

# Zone Checksums

By MATENO

## BALLROOM FOYER

COOLING COIL PEAK					CLG SPACE PEAK			HEATING COIL PEAK				TEMPERATURES		
Peaked at Time:		Mo/Hr: 7 / 14			Mo/Hr: 7 / 14				Mo/Hr: Heating Design					
Outside Air:		OADB/WB/HR: 109 / 90 / 188			OADB: 109				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	Skylite Solar	0	0
Skylite Cond	0	0	0	0	0	0	0	0	0	0	0	Skylite Cond	0	0
Roof Cond	0	35,048	35,048	21	0	0	0	0	0	-8,838	19	Roof Cond	0	0
Glass Solar	43,200	0	43,200	26	43,200	40	0	0	0	0	0	Glass Solar	0	0
Glass Cond	32,657	0	32,657	19	32,657	31	0	0	-21,599	-21,599	47	Glass Cond	-21,599	-21,599
Wall Cond	7,888	7,385	15,273	9	7,888	7	0	0	-3,056	-6,025	13	Wall Cond	-3,056	-6,025
Partition	0	0	0	0	0	0	0	0	0	0	0	Partition	0	0
Exposed Floor	0	0	0	0	0	0	0	0	0	0	0	Exposed Floor	0	0
Infiltration	29,986	0	29,986	18	9,303	9	0	0	-5,981	-5,981	13	Infiltration	-5,981	-5,981
<b>Sub Total ==&gt;</b>	<b>113,732</b>	<b>42,433</b>	<b>156,164</b>	<b>93</b>	<b>93,049</b>	<b>87</b>			<b>-30,636</b>	<b>-42,443</b>	<b>93</b>	<b>Sub Total ==&gt;</b>	<b>-30,636</b>	<b>-42,443</b>
<b>Internal Loads</b>														
Lights	1,365	341	1,707	1	1,365	1	0	0	0	0	0	Lights	0	0
People	10,000	0	10,000	6	5,000	5	0	0	0	0	0	People	0	0
Misc	2,000	0	2,000	1	2,000	2	0	0	0	0	0	Misc	0	0
<b>Sub Total ==&gt;</b>	<b>13,365</b>	<b>341</b>	<b>13,707</b>	<b>8</b>	<b>8,365</b>	<b>8</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>Sub Total ==&gt;</b>	<b>0</b>	<b>0</b>
<b>Ceiling Load</b>														
Ceiling Load	5,380	-5,380	0	0	5,380	5	0	0	-1,608	0	0	Ceiling Load	-1,608	0
Ventilation Load	0	0	0	0	0	0	0	0	0	0	0	Ventilation Load	0	0
Dehumid. Ov Sizing	0	0	0	0	0	0	0	0	0	0	0	Ov/Undr Sizing	0	0
Ov/Undr Sizing	0	0	0	0	0	0	0	0	0	653	-1	Exhaust Heat	653	-1
Exhaust Heat	0	-2,186	-2,186	-1	0	0	0	0	0	0	0	OA Preheat Diff.	0	0
Sup. Fan Heat	0	0	0	0	0	0	0	0	0	0	0	RA Preheat Diff.	0	0
Ret. Fan Heat	0	0	0	0	0	0	0	0	0	0	0	Additional Reheat	0	0
Duct Heat Pkup	0	0	0	0	0	0	0	0	0	0	0	System Plenum Heat	-3,775	8
Reheat at Design	0	0	0	0	0	0	0	0	0	0	0			
<b>Grand Total ==&gt;</b>	<b>132,477</b>	<b>35,208</b>	<b>167,685</b>	<b>100.00</b>	<b>106,795</b>	<b>100.00</b>			<b>-32,244</b>	<b>-45,564</b>	<b>100.00</b>	<b>Grand Total ==&gt;</b>	<b>-32,244</b>	<b>-45,564</b>

	Cooling	Heating
SADB	55.7	73.8
Plenum	83.0	65.6
Return	83.0	65.6
Ret/OA	83.0	65.6
Fn MtrTD	0.0	0.0
Fn BldTD	0.0	0.0
Fn Frict	0.0	0.0

AIRFLOWS		
	Cooling	Heating
Vent	0	0
Infil	251	251
Supply	5,110	5,110
MinStop/Rh	0	0
Return	5,361	5,361
Exhaust	251	251
Rm Exh	0	0
Auxil	0	0

