

Zone Checksums

By MATENO

ACCOUNT COMPUTER

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	59.0	70.2	
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	85.1	65.5	
Btu/h	Btu/h	Btu/h	(%)	Btu/h	(%)	Btu/h	Btu/h	(%)	Btu/h	Btu/h	(%)	Return	85.1	65.5	
Envelope Loads					Envelope Loads										
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	1,688	1,688	26	0	0	0	0	0	-419	36	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	1,383	468	1,851	29	1,383	35	0	0	-452	-611	52				
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				
<i>Sub Total ==></i>	1,383	2,156	3,539	55	1,383	35	0	0	-452	-1,031	88				
Internal Loads					Internal Loads										
Lights	273	68	341	5	273	7	0	0	0	0	0				
People	1,000	0	1,000	16	500	13	0	0	0	0	0				
Misc	1,500	0	1,500	24	1,500	38	0	0	0	0	0				
<i>Sub Total ==></i>	2,773	68	2,841	45	2,273	57	0	0	0	0	0				
Ceiling Load	322	-322	0	0	322	8	-82	0	0	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				
Grand Total ==>	4,478	1,902	6,380	100.00	3,978	100.00	-534	-1,168	100.00	-534	-1,168				

AIRFLOWS		
	Cooling	Heating
Vent	0	0
Infil	0	0
Supply	229	229
MinStop/Rh	0	0
Return	229	229
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	430.28	
ft2/ton	189.96	
Btu/hr-ft2	63.17	-11.56
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	6.4	5.9	229	85.1	65.8	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
Total	0.5	6.4								

AREAS			
	Gross Total	Glass	
		ft2	(%)
Floor	101		
Part	0		
ExFlr	0		
Roof	101	0	0
Wall	221	0	0

HEATING COIL SELECTION				
	Capacity	Coil Airflow	Ent	
			MBh	Lvg
	MBh	cfm	F	F
Main Htg	-1.2	229	65.5	70.2
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
Total	-1.2			

Zone Checksums

By MATENO

ACCOUNT CONTROLLER

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	59.0	70.2	
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	85.1	65.5
Btu/h	Btu/h	Btu/h		Btu/h		Btu/h	Btu/h		Btu/h	Btu/h		Return	85.1	65.5
Envelope Loads														
Skylite Solar	0	0	0	0	0	0	0	0	0	0	0	Ret/OA	85.1	65.5
Skylite Cond	0	0	0	0	0	0	0	0	0	0	0	Fn MtrTD	0.0	0.0
Roof Cond	0	2,005	2,005	30	0	0	0	0	0	-498	42	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	1,383	468	1,851	28	1,383	34	0	0	0	-611	51			
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			
<i>Sub Total ==></i>	1,383	2,473	3,857	58	1,383	34				-452	93			
Internal Loads														
Lights	273	68	341	5	273	7	0	0	0	0	0			
People	1,000	0	1,000	15	500	12	0	0	0	0	0			
Misc	1,500	0	1,500	22	1,500	37	0	0	0	0	0			
<i>Sub Total ==></i>	2,773	68	2,841	42	2,273	56				0	0			
Ceiling Load														
Ventilation Load	382	-382	0	0	382	9	-97	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 ==></i>	4,539	2,159	6,698	100.00	4,039	100.00				-550	100.00			

AIRFLOWS		
	Cooling	Heating
Vent	0	0
Infil	0	0
Supply	233	233
MinStop/Rh	0	0
Return	233	233
Exhaust	0	0
Rm Exh	0	0
Auxil	0	0

ENGINEERING CKS		
	Cooling	Heating
% OA	0.0	0.0
cfm/ft2	1.94	1.94
cfm/ton	417.49	
ft2/ton	214.99	
Btu/hr-ft2	55.82	-9.96
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	6.7	6.2	233	85.1	65.8	66.8	59.0	56.5	66.0
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
Total	0.6	6.7								

AREAS			
	Gross Total	Glass	
		ft2	(%)
Floor	120		
Part	0		
ExFlr	0		
Roof	120	0	0
Wall	221	0	0

HEATING COIL SELECTION				
	Capacity MBh	Coil Airflow cfm	Ent Lvg	
			F	F
Main Htg	-1.2	233	65.5	70.2
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
Total	-1.2			

