.5</b>	<b>5.8</b>								

AREAS			
	Gross Total	Glass	
		ft2	(%)
Floor	136		
Part	0		
ExFlr	0		
Roof	136	0	0
Wall	257	63	24

HEATING COIL SELECTION				
	Capacity	Coil Airflow	Ent	
			MBh	Lvg
		cfm	F	F
Main Htg	-1.7	190	65.6	73.6
Aux Htg	0.0	0	0.0	0.0
Preheat	0.0	0	0.0	0.0
Humidif	0.0	0	0.0	0.0
Opt Vent	0.0	0	0.0	0.0
<b>Total</b>	<b>-1.7</b>			

# Zone Checksums

By MATENO

## CHILDS ROOM 2CC-A

COOLING COIL PEAK					CLG SPACE PEAK			HEATING COIL PEAK				TEMPERATURES		
Peaked at Time:		Mo/Hr: 7 / 12			Mo/Hr: 7 / 12		Mo/Hr: Heating Design				Cooling			Heating
Outside Air:		OADB/WB/HR: 104 / 89 / 188			OADB: 104		OADB: 46				SADB	61.1	71.4	
Space Sens.	Plenum Sens.	Net Total	Percent Of Total	Space Sensible	Percent Of Total	Space Peak	Coil Peak	Percent	Space Sens	Tot Sens	Of Total	Plenum	Return	Ret/OA
Btu/h	Btu/h	Btu/h	(%)	Btu/h	(%)	Btu/h	Btu/h	(%)	Btu/h	Btu/h	(%)	Fn MtrTD	Fn BldTD	Fn Frict
<b>Envelope Loads</b>														
Skylite Solar	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
Skylite Cond	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
Roof Cond	0	2,357	2,357	20	0	0	-779	24	0	0	0	0.0	0.0	0.0
Glass Solar	3,277	0	3,277	28	3,277	39	0	0	0	0	0	0.0	0.0	0.0
Glass Cond	2,096	0	2,096	18	2,096	25	-1,554	49	-1,554	-1,554	49	0.0	0.0	0.0
Wall Cond	978	581	1,559	14	978	12	-405	20	-651	-651	20	0.0	0.0	0.0
Partition	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
Exposed Floor	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
Infiltration	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
<b>Sub Total ==&gt;</b>	<b>6,351</b>	<b>2,938</b>	<b>9,289</b>	<b>80</b>	<b>6,351</b>	<b>76</b>	<b>-1,960</b>	<b>94</b>	<b>-2,985</b>	<b>-2,985</b>	<b>94</b>			
<b>Internal Loads</b>														
Lights	205	51	256	2	205	2	0	0	0	0	0	0	0	0
People	1,000	0	1,000	9	500	6	0	0	0	0	0	0	0	0
Misc	1,000	0	1,000	9	1,000	12	0	0	0	0	0	0	0	0
<b>Sub Total ==&gt;</b>	<b>2,205</b>	<b>51</b>	<b>2,256</b>	<b>20</b>	<b>1,705</b>	<b>20</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>			
<b>Ceiling Load</b>														
Ventilation Load	318	-318	0	0	318	4	-107	0	0	0	0	0	0	0
Dehumid. Ov Sizing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ov/Undr Sizing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Exhaust Heat	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sup. Fan Heat	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ret. Fan Heat	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Duct Heat Pkup	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reheat at Design	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Grand Total ==&gt;</b>	<b>8,874</b>	<b>2,671</b>	<b>11,545</b>	<b>100.00</b>	<b>8,374</b>	<b>100.00</b>	<b>-2,067</b>	<b>-3,189</b>	<b>100.00</b>	<b>-3,189</b>	<b>100.00</b>			

AIRFLOWS		
	Cooling	Heating
Vent	0	0
Infil	0	0
Supply	555	555
MinStop/Rh	0	0
Return	555	555
Exhaust	0	0
Rm Exh	0	0
Auxil	0	0

ENGINEERING CKS		
	Cooling	Heating
% OA	0.0	0.0
cfm/ft2	3.06	3.06
cfm/ton	576.47	
ft2/ton	188.39	
Btu/hr-ft2	63.70	-17.59
No. People	2	

COOLING COIL SELECTION										
	Total Capacity		Sens Cap.	Coil Airflow	Enter DB/WB/HR			Leave DB/WB/HR		
	ton	MBh			F	F	gr/lb	F	F	gr/lb
Main Clg	1.0	11.6	11.1	555	80.5	64.3	66.8	61.1	57.4	66.8
Aux Clg	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0
Opt Vent	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total</b>	<b>1.0</b>	<b>11.6</b>								

AREAS			
	Gross Total	Glass	
		ft2	(%)
Floor	181		
Part	0		
ExFlr	0		
Roof	181	0	0
Wall	330	94	29

HEATING COIL SELECTION				
	Capacity	Coil Airflow	Ent	
			MBh	Lvg
	MBh	cfm	F	F
Main Htg	-3.2	555	66.1	71.4
Aux Htg	0.0	0	0.0	0.0
Preheat	0.0	0	0.0	0.0
Humidif	0.0	0	0.0	0.0
Opt Vent	0.0	0	0.0	0.0
<b>Total</b>	<b>-3.2</b>			

# Zone Checksums

By MATENO

## CORRIDOR 1 BR

COOLING COIL PEAK					CLG SPACE PEAK			HEATING COIL PEAK				TEMPERATURES		
Peaked at Time:		Mo/Hr: 7 / 12			Mo/Hr: 7 / 12		Mo/Hr: Heating Design				Cooling			Heating
Outside Air:		OADB/WB/HR: 104 / 89 / 188			OADB: 104		OADB: 46				SADB	55.0	74.3	
Space Sens.	Plenum Sens.	Net Total	Percent Of Total	Space Sensible	Percent Of Total	Space Peak Space Sens	Coil Peak Tot Sens	Percent Of Total	Space Sens	Coil Peak Tot Sens	Percent Of Total	Plenum	79.6	66.4
Btu/h	Btu/h	Btu/h	(%)	Btu/h	(%)	Btu/h	Btu/h	(%)	Btu/h	Btu/h	(%)	Return	79.6	66.4
<b>Envelope Loads</b>														
Skylite Solar	0	0	0	0	0	0	0	0	0	0	0	Fn MtrTD	0.0	0.0
Skylite Cond	0	0	0	0	0	0	0	0	0	0	0	Fn BldTD	0.0	0.0
Roof Cond	0	1,480	1,480	35	0	0	0	0	0	-488	55	Fn Frict	0.0	0.0
Glass Solar	0	0	0	0	0	0	0	0	0	0	0			
Glass Cond	0	0	0	0	0	0	0	0	0	0	0			
Wall Cond	1,898	703	2,602	61	1,898	85	0	0	-630	-863	98			
Partition	0	0	0	0	0	0	0	0	0	0	0			
Exposed Floor	0	0	0	0	0	0	0	0	0	0	0			
Infiltration	0	0	0	0	0	0	0	0	0	0	0			
<b>Sub Total ==&gt;</b>	<b>1,898</b>	<b>2,184</b>	<b>4,082</b>	<b>96</b>	<b>1,898</b>	<b>85</b>	<b>Sub Total ==&gt;</b>	<b>-630</b>	<b>-1,350</b>	<b>153</b>				
<b>Internal Loads</b>														
Lights	137	34	171	4	137	6	Lights	0	0	0	0			
People	0	0	0	0	0	0	People	0	0	0	0			
Misc	0	0	0	0	0	0	Misc	0	0	0	0			
<b>Sub Total ==&gt;</b>	<b>137</b>	<b>34</b>	<b>171</b>	<b>4</b>	<b>137</b>	<b>6</b>	<b>Sub Total ==&gt;</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>			
<b>Ceiling Load</b>														
Ventilation Load	198	-198	0	0	198	9	Ceiling Load	-70	0	0	0			
Dehumid. Ov Sizing	0	0	0	0	0	0	Ventilation Load	0	0	0	0			
Ov/Undr Sizing	0	0	0	0	0	0	Ov/Undr Sizing	0	0	0	0			
Exhaust Heat	0	0	0	0	0	0	Exhaust Heat	0	0	0	0			
Sup. Fan Heat	0	0	0	0	0	0	OA Preheat Diff.	0	0	0	0			
Ret. Fan Heat	0	0	0	0	0	0	RA Preheat Diff.	0	0	0	0			
Duct Heat Pkup	0	0	0	0	0	0	Additional Reheat	0	0	0	0			
Reheat at Design	0	0	0	0	0	0	System Plenum Heat	470	-53					
<b>Grand Total ==&gt;</b>	<b>2,233</b>	<b>2,019</b>	<b>4,253</b>	<b>100.00</b>	<b>2,233</b>	<b>100.00</b>	<b>Grand Total ==&gt;</b>	<b>-700</b>	<b>-880</b>	<b>100.00</b>				

AIRFLOWS		
	Cooling	Heating
Vent	0	0
Infil	0	0
Supply	103	103
MinStop/Rh	0	0
Return	103	103
Exhaust	0	0
Rm Exh	0	0
Auxil	0	0