ENGINEERING CKS		
	Cooling	Heating
% OA	0.0	0.0
cfm/ft2	2.42	2.42
cfm/ton	365.71	
ft2/ton	151.14	
Btu/hr-ft2	79.40	-21.57
No. People	20	

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	14.0	167.7	142.0	5,110	83.0	65.1	66.8	55.7	54.2	62.1
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>14.0</b>	<b>167.7</b>								

AREAS			
	Gross Total	Glass	
		ft2	(%)
Floor	2,112		
Part	0		
ExFlr	0		
Roof	2,112	0	0
Wall	1,659	995	60

HEATING COIL SELECTION				
	Capacity	Coil Airflow	Ent	Lvg
Main Htg	-45.6	5,110	65.6	73.8
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>-45.6</b>			

# Zone Checksums

By MATENO

## FUNCTION

COOLING COIL PEAK					CLG SPACE PEAK			HEATING COIL PEAK			TEMPERATURES				
Peaked at Time:		Mo/Hr: 7 / 14			Mo/Hr: 7 / 14		Mo/Hr: Heating Design			Cooling			Heating		
Outside Air:		OADB/WB/HR: 109 / 90 / 188			OADB: 109		OADB: 46			SADB			Plenum		
	Space	Plenum	Net	Percent	Space	Percent	Space Peak	Coil Peak	Percent	Return			Ret/OA		
	Sens. + Lat.	Sens. + Lat.	Total	Of Total	Sensible	Of Total	Space Sens	Tot Sens	Of Total	Fn MtrTD			Fn BldTD		
	Btu/h	Btu/h	Btu/h	(%)	Btu/h	(%)	Btu/h	Btu/h	(%)	Fn Frict					
<b>Envelope Loads</b>															
Skylite Solar	0	0	0	0	0	0	0	0	0						
Skylite Cond	0	0	0	0	0	0	0	0	0						
Roof Cond	0	99,115	99,115	23	0	0	0	-18,614	18						
Glass Solar	0	0	0	0	0	0	0	0	0						
Glass Cond	0	0	0	0	0	0	0	0	0						
Wall Cond	73,243	15,725	88,968	20	73,243	32	-35,035	-42,173	41						
Partition	0	0	0	0	0	0	0	0	0						
Exposed Floor	0	0	0	0	0	0	0	0	0						
Infiltration	116,358		116,358	27	36,086	16	0	0	0						
<b>Sub Total ==&gt;</b>	<b>189,601</b>	<b>114,840</b>	<b>304,441</b>	<b>70</b>	<b>109,330</b>	<b>47</b>	<b>-35,035</b>	<b>-60,787</b>	<b>59</b>						
<b>Internal Loads</b>															
Lights	13,652	3,413	17,065	4	13,652	6	0	0	0						
People	114,405		114,405	26	70,073	30	0	0	0						
Misc	14,762	0	14,762	3	14,762	6	0	0	0						
<b>Sub Total ==&gt;</b>	<b>142,819</b>	<b>3,413</b>	<b>146,232</b>	<b>33</b>	<b>98,487</b>	<b>43</b>	<b>0</b>	<b>0</b>	<b>0</b>						
<b>Ceiling Load</b>															
Ventilation Load	22,510	-22,510	0	0	22,510	10	-12,254	0	0						
Dehumid. Ov Sizing	0	0	0	0	0	0	0	0	0						
Ov/Undr Sizing	0	0	0	0	0	0	0	0	0						
Exhaust Heat		-13,097	-13,097	-3			0	0	0						
Sup. Fan Heat			0	0			0	0	0						
Ret. Fan Heat		0	0	0			0	0	0						
Duct Heat Pkup		0	0	0			0	0	0						
Reheat at Design			0	0			0	0	0						
<b>Grand Total ==&gt;</b>	<b>354,929</b>	<b>82,647</b>	<b>437,576</b>	<b>100.00</b>	<b>230,326</b>	<b>100.00</b>	<b>-47,289</b>	<b>-102,412</b>	<b>100.00</b>						

AIRFLOWS		
	Cooling	Heating
Vent	0	0
Infil	972	0
Supply	6,137	1,841
MinStop/Rh	1,841	1,841
Return	7,109	1,841
Exhaust	972	0
Rm Exh	0	0
Auxil	0	0