Zone Checksums

By MATENO

ACCOUNT COPY

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	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		
Envelope Loads														
Skylite Solar	0	0	0	0	0	0	0	0	Skylite Solar	0	0	0	85.1	70.2
Skylite Cond	0	0	0	0	0	0	0	0	Skylite Cond	0	0	0	85.1	65.5
Roof Cond	0	1,688	1,688	26	0	0	0	0	Roof Cond	0	-419	36	85.1	65.5
Glass Solar	0	0	0	0	0	0	0	0	Glass Solar	0	0	0	0.0	0.0
Glass Cond	0	0	0	0	0	0	0	0	Glass Cond	0	0	0	0.0	0.0
Wall Cond	1,383	468	1,851	29	1,383	35	52	52	Wall Cond	-452	-611	88	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	0	0	0	0	0	0	0	0	Infiltration	0	0	0	0.0	0.0
<i>Sub Total ==></i>	1,383	2,156	3,539	55	1,383	35			<i>Sub Total ==></i>	-452	-1,031			
Internal Loads														
Lights	273	68	341	5	273	7	0	0	Lights	0	0	0		
People	1,000		1,000	16	500	13	0	0	People	0	0	0		
Misc	1,500	0	1,500	24	1,500	38	0	0	Misc	0	0	0		
<i>Sub Total ==></i>	2,773	68	2,841	45	2,273	57			<i>Sub Total ==></i>	0	0	0		
Ceiling Load														
Ceiling Load	322	-322	0	0	322	8	-82	0	Ceiling Load	-82	0	0		
Ventilation Load	0	0	0	0	0	0	0	0	Ventilation Load	0	0	0		
Dehumid. Ov Sizing			0	0			0	0	Ov/Undr Sizing	0	0	0		
Ov/Undr Sizing	0		0	0	0	0	0	0	Exhaust Heat	0	0	0		
Exhaust Heat		0	0	0			0	0	OA Preheat Diff.		0	0		
Sup. Fan Heat			0	0			0	0	RA Preheat Diff.		0	0		
Ret. Fan Heat		0	0	0			0	0	Additional Reheat		0	0		
Duct Heat Pkup		0	0	0			0	0	System Plenum Heat		-137	12		
Reheat at Design			0	0										
Grand Total ==>	4,478	1,902	6,380	100.00	3,978	100.00	Grand Total ==>	-534	-1,168	100.00				

AIRFLOWS		
	Cooling	Heating
Vent	0	0
Infil	0	0
Supply	229	229
MinStop/Rh	0	0
Return	229	229
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	430.28	
ft2/ton	189.96	
Btu/hr-ft2	63.17	-11.56
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	6.4	5.9	229	85.1	65.8	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
Total	0.5	6.4								

AREAS			
	Gross Total	Glass	
		ft2	(%)
Floor	101		
Part	0		
ExFlr	0		
Roof	101	0	0
Wall	221	0	0

HEATING COIL SELECTION				
	Capacity	Coil Airflow	Ent	
			MBh	Lvg
	MBh	cfm	F	F
Main Htg	-1.2	229	65.5	70.2
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
Total	-1.2			

Zone Checksums

By MATENO

ACCOUNT DEAD FILES

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	59.3	70.3	
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
Envelope Loads														
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	3,760	3,760	44	0	0	0	69	0	-934	69	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	1,383	468	1,851	22	1,383	32	-452	45	0	-611	45	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
Sub Total ==>	1,383	4,228	5,611	66	1,383	32	-452	115	-452	-1,546	115			
Internal Loads														
Lights	273	68	341	4	273	6	0	0	0	0	0	0	0	0
People	1,000	0	1,000	12	500	11	0	0	0	0	0	0	0	0
Misc	1,500	0	1,500	18	1,500	34	0	0	0	0	0	0	0	0
Sub Total ==>	2,773	68	2,841	34	2,273	52	0	0	0	0	0			
Ceiling Load														
Ventilation Load	717	-717	0	0	717	16	-182	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			
Grand Total ==>	4,874	3,579	8,452	100.00	4,374	100.00	-635	-1,346	100.00	-635	-1,346			

AIRFLOWS		
	Cooling	Heating
Vent	0	0
Infil	0	0
Supply	257	257
MinStop/Rh	0	0
Return	257	257
Exhaust	0	0
Rm Exh	0	0
Auxil	0	0

ENGINEERING CKS		
	Cooling	Heating
% OA	0.0	0.0
cfm/ft2	1.14	1.14
cfm/ton	364.87	
ft2/ton	319.44	
Btu/hr-ft2	37.57	-5.98
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	0.7	8.5	8.0	257	85.1	65.8	66.8	59.3	55.0	59.5
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
Total	0.7	8.5								

AREAS			
	Gross Total	Glass	
		ft2	(%)
Floor	225		
Part	0		
ExFlr	0		
Roof	225	0	0
Wall	221	0	0

HEATING COIL SELECTION				
	Capacity	Coil Airflow	Ent	
			MBh	CFM
Main Htg	-1.4	257	65.5	70.3
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
Total	-1.4			

