

Zone Checksums

By RLF

174-ENTRY/RECEPTION

COOLING COIL PEAK					CLG SPACE PEAK			HEATING COIL PEAK			TEMPERATURES		
Peaked at Time: Mo/Hr: 6 / 16					Mo/Hr: 6 / 18			Mo/Hr: Heating Design					
Outside Air: OADB/WB/HR: 94 / 75 / 99					OADB: 91			OADB: 38					
Space Sens. + Lat.	Plenum Sens. + Lat.	Net Total	Percent Of Total		Space Sensible	Percent Of Total		Space Peak	Coil Peak	Percent		Cooling	Heating
Btu/h	Btu/h	Btu/h	(%)		Btu/h	(%)		Space Sens	Tot Sens	Of Total			
Btu/h	Btu/h	Btu/h	(%)		Btu/h	(%)		Btu/h	Btu/h	(%)			
Envelope Loads					Envelope Loads								
Skylite Solar	0	0	0	0	0	0	0	0	0	0.00	SADB	55.1	70.0
Skylite Cond	0	0	0	0	0	0	0	0	0	0.00	Ra Plenum	81.1	59.4
Roof Cond	0	2,592	2,592	16	0	0	0	0	-634	6.01	Return	81.1	59.4
Glass Solar	3,773	0	3,773	23	3,980	31	0	0	0	0.00	Ret/OA	81.4	58.9
Glass/Door Cond	1,904	0	1,904	11	1,765	14	0	-2,989	-2,989	28.34	Fn MtrTD	0.0	0.0
Wall Cond	750	299	1,049	6	895	7	0	-1,078	-1,474	13.97	Fn BldTD	0.0	0.0
Partition/Door	2,504	0	2,504	15	2,504	20	0	-2,504	-2,504	23.74	Fn Frict	0.0	0.0
Floor	0	0	0	0	0.00	0	0	-306	-306	2.90			
Adjacent Floor	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00			
Infiltration	0	0	0	0	0	0	0	0	0	0.00			
Sub Total ==>	8,931	2,891	11,823	71	9,144	71	0	-6,877	-7,907	74.96			
Internal Loads					Internal Loads								
Lights	647	162	809	5	647	5	0	0	0	0.00	AIRFLOWS		
People	1,800	0	1,800	11	1,000	8	0	0	0	0.00		Cooling	Heating
Misc	1,618	0	1,618	10	1,618	13	0	0	0	0.00	Diffuser	580	174
Sub Total ==>	4,065	162	4,227	25	3,265	25	0	0	0	0.00	Terminal	580	174
											Main Fan	580	580
											Sec Fan	0	0
											Nom Vent	14	14
											AHU Vent	14	14
											Infil	0	0
											MinStop/Rh	174	174
											Return	580	580
											Exhaust	14	14
											Rm Exh	0	0
											Auxiliary	0	0
											Leakage Dwn	0	0
											Leakage Ups	0	0
											ENGINEERING CKS		
												Cooling	Heating
											% OA	2.5	2.5
											cfm/ft²	2.45	2.45
											cfm/ton	417.16	
											ft²/ton	170.58	
											Btu/hr-ft²	70.35	-44.51
											No. People	4	
Grand Total ==>	13,453	2,500	16,672	100.00	12,813	100.00	Grand Total ==>	-7,670	-10,548	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	°F	°F	gr/lb	gr/lb			ft²	(%)	MBh	cfm	°F	°F	
Main Clg	1.4	16.7	15.5	580	81.4	63.3	58.2	55.1	53.4	58.2	Floor	237	Main Htg	-10.6	0	0.0	0.0
Aux Clg	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	Part	311	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	Int Door	0	Preheat	0.0	0	0.0	0.0
											ExFlr	19	Reheat	-2.9	174	55.1	70.0
											Roof	237	Humidif	0.0	0	0.0	0.0
											Wall	230	Opt Vent	0.0	0	0.0	0.0
Total	1.4	16.7									Ext Door	0	Total	-10.6			