ENGINEERING CKS		
	Cooling	Heating
% OA	0.0	0.0
cfm/ft2	1.07	0.32
cfm/ton	168.29	
ft2/ton	156.87	
Btu/hr-ft2	76.50	-17.90
No. People	286	

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	36.5	437.6	313.0	6,137	87.4	66.5	66.7	40.4	40.0	36.9
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>36.5</b>	<b>437.6</b>								

AREAS			
	Gross Total	Glass	
		ft2	(%)
Floor	5,720		
Part	0		
ExFlr	0		
Roof	5,720	0	0
Wall	6,743	0	0

HEATING COIL SELECTION					
	Capacity	Coil Airflow	Ent		
			MBh	Coil Airflow	Ent
		cfm	F	F	F
Main Htg	-102.4	1,841	40.4	91.7	
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>	<b>-102.4</b>				

# Zone Checksums

By MATENO

## FUNCTION A/V

COOLING COIL PEAK					CLG SPACE PEAK			HEATING COIL PEAK				TEMPERATURES		
Peaked at Time:		Mo/Hr: 7 / 14			Mo/Hr: 7 / 14				Mo/Hr: Heating Design					
Outside Air:		OADB/WB/HR: 109 / 90 / 188			OADB: 109				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	Skylite Solar	61.4	72.3
Skylite Cond	0	0	0	0	0	0	0	0	0	0	0	Plenum	83.0	65.6
Roof Cond	0	0	0	0	0	0	0	0	0	0	0	Return	83.0	65.6
Glass Solar	0	0	0	0	0	0	0	0	0	0	0	Ret/OA	83.0	65.6
Glass Cond	0	0	0	0	0	0	0	0	0	0	0	Fn MtrTD	0.0	0.0
Wall Cond	3,168	1,040	4,208	69	3,168	63	-1,515	-2,052	83	0	0	Fn BldTD	0.0	0.0
Partition	0	0	0	0	0	0	0	0	0	0	0	Fn Frict	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>3,168</b>	<b>1,040</b>	<b>4,208</b>	<b>69</b>	<b>3,168</b>	<b>63</b>	<b>-1,515</b>	<b>-2,052</b>	<b>83</b>					
<b>Internal Loads</b>														
Lights	137	34	171	3	137	3	0	0	0	0	0	Lights	0	0
People	500		500	8	250	5	0	0	0	0	0	People	0	0
Misc	1,195	0	1,195	20	1,195	24	0	0	0	0	0	Misc	0	0
<b>Sub Total ==&gt;</b>	<b>1,831</b>	<b>34</b>	<b>1,865</b>	<b>31</b>	<b>1,581</b>	<b>32</b>	<b>0</b>	<b>0</b>	<b>0</b>			<b>Sub Total ==&gt;</b>	<b>0</b>	<b>0</b>
<b>Ceiling Load</b>														
Ceiling Load	255	-255	0	0	255	5	-76	0	0	0	0	Ceiling Load	0	0
Ventilation Load	0	0	0	0	0	0	0	0	0	0	0	Ventilation Load	0	0
Dehumid. Ov Sizing			0	0			0	0	0	0	0	Ov/Undr Sizing	0	0
Ov/Undr Sizing	0		0	0	0	0	0	0	0	0	0	Exhaust Heat	0	0
Exhaust Heat		0	0	0			0	0	0	0	0	OA Preheat Diff.	0	0
Sup. Fan Heat			0	0			0	0	0	0	0	RA Preheat Diff.	0	0
Ret. Fan Heat		0	0	0			0	0	0	0	0	Additional Reheat	0	0
Duct Heat Pkup		0	0	0			0	0	0	0	0	System Plenum Heat	-426	17
Reheat at Design			0	0										
<b>Grand Total ==&gt;</b>	<b>5,254</b>	<b>819</b>	<b>6,073</b>	<b>100.00</b>	<b>5,004</b>	<b>100.00</b>	<b>-1,592</b>	<b>-2,478</b>	<b>100.00</b>					

AIRFLOWS		
	Cooling	Heating
Vent	0	0
Infil	0	0
Supply	340	340
MinStop/Rh	0	0
Return	340	340
Exhaust	0	0
Rm Exh	0	0
Auxil	0	0