Zone Checksums

By MATENO

ACCOUNT WORK AREA

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 Space Sens	Coil Peak Tot Sens	Percent Of Total						
Btu/h	Btu/h	Btu/h	(%)	Btu/h	(%)	Btu/h	Btu/h	(%)						
Envelope Loads														
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	2,660	2,660	41	0	0	0	63	0	-623	63	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	706	217	922	14	706	20	-338	46	0	-456	46	0		
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		
Sub Total ==>	706	2,876	3,582	56	706	20	-338	108	-338	-1,079	108			
Internal Loads														
Lights	273	68	341	5	273	8	0	0	0	0	0	0		
People	1,000	0	1,000	16	500	14	0	0	0	0	0	0		
Misc	1,500	0	1,500	23	1,500	43	0	0	0	0	0	0		
Sub Total ==>	2,773	68	2,841	44	2,273	65	0	0	0	0	0	0		
Ceiling Load														
Ventilation Load	500	-500	0	0	500	14	-121	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		
Grand Total ==>	3,979	2,445	6,424	100.00	3,479	100.00	-459	-996	100.00					

AIRFLOWS		
	Cooling	Heating
Vent	0	0
Infil	0	0
Supply	194	194
MinStop/Rh	0	0
Return	194	194
Exhaust	0	0
Rm Exh	0	0
Auxil	0	0

ENGINEERING CKS		
	Cooling	Heating
% OA	0.0	0.0
cfm/ft2	1.29	1.29
cfm/ton	361.92	
ft2/ton	280.21	
Btu/hr-ft2	42.82	-6.64
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	6.4	5.9	194	85.5	65.9	66.8	58.4	55.1	61.2
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
Total	0.5	6.4								

AREAS			
	Gross Total	Glass	
		ft2	(%)
Floor	150		
Part	0		
ExFlr	0		
Roof	150	0	0
Wall	165	0	0

HEATING COIL SELECTION				
	Capacity	Coil Airflow	Ent	
			MBh	Lvg
		cfm	F	F
Main Htg	-1.0	194	65.5	70.2
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
Total	-1.0			

Zone Checksums

By MATENO

ACOUNT PAYROLL MAN

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	(%)	Plenum		
Envelope Loads														
Skylite Solar	0	0	0	0	0	0	0	0	0	0	0	Return	85.5	65.5
Skylite Cond	0	0	0	0	0	0	0	0	0	0	0	Ret/OA	85.5	65.5
Roof Cond	0	2,128	2,128	42	0	0	0	0	0	-498	97	Fn MtrTD	0.0	0.0
Glass Solar	0	0	0	0	0	0	0	0	0	0	0	Fn BldTD	0.0	0.0
Glass Cond	0	0	0	0	0	0	0	0	0	0	0	Fn Frict	0.0	0.0
Wall Cond	61	20	81	2	61	2	0	0	0	-23	-30			
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			
Sub Total ==>	61	2,148	2,209	44	61	2				-23	-529			
Internal Loads														
Lights	273	68	341	7	273	10	0	0	0	0	0			
People	1,000	0	1,000	20	500	18	0	0	0	0	0			
Misc	1,500	0	1,500	30	1,500	55	0	0	0	0	0			
Sub Total ==>	2,773	68	2,841	56	2,273	83				0	0			
Ceiling Load														
Ventilation Load	400	-400	0	0	400	15	0	0	0	-97	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			
Grand Total ==>	3,234	1,816	5,050	100.00	2,734	100.00				-120	-514			

AIRFLOWS		
	Cooling	Heating
Vent	0	0
Infil	0	0
Supply	142	142
MinStop/Rh	0	0
Return	142	142
Exhaust	0	0
Rm Exh	0	0
Auxil	0	0

ENGINEERING CKS		
	Cooling	Heating
% OA	0.0	0.0
cfm/ft2	1.19	1.19
cfm/ton	338.55	
ft2/ton	285.15	
Btu/hr-ft2	42.08	-4.29
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	0.4	5.1	4.6	142	85.5	65.9	66.8	57.3	54.2	59.7
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
Total	0.4	5.1								

AREAS			
	Gross Total	Glass	
		ft2	(%)
Floor	120		
Part	0		
ExFlr	0		
Roof	120	0	0
Wall	11	0	0

HEATING COIL SELECTION				
	Capacity	Coil Airflow	Ent Lvg	
			F	F
Main Htg	-0.5	142	65.5	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
Total	-0.5			

