By RLF

100 LOBBY

	COOLING C	OIL PEAK			CLG SPACE	PEAK		HEATING CO	IL PEAK	
	d at Time: utside Air:	Mo/F OADB/WB/HI	lr: 10 / 14 R: 82 / 72 / 1	02	Mo/Hr: OADB:			Mo/Hr: He OADB: 38	eating Design	
	Space Sens. + Lat.	Plenum Sens. + Lat	Net Total	Percent Of Total	Space Sensible	Percent Of Total	· · · · · · · · · · · · · · · · · · ·	Space Peak Space Sens	Coil Peak Tot Sens	I
	Btu/h	Btu/h	Btu/h	(%)	Btu/h	(%)		Btu/h	Btu/h	(%)
Envelope Loads							Envelope Loads			
Skylite Solar	0	0	0	0	0	0	Skylite Solar	0	0	0.00
Skylite Cond	0	0	0	0	0	0	Skylite Cond	0	0	0.00
Roof Cond	0	1,209	1,209	6	0	0	Roof Cond	0	-423	5.50
Glass Solar	1,405	0	1,405	7 ;	1,830	13		0	0	0.00
Glass/Door Cond	121	0	121	1;	-10	0	Glass/Door Cond	-590	-590	7.66
Wall Cond	6,589	2,352	8,940	45 :	7,147	51		-1,479	-1,980	25.74
Partition/Door	0		0	0 :	0	0	Partition/Door	0	0	0.00
Floor	0		0	0	0.00	0		-657	-657	8.53
Adjacent Floor	0.00	0.00	0.00	0.00	0.00	0.00	Adjacent Floor	0.00	0.00	0.00
Infiltration	1,262		1,262	6 ;	-4	0	Infiltration	-1,348	-1,348	17.52
Sub Total ==>	9,377	3,561	12,937	65	8,963	64	Sub Total ==>	-4,074	-4,998	64.96
Internal Loads							Internal Loads			
Lights	917	229	1,147	6	917	7	Lights	0	0	0.00
People	5,400	0	5,400	27	3,000	21		0	0	0.00
Misc	717	0	717	4	717	5	Misc	0	0	0.00
Sub Total ==>	7,034	229	7,263	36	4,634	33	Sub Total ==>	0	0	0.00
Ceiling Load	472	-472	0	0	415	3	Ceiling Load	-315	0	0.00
Ventilation Load	0	0	0	0	0	_	Ventilation Load	0	0	0.00
Adj Air Trans Heat	0	ŭ	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	0	Exhaust Heat		100	-1.30
Exhaust Heat	ŭ	-149	-149	-1	ŭ	·	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		-2,882	37.45
Duct Heat Pkup		Ö	Ö	0			System Plenum Heat		86	-1.12
Underfir Sup Ht Pkuj	D		0	0:			Underfir Sup Ht Pkup		0	0.00
Supply Air Leakage	r	0	0	0			Supply Air Leakage		0	0.00
Grand Total ==>	16,883	3,168	20,051	100.00	14,012	100.00	Grand Total ==>	-4,388	-7,694	100.00

TEMPERATURES									
Cooling Heating									
SADB	51.6	94.5							
Ra Plenum	78.6	67.6							
Return	78.6	67.6							
Ret/OA	78.6	67.6							
Fn MtrTD	0.0	0.0							
Fn BldTD	0.0	0.0							
Fn Frict	0.0	0.0							

AIRFLOWS									
Cooling Heating									
Diffuser	537	161							
Terminal Main Fan	537 537	161 161							
Sec Fan	0	0							
Nom Vent	0	0							
AHU Vent	0	0							
Infil	38	38							
MinStop/Rh	161	161							
Return	575	199							
Exhaust	38	38							
Rm Exh	0	0							
Auxiliary	0	0							
Leakage Dwn	0	0							
Leakage Ups	0	0							

ENGINEERING CKS							
Cooling Heating							
% OA	0.0	0.0					
cfm/ft²	1.28	0.38					
cfm/ton	321.21						
ft²/ton	251.36						
Btu/hr·ft²	47.74	-18.32					
No. People	12.0	28.6/1000 ft ²					

	COOLING COIL SELECTION										
	Total (ton	Capacity MBh	Sens Cap. MBh	Coil Airflow cfm	E r °F		/WB/HR gr/lb	Lea °F	ve DB	/WB/HR gr/lb	
Main Clg Aux Clg	1.7 0.0	20.1 0.0	16.7 0.0	517 0	78.6 0.0	63.8 0.0	65.0 0.0	51.6 0.0	50.4 0.0	52.6 0.0	
Opt Vent	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	
Total	1.7	20.1									

	AREAS			
G	Gross Total	Glas:	s (%)	
			(70)	
Floor	420			1
Part	0			1
Int Door	0			F
ExFlr	41			F
Roof	455	0	0	H
Wall	492	33	7	(
Ext Door	0	0	0	7

HEATING COIL SELECTION									
	Capacity	Coil Airflow	Ent	Lvg					
	MBh	cfm	°F	°F					
Main Htg	-7.7	161	51.6	94.5					
Aux Htg	0.0	0	0.0	0.0					
Preheat	0.0	0	0.0	0.0					
Reheat	-3.3	161	51.6	70.0					
Humidif Opt Vent <i>Total</i>	0.0 0.0 -7.7	0	0.0	0.0					

By RLF

101 W TLT

COOLING COIL PEAK				CLG SPACE	PEAK		HEATING COIL PEAK			
	d at Time: utside Air:	Mo/Hr OADB/WB/HR	: 7 / 15 : 88 / 78 / 1	29	Mo/Hr: OADB:			Mo/Hr: He OADB: 38	ating Design	
	Space Sens. + Lat.	Plenum Sens. + Lat	Net Total	Percent Of Total	Space Sensible	Percent Of Total	1 1 1 1	Space Peak Space Sens	Coil Peak Tot Sens	
	Btu/h	Btu/h	Btu/h	(%)	Btu/h	(%)		Btu/h	Btu/h	(%)
Envelope Loads			_		_		Envelope Loads			
Skylite Solar	0	0	0	0	0	0	Skylite Solar	0	0	0.00
Skylite Cond	0	0	0	0	0	0	Skylite Cond	0	0	0.00
Roof Cond	0	137	137	28	0	0	Roof Cond	0	-47	19.88
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		0	0	0.00
Partition/Door	0		0	0 :	0	0	Partition/Door	0	0	0.00
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	250		250	50	61	27	t contract to the contract to	-151	-151	63.21
Sub Total ==>	250	137	387	78	61	27	Sub Total ==>	-151	-198	83.09
Internal Loads							Internal Loads			
Lights	103	26	128	26	103	46	Lights	0	0	0.00
People	0	0	0	0 :	0	0	People	0	0	0.00
Misc	0	0	0	0	0	0	Misc	0	0	0.00
Sub Total ==>	103	26	128	26	103	46	Sub Total ==>	0	0	0.00
Ceiling Load	59	-59	0	0 :	59	26	Ceiling Load	-35	0	0.00
Ventilation Load	0	0	0	0	0		Ventilation Load	0	0	0.00
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	0	Exhaust Heat		11	-4.67
Exhaust Heat	· ·	-19	-19	-4	ŭ	·	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		-46	19.21
Duct Heat Pkup		0	0	0:			System Plenum Heat		-6	2.38
Underfir Sup Ht Pkuj	0		0	0 :			Underfir Sup Ht Pkup		0	0.00
Supply Air Leakage		0	0	0			Supply Air Leakage		0	0.00
Grand Total ==>	412	85	497	100.00	223	100.00	Grand Total ==>	-186	-239	100.00

TEMPERATURES									
Cooling Heating									
SADB	51.6	135.1							
Ra Plenum	79.0	67.6							
Return	79.0	67.6							
Ret/OA	79.0	67.6							
Fn MtrTD	0.0	0.0							
Fn BldTD	0.0	0.0							
Fn Frict	0.0	0.0							

AIRFLOWS									
Cooling Heating									
Diffuser	9	3							
Terminal Main Fan	9 9	3 3							
Sec Fan	0	0							
Nom Vent	0	0							
AHU Vent	0	0							
Infil	4	4							
MinStop/Rh	3	3							
Return	13	7							
Exhaust	4	4							
Rm Exh	0	0							
Auxiliary	0	0							
Leakage Dwn	0	0							
Leakage Ups	0	0							

ENGINEERING CKS								
Cooling Heating								
% OA	0.0	0.0						
cfm/ft²	0.18	0.05						
cfm/ton	206.41							
ft²/ton	1,135.76							
Btu/hr·ft²	10.57	-5.08						
No. People	0.0	0.0/1000 ft ²						

	COOLING COIL SELECTION										
	Total (Capacity MBh	Sens Cap. MBh	Coil Airflow cfm	E r °F		/WB/HR gr/lb	Lea °F	ve DB °F	/WB/HR gr/lb	
Main Clg Aux Clg	0.0 0.0	0.5 0.0	0.3 0.0	9	79.0 0.0	63.9 0.0	65.0 0.0	51.6 0.0	42.5 0.0	25.9 0.0	
Opt Vent	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	
Total	0.0	0.5									

	AREAS			
G	Gross Total	Glas:	s (%)	
Floor	47			I
Part	0			
Int Door	0			ı
ExFlr	0			П
Roof	51	0	0	H
Wall	0	0	0	
Ext Door	0	0	0	11

HEATING COIL SELECTION								
	Capacity	Coil Airflow	Ent	Lvg				
	MBh	cfm	°F	°F				
Main Htg	-0.2	3	51.6	135.1				
Aux Htg	0.0	0	0.0	0.0				
Preheat	0.0	0	0.0	0.0				
Reheat	-0.1	3	51.6	70.0				
Humidif	0.0	0	0.0	0.0				
Opt Vent Total	0.0 -0.2	0	0.0	0.0				

By RLF

102 M TLT

	COOLING C	OIL PEAK			CLG SPACE	PEAK		HEATING CO	IL PEAK	
	d at Time: utside Air:	Mo/Hr OADB/WB/HR	: 7 / 15 : 88 / 78 / 1	29	Mo/Hr: OADB:			Mo/Hr: He OADB: 38	eating Design 3	
	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							Envelope Loads			
Skylite Solar	0	0	0	0 :	0	0	Skylite Solar	0	0	0.00
Skylite Cond	0	0	0	0	0	0	Skylite Cond	0	0	0.00
Roof Cond	0	137	137	28	0	0		0	-47	19.88
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	0		0	0 :	0	0	Partition/Door	0	0	0.00
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	250		250	50	61	27	Infiltration	-151	-151	63.21
Sub Total ==>	250	137	387	78	61	27	Sub Total ==>	-151	-198	83.09
Internal Loads							Internal Loads			
Lights	103	26	128	26	103	46	Lights	0	0	0.00
People	0	0	0	0:	0	0	People	0	0	0.00
Misc	0	0	0	0:	0	0		0	0	0.00
Sub Total ==>	103	26	128	26	103	46	Sub Total ==>	0	0	0.00
Ceiling Load	59	-59	0	0	59	26	Ceiling Load	-35	0	0.00
Ventilation Load	0	-55	0	0 :	0		Ventilation Load	0	0	0.00
Adj Air Trans Heat	0	· ·	0	0	0		Adj Air Trans Heat	0	0	0
Dehumid. Ov Sizing	•				U	U	Ov/Undr Sizing	0	0	0.00
Ov/Undr Sizing			0	0 ;	0	•	Exhaust Heat	U	11	-4.67
Exhaust Heat	0	-19	0 -19	0 : -4 :	0	U	OA Preheat Diff.		0	0.00
Sup. Fan Heat		-19	-19	-4 ; 0 :			RA Preheat Diff.		0	0.00
Ret. Fan Heat		0	0	0:			Additional Reheat		-46	19.21
Duct Heat Pkup		0	0	0:			System Plenum Heat		-46 -6	2.38
Underfir Sup Ht Pku	ın	U	0	0:			Underfir Sup Ht Pkup		0	0.00
•	h	0	0	0					0	0.00
Supply Air Leakage		U	U	0			Supply Air Leakage		U	0.00
Grand Total ==>	412	85	497	100.00	223	100.00	Grand Total ==>	-186	-239	100.00

TEMPERATURES								
	Cooling Heating							
SADB	51.6	135.1						
Ra Plenum	79.0	67.6						
Return	79.0	67.6						
Ret/OA	79.0	67.6						
Fn MtrTD	0.0	0.0						
Fn BldTD	0.0	0.0						
Fn Frict	0.0	0.0						

AIRFLOWS									
Cooling Heating									
Diffuser	9	3							
Terminal Main Fan	9 9	3 3							
Sec Fan	0	0							
Nom Vent	0	0							
AHU Vent	0	0							
Infil	4	4							
MinStop/Rh	3	3							
Return	13	7							
Exhaust	4	4							
Rm Exh	0	0							
Auxiliary	0	0							
Leakage Dwn	0	0							
Leakage Ups	0	0							

ENGINEERING CKS								
	Cooling Heating							
% OA	0.0	0.0						
cfm/ft²	0.18	0.05						
cfm/ton	206.41							
ft²/ton	1,135.76							
Btu/hr·ft²	10.57	-5.08						
No. People	0.0	0.0/1000 ft ²						

COOLING COIL SELECTION										
	Total (Capacity MBh	Sens Cap. MBh	Coil Airflow cfm	E r °F		/WB/HR gr/lb	Lea °F	ve DB	/WB/HR gr/lb
Main Clg	0.0	0.5	0.3	9		63.9	65.0	51.6		25.9
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	0.0	0.5								
Total	0.0	0.5								

				- г
	AREAS			
(Gross Total	Glass	S	
		ft²	(%)	
Floor	47			
Part	0			
Int Door	0			ı
ExFlr	0			
Roof	51	0	0	
Wall	0	0	0	
Ext Door	0	0	0	H

HEATING COIL SELECTION								
	Capacity	Coil Airflow	Ent	Lvg				
	MBh	cfm	°F	°F				
Main Htg	-0.2	3	51.6	135.1				
Aux Htg	0.0	0	0.0	0.0				
Preheat	0.0	0	0.0	0.0				
Reheat	-0.1	3	51.6	70.0				
Humidif	0.0	0	0.0	0.0				
Opt Vent <i>Total</i>	0.0 -0.2	0	0.0	0.0				

By RLF

103 RECEPTION/SCHEDULING

	COOLING C	OIL PEAK			CLG SPACE	PEAK		HEATING CO	IL PEAK	
Peaked	d at Time:	Mo/Hr	: 7 / 15		Mo/Hr:	7 / 15		Mo/Hr: He	eating Design	
Οι	utside Air:	OADB/WB/HR	1: 88 / 78 / 1	29	OADB:	88		OADB: 38	3	
	Space Sens. + Lat.	Plenum Sens. + Lat	Net Total	Percent Of Total	Space Sensible	Percent Of Total	· · · · · · · · · · · · · · · · · · ·	Space Peak Space Sens	Coil Peak Tot Sens	
	Btu/h	Btu/h	Btu/h	(%)	Btu/h	(%)	, 1	Btu/h	Btu/h	(%)
Envelope Loads							Envelope Loads			
Skylite Solar	0	0	0	0 :	0	0	Skylite Solar	0	0	0.00
Skylite Cond	0	0	0	0	0	0		0	0	0.00
Roof Cond	0	952	952	15	0	0	Roof Cond	0	-328	15.25
Glass Solar	0	0	0	0 :	0	0	,	0	0	0.00
Glass/Door Cond	0	0	0	0 :	0	0		0	0	0.00
Wall Cond	0	0	0	0 :	0	0	; Wall Cond	0	0	0.00
Partition/Door	0		0	0 :	0	0		0	0	0.00
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	1,731		1,731	27	424	12	Infiltration	-1,043	-1,043	48.57
Sub Total ==>	1,731	952	2,683	42	424	12	Sub Total ==>	-1,043	-1,371	63.81
Internal Loads							Internal Loads			
Lights	710	177	887	14	710	19	Lights	0	0	0.00
People	1,800	0	1,800	28	1,000	27	People	0	0	0.00
Misc	1,109	0	1,109	17	1,109	30	Misc	0	0	0.00
Sub Total ==>	3,619	177	3,797	60	2,819	77	Sub Total ==>	0	0	0.00
Ceiling Load	408	-408	0	0	408	11	Ceiling Load	-244	0	0.00
Ventilation Load	0	0	0	0;	0		Ventilation Load	0	0	0.00
Adj Air Trans Heat	0	O	0	0:	0	-	Adj Air Trans Heat	0	0	0.00
Dehumid. Ov Sizing	U		-		U	U	Ov/Undr Sizing	0	0	0.00
Ov/Undr Sizing			0	0 ;		•	Exhaust Heat	U	77	-3.59
Exhaust Heat	0	-129	0 -129	0 ; -2 ;	0	U	OA Preheat Diff.		0	0.00
		-129	-129	-2 ; 0 :			RA Preheat Diff.		0	0.00
Sup. Fan Heat		0	0	0:			Additional Reheat		-751	34.95
Ret. Fan Heat Duct Heat Pkup		0 0	0	0:			System Plenum Heat		-751 -104	4.83
•		U	0	0:			Underfir Sup Ht Pkup		0	0.00
Underfir Sup Ht Pkup	μ	0	0	0					0	0.00
Supply Air Leakage		U	U	0 :			Supply Air Leakage		U	0.00
Grand Total ==>	5,758	593	6,351	100.00	3,651	100.00	Grand Total ==>	-1,287	-2,148	100.00