ENGINEERING CKS		
	Cooling	Heating
% OA	0.0	0.0
cfm/ft2	0.92	0.92
cfm/ton	290.54	
ft2/ton	316.04	
Btu/hr-ft2	37.97	-7.86
No. People	0	

COOLING COIL SELECTION										
	Total Capacity		Sens Cap.	Coil Airflow	Enter DB/WB/HR			Leave DB/WB/HR		
	ton	MBh			F	F	gr/lb	F	F	gr/lb
Main Clg	0.4	4.3	4.3	103	79.6	61.0	52.9	55.0	45.5	31.4
Aux Clg	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0
Opt Vent	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total</b>	<b>0.4</b>	<b>4.3</b>								

AREAS			
	Gross Total	Glass	
		ft2	(%)
Floor	112		
Part	0		
ExFlr	0		
Roof	112	0	0
Wall	308	0	0

HEATING COIL SELECTION				
	Capacity	Coil Airflow	Ent F	Lvg F
Main Htg	-0.9	103	66.4	74.3
Aux Htg	0.0	0	0.0	0.0
Preheat	0.0	0	0.0	0.0
Humidif	0.0	0	0.0	0.0
Opt Vent	0.0	0	0.0	0.0
<b>Total</b>	<b>-0.9</b>			

# Zone Checksums

By MATENO

## CORRIDOR 2BR

COOLING COIL PEAK					CLG SPACE PEAK			HEATING COIL PEAK				TEMPERATURES		
Peaked at Time:		Mo/Hr: 7 / 12			Mo/Hr: 7 / 12		Mo/Hr: Heating Design				Cooling			Heating
Outside Air:		OADB/WB/HR: 104 / 89 / 188			OADB: 104		OADB: 46				SADB			74.8
Space Sens.	Plenum Sens.	Net Total	Percent Of Total	Space Sensible	Percent Of Total	Space Peak	Coil Peak Tot	Percent Of Total	Space Sens	Coil Peak Tot	Percent Of Total	Plenum	Return	Ret/OA
Btu/h	Btu/h	Btu/h	(%)	Btu/h	(%)	Btu/h	Btu/h	(%)	Btu/h	Btu/h	(%)	82.0	82.0	82.0
<b>Envelope Loads</b>														
Skylite Solar	0	0	0	0	0	0	0	0	0	0	0	82.0	82.0	82.0
Skylite Cond	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
Roof Cond	0	733	733	36	0	0	0	48	0	-241	48	0.0	0.0	0.0
Glass Solar	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
Glass Cond	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
Wall Cond	400	74	474	23	400	38	-329	79	0	-402	79	0.0	0.0	0.0
Partition	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
Exposed Floor	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
Infiltration	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
<b>Sub Total ==&gt;</b>	<b>400</b>	<b>806</b>	<b>1,207</b>	<b>59</b>	<b>400</b>	<b>38</b>	<b>-329</b>	<b>127</b>	<b>-643</b>	<b>127</b>	<b>127</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
<b>Internal Loads</b>														
Lights	273	68	341	17	273	26	0	0	0	0	0	0	0	0
People	500	0	500	24	250	24	0	0	0	0	0	0	0	0
Misc	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Sub Total ==&gt;</b>	<b>773</b>	<b>68</b>	<b>841</b>	<b>41</b>	<b>523</b>	<b>50</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Ceiling Load</b>														
Ventilation Load	129	-129	0	0	129	12	-44	0	0	0	0	0	0	0
Dehumid. Ov Sizing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ov/Undr Sizing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Exhaust Heat	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sup. Fan Heat	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ret. Fan Heat	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Duct Heat Pkup	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reheat at Design	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Grand Total ==&gt;</b>	<b>1,302</b>	<b>746</b>	<b>2,048</b>	<b>100.00</b>	<b>1,052</b>	<b>100.00</b>	<b>-373</b>	<b>-506</b>	<b>100.00</b>	<b>-373</b>	<b>-506</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>

AIRFLOWS		
	Cooling	Heating
Vent	0	0
Infil	0	0
Supply	50	50
MinStop/Rh	0	0
Return	50	50
Exhaust	0	0
Rm Exh	0	0
Auxil	0	0

ENGINEERING CKS		
	Cooling	Heating
% OA	0.0	0.0
cfm/ft2	0.87	0.87
cfm/ton	295.69	
ft2/ton	338.41	
Btu/hr-ft2	35.46	-8.76
No. People	1	

COOLING COIL SELECTION										
	Total Capacity		Sens Cap.	Coil Airflow	Enter DB/WB/HR			Leave DB/WB/HR		
	ton	MBh			F	F	gr/lb	F	F	gr/lb
Main Clg	0.2	2.1	1.8	50	82.0	64.8	66.8	55.8	50.9	49.1
Aux Clg	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0
Opt Vent	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total</b>	<b>0.2</b>	<b>2.1</b>								

AREAS			
	Gross Total	Glass	
		ft2	(%)
Floor	58		
Part	0		
ExFlr	0		
Roof	58	0	0
Wall	440	0	0

HEATING COIL SELECTION					
	Capacity	Coil Airflow	Ent		
			MBh	Coil Airflow	Ent
		cfm	F	F	F
Main Htg	-0.5	50	65.6	74.8	
Aux Htg	0.0	0	0.0	0.0	
Preheat	0.0	0	0.0	0.0	
Humidif	0.0	0	0.0	0.0	
Opt Vent	0.0	0	0.0	0.0	
<b>Total</b>	<b>-0.5</b>				

# Zone Checksums

By MATENO

## CORRIDOR 2CC-A

COOLING COIL PEAK					CLG SPACE PEAK			HEATING COIL PEAK				TEMPERATURES		
Peaked at Time:		Mo/Hr: 7 / 12			Mo/Hr: 7 / 12				Mo/Hr: Heating Design					
Outside Air:		OADB/WB/HR: 104 / 89 / 188			OADB: 104				OADB: 46					
Space Sens.	Plenum Sens.	Net Total	Percent Of Total	Space Sensible	Percent Of Total	Space Peak	Coil Peak	Percent	Space Sens	Tot Sens	Of Total	SADB	Cooling	Heating
Btu/h	Btu/h	Btu/h	(%)	Btu/h	(%)	Btu/h	Btu/h	(%)	Btu/h	Btu/h	(%)			
<b>Envelope Loads</b>														
Skylite Solar	0	0	0	0	0	0	0	0	0	0	0	0	55.0	73.1
Skylite Cond	0	0	0	0	0	0	0	0	0	0	0	0	80.5	66.1
Roof Cond	0	1,466	1,466	81	0	0	0	0	0	-485	300	0	80.5	66.1
Glass Solar	0	0	0	0	0	0	0	0	0	0	0	0	80.5	66.1
Glass Cond	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
Wall Cond	64	20	84	5	64	14	0	0	-51	-70	43	0	0.0	0.0
Partition	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
Exposed Floor	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
Infiltration	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
<b>Sub Total ==&gt;</b>	<b>64</b>	<b>1,486</b>	<b>1,550</b>	<b>86</b>	<b>64</b>	<b>14</b>	<b>64</b>	<b>14</b>	<b>-51</b>	<b>-555</b>	<b>343</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
<b>Internal Loads</b>														
Lights	205	51	256	14	205	44	0	0	0	0	0	0	0	0
People	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Misc	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Sub Total ==&gt;</b>	<b>205</b>	<b>51</b>	<b>256</b>	<b>14</b>	<b>205</b>	<b>44</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Ceiling Load</b>														
Ventilation Load	198	-198	0	0	198	42	0	0	-67	0	0	0	0	0
Dehumid. Ov Sizing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ov/Undr Sizing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Exhaust Heat	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sup. Fan Heat	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ret. Fan Heat	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Duct Heat Pkup	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reheat at Design	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Grand Total ==&gt;</b>	<b>467</b>	<b>1,340</b>	<b>1,806</b>	<b>100.00</b>	<b>467</b>	<b>100.00</b>	<b>467</b>	<b>100.00</b>	<b>-118</b>	<b>-162</b>	<b>100.00</b>			

AIRFLOWS		
	Cooling	Heating
Vent	0	0
Infil	0	0
Supply	22	22
MinStop/Rh	0	0
Return	22	22
Exhaust	0	0
Rm Exh	0	0
Auxil	0	0

ENGINEERING CKS		
	Cooling	Heating
% OA	0.0	0.0
cfm/ft2	0.19	0.19
cfm/ton	142.92	
ft2/ton	748.74	
Btu/hr-ft2	16.03	-1.43
No. People	0	

COOLING COIL SELECTION										
	Total Capacity		Sens Cap.	Coil Airflow	Enter DB/WB/HR			Leave DB/WB/HR		
	ton	MBh			F	F	gr/lb	F	F	gr/lb
Main Clg	0.2	1.8	1.8	22	80.5	61.4	52.9	55.0	38.7	10.0
Aux Clg	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0
Opt Vent	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total</b>	<b>0.2</b>	<b>1.8</b>								