ENGINEERING CKS		
	Cooling	Heating
% OA	0.0	0.0
cfm/ft2	3.40	3.40
cfm/ton	671.99	
ft2/ton	197.60	
Btu/hr-ft2	60.73	-24.78
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	0.5	6.1	5.8	340	83.0	65.1	66.8	61.4	57.6	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>	<b>0.5</b>	<b>6.1</b>								

AREAS			
	Gross Total	Glass	
		ft2	(%)
Floor	100		
Part	0		
ExFlr	0		
Roof	0	0	0
Wall	220	0	0

HEATING COIL SELECTION				
	Capacity	Coil Airflow	Ent	
			MBh	Lvg
	MBh	cfm	F	F
Main Htg	-2.5	340	65.6	72.3
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>-2.5</b>			

# Zone Checksums

By MATENO

## FUNCTION BOARDROOM

COOLING COIL PEAK					CLG SPACE PEAK			HEATING COIL PEAK				TEMPERATURES		
Peaked at Time:		Mo/Hr: 7 / 14			Mo/Hr: 7 / 14		Mo/Hr: Heating Design				Cooling			Heating
Outside Air:		OADB/WB/HR: 109 / 90 / 188			OADB: 109		OADB: 46				SADB			73.8
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	(%)	83.0	83.0	83.0
<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	6,998	6,998	43	0	0	0	0	0	-1,603	43	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	1,636	397	2,034	12	1,636	20	0	0	-783	-988	27	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	-1,554	-1,554	42	0	0	0
<i>Sub Total ==&gt;</i>	1,637	7,395	9,031	55	1,637	20	0	0	-2,337	-4,145	112	0	0	0
<b>Internal Loads</b>														
Lights	1,365	341	1,707	10	1,365	17	0	0	0	0	0	0	0	0
People	4,000	0	4,000	24	2,450	30	0	0	0	0	0	0	0	0
Misc	1,654	0	1,654	10	1,654	20	0	0	0	0	0	0	0	0
<i>Sub Total ==&gt;</i>	7,019	341	7,360	45	5,469	68	0	0	0	0	0	0	0	0
<b>Ceiling Load</b>														
Ventilation Load	976	-976	0	0	976	12	0	0	-292	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	170	-5	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	265	-7	0	0	0
<i>Grand Total ==&gt;</i>	9,632	6,760	16,392	100.00	8,082	100.00	0	0	-2,629	-3,710	100.00	0	0	0

AIRFLOWS		
	Cooling	Heating
Vent	0	0
Infil	0	65
Supply	415	415
MinStop/Rh	0	0
Return	415	480
Exhaust	0	65
Rm Exh	0	0
Auxil	0	0

ENGINEERING CKS		
	Cooling	Heating
% OA	0.0	0.0
cfm/ft2	1.08	1.08
cfm/ton	303.79	
ft2/ton	280.52	
Btu/hr-ft2	42.78	-9.68
No. People	10	

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	1.4	16.4	14.8	415	83.0	65.1	66.8	57.0	51.7	50.3
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>	1.4	16.4								

AREAS			
	Gross Total	Glass	
		ft2	(%)
Floor	383		
Part	0		
ExFlr	0		
Roof	383	0	0
Wall	354	0	0

HEATING COIL SELECTION				
	Capacity MBh	Coil Airflow cfm	Ent Lvg	
			F	F
Main Htg	-3.7	415	65.6	73.8
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>	-3.7			

# Zone Checksums

By MATENO

## FUNCTION MEETING ROOMS

COOLING COIL PEAK					CLG SPACE PEAK			HEATING COIL PEAK				TEMPERATURES		
Peaked at Time:		Mo/Hr: 7 / 14			Mo/Hr: 7 / 14				Mo/Hr: Heating Design					
Outside Air:		OADB/WB/HR: 109 / 90 / 188			OADB: 109				OADB: 46					
Space Sens.	Plenum Sens.	Net Total	Percent Of Total	Space Sensible	Percent Of Total	Space Peak	Coil Peak Tot	Percent Of Total						
+ Lat.	+ Lat	Btu/h	(%)	Btu/h	(%)	Space Sens	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	10,101	10,101	20	0	0	-2,709	13						
Glass Solar	4,039	0	4,039	8	4,039	11	0	0						
Glass Cond	3,445	0	3,445	7	3,445	10	-2,349	12						
Wall Cond	20,892	5,819	26,710	52	20,892	59	-8,778	56						
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	-2,626	13						
<i>Sub Total ==&gt;</i>	28,376	15,919	44,296	86	28,376	80	-13,752	93						
<b>Internal Loads</b>														
Lights	997	0	997	2	997	3	0	0						
People	5,179	0	5,179	10	3,172	9	0	0						
Misc	1,195	0	1,195	2	1,195	3	0	0						
<i>Sub Total ==&gt;</i>	7,370	0	7,370	14	5,363	15	0	0						
<b>Ceiling Load</b>														
Ventilation Load	1,649	-1,649	0	0	1,649	5	-493	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	0	287	-1						
Sup. Fan Heat	0	0	0	0	0	0	0	0						
Ret. Fan Heat	0	0	0	0	0	0	0	0						
Duct Heat Pkup	0	0	0	0	0	0	0	0						
Reheat at Design	0	0	0	0	0	0	-1,651	8						
<i>Grand Total ==&gt;</i>	37,396	14,270	51,666	100.00	35,389	100.00	-14,245	-20,398	100.00					