TEMPERATURES								
	Cooling Heating							
SADB	51.6	97.5						
Ra Plenum	79.0	67.6						
Return	79.0	67.6						
Ret/OA	79.0	67.6						
Fn MtrTD	0.0	0.0						
Fn BldTD	0.0	0.0						
Fn Frict	0.0	0.0						

AIRFLOWS									
Cooling Heating									
Diffuser	140	42							
Terminal Main Fan	140 140	42 42							
Sec Fan	0	0							
Nom Vent	0	0							
AHU Vent	0	0							
Infil	29	29							
MinStop/Rh	42	42							
Return	169	71							
Exhaust	29	29							
Rm Exh	0	0							
Auxiliary	0	0							
Leakage Dwn	0	0							
Leakage Ups	0	0							

ENGINEERING CKS									
Cooling Heating									
% OA	0.0	0.0							
cfm/ft²	0.43	0.13							
cfm/ton	264.26								
ft²/ton	614.09								
Btu/hr·ft²	19.54	-6.61							
No. People	4.0	12.3/1000 ft ²							

	COOLING COIL SELECTION											
	Total (Capacity MBh	Sens Cap. MBh	Coil Airflow cfm	E r °F		/WB/HR gr/lb	Lea °F	ve DB	/WB/HR gr/lb		
Main Clg	0.5	6.4	4.2	140		63.9	65.0	51.6		43.9		
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	0.5	6.4										

	AREAS][
G	ross Total	Glas:	s (%)	
Floor	325		(70)	I
Part	0			4
Int Door	0			F
ExFlr	0			F
Roof	352	0	0	+
Wall	0	0	0	
Ext Door	0	0	0	7

Н	HEATING COIL SELECTION										
	Capacity	Coil Airflow	Ent	Lvg							
	MBh	cfm	°F	°F							
Main Htg	-2.2	42	51.6	97.5							
Aux Htg	0.0	0	0.0	0.0							
Preheat	0.0	0	0.0	0.0							
Reheat	-0.9	42	51.6	70.0							
Humidif	0.0	0	0.0	0.0							
Opt Vent Total	0.0 -2.2	0	0.0	0.0							

By RLF

104 EXAM ROOM 1

	COOLING C	OIL PEAK			CLG SPACE	PEAK		HEATING CO	IL PEAK	
	d at Time: utside Air:	Mo/Hi OADB/WB/HR	: 7 / 15 : 88 / 78 / 1	29	Mo/Hr: OADB:			Mo/Hr: He OADB: 38	eating Design B	
	Space Sens. + Lat.	Plenum Sens. + Lat	Net Total	Percent Of Total	Space Sensible	Percent Of Total	· · · · · · · · · · · · · · · · · · ·	Space Peak Space Sens	Coil Peak Tot Sens	
	Btu/h	Btu/h	Btu/h	(%)	Btu/h	(%)		Btu/h	Btu/h	(%)
Envelope Loads							Envelope Loads			
Skylite Solar	0	0	0	0	0	0	Skylite Solar	0	0	0.00
Skylite Cond	0	0	0	0 }	0	0	Skylite Cond	0	0	0.00
Roof Cond	0	340	340	10	0	0	Roof Cond	0	-118	4.83
Glass Solar	0	0	0	0 ;	0	0	Glass Solar	0	0	0.00
Glass/Door Cond	392	0	392	11 :	392	17	Glass/Door Cond	-918	-918	37.50
Wall Cond	428	203	632	18 ;	428	19		-324	-481	19.65
Partition/Door	0		0	0	0	0	Partition/Door	0	0	0.00
Floor	0		0	0 :	0.00	0	Floor	-206	-206	8.40
Adjacent Floor	0.00	0.00	0.00	0.00	0.00	0.00	Adjacent Floor	0.00	0.00	0.00
Infiltration	623		623	18	153	7	!	-376	-376	15.35
Sub Total ==>	1,443	543	1,986	56	973	43	Sub Total ==>	-1,823	-2,098	85.73
Internal Loads							Internal Loads			
Lights	256	64	319	9 :	256	11	Lights	0	0	0.00
People	900	0	900	25	500	22	People	0	0	0.00
Misc	399	0	399	11	399	18	Misc	0	0	0.00
Sub Total ==>	1,555	64	1,619	45	1,155	51	Sub Total ==>	0	0	0.00
Ceiling Load	147	-147	0	0	147	6	Ceiling Load	-88	0	0.00
Ventilation Load	0	0	0	0	0	0	Ventilation Load	0	0	0.00
Adj Air Trans Heat	0		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	0	Exhaust Heat		28	-1.13
Exhaust Heat	· ·	-47	-47	-1	ŭ	·	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		-468	19.11
Duct Heat Pkup		0	0	0 :			System Plenum Heat		91	-3.71
Underfir Sup Ht Pku	р		0	0 :			Underfir Sup Ht Pkup		0	0.00
Supply Air Leakage	•	0	0	0			Supply Air Leakage		0	0.00
Grand Total ==>	3,145	414	3,559	100.00	2,274	100.00	Grand Total ==>	-1,910	-2,447	100.00

TEMPERATURES									
Cooling Heating									
SADB	51.6	135.6							
Ra Plenum	79.0	67.6							
Return	79.0	67.6							
Ret/OA	79.0	67.6							
Fn MtrTD	0.0	0.0							
Fn BldTD	0.0	0.0							
Fn Frict	0.0	0.0							

AIRFLOWS								
	Cooling	Heating						
Diffuser	87	26						
Terminal Main Fan	87 87	26 26						
Sec Fan	0	0						
Nom Vent	0	0						
AHU Vent	0	0						
Infil	11	11						
MinStop/Rh	26	26						
Return	98	37						
Exhaust	11	11						
Rm Exh	0	0						
Auxiliary	0	0						
Leakage Dwn	0	0						
Leakage Ups	0	0						

ENGINEERING CKS									
Cooling Heating									
% OA	0.0	0.0							
cfm/ft²	0.74	0.22							
cfm/ton	293.76								
ft²/ton	394.52								
Btu/hr·ft²	30.42	-20.91							
No. People	2.0	17.1/1000 ft ²							

	COOLING COIL SELECTION										
	Total (Capacity MBh	Sens Cap. MBh	Coil Airflow cfm	E r °F		/WB/HR gr/lb	Lea °F	ve DB	/WB/HR gr/lb	
Main Clg	0.3	3.6	2.7	87	79.0	63.9	65.0	51.6	49.8	50.4	
Aux Clg	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	
Opt Vent	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	
Total	0.3	3.6									

G	AREAS Gross Total	Glas	s	
		ft²	(%)	
Floor	117			Ma
Part	0			Au
Int Door	0			Pre
ExFlr	13			Re
Roof	127	0	0	Hu
Wall	112	0	0	Op
Ext Door	42	0	0	To

	HEATING COIL SELECTION											
	Capacity	Coil Airflow	Ent	Lvg								
	MBh	cfm	°F	°F								
Main Htg	-2.5	26	51.6	135.6								
Aux Htg	0.0	0	0.0	0.0								
Preheat	0.0	0	0.0	0.0								
Reheat	-0.5	26	51.6	70.0								
Humidif Opt Vent	0.0 0.0	0	0.0	0.0 0.0								
Total	-2.5											

By RLF

105 EXAM ROOM 2

	COOLING C	OIL PEAK			CLG SPACE	PEAK		HEATING CO	IL PEAK	
	d at Time: utside Air:	Mo/Hr OADB/WB/HR	: 7 / 15 :: 88 / 78 / 1	29	Mo/Hr: OADB:			Mo/Hr: He OADB: 38	ating Design	
	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				- 1			Envelope Loads			
Skylite Solar	0	0	0	0 :	0	0		0	0	0.00
Skylite Cond	0	0	0	0	0	0	Skylite Cond	0	0	0.00
Roof Cond	0	340	340	13	0	0		0	-118	14.65
Glass Solar	0	0	0	0 ;	0	0		0	0	0.00
Glass/Door Cond	0	0	0	0 :	0	0		0	0	0.00
Wall Cond	0	0	0	0 ;	0	0		0	0	0.00
Partition/Door	0		0	0 :	0	0		0	0	0.00
Floor	0		0	0	0.00	0		0	0	0.00
Adjacent Floor	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00
Infiltration	623		623	25	153	10		-376	-376	46.58
Sub Total ==>	623	340	963	38	153	10	Sub Total ==>	-376	-494	61.23
Internal Loads				:			Internal Loads			
Lights	256	64	319	13	256	18	Lights	0	0	0.00
People	900	0	900	35	500	34	People	0	0	0.00
Misc	399	0	399	16	399	27	Misc	0	0	0.00
Sub Total ==>	1,555	64	1,619	64	1,155	79	Sub Total ==>	0	0	0.00
Ceiling Load	147	-147	0	0 :	147	10	Ceiling Load	-88	0	0.00
Ventilation Load	0	0	0	0	0	0	Ventilation Load	0	0	0.00
Adj Air Trans Heat	0		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	0	Exhaust Heat		28	-3.44
Exhaust Heat	ū	-47	-47	-2	ŭ	·	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		-299	37.09
Duct Heat Pkup		0	0	0:			System Plenum Heat		-41	5.12
Underfir Sup Ht Pku	р		0	0 :			Underfir Sup Ht Pkup		0	0.00
Supply Air Leakage	•	0	0	0			Supply Air Leakage		0	0.00
Grand Total ==>	2,325	211	2,536	100.00	1,454	100.00	Grand Total ==>	-463	-806	100.00

TEMPERATURES						
	Cooling	Heating				
SADB	51.6	94.9				
Ra Plenum	79.0	67.6				
Return	79.0	67.6				
Ret/OA	79.0	67.6				
Fn MtrTD	0.0	0.0				
Fn BldTD	0.0	0.0				
Fn Frict	0.0	0.0				

AIRFLOWS						
	Cooling	Heating				
Diffuser	56	17				
Terminal Main Fan	56 56	17 17				
Sec Fan	0	0				
Nom Vent	0	0				
AHU Vent	0	0				
Infil	11	11				
MinStop/Rh	17	17				
Return	66	27				
Exhaust	11	11				
Rm Exh	0	0				
Auxiliary	0	0				
Leakage Dwn	0	0				
Leakage Ups	0	0				

ENGINEERING CKS						
	Cooling	Heating				
% OA	0.0	0.0				
cfm/ft²	0.48	0.14				
cfm/ton	263.66					
ft²/ton	553.72					
Btu/hr·ft²	21.67	-6.89				
No. People	2.0	17.1/1000 ft ²				

COOLING COIL SELECTION												
	Total (Capacity	pacity Sens Cap. Coil Airflow		En	Enter DB/WB/HR			Leave DB/WB/HR			
	ton	MBh	MBh	cfm	°F	°F	gr/lb	°F	°F	gr/lb		
Main Clg	0.2	2.5	1.7	56	79.0	63.9	65.0	51.6	47.9	43.8		
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	0.2	2.5										

				- I
	AREAS			
(Gross Total	Glass		
		ft²	(%)	
Floor	117			N
Part	0			1
Int Door	0			F
ExFlr	0			F
Roof	127	0	0	+
Wall	0	0	0	
Ext Door	0	0	0	1 17

HEATING COIL SELECTION								
	Capacity	Coil Airflow	Ent	Lvg				
	MBh	cfm	°F	°F				
Main Htg	-0.8	17	51.6	94.9				
Aux Htg	0.0	0	0.0	0.0				
Preheat	0.0	0	0.0	0.0				
Reheat	-0.3	17	51.6	70.0				
Humidif Opt Vent	0.0 0.0	0	0.0	0.0 0.0				
Total	-0.8							

Project Name: HealthFirst Medico

21184.TRC

Dataset Name:

By RLF

106 EXAM ROOM 3

	COOLING C	OIL PEAK			CLG SPACE	PEAK	K HEATING COIL PEAK			
	d at Time: utside Air:	Mo/Hr OADB/WB/HR	7 / 15 1: 88 / 78 / 1	29	Mo/Hr: OADB:		· · ·	Mo/Hr: He OADB: 38	ating Design	
	Space Sens. + Lat.	Plenum Sens. + Lat	Net Total	Percent Of Total	Space Sensible	Percent Of Total	1 1 1 1	Space Peak Space Sens	Coil Peak Tot Sens	
	Btu/h	Btu/h	Btu/h	(%)	Btu/h	(%)	1 1	Btu/h	Btu/h	(%)
Envelope Loads							Envelope Loads			
Skylite Solar	0	0	0	0	0	0	,	0	0	0.00
Skylite Cond	0	0	0	0 :	0	0		0	0	0.00
Roof Cond	0	333	333	13	0	0		0	-118	14.65
Glass Solar	0	0	0	0 ;	0	0	,	0	0	0.00
Glass/Door Cond	0	0	0	0 :	0	0		0	0	0.00
Wall Cond	0	0	0	0 :	0	0	-	0	0	0.00
Partition/Door	0		0	0 :	0	0		0	0	0.00
Floor	0		0	0	0.00	0		0	0	0.00
Adjacent Floor	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00
Infiltration	623		623	25	153	10	t contract to the contract to	-376	-376	46.58
Sub Total ==>	623	333	956	38	153	10	Sub Total ==>	-376	-494	61.23
Internal Loads							Internal Loads			
Lights	256	64	319	13	256	18	Lights	0	0	0.00
People	900	0	900	36	500	34	People	0	0	0.00
Misc	399	0	399	16	399	27	Misc	0	0	0.00
Sub Total ==>	1,555	64	1,619	64	1,155	79	Sub Total ==>	0	0	0.00
Ceiling Load	147	-147	0	0	147	10	Ceiling Load	-88	0	0.00
Ventilation Load	0	0	0	0:	0		Ventilation Load	0	0	0.00
Adj Air Trans Heat	0		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	٥	Exhaust Heat	·	28	-3.44
Exhaust Heat	Ū	-47	-47	-2	O	O	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		-299	37.09
Duct Heat Pkup		Ö	0	0			System Plenum Heat		-41	5.12
Underfir Sup Ht Pku	p		0	0			Underfir Sup Ht Pkup		0	0.00
Supply Air Leakage	•	0	0	0			Supply Air Leakage		0	0.00
Grand Total ==>	2,325	204	2,529	100.00	1,454	100.00	Grand Total ==>	-463	-806	100.00

TEMPERATURES					
	Cooling	Heating			
SADB	51.6	94.9			
Ra Plenum	79.0	67.6			
Return	79.0	67.6			
Ret/OA	79.0	67.6			
Fn MtrTD	0.0	0.0			
Fn BldTD	0.0	0.0			
Fn Frict	0.0	0.0			

AIRFLOWS						
	Cooling	Heating				
Diffuser	56	17				
Terminal Main Fan	56 56	17 17				
Sec Fan	0	0				
Nom Vent	0	0				
AHU Vent	0	0				
Infil	11	11				
MinStop/Rh	17	17				
Return	66	27				
Exhaust	11	11				
Rm Exh	0	0				
Auxiliary	0	0				
Leakage Dwn	0	0				
Leakage Ups	0	0				

ENGINEERING CKS						
	Cooling	Heating				
% OA	0.0	0.0				
cfm/ft²	0.48	0.14				
cfm/ton	264.38					
ft²/ton	555.23					
Btu/hr·ft²	21.61	-6.89				
No. People	2.0	17.1/1000 ft ²				

COOLING COIL SELECTION										
Total Capacity				Coil Airflow			/WB/HR			/WB/HR
	ton	MBh	MBh	cfm	°F	°F	gr/lb	°F	°F	gr/lb
Main Clg	0.2	2.5	1.7	56	79.0	63.9	65.0	51.6	48.0	43.9
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	0.2	2.5								

	AREAS			
	Gross Total	Glass		
		ft²	(%)	
Floor	117			ı
Part	0			1
Int Door	0			ŀ
ExFlr	0			ı
Roof	127	0	0	ŀ
Wall	0	0	0	ŀ
Ext Door	0	0	0	

HEATING COIL SELECTION						
	Capacity	Coil Airflow	Ent	Lvg		
	MBh	cfm	°F	°F		
Main Htg	-0.8	17	51.6	94.9		
Aux Htg	0.0	0	0.0	0.0		
Preheat	0.0	0	0.0	0.0		
Reheat	-0.3	17	51.6	70.0		
Humidif Opt Vent	0.0 0.0	0	0.0	0.0 0.0		
Total	-0.8					

Project Name: HealthFirst Medico

21184.TRC

Dataset Name:

By RLF

107 EXAMS ROOM 4

	COOLING C	OIL PEAK			CLG SPACE	PEAK		HEATING CO	IL PEAK	
	d at Time: utside Air:	Mo/Hr OADB/WB/HR	7 / 16 : 88 / 78 / 1	33	Mo/Hr: OADB:			Mo/Hr: He OADB: 38	ating Design	
	Space Sens. + Lat.	Plenum Sens. + Lat	Net Total	Percent Of Total	Space Sensible	Percent Of Total	· · · · · · · · · · · · · · · · · · ·	Space Peak Space Sens	Coil Peak Tot Sens	
	Btu/h	Btu/h	Btu/h	(%)	Btu/h	(%)	1	Btu/h	Btu/h	(%)
Envelope Loads				:			Envelope Loads			
Skylite Solar	0	0	0	0	0	0	,	0	0	0.00
Skylite Cond	0	0	0	0	0	0		0	0	0.00
Roof Cond	0	291	291	12	0	0		0	-118	14.65
Glass Solar	0	0	0	0 ;	0	0		0	0	0.00
Glass/Door Cond	0	0	0	0 :	0	0		0	0	0.00
Wall Cond	0	0	0	0 :	0	0	-	0	0	0.00
Partition/Door	0		0	0 :	0	0	Partition/Door	0	0	0.00
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	649		649	26	153	10	Infiltration	-376	-376	46.58
Sub Total ==>	649	291	940	37	153	10	Sub Total ==>	-376	-494	61.23
Internal Loads							Internal Loads			
Lights	256	64	319	13	256	18	Lights	0	0	0.00
People	900	0	900	36	500	34	People	0	0	0.00
Misc	399	0	399	16	399	27	Misc	0	0	0.00
Sub Total ==>	1,555	64	1,619	64	1,155	79	Sub Total ==>	0	0	0.00
Ceiling Load	140	-140	0	0	147	10	Ceiling Load	-88	0	0.00
Ventilation Load	0	0	0	0:	0		Ventilation Load	0	0	0.00
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	0	Exhaust Heat		28	-3.44
Exhaust Heat	· ·	-44	-44	-2	· ·	·	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		-299	37.09
Duct Heat Pkup		0	0	0			System Plenum Heat		-41	5.12
Underfir Sup Ht Pku	р		0	0			Underfir Sup Ht Pkup		0	0.00
Supply Air Leakage	•	0	0	0			Supply Air Leakage		0	0.00
Grand Total ==>	2,344	170	2,514	100.00	1,454	100.00	Grand Total ==>	-463	-806	100.00

TEMPERATURES					
Cooling Heating					
SADB	51.6	94.9			
Ra Plenum	78.8	67.6			
Return	78.8	67.6			
Ret/OA	78.8	67.6			
Fn MtrTD	0.0	0.0			
Fn BldTD	0.0	0.0			
Fn Frict	0.0	0.0			

AIRFLOWS						
Cooling Heating						
Diffuser	56	17				
Terminal Main Fan	56 56	17 17				
Sec Fan	0	0				
Nom Vent	0	0				
AHU Vent	0	0				
Infil	11	11				
MinStop/Rh	17	17				
Return	66	27				
Exhaust	11	11				
Rm Exh	0	0				
Auxiliary	0	0				
Leakage Dwn	0	0				
Leakage Ups	0	0				

ENGINEERING CKS					
Cooling Heating					
% OA	0.0	0.0			
cfm/ft²	0.48	0.14			
cfm/ton	265.88				
ft²/ton	558.39				
Btu/hr·ft²	21.49	-6.89			
No. People	2.0	17.1/1000 ft ²			

COOLING COIL SELECTION										
	Total (Capacity MBh	Sens Cap. MBh	Coil Airflow cfm		rter DB °F	/WB/HR gr/lb	Lea °F	ve DB	/WB/HR gr/lb
Main Clg Aux Clg	0.2 0.0	2.5 0.0	1.6 0.0	55 0	78.8 0.0	63.9 0.0	65.0 0.0	51.6 0.0	47.9 0.0	43.5 0.0
Opt Vent	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0
Total	0.2	2.5								

	AREAS			
(Gross Total	Glass ft² (%		
		11	(%)	Ш
Floor	117			l
Part	0			
Int Door	0			ı
ExFlr	0			H
Roof	127	0	0	ŀ
Wall	0	0	0	
Ext Door	0	0	0	

HEATING COIL SELECTION						
	Capacity	Coil Airflow	Ent	Lvg		
	MBh	cfm	°F	°F		
Main Htg	-0.8	17	51.6	94.9		
Aux Htg	0.0	0	0.0	0.0		
Preheat	0.0	0	0.0	0.0		
Reheat	-0.3	17	51.6	70.0		
Humidif	0.0	0	0.0	0.0		
Opt Vent Total	0.0 -0.8	0	0.0	0.0		

By RLF

108 EXAM ROOM 5

	COOLING C	OIL PEAK			CLG SPACE	PEAK		HEATING CO	IL PEAK	
	d at Time: utside Air:	Mo/Hr OADB/WB/HR	7 / 16 : 88 / 78 / 1	33	Mo/Hr: OADB:			Mo/Hr: He OADB: 38	ating Design	
	Space Sens. + Lat.	Plenum Sens. + Lat	Net Total	Percent Of Total	Space Sensible	Percent Of Total	· · · · · · · · · · · · · · · · · · ·	Space Peak Space Sens	Coil Peak Tot Sens	
	Btu/h	Btu/h	Btu/h	(%)	Btu/h	(%)	1	Btu/h	Btu/h	(%)
Envelope Loads				:			Envelope Loads			
Skylite Solar	0	0	0	0	0	0	,	0	0	0.00
Skylite Cond	0	0	0	0	0	0		0	0	0.00
Roof Cond	0	291	291	12	0	0		0	-118	14.65
Glass Solar	0	0	0	0 ;	0	0		0	0	0.00
Glass/Door Cond	0	0	0	0 :	0	0		0	0	0.00
Wall Cond	0	0	0	0 :	0	0	-	0	0	0.00
Partition/Door	0		0	0 :	0	0	Partition/Door	0	0	0.00
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	649		649	26	153	10	Infiltration	-376	-376	46.58
Sub Total ==>	649	291	940	37	153	10	Sub Total ==>	-376	-494	61.23
Internal Loads							Internal Loads			
Lights	256	64	319	13	256	18	Lights	0	0	0.00
People	900	0	900	36	500	34	People	0	0	0.00
Misc	399	0	399	16	399	27	Misc	0	0	0.00
Sub Total ==>	1,555	64	1,619	64	1,155	79	Sub Total ==>	0	0	0.00
Ceiling Load	140	-140	0	0	147	10	Ceiling Load	-88	0	0.00
Ventilation Load	0	0	0	0:	0		Ventilation Load	0	0	0.00
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	0	Exhaust Heat		28	-3.44
Exhaust Heat	· ·	-44	-44	-2	· ·	·	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		-299	37.09
Duct Heat Pkup		0	0	0			System Plenum Heat		-41	5.12
Underfir Sup Ht Pku	р		0	0			Underfir Sup Ht Pkup		0	0.00
Supply Air Leakage	•	0	0	0			Supply Air Leakage		0	0.00
Grand Total ==>	2,344	170	2,514	100.00	1,454	100.00	Grand Total ==>	-463	-806	100.00

TEMPERATURES					
Cooling Heating					
SADB	51.6	94.9			
Ra Plenum	78.8	67.6			
Return	78.8	67.6			
Ret/OA	78.8	67.6			
Fn MtrTD	0.0	0.0			
Fn BldTD	0.0	0.0			
Fn Frict	0.0	0.0			

AIRFLOWS						
Cooling Heating						
Diffuser	56	17				
Terminal Main Fan	56 56	17 17				
Sec Fan	0	0				
Nom Vent	0	0				
AHU Vent	0	0				
Infil	11	11				
MinStop/Rh	17	17				
Return	66	27				
Exhaust	11	11				
Rm Exh	0	0				
Auxiliary	0	0				
Leakage Dwn	0	0				
Leakage Ups	0	0				

ENGINEERING CKS					
Cooling Heating					
% OA	0.0	0.0			
cfm/ft²	0.48	0.14			
cfm/ton	265.88				
ft²/ton	558.39				
Btu/hr·ft²	21.49	-6.89			
No. People	2.0	17.1/1000 ft ²			

COOLING COIL SELECTION										
Total C ton	Capacity MBh	Sens Cap. MBh	Coil Airflow cfm			WB/HR gr/lb	Lea °F	ve DB/ °F	WB/HR gr/lb	
0.2	2.5	1.6	55	78.8	63.9	65.0	51.6	47.9	43.5	
0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	
0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	
0.2	2.5									
	ton 0.2 0.0 0.0	0.2 2.5 0.0 0.0 0.0 0.0	ton MBh MBh 0.2 2.5 1.6 0.0 0.0 0.0 0.0 0.0	ton MBh MBh cfm 0.2 2.5 1.6 55 0.0 0.0 0.0 0.0 0.0 0.0 0.0	ton MBh MBh cfm °F 0.2 2.5 1.6 55 78.8 0.0 0.0 0.0 0.0 0 0.0 0.0 0.0 0.0 0.0	ton MBh MBh cfm °F °F 0.2 2.5 1.6 55 78.8 63.9 0.0 0.0 0.0 0 0.0 0.0 0.0 0.0 0 0 0.0 0.0 0.0 0.0 0 0 0.0 0.0	ton MBh MBh cfm °F °F gr/lb 0.2 2.5 1.6 55 78.8 63.9 65.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	ton MBh MBh cfm °F °F gr/lb °F 0.2 2.5 1.6 55 78.8 63.9 65.0 51.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	ton MBh MBh cfm °F °F gr/lb °F °F 0.2 2.5 1.6 55 78.8 63.9 65.0 51.6 47.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	

	AREAS			
	Gross Total	Glass		
		ft²	(%)	
Floor	117			N
Part	0			1
Int Door	0			F
ExFlr	0			F
Roof	127	0	0	H
Wall	0	0	0	C
Ext Door	0	0	0	7

H	IEATING COI	L SELECTI	ON	
	Capacity	Coil Airflow	Ent	Lvg
	MBh	cfm	°F	°F
Main Htg	-0.8	17	51.6	94.9
Aux Htg	0.0	0	0.0	0.0
Preheat	0.0	0	0.0	0.0
Reheat	-0.3	17	51.6	70.0
Humidif	0.0	0	0.0	0.0
Opt Vent Total	0.0 -0.8	0	0.0	0.0

Project Name: HealthFirst Medico

21184.TRC

Dataset Name:

By RLF

109 PROVIDER OFF

	COOLING C	OIL PEAK			CLG SPACE	PEAK		HEATING CO	IL PEAK	
	d at Time: utside Air:	Mo/Hi OADB/WB/HF	r: 7 / 17 R: 87 / 78 / 1	32	Mo/Hr: OADB:			Mo/Hr: He OADB: 38	ating Design	
	Space Sens. + Lat.	Plenum Sens. + Lat	Net Total	Percent Of Total	Space Sensible	Percent Of Total	· · · · · · · · · · · · · · · · · · ·	Space Peak Space Sens	Coil Peak Tot Sens	
	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	0.00
Skylite Cond	0	0	0	0 }	0	0		0	0	0.00
Roof Cond	0	247	247	7	0	0		0	-118	5.34
Glass Solar	341	0	341	9	461	18	Glass Solar	0	0	0.00
Glass/Door Cond	230	0	230	6 :	128	5		-590	-590	26.65
Wall Cond	486	208	694	19 ;	574	23		-363	-520	23.52
Partition/Door	0		0	0 :	0	0	Partition/Door	0	0	0.00
Floor	0		0	0 :	0.00	0	Floor	-206	-206	9.29
Adjacent Floor	0.00	0.00	0.00	0.00	0.00	0.00	Adjacent Floor	0.00	0.00	0.00
Infiltration	632		632	17	74	3	Infiltration	-376	-376	16.98
Sub Total ==>	1,689	455	2,144	58	1,237	49	Sub Total ==>	-1,534	-1,810	81.78
Internal Loads							Internal Loads			
Lights	256	64	319	9:	256	10	Lights	0	0	0.00
People	900	0	900	24	500	20	People	0	0	0.00
Misc	399	0	399	11	399	16		0	0	0.00
Sub Total ==>	1,555	64	1,619	43	1,155	46	Sub Total ==>	0	0	0.00
Ceiling Load	129	-129	0	0:	110	4	Ceiling Load	-88	0	0.00
Ventilation Load	0	0	0	0 :	0	0	Ventilation Load	0	0	0.00
Adj Air Trans Heat	0		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	0	Exhaust Heat	•	28	-1.25
Exhaust Heat	Ū	-41	-41	-1	O	· ·	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		-515	23.26
Duct Heat Pkup		Õ	Ő	0			System Plenum Heat		84	-3.79
Underfir Sup Ht Pku	q	-	0	0:			Underfir Sup Ht Pkup		0	0.00
Supply Air Leakage	· P	0	0	0 :			Supply Air Leakage		0	0.00
Grand Total ==>	3,373	349	3,722	100.00	2,503	100.00	Grand Total ==>	-1,622	-2,213	100.00

TEMPERATURES								
	Cooling Heating							
SADB	51.6	120.6						
Ra Plenum	78.5	67.6						
Return	78.5	67.6						
Ret/OA	78.5	67.6						
Fn MtrTD	0.0	0.0						
Fn BldTD	0.0	0.0						
Fn Frict	0.0	0.0						

AIRFLOWS							
	Cooling	Heating					
Diffuser	96	29					
Terminal Main Fan	96 96	29 29					
Sec Fan	0	0					
Nom Vent	0	0					
AHU Vent	0	0					
Infil	11	11					
MinStop/Rh	29	29					
Return	106	39					
Exhaust	11	11					
Rm Exh	0	0					
Auxiliary	0	0					
Leakage Dwn	0	0					
Leakage Ups	0	0					

ENGINEERING CKS							
Cooling Heating							
% OA	0.0	0.0					
cfm/ft²	0.82	0.25					
cfm/ton	309.05						
ft²/ton	377.18						
Btu/hr·ft ² 31.81 -18.91							
No. People	2.0	17.1/1000 ft ²					

COOLING COIL SELECTION										
	Total (ton	Capacity MBh	Sens Cap. MBh	Coil Airflow cfm	En °F		/WB/HR gr/lb	Lea °F	ve DB °F	/WB/HR gr/lb
Main Clg	0.3	3.7	2.8	95		63.8	65.0	51.6		51.9
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	0.3	3.7								

	AREAS			
(Gross Total	Glass		
		ft²	(%)	
Floor	117			1
Part	0			1
Int Door	0			F
ExFlr	13			F
Roof	127	0	0	ŀ
Wall	154	33	21	(
Ext Door	0	0	0	7

HE	ATING COI	L SELECTI	ON	
	Capacity	Coil Airflow	Ent	Lvg
	MBh	cfm	°F	°F
Main Htg	-2.2	29	51.6	120.6
Aux Htg	0.0	0	0.0	0.0
Preheat	0.0	0	0.0	0.0
Reheat	-0.6	29	51.6	70.0
Humidif Opt Vent	0.0 0.0	0	0.0	0.0 0.0
Total	-2.2			

By RLF

110 EXAM ROOM 6

	COOLING C	OIL PEAK			CLG SPACE	PEAK		HEATING CO	IL PEAK	
	d at Time: utside Air:	Mo/Hr OADB/WB/HR	7 / 15 1: 88 / 78 / 1	29	Mo/Hr: OADB:			Mo/Hr: He OADB: 38	eating Design	
	Space Sens. + Lat.	Plenum Sens. + Lat	Net Total	Percent Of Total	Space Sensible	Percent Of Total	1 1 1 1	Space Peak Space Sens	Coil Peak Tot Sens	
	Btu/h	Btu/h	Btu/h	(%)	Btu/h	(%)	1 1	Btu/h	Btu/h	(%)
Envelope Loads							Envelope Loads			
Skylite Solar	0	0	0	0	0	0	,	0	0	0.00
Skylite Cond	0	0	0	0	0	0		0	0	0.00
Roof Cond	0	328	328	13	0	0		0	-117	14.65
Glass Solar	0	0	0	0 ;	0	0	,	0	0	0.00
Glass/Door Cond	0	0	0	0 :	0	0		0	0	0.00
Wall Cond	0	0	0	0 :	0	0	-	0	0	0.00
Partition/Door	0		0	0 :	0	0		0	0	0.00
Floor	0		0	0	0.00	0		0	0	0.00
Adjacent Floor	0.00	0.00	0.00	0.00	0.00	0.00	, ,	0.00	0.00	0.00
Infiltration	618		618	25 ;	151	10	t contract to the contract to	-372	-372	46.52
Sub Total ==>	618	328	946	38	151	10	Sub Total ==>	-372	-490	61.16
Internal Loads				:			Internal Loads			
Lights	253	63	317	13	253	18	Lights	0	0	0.00
People	900	0	900	36	500	35	People	0	0	0.00
Misc	396	0	396	16 [:]	396	27	Misc	0	0	0.00
Sub Total ==>	1,549	63	1,613	64	1,149	79	Sub Total ==>	0	0	0.00
Ceiling Load	146	-146	0	0	146	10	Ceiling Load	-87	0	0.00
Ventilation Load	0	0	0	0	0	0	Ventilation Load	0	0	0.00
Adj Air Trans Heat	0		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	٥	Exhaust Heat	·	28	-3.44
Exhaust Heat	Ū	-46	-46	-2	O	O	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		-297	37.15
Duct Heat Pkup		Ö	0	0			System Plenum Heat		-41	5.12
Underfir Sup Ht Pku	D		0	0:			Underfir Sup Ht Pkup		0	0.00
Supply Air Leakage	r	0	0	0			Supply Air Leakage		0	0.00
Grand Total ==>	2,313	200	2,513	100.00	1,446	100.00	Grand Total ==>	-459	-801	100.00