AREAS			
	Gross Total	Glass	
		ft2	(%)
Floor	113		
Part	0		
ExFlr	0		
Roof	113	0	0
Wall	77	0	0

HEATING COIL SELECTION				
	Capacity	Coil Airflow	Ent F	Lvg F
Main Htg	-0.2	22	66.1	73.1
Aux Htg	0.0	0	0.0	0.0
Preheat	0.0	0	0.0	0.0
Humidif	0.0	0	0.0	0.0
Opt Vent	0.0	0	0.0	0.0
<b>Total</b>	<b>-0.2</b>			

# Zone Checksums

By MATENO

## GENERAL BATH 2BR

COOLING COIL PEAK					CLG SPACE PEAK			HEATING COIL PEAK				TEMPERATURES		
Peaked at Time:		Mo/Hr: 7 / 12			Mo/Hr: 7 / 12				Mo/Hr: Heating Design					
Outside Air:		OADB/WB/HR: 104 / 89 / 188			OADB: 104				OADB: 46					
Space Sens.	Plenum Sens.	Net Total	Percent Of Total	Space Sensible	Percent Of Total	Space Peak Space Sens	Coil Peak Tot Sens	Percent Of Total						
Btu/h	Btu/h	Btu/h	(%)	Btu/h	(%)	Btu/h	Btu/h	(%)						
<b>Envelope Loads</b>														
Skylite Solar	0	0	0	0	0	0	0	0	0	0	0	0		
Skylite Cond	0	0	0	0	0	0	0	0	0	0	0	0		
Roof Cond	0	1,140	1,140	39	0	0	0	0	0	-376	56	0		
Glass Solar	0	0	0	0	0	0	0	0	0	0	0	0		
Glass Cond	0	0	0	0	0	0	0	0	0	0	0	0		
Wall Cond	748	246	994	34	748	53	0	0	0	-407	-552	82		
Partition	0	0	0	0	0	0	0	0	0	0	0	0		
Exposed Floor	0	0	0	0	0	0	0	0	0	0	0	0		
Infiltration	0	0	0	0	0	0	0	0	0	0	0	0		
<b>Sub Total ==&gt;</b>	<b>748</b>	<b>1,386</b>	<b>2,134</b>	<b>74</b>	<b>748</b>	<b>53</b>	<b>-407</b>	<b>-927</b>	<b>138</b>					
<b>Internal Loads</b>														
Lights	205	51	256	9	205	15	0	0	0	0	0	0		
People	500	0	500	17	250	18	0	0	0	0	0	0		
Misc	0	0	0	0	0	0	0	0	0	0	0	0		
<b>Sub Total ==&gt;</b>	<b>705</b>	<b>51</b>	<b>756</b>	<b>26</b>	<b>455</b>	<b>32</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>		
<b>Ceiling Load</b>														
Ventilation Load	200	-200	0	0	200	14	-69	0	0	0	0	0		
Dehumid. Ov Sizing	0	0	0	0	0	0	0	0	0	0	0	0		
Ov/Undr Sizing	0	0	0	0	0	0	0	0	0	0	0	0		
Exhaust Heat	0	0	0	0	0	0	0	0	0	0	0	0		
Sup. Fan Heat	0	0	0	0	0	0	0	0	0	0	0	0		
Ret. Fan Heat	0	0	0	0	0	0	0	0	0	0	0	0		
Duct Heat Pkup	0	0	0	0	0	0	0	0	0	0	0	0		
Reheat at Design	0	0	0	0	0	0	0	0	0	0	0	0		
<b>Grand Total ==&gt;</b>	<b>1,653</b>	<b>1,237</b>	<b>2,890</b>	<b>100.00</b>	<b>1,403</b>	<b>100.00</b>	<b>-477</b>	<b>-671</b>	<b>100.00</b>					

AIRFLOWS		
	Cooling	Heating
Vent	0	0
Infil	0	0
Supply	74	74
MinStop/Rh	0	0
Return	74	74
Exhaust	0	0
Rm Exh	0	0
Auxil	0	0

ENGINEERING CKS		
	Cooling	Heating
% OA	0.0	0.0
cfm/ft2	0.82	0.82
cfm/ton	305.78	
ft2/ton	373.21	
Btu/hr-ft2	32.15	-7.46
No. People	1	

COOLING COIL SELECTION										
	Total Capacity		Sens Cap.	Coil Airflow	Enter DB/WB/HR			Leave DB/WB/HR		
	ton	MBh			F	F	gr/lb	F	F	gr/lb
Main Clg	0.2	2.9	2.6	74	82.0	64.8	66.8	57.4	51.4	48.5
Aux Clg	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0
Opt Vent	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total</b>	<b>0.2</b>	<b>2.9</b>								

AREAS			
	Gross Total	Glass	
		ft2	(%)
Floor	90		
Part	0		
ExFlr	0		
Roof	90	0	0
Wall	199	0	0

HEATING COIL SELECTION				
	Capacity	Coil Airflow	Ent	
			MBh	Lvg
		cfm	F	F
Main Htg	-0.7	74	65.6	74.0
Aux Htg	0.0	0	0.0	0.0
Preheat	0.0	0	0.0	0.0
Humidif	0.0	0	0.0	0.0
Opt Vent	0.0	0	0.0	0.0
<b>Total</b>	<b>-0.7</b>			

# Zone Checksums

By MATENO

## GENERAL BATH 2CC-A

COOLING COIL PEAK					CLG SPACE PEAK			HEATING COIL PEAK				TEMPERATURES			
Peaked at Time:		Mo/Hr: 7 / 12			Mo/Hr: 7 / 12		Mo/Hr: Heating Design				Cooling			Heating	
Outside Air:		OADB/WB/HR: 104 / 89 / 188			OADB: 104		OADB: 46				SADB	54.4	75.7		
Space Sens. + Lat.	Plenum Sens. + Lat.	Net Total	Percent Of Total (%)	Space Sensible	Percent Of Total (%)	Space Peak Space Sens	Coil Peak Tot Sens	Percent Of Total (%)	Space Sens	Coil Peak Tot Sens	Percent Of Total (%)	Plenum	80.5	66.1	
Btu/h	Btu/h	Btu/h		Btu/h		Btu/h	Btu/h		Btu/h	Btu/h		Return	80.5	66.1	
<b>Envelope Loads</b>															
Skylite Solar	0	0	0	0	0	0	0	0	Skylite Solar	0	0	0	Fn MtrTD	0.0	0.0
Skylite Cond	0	0	0	0	0	0	0	0	Skylite Cond	0	0	0	Fn BldTD	0.0	0.0
Roof Cond	0	189	189	4	0	0	0	0	Roof Cond	0	-58	4	Fn Frict	0.0	0.0
Glass Solar	0	0	0	0	0	0	0	0	Glass Solar	0	0	0			
Glass Cond	0	0	0	0	0	0	0	0	Glass Cond	0	0	0			
Wall Cond	0	0	0	0	0	0	0	0	Wall Cond	0	0	0			
Partition	955		955	22	955	37			Partition	-854	-854	60			
Exposed Floor	0		0	0	0	0	0	0	Exposed Floor	0	0	0			
Infiltration	437		437	10	122	5			Infiltration	-91	-91	6			
<i>Sub Total ==&gt;</i>	<i>1,393</i>	<i>189</i>	<i>1,582</i>	<i>36</i>	<i>1,077</i>	<i>41</i>			<i>Sub Total ==&gt;</i>	<i>-945</i>	<i>-1,003</i>	<i>71</i>			
<b>Internal Loads</b>															
Lights	205	51	256	6	205	8			Lights	0	0	0			
People	500		500	11	250	10			People	0	0	0			
Misc	1,000	0	1,000	23	1,000	39			Misc	0	0	0			
<i>Sub Total ==&gt;</i>	<i>1,705</i>	<i>51</i>	<i>1,756</i>	<i>40</i>	<i>1,455</i>	<i>56</i>			<i>Sub Total ==&gt;</i>	<i>0</i>	<i>0</i>	<i>0</i>			
<b>Ceiling Load</b>															
Ceiling Load	64	-64	0	0	64	2			Ceiling Load	-22	0	0			
Ventilation Load	0	0	1,145	26	0	0			Ventilation Load	0	-239	17			
Dehumid. Ov Sizing			0	0					Ov/Undr Sizing	0	0	0			
Ov/Undr Sizing	0		0	0	0	0			Exhaust Heat		28	-2			
Exhaust Heat		-83	-83	-2					OA Preheat Diff.		0	0			
Sup. Fan Heat			0	0					RA Preheat Diff.		0	0			
Ret. Fan Heat		0	0	0					Additional Reheat		0	0			
Duct Heat Pkup		0	0	0					System Plenum Heat		-206	15			
Reheat at Design			0	0											
<i>Grand Total ==&gt;</i>	<i>3,161</i>	<i>94</i>	<i>4,400</i>	<i>100.00</i>	<i>2,596</i>	<i>100.00</i>			<i>Grand Total ==&gt;</i>	<i>-966</i>	<i>-1,420</i>	<i>100.00</i>			

