

# Zone Checksums

By MATENO

Dress, Linen, AMNTY, ATTND

COOLING COIL PEAK					CLG SPACE PEAK			HEATING COIL PEAK				TEMPERATURES			
Peaked at Time:		Mo/Hr: 7 / 16			Mo/Hr: 6 / 17			Mo/Hr: Heating Design				Cooling			Heating
Outside Air:		OADB/WB/HR: 109 / 90 / 188			OADB: 107			OADB: 46				SADB	56.6	69.9	
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>					<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	3,238	3,238	31	0	0	0	0	0	-690	40	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	640	174	814	8	682	11	0	0	-293	-392	23	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	811	0	811	8	232	4	0	0	-162	-162	9	0	0	0	
<b>Sub Total ==&gt;</b>	<b>1,451</b>	<b>3,412</b>	<b>4,863</b>	<b>47</b>	<b>914</b>	<b>15</b>	<b>0</b>	<b>0</b>	<b>-454</b>	<b>-1,244</b>	<b>73</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	
<b>Internal Loads</b>					<b>Internal Loads</b>										
Lights	1,365	341	1,707	16	1,365	22	0	0	0	0	0	0	0	0	
People	2,000	0	2,000	19	1,000	16	0	0	0	0	0	0	0	0	
Misc	2,000	0	2,000	19	2,000	33	0	0	0	0	0	0	0	0	
<b>Sub Total ==&gt;</b>	<b>5,365</b>	<b>341</b>	<b>5,707</b>	<b>55</b>	<b>4,365</b>	<b>71</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>	<b>837</b>	<b>-837</b>	<b>0</b>	<b>0</b>	<b>828</b>	<b>14</b>	<b>0</b>	<b>0</b>	<b>-177</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Ventilation Load</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>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Dehumid. Ov Sizing</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>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Ov/Undr Sizing</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>0</b>	<b>24</b>	<b>-1</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Exhaust Heat</b>	<b>0</b>	<b>-113</b>	<b>-113</b>	<b>-1</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>0</b>	<b>0</b>	
<b>Sup. Fan Heat</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>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Ret. Fan Heat</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>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Duct Heat Pkup</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>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Reheat at Design</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>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Grand Total ==&gt;</b>	<b>7,653</b>	<b>2,804</b>	<b>10,457</b>	<b>100.00</b>	<b>6,107</b>	<b>100.00</b>	<b>0</b>	<b>0</b>	<b>-631</b>	<b>-1,707</b>	<b>100.00</b>	<b>0</b>	<b>0</b>	<b>0</b>	

AIRFLOWS		
	Cooling	Heating
Vent	0	0
Infil	7	7
Supply	306	306
MinStop/Rh	0	0
Return	313	313
Exhaust	7	7
Rm Exh	0	0
Auxil	0	0

ENGINEERING CKS		
	Cooling	Heating
% OA	0.0	0.0
cfm/ft2	1.78	1.78
cfm/ton	351.23	
ft2/ton	197.71	
Btu/hr-ft2	60.70	-9.91
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	0.9	10.5	8.9	306	90.3	67.4	66.8	56.6	55.7	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>	<b>0.9</b>	<b>10.5</b>								

AREAS			
	Gross Total	Glass	
		ft2	(%)
Floor	172		
Part	0		
ExFlr	0		
Roof	172	0	0
Wall	143	0	0

HEATING COIL SELECTION				
	Capacity	Coil Airflow	Ent	
			MBh	Lvg
	MBh	cfm	F	F
Main Htg	-1.7	306	64.8	69.9
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>-1.7</b>			

# Zone Checksums

By MATENO

Dress, Linen, AMNTY, ATTND Women

COOLING COIL PEAK					CLG SPACE PEAK			HEATING COIL PEAK				TEMPERATURES		
Peaked at Time:		Mo/Hr: 7 / 16			Mo/Hr: 6 / 17		Mo/Hr: Heating Design				Cooling			Heating
Outside Air:		OADB/WB/HR: 109 / 90 / 188			OADB: 107		OADB: 46				SADB	56.6	69.9	
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	90.3	64.8	64.8
Roof Cond	0	3,238	3,238	31	0	0	0	40	0	-690	40	90.3	64.8	64.8
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	640	174	814	8	682	11	23	23	-293	-392	23	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	811	0	811	8	232	4	9	9	-162	-162	9	0.0	0.0	0.0
<i>Sub Total ==&gt;</i>	1,451	3,412	4,863	47	914	15	73	73	-454	-1,244	73			
<b>Internal Loads</b>														
Lights	1,365	341	1,707	16	1,365	22	0	0	0	0	0			
People	2,000	0	2,000	19	1,000	16	0	0	0	0	0			
Misc	2,000	0	2,000	19	2,000	33	0	0	0	0	0			
<i>Sub Total ==&gt;</i>	5,365	341	5,707	55	4,365	71	0	0	0	0	0			
<b>Ceiling Load</b>														
Ventilation Load	837	-837	0	0	828	14	0	0	-177	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	-113	-113	-1	0	0	24	-1	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			
<i>Grand Total ==&gt;</i>	7,653	2,804	10,457	100.00	6,107	100.00	29	29	-631	-1,707	100.00			

AIRFLOWS		
	Cooling	Heating
Vent	0	0
Infil	7	7
Supply	306	306
MinStop/Rh	0	0
Return	313	313
Exhaust	7	7
Rm Exh	0	0
Auxil	0	0

ENGINEERING CKS		
	Cooling	Heating
% OA	0.0	0.0
cfm/ft2	1.78	1.78
cfm/ton	351.23	
ft2/ton	197.71	
Btu/hr-ft2	60.70	-9.91
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	0.9	10.5	8.9	306	90.3	67.4	66.8	56.6	55.7	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>	0.9	10.5								

AREAS			
	Gross Total	Glass	
		ft2	(%)
Floor	172		
Part	0		
ExFlr	0		
Roof	172	0	0
Wall	143	0	0