AIRFLOWS		
	Cooling	Heating
Vent	0	0
Infil	0	110
Supply	2,361	2,361
MinStop/Rh	0	0
Return	2,361	2,471
Exhaust	0	110
Rm Exh	0	0
Auxil	0	0

ENGINEERING CKS		
	Cooling	Heating
% OA	0.0	0.0
cfm/ft2	3.65	3.65
cfm/ton	548.32	
ft2/ton	150.36	
Btu/hr-ft2	79.81	-31.51
No. People	13	

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	4.3	51.7	49.7	2,361	83.0	65.1	66.8	61.2	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>	4.3	51.7								

AREAS			
	Gross Total	Glass	
		ft2	(%)
Floor	647		
Part	0		
ExFlr	0		
Roof	647	0	0
Wall	1,320	108	8

HEATING COIL SELECTION				
	Capacity	Coil Airflow	Ent	
			MBh	Lvg
	MBh	cfm	F	F
Main Htg	-20.4	2,361	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>	-20.4			

# Zone Checksums

By MATENO

## FUNCTION MEETING ROOMS 2

COOLING COIL PEAK					CLG SPACE PEAK			HEATING COIL PEAK				TEMPERATURES		
Peaked at Time:		Mo/Hr: 7 / 14			Mo/Hr: 7 / 14				Mo/Hr: Heating Design					
Outside Air:		OADB/WB/HR: 109 / 90 / 188			OADB: 109				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	10,101	10,101	20	0	0	0	0	0	-2,709	13	0	0	0
Glass Solar	4,039	0	4,039	8	4,039	11	0	0	0	0	0	0	0	0
Glass Cond	3,445	0	3,445	7	3,445	10	0	0	-2,349	-2,349	12	0	0	0
Wall Cond	20,892	5,819	26,710	52	20,892	59	0	0	-8,778	-11,351	56	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	-2,626	-2,626	13	0	0	0
<b>Sub Total ==&gt;</b>	<b>28,376</b>	<b>15,919</b>	<b>44,296</b>	<b>86</b>	<b>28,376</b>	<b>80</b>			<b>-13,752</b>	<b>-19,034</b>	<b>93</b>			
<b>Internal Loads</b>														
Lights	997	0	997	2	997	3	0	0	0	0	0	0	0	0
People	5,179	0	5,179	10	3,172	9	0	0	0	0	0	0	0	0
Misc	1,195	0	1,195	2	1,195	3	0	0	0	0	0	0	0	0
<b>Sub Total ==&gt;</b>	<b>7,370</b>	<b>0</b>	<b>7,370</b>	<b>14</b>	<b>5,363</b>	<b>15</b>			<b>0</b>	<b>0</b>	<b>0</b>			
<b>Ceiling Load</b>														
Ventilation Load	1,649	-1,649	0	0	1,649	5	0	0	-493	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	287	-1	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>37,396</b>	<b>14,270</b>	<b>51,666</b>	<b>100.00</b>	<b>35,389</b>	<b>100.00</b>			<b>-14,245</b>	<b>-20,398</b>	<b>100.00</b>			

AIRFLOWS		
	Cooling	Heating
Vent	0	0
Infil	0	110
Supply	2,361	2,361
MinStop/Rh	0	0
Return	2,361	2,471
Exhaust	0	110
Rm Exh	0	0
Auxil	0	0