AIRFLOWS		
	Cooling	Heating
Vent	10	10
Infil	4	4
Supply	116	116
MinStop/Rh	0	0
Return	120	120
Exhaust	14	14
Rm Exh	0	0
Auxil	0	0

ENGINEERING CKS		
	Cooling	Heating
% OA	8.6	8.6
cfm/ft2	3.19	3.19
cfm/ton	317.02	
ft2/ton	99.26	
Btu/hr-ft2	120.89	-50.16
No. People	1	

COOLING COIL SELECTION										
	Total Capacity		Sens Cap. MBh	Coil Airflow cfm	Enter DB/WB/HR			Leave DB/WB/HR		
	ton	MBh			F	F	gr/lb	F	F	gr/lb
Main Clg	0.4	4.4	3.0	116	82.6	67.0	77.2	54.4	54.4	66.7
Aux Clg	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0
Opt Vent	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total</b>	<b>0.4</b>	<b>4.4</b>								

AREAS			
	Gross Total	Glass	
		ft2	(%)
Floor	36		
Part	100		
ExFlr	0		
Roof	36	0	0
Wall	0	0	0

HEATING COIL SELECTION				
	Capacity MBh	Coil Airflow cfm	Ent Lvg	
			F	F
Main Htg	-1.4	116	64.4	75.7
Aux Htg	0.0	0	0.0	0.0
Preheat	0.0	0	0.0	0.0
Humidif	-0.4	14	9.4	52.5
Opt Vent	0.0	0	0.0	0.0
<b>Total</b>	<b>-1.8</b>			

# Zone Checksums

By MATENO

## KITCHEN 1BR

COOLING COIL PEAK					CLG SPACE PEAK			HEATING COIL PEAK				TEMPERATURES			
Peaked at Time:		Mo/Hr: 7 / 12			Mo/Hr: 7 / 12				Mo/Hr: Heating Design						
Outside Air:		OADB/WB/HR: 104 / 89 / 188			OADB: 104				OADB: 46						
Space Sens.	Plenum Sens.	Net Total	Percent Of Total	Space Sensible	Percent Of Total	Space Peak Space Sens	Coil Peak Tot Sens	Percent Of Total							
Btu/h	Btu/h	Btu/h	(%)	Btu/h	(%)	Btu/h	Btu/h	(%)							
<b>Envelope Loads</b>					<b>Envelope Loads</b>			<b>Envelope Loads</b>				<b>AIRFLOWS</b>			
Skylite Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Skylite Cond	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roof Cond	0	829	829	11	0	0	0	24	-273	0	0	0	0	0	0
Glass Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Glass Cond	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wall Cond	455	154	608	8	455	7	41	0	-332	-454	0	0	0	0	0
Partition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Exposed Floor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Infiltration	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Sub Total ==&gt;</i>	455	982	1,437	20	455	7	65	<i>Sub Total ==&gt;</i>	-332	-727	65	<b>VENT</b>	<b>COOLING</b>	<b>HEATING</b>	
<b>Internal Loads</b>					<b>Internal Loads</b>			<b>Internal Loads</b>				<b>ENGINEERING CKS</b>			
Lights	205	51	256	4	205	3	0	0	0	0	0	0	0	0	0
People	500	0	500	7	250	4	0	0	0	0	0	0	0	0	0
Misc	5,100	0	5,100	70	5,100	83	0	0	0	0	0	0	0	0	0
<i>Sub Total ==&gt;</i>	5,805	51	5,856	80	5,555	91	0	0	0	0	0	0	0	0	0
<b>Ceiling Load</b>	111	-111	0	0	111	2	0	0	0	0	0	0	0	0	0
<b>Ventilation Load</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Dehumid. Ov Sizing</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Ov/Undr Sizing</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Exhaust Heat</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Sup. Fan Heat</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Ret. Fan Heat</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Duct Heat Pkup</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Reheat at Design</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Grand Total ==&gt;</b>	6,371	923	7,293	100.00	6,121	100.00	<b>Grand Total ==&gt;</b>	-371	-1,118	100.00	<b>% OA</b>	<b>COOLING</b>	<b>HEATING</b>		

COOLING COIL SELECTION										AREAS			HEATING COIL SELECTION			
Total Capacity	Sens Cap.	Coil Airflow	Enter DB/WB/HR			Leave DB/WB/HR			Gross Total	Glass	Capacity	Coil Airflow	Ent	Lvg		
ton	MBh	cfm	F	F	gr/lb	F	F	gr/lb	ft2	(%)	MBh	cfm	F	F		
<b>Main Clg</b>	0.6	7.3	7.0	428	79.6	64.0	66.8	61.8	57.7	66.8	<b>Floor</b>	63				
<b>Aux Clg</b>	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	<b>Part</b>	0				
<b>Opt Vent</b>	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	<b>ExFlr</b>	0				
<b>Total</b>	0.6	7.3									<b>Roof</b>	63	0	0		
											<b>Wall</b>	367	0	0		
											<b>Main Htg</b>	-1.1	428	66.4	68.8	
											<b>Aux Htg</b>	0.0	0	0.0	0.0	
											<b>Preheat</b>	0.0	0	0.0	0.0	
											<b>Humidif</b>	0.0	0	0.0	0.0	
											<b>Opt Vent</b>	0.0	0	0.0	0.0	
											<b>Total</b>	-1.1				

# Zone Checksums

By MATENO

## KITCHEN 2BR

COOLING COIL PEAK					CLG SPACE PEAK			HEATING COIL PEAK				TEMPERATURES		
Peaked at Time:		Mo/Hr: 7 / 12			Mo/Hr: 7 / 12				Mo/Hr: Heating Design					
Outside Air:		OADB/WB/HR: 104 / 89 / 188			OADB: 104				OADB: 46					
Space Sens.	Plenum Sens.	Net Total	Percent Of Total	Space Sensible	Percent Of Total	Space Peak	Coil Peak	Percent	Space Sens	Tot Sens	Percent	SADB	Cooling	Heating
+ Lat.	+ Lat	Btu/h	(%)	Btu/h	(%)	Space Sens	Tot Sens	Of Total	Btu/h	Btu/h	(%)	Plenum		
Btu/h	Btu/h											Return		
<b>Envelope Loads</b>														
Skylite Solar	0	0	0	0	0	0	0	0	0	0	0	0	61.9	68.7
Skylite Cond	0	0	0	0	0	0	0	0	0	0	0	0	82.0	65.6
Roof Cond	0	1,455	1,455	18	0	0	0	0	0	-479	32	0	82.0	65.6
Glass Solar	0	0	0	0	0	0	0	0	0	0	0	0	82.0	65.6
Glass Cond	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
Wall Cond	518	173	691	9	518	8	0	0	-263	-357	23	0	0.0	0.0
Partition	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
Exposed Floor	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
Infiltration	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
<i>Sub Total ==&gt;</i>	518	1,627	2,146	27	518	8	0	0	-263	-836	55	0	0.0	0.0
<b>Internal Loads</b>														
Lights	205	51	256	3	205	3	0	0	0	0	0	0	444	444
People	500	0	500	6	250	4	0	0	0	0	0	0	0	0
Misc	5,100	0	5,100	64	5,100	81	0	0	0	0	0	0	444	444
<i>Sub Total ==&gt;</i>	5,805	51	5,856	73	5,555	88	0	0	0	0	0	0	0	0
<b>Ceiling Load</b>														
Ventilation Load	255	-255	0	0	255	4	-88	0	0	0	0	0	0	0
Dehumid. Ov Sizing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ov/Undr Sizing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Exhaust Heat	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sup. Fan Heat	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ret. Fan Heat	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Duct Heat Pkup	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reheat at Design	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grand Total ==&gt;</i>	6,578	1,423	8,001	100.00	6,328	100.00	-352	-1,521	100.00					

AIRFLOWS		
	Cooling	Heating
Vent	0	0
Infil	0	0
Supply	444	444
MinStop/Rh	0	0
Return	444	444
Exhaust	0	0
Rm Exh	0	0
Auxil	0	0

ENGINEERING CKS		
	Cooling	Heating
% OA	0.0	0.0
cfm/ft2	3.87	3.87
cfm/ton	666.00	
ft2/ton	171.96	
Btu/hr-ft2	69.78	-13.26
No. People	1	

COOLING COIL SELECTION										
	Total Capacity		Sens Cap.	Coil Airflow	Enter DB/WB/HR			Leave DB/WB/HR		
	ton	MBh			F	F	gr/lb	F	F	gr/lb
Main Clg	0.7	8.0	7.8	444	82.0	64.8	66.8	61.9	57.7	66.8
Aux Clg	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0
Opt Vent	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total</b>	0.7	8.0								

AREAS			
	Gross Total	Glass	
		ft2	(%)
Floor	115		
Part	0		
ExFlr	0		
Roof	115	0	0
Wall	129	0	0