HEATING COIL SELECTION				
	Capacity	Coil Airflow	Ent	
			MBh	Lvg
	MBh	cfm	F	F
Main Htg	-1.7	306	64.8	69.9
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>	-1.7			

# Zone Checksums

By MATENO

## Garden Room

COOLING COIL PEAK					CLG SPACE PEAK			HEATING COIL PEAK				TEMPERATURES			
Peaked at Time:		Mo/Hr: 7 / 16			Mo/Hr: 9 / 15			Mo/Hr: Heating Design				Cooling			Heating
Outside Air:		OADB/WB/HR: 109 / 90 / 188			OADB: 106			OADB: 46				SADB	50.8	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	
Skylite Cond	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Roof Cond	0	9,405	9,405	45	0	0	0	0	0	-2,061	63	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	1,163	332	1,495	7	1,698	18	0	0	-473	-633	20	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	4,843	0	4,843	23	1,376	14	0	0	-966	-966	30	0	0	0	
<b>Sub Total ==&gt;</b>	<b>6,006</b>	<b>9,737</b>	<b>15,743</b>	<b>76</b>	<b>3,074</b>	<b>32</b>			<b>-1,439</b>	<b>-3,660</b>	<b>113</b>				
<b>Internal Loads</b>															
Lights	1,365	341	1,707	8	1,365	14	0	0	0	0	0	0	0	0	
People	2,000	0	2,000	10	1,000	10	0	0	0	0	0	0	0	0	
Misc	2,000	0	2,000	10	2,000	21	0	0	0	0	0	0	0	0	
<b>Sub Total ==&gt;</b>	<b>5,365</b>	<b>341</b>	<b>5,707</b>	<b>27</b>	<b>4,365</b>	<b>46</b>			<b>0</b>	<b>0</b>	<b>0</b>				
<b>Ceiling Load</b>															
Ventilation Load	2,498	-2,498	0	0	2,124	22	0	0	-528	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	-673	-673	-3	0	0	0	0	0	142	-4	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	272	-8	0	0	0	
<b>Grand Total ==&gt;</b>	<b>13,870</b>	<b>6,907</b>	<b>20,777</b>	<b>100.00</b>	<b>9,563</b>	<b>100.00</b>			<b>-1,967</b>	<b>-3,246</b>	<b>100.00</b>				

AIRFLOWS		
	Cooling	Heating
Vent	0	0
Infil	40	40
Supply	364	364
MinStop/Rh	0	0
Return	404	404
Exhaust	40	40
Rm Exh	0	0
Auxil	0	0

ENGINEERING CKS		
	Cooling	Heating
% OA	0.0	0.0
cfm/ft2	0.71	0.71
cfm/ton	210.17	
ft2/ton	297.16	
Btu/hr-ft2	40.38	-6.31
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	1.7	20.8	16.4	364	90.3	67.4	66.8	50.8	47.8	46.0
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>1.7</b>	<b>20.8</b>								

AREAS			
	Gross Total	Glass	
		ft2	(%)
Floor	515		
Part	0		
ExFlr	0		
Roof	515	0	0
Wall	231	0	0

HEATING COIL SELECTION				
	Capacity	Coil Airflow	Ent	Lvg
Main Htg	-3.3	364	64.8	73.0
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>-3.3</b>			

# Zone Checksums

By MATENO

## Lounge, Retail, Dressing

COOLING COIL PEAK					CLG SPACE PEAK			HEATING COIL PEAK				TEMPERATURES			
Peaked at Time:		Mo/Hr: 9 / 14			Mo/Hr: 11 / 14		Mo/Hr: Heating Design					Cooling			Heating
Outside Air:		OADB/WB/HR: 105 / 86 / 166			OADB: 93		OADB: 46					SADB	60.1	70.5	
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	
Skylite Cond	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Roof Cond	0	25,373	25,373	31	0	0	0	0	0	-7,447	42	0	0	0	
Glass Solar	28,823	0	28,823	35	41,502	75	0	0	0	0	0	0	0	0	
Glass Cond	6,275	0	6,275	8	3,549	6	0	0	-4,678	-4,678	27	0	0	0	
Wall Cond	0	495	495	1	0	0	0	0	0	-139	1	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	14,015	0	14,015	17	2,659	5	0	0	-3,312	-3,312	19	0	0	0	
<b>Sub Total ==&gt;</b>	<b>49,113</b>	<b>25,868</b>	<b>74,981</b>	<b>92</b>	<b>47,709</b>	<b>86</b>			<b>-7,990</b>	<b>-15,576</b>	<b>89</b>				
<b>Internal Loads</b>															
Lights	1,365	341	1,707	2	1,365	2	0	0	0	0	0	0	0	0	
People	4,000	0	4,000	5	2,000	4	0	0	0	0	0	0	0	0	
Misc	2,000	0	2,000	2	2,000	4	0	0	0	0	0	0	0	0	
<b>Sub Total ==&gt;</b>	<b>7,365</b>	<b>341</b>	<b>7,707</b>	<b>9</b>	<b>5,365</b>	<b>10</b>			<b>0</b>	<b>0</b>	<b>0</b>				
<b>Ceiling Load</b>															
Ceiling Load	4,336	-4,336	0	0	2,547	5	0	0	-1,247	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	336	-2	0	0	0	
Exhaust Heat	0	-1,168	-1,168	-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	-2,336	13	0	0	0	
<b>Grand Total ==&gt;</b>	<b>60,814</b>	<b>20,705</b>	<b>81,519</b>	<b>100.00</b>	<b>55,621</b>	<b>100.00</b>			<b>-9,237</b>	<b>-17,576</b>	<b>100.00</b>				

AIRFLOWS		
	Cooling	Heating
Vent	0	0
Infil	139	139
Supply	3,448	3,448
MinStop/Rh	0	0
Return	3,586	3,586
Exhaust	139	139
Rm Exh	0	0
Auxil	0	0