By RLF

COOLING COIL PEAK					CLG SPACE PEAK		HEATING COIL PEAK			TEMPERATURES					
Peaked at Time:		Mo/Hr: 6 / 17			Mo/Hr: 6 / 19		Mo/Hr: Heating Design			Cooling		Heating			
Outside Air:		OADB/WB/HR: 93 / 75 / 101			OADB: 88		OADB: 38			SADB	55.1	70.0			
Space		Plenum	Net	Percent	Space	Percent	Space Peak	Coil Peak	Percent	Ra Plenum	80.9	59.4			
Sens. + Lat.		Sens. + Lat	Total	Of Total	Sensible	Of Total	Space Sens	Tot Sens	Of Total	Return	80.9	59.4			
Btu/h		Btu/h	Btu/h	(%)	Btu/h	(%)	Btu/h	Btu/h	(%)	Ret/OA	81.5	58.5			
Envelope Loads					Envelope Loads					Fn MtrTD			0.0	0.0	
S Skylite Solar		0	0	0	0	0	S Skylite Solar		0	0	0.00	Fn BldTD		0.0	0.0
S Skylite Cond		0	0	0	0	0	S Skylite Cond		0	0	0.00	Fn Frict		0.0	0.0
R Roof Cond		0	1,618	1,618	23	0	R Roof Cond		0	-420	9.08				
G Glass Solar		0	0	0	0	0	G Glass Solar		0	0	0.00				
G Glass/Door Cond		183	0	183	3	154	G Glass/Door Cond		-305	-305	6.60				
W Wall Cond		1,135	260	1,395	20	1,325	W Wall Cond		-1,484	-1,784	38.59				
P Partition/Door		1,020		1,020	14	1,020	P Partition/Door		-1,020	-1,020	22.05				
F Floor		0		0	0	0.00	F Floor		-232	-232	5.02				
A Adjacent Floor		0.00	0.00	0.00	0.00	0.00	A Adjacent Floor		0.00	0.00	0.00				
I Infiltration		0		0	0	0	I Infiltration		0	0	0.00				
Sub Total ==>		2,338	1,878	4,215	59	2,499	Sub Total ==>		-3,041	-3,761	81.34				
Internal Loads					Internal Loads										
L Lights		429	107	536	8	429	L Lights		0	0	0.00				
P People		900	0	900	13	500	P People		0	0	0.00				
M Misc		1,072	0	1,072	15	1,072	M Misc		0	0	0.00				
Sub Total ==>		2,400	107	2,508	35	2,000	Sub Total ==>		0	0	0.00				
Ceiling Load		295	-295	0	0	211	Ceiling Load		-525	0	0.00				
Ventilation Load		0	0	475	7	0	Ventilation Load		0	-335	7.24				
Adj Air Trans Heat		0		0	0	0	Adj Air Trans Heat		0	0	0				
Dehumid. Ov Sizing				0	0		Ov/Undr Sizing		0	0	0.00				
Ov/Undr Sizing		0		0	0	0	Exhaust Heat			111	-2.39				
Exhaust Heat			-62	-62	-1		OA Preheat Diff.			0	0.00				
Sup. Fan Heat				0	0		RA Preheat Diff.			0	0.00				
Ret. Fan Heat			0	0	0		Additional Reheat			-803	17.36				
Duct Heat Pkup			0	0	0		System Plenum Heat			164	-3.55				
Underflr Sup Ht Pkup				0	0		Underflr Sup Ht Pkup			0	0.00				
Supply Air Leakage			0	0	0		Supply Air Leakage			0	0.00				
Grand Total ==>		5,033	1,628	7,136	100.00	4,710	Grand Total ==>		-3,566	-4,624	100.00				

AIRFLOWS		
	Cooling	Heating
Diffuser	213	64
Terminal	213	64
Main Fan	213	213
Sec Fan	0	0
Nom Vent	9	9
AHU Vent	9	9
Infil	0	0
MinStop/Rh	64	64
Return	213	213
Exhaust	9	9
Rm Exh	0	0
Auxiliary	0	0
Leakage Dwn	0	0
Leakage Ups	0	0

ENGINEERING CKS		
	Cooling	Heating
% OA	4.4	4.4
cfm/ft²	1.36	1.36
cfm/ton	358.23	
ft²/ton	264.00	
Btu/hr·ft²	45.45	-29.45
No. People	2	

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	0.6	7.1	6.5	213	81.5	63.5	59.1	55.1	52.0	53.0	Floor	157			Main Htg	-4.6	0	0.0	0.0	
Aux Clg	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	Part	127			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	Int Door	0			Preheat	0.0	0	0.0	0.0	
											ExFlr	15			Reheat	-1.1	64	55.1	70.0	
Total	0.6	7.1									Roof	157	0	0	Humidif	0.0	0	0.0	0.0	
											Wall	150	0	0	Opt Vent	0.0	0	0.0	0.0	
											Ext Door	24	0	0	Total	-4.6				