HEATING COIL SELECTION				
	Capacity	Coil Airflow	Ent	
			MBh	Lvg
	MBh	cfm	F	F
Main Htg	-1.5	444	65.6	68.7
Aux Htg	0.0	0	0.0	0.0
Preheat	0.0	0	0.0	0.0
Humidif	0.0	0	0.0	0.0
Opt Vent	0.0	0	0.0	0.0
<b>Total</b>	-1.5			

# Zone Checksums

By MATENO

## KITCHEN 2CC-A

COOLING COIL PEAK					CLG SPACE PEAK			HEATING COIL PEAK				TEMPERATURES		
Peaked at Time:		Mo/Hr: 7 / 12			Mo/Hr: 7 / 12				Mo/Hr: Heating Design					
Outside Air:		OADB/WB/HR: 104 / 89 / 188			OADB: 104				OADB: 46					
Space Sens.	Plenum Sens.	Net Total	Percent Of Total	Space Sensible	Percent Of Total	Space Peak Space Sens	Coil Peak Tot Sens	Percent Of Total						
Btu/h	Btu/h	Btu/h	(%)	Btu/h	(%)	Btu/h	Btu/h	(%)						
<b>Envelope Loads</b>														
Skylite Solar	0	0	0	0	0	0	0	0						
Skylite Cond	0	0	0	0	0	0	0	0						
Roof Cond	0	2,587	2,587	28	0	0	0	66						
Glass Solar	0	0	0	0	0	0	0	0						
Glass Cond	0	0	0	0	0	0	0	0						
Wall Cond	518	180	698	8	518	8	-263	28						
Partition	0	0	0	0	0	0	0	0						
Exposed Floor	0	0	0	0	0	0	0	0						
Infiltration	0	0	0	0	0	0	0	0						
<i>Sub Total ==&gt;</i>	518	2,767	3,285	36	518	8	-263	94						
<b>Internal Loads</b>														
Lights	205	51	256	3	205	3	0	0						
People	500		500	5	250	4	0	0						
Misc	5,100	0	5,100	56	5,100	79	0	0						
<i>Sub Total ==&gt;</i>	5,805	51	5,856	64	5,555	86	0	0						
<b>Ceiling Load</b>														
Ventilation Load	349	-349	0	0	349	5	-118	0						
Dehumid. Ov Sizing	0	0	0	0	0	0	0	0						
Ov/Undr Sizing	0	0	0	0	0	0	0	0						
Exhaust Heat		0	0	0			0	0						
Sup. Fan Heat			0	0			0	0						
Ret. Fan Heat		0	0	0			0	0						
Duct Heat Pkup		0	0	0			0	0						
Reheat at Design			0	0			0	6						
<b>Grand Total ==&gt;</b>	6,672	2,469	9,141	100.00	6,422	100.00	-381	100.00						

AIRFLOWS		
	Cooling	Heating
Vent	0	0
Infil	0	0
Supply	452	452
MinStop/Rh	0	0
Return	452	452
Exhaust	0	0
Rm Exh	0	0
Auxil	0	0

ENGINEERING CKS		
	Cooling	Heating
% OA	0.0	0.0
cfm/ft2	2.27	2.27
cfm/ton	593.71	
ft2/ton	261.11	
Btu/hr-ft2	45.96	-6.52
No. People	1	

COOLING COIL SELECTION										
	Total Capacity		Sens Cap.	Coil Airflow	Enter DB/WB/HR			Leave DB/WB/HR		
	ton	MBh			F	F	gr/lb	F	F	gr/lb
Main Clg	0.8	9.1	8.9	452	80.5	64.3	66.8	61.9	57.7	66.7
Aux Clg	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0
Opt Vent	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total</b>	0.8	9.1								

AREAS			
	Gross Total	Glass	
		ft2	(%)
Floor	199		
Part	0		
ExFlr	0		
Roof	199	0	0
Wall	129	0	0

HEATING COIL SELECTION				
	Capacity	Coil Airflow	Ent Lvg	
			F	F
Main Htg	-1.3	452	66.1	68.8
Aux Htg	0.0	0	0.0	0.0
Preheat	0.0	0	0.0	0.0
Humidif	0.0	0	0.0	0.0
Opt Vent	0.0	0	0.0	0.0
<b>Total</b>	-1.3			

# Zone Checksums

By MATENO

## LIVING ROOM 1 BR

COOLING COIL PEAK					CLG SPACE PEAK			HEATING COIL PEAK				TEMPERATURES		
Peaked at Time:		Mo/Hr: 8 / 12			Mo/Hr: 8 / 12				Mo/Hr: Heating Design					
Outside Air:		OADB/WB/HR: 101 / 88 / 192			OADB: 101				OADB: 46					
Space Sens.	Plenum Sens.	Net Total	Percent Of Total	Space Sensible	Percent Of Total	Space Peak	Coil Peak Tot	Percent Of Total	Space Sens	Coil Peak Tot	Percent Of Total	SADB	Cooling	Heating
+ Lat.	+ Lat	Btu/h	(%)	Btu/h	(%)	Btu/h	Btu/h	(%)	Btu/h	Btu/h	(%)	Plenum		
Btu/h	Btu/h											Return		
												Ret/OA		
												Fn MtrTD		
												Fn BldTD		
												Fn Frict		
<b>Envelope Loads</b>														
Skylite Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Skylite Cond	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roof Cond	0	3,078	3,078	18	0	0	0	0	0	-1,106	27	0	0	0
Glass Solar	7,415	0	7,415	42	7,415	55	0	0	0	0	0	0	0	0
Glass Cond	2,200	0	2,200	13	2,200	16	0	0	-1,832	-1,832	44	0	0	0
Wall Cond	1,111	782	1,893	11	1,111	8	0	0	-499	-855	21	0	0	0
Partition	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Exposed Floor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Infiltration	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Sub Total ==&gt;</b>	<b>10,726</b>	<b>3,860</b>	<b>14,586</b>	<b>84</b>	<b>10,726</b>	<b>80</b>			<b>-2,331</b>	<b>-3,794</b>	<b>92</b>			
<b>Internal Loads</b>														
Lights	546	137	683	4	546	4	0	0	0	0	0	0	0	0
People	1,000	0	1,000	6	500	4	0	0	0	0	0	0	0	0
Misc	1,195	0	1,195	7	1,195	9	0	0	0	0	0	0	0	0
<b>Sub Total ==&gt;</b>	<b>2,741</b>	<b>137</b>	<b>2,877</b>	<b>16</b>	<b>2,241</b>	<b>17</b>			<b>0</b>	<b>0</b>	<b>0</b>			
<b>Ceiling Load</b>														
Ceiling Load	416	-416	0	0	416	3	0	0	-159	0	0	0	0	0
Ventilation Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dehumid. Ov Sizing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ov/Undr Sizing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Exhaust Heat	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sup. Fan Heat	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ret. Fan Heat	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Duct Heat Pkup	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reheat at Design	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Grand Total ==&gt;</b>	<b>13,883</b>	<b>3,580</b>	<b>17,463</b>	<b>100.00</b>	<b>13,383</b>	<b>100.00</b>			<b>-2,490</b>	<b>-4,144</b>	<b>100.00</b>			

AIRFLOWS		
	Cooling	Heating
Vent	0	0
Infil	0	0
Supply	947	947
MinStop/Rh	0	0
Return	947	947
Exhaust	0	0
Rm Exh	0	0
Auxil	0	0

ENGINEERING CKS		
	Cooling	Heating
% OA	0.0	0.0
cfm/ft2	3.73	3.73
cfm/ton	650.62	
ft2/ton	174.61	
Btu/hr-ft2	68.72	-16.31
No. People	2	

COOLING COIL SELECTION										
	Total Capacity		Sens Cap.	Coil Airflow	Enter DB/WB/HR			Leave DB/WB/HR		
	ton	MBh			F	F	gr/lb	F	F	gr/lb
Main Clg	1.5	17.5	17.0	947	79.2	63.9	66.8	62.0	57.8	66.8
Aux Clg	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0
Opt Vent	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total</b>	<b>1.5</b>	<b>17.5</b>								

AREAS			
	Gross Total	Glass	
		ft2	(%)
Floor	254		
Part	0		
ExFlr	0		
Roof	254	0	0
Wall	472	163	35

HEATING COIL SELECTION				
	Capacity	Coil Airflow	Ent	
			F	Lvg
Main Htg	-4.1	947	66.4	70.4
Aux Htg	0.0	0	0.0	0.0
Preheat	0.0	0	0.0	0.0
Humidif	0.0	0	0.0	0.0
Opt Vent	0.0	0	0.0	0.0
<b>Total</b>	<b>-4.1</b>			