ENGINEERING CKS		
	Cooling	Heating
% OA	0.0	0.0
cfm/ft2	1.95	1.95
cfm/ton	507.50	
ft2/ton	259.67	
Btu/hr-ft2	46.21	-9.96
No. People	8	

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	6.8	81.5	70.1	3,448	82.8	65.0	66.8	60.1	57.1	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>6.8</b>	<b>81.5</b>								

AREAS			
	Gross Total	Glass	
		ft2	(%)
Floor	1,764		
Part	0		
ExFlr	0		
Roof	1,764	0	0
Wall	270	216	80

HEATING COIL SELECTION				
	Capacity	Coil Airflow	Ent	Lvg
Main Htg	-17.6	3,448	65.8	70.5
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>	<b>-17.6</b>			

# Zone Checksums

By MATENO

## Men Lockers

COOLING COIL PEAK					CLG SPACE PEAK			HEATING COIL PEAK				TEMPERATURES		
Peaked at Time:		Mo/Hr: 7 / 16			Mo/Hr: 7 / 16				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	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	Skylite Solar	54.4	68.8
Skylite Cond	0	0	0	0	0	0	0	0	0	0	0	Plenum	90.3	64.8
Roof Cond	0	1,492	1,492	21	0	0	0	0	0	-327	39	Return	90.3	64.8
Glass Solar	0	0	0	0	0	0	0	0	0	0	0	Ret/OA	90.3	64.8
Glass Cond	0	0	0	0	0	0	0	0	0	0	0	Fn MtrTD	0.0	0.0
Wall Cond	0	0	0	0	0	0	0	0	0	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	384		384	5	119	3			-77	-77	9			
<b>Sub Total ==&gt;</b>	<b>384</b>	<b>1,492</b>	<b>1,876</b>	<b>27</b>	<b>119</b>	<b>3</b>			<b>-77</b>	<b>-403</b>	<b>48</b>			
<b>Internal Loads</b>														
Lights	1,365	341	1,707	24	1,365	31			0	0	0			
People	2,000		2,000	28	1,000	23			0	0	0			
Misc	1,500	0	1,500	21	1,500	34			0	0	0			
<b>Sub Total ==&gt;</b>	<b>4,865</b>	<b>341</b>	<b>5,207</b>	<b>74</b>	<b>3,865</b>	<b>88</b>			<b>0</b>	<b>0</b>	<b>0</b>			
<b>Ceiling Load</b>														
Ventilation Load	396	-396	0	0	396	9			-84	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		-53	-53	-1						11	-1			
Sup. Fan Heat		0	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						-456	54			
<b>Grand Total ==&gt;</b>	<b>5,646</b>	<b>1,383</b>	<b>7,029</b>	<b>100.00</b>	<b>4,381</b>	<b>100.00</b>			<b>-160</b>	<b>-849</b>	<b>100.00</b>			

AIRFLOWS		
	Cooling	Heating
Vent	0	0
Infil	3	3
Supply	196	196
MinStop/Rh	0	0
Return	199	199
Exhaust	3	3
Rm Exh	0	0
Auxil	0	0

ENGINEERING CKS		
	Cooling	Heating
% OA	0.0	0.0
cfm/ft2	2.40	2.40
cfm/ton	334.35	
ft2/ton	139.31	
Btu/hr-ft2	86.14	-10.40
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	0.6	7.0	5.8	196	90.3	67.4	66.8	54.4	54.4	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>0.6</b>	<b>7.0</b>								

AREAS			
Floor Part	Gross Total	Glass	
		ft2	(%)
Floor	82		
Part	0		
ExFlr	0		
Roof	82	0	0
Wall	0	0	0

HEATING COIL SELECTION				
	Capacity	Coil Airflow	Ent	
			MBh	Lvg
		cfm	F	F
Main Htg	-0.9	196	64.8	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>	<b>-0.9</b>			

# Zone Checksums

By MATENO

## Men Toilet

COOLING COIL PEAK					CLG SPACE PEAK			HEATING COIL PEAK				TEMPERATURES			
Peaked at Time:		Mo/Hr: 7 / 17			Mo/Hr: 7 / 16			Mo/Hr: Heating Design				Cooling			Heating
Outside Air:		OADB/WB/HR: 108 / 89 / 187			OADB: 109			OADB: 46				SADB	55.0	72.2	
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	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	90.3	64.8	64.8	
Roof Cond	0	5,039	5,039	100	0	0	0	0	0	-1,104	221	90.3	64.8	64.8	
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	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	
<i>Sub Total ==&gt;</i>	0	5,039	5,039	100	0	0	0	0	0	-1,104	221				
<b>Internal Loads</b>															
Lights	0	0	0	0	0	0	0	0	0	0	0				
People	0	0	0	0	0	0	0	0	0	0	0				
Misc	0	0	0	0	0	0	0	0	0	0	0				
<i>Sub Total ==&gt;</i>	0	0	0	0	0	0	0	0	0	0	0				
<b>Ceiling Load</b>															
Ceiling Load	1,333	-1,333	0	0	1,338	100	0	0	-283	0	0				
Ventilation Load	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				
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				
<i>Grand Total ==&gt;</i>	1,333	3,706	5,039	100.00	1,338	100.00	-283	-500	100.00						

AIRFLOWS		
	Cooling	Heating
Vent	0	0
Infil	0	0
Supply	62	62
MinStop/Rh	0	0
Return	62	62
Exhaust	0	0
Rm Exh	0	0
Auxil	0	0

ENGINEERING CKS		
	Cooling	Heating
% OA	0.0	0.0
cfm/ft2	0.22	0.22
cfm/ton	146.89	
ft2/ton	656.04	
Btu/hr-ft2	18.29	-1.81
No. People	0	

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	5.0	5.0	62	90.3	64.7	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>	0.4	5.0								