Zone Checksums

By RLF

174F-CORRIDOR

COOLING COIL PEAK					CLG SPACE PEAK			HEATING COIL PEAK				TEMPERATURES				
Peaked at Time: Mo/Hr: 8 / 16					Mo/Hr: 6 / 16			Mo/Hr: Heating Design				Cooling			Heating	
Outside Air: OADB/WB/HR: 93 / 77 / 118					OADB: 94			OADB: 38				SADB			55.1	70.0
												Ra Plenum			79.9	59.4
												Return			79.9	59.4
												Ret/OA			80.8	58.0
												Fn MtrTD			0.0	0.0
												Fn BldTD			0.0	0.0
												Fn Frict			0.0	0.0

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	0.7	8.7	8.0	243	80.8	63.7	61.2	55.1	51.4	50.6	Floor	264			Main Htg	-6.2	0	0.0	0.0
Aux Clg	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	Part	513			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	Int Door	0			Preheat	0.0	0	0.0	0.0
											ExFlr	0			Reheat	-1.2	73	55.1	70.0
Total	0.7	8.7									Roof	264	0	0	Humidif	0.0	0	0.0	0.0
											Wall	0	0	0	Opt Vent	0.0	0	0.0	0.0
											Ext Door	0	0	0	Total	-6.2			

Zone Checksums

By RLF

175A-OFFICE

COOLING COIL PEAK					CLG SPACE PEAK			HEATING COIL PEAK				TEMPERATURES						
Peaked at Time: Mo/Hr: 8 / 15					Mo/Hr: 6 / 16			Mo/Hr: Heating Design				Cooling			Heating			
Outside Air: OADB/WB/HR: 93 / 77 / 114					OADB: 94			OADB: 38				SADB			55.1	70.0		
Space		Plenum	Net	Percent	Space		Coil Peak		Percent				Ra Plenum		79.7	59.4		
Sens. + Lat.		Sens. + Lat	Total	Of Total	Sensible		Tot Sens		Of Total				Return		79.7	59.4		
Btu/h		Btu/h	Btu/h	(%)	Btu/h		Btu/h		(%)				Ret/OA		80.4	58.3		
Envelope Loads					Envelope Loads								Fn MtrTD		0.0	0.0		
Skylite Solar	0	0	0	0	0	0	Skylite Solar	0	0	0.00				Fn BldTD		0.0	0.0	
Skylite Cond	0	0	0	0	0	0	Skylite Cond	0	0	0.00				Fn Frict		0.0	0.0	
Roof Cond	0	873	873	28	0	0	Roof Cond	0	-214	14.91								
Glass Solar	0	0	0	0	0	0	Glass Solar	0	0	0.00								
Glass/Door Cond	0	0	0	0	0	0	Glass/Door Cond	0	0	0.00								
Wall Cond	0	0	0	0	0	0	Wall Cond	0	0	0.00								
Partition/Door	739		739	23	739	39	Partition/Door	-739	-739	51.48								
Floor	0		0	0	0.00	0	Floor	0	0	0.00								
Adjacent Floor	0.00	0.00	0.00	0.00	0.00	0.00	Adjacent Floor	0.00	0.00	0.00								
Infiltration	0		0	0	0	0	Infiltration	0	0	0.00								
Sub Total ==>	739	873	1,612	51	739	39	Sub Total ==>	-739	-953	66.39								
Internal Loads					Internal Loads								AIRFLOWS					
Lights	218	55	273	9	218	11	Lights	0	0	0.00				Cooling		Heating		
People	450	0	450	14	250	13	People	0	0	0.00				Diffuser		86	26	
Misc	546	0	546	17	546	29	Misc	0	0	0.00				Terminal		86	26	
Sub Total ==>	1,215	55	1,269	40	1,015	53	Sub Total ==>	0	0	0.00				Main Fan		86	86	
Ceiling Load	119	-119	0	0	154	8	Ceiling Load	-268	0	0.00				Sec Fan		0	0	
Ventilation Load	0	0	287	9	0	0	Ventilation Load	0	-171	11.89				Nom Vent		5	5	
Adj Air Trans Heat	0		0	0	0	0	Adj Air Trans Heat	0	0	0				AHU Vent		5	5	
Dehumid. Ov Sizing			0	0			Ov/Undr Sizing	0	0	0.00				Infil		0	0	
Ov/Undr Sizing	0		0	0	0	0	Exhaust Heat		56	-3.92				MinStop/Rh		26	26	
Exhaust Heat		-25	-25	-1			OA Preheat Diff.		0	0.00				Return		86	86	
Sup. Fan Heat			0	0			RA Preheat Diff.		0	0.00				Exhaust		5	5	
Ret. Fan Heat		0	0	0			Additional Reheat		-302	21.03				Rm Exh		0	0	
Duct Heat Pkup		0	0	0			System Plenum Heat		-66	4.61				Auxiliary		0	0	
Underflr Sup Ht Pkup			0	0			Underflr Sup Ht Pkup		0	0.00				Leakage Dwn		0	0	
Supply Air Leakage		0	0	0			Supply Air Leakage		0	0.00				Leakage Ups		0	0	
Grand Total ==>	2,072	784	3,143	100.00	1,907	100.00	Grand Total ==>	-1,006	-1,435	100.00				ENGINEERING CKS				
													% OA			5.6	5.6	
													cfm/ft²			1.08	1.08	
													cfm/ton			329.39		
													ft²/ton			305.42		
													Btu/hr-ft²			39.29	-17.93	
													No. People			1		