# Zone Checksums

By MATENO

## LIVING ROOM 2BR

COOLING COIL PEAK					CLG SPACE PEAK			HEATING COIL PEAK				TEMPERATURES			
Peaked at Time:		Mo/Hr: 7 / 12			Mo/Hr: 7 / 12		Mo/Hr: Heating Design				Cooling			Heating	
Outside Air:		OADB/WB/HR: 104 / 89 / 188			OADB: 104		OADB: 46				SADB	59.9	72.9		
Space	Plenum	Net	Percent	Space	Percent	Space Peak	Coil Peak	Percent	Space Peak	Coil Peak	Percent	Plenum	82.0	65.6	
Sens. + Lat.	Sens. + Lat.	Total	Of Total	Sensible	Of Total	Space Sens	Tot Sens	Of Total	Space Sens	Tot Sens	Of Total	Return	82.0	65.6	
Btu/h	Btu/h	Btu/h	(%)	Btu/h	(%)	Btu/h	Btu/h	(%)	Btu/h	Btu/h	(%)	Ret/OA	82.0	65.6	
<b>Envelope Loads</b>															
Skylite Solar	0	0	0	0	0	0	0	0	Skylite Solar	0	0	0	Fn MtrTD	0.0	0.0
Skylite Cond	0	0	0	0	0	0	0	0	Skylite Cond	0	0	0	Fn BldTD	0.0	0.0
Roof Cond	0	2,973	2,973	33	0	0	0	39	Roof Cond	0	-979	39	Fn Frict	0.0	0.0
Glass Solar	1,204	0	1,204	13	1,204	23	0	0	Glass Solar	0	0	0			
Glass Cond	1,470	0	1,470	16	1,470	28	0	43	Glass Cond	-1,095	-1,095	43			
Wall Cond	1,264	743	2,007	22	1,264	24	0	27	Wall Cond	-425	-675	27			
Partition	0	0	0	0	0	0	0	0	Partition	0	0	0			
Exposed Floor	0	0	0	0	0	0	0	0	Exposed Floor	0	0	0			
Infiltration	0	0	0	0	0	0	0	0	Infiltration	0	0	0			
<i>Sub Total ==&gt;</i>	3,938	3,716	7,655	85	3,938	75			<i>Sub Total ==&gt;</i>	-1,520	-2,749	108			
<b>Internal Loads</b>															
Lights	273	68	341	4	273	5			Lights	0	0	0			
People	1,000	0	1,000	11	500	10			People	0	0	0			
Misc	0	0	0	0	0	0			Misc	0	0	0			
<i>Sub Total ==&gt;</i>	1,273	68	1,341	15	773	15			<i>Sub Total ==&gt;</i>	0	0	0			
<b>Ceiling Load</b>															
Ceiling Load	522	-522	0	0	522	10			Ceiling Load	-180	0	0			
Ventilation Load	0	0	0	0	0	0			Ventilation Load	0	0	0			
Dehumid. Ov Sizing	0	0	0	0	0	0			Ov/Undr Sizing	0	0	0			
Ov/Undr Sizing	0	0	0	0	0	0			Exhaust Heat	0	0	0			
Exhaust Heat	0	0	0	0	0	0			OA Preheat Diff.	0	0	0			
Sup. Fan Heat	0	0	0	0	0	0			RA Preheat Diff.	0	0	0			
Ret. Fan Heat	0	0	0	0	0	0			Additional Reheat	0	0	0			
Duct Heat Pkup	0	0	0	0	0	0			System Plenum Heat	208	-8				
Reheat at Design	0	0	0	0	0	0									
<b>Grand Total ==&gt;</b>	5,733	3,263	8,996	100.00	5,233	100.00			<b>Grand Total ==&gt;</b>	-1,700	-2,540	100.00			

AIRFLOWS		
	Cooling	Heating
Vent	0	0
Infil	0	0
Supply	319	319
MinStop/Rh	0	0
Return	319	319
Exhaust	0	0
Rm Exh	0	0
Auxil	0	0

ENGINEERING CKS		
	Cooling	Heating
% OA	0.0	0.0
cfm/ft2	1.36	1.36
cfm/ton	425.57	
ft2/ton	312.62	
Btu/hr-ft2	38.39	-10.84
No. People	2	

COOLING COIL SELECTION										
	Total Capacity		Sens Cap.	Coil Airflow	Enter DB/WB/HR			Leave DB/WB/HR		
	ton	MBh			F	F	gr/lb	F	F	gr/lb
Main Clg	0.8	9.0	8.5	319	82.0	64.8	66.8	59.9	55.5	60.7
Aux Clg	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0
Opt Vent	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total</b>	0.8	9.0								

AREAS			
	Gross Total	Glass	
		ft2	(%)
Floor	234		
Part	0		
ExFlr	0		
Roof	234	0	0
Wall	344	98	28

HEATING COIL SELECTION				
	Capacity	Coil Airflow	Ent	
			MBh	Lvg
	MBh	cfm	F	F
Main Htg	-2.5	319	65.6	72.9
Aux Htg	0.0	0	0.0	0.0
Preheat	0.0	0	0.0	0.0
Humidif	0.0	0	0.0	0.0
Opt Vent	0.0	0	0.0	0.0
<b>Total</b>	-2.5			

# Zone Checksums

By MATENO

## LIVING ROOM 2CC-A

COOLING COIL PEAK					CLG SPACE PEAK			HEATING COIL PEAK				TEMPERATURES		
Peaked at Time:		Mo/Hr: 7 / 12			Mo/Hr: 7 / 12		Mo/Hr: Heating Design				Cooling			Heating
Outside Air:		OADB/WB/HR: 104 / 89 / 188			OADB: 104		OADB: 46				SADB	59.6	71.9	
Space Sens.	Plenum Sens.	Net Total	Percent Of Total	Space Sensible	Percent Of Total	Space Peak	Coil Peak	Percent	Space Sens	Tot Sens	Of Total	Plenum	Return	Ret/OA
Btu/h	Btu/h	Btu/h	(%)	Btu/h	(%)	Btu/h	Btu/h	(%)	Btu/h	Btu/h	(%)	Fn MtrTD	Fn BldTD	Fn Frict
<b>Envelope Loads</b>														
Skylite Solar	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
Skylite Cond	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
Roof Cond	0	4,780	4,780	32	0	0	0	44	0	-1,580	44	0.0	0.0	0.0
Glass Solar	4,523	0	4,523	30	4,523	47	0	0	0	0	0	0.0	0.0	0.0
Glass Cond	2,964	0	2,964	20	2,964	31	0	62	-2,207	-2,207	62	0.0	0.0	0.0
Wall Cond	0	168	168	1	0	0	0	3	0	-90	3	0.0	0.0	0.0
Partition	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
Exposed Floor	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
Infiltration	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
<b>Sub Total ==&gt;</b>	<b>7,487</b>	<b>4,948</b>	<b>12,435</b>	<b>83</b>	<b>7,487</b>	<b>78</b>	<b>7,487</b>	<b>108</b>	<b>-2,207</b>	<b>-3,877</b>	<b>108</b>			
<b>Internal Loads</b>														
Lights	410	102	512	3	410	4	0	0	0	0	0	0	0	0
People	2,000	0	2,000	13	1,000	10	0	0	0	0	0	0	0	0
Misc	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Sub Total ==&gt;</b>	<b>2,410</b>	<b>102</b>	<b>2,512</b>	<b>17</b>	<b>1,410</b>	<b>15</b>	<b>1,410</b>	<b>15</b>	<b>0</b>	<b>0</b>	<b>0</b>			
<b>Ceiling Load</b>														
Ventilation Load	645	-645	0	0	645	7	-217	0	0	0	0	0	0	0
Dehumid. Ov Sizing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ov/Undr Sizing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Exhaust Heat	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sup. Fan Heat	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ret. Fan Heat	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Duct Heat Pkup	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reheat at Design	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Grand Total ==&gt;</b>	<b>10,541</b>	<b>4,406</b>	<b>14,947</b>	<b>100.00</b>	<b>9,541</b>	<b>100.00</b>	<b>-2,424</b>	<b>-3,576</b>	<b>100.00</b>					

AIRFLOWS		
	Cooling	Heating
Vent	0	0
Infil	0	0
Supply	569	569
MinStop/Rh	0	0
Return	569	569
Exhaust	0	0
Rm Exh	0	0
Auxil	0	0

ENGINEERING CKS		
	Cooling	Heating
% OA	0.0	0.0
cfm/ft2	1.55	1.55
cfm/ton	457.05	
ft2/ton	295.04	
Btu/hr-ft2	40.67	-9.73
No. People	4	

COOLING COIL SELECTION										
	Total Capacity		Sens Cap.	Coil Airflow	Enter DB/WB/HR			Leave DB/WB/HR		
	ton	MBh			F	F	gr/lb	F	F	gr/lb
Main Clg	1.3	15.0	14.0	569	80.5	64.3	66.8	59.6	55.6	61.7
Aux Clg	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0
Opt Vent	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total</b>	<b>1.3</b>	<b>15.0</b>								

AREAS			
	Gross Total	Glass	
		ft2	(%)
Floor	368		
Part	0		
ExFlr	0		
Roof	368	0	0
Wall	231	197	85

HEATING COIL SELECTION				
	Capacity	Coil Airflow	Ent	Lvg
Main Htg	-3.6	569	66.1	71.9
Aux Htg	0.0	0	0.0	0.0
Preheat	0.0	0	0.0	0.0
Humidif	0.0	0	0.0	0.0
Opt Vent	0.0	0	0.0	0.0
<b>Total</b>	<b>-3.6</b>			