AREAS			
	Gross Total	Glass	
		ft2	(%)
Floor	276		
Part	0		
ExFlr	0		
Roof	276	0	0
Wall	0	0	0

HEATING COIL SELECTION				
	Capacity MBh	Coil Airflow cfm	Ent Lvg	
			F	F
Main Htg	-0.5	62	64.8	72.2
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

Men Waiting

COOLING COIL PEAK					CLG SPACE PEAK			HEATING COIL PEAK				TEMPERATURES		
Peaked at Time:		Mo/Hr: 7 / 16			Mo/Hr: 7 / 16				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
+ 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	4,793	4,793	40	0	0	0	0	0	-1,050	73	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	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
Exposed Floor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Infiltration	1,234		1,234	10	383	6			-246	-246	17	0	0	0
<i>Sub Total ==&gt;</i>	1,234	4,793	6,027	50	383	6			-246	-1,296	90	0	0	0
<b>Internal Loads</b>														
Lights	1,365	341	1,707	14	1,365	22			0	0	0	0	0	0
People	2,500		2,500	21	1,250	20			0	0	0	0	0	0
Misc	2,000	0	2,000	17	2,000	32			0	0	0	0	0	0
<i>Sub Total ==&gt;</i>	5,865	341	6,207	51	4,615	74			0	0	0	0	0	0
<b>Ceiling Load</b>														
Ventilation Load	1,273	-1,273	0	0	1,273	20			-269	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		-171	-171	-1						36	-3	0	0	0
Sup. Fan Heat			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							12	0	0	0
<i>Grand Total ==&gt;</i>	8,372	3,690	12,062	100.00	6,271	100.00			-515	-1,434	100.00			

AIRFLOWS		
	Cooling	Heating
Vent	0	0
Infil	10	10
Supply	261	261
MinStop/Rh	0	0
Return	272	272
Exhaust	10	10
Rm Exh	0	0
Auxil	0	0

ENGINEERING CKS		
	Cooling	Heating
% OA	0.0	0.0
cfm/ft2	1.00	1.00
cfm/ton	260.03	
ft2/ton	260.85	
Btu/hr-ft2	46.00	-5.47
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	1.0	12.1	10.0	261	90.3	67.4	66.8	52.9	52.2	58.7
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>	1.0	12.1								

AREAS			
	Gross Total	Glass	
		ft2	(%)
Floor	262		
Part	0		
ExFlr	0		
Roof	262	0	0
Wall	0	0	0

HEATING COIL SELECTION				
	Capacity	Coil Airflow	Ent	
			MBh	Lvg
		cfm	F	F
Main Htg	-1.4	261	64.8	69.8
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>	-1.4			

# Zone Checksums

By MATENO

## Reception, Lobby, Waiting

COOLING COIL PEAK					CLG SPACE PEAK			HEATING COIL PEAK				TEMPERATURES		
Peaked at Time:		Mo/Hr: 7 / 16			Mo/Hr: 7 / 15		Mo/Hr: Heating Design				Cooling			Heating
Outside Air:		OADB/WB/HR: 109 / 90 / 188			OADB: 110		OADB: 46				SADB	47.9	71.3	
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	23,263	23,263	34	0	0	-5,066	76	0	0	0	0.0	0.0	0.0
Glass Solar	2,486	0	2,486	4	2,649	8	0	0	0	0	0	0.0	0.0	0.0
Glass Cond	1,755	0	1,755	3	1,749	5	-1,115	17	0	-1,115	17	0.0	0.0	0.0
Wall Cond	2,079	840	2,918	4	2,099	6	-889	19	0	-1,292	19	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	5,648	0	5,648	8	1,789	5	-1,127	17	0	-1,127	17	0.0	0.0	0.0
<b>Sub Total ==&gt;</b>	<b>11,968</b>	<b>24,103</b>	<b>36,070</b>	<b>53</b>	<b>8,287</b>	<b>25</b>	<b>-3,131</b>	<b>129</b>	<b>0</b>	<b>-8,599</b>	<b>129</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
<b>Internal Loads</b>														
Lights	1,365	341	1,707	3	1,365	4	0	0	0	0	0	0	0	0
People	28,743	0	28,743	42	17,605	53	0	0	0	0	0	0	0	0
Misc	2,000	0	2,000	3	2,000	6	0	0	0	0	0	0	0	0
<b>Sub Total ==&gt;</b>	<b>32,108</b>	<b>341</b>	<b>32,449</b>	<b>48</b>	<b>20,970</b>	<b>64</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	3,858	-3,858	0	0	3,679	11	-848	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	-520	-520	-1	0	0	114	-2	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	1,797	-27	0	0	0	0	0	0
<b>Grand Total ==&gt;</b>	<b>47,933</b>	<b>20,067</b>	<b>68,000</b>	<b>100.00</b>	<b>32,936</b>	<b>100.00</b>	<b>-3,979</b>	<b>-6,688</b>	<b>100.00</b>	<b>-3,979</b>	<b>-6,688</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>

AIRFLOWS		
	Cooling	Heating
Vent	0	0
Infil	47	47
Supply	1,120	1,120
MinStop/Rh	0	0
Return	1,167	1,167
Exhaust	47	47
Rm Exh	0	0
Auxil	0	0

ENGINEERING CKS		
	Cooling	Heating
% OA	0.0	0.0
cfm/ft2	0.93	0.93
cfm/ton	197.64	
ft2/ton	211.77	
Btu/hr-ft2	56.67	-5.57
No. People	72	

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	5.7	68.0	53.0	1,120	85.2	65.8	66.8	47.9	43.8	37.1
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>5.7</b>	<b>68.0</b>								

AREAS			
	Gross Total	Glass	
		ft2	(%)
Floor	1,200		
Part	0		
ExFlr	0		
Roof	1,200	0	0
Wall	550	83	15

HEATING COIL SELECTION				
	Capacity	Coil Airflow	Ent	Lvg
Main Htg	-6.7	1,120	65.8	71.3
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>-6.7</b>			