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	0.3	3.1	2.8	86	80.4	63.4	60.4	55.1	50.8	48.5	Floor	80			Main Htg	-1.4	0	0.0	0.0
Aux Clg	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	Part	92			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	Int Door	0			Preheat	0.0	0	0.0	0.0
											ExFlr	0			Reheat	-0.4	26	55.1	70.0
Total	0.3	3.1									Roof	80	0	0	Humidif	0.0	0	0.0	0.0
											Wall	0	0	0	Opt Vent	0.0	0	0.0	0.0
											Ext Door	0	0	0	Total	-1.4			

Zone Checksums

By RLF

175B-OFFICE

COOLING COIL PEAK					CLG SPACE PEAK			HEATING COIL PEAK				TEMPERATURES				
Peaked at Time: Mo/Hr: 8 / 15					Mo/Hr: 6 / 16			Mo/Hr: Heating Design				Cooling			Heating	
Outside Air: OADB/WB/HR: 93 / 77 / 114					OADB: 94			OADB: 38				SADB			55.1	70.0
												Ra Plenum			79.7	59.4
												Return			79.7	59.4
												Ret/OA			80.4	58.2
												Fn MtrTD			0.0	0.0
												Fn BldTD			0.0	0.0
												Fn Frict			0.0	0.0

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	0.3	3.1	2.8	86	80.4	63.4	60.4	55.1	50.8	48.5	Floor	80			Main Htg	-1.4	0	0.0	0.0
Aux Clg	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	Part	91			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	Int Door	0			Preheat	0.0	0	0.0	0.0
											ExFlr	0			Reheat	-0.4	26	55.1	70.0
Total	0.3	3.1									Roof	80	0	0	Humidif	0.0	0	0.0	0.0
											Wall	0	0	0	Opt Vent	0.0	0	0.0	0.0
											Ext Door	0	0	0	Total	-1.4			