Zone Checksums

By MATENO

ADMIN AS MAN

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		
Envelope Loads														
Skylite Solar	0	0	0	0	0	0	0	0	Skylite Solar	0	0	0	85.1	70.2
Skylite Cond	0	0	0	0	0	0	0	0	Skylite Cond	0	0	0	85.1	65.5
Roof Cond	0	1,688	1,688	26	0	0	0	0	Roof Cond	0	-419	36	85.1	65.5
Glass Solar	0	0	0	0	0	0	0	0	Glass Solar	0	0	0	0.0	0.0
Glass Cond	0	0	0	0	0	0	0	0	Glass Cond	0	0	0	0.0	0.0
Wall Cond	1,383	468	1,851	29	1,383	35	52	52	Wall Cond	-452	-611	88	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	0	0	0	0	0	0	0	0	Infiltration	0	0	0	0.0	0.0
Sub Total ==>	1,383	2,156	3,539	55	1,383	35			Sub Total ==>	-452	-1,031	88		
Internal Loads														
Lights	273	68	341	5	273	7	0	0	Lights	0	0	0	229	229
People	1,000		1,000	16	500	13	0	0	People	0	0	0	0	0
Misc	1,500	0	1,500	24	1,500	38	0	0	Misc	0	0	0	229	229
Sub Total ==>	2,773	68	2,841	45	2,273	57			Sub Total ==>	0	0	0	0	0
Ceiling Load														
Ceiling Load	322	-322	0	0	322	8	0	0	Ceiling Load	-82	0	0	0	0
Ventilation Load	0	0	0	0	0	0	0	0	Ventilation Load	0	0	0	0	0
Dehumid. Ov Sizing			0	0			0	0	Ov/Undr Sizing	0	0	0	0	0
Ov/Undr Sizing	0		0	0	0	0	0	0	Exhaust Heat	0	0	0	0	0
Exhaust Heat		0	0	0			0	0	OA Preheat Diff.		0	0	0	0
Sup. Fan Heat			0	0			0	0	RA Preheat Diff.		0	0	0	0
Ret. Fan Heat		0	0	0			0	0	Additional Reheat		0	0	0	0
Duct Heat Pkup		0	0	0			0	0	System Plenum Heat		-137	12	63.17	-11.56
Reheat at Design			0	0			0	0					2	
Grand Total ==>	4,478	1,902	6,380	100.00	3,978	100.00			Grand Total ==>	-534	-1,168	100.00		

AIRFLOWS		
	Cooling	Heating
Vent	0	0
Infil	0	0
Supply	229	229
MinStop/Rh	0	0
Return	229	229
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	430.28	
ft2/ton	189.96	
Btu/hr-ft2	63.17	-11.56
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	6.4	5.9	229	85.1	65.8	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
Total	0.5	6.4								

AREAS			
	Gross Total	Glass	
		ft2	(%)
Floor	101		
Part	0		
ExFlr	0		
Roof	101	0	0
Wall	221	0	0

HEATING COIL SELECTION				
	Capacity	Coil Airflow	Ent	
			MBh	Lvg
	MBh	cfm	F	F
Main Htg	-1.2	229	65.5	70.2
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
Total	-1.2			

Zone Checksums

By MATENO

ADMIN BELLMAN

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 Space Sens	Coil Peak Tot Sens	Percent Of Total						
Btu/h	Btu/h	Btu/h	(%)	Btu/h	(%)	Btu/h	Btu/h	(%)						
Envelope Loads														
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	2,660	2,660	48	0	0	0	0	0	-623	118	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	4	1	6	0	4	0	0	0	0	-2	-3	1		
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		
<i>Sub Total ==></i>	4	2,661	2,666	48	4	0	0	0	0	-2	-626	119		
Internal Loads														
Lights	273	68	341	6	273	10	0	0	0	0	0	0		
People	1,000	0	1,000	18	500	18	0	0	0	0	0	0		
Misc	1,500	0	1,500	27	1,500	54	0	0	0	0	0	0		
<i>Sub Total ==></i>	2,773	68	2,841	52	2,273	82	0	0	0	0	0	0		
Ceiling Load														
Ventilation Load	500	-500	0	0	500	18	0	0	0	-121	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		
<i>Grand Total ==></i>	3,277	2,229	5,507	100.00	2,777	100.00	0	0	0	-123	-526	100.00		

AIRFLOWS		
	Cooling	Heating
Vent	0	0
Infil	0	0
Supply	145	145
MinStop/Rh	0	0
Return	145	145
Exhaust	0	0
Rm Exh	0	0
Auxil	0	0

ENGINEERING CKS		
	Cooling	Heating
% OA	0.0	0.0
cfm/ft2	0.97	0.97
cfm/ton	316.78	
ft2/ton	326.86	
Btu/hr-ft2	36.71	-3.51
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	5.5	5.0	145	85.5	65.9	66.8	57.4	53.4	56.0
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
Total	0.5	5.5								