# Zone Checksums

By MATENO

Sales, Reservations, Personal

COOLING COIL PEAK					CLG SPACE PEAK			HEATING COIL PEAK				TEMPERATURES		
Peaked at Time:		Mo/Hr: 7 / 16			Mo/Hr: 7 / 16				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	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	Skylite Solar	0	0	0	85.2	71.5
Skylite Cond	0	0	0	0	0	0	0	0	Skylite Cond	0	0	0	85.2	65.8
Roof Cond	0	8,319	8,319	35	0	0	0	0	Roof Cond	0	-1,765	65	85.2	65.8
Glass Solar	0	0	0	0	0	0	0	0	Glass Solar	0	0	0	85.2	65.8
Glass Cond	0	0	0	0	0	0	0	0	Glass Cond	0	0	0	0.0	0.0
Wall Cond	1,281	402	1,683	7	1,281	11	0	0	Wall Cond	-585	-794	29	0.0	0.0
Partition	0	0	0	0	0	0	0	0	Partition	0	0	0	0.0	0.0
Exposed Floor	0	0	0	0	0	0	0	0	Exposed Floor	0	0	0	0.0	0.0
Infiltration	3,935	0	3,935	17	1,221	10	0	0	Infiltration	-785	-785	29	0.0	0.0
<i>Sub Total ==&gt;</i>	<i>5,215</i>	<i>8,721</i>	<i>13,936</i>	<i>59</i>	<i>2,501</i>	<i>21</i>			<i>Sub Total ==&gt;</i>	<i>-1,370</i>	<i>-3,344</i>	<i>123</i>		
<b>Internal Loads</b>														
Lights	1,365	341	1,707	7	1,365	12	0	0	Lights	0	0	0		
People	4,000	0	4,000	17	2,000	17	0	0	People	0	0	0		
Misc	4,500	0	4,500	19	4,500	38	0	0	Misc	0	0	0		
<i>Sub Total ==&gt;</i>	<i>9,865</i>	<i>341</i>	<i>10,207</i>	<i>43</i>	<i>7,865</i>	<i>67</i>			<i>Sub Total ==&gt;</i>	<i>0</i>	<i>0</i>	<i>0</i>		
<b>Ceiling Load</b>														
Ventilation Load	1,344	-1,344	0	0	1,344	11	0	0	Ceiling Load	-295	0	0		
Dehumid. Ov Sizing	0	0	0	0	0	0	0	0	Ventilation Load	0	0	0		
Ov/Undr Sizing	0	0	0	0	0	0	0	0	Ov/Undr Sizing	0	0	0		
Exhaust Heat	0	-362	-362	-2	0	0	0	0	Exhaust Heat	80	-3			
Sup. Fan Heat	0	0	0	0	0	0	0	0	OA Preheat Diff.	0	0			
Ret. Fan Heat	0	0	0	0	0	0	0	0	RA Preheat Diff.	0	0			
Duct Heat Pkup	0	0	0	0	0	0	0	0	Additional Reheat	0	0			
Reheat at Design	0	0	0	0	0	0	0	0	System Plenum Heat	539	-20			
<i>Grand Total ==&gt;</i>	<i>16,424</i>	<i>7,356</i>	<i>23,781</i>	<i>100.00</i>	<i>11,710</i>	<i>100.00</i>			<i>Grand Total ==&gt;</i>	<i>-1,665</i>	<i>-2,725</i>	<i>100.00</i>		

AIRFLOWS		
	Cooling	Heating
Vent	0	0
Infil	33	33
Supply	438	438
MinStop/Rh	0	0
Return	471	471
Exhaust	33	33
Rm Exh	0	0
Auxil	0	0

ENGINEERING CKS		
	Cooling	Heating
% OA	0.0	0.0
cfm/ft2	1.05	1.05
cfm/ton	221.11	
ft2/ton	210.93	
Btu/hr-ft2	56.89	-6.52
No. People	8	

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	2.0	23.8	19.1	438	85.2	65.8	66.8	50.4	46.6	42.6
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>2.0</b>	<b>23.8</b>								

AREAS			
	Gross Total	Glass	
		ft2	(%)
Floor	418		
Part	0		
ExFlr	0		
Roof	418	0	0
Wall	286	0	0

HEATING COIL SELECTION				
	Capacity	Coil Airflow	Ent	
			MBh	Lvg
	MBh	cfm	F	F
Main Htg	-2.7	438	65.8	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>	<b>-2.7</b>			