ENGINEERING CKS		
	Cooling	Heating
% OA	0.0	0.0
cfm/ft2	3.65	3.65
cfm/ton	548.32	
ft2/ton	150.36	
Btu/hr-ft2	79.81	-31.51
No. People	13	

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	4.3	51.7	49.7	2,361	83.0	65.1	66.8	61.2	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>4.3</b>	<b>51.7</b>								

AREAS			
	Gross Total	Glass	
		ft2	(%)
Floor	647		
Part	0		
ExFlr	0		
Roof	647	0	0
Wall	1,320	108	8

HEATING COIL SELECTION				
	Capacity	Coil Airflow	Ent Lvg	
			MBh	F
Main Htg	-20.4	2,361	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>-20.4</b>			

# Zone Checksums

By MATENO

## GALLERY

COOLING COIL PEAK					CLG SPACE PEAK			HEATING COIL PEAK				TEMPERATURES		
Peaked at Time:		Mo/Hr: 8 / 14			Mo/Hr: 8 / 14		Mo/Hr: Heating Design				Cooling			Heating
Outside Air:		OADB/WB/HR: 106 / 89 / 190			OADB: 106		OADB: 46				SADB			72.9
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	(%)	82.6	82.6	82.6
<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	0	0	0	0	0	0	0	0	0	0	0	0	0
Glass Solar	15,617	0	15,617	45	15,617	49	0	0	0	0	0	0	0	0
Glass Cond	7,950	0	7,950	23	7,950	25	-5,845	50	-5,845	-5,845	50	82.6	82.6	82.6
Wall Cond	4,107	3,879	7,986	23	4,107	13	-1,600	27	-1,600	-3,154	27	82.6	82.6	82.6
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>27,675</b>	<b>3,879</b>	<b>31,553</b>	<b>91</b>	<b>27,675</b>	<b>88</b>	<b>-7,445</b>	<b>78</b>	<b>-7,445</b>	<b>-8,999</b>	<b>78</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
<b>Internal Loads</b>														
Lights	1,365	341	1,707	5	1,365	4	0	0	0	0	0	0	0	0
People	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Misc	1,500	0	1,500	4	1,500	5	0	0	0	0	0	0	0	0
<b>Sub Total ==&gt;</b>	<b>2,865</b>	<b>341</b>	<b>3,207</b>	<b>9</b>	<b>2,865</b>	<b>9</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	1,056	-1,056	0	0	1,056	3	-335	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>31,596</b>	<b>3,164</b>	<b>34,760</b>	<b>100.00</b>	<b>31,596</b>	<b>100.00</b>	<b>-7,780</b>	<b>100.00</b>	<b>-7,780</b>	<b>-11,577</b>	<b>100.00</b>			

AIRFLOWS		
	Cooling	Heating
Vent	0	0
Infil	0	0
Supply	1,457	1,457
MinStop/Rh	0	0
Return	1,457	1,457
Exhaust	0	0
Rm Exh	0	0
Auxil	0	0

ENGINEERING CKS		
	Cooling	Heating
% OA	0.0	0.0
cfm/ft2	3.31	3.31
cfm/ton	502.93	
ft2/ton	151.93	
Btu/hr-ft2	78.98	-26.31
No. People	9	

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	2.9	34.8	34.8	1,457	82.6	62.1	52.9	55.0	51.5	52.9
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>2.9</b>	<b>34.8</b>								

AREAS			
	Gross Total	Glass	
		ft2	(%)
Floor	440		
Part	0		
ExFlr	0		
Roof	0	0	0
Wall	868	521	60

HEATING COIL SELECTION				
	Capacity MBh	Coil Airflow cfm	Ent Lvg	
			F	F
Main Htg	-11.6	1,457	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>	<b>-11.6</b>			