AREAS			
	Gross Total	Glass	
		ft2	(%)
Floor	150		
Part	0		
ExFlr	0		
Roof	150	0	0
Wall	1	0	0

HEATING COIL SELECTION				
	Capacity	Coil Airflow	Ent Lvg	
			MBh	F
Main Htg	-0.5	145	65.5	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
Total	-0.5			

Zone Checksums

By MATENO

ADMIN CREDIT MAN

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 Space Sens	Coil Peak Tot Sens	Percent Of Total						
Btu/h	Btu/h	Btu/h	(%)	Btu/h	(%)	Btu/h	Btu/h	(%)						
Envelope Loads														
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	4,823	4,823	56	0	0	0	0	0	-1,129	94	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	753	231	984	11	753	19	0	0	0	-360	-487	40		
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		
<i>Sub Total ==></i>	753	5,054	5,807	67	753	19	0	0	0	-360	-1,616	134		
Internal Loads														
Lights	273	68	341	4	273	7	0	0	0	0	0	0		
People	1,000	0	1,000	12	500	13	0	0	0	0	0	0		
Misc	1,500	0	1,500	17	1,500	38	0	0	0	0	0	0		
<i>Sub Total ==></i>	2,773	68	2,841	33	2,273	58	0	0	0	0	0	0		
Ceiling Load														
Ventilation Load	907	-907	0	0	907	23	-220	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		
<i>Grand Total ==></i>	4,433	4,216	8,649	100.00	3,933	100.00	-580	-1,205	100.00					

AIRFLOWS		
	Cooling	Heating
Vent	0	0
Infil	0	0
Supply	226	226
MinStop/Rh	0	0
Return	226	226
Exhaust	0	0
Rm Exh	0	0
Auxil	0	0

ENGINEERING CKS		
	Cooling	Heating
% OA	0.0	0.0
cfm/ft2	0.83	0.83
cfm/ton	313.00	
ft2/ton	377.40	
Btu/hr-ft2	31.80	-4.43
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	0.7	8.7	8.2	226	85.5	65.9	66.8	58.9	53.2	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
Total	0.7	8.7								

AREAS			
	Gross Total	Glass	
		ft2	(%)
Floor	272		
Part	0		
ExFlr	0		
Roof	272	0	0
Wall	176	0	0

HEATING COIL SELECTION				
	Capacity	Coil Airflow	Ent	
			MBh	Lvg
	MBh	cfm	F	F
Main Htg	-1.2	226	65.5	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
Total	-1.2			

Zone Checksums

By MATENO

ADMIN FIRE CON

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	59.0	70.2			
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	Return	Ret/OA	Fn MtrTD	Fn BldTD	Fn Frict
Btu/h	Btu/h	Btu/h	(%)	Btu/h	(%)	Btu/h	Btu/h	(%)	Btu/h	Btu/h	(%)	Btu/h	Btu/h	Btu/h	Btu/h	Btu/h
Envelope Loads																
Skylite Solar	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
Roof Cond	0	1,688	1,688	26	0	0	0	0	0	-419	36	0	0	0	0	0
Glass Solar	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
Wall Cond	1,383	468	1,851	29	1,383	35	0	0	-452	-611	52	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
Sub Total ==>	1,383	2,156	3,539	55	1,383	35	0	0	-452	-1,031	88	0	0	0	0	0
Internal Loads																
Lights	273	68	341	5	273	7	0	0	0	0	0	0	0	0	0	0
People	1,000	0	1,000	16	500	13	0	0	0	0	0	0	0	0	0	0
Misc	1,500	0	1,500	24	1,500	38	0	0	0	0	0	0	0	0	0	0
Sub Total ==>	2,773	68	2,841	45	2,273	57	0	0	0	0	0	0	0	0	0	0
Ceiling Load																
Ventilation Load	322	-322	0	0	322	8	0	0	-82	0	0	0	0	0	0	0
Dehumid. Ov Sizing	0	0	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	0	0
Exhaust Heat	0	0	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	0	0
Ret. Fan Heat	0	0	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	0	0
Reheat at Design	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grand Total ==>	4,478	1,902	6,380	100.00	3,978	100.00	0	0	-534	-1,168	100.00	0	0	0	0	0

AIRFLOWS		
	Cooling	Heating
Vent	0	0
Infil	0	0
Supply	229	229
MinStop/Rh	0	0
Return	229	229
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	430.28	
ft2/ton	189.96	
Btu/hr-ft2	63.17	-11.56
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	6.4	5.9	229	85.1	65.8	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
Total	0.5	6.4								