# Zone Checksums

By MATENO

## SideWalk

COOLING COIL PEAK					CLG SPACE PEAK			HEATING COIL PEAK				TEMPERATURES					
Peaked at Time:		Mo/Hr: 7 / 16			Mo/Hr: 7 / 16				Mo/Hr: Heating Design								
Outside Air:		OADB/WB/HR: 109 / 90 / 188			OADB: 109				OADB: 46								
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 (%)									
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	Skylite Solar	0	0	0	Skylite Solar	0	0	0	<b>TEMPERATURES</b>		
Skylite Cond	0	0	0	0	0	0	Skylite Cond	0	0	0	Skylite Cond	0	0	0	SADB	50.1	71.1
Roof Cond	0	11,434	11,434	51	0	0	Roof Cond	0	-2,506	100	Roof Cond	0	0	0	Plenum	90.3	64.8
Glass Solar	0	0	0	0	0	0	Glass Solar	0	0	0	Glass Solar	0	0	0	Return	90.3	64.8
Glass Cond	0	0	0	0	0	0	Glass Cond	0	0	0	Glass Cond	0	0	0	Ret/OA	90.3	64.8
Wall Cond	0	0	0	0	0	0	Wall Cond	0	0	0	Wall Cond	0	0	0	Fn MtrTD	0.0	0.0
Partition	0	0	0	0	0	0	Partition	0	0	0	Partition	0	0	0	Fn BldTD	0.0	0.0
Exposed Floor	0	0	0	0	0	0	Exposed Floor	0	0	0	Exposed Floor	0	0	0	Fn Frict	0.0	0.0
Infiltration	2,944	0	2,944	13	913	9	Infiltration	-587	-587	23	Infiltration	-587	-587	23			
Sub Total ==>	2,944	11,434	14,378	64	913	9	Sub Total ==>	-587	-3,093	123	Sub Total ==>	-587	-3,093	123			
<b>Internal Loads</b>					<b>Internal Loads</b>			<b>Internal Loads</b>				<b>ENGINEERING CKS</b>					
Lights	2,730	683	3,413	15	2,730	28	Lights	0	0	0	Lights	0	0	0	Vent	0	0
People	4,000	0	4,000	18	2,000	20	People	0	0	0	People	0	0	0	Infil	25	25
Misc	1,200	0	1,200	5	1,200	12	Misc	0	0	0	Misc	0	0	0	Supply	366	366
Sub Total ==>	7,930	683	8,613	38	5,930	60	Sub Total ==>	0	0	0	Sub Total ==>	0	0	0	MinStop/Rh	0	0
<b>Ceiling Load</b>					<b>Ceiling Load</b>			<b>Ceiling Load</b>				Return	391	391			
Ventilation Load	3,037	-3,037	0	0	3,037	31	Ventilation Load	-642	0	0	Ventilation Load	-642	0	0	Exhaust	25	25
Dehumid. Ov Sizing	0	0	0	0	0	0	Dehumid. Ov Sizing	0	0	0	Dehumid. Ov Sizing	0	0	0	Rm Exh	0	0
Ov/Undr Sizing	0	0	0	0	0	0	Ov/Undr Sizing	0	0	0	Ov/Undr Sizing	0	0	0	Auxil	0	0
Exhaust Heat	0	-409	-409	-2	0	0	Exhaust Heat	0	86	-3	Exhaust Heat	0	86	-3			
Sup. Fan Heat	0	0	0	0	0	0	OA Preheat Diff.	0	0	0	Sup. Fan Heat	0	0	0	% OA	0.0	0.0
Ret. Fan Heat	0	0	0	0	0	0	RA Preheat Diff.	0	0	0	Ret. Fan Heat	0	0	0	cfm/ft2	0.59	0.59
Duct Heat Pkup	0	0	0	0	0	0	Additional Reheat	0	0	0	Duct Heat Pkup	0	0	0	cfm/ton	194.75	
Reheat at Design	0	0	0	0	0	0	System Plenum Heat	489	-19		Reheat at Design	0	0	0	ft2/ton	332.39	
Grand Total ==>	13,912	8,670	22,582	100.00	9,881	100.00	Grand Total ==>	-1,229	-2,517	100.00	Grand Total ==>	-1,229	-2,517	100.00	Btu/hr-ft2	36.10	-4.02
												No. People	8				

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	MBh	cfm	F	F	gr/lb	F	F	gr/lb	F	F	MBh	cfm	F	F				
Main Clg	1.9	22.6	18.6	366	90.3	67.4	66.8	50.1	45.9	40.4	Floor	626		Main Htg	-2.5	366	64.8	71.1	
Aux Clg	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	Part	0		Aux Htg	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	ExFlr	0		Preheat	0.0	0	0.0	0.0	
Total	1.9	22.6									Roof	626	0	0	Humidif	0.0	0	0.0	0.0
											Wall	0	0	0	Opt Vent	0.0	0	0.0	0.0
											Total	-2.5			Total	-2.5			

# Zone Checksums

By MATENO

## Styling Shampoo

COOLING COIL PEAK					CLG SPACE PEAK			HEATING COIL PEAK				TEMPERATURES			
Peaked at Time:		Mo/Hr: 7 / 16			Mo/Hr: 7 / 16			Mo/Hr: Heating Design				Cooling			Heating
Outside Air:		OADB/WB/HR: 109 / 90 / 188			OADB: 109			OADB: 46				SADB	52.8	71.6	
Space Sens.	Plenum Sens.	Net Total	Percent Of Total	Space Sensible	Percent Of Total	Space Peak	Coil Peak	Percent	Space Sens	Coil Peak	Percent	Plenum	90.3	64.8	
+ Lat.	+ Lat.	Btu/h	(%)	Btu/h	(%)	Space Sens	Tot Sens	Of Total	Btu/h	Btu/h	(%)	Return	90.3	64.8	
Btu/h	Btu/h					Btu/h						Ret/OA	90.3	64.8	
<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	8,409	8,409	46	0	0	0	0	Roof Cond	0	-1,843	67	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	875	236	1,111	6	875	10	0	0	Wall Cond	-405	-543	20			
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	2,887	0	2,887	16	896	10	0	0	Infiltration	-576	-576	21			
<i>Sub Total ==&gt;</i>	<i>3,762</i>	<i>8,644</i>	<i>12,406</i>	<i>68</i>	<i>1,771</i>	<i>20</i>			<i>Sub Total ==&gt;</i>	<i>-981</i>	<i>-2,961</i>	<i>108</i>			
<b>Internal Loads</b>															
Lights	1,365	341	1,707	9	1,365	15	0	0	Lights	0	0	0			
People	2,000	0	2,000	11	1,000	11	0	0	People	0	0	0			
Misc	2,500	0	2,500	14	2,500	28	0	0	Misc	0	0	0			
<i>Sub Total ==&gt;</i>	<i>5,865</i>	<i>341</i>	<i>6,207</i>	<i>34</i>	<i>4,865</i>	<i>55</i>			<i>Sub Total ==&gt;</i>	<i>0</i>	<i>0</i>	<i>0</i>			
<b>Ceiling Load</b>															
Ceiling Load	2,234	-2,234	0	0	2,234	25	-472	0	Ceiling Load	-472	0	0			
Ventilation Load	0	0	0	0	0	0	0	0	Ventilation Load	0	0	0			
Dehumid. Ov Sizing	0	0	0	0	0	0	0	0	Ov/Undr Sizing	0	0	0			
Ov/Undr Sizing	0	0	0	0	0	0	0	0	Exhaust Heat	0	85	-3			
Exhaust Heat	0	-401	-401	-2	0	0	0	0	OA Preheat Diff.	0	0	0			
Sup. Fan Heat	0	0	0	0	0	0	0	0	RA Preheat Diff.	0	0	0			
Ret. Fan Heat	0	0	0	0	0	0	0	0	Additional Reheat	0	0	0			
Duct Heat Pkup	0	0	0	0	0	0	0	0	System Plenum Heat	128	-5				
Reheat at Design	0	0	0	0	0	0									
<b>Grand Total ==&gt;</b>	<b>11,861</b>	<b>6,351</b>	<b>18,212</b>	<b>100.00</b>	<b>8,869</b>	<b>100.00</b>	<b>Grand Total ==&gt;</b>	<b>-1,453</b>	<b>-2,748</b>	<b>100.00</b>					