# Zone Checksums

By MATENO

## MAIN BATH 2CC-A

COOLING COIL PEAK					CLG SPACE PEAK			HEATING COIL PEAK				TEMPERATURES		
Peaked at Time:		Mo/Hr: 7 / 12			Mo/Hr: 7 / 12		Mo/Hr: Heating Design				Cooling			Heating
Outside Air:		OADB/WB/HR: 104 / 89 / 188			OADB: 104		OADB: 46				SADB	55.0	73.0	
Space Sens.	Plenum Sens.	Net Total	Percent Of Total	Space Sensible	Percent Of Total	Space Peak	Coil Peak	Percent	Space Sens	Tot Sens	Of Total	Plenum	Return	Ret/OA
Btu/h	Btu/h	Btu/h	(%)	Btu/h	(%)	Btu/h	Btu/h	(%)	Btu/h	Btu/h	(%)	Fn MtrTD	Fn BldTD	Fn Frict
<b>Envelope Loads</b>														
Skylite Solar	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
Skylite Cond	0	0	0	0	0	0	0	0	0	0	0	80.5	66.1	66.1
Roof Cond	0	1,389	1,389	30	0	0	0	0	0	-459	68	80.5	66.1	62.8
Glass Solar	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
Glass Cond	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
Wall Cond	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
Partition	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
Exposed Floor	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
Infiltration	1,072	0	1,072	23	357	27	-267	40	-267	-267	108	0.0	0.0	0.0
<b>Sub Total ==&gt;</b>	<b>1,072</b>	<b>1,389</b>	<b>2,461</b>	<b>53</b>	<b>357</b>	<b>27</b>	<b>-267</b>	<b>-727</b>	<b>108</b>					
<b>Internal Loads</b>														
Lights	273	68	341	7	273	21	0	0	0	0	0	0	0	0
People	1,000	0	1,000	22	500	38	0	0	0	0	0	0	0	0
Misc	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Sub Total ==&gt;</b>	<b>1,273</b>	<b>68</b>	<b>1,341</b>	<b>29</b>	<b>773</b>	<b>59</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Ceiling Load</b>														
Ventilation Load	187	-187	0	0	187	14	-63	0	0	0	0	0	0	0
Dehumid. Ov Sizing	0	0	957	21	0	0	0	-239	36	0	0	0	0	0
Ov/Undr Sizing	0	0	0	0	0	0	0	0	0	43	-6	0	0	0
Exhaust Heat	0	-127	-127	-3	0	0	0	0	0	0	0	0	0	0
Sup. Fan Heat	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ret. Fan Heat	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Duct Heat Pkup	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reheat at Design	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Grand Total ==&gt;</b>	<b>2,533</b>	<b>1,143</b>	<b>4,632</b>	<b>100.00</b>	<b>1,317</b>	<b>100.00</b>	<b>-331</b>	<b>-672</b>	<b>100.00</b>					

AIRFLOWS		
	Cooling	Heating
Vent	10	10
Infil	11	11
Supply	61	61
MinStop/Rh	0	0
Return	72	72
Exhaust	21	21
Rm Exh	0	0
Auxil	0	0

ENGINEERING CKS		
	Cooling	Heating
% OA	16.5	16.5
cfm/ft2	0.57	0.57
cfm/ton	157.35	
ft2/ton	276.69	
Btu/hr-ft2	43.37	-12.13
No. People	2	

COOLING COIL SELECTION										
	Total Capacity		Sens Cap.	Coil Airflow	Enter DB/WB/HR			Leave DB/WB/HR		
	ton	MBh			F	F	gr/lb	F	F	gr/lb
Main Clg	0.4	4.6	2.8	61	84.5	73.4	109.8	55.0	49.7	45.9
Aux Clg	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0
Opt Vent	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total</b>	<b>0.4</b>	<b>4.6</b>								

AREAS			
	Gross Total	Glass	
		ft2	(%)
Floor	107		
Part	0		
ExFlr	0		
Roof	107	0	0
Wall	0	0	0

HEATING COIL SELECTION				
	Capacity	Coil Airflow	Ent	
			MBh	Lvg
		cfm	F	F
Main Htg	-0.7	61	62.8	73.0
Aux Htg	0.0	0	0.0	0.0
Preheat	0.0	0	0.0	0.0
Humidif	-0.6	21	9.4	52.5
Opt Vent	0.0	0	0.0	0.0
<b>Total</b>	<b>-1.3</b>			

# Zone Checksums

By MATENO

## MAIN BEDROOM 2CC-4

COOLING COIL PEAK					CLG SPACE PEAK			HEATING COIL PEAK				TEMPERATURES		
Peaked at Time:		Mo/Hr: 7 / 12			Mo/Hr: 7 / 12		Mo/Hr: Heating Design				Cooling			Heating
Outside Air:		OADB/WB/HR: 104 / 89 / 188			OADB: 104		OADB: 46				SADB	61.3	71.8	
Space Sens.	Plenum Sens.	Net Total	Percent Of Total	Space Sensible	Percent Of Total	Space Peak	Coil Peak	Percent	Space Sens	Tot Sens	Of Total	Plenum	Return	Ret/OA
Btu/h	Btu/h	Btu/h	(%)	Btu/h	(%)	Btu/h	Btu/h	(%)	Btu/h	Btu/h	(%)	Fn MtrTD	Fn BldTD	Fn Frict
<b>Envelope Loads</b>														
Skylite Solar	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
Skylite Cond	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
Roof Cond	0	2,683	2,683	21	0	0	-887	23	0	0	0	0.0	0.0	0.0
Glass Solar	3,771	0	3,771	30	3,771	40	0	0	0	0	0	0.0	0.0	0.0
Glass Cond	2,885	0	2,885	23	2,885	30	-2,135	55	-2,135	-2,135	93	0.0	0.0	0.0
Wall Cond	668	402	1,070	8	668	7	-371	16	-609	-609	0	0.0	0.0	0.0
Partition	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
Exposed Floor	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
Infiltration	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
<b>Sub Total ==&gt;</b>	<b>7,324</b>	<b>3,085</b>	<b>10,409</b>	<b>82</b>	<b>7,324</b>	<b>77</b>	<b>-2,506</b>	<b>93</b>	<b>-3,630</b>	<b>-3,630</b>	<b>93</b>			
<b>Internal Loads</b>														
Lights	273	68	341	3	273	3	0	0	0	0	0	0	0	0
People	1,000	0	1,000	8	500	5	0	0	0	0	0	0	0	0
Misc	1,000	0	1,000	8	1,000	11	0	0	0	0	0	0	0	0
<b>Sub Total ==&gt;</b>	<b>2,273</b>	<b>68</b>	<b>2,341</b>	<b>18</b>	<b>1,773</b>	<b>19</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>			
<b>Ceiling Load</b>														
Ventilation Load	362	-362	0	0	362	4	-122	0	0	0	0			
Dehumid. Ov Sizing	0	0	0	0	0	0	0	0	0	0	0			
Ov/Undr Sizing	0	0	0	0	0	0	0	0	0	0	0			
Exhaust Heat	0	0	0	0	0	0	0	0	0	0	0			
Sup. Fan Heat	0	0	0	0	0	0	0	0	0	0	0			
Ret. Fan Heat	0	0	0	0	0	0	0	0	0	0	0			
Duct Heat Pkup	0	0	0	0	0	0	0	0	0	0	0			
Reheat at Design	0	0	0	0	0	0	0	0	0	0	0			
<b>Grand Total ==&gt;</b>	<b>9,959</b>	<b>2,791</b>	<b>12,750</b>	<b>100.00</b>	<b>9,459</b>	<b>100.00</b>	<b>-2,628</b>	<b>-3,917</b>	<b>100.00</b>	<b>-3,917</b>	<b>100.00</b>			

AIRFLOWS		
	Cooling	Heating
Vent	0	0
Infil	0	0
Supply	637	637
MinStop/Rh	0	0
Return	637	637
Exhaust	0	0
Rm Exh	0	0
Auxil	0	0

ENGINEERING CKS		
	Cooling	Heating
% OA	0.0	0.0
cfm/ft2	3.09	3.09
cfm/ton	599.28	
ft2/ton	194.11	
Btu/hr-ft2	61.82	-18.99
No. People	2	

COOLING COIL SELECTION										
	Total Capacity		Sens Cap.	Coil Airflow	Enter DB/WB/HR			Leave DB/WB/HR		
	ton	MBh			F	F	gr/lb	F	F	gr/lb
Main Clg	1.1	12.8	12.3	637	80.5	64.3	66.8	61.3	57.5	66.8
Aux Clg	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0
Opt Vent	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total</b>	<b>1.1</b>	<b>12.8</b>								

AREAS			
	Gross Total	Glass	
		ft2	(%)
Floor	206		
Part	0		
ExFlr	0		
Roof	206	0	0
Wall	319	98	31