AREAS			
	Gross Total	Glass	
		ft2	(%)
Floor	101		
Part	0		
ExFlr	0		
Roof	101	0	0
Wall	221	0	0

HEATING COIL SELECTION				
	Capacity	Coil Airflow	Ent	Lvg
Main Htg	-1.2	229	65.5	70.2
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
Total	-1.2			

Zone Checksums

By MATENO

ADMIN MAIL

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 Space Sens	Coil Peak Tot Sens	Percent Of Total						
Btu/h	Btu/h	Btu/h	(%)	Btu/h	(%)	Btu/h	Btu/h	(%)						
Envelope Loads														
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	1,419	1,419	30	0	0	0	0	0	-332	49	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	376	115	492	10	376	13	0	0	0	-180	-243	36		
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		
<i>Sub Total ==></i>	377	1,534	1,911	40	377	13	0	0	0	-180	-576	85		
Internal Loads														
Lights	273	68	341	7	273	9	0	0	0	0	0	0		
People	1,000	0	1,000	21	500	17	0	0	0	0	0	0		
Misc	1,500	0	1,500	32	1,500	51	0	0	0	0	0	0		
<i>Sub Total ==></i>	2,773	68	2,841	60	2,273	78	0	0	0	0	0	0		
Ceiling Load														
Ventilation Load	267	-267	0	0	267	9	-65	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		
<i>Grand Total ==></i>	3,416	1,336	4,752	100.00	2,916	100.00	-245	-674	100.00					

AIRFLOWS		
	Cooling	Heating
Vent	0	0
Infil	0	0
Supply	155	155
MinStop/Rh	0	0
Return	155	155
Exhaust	0	0
Rm Exh	0	0
Auxil	0	0

ENGINEERING CKS		
	Cooling	Heating
% OA	0.0	0.0
cfm/ft2	1.94	1.94
cfm/ton	391.14	
ft2/ton	202.02	
Btu/hr-ft2	59.40	-8.42
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	4.8	4.3	155	85.5	65.9	66.8	57.6	55.9	66.1
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
Total	0.4	4.8								

AREAS			
	Gross Total	Glass	
		ft2	(%)
Floor	80		
Part	0		
ExFlr	0		
Roof	80	0	0
Wall	88	0	0

HEATING COIL SELECTION				
	Capacity	Coil Airflow	Ent	
			MBh	Lvg
		cfm	F	F
Main Htg	-0.7	155	65.5	69.5
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
Total	-0.7			

Zone Checksums

By MATENO

ADMIN OFFICE MAN

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 Space Sens	Coil Peak Tot Sens	Percent Of Total						
+ Lat.	+ Lat	Btu/h	(%)	Btu/h	(%)	Btu/h	Btu/h	(%)						
Btu/h	Btu/h			Btu/h		Btu/h	Btu/h							
Envelope Loads													Environ	
Skylite Solar	0	0	0	0	0	0	0	0	SADB		58.1	69.9		
Skylite Cond	0	0	0	0	0	0	0	0	Plenum		85.5	65.5		
Roof Cond	0	2,128	2,128	37	0	0	0	0	Return		85.5	65.5		
Glass Solar	0	0	0	0	0	0	0	0	Ret/OA		85.5	65.5		
Glass Cond	0	0	0	0	0	0	0	0	Fn MtrTD		0.0	0.0		
Wall Cond	565	173	738	13	565	17	-270	-365	43	Fn BldTD		0.0	0.0	
Partition	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					
Infiltration	0	0	0	0	0	0	0	0	0					
<i>Sub Total ==></i>	565	2,301	2,866	50	565	17	-270	-863	101					
Internal Loads														
Lights	273	68	341	6	273	8	0	0	0					
People	1,000		1,000	18	500	15	0	0	0					
Misc	1,500	0	1,500	26	1,500	46	0	0	0					
<i>Sub Total ==></i>	2,773	68	2,841	50	2,273	70	0	0	0					
Ceiling Load														
Ventilation Load	400	-400	0	0	400	12	-97	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	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 ==></i>	3,738	1,969	5,707	100.00	3,238	100.00	-367	-857	100.00					

AIRFLOWS		
	Cooling	Heating
Vent	0	0
Infil	0	0
Supply	177	177
MinStop/Rh	0	0
Return	177	177
Exhaust	0	0
Rm Exh	0	0
Auxil	0	0

ENGINEERING CKS		
	Cooling	Heating
% OA	0.0	0.0
cfm/ft2	1.47	1.47
cfm/ton	372.00	
ft2/ton	252.31	
Btu/hr-ft2	47.56	-7.14
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	5.7	5.2	177	85.5	65.9	66.8	58.1	55.4	63.0
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
Total	0.5	5.7								