TEMPERATURES								
Cooling Heating								
SADB	51.6	94.8						
Ra Plenum	79.0	67.6						
Return	79.0	67.6						
Ret/OA	79.0	67.6						
Fn MtrTD	0.0	0.0						
Fn BldTD	0.0	0.0						
Fn Frict	0.0	0.0						

AIRFLOWS								
Cooling Heating								
Diffuser	55	17						
Terminal Main Fan	55 55	17 17						
Sec Fan	0	0						
Nom Vent	0	0						
AHU Vent	0	0						
Infil	10	10						
MinStop/Rh	17	17						
Return	66	27						
Exhaust	10	10						
Rm Exh	0	0						
Auxiliary	0	0						
Leakage Dwn	0	0						
Leakage Ups	0	0						

ENGINEERING CKS							
Cooling Heating							
% OA	0.0	0.0					
cfm/ft²	0.48	0.14					
cfm/ton	264.56						
ft ² /ton	553.98						
Btu/hr·ft²	21.66	-6.90					
No. People	2.0	17.2/1000 ft ²					

COOLING COIL SELECTION										
	Total (Capacity MBh	Sens Cap. MBh	Coil Airflow cfm	E r °F		/WB/HR gr/lb	Lea °F	ve DB °F	/WB/HR gr/lb
Main Clg Aux Clg	0.2 0.0	2.5 0.0	1.7 0.0	55 0	79.0 0.0	63.9 0.0	65.0 0.0	51.6 0.0	48.0 0.0	44.0 0.0
Opt Vent	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0
Total	0.2	2.5								

	AREAS			
	Gross Total	Glas		
		ft²	(%)	
Floor	116			
Part	0			
Int Door	0			
ExFlr	0			П
Roof	126	0	0	П
Wall	0	0	0	l
Ext Door	0	0	0	

HEATING COIL SELECTION							
	Capacity	Coil Airflow	Ent	Lvg			
	MBh	cfm	°F	°F			
Main Htg	-0.8	17	51.6	94.8			
Aux Htg	0.0	0	0.0	0.0			
Preheat	0.0	0	0.0	0.0			
Reheat	-0.3	17	51.6	70.0			
Humidif Opt Vent	0.0 0.0	0	0.0	0.0 0.0			
Total	-0.8						

By RLF

111 TEAM STATION

	COOLING C	OIL PEAK			CLG SPACE	PEAK		HEATING CO	IL PEAK	
	d at Time: utside Air:	Mo/H OADB/WB/HF	r: 7 / 16 R: 88 / 78 / 1	33	Mo/Hr: OADB:			Mo/Hr: He OADB: 38	ating Design	
	Space Sens. + Lat.	Plenum Sens. + Lat	Net Total	Percent Of Total	Space Sensible	Percent Of Total	· · · · · · · · · · · · · · · · · · ·	Space Peak Space Sens	Coil Peak Tot Sens	
	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	0.00
Skylite Cond	0	0	0	0	0	0	Skylite Cond	0	0	0.00
Roof Cond	0	373	373	10	0	0	,	0	-152	13.56
Glass Solar	0	0	0	0 ;	0	0		0	0	0.00
Glass/Door Cond	0	0	0	0 :	0	0		0	0	0.00
Wall Cond	0	0	0	0 ;	0	0		0	0	0.00
Partition/Door	0		0	0 :	0	0		0	0	0.00
Floor	0		0	0	0.00	0		0	0	0.00
Adjacent Floor	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00
Infiltration	832		832	22	196	9	Infiltration	-482	-482	43.05
Sub Total ==>	832	373	1,205	31 ;	196	9	Sub Total ==>	-482	-633	56.61
Internal Loads							Internal Loads			
Lights	328	82	410	11	328	15	Lights	0	0	0.00
People	1,800	0	1,800	47	1,000	45	People	0	0	0.00
Misc	512	0	512	13	512	23	Misc	0	0	0.00
Sub Total ==>	2,640	82	2,722	70	1,840	83	Sub Total ==>	0	0	0.00
Ceiling Load	180	-180	0	0 :	188	8	Ceiling Load	-112	0	0.00
Ventilation Load	0	0	0	0	0	0	Ventilation Load	0	0	0.00
Adj Air Trans Heat	0		0	0	0	0	Adj Air Trans Heat	0	0	0
Dehumid. Ov Sizing	ŭ		0	0	· ·	·	Ov/Undr Sizing	0	0	0.00
Ov/Undr Sizing	0		0	0	0	0	Exhaust Heat	· ·	36	-3.18
Exhaust Heat	O	-57	-57	-1	O	O	OA Preheat Diff.		0	0.00
Sup. Fan Heat		٠.	0	0			RA Preheat Diff.		0	0.00
Ret. Fan Heat		0	0	0			Additional Reheat		-457	40.88
Duct Heat Pkup		0	Ö	0			System Plenum Heat		-64	5.69
Underfir Sup Ht Pku	D	-	0	0:			Underfir Sup Ht Pkup		0	0.00
Supply Air Leakage	r	0	0	0 :			Supply Air Leakage		0	0.00
Grand Total ==>	3,652	218	3,870	100.00	2,224	100.00	Grand Total ==>	-594	-1,119	100.00

TEMPERATURES							
Cooling Heating							
SADB	51.6	90.9					
Ra Plenum	78.8	67.6					
Return	78.8	67.6					
Ret/OA	78.8	67.6					
Fn MtrTD	0.0	0.0					
Fn BldTD	0.0	0.0					
Fn Frict	0.0	0.0					

AIRFLOWS								
Cooling Heating								
Diffuser	85	26						
Terminal Main Fan	85 85	26 26						
Sec Fan	0	0						
Nom Vent	0	0						
AHU Vent	0	0						
Infil	14	14						
MinStop/Rh	26	26						
Return	99	39						
Exhaust	14	14						
Rm Exh	0	0						
Auxiliary	0	0						
Leakage Dwn	0	0						
Leakage Ups	0	0						

ENGINEERING CKS						
Cooling Heating						
% OA	0.0	0.0				
cfm/ft²	0.57	0.17				
cfm/ton	264.10					
ft²/ton	465.10					
Btu/hr·ft²	25.80	-7.46				
No. People	4.0	26.7/1000 ft ²				

COOLING COIL SELECTION										
	Total (Capacity	Sens Cap.	Coil Airflow	Er	iter DB	/WB/HR	Lea	ve DB	/WB/HR
	ton	MBh	MBh	cfm	°F	°F	gr/lb	°F	°F	gr/lb
Main Clg	0.3	3.9	2.4	85	78.8	63.9	65.0	51.6	47.8	43.1
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	0.3	3.9								

	AREAS			
	Gross Total	Glass ft ²	s (%)	
		11	(/0)	
Floor	150			l
Part	0			
Int Door	0			H
ExFlr	0			H
Roof	163	0	0	H
Wall	0	0	0	H
Ext Door	0	0	0	H

HEATING COIL SELECTION							
	Capacity	Coil Airflow	Ent	Lvg			
	MBh	cfm	°F	°F			
Main Htg	-1.1	26	51.6	90.9			
Aux Htg	0.0	0	0.0	0.0			
Preheat	0.0	0	0.0	0.0			
Reheat	-0.5	26	51.6	70.0			
Humidif Opt Vent	0.0 0.0	0	0.0	0.0 0.0			
Total	-1.1						

By RLF

112 POC

	COOLING C	OIL PEAK			CLG SPACE	PEAK		HEATING CO	IL PEAK	
	d at Time: utside Air:	Mo/Hr OADB/WB/HR	: 7 / 16 : 88 / 78 / 1	33	Mo/Hr: OADB:			Mo/Hr: He OADB: 38	ating Design	
	Space Sens. + Lat.	Plenum Sens. + Lat	Net Total	Percent Of Total	Space Sensible	Percent Of Total	· · · · · · · · · · · · · · · · · · ·	Space Peak Space Sens	Coil Peak Tot Sens	
	Btu/h	Btu/h	Btu/h	(%)	Btu/h	(%)		Btu/h	Btu/h	(%)
Envelope Loads							Envelope Loads			
Skylite Solar	0	0	0	0	0	0	Skylite Solar	0	0	0.00
Skylite Cond	0	0	0	0	0	0	Skylite Cond	0	0	0.00
Roof Cond	0	50	50	24	0	0	Roof Cond	0	-20	20.15
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		0	0	0.00
Partition/Door	0		0	0 :	0	0	Partition/Door	0	0	0.00
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	111		111	53	26	27	Infiltration	-64	-64	63.21
Sub Total ==>	111	50	161	77	26	27	Sub Total ==>	-64	-85	83.35
Internal Loads							Internal Loads			
Lights	44	11	55	26	44	46	Lights	0	0	0.00
People	0	0	0	0 :	0	0	People	0	0	0.00
Misc	0	0	0	0:	0	0	Misc	0	0	0.00
Sub Total ==>	44	11	55	26	44	46	Sub Total ==>	0	0	0.00
Ceiling Load	24	-24	0	0 :	25	26	Ceiling Load	-15	0	0.00
Ventilation Load	0	0	0	0	0		Ventilation Load	0	0	0.00
Adj Air Trans Heat	0	· ·	0	0	0	_	Adj Air Trans Heat	0	0	0
Dehumid. Ov Sizing	Ü		0	0	· ·	·	Ov/Undr Sizing	0	0	0.00
Ov/Undr Sizing	0		0	0	0	0	Exhaust Heat		5	-4.68
Exhaust Heat	Ü	-8	-8	-4	· ·	·	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		-20	19.21
Duct Heat Pkup		Ö	0	0			System Plenum Heat		-2	2.11
Underfir Sup Ht Pku	0		0	0:			Underfir Sup Ht Pkup		0	0.00
Supply Air Leakage		0	0	0			Supply Air Leakage		0	0.00
Grand Total ==>	179	30	208	100.00	95	100.00	Grand Total ==>	-79	-102	100.00

TEMPERATURES								
Cooling Heating								
SADB	51.6	135.1						
Ra Plenum	78.8	67.6						
Return	78.8	67.6						
Ret/OA	78.8	67.6						
Fn MtrTD	0.0	0.0						
Fn BldTD	0.0	0.0						
Fn Frict	0.0	0.0						

AIRFLOWS									
Cooling Heating									
Diffuser	4	1							
Terminal	4	1							
Main Fan	4	1							
Sec Fan	0	0							
Nom Vent	0	0							
AHU Vent	0	0							
Infil	2	2							
MinStop/Rh	1	1							
Return	5	3							
Exhaust	2	2							
Rm Exh	0	0							
Auxiliary	0	0							
Leakage Dwn	0	0							
Leakage Ups	0	0							

ENGINEERING CKS								
Cooling Heating								
% OA	0.0	0.0						
cfm/ft²	0.18	0.05						
cfm/ton	209.33							
ft²/ton	1,151.75							
Btu/hr·ft²	10.42	-5.08						
No. People	0.0	0.0/1000 ft ²						

	COOLING COIL SELECTION											
	Total Capacity ton MBh		. ,				Enter DB/WB/HR °F °F gr/lb			Leave DB/WB/HR °F °F gr/lb		
Main Clg Aux Clg	0.0 0.0	0.2 0.0	0.1 0.0	4	78.8 0.0	63.9 0.0	65.0 0.0	51.6 0.0	42.2 0.0	25.0 0.0		
Opt Vent	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0		
Total	0.0	0.2										

Gre	AREAS	Glass	s (%)	
Floor Part	20 0			N
Int Door	0			F
ExFlr	0			F
Roof	22	0	0	
Wall	0	0	0	
Ext Door	0	0	0	117

HEATING COIL SELECTION									
	Capacity	Coil Airflow	Ent	Lvg					
	MBh	cfm	°F	°F					
Main Htg	-0.1	1	51.6	135.1					
Aux Htg	0.0	0	0.0	0.0					
Preheat	0.0	0	0.0	0.0					
Reheat	0.0	1	51.6	70.0					
Humidif	0.0	0	0.0	0.0					
Opt Vent	0.0	0	0.0	0.0					
Total	-0.1								

By RLF

113 ELEC

	COOLING C	OIL PEAK			CLG SPACE	PEAK		HEATING CO	IL PEAK	
	d at Time: utside Air:	Mo/Hr OADB/WB/HR	: 7 / 15 : 88 / 78 / 1	29	Mo/Hr: OADB:			Mo/Hr: He OADB: 38	ating Design	
	Space Sens. + Lat.	Plenum Sens. + Lat	Net Total	Percent Of Total	Space Sensible	Percent Of Total	1 1 1 1	Space Peak Space Sens	Coil Peak Tot Sens	
	Btu/h	Btu/h	Btu/h	(%)	Btu/h	(%)	1	Btu/h	Btu/h	(%)
Envelope Loads				:			Envelope Loads			
Skylite Solar	0	0	0	0	0	0	,	0	0	0.00
Skylite Cond	0	0	0	0	0	0		0	0	0.00
Roof Cond	0	150	150	11	0	0		0	-56	7.58
Glass Solar	0	0	0	0 ;	0	0		0	0	0.00
Glass/Door Cond	0	0	0	0 ;	0	0		0	0	0.00
Wall Cond	284	86	369	28 ;	339	37		-214	-281	38.12
Partition/Door	0		0	0 :	0	0		0	0	0.00
Floor	0		0	0	0.00	0		-87	-87	11.78
Adjacent Floor	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00
Infiltration	293		293	22 :	35	4	1	-177	-177	23.98
Sub Total ==>	577	235	812	62	374	41	Sub Total ==>	-478	-600	81.46
Internal Loads				:			Internal Loads			
Lights	120	30	150	11	120	13	Lights	0	0	0.00
People	0	0	0	0 :	0	0	People	0	0	0.00
Misc	375	0	375	29	375	41		0	0	0.00
Sub Total ==>	496	30	526	40	496	54	Sub Total ==>	0	0	0.00
Ceiling Load	69	-69	0	0 :	52	6	Ceiling Load	-41	0	0.00
Ventilation Load	0	0	0	0:	0		Ventilation Load	0	0	0.00
Adj Air Trans Heat	0		0	0	0	0	Adj Air Trans Heat	0	0	0
Dehumid. Ov Sizing	· ·		0	0	ŭ	·	Ov/Undr Sizing	0	0	0.00
Ov/Undr Sizing	0		0	0	0	٥	Exhaust Heat	ŭ	13	-1.77
Exhaust Heat	U	-22	-22	-2	O .	U	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		-189	25.73
Duct Heat Pkup		0	Ö	0:			System Plenum Heat		40	-5.42
Underfir Sup Ht Pku	D	-	0	0:			Underfir Sup Ht Pkup		0	0.00
Supply Air Leakage	r	0	0	0			Supply Air Leakage		0	0.00
Grand Total ==>	1,141	175	1,316	100.00	921	100.00	Grand Total ==>	-519	-736	100.00

TEMPERATURES									
Cooling Heating									
SADB	51.6	114.0							
Ra Plenum	79.0	67.6							
Return	79.0	67.6							
Ret/OA	79.0	67.6							
Fn MtrTD	0.0	0.0							
Fn BldTD	0.0	0.0							
Fn Frict	0.0	0.0							

AIRFLOWS										
	Cooling Heating									
Diffuser	35	11								
Terminal Main Fan	35 35	11 11								
Sec Fan	0	0								
Nom Vent	0	0								
AHU Vent	0	0								
Infil	5	5								
MinStop/Rh	11	11								
Return	40	16								
Exhaust	5	5								
Rm Exh	0	0								
Auxiliary	0	0								
Leakage Dwn	0	0								
Leakage Ups	0	0								

ENGINEERING CKS								
Cooling Heating								
% OA	0.0	0.0						
cfm/ft²	0.64	0.19						
cfm/ton	321.71							
ft²/ton	501.56							
Btu/hr·ft²	23.93	-13.39						
No. People	0.0	0.0/1000 ft ²						