Zone Checksums

By RLF

175C-OFFICE

COOLING COIL PEAK					CLG SPACE PEAK			HEATING COIL PEAK				TEMPERATURES		
Peaked at Time: Mo/Hr: 8 / 15					Mo/Hr: 6 / 16			Mo/Hr: Heating Design						
Outside Air: OADB/WB/HR: 93 / 77 / 114					OADB: 94			OADB: 38						
Space Sens. + Lat.	Plenum Sens. + Lat	Net Total	Percent Of Total		Space Sensible	Percent Of Total		Space Peak	Coil Peak	Percent		Cooling	Heating	
Btu/h	Btu/h	Btu/h	(%)		Btu/h	(%)		Space Sens	Tot Sens	Of Total				
Btu/h	Btu/h	Btu/h	(%)		Btu/h	(%)		Btu/h	Btu/h	(%)				
Envelope Loads								Envelope Loads						
Skylite Solar	0	0	0	0	0	0	0	0	0	0.00	0	55.1	70.0	SADB
Skylite Cond	0	0	0	0	0	0	0	0	0	0.00	0	79.7	59.4	Ra Plenum
Roof Cond	0	873	873	28	0	0	0	0	-214	14.91	0	79.7	59.4	Return
Glass Solar	0	0	0	0	0	0	0	0	0	0.00	0	80.4	58.3	Ret/OA
Glass/Door Cond	0	0	0	0	0	0	0	0	0	0.00	0	0.0	0.0	Fn MtrTD
Wall Cond	0	0	0	0	0	0	0	0	0	0.00	0	0.0	0.0	Fn BldTD
Partition/Door	739	739	23	39	739	39	39	-739	-739	51.48	0	0.0	0.0	Fn Frict
Floor	0	0	0	0	0.00	0	0	0	0	0.00	0	0.0	0.0	
Adjacent Floor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0.0	
Infiltration	0	0	0	0	0	0	0	0	0	0.00	0	0.0	0.0	
Sub Total ==>	739	873	1,612	51	739	39	39	-739	-953	66.39	0	0.0	0.0	
Internal Loads								Internal Loads						
Lights	218	55	273	9	218	11	11	0	0	0.00	0	86	26	Diffuser
People	450	0	450	14	250	13	13	0	0	0.00	0	86	26	Terminal
Misc	546	0	546	17	546	29	29	0	0	0.00	0	86	86	Main Fan
Sub Total ==>	1,215	55	1,269	40	1,015	53	53	0	0	0.00	0	0	0	Sec Fan
Ceiling Load	119	-119	0	0	154	8	8	-268	0	0.00	0	5	5	Nom Vent
Ventilation Load	0	0	287	9	0	0	0	0	-171	11.89	0	5	5	AHU Vent
Adj Air Trans Heat	0	0	0	0	0	0	0	0	0	0	0	0	0	Infil
Dehumid. Ov Sizing	0	0	0	0	0	0	0	0	0	0.00	0	26	26	MinStop/Rh
Ov/Undr Sizing	0	0	0	0	0	0	0	0	56	-3.92	0	86	86	Return
Exhaust Heat	0	-25	-25	-1	0	0	0	0	0	0.00	0	5	5	Exhaust
Sup. Fan Heat	0	0	0	0	0	0	0	0	0	0.00	0	0	0	Rm Exh
Ret. Fan Heat	0	0	0	0	0	0	0	0	0	0.00	0	0	0	Auxiliary
Duct Heat Pkup	0	0	0	0	0	0	0	0	0	0.00	0	0	0	Leakage Dwn
Underflr Sup Ht Pkup	0	0	0	0	0	0	0	0	0	0.00	0	0	0	Leakage Ups
Supply Air Leakage	0	0	0	0	0	0	0	0	0	0.00	0	0	0	
Grand Total ==>	2,072	784	3,143	100.00	1,907	100.00	100.00	-1,006	-1,435	100.00	0	0	0	

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	0.3	3.1	2.8	86	80.4	63.4	60.4	55.1	50.8	48.5	Floor	80			Main Htg	-1.4	0	0.0	0.0
Aux Clg	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	Part	92			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	Int Door	0			Preheat	0.0	0	0.0	0.0
											ExFlr	0			Reheat	-0.4	26	55.1	70.0
Total	0.3	3.1									Roof	80	0	0	Humidif	0.0	0	0.0	0.0
											Wall	0	0	0	Opt Vent	0.0	0	0.0	0.0
											Ext Door	0	0	0	Total	-1.4			