AIRFLOWS		
	Cooling	Heating
Vent	0	0
Infil	24	24
Supply	368	368
MinStop/Rh	0	0
Return	393	393
Exhaust	24	24
Rm Exh	0	0
Auxil	0	0

ENGINEERING CKS		
	Cooling	Heating
% OA	0.0	0.0
cfm/ft2	0.80	0.80
cfm/ton	242.78	
ft2/ton	303.10	
Btu/hr-ft2	39.59	-5.97
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	1.5	18.2	15.2	368	90.3	67.4	66.8	52.8	50.9	54.0
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>1.5</b>	<b>18.2</b>								

AREAS			
	Gross Total	Glass	
		ft2	(%)
Floor	460		
Part	0		
ExFlr	0		
Roof	460	0	0
Wall	198	0	0

HEATING COIL SELECTION				
	Capacity	Coil Airflow	Ent	
			MBh	Coil Airflow
		cfm	F	F
Main Htg	-2.8	368	64.8	71.6
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>-2.8</b>			

# Zone Checksums

By MATENO

## Woman Toilets

COOLING COIL PEAK					CLG SPACE PEAK			HEATING COIL PEAK				TEMPERATURES			
Peaked at Time:		Mo/Hr: 7 / 17			Mo/Hr: 7 / 16		Mo/Hr: Heating Design				Cooling			Heating	
Outside Air:		OADB/WB/HR: 108 / 89 / 187			OADB: 109		OADB: 46				SADB	55.0	72.2		
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 Peak Space Sens	Coil Peak Tot Sens	Percent Of Total	Plenum	90.3	64.8	
Btu/h	Btu/h	Btu/h	(%)	Btu/h	(%)	Btu/h	Btu/h	(%)	Btu/h	Btu/h	(%)	Return	90.3	64.8	
<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	5,039	5,039	100	0	0	0	0	Roof Cond	0	-1,104	221	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	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>	0	5,039	5,039	100	0	0	0	0	<i>Sub Total ==&gt;</i>	0	-1,104	221			
<b>Internal Loads</b>															
Lights	0	0	0	0	0	0	0	0	Lights	0	0	0			
People	0	0	0	0	0	0	0	0	People	0	0	0			
Misc	0	0	0	0	0	0	0	0	Misc	0	0	0			
<i>Sub Total ==&gt;</i>	0	0	0	0	0	0	0	0	<i>Sub Total ==&gt;</i>	0	0	0			
<b>Ceiling Load</b>															
Ceiling Load	1,333	-1,333	0	0	1,338	100	0	0	Ceiling Load	-283	0	0			
Ventilation Load	0	0	0	0	0	0	0	0	Ventilation Load	0	0	0			
Dehumid. Ov Sizing	0	0	0	0	0	0	0	0	Ov/Undr Sizing	0	0	0			
Ov/Undr Sizing	0	0	0	0	0	0	0	0	Exhaust Heat	0	0	0			
Exhaust Heat	0	0	0	0	0	0	0	0	OA Preheat Diff.	0	0	0			
Sup. Fan Heat	0	0	0	0	0	0	0	0	RA Preheat Diff.	0	0	0			
Ret. Fan Heat	0	0	0	0	0	0	0	0	Additional Reheat	0	0	0			
Duct Heat Pkup	0	0	0	0	0	0	0	0	System Plenum Heat	604	-121	0			
Reheat at Design	0	0	0	0	0	0	0	0							
<b>Grand Total ==&gt;</b>	1,333	3,706	5,039	100.00	1,338	100.00			<b>Grand Total ==&gt;</b>	-283	-500	100.00			

AIRFLOWS		
	Cooling	Heating
Vent	0	0
Infil	0	0
Supply	62	62
MinStop/Rh	0	0
Return	62	62
Exhaust	0	0
Rm Exh	0	0
Auxil	0	0

ENGINEERING CKS		
	Cooling	Heating
% OA	0.0	0.0
cfm/ft2	0.22	0.22
cfm/ton	146.89	
ft2/ton	656.04	
Btu/hr-ft2	18.29	-1.81
No. People	0	

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	5.0	5.0	62	90.3	64.7	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>	0.4	5.0								

AREAS			
	Gross Total	Glass	
		ft2	(%)
Floor	276		
Part	0		
ExFlr	0		
Roof	276	0	0
Wall	0	0	0

HEATING COIL SELECTION				
	Capacity MBh	Coil Airflow cfm	Ent Lvg	
			F	F
Main Htg	-0.5	62	64.8	72.2
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