AREAS			
	Gross Total	Glass	
		ft2	(%)
Floor	120		
Part	0		
ExFlr	0		
Roof	120	0	0
Wall	132	0	0

HEATING COIL SELECTION				
	Capacity	Coil Airflow	Ent	
			MBh	Lvg
		cfm	F	F
Main Htg	-0.9	177	65.5	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
Total	-0.9			

Zone Checksums

By MATENO

ADMIN RECEP

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	59.0	70.1	
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
Envelope Loads														
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	85.5	65.5	65.5
Roof Cond	0	6,632	6,632	66	0	0	0	134	0	-1,553	0	85.5	65.5	65.5
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	461	141	603	6	461	12	-221	26	-221	-298	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
Sub Total ==>	461	6,773	7,235	72	461	12	-221	160	-221	-1,851	160			
Internal Loads														
Lights	273	68	341	3	273	7	0	0	0	0	0	0	0	0
People	1,000		1,000	10	500	13	0	0	0	0	0	0	0	0
Misc	1,500	0	1,500	15	1,500	38	0	0	0	0	0	0	0	0
Sub Total ==>	2,773	68	2,841	28	2,273	57	0	0	0	0	0			
Ceiling Load														
Ventilation Load	1,247	-1,247	0	0	1,247	31	-303	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			
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			694	-60						
Grand Total ==>	4,481	5,595	10,076	100.00	3,981	100.00	-523	-1,157	100.00					

AIRFLOWS		
	Cooling	Heating
Vent	0	0
Infil	0	0
Supply	229	229
MinStop/Rh	0	0
Return	229	229
Exhaust	0	0
Rm Exh	0	0
Auxil	0	0

ENGINEERING CKS		
	Cooling	Heating
% OA	0.0	0.0
cfm/ft2	0.61	0.61
cfm/ton	272.69	
ft2/ton	445.41	
Btu/hr-ft2	26.94	-3.09
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	10.1	9.6	229	85.5	65.9	66.8	59.0	51.0	44.7
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
Total	0.8	10.1								

AREAS			
	Gross Total	Glass	
		ft2	(%)
Floor	374		
Part	0		
ExFlr	0		
Roof	374	0	0
Wall	108	0	0

HEATING COIL SELECTION				
	Capacity	Coil Airflow	Ent	
			MBh	Lvg
	MBh	cfm	F	F
Main Htg	-1.2	229	65.5	70.1
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
Total	-1.2			

Zone Checksums

By MATENO

ADMIN SECRETARY

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 Space Sens	Coil Peak Tot Sens	Percent Of Total								
Btu/h	Btu/h	Btu/h	(%)	Btu/h	(%)	Btu/h	Btu/h	(%)								
Envelope Loads					Envelope Loads			Envelope Loads				AIRFLOWS				
Skylite Solar	0	0	0	0	0	0	Skylite Solar	0	0	0	Skylite Solar	0	0	COOLING		
Skylite Cond	0	0	0	0	0	0	Skylite Cond	0	0	0	Skylite Cond	0	0	HEATING		
Roof Cond	0	2,660	2,660	48	0	0	Roof Cond	0	-623	118	Roof Cond	0	0	Vent	0	0
Glass Solar	0	0	0	0	0	0	Glass Solar	0	0	0	Glass Solar	0	0	Infil	0	0
Glass Cond	0	0	0	0	0	0	Glass Cond	0	0	0	Glass Cond	0	0	Supply	145	145
Wall Cond	4	1	6	0	4	0	Wall Cond	-2	-3	1	Wall Cond	-2	-3	MinStop/Rh	0	0
Partition	0	0	0	0	0	0	Partition	0	0	0	Partition	0	0	Return	145	145
Exposed Floor	0	0	0	0	0	0	Exposed Floor	0	0	0	Exposed Floor	0	0	Exhaust	0	0
Infiltration	0	0	0	0	0	0	Infiltration	0	0	0	Infiltration	0	0	Rm Exh	0	0
Sub Total ==>	4	2,661	2,666	48	4	0	Sub Total ==>	-2	-626	119	Sub Total ==>	0	0	Auxil	0	0
Internal Loads					Internal Loads			Internal Loads				ENGINEERING CKS				
Lights	273	68	341	6	273	10	Lights	0	0	0	Lights	0	0	% OA	0.0	0.0
People	1,000	0	1,000	18	500	18	People	0	0	0	People	0	0	cfm/ft2	0.97	0.97
Misc	1,500	0	1,500	27	1,500	54	Misc	0	0	0	Misc	0	0	cfm/ton	316.78	
Sub Total ==>	2,773	68	2,841	52	2,273	82	Sub Total ==>	0	0	0	Sub Total ==>	0	0	ft2/ton	326.86	
Ceiling Load					Ceiling Load			Ceiling Load				Btu/hr-ft2				
Ventilation Load	500	-500	0	0	500	18	Ventilation Load	-121	0	0	Ventilation Load	-121	0	No. People	2	
Dehumid. Ov Sizing	0	0	0	0	0	0	Dehumid. Ov Sizing	0	0	0	Dehumid. Ov Sizing	0	0			
Ov/Undr Sizing	0	0	0	0	0	0	Ov/Undr Sizing	0	0	0	Ov/Undr Sizing	0	0			
Exhaust Heat	0	0	0	0	0	0	Exhaust Heat	0	0	0	Exhaust Heat	0	0			
Sup. Fan Heat	0	0	0	0	0	0	Sup. Fan Heat	0	0	0	Sup. Fan Heat	0	0			
Ret. Fan Heat	0	0	0	0	0	0	Ret. Fan Heat	0	0	0	Ret. Fan Heat	0	0			
Duct Heat Pkup	0	0	0	0	0	0	Duct Heat Pkup	0	0	0	Duct Heat Pkup	0	0			
Reheat at Design	0	0	0	0	0	0	Reheat at Design	0	0	0	Reheat at Design	0	0			
Grand Total ==>	3,277	2,229	5,507	100.00	2,777	100.00	Grand Total ==>	-123	-526	100.00	Grand Total ==>	-123	-526			