COOLING COIL SELECTION										
	Total (Capacity MBh	Sens Cap. MBh	Coil Airflow cfm	En °F		/WB/HR gr/lb	Lea °F	ve DB	WB/HR gr/lb
Main Clg	0.1	1.3	1.1	35	79.0	63.9	65.0	51.6	51.2	55.3
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
Total	0.1	1.3								

	AREAS			
(Gross Total	Glass		
		ft²	(%)	
Floor	55			ı
Part	0			1
Int Door	0			ı
ExFlr	5			ı
Roof	60	0	0	ŀ
Wall	65	0	0	(
Ext Door	0	0	0	

HEATING COIL SELECTION								
	Capacity	Coil Airflow	Ent	Lvg				
	MBh	cfm	°F	°F				
Main Htg	-0.7	11	51.6	114.0				
Aux Htg	0.0	0	0.0	0.0				
Preheat	0.0	0	0.0	0.0				
Reheat	-0.2	11	51.6	70.0				
Humidif	0.0	0	0.0	0.0				
Opt Vent	0.0		0.0	0.0				
Total	-0.7							

By RLF

114 EVS

	COOLING C	OIL PEAK			CLG SPACE	PEAK		HEATING CO	IL PEAK	
	ed at Time: Outside Air:	Mo/H OADB/WB/HF	r: 7 / 17 R: 87 / 78 / 1	32	Mo/Hr: OADB:			Mo/Hr: He OADB: 38	eating Design 3	
	Space Sens. + Lat.	Plenum Sens. + Lat	Net Total	Percent Of Total	Space Sensible	Percent Of Total	· · · · · · · · · · · · · · · · · · ·	Space Peak Space Sens	Coil Peak Tot Sens	
	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	0.00
Skylite Cond	0	0	0	0 }	0	0	Skylite Cond	0	0	0.00
Roof Cond	0	121	121	9	0	0	Roof Cond	0	-58	4.55
Glass Solar	341	0	341	24	461	47		0	0	0.00
Glass/Door Cond	230	0	230	16 :	128	13		-590	-590	46.48
Wall Cond	154	107	261	19 ;	182	18	Wall Cond	-115	-196	15.43
Partition/Door	0		0	0 :	0	0	Partition/Door	0	0	0.00
Floor	0		0	0 :	0.00	0	Floor	-105	-105	8.30
Adjacent Floor	0.00	0.00	0.00	0.00	0.00	0.00	Adjacent Floor	0.00	0.00	0.00
Infiltration	308		308	22	36	4	Infiltration	-183	-183	14.42
Sub Total ==>	1,033	227	1,260	90	808	82	Sub Total ==>	-993	-1,131	89.18
Internal Loads							Internal Loads			
Lights	125	31	156	11	125	13	Lights	0	0	0.00
People	0	0	0	0;	0	0	People	0	0	0.00
Misc	0	0	0	0:	0	0	Misc	0	0	0.00
Sub Total ==>	125	31	156	11	125	13	!	0	0	0.00
Ceiling Load	63	-63	0	0	54	5	Ceiling Load	-43	0	0.00
Ventilation Load	0	-03	0	0	0	0	Ventilation Load	0	0	0.00
Adj Air Trans Heat	0	U	0	0	0	-	Adj Air Trans Heat	0	0	0.00
Dehumid. Ov Sizing	-		_		U	U	Ov/Undr Sizing	0	0	0.00
Ov/Undr Sizing	•		0	0 :		•	Exhaust Heat	U	14	-1.07
Exhaust Heat	0	-20	0 -20	0 ; -1	0	0	OA Preheat Diff.		0	0.00
Sup. Fan Heat		-20	-20 0	0 :			RA Preheat Diff.		0	0.00
Ret. Fan Heat		0	0	0:			Additional Reheat		-203	15.98
Duct Heat Pkup		0	0	0:			System Plenum Heat		-203 52	-4.10
Underfir Sup Ht Pku	ın	U	0	0:			Underfir Sup Ht Pkup		0	0.00
Supply Air Leakage	•	0	0	0			Supply Air Leakage		0	0.00
,		•							_	
Grand Total ==>	1,220	176	1,396	100.00	986	100.00	Grand Total ==>	-1,036	-1,269	100.00

TEMPERATURES							
	Cooling Heating						
SADB	51.6	152.0					
Ra Plenum	78.5	67.6					
Return	78.5	67.6					
Ret/OA	78.5	67.6					
Fn MtrTD	0.0	0.0					
Fn BldTD	0.0	0.0					
Fn Frict	0.0	0.0					

AIRFLOWS									
Cooling Heating									
Diffuser	38	11							
Terminal Main Fan	38 38	11 11							
Sec Fan	0	0							
Nom Vent	0	0							
AHU Vent	0	0							
Infil	5	5							
MinStop/Rh	11	11							
Return	43	16							
Exhaust	5	5							
Rm Exh	0	0							
Auxiliary	0	0							
Leakage Dwn	0	0							
Leakage Ups	0	0							

ENGINEERING CKS								
	Cooling Heating							
% OA	0.0	0.0						
cfm/ft²	0.66	0.20						
cfm/ton	324.62							
ft²/ton	489.98							
Btu/hr·ft²	24.49	-22.26						
No. People	0.0	0.0/1000 ft ²						

COOLING COIL SELECTION										
	Total (ton	Capacity MBh	Sens Cap. MBh	Coil Airflow cfm	E r °F		/WB/HR gr/lb	Lea °F	ve DB	/WB/HR gr/lb
Main Clg Aux Clg	0.1 0.0	1.4 0.0	1.2 0.0	37 0	78.5 0.0	63.8 0.0	65.0 0.0	51.6 0.0	51.0 0.0	54.7 0.0
Opt Vent	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0
Total	0.1	1.4								

	AREAS			
(Gross Total	Glass		
		ft²	(%)	
Floor	57			
Part	0			
Int Door	0			
ExFlr	7			
Roof	62	0	0	
Wall	79	33	42	ŀ
Ext Door	0	0	0	

HEATING COIL SELECTION							
	Capacity	Coil Airflow	Ent	Lvg			
	MBh	cfm	°F	°F			
Main Htg	-1.3	11	51.6	152.0			
Aux Htg	0.0	0	0.0	0.0			
Preheat	0.0	0	0.0	0.0			
Reheat	-0.2	11	51.6	70.0			
Humidif	0.0	0	0.0	0.0			
Opt Vent Total	0.0 -1.3	0	0.0	0.0			

By RLF

115 SOIL

	COOLING C	OIL PEAK			CLG SPACE	PEAK		HEATING CO	IL PEAK	
	d at Time: utside Air:	Mo/Hr OADB/WB/HR	: 7 / 15 : 88 / 78 / 1	29	Mo/Hr: OADB:		· · ·	Mo/Hr: He OADB: 38	ating Design	
	Space Sens. + Lat.	Plenum Sens. + Lat	Net Total	Percent Of Total	Space Sensible	Percent Of Total	1 1 1	Space Peak Space Sens	Coil Peak Tot Sens	
	Btu/h	Btu/h	Btu/h	(%)	Btu/h	(%)	1 1	Btu/h	Btu/h	(%)
Envelope Loads							Envelope Loads			
Skylite Solar	0	0	0	0	0	0	,	0	0	0.00
Skylite Cond	0	0	0	0	0	0		0	0	0.00
Roof Cond	0	152	152	17	0	0		0	-57	9.53
Glass Solar	0	0	0	0 ;	0	0	,	0	0	0.00
Glass/Door Cond	0	0	0	0 ;	0	0		0	0	0.00
Wall Cond	240	72	312	35 ;	240	47		-181	-237	39.83
Partition/Door	0		0	0	0	0		0	0	0.00
Floor	0		0	0	0.00	0		-73	-73	12.31
Adjacent Floor	0.00	0.00	0.00	0.00	0.00	0.00	, ,	0.00	0.00	0.00
Infiltration	298		298	33 ;	73	14	t contract to the contract to	-180	-180	30.19
Sub Total ==>	538	225	763	85	313	62	Sub Total ==>	-434	-547	91.86
Internal Loads				:			Internal Loads			
Lights	122	31	153	17	122	24	Lights	0	0	0.00
People	0	0	0	0 :	0	0	People	0	0	0.00
Misc	0	0	0	0	0	0	Misc	0	0	0.00
Sub Total ==>	122	31	153	17	122	24	Sub Total ==>	0	0	0.00
Ceiling Load	70	-70	0	0 :	70	14	Ceiling Load	-42	0	0.00
Ventilation Load	0	0	0	0	0	0	Ventilation Load	0	0	0.00
Adj Air Trans Heat	0		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	0	Exhaust Heat	-	13	-2.23
Exhaust Heat	· ·	-22	-22	-2	O	· ·	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		-104	17.45
Duct Heat Pkup		Ö	0	0			System Plenum Heat		42	-7.08
Underfir Sup Ht Pku	p		0	0:			Underfir Sup Ht Pkup		0	0.00
Supply Air Leakage	r	0	0	0			Supply Air Leakage		0	0.00
Grand Total ==>	731	163	893	100.00	505	100.00	Grand Total ==>	-476	-596	100.00

TEMPERATURES							
Cooling Heating							
SADB	51.6	143.6					
Ra Plenum	79.0	67.6					
Return	79.0	67.6					
Ret/OA	79.0	67.6					
Fn MtrTD	0.0	0.0					
Fn BldTD	0.0	0.0					
Fn Frict	0.0	0.0					

AIRFLOWS								
Cooling Heating								
Diffuser	19	6						
Terminal Main Fan	19 19	6 6						
Sec Fan	0	0						
Nom Vent	0	0						
AHU Vent	0	0						
Infil	5	5						
MinStop/Rh	6	6						
Return	24	11						
Exhaust	5	5						
Rm Exh	0	0						
Auxiliary	0	0						
Leakage Dwn	0	0						
Leakage Ups	0	0						

ENG	ENGINEERING CKS							
Cooling Heating								
% OA	0.0	0.0						
cfm/ft²	0.35	0.10						
cfm/ton	260.05							
ft²/ton	752.22							
Btu/hr·ft²	15.95	-10.63						
No. People	0.0	0.0/1000 ft ²						

COOLING COIL SELECTION										
	Total (Capacity MBh	Sens Cap. MBh	Coil Airflow cfm	E r °F		/WB/HR gr/lb	Lea °F		/WB/HR gr/lb
Main Clg	0.1	0.9	0.7	19	79.0	63.9	65.0	51.6	47.7	42.9
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	0.1	0.9								

Gros	AREAS s Total	Glass	; (%)	
Floor Part	56 0			N
Int Door ExFIr Roof	0 5 61	0	0	P R H
Wall	55	0	0	C
Ext Door	0	0	0	7

HEATING COIL SELECTION									
	Capacity	Coil Airflow	Ent	Lvg					
	MBh	cfm	°F	°F					
Main Htg	-0.6	6	51.6	143.6					
Aux Htg	0.0	0	0.0	0.0					
Preheat	0.0	0	0.0	0.0					
Reheat	-0.1	6	51.6	70.0					
Humidif Opt Vent	0.0 0.0	0	0.0	0.0 0.0					
Total	-0.6								

By RLF

116 MANAGER OFF

	COOLING C	OIL PEAK			CLG SPACE	PEAK		HEATING CO	IL PEAK	
	ed at Time: outside Air:	Mo/Hi OADB/WB/HR	r: 7 / 17 R: 87 / 78 / 1	32	Mo/Hr: OADB:			Mo/Hr: He OADB: 38	eating Design 3	
	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							Envelope Loads			
Skylite Solar	0	0	0	0 :	0	0		0	0	0.00
Skylite Cond	0	0	0	0	0	0	Skylite Cond	0	0	0.00
Roof Cond	0	216	216	7	0	0	Roof Cond	0	-103	5.67
Glass Solar	341	0	341	12	373	20	Glass Solar	0	0	0.00
Glass/Door Cond	230	0	230	8 ;	204	11 :	Glass/Door Cond	-590	-590	32.36
Wall Cond	318	157	474	16 :	350	19	Wall Cond	-238	-356	19.52
Partition/Door	0		0	0 :	0	0 :	Partition/Door	0	0	0.00
Floor	0		0	0 :	0.00	0	Floor	-155	-155	8.49
Adjacent Floor	0.00	0.00	0.00	0.00	0.00	0.00	Adjacent Floor	0.00	0.00	0.00
Infiltration	551		551	19	103	6	Infiltration	-327	-327	17.97
Sub Total ==>	1,440	373	1,812	61	1,029	56	Sub Total ==>	-1,309	-1,531	84.00
Internal Loads						:	Internal Loads			
Lights	223	56	279	9	223	12	Lights	0	0	0.00
People	900	0	900	30	500	27	People	0	0	0.00
Misc	0	0	0	0:	0	0		0	0	0.00
Sub Total ==>	1,123	56	1,179	40	723	39	Sub Total ==>	0	0	0.00
Ceiling Load	112	-112	0	0	98	5	Ceiling Load	-76	0	0.00
Ventilation Load	0	0	0	0 :	0	0	.	0	0	0.00
Adj Air Trans Heat	0	O	0	0	0	- ,	Adj Air Trans Heat	0	0	0.00
Dehumid. Ov Sizing	-		-		U	U :	Ov/Undr Sizing	0	0	0.00
Ov/Undr Sizing			0	0 :	0		Exhaust Heat	U	24	-1.33
Exhaust Heat	0	-36	0 -36	0 ; -1 ·	0	U	OA Preheat Diff.		0	0.00
Sup. Fan Heat		-30	-36	0			RA Preheat Diff.		0	0.00
Ret. Fan Heat		0	0	0:			Additional Reheat		-381	20.88
Duct Heat Pkup		0	0	0:		;	System Plenum Heat		-361 65	-3.55
Underfir Sup Ht Pku	ın	U	0	0:		;	Underfir Sup Ht Pkup		0	0.00
Supply Air Leakage	•	0	0	0			Supply Air Leakage		0	0.00
Grand Total ==>	2,675	280	2,955	100.00	1,850	100.00	Grand Total ==>	-1,386	-1,823	100.00

ТЕМ	TEMPERATURES							
	Cooling	Heating						
SADB	51.6	128.5						
Ra Plenum	78.5	67.6						
Return	78.5	67.6						
Ret/OA	78.5	67.6						
Fn MtrTD	0.0	0.0						
Fn BldTD	0.0	0.0						
Fn Frict	0.0	0.0						

AIRFLOWS								
	Cooling	Heating						
Diffuser	71	21						
Terminal Main Fan	71 71	21 21						
Sec Fan	0	0						
Nom Vent	0	0						
AHU Vent	0	0						
Infil	9	9						
MinStop/Rh	21	21						
Return	80	30						
Exhaust	9	9						
Rm Exh	0	0						
Auxiliary	0	0						
Leakage Dwn	0	0						
Leakage Ups	0	0						

ENG	ENGINEERING CKS									
	Cooling Heating									
% OA	0.0	0.0								
cfm/ft²	0.69	0.21								
cfm/ton	287.82									
ft²/ton	414.18									
Btu/hr·ft²	28.97	-17.87								
No. People	2.0	19.6/1000 ft²								

	COOLING COIL SELECTION										
	Total C	Total Capacity Sens Cap. Coil Airflow			Enter DB/WB/HR			Leave DB/WB/HR			
	ton	MBh	MBh	cfm	°F	°F	gr/lb	°F	°F	gr/lb	
Main Clg	0.3	3.0	2.1	71	78.5	63.8	65.0	51.6	49.2	48.1	
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	0.3	3.0									

	AREAS			
(Gross Total	Glas:	s (%)	
Floor	102		(70)	,
Part	0			
Int Door	0			F
ExFlr	10			F
Roof	111	0	0	H
Wall	116	33	28	
Ext Door	0	0	0	7

HEATING COIL SELECTION									
	Capacity	Coil Airflow	Ent	Lvg					
	MBh	cfm	°F	°F					
Main Htg	-1.8	21	51.6	128.5					
Aux Htg	0.0	0	0.0	0.0					
Preheat	0.0	0	0.0	0.0					
Reheat	-0.4	21	51.6	70.0					
Humidif Opt Vent	0.0 0.0	0	0.0	0.0 0.0					
Total	-1.8								

Project Name: HealthFirst Medico

21184.TRC

Dataset Name:

By RLF

117 BREAK ROOM

	COOLING C	OIL PEAK			CLG SPACE	PEAK		HEATING CO	IL PEAK	
	d at Time: utside Air:	Mo/Hi OADB/WB/HR	r: 7 / 17 R: 87 / 78 / 1	32	Mo/Hr: OADB:			Mo/Hr: He OADB: 38	eating Design 3	
	Space Sens. + Lat.	Plenum Sens. + Lat	Net Total	Percent Of Total	Space Sensible	Percent Of Total		Space Peak Space Sens	Coil Peak Tot Sens	
	Btu/h	Btu/h	Btu/h	(%)	Btu/h	(%)	, 1	Btu/h	Btu/h	(%)
Envelope Loads				1		` '	Envelope Loads			` '
Skylite Solar	0	0	0	0 :	0	0	Skylite Solar	0	0	0.00
Skylite Cond	0	0	0	0 :	0	0	Skylite Cond	0	0	0.00
Roof Cond	0	389	389	5	0	0	Roof Cond	0	-186	4.80
Glass Solar	341	0	341	4	373	7	Glass Solar	0	0	0.00
Glass/Door Cond	411	0	411	5 :	364	7	Glass/Door Cond	-1,049	-1,049	27.02
Wall Cond	784	337	1,122	14 ;	863	17	Wall Cond	-586	-841	21.67
Partition/Door	0		0	0 :	0	0	Partition/Door	0	0	0.00
Floor	0		0	0 :	0.00	0	Floor	-333	-333	8.58
Adjacent Floor	0.00	0.00	0.00	0.00	0.00	0.00	Adjacent Floor	0.00	0.00	0.00
Infiltration	1,000		1,000	13	187	4	Infiltration	-594	-594	15.30
Sub Total ==>	2,536	726	3,262	41	1,787	36	Sub Total ==>	-2,562	-3,003	77.37
Internal Loads							Internal Loads			
Lights	404	101	505	6	404	8	Lights	0	0	0.00
People	3,600	0	3,600	45	2,000	40		0	0	0.00
Misc	631	0	631	8	631	13		0	0	0.00
Sub Total ==>	4,636	101	4,737	60	3,036	61	Sub Total ==>	0	0	0.00
Ceiling Load	204	-204	0	0	178	4	Ceiling Load	-139	0	0.00
Ventilation Load	0	0	0	0:	0		Ventilation Load	0	0	0.00
Adj Air Trans Heat	0	· ·	0	0	0		Adj Air Trans Heat	0	0	0
Dehumid. Ov Sizing	-		0	0	o o	· ·	Ov/Undr Sizing	0	0	0.00
Ov/Undr Sizing	0		0	0	0	٥	Exhaust Heat	· ·	44	-1.13
Exhaust Heat	U	-65	-65	-1	O	U	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		-1,028	26.50
Duct Heat Pkup		Ö	Ö	0			System Plenum Heat		106	-2.74
Underfir Sup Ht Pku	ıp		0	0:			Underfir Sup Ht Pkup		0	0.00
Supply Air Leakage	•	0	0	0			Supply Air Leakage		0	0.00
Grand Total ==>	7,375	559	7,934	100.00	5,001	100.00	Grand Total ==>	-2,701	-3,881	100.00

TEMPERATURES						
	Cooling	Heating				
SADB	51.6	112.2				
Ra Plenum	78.5	67.6				
Return	78.5	67.6				
Ret/OA	78.5	67.6				
Fn MtrTD	0.0	0.0				
Fn BldTD	0.0	0.0				
Fn Frict	0.0	0.0				

AIRFLOWS								
	Cooling Heating							
Diffuser	192	57						
Terminal Main Fan	192 192	57 57						
Sec Fan	0	0						
Nom Vent	0	0						
AHU Vent	0	0						
Infil	17	17						
MinStop/Rh	57	57						
Return	208	74						
Exhaust	17	17						
Rm Exh	0	0						
Auxiliary	0	0						
Leakage Dwn	0	0						
Leakage Ups	0	0						

ENGINEERING CKS						
Cooling Heating						
% OA	0.0	0.0				
cfm/ft²	1.04	0.31				
cfm/ton	289.72					
ft ² /ton	279.80					
Btu/hr·ft²	42.89	-20.98				
No. People	8.0	43.2/1000 ft ²				

COOLING COIL SELECTION										
	Total (Capacity MBh	Sens Cap. MBh	Coil Airflow cfm		ter DB °F	/WB/HR gr/lb	Lea °F	ve DB	/WB/HR gr/lb
Main Clg	0.7	7.9	5.6	191		63.8	65.0	51.6		48.7
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	0.7	7.9								

	AREAS			
(Gross Total	Glass		
		ft²	(%)	
Floor	185			ı
Part	0			1
Int Door	0			ŀ
ExFlr	21			ı
Roof	200	0	0	ŀ
Wall	229	33	14	ŀ
Ext Door	21	0	0	

HEATING COIL SELECTION									
	Capacity	Coil Airflow	Ent	Lvg					
	MBh	cfm	°F	°F					
Main Htg	-3.9	57	51.6	112.2					
Aux Htg	0.0	0	0.0	0.0					
Preheat	0.0	0	0.0	0.0					
Reheat	-1.2	57	51.6	70.0					
Humidif Opt Vent	0.0 0.0	0	0.0	0.0 0.0					
Total	-3.9								

By RLF

118 S TLT

	COOLING C	OIL PEAK			CLG SPACE	PEAK	K HEATING COIL PEAK			
	d at Time: utside Air:	Mo/Hi OADB/WB/HR	r: 7 / 18 R: 85 / 77 / 1	27	Mo/Hr: OADB:			Mo/Hr: He OADB: 38	ating Design	
	Space Sens. + Lat.	Plenum Sens. + Lat	Net Total	Percent Of Total	Space Sensible	Percent Of Total	· · · · · · · · · · · · · · · · · · ·	Space Peak Space Sens	Coil Peak Tot Sens	
	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	0.00
Skylite Cond	0	0	0	0	0	0		0	0	0.00
Roof Cond	0	260	260	9	0	0		0	-119	7.95
Glass Solar	0	0	0	0 ;	0	0	,	0	0	0.00
Glass/Door Cond	0	0	0	0 :	0	0		0	0	0.00
Wall Cond	1,754	565	2,319	80 :	1,754	91		-617	-808	53.92
Partition/Door	0		0	0 :	0	0	Partition/Door	0	0	0.00
Floor	0		0	0 :	0.00	0	Floor	-250	-250	16.66
Adjacent Floor	0.00	0.00	0.00	0.00	0.00	0.00	Adjacent Floor	0.00	0.00	0.00
Infiltration	218		218	7	45	2	Infiltration	-141	-141	9.43
Sub Total ==>	1,972	825	2,797	96	1,799	93	Sub Total ==>	-1,008	-1,318	87.96
Internal Loads							Internal Loads			
Lights	96	24	120	4	96	5	Lights	0	0	0.00
People	0	0	0	0 :	0	0	, 0	0	0	0.00
Misc	0	0	0	0:	0	0		0	0	0.00
Sub Total ==>	96	24	120	4	96	5	Sub Total ==>	0	0	0.00
Ceiling Load	42	-42	0	0	42	2	Ceiling Load	-33	0	0.00
Ventilation Load	0	0	0	0	0	0	Ventilation Load	0	0	0.00
Adj Air Trans Heat	0		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	0	Exhaust Heat	ŭ	10	-0.70
Exhaust Heat	U	-13	-13	0	U	U	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		-398	26.59
Duct Heat Pkup		0	0	0:			System Plenum Heat		208	-13.86
Underfir Sup Ht Pku	ın	ŭ	0	0			Underfir Sup Ht Pkup		0	0.00
Supply Air Leakage	•	0	0	0			Supply Air Leakage		0	0.00
Grand Total ==>	2,110	793	2,903	100.00	1,937	100.00	Grand Total ==>	-1,041	-1,498	100.00

TEMPERATURES						
Cooling Heating						
SADB	51.6	112.0				
Ra Plenum	78.0	67.6				
Return	78.0	67.6				
Ret/OA	78.0	67.6				
Fn MtrTD	0.0	0.0				
Fn BldTD	0.0	0.0				
Fn Frict	0.0	0.0				

AIRFLOWS							
Cooling Heating							
Diffuser	74	22					
Terminal Main Fan	74 74	22 22					
Sec Fan	0	0					
Nom Vent	0	0					
AHU Vent	0	0					
Infil	4	4					
MinStop/Rh	22	22					
Return	78	26					
Exhaust	4	4					
Rm Exh	0	0					
Auxiliary	0	0					
Leakage Dwn	0	0					
Leakage Ups	0	0					

ENGINEERING CKS						
Cooling Heating						
% OA	0.0	0.0				
cfm/ft²	1.69	0.51				
cfm/ton	306.69					
ft²/ton	181.86					
Btu/hr·ft²	65.98	-34.05				
No. People	0.0	0.0/1000 ft ²				

COOLING COIL SELECTION										
	Total (Capacity	Sens Cap.	Coil Airflow	Enter DB/WB/HR			Leave DB/WB/HR		
	ton	MBh	MBh	cfm	°F	°F	gr/lb	°F	°F	gr/lb
Main Clg	0.2	2.9	2.7	74	78.0	63.6	65.0	51.6	50.1	51.4
Aux Clg	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0
Opt Vent	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0
Total	0.2	2.9								

	AREAS			
(Gross Total	Glass	-	
		ft²	(%)	
Floor	44			ı
Part	0			1
Int Door	0			ı
ExFlr	16			ı
Roof	128	0	0	ŀ
Wall	187	0	0	(
Ext Door	0	0	0	

HEATING COIL SELECTION						
	Capacity	Coil Airflow	Ent	Lvg		
	MBh	cfm	°F	°F		
Main Htg	-1.5	22	51.6	112.0		
Aux Htg	0.0	0	0.0	0.0		
Preheat	0.0	0	0.0	0.0		
Reheat	-0.5	22	51.6	70.0		
Humidif	0.0	0	0.0	0.0		
Opt Vent	0.0		0.0	0.0		
Total	-1.5					

By RLF

119 CONF/CONSULT

	COOLING C	OIL PEAK			CLG SPACE	PEAK		HEATING CO	IL PEAK	
	d at Time: utside Air:	Mo/Hi OADB/WB/HR	r: 8 / 17 R: 86 / 78 / 1	31	Mo/Hr: OADB:		· · ·	Mo/Hr: He OADB: 38	eating Design	
	Space Sens. + Lat.	Plenum Sens. + Lat	Net Total	Percent Of Total	Space Sensible	Percent Of Total	1 1 1 1	Space Peak Space Sens	Coil Peak Tot Sens	
	Btu/h	Btu/h	Btu/h	(%)	Btu/h	(%)	1 1	Btu/h	Btu/h	(%)
Envelope Loads				- :			Envelope Loads			
Skylite Solar	0	0	0	0	0	0	,	0	0	0.00
Skylite Cond	0	0	0	0	0	0		0	0	0.00
Roof Cond	0	203	203	4	0	0		0	-102	5.01
Glass Solar	992	0	992	17	992	26	Glass Solar	0	0	0.00
Glass/Door Cond	109	0	109	2 :	109	3		-295	-295	14.44
Wall Cond	1,337	547	1,884	33 ;	1,337	34		-284	-394	19.27
Partition/Door	0		0	0 :	0	0	Partition/Door	0	0	0.00
Floor	0		0	0 :	0.00	0	Floor	-144	-144	7.05
Adjacent Floor	0.00	0.00	0.00	0.00	0.00	0.00	Adjacent Floor	0.00	0.00	0.00
Infiltration	536		536	9	113	3	Infiltration	-327	-327	16.03
Sub Total ==>	2,975	751	3,725	65	2,551	66	Sub Total ==>	-1,050	-1,262	61.80
Internal Loads							Internal Loads			
Lights	223	56	279	5	223	6	Lights	0	0	0.00
People	1,800	0	1,800	31	1,000	26	People	0	0	0.00
Misc	0	0	0	0	0	0		0	0	0.00
Sub Total ==>	2,023	56	2,079	36	1,223	31	Sub Total ==>	0	0	0.00
Ceiling Load	109	-109	0	0	109	3	Ceiling Load	-76	0	0.00
Ventilation Load	0	0	0	0	0	0	Ventilation Load	0	0	0.00
Adj Air Trans Heat	0		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	0	Exhaust Heat		24	-1.18
Exhaust Heat	· ·	-34	-34	-1	Ŭ	·	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		-799	39.09
Duct Heat Pkup		Ö	Ö	0			System Plenum Heat		-6	0.29
Underfir Sup Ht Pku	ıp	-	0	0:			Underfir Sup Ht Pkup		0	0.00
Supply Air Leakage	•	0	0	0			Supply Air Leakage		0	0.00
Grand Total ==>	5,106	663	5,769	100.00	3,883	100.00	Grand Total ==>	-1,126	-2,042	100.00

TEMPERATURES					
Cooling Heating					
SADB	51.6	92.7			
Ra Plenum	78.4	67.6			
Return	78.4	67.6			
Ret/OA	78.4	67.6			
Fn MtrTD	0.0	0.0			
Fn BldTD	0.0	0.0			
Fn Frict	0.0	0.0			

AIRFLOWS						
Cooling Heating						
Diffuser	149	45				
Terminal Main Fan	149 149	45 45				
Sec Fan	0	0				
Nom Vent	0	0				
AHU Vent	0	0				
Infil	9	9				
MinStop/Rh	45	45				
Return	158	54				
Exhaust	9	9				
Rm Exh	0	0				
Auxiliary	0	0				
Leakage Dwn	0	0				
Leakage Ups	0	0				

ENGINEERING CKS						
Cooling Heating						
% OA	0.0	0.0				
cfm/ft²	1.46	0.44				
cfm/ton	309.34					
ft²/ton	212.15					
Btu/hr·ft²	56.56	-20.02				
No. People	4.0	39.2/1000 ft ²				

COOLING COIL SELECTION									
Total C ton	Capacity MBh	Sens Cap. MBh	Coil Airflow cfm			/WB/HR gr/lb	Lea °F	ve DB/ °F	WB/HR gr/lb
0.5	5.8	4.6	149			65.0			52.3
0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0
0.5	5.8								
	ton 0.5 0.0 0.0	0.5 5.8 0.0 0.0 0.0 0.0	Total Capacity ton Sens Cap. 0.5 5.8 4.6 0.0 0.0 0.0 0.0 0.0 0.0	Total Capacity ton Sens Cap. MBh Coil Airflow Cfm 0.5 5.8 4.6 149 0.0 0.0 0.0 0 0.0 0.0 0 0	Total Capacity ton Sens Cap. MBh Coil Airflow MBh Er cfm 0.5 5.8 4.6 149 78.4 0.0 0.0 0.0 0 0 0.0 0.0 0.0 0.0 0 0 0.0	Total Capacity ton Sens Cap. MBh Coil Airflow Cfm Enter DB, °F °F 0.5 5.8 4.6 149 78.4 63.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	Total Capacity ton Sens Cap. MBh Coil Airflow cfm Enter DB/WB/HR 0.5 5.8 4.6 149 78.4 63.7 65.0 0.0 0.0 0.0 0 0.0 0.0 0.0 0.0 0.0 0.0 0 0.0 0.0 0.0	Total Capacity ton Sens Cap. MBh Coil Airflow cfm Enter DB/WB/HR °F Lea 0.5 5.8 4.6 149 78.4 63.7 65.0 51.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	Total Capacity ton Sens Cap. MBh Coil Airflow cfm Enter DB/WB/HR °F °F Leave DB/ °F °F 0.5 5.8 4.6 149 78.4 63.7 65.0 51.6 50.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0

	AREAS			
(Gross Total	Glass		
		ft²	(%)	
Floor	102			ľ
Part	0			1
Int Door	0			F
ExFlr	9			F
Roof	110	0	0	H
Wall	108	16	15	
Ext Door	0	0	0	7

HEATING COIL SELECTION						
	Capacity	Coil Airflow	Ent	Lvg		
	MBh	cfm	°F	°F		
Main Htg	-2.0	45	51.6	92.7		
Aux Htg	0.0	0	0.0	0.0		
Preheat	0.0	0	0.0	0.0		
Reheat	-0.9	45	51.6	70.0		
Humidif Opt Vent	0.0 0.0	0	0.0	0.0 0.0		
Total	-2.0					

By RLF

120 PROVIDER OFF

	COOLING C	OIL PEAK			CLG SPACE	PEAK		HEATING CO	IL PEAK	
	d at Time: utside Air:	Mo/H OADB/WB/HF	r: 8 / 17 R: 86 / 78 / 1	31	Mo/Hr: OADB:			Mo/Hr: He OADB: 38	eating Design	
	Space Sens. + Lat.	Plenum Sens. + Lat	Net Total	Percent Of Total	Space Sensible	Percent Of Total		Space Peak Space Sens	Coil Peak Tot Sens	
	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	0.00
Skylite Cond	0	0	0	0	0	0	, ,	0	0	0.00
Roof Cond	0	294	294	6	0	0		0	-114	5.72
Glass Solar	992	0	992	20 ;	992	29	Glass Solar	0	0	0.00
Glass/Door Cond	109	0	109	2 :	109	3		-295	-295	14.87
Wall Cond	1,344	550	1,894	37 :	1,344	39		-285	-396	19.95
Partition/Door	0		0	0 :	0	0		0	0	0.00
Floor	0		0	0	0.00	0		-145	-145	7.29
Adjacent Floor	0.00	0.00	0.00	0.00	0.00	0.00	Adjacent Floor	0.00	0.00	0.00
Infiltration	594		594	12	125	4	Infiltration	-363	-363	18.29
Sub Total ==>	3,040	843	3,883	77	2,571	75	Sub Total ==>	-1,087	-1,311	66.12
Internal Loads							Internal Loads			
Lights	247	62	309	6	247	7	Lights	0	0	0.00
People	900	0	900	18	500	15	People	0	0	0.00
Misc	0	0	0	0 :	0	0		0	0	0.00
Sub Total ==>	1,147	62	1,209	24	747	22	Sub Total ==>	0	0	0.00
Ceiling Load	121	-121	0	0	121	4	Ceiling Load	-85	0	0.00
Ventilation Load	0	0	0	0	0	0	Ventilation Load	0	0	0.00
Adj Air Trans Heat	0		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	0	Exhaust Heat	· ·	27	-1.35
Exhaust Heat	O	-38	-38	-1	O	· ·	OA Preheat Diff.		0	0.00
Sup. Fan Heat		00	0	0		;	RA Preheat Diff.		0	0.00
Ret. Fan Heat		0	0	0			Additional Reheat		-707	35.65
Duct Heat Pkup		Ö	Ö	0			System Plenum Heat		8	-0.42
Underfir Sup Ht Pku	ıp	-	0	0:			Underfir Sup Ht Pkup		0	0.00
Supply Air Leakage	•	0	0	0		:	Supply Air Leakage		0	0.00
Grand Total ==>	4,307	746	5,054	100.00	3,438	100.00	Grand Total ==>	-1,172	-1,983	100.00