# Zone Checksums

By MATENO

## MEN BATHROOM

COOLING COIL PEAK					CLG SPACE PEAK			HEATING COIL PEAK				TEMPERATURES		
Peaked at Time:		Mo/Hr: 8 / 14			Mo/Hr: 8 / 14				Mo/Hr: Heating Design					
Outside Air:		OADB/WB/HR: 106 / 89 / 190			OADB: 106				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
+ Lat.	+ Lat	Btu/h	(%)	Btu/h	(%)	Btu/h	Btu/h	(%)	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	2,547	2,547	17	0	0	0	0	0	-732	21	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	5,352	1,849	7,201	48	5,352	62	0	0	-2,046	-2,770	79	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	1,080	0	1,080	7	310	4	0	0	-219	-219	6	0	0	0
<i>Sub Total ==&gt;</i>	6,432	4,395	10,827	72	5,662	65	0	0	-2,265	-3,722	107	0	0	0
<b>Internal Loads</b>														
Lights	1,365	341	1,707	11	1,365	16	0	0	0	0	0	0	0	0
People	2,500	0	2,500	17	1,250	14	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>	3,865	341	4,207	28	2,615	30	0	0	0	0	0	0	0	0
<b>Ceiling Load</b>														
Ceiling Load	420	-420	0	0	420	5	0	0	-133	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	24	-1	0	0	0
Exhaust Heat	0	-75	-75	-1	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	204	-6	0	0	0
<i>Grand Total ==&gt;</i>	10,717	4,241	14,958	100.00	8,697	100.00	0	0	-2,398	-3,494	100.00	0	0	0

AIRFLOWS		
	Cooling	Heating
Vent	0	0
Infil	9	9
Supply	420	420
MinStop/Rh	0	0
Return	430	430
Exhaust	9	9
Rm Exh	0	0
Auxil	0	0

ENGINEERING CKS		
	Cooling	Heating
% OA	0.0	0.0
cfm/ft2	2.40	2.40
cfm/ton	337.29	
ft2/ton	140.36	
Btu/hr-ft2	85.50	-19.97
No. People	5	

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	12.9	420	82.6	65.0	66.8	55.9	53.0	57.0
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>	1.3	15.0								

AREAS			
	Gross Total	Glass	
		ft2	(%)
Floor	175		
Part	0		
ExFlr	0		
Roof	175	0	0
Wall	297	0	0

HEATING COIL SELECTION				
	Capacity	Coil Airflow	Ent	
			F	Lvg
Main Htg	-3.5	420	65.6	73.3
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>	-3.5			

# Zone Checksums

By MATENO

## SERVICE CORRIDOR

COOLING COIL PEAK					CLG SPACE PEAK			HEATING COIL PEAK				TEMPERATURES		
Peaked at Time:		Mo/Hr: 7 / 14			Mo/Hr: 7 / 14		Mo/Hr: Heating Design				Cooling			Heating
Outside Air:		OADB/WB/HR: 109 / 90 / 188			OADB: 109		OADB: 46				SADB			75.8
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
+ Lat.	+ Lat	Btu/h	(%)	Btu/h	(%)	Btu/h	Btu/h	(%)	Btu/h	Btu/h	(%)	83.0	83.0	83.0
Btu/h	Btu/h	Btu/h	(%)	Btu/h	(%)	Btu/h	Btu/h	(%)	Btu/h	Btu/h	(%)	0.0	0.0	0.0
<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	38,104	38,104	34	0	0	0	38	0	-8,731	38	0	0	0
Glass Solar	6,129	0	6,129	6	6,129	13	0	0	0	0	0	0	0	0
Glass Cond	6,034	0	6,034	5	6,034	12	0	17	-3,831	-3,831	17	0	0	0
Wall Cond	19,029	15,529	34,558	31	19,029	39	0	75	-9,102	-17,120	75	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	14,974	0	14,974	13	4,646	10	0	13	-2,987	-2,987	13	0	0	0
<b>Sub Total ==&gt;</b>	<b>46,166</b>	<b>53,633</b>	<b>99,799</b>	<b>90</b>	<b>35,838</b>	<b>74</b>	<b>0</b>	<b>142</b>	<b>-15,920</b>	<b>-32,669</b>	<b>142</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
<b>Internal Loads</b>														
Lights	1,365	341	1,707	2	1,365	3	0	0	0	0	0	0	0	0
People	10,000	0	10,000	9	5,000	10	0	0	0	0	0	0	0	0
Misc	1,000	0	1,000	1	1,000	2	0	0	0	0	0	0	0	0
<b>Sub Total ==&gt;</b>	<b>12,365</b>	<b>341</b>	<b>12,707</b>	<b>11</b>	<b>7,365</b>	<b>15</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>														
Ceiling Load	5,315	-5,315	0	0	5,315	11	0	0	-1,589	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	326	-1	0	0	0
Exhaust Heat	0	-1,092	-1,092	-1	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	9,408	-41	0	0	0
<b>Grand Total ==&gt;</b>	<b>63,847</b>	<b>47,567</b>	<b>111,414</b>	<b>100.00</b>	<b>48,518</b>	<b>100.00</b>	<b>0</b>	<b>100.00</b>	<b>-17,509</b>	<b>-22,935</b>	<b>100.00</b>	<b>0</b>	<b>0</b>	<b>0</b>