## Women Lockers

COOLING COIL PEAK					CLG SPACE PEAK			HEATING COIL PEAK				TEMPERATURES		
Peaked at Time:		Mo/Hr: 7 / 16			Mo/Hr: 7 / 16		Mo/Hr: Heating Design				Cooling			Heating
Outside Air:		OADB/WB/HR: 109 / 90 / 188			OADB: 109		OADB: 46				SADB	53.8	69.3	
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
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	2,632	2,632	31	0	0	0	57	0	-577	57	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	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	678	0	678	8	210	4	-135	13	678	-135	13	0.0	0.0	0.0
<b>Sub Total ==&gt;</b>	<b>678</b>	<b>2,632</b>	<b>3,310</b>	<b>39</b>	<b>210</b>	<b>4</b>	<b>-135</b>	<b>70</b>						
<b>Internal Loads</b>														
Lights	1,365	341	1,707	20	1,365	29	0	0	0	0	0	0	0	0
People	2,000	0	2,000	24	1,000	21	0	0	0	0	0	0	0	0
Misc	1,500	0	1,500	18	1,500	31	0	0	0	0	0	0	0	0
<b>Sub Total ==&gt;</b>	<b>4,865</b>	<b>341</b>	<b>5,207</b>	<b>62</b>	<b>3,865</b>	<b>81</b>	<b>0</b>	<b>0</b>						
<b>Ceiling Load</b>														
Ventilation Load	699	-699	0	0	699	15	-148	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	-94	-94	-1	0	0	20	-2	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>6,242</b>	<b>2,180</b>	<b>8,422</b>	<b>100.00</b>	<b>4,775</b>	<b>100.00</b>	<b>-283</b>	<b>-1,012</b>	<b>100.00</b>					

AIRFLOWS		
	Cooling	Heating
Vent	0	0
Infil	6	6
Supply	207	207
MinStop/Rh	0	0
Return	213	213
Exhaust	6	6
Rm Exh	0	0
Auxil	0	0

ENGINEERING CKS		
	Cooling	Heating
% OA	0.0	0.0
cfm/ft2	1.44	1.44
cfm/ton	295.56	
ft2/ton	205.17	
Btu/hr-ft2	58.49	-7.03
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	0.7	8.4	7.0	207	90.3	67.4	66.8	53.8	53.8	65.3
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>	<b>0.7</b>	<b>8.4</b>								

AREAS			
	Gross Total	Glass	
		ft2	(%)
Floor	144		
Part	0		
ExFlr	0		
Roof	144	0	0
Wall	0	0	0

HEATING COIL SELECTION				
	Capacity	Coil Airflow	Ent	
			MBh	Lvg
	MBh	cfm	F	F
Main Htg	-1.0	207	64.8	69.3
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>-1.0</b>			

# Zone Checksums

By MATENO

## Women Waiting

COOLING COIL PEAK					CLG SPACE PEAK			HEATING COIL PEAK				TEMPERATURES			
Peaked at Time:		Mo/Hr: 7 / 16			Mo/Hr: 7 / 16				Mo/Hr: Heating Design				Cooling		Heating
Outside Air:		OADB/WB/HR: 109 / 90 / 188			OADB: 109				OADB: 46				SADB	52.9	69.8
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	90.3	64.8	
Btu/h	Btu/h	Btu/h	(%)	Btu/h	(%)	Btu/h	Btu/h	(%)	Btu/h	Btu/h	(%)	Return	90.3	64.8	
<b>Envelope Loads</b>															
Skylite Solar	0	0	0	0	0	0	0	0	0	0	0	Ret/OA	90.3	64.8	
Skylite Cond	0	0	0	0	0	0	0	0	0	0	0	Fn MtrTD	0.0	0.0	
Roof Cond	0	4,793	4,793	40	0	0	0	0	0	-1,050	73	Fn BldTD	0.0	0.0	
Glass Solar	0	0	0	0	0	0	0	0	0	0	0	Fn Frict	0.0	0.0	
Glass Cond	0	0	0	0	0	0	0	0	0	0	0				
Wall Cond	0	0	0	0	0	0	0	0	0	0	0				
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	1,234		1,234	10	383	6			-246	-246	17				
<b>Sub Total ==&gt;</b>	<b>1,234</b>	<b>4,793</b>	<b>6,027</b>	<b>50</b>	<b>383</b>	<b>6</b>			<b>-246</b>	<b>-1,296</b>	<b>90</b>				
<b>Internal Loads</b>															
Lights	1,365	341	1,707	14	1,365	22			0	0	0				
People	2,500		2,500	21	1,250	20			0	0	0				
Misc	2,000	0	2,000	17	2,000	32			0	0	0				
<b>Sub Total ==&gt;</b>	<b>5,865</b>	<b>341</b>	<b>6,207</b>	<b>51</b>	<b>4,615</b>	<b>74</b>			<b>0</b>	<b>0</b>	<b>0</b>				
<b>Ceiling Load</b>															
Ventilation Load	1,273	-1,273	0	0	1,273	20			-269	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		-171	-171	-1						36	-3				
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							12				
<b>Grand Total ==&gt;</b>	<b>8,372</b>	<b>3,690</b>	<b>12,062</b>	<b>100.00</b>	<b>6,271</b>	<b>100.00</b>			<b>-515</b>	<b>-1,434</b>	<b>100.00</b>				

AIRFLOWS		
	Cooling	Heating
Vent	0	0
Infil	10	10
Supply	261	261
MinStop/Rh	0	0
Return	272	272
Exhaust	10	10
Rm Exh	0	0
Auxil	0	0

ENGINEERING CKS		
	Cooling	Heating
% OA	0.0	0.0
cfm/ft2	1.00	1.00
cfm/ton	260.03	
ft2/ton	260.85	
Btu/hr-ft2	46.00	-5.47
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	1.0	12.1	10.0	261	90.3	67.4	66.8	52.9	52.2	58.7
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>1.0</b>	<b>12.1</b>								

AREAS			
	Gross Total	Glass	
		ft2	(%)
Floor	262		
Part	0		
ExFlr	0		
Roof	262	0	0
Wall	0	0	0

HEATING COIL SELECTION				
	Capacity	Coil Airflow	Ent	
			MBh	Lvg
		cfm	F	F
Main Htg	-1.4	261	64.8	69.8
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>-1.4</b>			