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	ft2	(%)	MBh	cfm	F	F				
Main Clg	0.5	5.5	5.0	145	85.5	65.9	66.8	57.4	53.4	56.0	Floor	150		Main Htg	-0.5	145	65.5	68.8	
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	0.5	5.5									Roof	150	0	0	Humidif	0.0	0	0.0	0.0
											Wall	1	0	0	Opt Vent	0.0	0	0.0	0.0
											Total				Total	-0.5			

Zone Checksums

By MATENO

ENTRY SIDE WALK

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. + 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								
Envelope Loads												Environ			
Skylite Solar	0	0	0	0	0	0	0	0	SADB		55.3	69.9			
Skylite Cond	0	0	0	0	0	0	0	0	Plenum		85.5	65.5			
Roof Cond	0	0	0	0	0	0	0	0	Return		85.5	65.5			
Glass Solar	0	0	0	0	0	0	0	0	Ret/OA		85.5	65.5			
Glass Cond	0	0	0	0	0	0	0	0	Fn MtrTD		0.0	0.0			
Wall Cond	0	0	0	0	0	0	0	0	Fn BldTD		0.0	0.0			
Partition	0	0	0	0	0	0	0	0	Fn Frict		0.0	0.0			
Exposed Floor	0	0	0	0	0	0	0	0							
Infiltration	0	0	0	0	0	0	0	0							
Sub Total ==>	0	0	0	0	0	0	0	0							
Internal Loads												AIRFLOWS			
Lights	1,365	341	1,707	46	1,365	35	Lights	0	0	0	Cooling				
People	2,000		2,000	54	1,000	26	People	0	0	0	Heating				
Misc	0	0	0	0	0	0	Misc	0	0	0	Vent	0	0		
Sub Total ==>	3,365	341	3,707	100	2,365	61	Sub Total ==>	0	0	0	Infil	0	0		
Ceiling Load												Supply		182	182
Ventilation Load	0	0	0	0	0	0	Ventilation Load	0	0	0	MinStop/Rh		0	0	
Dehumid. Ov Sizing	0	0	0	0	0	0	Ov/Undr Sizing	0	0	0	Return		182	182	
Ov/Undr Sizing	0	0	0	0	0	0	Exhaust Heat	0	0	0	Exhaust		0	0	
Exhaust Heat		0	0	0			OA Preheat Diff.	0	0	0	Rm Exh		0	0	
Sup. Fan Heat		0	0	0			RA Preheat Diff.	0	0	0	Auxil		0	0	
Ret. Fan Heat		0	0	0			Additional Reheat								
Duct Heat Pkup		0	0	0			System Plenum Heat			-876	100				
Reheat at Design		0	0	0											
Grand Total ==>	4,898	-1,191	3,707	100.00	3,898	100.00	Grand Total ==>	-372	-877	100.00					

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			
Main Clg	0.3	3.7	2.7	182	85.5	65.9	66.8	55.3	55.2	66.8	Floor	460					
Aux Clg	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	Part	0					
Opt Vent	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	ExFlr	0					
Total	0.3	3.7									Roof	0	0	0			
											Wall	0	0	0			
											Main Htg	-0.9	182	65.5	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		
											Total	-0.9					