TEMPERATURES					
Cooling Heating					
SADB	51.6	96.6			
Ra Plenum	78.4	67.6			
Return	78.4	67.6			
Ret/OA	78.4	67.6			
Fn MtrTD	0.0	0.0			
Fn BldTD	0.0	0.0			
Fn Frict	0.0	0.0			

AIRFLOWS						
Cooling Heating						
Diffuser	132	40				
Terminal Main Fan	132 132	40 40				
Sec Fan	0	0				
Nom Vent	0	0				
AHU Vent	0	0				
Infil	10	10				
MinStop/Rh	40	40				
Return	142	50				
Exhaust	10	10				
Rm Exh	0	0				
Auxiliary	0	0				
Leakage Dwn	0	0				
Leakage Ups	0	0				

ENGINEERING CKS					
Cooling Heating					
% OA	0.0	0.0			
cfm/ft²	1.17	0.35			
cfm/ton	312.70				
ft²/ton	268.31				
Btu/hr·ft²	44.72	-17.55			
No. People	2.0	17.7/1000 ft ²			

COOLING COIL SELECTION										
	Total (Capacity MBh	Sens Cap. MBh	Coil Airflow cfm	E r °F		/WB/HR gr/lb	Lea °F	ve DB	/WB/HR gr/lb
Main Clg	0.4	5.1	4.2	132	78.4	63.7	65.0	51.6	50.5	52.9
Aux Clg	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0
Opt Vent	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0
Total	0.4	5.1								

Gros	AREAS ss Total	Glass	s (%)	
Floor Part	113 0		(70)	Ma Au
Int Door	0			Pre
ExFir Roof	9 122	0	0	Re Hu
Wall	108	16	15	Op
Ext Door	0	0	0	To

HE	ATING COI	L SELECTI	ON	
	Capacity	Coil Airflow	Ent	Lvg
	MBh	cfm	°F	°F
Main Htg	-2.0	40	51.6	96.6
Aux Htg	0.0	0	0.0	0.0
Preheat	0.0	0	0.0	0.0
Reheat	-0.8	40	51.6	70.0
Humidif Opt Vent	0.0 0.0	0	0.0	0.0 0.0
Total	-2.0			

By RLF

121 EXAM ROOM 10

	COOLING C	OIL PEAK			CLG SPACE	PEAK		HEATING CO	OIL PEAK	
	d at Time: utside Air:	Mo/H OADB/WB/HF	r: 8 / 17 R: 86 / 78 / 1	31	Mo/Hr: OADB:			Mo/Hr: He OADB: 3	eating Design 8	
	Space Sens. + Lat.	Plenum Sens. + Lat	Net Total	Percent Of Total	Space Sensible	Percent Of Total	· · · · · · · · · · · · · · · · · · ·	Space Peak Space Sens	Coil Peak Tot Sens	
	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	0.00
Skylite Cond	0	0	0	0	0	0	Skylite Cond	0	0	0.00
Roof Cond	0	303	303	4 :	0	0	,	0	-117	4.33
Glass Solar	1,985	0	1,985	29 ;	1,985	40	-	0	0	0.00
Glass/Door Cond	218	0	218	3 ;	218	4		-590	-590	21.77
Wall Cond	1,407	682	2,089	31 ;	1,407	28		-299	-435	16.07
Partition/Door	0		0	0 :	0	0		0	0	0.00
Floor	0		0	0	0.00	0		-179	-179	6.62
Adjacent Floor	0.00	0.00	0.00	0.00	0.00	0.00	,	0.00	0.00	0.00
Infiltration	610		610	9 :	128	3	Infiltration	-372	-372	13.75
Sub Total ==>	4,220	985	5,205	77	3,738	75	Sub Total ==>	-1,440	-1,694	62.53
Internal Loads							Internal Loads			
Lights	253	63	317	5 :	253	5	Lights	0	0	0.00
People	900	0	900	13	500	10	People	0	0	0.00
Misc	396	0	396	6	396	8	Misc	0	0	0.00
Sub Total ==>	1,549	63	1,613	24	1,149	23	Sub Total ==>	0	0	0.00
Ceiling Load	124	-124	0	0	124	2	Ceiling Load	-87	0	0.00
Ventilation Load	0	0	0	0	0	0	Ventilation Load	0	0	0.00
Adj Air Trans Heat	0		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	0	Exhaust Heat		28	-1.02
Exhaust Heat	· ·	-39	-39	-1	ŭ	ŭ	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		-1,031	38.04
Duct Heat Pkup		0	0	0			System Plenum Heat		-12	0.45
Underfir Sup Ht Pku	ıp		0	0			Underfir Sup Ht Pkup		0	0.00
Supply Air Leakage	•	0	0	0			Supply Air Leakage		0	0.00
Grand Total ==>	5,893	885	6,779	100.00	5,011	100.00	Grand Total ==>	-1,527	-2,709	100.00

TEMPERATURES						
	Cooling	Heating				
SADB	51.6	93.8				
Ra Plenum	78.4	67.6				
Return	78.4	67.6				
Ret/OA	78.4	67.6				
Fn MtrTD	0.0	0.0				
Fn BldTD	0.0	0.0				
Fn Frict	0.0	0.0				

AIRFLOWS						
	Cooling	Heating				
Diffuser	192	58				
Terminal Main Fan	192 192	58 58				
Sec Fan	0	0				
Nom Vent	0	0				
AHU Vent	0	0				
Infil	10	10				
MinStop/Rh	58	58				
Return	202	68				
Exhaust	10	10				
Rm Exh	0	0				
Auxiliary	0	0				
Leakage Dwn	0	0				
Leakage Ups	0	0				

ENGINEERING CKS							
	Cooling	Heating					
% OA	0.0	0.0					
cfm/ft²	1.65	0.50					
cfm/ton	339.83						
ft²/ton	205.35						
Btu/hr·ft²	58.44	-23.36					
No. People	2.0	17.2/1000 ft ²					

Main Clg 0.6 6.8 5.9 192 78.4.63.7 6	r/lb °F °F gr/lb
•	5.0 51.6 51.5 56.7
Aux Clg 0.0 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 0.0

	AREAS			
(Gross Total	Glas:	s (%)	
			(70)	
Floor	116			
Part	0			1
Int Door	0			F
ExFlr	11			F
Roof	126	0	0	ŀ
Wall	135	33	25	
Ext Door	0	0	0	7

Н	EATING COI	L SELECTI	ON	
	Capacity	Coil Airflow	Ent	Lvg
	MBh	cfm	°F	°F
Main Htg	-2.7	58	51.6	93.8
Aux Htg	0.0	0	0.0	0.0
Preheat	0.0	0	0.0	0.0
Reheat	-1.2	58	51.6	70.0
Humidif	0.0	0	0.0	0.0
Opt Vent <i>Total</i>	0.0 -2.7	0	0.0	0.0

By RLF

122 EXAM ROOM 9

	COOLING C	OIL PEAK			CLG SPACE	PEAK		HEATING CO	OIL PEAK	
	d at Time:		r: 8 / 17	:	Mo/Hr:				eating Design	
	utside Air:	OADB/WB/HR	(: 80 / 78 / 1	31	OADB:	80	1 1 1	OADB: 38	5	
	Space Sens. + Lat.	Plenum Sens. + Lat	Net Total	Percent Of Total	Space Sensible	Percent Of Total		Space Peak Space Sens	Coil Peak Tot Sens	
	Btu/h	Btu/h	Btu/h	(%)	Btu/h	(%)	!	Btu/h	Btu/h	(%)
Envelope Loads				1			Envelope Loads			
Skylite Solar	0	0	0	0 :	0	0		0	0	0.00
Skylite Cond	0	0	0	0	0	0	Skylite Cond	0	0	0.00
Roof Cond	0	303	303	5	0	0		0	-117	4.49
Glass Solar	1,985	0	1,985	30	1,985	41	Glass Solar	0	0	0.00
Glass/Door Cond	218	0	218	3 ;	218	5		-590	-590	22.60
Wall Cond	1,221	621	1,841	28 :	1,221	25		-259	-384	14.70
Partition/Door	0		0	0 :	0	0		0	0	0.00
Floor	0		0	0 :	0.00	0		-163	-163	6.26
Adjacent Floor	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00
Infiltration	610		610	9 :	128	3		-372	-372	14.27
Sub Total ==>	4,034	924	4,958	76	3,552	74	Sub Total ==>	-1,384	-1,626	62.32
Internal Loads							Internal Loads			
Lights	253	63	317	5 :	253	5	Lights	0	0	0.00
People	900	0	900	14	500	10	People	0	0	0.00
Misc	396	0	396	6	396	8	Misc	0	0	0.00
Sub Total ==>	1,549	63	1,613	25	1,149	24	Sub Total ==>	0	0	0.00
Ceiling Load	124	-124	0	0	124	3	Ceiling Load	-87	0	0.00
Ventilation Load	0	0	0	0:	0	0	Ventilation Load	0	0	0.00
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	0	Exhaust Heat		28	-1.05
Exhaust Heat		-39	-39	-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		-992	38.02
Duct Heat Pkup		0	0	0 :			System Plenum Heat		-19	0.71
Underfir Sup Ht Pku	р		0	0 :			Underfir Sup Ht Pkup		0	0.00
Supply Air Leakage	-	0	0	0			Supply Air Leakage		0	0.00
Grand Total ==>	5,707	825	6,531	100.00	4,825	100.00	Grand Total ==>	-1,471	-2,610	100.00

TEMPERATURES						
	Cooling	Heating				
SADB	51.6	93.8				
Ra Plenum	78.4	67.6				
Return	78.4	67.6				
Ret/OA	78.4	67.6				
Fn MtrTD	0.0	0.0				
Fn BldTD	0.0	0.0				
Fn Frict	0.0	0.0				

AIRFLOWS								
Cooling Heating								
Diffuser	185	55						
Terminal Main Fan	185 185	55 55						
Sec Fan	0	0						
Nom Vent	0	0						
AHU Vent	0	0						
Infil	10	10						
MinStop/Rh	55	55						
Return	195	66						
Exhaust	10	10						
Rm Exh	0	0						
Auxiliary	0	0						
Leakage Dwn	0	0						
Leakage Ups	0	0						

ENGINEERING CKS							
Cooling Heating							
% OA	0.0	0.0					
cfm/ft²	1.59	0.48					
cfm/ton	339.57						
ft²/ton	213.13						
Btu/hr·ft²	56.30	-22.50					
No. People	2.0	17.2/1000 ft ²					

COOLING COIL SELECTION										
	Total C ton	Capacity MBh	Sens Cap. MBh	Coil Airflow cfm		ter DB °F	/WB/HR gr/lb	Lea °F	ve DB	/WB/HR gr/lb
Main Clg	0.5	6.5	5.7	185	78.4	63.7	65.0	51.6	51.5	56.7
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	0.5	6.5								

(AREAS Gross Total	Glas:	s (%)	
Floor Part	116 0			1
Int Door ExFir	0 10	•		F
Roof Wall	126 123	0 33	0 27	(
Ext Door	0	0	0	7

HEATING COIL SELECTION								
	Capacity	Coil Airflow	Ent	Lvg				
	MBh	cfm	°F	°F				
Main Htg	-2.6	55	51.6	93.8				
Aux Htg	0.0	0	0.0	0.0				
Preheat	0.0	0	0.0	0.0				
Reheat	-1.1	55	51.6	70.0				
Humidif	0.0	0	0.0	0.0				
Opt Vent <i>Total</i>	0.0 -2.6	0	0.0	0.0				

By RLF

123 EXAM ROOM 8

	COOLING C	OIL PEAK			CLG SPACE	PEAK		HEATING CO	IL PEAK	
	d at Time: utside Air:	Mo/Hi OADB/WB/HR	:: 8 / 17 :: 86 / 78 / 1	31	Mo/Hr: OADB:			Mo/Hr: He OADB: 38	eating Design	
	Space Sens. + Lat.	Plenum Sens. + Lat	Net Total	Percent Of Total	Space Sensible	Percent Of Total		Space Peak Space Sens	Coil Peak Tot Sens	
	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	0.00
Skylite Cond	0	0	0	0 }	0	0		0	0	0.00
Roof Cond	0	303	303	5	0	0		0	-117	5.32
Glass Solar	992	0	992	17 ;	992	24	Glass Solar	0	0	0.00
Glass/Door Cond	109	0	109	2 ;	109	3		-295	-295	13.37
Wall Cond	1,557	619	2,176	38 ;	1,557	38		-330	-455	20.62
Partition/Door	0		0	0	0	0		0	0	0.00
Floor	0		0	0 :	0.00	0		-163	-163	7.39
Adjacent Floor	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00
Infiltration	610		610	11 ;	128	3		-372	-372	16.89
Sub Total ==>	3,269	922	4,191	73	2,787	69	Sub Total ==>	-1,160	-1,402	63.58
Internal Loads							Internal Loads			
Lights	253	63	317	5	253	6	Lights	0	0	0.00
People	900	0	900	16	500	12		0	0	0.00
Misc	396	0	396	7	396	10		0	0	0.00
Sub Total ==>	1,549	63	1,613	28	1,149	28	Sub Total ==>	0	0	0.00
Ceiling Load	124	-124	0	0	124	3	Ceiling Load	-87	0	0.00
Ventilation Load	0	0	0	0:	0		Ventilation Load	0	0	0.00
Adj Air Trans Heat	0		0	0	0	0	Adj Air Trans Heat	0	0	0
Dehumid. Ov Sizing	-		0	0	ŭ	·	Ov/Undr Sizing	0	0	0.00
Ov/Undr Sizing	0		0	0	0	0	Exhaust Heat	· ·	28	-1.25
Exhaust Heat	· ·	-39	-39	-1	O .	· ·	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		-835	37.86
Duct Heat Pkup		0	0	0			System Plenum Heat		4	-0.19
Underfir Sup Ht Pku	р		0	0			Underfir Sup Ht Pkup		0	0.00
Supply Air Leakage	•	0	0	0			Supply Air Leakage		0	0.00
Grand Total ==>	4,942	823	5,764	100.00	4,060	100.00	Grand Total ==>	-1,247	-2,205	100.00

TEMPERATURES							
Cooling Heating							
SADB	51.6	94.0					
Ra Plenum	78.4	67.6					
Return	78.4	67.6					
Ret/OA	78.4	67.6					
Fn MtrTD	0.0	0.0					
Fn BldTD	0.0	0.0					
Fn Frict	0.0	0.0					

AIRFLOWS									
Cooling Heating									
Diffuser	156	47							
Terminal Main Fan	156 156	47 47							
Sec Fan	0	0							
Nom Vent	0	0							
AHU Vent	0	0							
Infil	10	10							
MinStop/Rh	47	47							
Return	166	57							
Exhaust	10	10							
Rm Exh	0	0							
Auxiliary	0	0							
Leakage Dwn	0	0							
Leakage Ups	0	0							

ENGINEERING CKS							
Cooling Heating							
% OA	0.0	0.0					
cfm/ft²	1.34	0.40					
cfm/ton	323.73						
ft²/ton	241.49						
Btu/hr·ft²	49.69	-19.01					
No. People	2.0	17.2/1000 ft ²					