HEATING COIL SELECTION				
	Capacity	Coil Airflow	Ent	
			MBh	Lvg
		cfm	F	F
Main Htg	-3.9	637	66.1	71.8
Aux Htg	0.0	0	0.0	0.0
Preheat	0.0	0	0.0	0.0
Humidif	0.0	0	0.0	0.0
Opt Vent	0.0	0	0.0	0.0
<b>Total</b>	<b>-3.9</b>			

# Zone Checksums

By MATENO

## MAIN ROOM 1BR

COOLING COIL PEAK					CLG SPACE PEAK			HEATING COIL PEAK				TEMPERATURES		
Peaked at Time:		Mo/Hr: 7 / 12			Mo/Hr: 7 / 12				Mo/Hr: Heating Design					
Outside Air:		OADB/WB/HR: 104 / 89 / 188			OADB: 104				OADB: 46					
Space Sens. + Lat.	Plenum Sens. + Lat.	Net Total	Percent Of Total (%)	Space Sensible	Percent Of Total (%)	Space Peak	Coil Peak Tot	Percent Of Total (%)						
Btu/h	Btu/h	Btu/h		Btu/h		Space Sens	Btu/h							
<b>Envelope Loads</b>					<b>Envelope Loads</b>									
Skylite Solar	0	0	0	0	0	0	0	0						
Skylite Cond	0	0	0	0	0	0	0	0						
Roof Cond	0	2,123	2,123	29	0	0	0	-699	142					
Glass Solar	1,085	0	1,085	15	1,085	23	0	0	0					
Glass Cond	711	0	711	10	711	15	0	-530	108					
Wall Cond	786	363	1,149	16	786	17	0	-434	131					
Partition	0	0	0	0	0	0	0	0	0					
Exposed Floor	0	0	0	0	0	0	0	0	0					
Infiltration	0	0	0	0	0	0	0	0	0					
<i>Sub Total ==&gt;</i>	2,583	2,486	5,069	68	2,583	55	0	-964	-1,873	381				
<b>Internal Loads</b>					<b>Internal Loads</b>									
Lights	341	0	341	5	341	7	0	0	0					
People	1,000	0	1,000	13	500	11	0	0	0					
Misc	1,000	0	1,000	13	1,000	21	1,500	1,500	-305					
<i>Sub Total ==&gt;</i>	2,341	0	2,341	32	1,841	39	1,500	1,500	-305					
<b>Ceiling Load</b>	284	-284	0	0	284	6	-101	0	0					
<b>Ventilation Load</b>	0	0	0	0	0	0	0	0	0					
<b>Dehumid. Ov Sizing</b>			0	0			-438	-438	89					
<b>Ov/Undr Sizing</b>	0		0	0	0	0	0	0	0					
<b>Exhaust Heat</b>		0	0	0			0	0	0					
<b>Sup. Fan Heat</b>			0	0			0	0	0					
<b>Ret. Fan Heat</b>		0	0	0			0	0	0					
<b>Duct Heat Pkup</b>		0	0	0			0	0	0					
<b>Reheat at Design</b>			0	0			320	-65						
<b>Grand Total ==&gt;</b>	5,208	2,202	7,410	100.00	4,708	100.00	-3	-492	100.00					

AIRFLOWS		
	Cooling	Heating
Vent	0	0
Infil	0	0
Supply	280	280
MinStop/Rh	0	0
Return	280	280
Exhaust	0	0
Rm Exh	0	0
Auxil	0	0

ENGINEERING CKS		
	Cooling	Heating
% OA	0.0	0.0
cfm/ft2	1.74	1.74
cfm/ton	453.55	
ft2/ton	260.12	
Btu/hr-ft2	46.13	-3.06
No. People	2	

COOLING COIL SELECTION										
	Total Capacity		Sens Cap. MBh	Coil Airflow cfm	Enter DB/WB/HR			Leave DB/WB/HR		
	ton	MBh			F	F	gr/lb	F	F	gr/lb
Main Clg	0.6	7.4	6.9	280	79.6	64.0	66.8	59.5	55.2	59.9
Aux Clg	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0
Opt Vent	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total</b>	0.6	7.4								

AREAS			
	Gross Total	Glass	
		ft2	(%)
Floor	161		
Part	0		
ExFlr	0		
Roof	161	0	0
Wall	278	47	17

HEATING COIL SELECTION				
	Capacity MBh	Coil Airflow cfm	Ent Lvg	
			F	F
Main Htg	-0.5	280	66.4	68.0
Aux Htg	0.0	0	0.0	0.0
Preheat	0.0	0	0.0	0.0
Humidif	0.0	0	0.0	0.0
Opt Vent	0.0	0	0.0	0.0
<b>Total</b>	-0.5			

# Zone Checksums

By MATENO

## MAIN ROOM 2BR

COOLING COIL PEAK					CLG SPACE PEAK			HEATING COIL PEAK				TEMPERATURES		
Peaked at Time:		Mo/Hr: 7 / 12			Mo/Hr: 7 / 12				Mo/Hr: Heating Design					
Outside Air:		OADB/WB/HR: 104 / 89 / 188			OADB: 104				OADB: 46					
Space Sens.	Plenum Sens.	Net Total	Percent Of Total	Space Sensible	Percent Of Total	Space Peak	Coil Peak Tot	Percent Of Total	Space Sens	Coil Peak Tot	Percent Of Total	SADB	Cooling	Heating
Btu/h	Btu/h	Btu/h	(%)	Btu/h	(%)	Btu/h	Btu/h	(%)	Btu/h	Btu/h	(%)	Plenum		
<b>Envelope Loads</b>														
Skylite Solar	0	0	0	0	0	0	0	0	0	0	0	0	60.8	68.0
Skylite Cond	0	0	0	0	0	0	0	0	0	0	0	0	82.0	65.6
Roof Cond	0	2,243	2,243	22	0	0	0	0	0	-739	57	0	82.0	65.6
Glass Solar	1,136	0	1,136	11	1,136	15	0	0	0	0	0	0	82.0	65.6
Glass Cond	1,387	0	1,387	14	1,387	19	0	0	-1,033	-1,033	80	0	0.0	0.0
Wall Cond	660	389	1,049	10	660	9	0	0	-340	-554	43	0	0.0	0.0
Partition	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
Exposed Floor	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
Infiltration	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
<i>Sub Total ==&gt;</i>	3,183	2,632	5,815	57	3,183	42			-1,373	-2,325	181			
<b>Internal Loads</b>														
Lights	3,413	0	3,413	33	3,413	46			0	0	0			
People	1,000	0	1,000	10	500	7			0	0	0			
Misc	0	0	0	0	0	0			5,000	5,000	-388			
<i>Sub Total ==&gt;</i>	4,413	0	4,413	43	3,913	52			5,000	5,000	-388			
<b>Ceiling Load</b>														
Ventilation Load	394	-394	0	0	394	5			-136	0	0			
Dehumid. Ov Sizing	0	0	0	0	0	0			0	0	0			
Ov/Undr Sizing	0	0	0	0	0	0			-3,496	-3,496	271			
Exhaust Heat	0	0	0	0	0	0			0	0	0			
Sup. Fan Heat	0	0	0	0	0	0			0	0	0			
Ret. Fan Heat	0	0	0	0	0	0			0	0	0			
Duct Heat Pkup	0	0	0	0	0	0			0	0	0			
Reheat at Design	0	0	0	0	0	0			0	0	0			
<i>Grand Total ==&gt;</i>	7,990	2,238	10,228	100.00	7,490	100.00			-5	-1,288	100.00			

AIRFLOWS		
	Cooling	Heating
Vent	0	0
Infil	0	0
Supply	487	487
MinStop/Rh	0	0
Return	487	487
Exhaust	0	0
Rm Exh	0	0
Auxil	0	0

ENGINEERING CKS		
	Cooling	Heating
% OA	0.0	0.0
cfm/ft2	2.76	2.76
cfm/ton	571.63	
ft2/ton	207.41	
Btu/hr-ft2	57.86	-7.29
No. People	2	

COOLING COIL SELECTION										
	Total Capacity		Sens Cap.	Coil Airflow	Enter DB/WB/HR			Leave DB/WB/HR		
	ton	MBh			F	F	gr/lb	F	F	gr/lb
Main Clg	0.9	10.2	9.7	487	82.0	64.8	66.8	60.8	57.3	66.8
Aux Clg	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0
Opt Vent	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total</b>	0.9	10.2								

AREAS			
	Gross Total	Glass	
		ft2	(%)
Floor	177		
Part	0		
ExFlr	0		
Roof	177	0	0
Wall	295	92	31

HEATING COIL SELECTION				
	Capacity	Coil Airflow	Ent	
			MBh	Lvg
		cfm	F	F
Main Htg	-1.3	487	65.6	68.0
Aux Htg	0.0	0	0.0	0.0
Preheat	0.0	0	0.0	0.0
Humidif	0.0	0	0.0	0.0
Opt Vent	0.0	0	0.0	0.0
<b>Total</b>	-1.3			