Zone Checksums

By RLF

175D-OFFICE

COOLING COIL PEAK					CLG SPACE PEAK			HEATING COIL PEAK			TEMPERATURES		
Peaked at Time: Mo/Hr: 8 / 15					Mo/Hr: 6 / 16			Mo/Hr: Heating Design					
Outside Air: OADB/WB/HR: 93 / 77 / 114					OADB: 94			OADB: 38					
Space Sens. + Lat. Btu/h	Plenum Sens. + Lat. Btu/h	Net Total Btu/h	Percent Of Total (%)		Space Sensible Btu/h	Percent Of Total (%)		Space Peak Space Sens Btu/h	Coil Peak Tot Sens Btu/h	Percent Of Total (%)		Cooling	Heating
Envelope Loads					Envelope Loads								
Skylite Solar	0	0	0	0	0	0	0	0	0	0.00	SADB	55.1	70.0
Skylite Cond	0	0	0	0	0	0	0	0	0	0.00	Ra Plenum	79.7	59.4
Roof Cond	0	873	873	28	0	0	0	0	-214	14.91	Return	79.7	59.4
Glass Solar	0	0	0	0	0	0	0	0	0	0.00	Ret/OA	80.4	58.3
Glass/Door Cond	0	0	0	0	0	0	0	0	0	0.00	Fn MtrTD	0.0	0.0
Wall Cond	0	0	0	0	0	0	0	0	0	0.00	Fn BldTD	0.0	0.0
Partition/Door	739	739	23	0	739	39	0	-739	-739	51.48	Fn Frict	0.0	0.0
Floor	0	0	0	0	0.00	0	0	0	0	0.00			
Adjacent Floor	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00			
Infiltration	0	0	0	0	0	0	0	0	0	0.00			
Sub Total ==>	739	873	1,612	51	739	39	0	-739	-953	66.39			
Internal Loads					Internal Loads								
Lights	218	55	273	9	218	11	0	0	0	0.00	AIRFLOWS		
People	450	0	450	14	250	13	0	0	0	0.00	Cooling	Heating	
Misc	546	0	546	17	546	29	0	0	0	0.00	Diffuser	86	26
Sub Total ==>	1,215	55	1,269	40	1,015	53	0	0	0	0.00	Terminal	86	26
											Main Fan	86	86
											Sec Fan	0	0
											Nom Vent	5	5
											AHU Vent	5	5
											Infil	0	0
											MinStop/Rh	26	26
											Return	86	86
											Exhaust	5	5
											Rm Exh	0	0
											Auxiliary	0	0
											Leakage Dwn	0	0
											Leakage Ups	0	0
											ENGINEERING CKS		
											Cooling	Heating	
											% OA	5.6	5.6
											cfm/ft²	1.08	1.08
											cfm/ton	329.39	
											ft²/ton	305.42	
											Btu/hr-ft²	39.29	-17.93
											No. People	1	
Grand Total ==>	2,072	784	3,143	100.00	1,907	100.00	Grand Total ==>	-1,006	-1,435	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	MBh	cfm	°F	°F	gr/lb	°F	°F	gr/lb			ft²	(%)	MBh	cfm	°F	°F	
Main Clg	0.3	3.1	2.8	86	80.4	63.4	60.4	55.1	50.8	48.5	Floor	80			Main Htg	-1.4	0	0.0	0.0
Aux Clg	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	Part	92			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	Int Door	0			Preheat	0.0	0	0.0	0.0
											ExFlr	0			Reheat	-0.4	26	55.1	70.0
Total	0.3	3.1									Roof	80	0	0	Humidif	0.0	0	0.0	0.0
											Wall	0	0	0	Opt Vent	0.0	0	0.0	0.0
											Ext Door	0	0	0	Total	-1.4			

Zone Checksums

By RLF

175-ELEC

COOLING COIL PEAK					CLG SPACE PEAK			HEATING COIL PEAK			TEMPERATURES			
Peaked at Time:		Mo/Hr: 6 / 18			Mo/Hr: 6 / 19		Mo/Hr: Heating Design			Cooling			Heating	
Outside Air:		OADB/WB/HR: 91 / 74 / 100			OADB: 88		OADB: 38			SADB			55.1	70.0
										Ra Plenum			80.4	59.4
										Return			80.4	59.4
										Ret/OA			80.7	58.7
										Fn MtrTD			0.0	0.0
										Fn BldTD			0.0	0.0
										Fn Frict			0.0	0.0

AIRFLOWS		
	Cooling	Heating
Diffuser	82	25
Terminal	82	25
Main Fan	82	82
Sec Fan	0	0
Nom Vent	3	3
AHU Vent	3	3
Infil	0	0
MinStop/Rh	25	25
Return	82	82
Exhaust	3	3
Rm Exh	0	0
Auxiliary	0	0
Leakage Dwn	0	0
Leakage Ups	0	0

ENGINEERING CKS		
	Cooling	Heating
% OA	3.4	3.4
cfm/ft²	1.78	1.78
cfm/ton	413.66	
ft²/ton	232.97	
Btu/hr-ft²	51.51	-61.21
No. People	0	

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	0.2	2.4	2.3	82	80.7	63.1	58.6	55.1	53.2	57.8	Floor	46		Main Htg	-2.8	0	0.0	0.0
Aux Clg	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	Part	128		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	Int Door	0		Preheat	0.0	0	0.0	0.0
											ExFlr	5		Reheat	-0.4	25	55.1	70.0
Total	0.2	2.4									Roof	46	0	Humidif	0.0	0	0.0	0.0
											Wall	47	0	Opt Vent	0.0	0	0.0	0.0
											Ext Door	0	0	Total	-2.8			