AIRFLOWS		
	Cooling	Heating
Vent	0	0
Infil	125	125
Supply	2,082	2,082
MinStop/Rh	0	0
Return	2,207	2,207
Exhaust	125	125
Rm Exh	0	0
Auxil	0	0

ENGINEERING CKS		
	Cooling	Heating
% OA	0.0	0.0
cfm/ft2	1.00	1.00
cfm/ton	224.24	
ft2/ton	224.73	
Btu/hr-ft2	53.40	-10.99
No. People	20	

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	9.3	111.4	96.1	2,082	83.0	65.1	66.8	53.5	46.0	35.5
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>9.3</b>	<b>111.4</b>								

AREAS			
	Gross Total	Glass	
		ft2	(%)
Floor	2,087		
Part	0		
ExFlr	0		
Roof	2,087	0	0
Wall	2,057	177	9

HEATING COIL SELECTION				
	Capacity	Coil Airflow	Ent	
			F	Lvg
	MBh	cfm	F	F
Main Htg	-22.9	2,082	65.6	75.8
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>-22.9</b>			

# Zone Checksums

By MATENO

## WOMEN BATHROOM

COOLING COIL PEAK					CLG SPACE PEAK			HEATING COIL PEAK				TEMPERATURES		
Peaked at Time:		Mo/Hr: 8 / 14			Mo/Hr: 8 / 14		Mo/Hr: Heating Design				Cooling			Heating
Outside Air:		OADB/WB/HR: 106 / 89 / 190			OADB: 106		OADB: 46				SADB			73.3
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
+ Lat.	+ Lat	Btu/h	(%)	Btu/h	(%)	Btu/h	Btu/h	(%)	Btu/h	Btu/h	(%)	82.6	82.6	82.6
Btu/h	Btu/h	Btu/h	(%)	Btu/h	(%)	Btu/h	Btu/h	(%)	Btu/h	Btu/h	(%)	0.0	0.0	0.0
<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	2,547	2,547	17	0	0	0	21	0	-732	21	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	5,352	1,849	7,201	48	5,352	62	-2,046	79	-2,046	-2,770	79	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	1,080	0	1,080	7	310	4	-219	6	-219	-219	6	0	0	0
<i>Sub Total ==&gt;</i>	6,432	4,395	10,827	72	5,662	65	-2,265	107	-2,265	-3,722	107	0.0	0.0	0.0
<b>Internal Loads</b>														
Lights	1,365	341	1,707	11	1,365	16	0	0	0	0	0	0	0	0
People	2,500	0	2,500	17	1,250	14	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>	3,865	341	4,207	28	2,615	30	0	0	0	0	0	0	0	0
<b>Ceiling Load</b>														
Ceiling Load	420	-420	0	0	420	5	-133	0	-133	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	-75	-75	-1	0	0	24	-1	24	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	204	-6	204	0	0	0	0	0
<i>Grand Total ==&gt;</i>	10,717	4,241	14,958	100.00	8,697	100.00	-2,398	100.00	-2,398	-3,494	100.00			

AIRFLOWS		
	Cooling	Heating
Vent	0	0
Infil	9	9
Supply	420	420
MinStop/Rh	0	0
Return	430	430
Exhaust	9	9
Rm Exh	0	0
Auxil	0	0

ENGINEERING CKS		
	Cooling	Heating
% OA	0.0	0.0
cfm/ft2	2.40	2.40
cfm/ton	337.29	
ft2/ton	140.36	
Btu/hr-ft2	85.50	-19.97
No. People	5	

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	12.9	420	82.6	65.0	66.8	55.9	53.0	57.0
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>	1.3	15.0								

AREAS			
	Gross Total	Glass	
		ft2	(%)
Floor	175		
Part	0		
ExFlr	0		
Roof	175	0	0
Wall	297	0	0

HEATING COIL SELECTION				
	Capacity	Coil Airflow	Ent	Lvg
Main Htg	-3.5	420	65.6	73.3
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>	-3.5			