COOLING COIL SELECTION									
Total (Capacity MBh	Sens Cap. MBh	Coil Airflow cfm			/WB/HR gr/lb	Lea °F	ve DB/ °F	/WB/HR gr/lb
0.5	5.8	4.9	156	78.4	63.7	65.0	51.6	51.0	54.8
0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0
0.5	5.8								
	ton 0.5 0.0 0.0	0.5 5.8 0.0 0.0 0.0 0.0	Total Capacity ton Sens Cap. MBh 0.5 5.8 4.9 0.0 0.0 0.0 0.0 0.0 0.0	Total Capacity ton Sens Cap. MBh Coil Airflow MBh 0.5 5.8 4.9 156 0.0 0.0 0.0 0 0.0 0.0 0 0	Total Capacity ton Sens Cap. MBh Coil Airflow MBh Er cfm 0.5 5.8 4.9 156 78.4 0.0 0.0 0.0 0 0 0.0 0.0 0.0 0.0 0 0.0 0.0	Total Capacity ton Sens Cap. MBh Coil Airflow Cfm Enter DB, °F °F 0.5 5.8 4.9 156 78.4 63.7 0.0 0.0 0.0 0 0.0 0.0 0.0 0.0 0.0 0 0.0 0.0	Total Capacity ton Sens Cap. MBh Coil Airflow cfm Enter DB/WB/HR 0.5 5.8 4.9 156 78.4 63.7 65.0 0.0 0.0 0.0 0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	Total Capacity ton Sens Cap. MBh Coil Airflow cfm Enter DB/WB/HR °F Lea 0.5 5.8 4.9 156 78.4 63.7 65.0 51.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	Total Capacity ton Sens Cap. MBh Coil Airflow cfm Enter DB/WB/HR °F °F Leave DB/ °F °F 0.5 5.8 4.9 156 78.4 63.7 65.0 51.6 51.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0

	AREAS			
(Gross Total	Glass		
		ft²	(%)	
Floor	116			1
Part	0			1
Int Door	0			F
ExFlr	10			F
Roof	126	0	0	ŀ
Wall	122	16	14	(
Ext Door	0	0	0	7

HEATING COIL SELECTION								
	Capacity	Coil Airflow	Ent	Lvg				
	MBh	cfm	°F	°F				
Main Htg	-2.2	47	51.6	94.0				
Aux Htg	0.0	0	0.0	0.0				
Preheat	0.0	0	0.0	0.0				
Reheat	-1.0	47	51.6	70.0				
Humidif Opt Vent	0.0 0.0	0	0.0	0.0				
Total	-2.2							

By RLF

124 MECH

	COOLING C	OIL PEAK			CLG SPACE	PEAK		HEATING CO	IL PEAK	
	d at Time: utside Air:	Mo/H OADB/WB/HF	r: 11 / 14 R: 75 / 63 / 6	9	Mo/Hr: OADB:	,		Mo/Hr: He OADB: 38	ating Design	
	Space Sens. + Lat.	Plenum Sens. + Lat	Net Total	Percent Of Total	Space Sensible	Percent Of Total	· · · · · · · · · · · · · · · · · · ·	Space Peak Space Sens	Coil Peak Tot Sens	
	Btu/h	Btu/h	Btu/h	(%)	Btu/h	(%)	i !	Btu/h	Btu/h	(%)
Envelope Loads							Envelope Loads			
Skylite Solar	0	0	0	0	0	0	,	0	0	0.00
Skylite Cond	0	0	0	0	0	0	. ,	0	0	0.00
Roof Cond	0	220	220	7	0	0		0	-125	8.74
Glass Solar	901	0	901	30 ;	994	43		0	0	0.00
Glass/Door Cond	-10	0	-10	0 :	-66	-3	Glass/Door Cond	-295	-295	20.68
Wall Cond	1,353	555	1,907	63 ;	1,358	59		-283	-393	27.53
Partition/Door	0		0	0 :	0	0		0	0	0.00
Floor	0		0	0	0.00	0		-144	-144	10.08
Adjacent Floor	0.00	0.00	0.00	0.00	0.00	0.00	,	0.00	0.00	0.00
Infiltration	9		9	0 :	-24	-1	Infiltration	-132	-132	9.23
Sub Total ==>	2,252	774	3,027	100	2,262	98	Sub Total ==>	-853	-1,087	76.26
Internal Loads							Internal Loads			
Lights	0	0	0	0 :	0	0	Lights	0	0	0.00
People	0	0	0	0 :	0	0		0	0	0.00
Misc	0	0	0	0	0	0	Misc	0	0	0.00
Sub Total ==>	0	0	0	0	0	0	Sub Total ==>	0	0	0.00
Ceiling Load	41	-41	0	0 :	37	2	Ceiling Load	-31	0	0.00
Ventilation Load	0	0	0	0:	0	0	Ventilation Load	0	0	0.00
Adj Air Trans Heat	0		0	0	0	0	Adj Air Trans Heat	0	0	0
Dehumid. Ov Sizing	-		0	0	ŭ		Ov/Undr Sizing	0	0	0.00
Ov/Undr Sizing	0		0	0	0	0	Exhaust Heat	ŭ	10	-0.68
Exhaust Heat	O	-13	-13	0 :	o o		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		-473	33.15
Duct Heat Pkup		Ö	Ö	0:			System Plenum Heat		124	-8.72
Underfir Sup Ht Pku	a	='	0	0:			Underfir Sup Ht Pkup		0	0.00
Supply Air Leakage	r	0	0	0 :		:	Supply Air Leakage		0	0.00
Grand Total ==>	2,293	721	3,014	100.00	2,298	100.00	Grand Total ==>	-884	-1,426	100.00

TEMPERATURES									
Cooling Heating									
SADB	51.6	100.0							
Ra Plenum	78.1	67.6							
Return	78.1	67.6							
Ret/OA	78.1	67.6							
Fn MtrTD	0.0	0.0							
Fn BldTD	0.0	0.0							
Fn Frict	0.0	0.0							

AIRFLOWS									
Cooling Heating									
Diffuser	88	26							
Terminal Main Fan	88 88	26 26							
Sec Fan	0	0							
Nom Vent	0	0							
AHU Vent	0	0							
Infil	4	4							
MinStop/Rh	26	26							
Return	92	30							
Exhaust	4	4							
Rm Exh	0	0							
Auxiliary	0	0							
Leakage Dwn	0	0							
Leakage Ups	0	0							

ENGINEERING CKS								
Cooling Heating								
% OA	0.0	0.0						
cfm/ft²	2.15	0.64						
cfm/ton	350.50							
ft ² /ton	163.24							
Btu/hr·ft²	73.51	-34.78						
No. People	0.0	0.0/1000 ft ²						

COOLING COIL SELECTION										
	Total (Capacity MBh	Sens Cap. MBh	Coil Airflow cfm	E r °F		/WB/HR gr/lb	Lea °F	ve DB	/WB/HR gr/lb
Main Clg	0.3	3.0	3.0	87	78.1	63.6	65.0	51.6	51.5	56.7
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	0.3	3.0								

	AREAS			
(Gross Total	Glass ft ²		
		IL	(%)	
Floor	41			ı
Part	0			
Int Door	0			ı
ExFlr	9			ı
Roof	134	0	0	ı
Wall	108	16	15	
Ext Door	0	0	0	:

HEATING COIL SELECTION									
	Capacity	Coil Airflow	Ent	Lvg					
	MBh	cfm	°F	°F					
Main Htg	-1.4	26	51.6	100.0					
Aux Htg	0.0	0	0.0	0.0					
Preheat	0.0	0	0.0	0.0					
Reheat	-0.5	26	51.6	70.0					
Humidif	0.0	0	0.0	0.0					
Opt Vent <i>Total</i>	0.0 -1.4	0	0.0	0.0					

By RLF

125 TEAM STATION

COOLING COIL PEAK			CLG SPACE	PEAK		HEATING CO	IL PEAK			
	d at Time: utside Air:	Mo/Hi OADB/WB/HR	r: 7 / 16 R: 88 / 78 / 1	33	Mo/Hr: OADB:			Mo/Hr: He OADB: 38	ating Design	
	Space Sens. + Lat.	Plenum Sens. + Lat	Net Total	Percent Of Total	Space Sensible	Percent Of Total	· · · · · · · · · · · · · · · · · · ·	Space Peak Space Sens	Coil Peak Tot Sens	
	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	0.00
Skylite Cond	0	0	0	0	0	0		0	0	0.00
Roof Cond	0	542	542	10	0	0		0	-200	13.17
Glass Solar	0	0	0	0 ;	0	0	,	0	0	0.00
Glass/Door Cond	0	0	0	0 :	0	0		0	0	0.00
Wall Cond	0	0	0	0 :	0	0	-	0	0	0.00
Partition/Door	0		0	0 :	0	0	Partition/Door	0	0	0.00
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	1,099		1,099	20	258	8	Infiltration	-636	-636	41.85
Sub Total ==>	1,099	542	1,641	30	258	8	Sub Total ==>	-636	-836	55.02
Internal Loads							Internal Loads			
Lights	433	108	541	10	433	14	Lights	0	0	0.00
People	2,700	0	2,700	49	1,500	48	People	0	0	0.00
Misc	676	0	676	12	676	22		0	0	0.00
Sub Total ==>	3,808	108	3,916	71	2,608	84	Sub Total ==>	0	0	0.00
Ceiling Load	237	-237	0	0	249	8	Ceiling Load	-148	0	0.00
Ventilation Load	0	0	0	0:	0		Ventilation Load	0	0	0.00
Adj Air Trans Heat	0	· ·	0	0	0		Adj Air Trans Heat	0	0	0
Dehumid. Ov Sizing	· ·		0	0	ū	ŭ	Ov/Undr Sizing	0	0	0.00
Ov/Undr Sizing	0		0	0	0	0	Exhaust Heat		47	-3.09
Exhaust Heat	· ·	-75	-75	-1	· ·	ŭ	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		-641	42.17
Duct Heat Pkup		Ö	Ö	0:			System Plenum Heat		-90	5.90
Underfir Sup Ht Pku	p		0	0:			Underfir Sup Ht Pkup		0	0.00
Supply Air Leakage	r	0	0	0			Supply Air Leakage		0	0.00
Grand Total ==>	5,144	338	5,482	100.00	3,115	100.00	Grand Total ==>	-784	-1,519	100.00

TEMPERATURES								
Cooling Heating								
SADB	51.6	89.7						
Ra Plenum	78.8	67.6						
Return	78.8	67.6						
Ret/OA	78.8	67.6						
Fn MtrTD	0.0	0.0						
Fn BldTD	0.0	0.0						
Fn Frict	0.0	0.0						

AIRFLOWS									
Cooling Heating									
Diffuser	119	36							
Terminal Main Fan	119 119	36 36							
Sec Fan	0	0							
Nom Vent	0	0							
AHU Vent	0	0							
Infil	18	18							
MinStop/Rh	36	36							
Return	137	54							
Exhaust	18	18							
Rm Exh	0	0							
Auxiliary	0	0							
Leakage Dwn	0	0							
Leakage Ups	0	0							

ENGINEERING CKS								
Cooling Heating								
% OA	0.0	0.0						
cfm/ft²	0.60	0.18						
cfm/ton	261.18							
ft ² /ton	433.38							
Btu/hr·ft²	27.69	-7.67						
No. People	6.0	30.3/1000 ft ²						

COOLING COIL SELECTION										
	Total (Capacity MBh	Sens Cap. MBh	Coil Airflow cfm		rter DB °F	/WB/HR gr/lb	Lea °F	ve DB °F	/WB/HR gr/lb
Main Clg	0.5	5.5	3.4	119	78.8	63.9	65.0	51.6	47.6	42.4
Aux Clg	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0
Opt Vent	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0
Total	0.5	5.5								

	AREAS			
G	ross Total	Glass		
		ft²	(%)	
Floor	198			r
Part	0			1
Int Door	0			F
ExFlr	0			F
Roof	215	0	0	H
Wall	0	0	0	
Ext Door	0	0	0	7

HEATING COIL SELECTION							
	Capacity	Coil Airflow	Ent	Lvg			
	MBh	cfm	°F	°F			
Main Htg	-1.5	36	51.6	89.7			
Aux Htg	0.0	0	0.0	0.0			
Preheat	0.0	0	0.0	0.0			
Reheat	-0.7	36	51.6	70.0			
Humidif Opt Vent	0.0 0.0	0	0.0	0.0 0.0			
Total	-1.5						

By RLF

126 B TLT

	COOLING C	OIL PEAK			CLG SPACE	PEAK		HEATING CO	IL PEAK	
	d at Time: utside Air:	Mo/Hi OADB/WB/HR	7 / 16 : 88 / 78 / 1	33	Mo/Hr: OADB:			Mo/Hr: He OADB: 38	ating Design	
	Space Sens. + Lat.	Plenum Sens. + Lat	Net Total	Percent Of Total	Space Sensible	Percent Of Total	1 1 1 1	Space Peak Space Sens	Coil Peak Tot Sens	
	Btu/h	Btu/h	Btu/h	(%)	Btu/h	(%)		Btu/h	Btu/h	(%)
Envelope Loads							Envelope Loads			
Skylite Solar	0	0	0	0	0	0	Skylite Solar	0	0	0.00
Skylite Cond	0	0	0	0	0	0	Skylite Cond	0	0	0.00
Roof Cond	0	313	313	17	0	0	Roof Cond	0	-127	12.68
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		0	0	0.00
Partition/Door	0		0	0	0	0	Partition/Door	0	0	0.00
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	1,099		1,099	59 ;	258	27	!	-636	-636	63.21
Sub Total ==>	1,099	313	1,412	75	258	27	Sub Total ==>	-636	-763	75.89
Internal Loads							Internal Loads			
Lights	433	108	541	29	433	46	Lights	0	0	0.00
People	0	0	0	0 :	0	0	People	0	0	0.00
Misc	0	0	0	0	0	0	Misc	0	0	0.00
Sub Total ==>	433	108	541	29	433	46	Sub Total ==>	0	0	0.00
Ceiling Load	237	-237	0	0	249	26	Ceiling Load	-148	0	0.00
Ventilation Load	0	0	0	0	0		Ventilation Load	0	0	0.00
Adj Air Trans Heat	0		0	0	0	-	Adj Air Trans Heat	0	0	0
Dehumid. Ov Sizing	· ·		0	0	ŭ	· ·	Ov/Undr Sizing	0	0	0.00
Ov/Undr Sizing	0		0	0	0	0	Exhaust Heat		47	-4.67
Exhaust Heat	Ü	-75	-75	-4	ŭ	·	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		-193	19.21
Duct Heat Pkup		0	0	0 :			System Plenum Heat		-96	9.58
Underfir Sup Ht Pkup	0		0	0 :			Underfir Sup Ht Pkup		0	0.00
Supply Air Leakage		0	0	0			Supply Air Leakage		0	0.00
Grand Total ==>	1,768	110	1,878	100.00	939	100.00	Grand Total ==>	-784	-1,006	100.00

TEMPERATURES							
Cooling Heating							
SADB	51.6	135.2					
Ra Plenum	78.8	67.6					
Return	78.8	67.6					
Ret/OA	78.8	67.6					
Fn MtrTD	0.0	0.0					
Fn BldTD	0.0	0.0					
Fn Frict	0.0	0.0					

AIRFLOWS								
Cooling Heating								
Diffuser	36	11						
Terminal Main Fan	36 36	11 11						
Sec Fan	0	0						
Nom Vent	0	0						
AHU Vent	0	0						
Infil	18	18						
MinStop/Rh	11	11						
Return	54	29						
Exhaust	18	18						
Rm Exh	0	0						
Auxiliary	0	0						
Leakage Dwn	0	0						
Leakage Ups	0	0						

ENGINEERING CKS							
Cooling Heating							
% OA	0.0	0.0					
cfm/ft²	0.18	0.05					
cfm/ton	229.92						
ft²/ton	1,265.22						
Btu/hr·ft²	9.48	-5.08					
No. People	0.0	0.0/1000 ft ²					

COOLING COIL SELECTION										
	Total (Capacity MBh	Sens Cap. MBh	Coil Airflow cfm	En °F		/WB/HR gr/lb	Lea °F	ve DB	/WB/HR gr/lb
Main Clg	0.2	1.9	1.0	35	78.8	63.9	65.0	51.6	44.6	32.4
Aux Clg	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0
Opt Vent	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0
Total	0.2	1.9								

	AREAS			
	Gross Total	Glass ft ²		
		IL-	(%)	
Floor	198			N
Part	0			4
Int Door	0			F
ExFlr	0			F
Roof	137	0	0	H
Wall	0	0	0	C
Ext Door	0	0	0	7

HEATING COIL SELECTION							
	Capacity	Coil Airflow	Ent	Lvg			
	MBh	cfm	°F	°F			
Main Htg	-1.0	11	51.6	135.2			
Aux Htg	0.0	0	0.0	0.0			
Preheat	0.0	0	0.0	0.0			
Reheat	-0.2	11	51.6	70.0			
Humidif Opt Vent	0.0 0.0	0	0.0	0.0 0.0			
Total	-1.0						

By RLF

127 CLEAN STORAGE

	COOLING C	OIL PEAK			CLG SPACE	PEAK		HEATING CO	IL PEAK	
	d at Time: utside Air:	Mo/Hr OADB/WB/HR	7 / 16 1: 88 / 78 / 1	33	Mo/Hr: OADB:			Mo/Hr: He OADB: 38	ating Design	
	Space Sens. + Lat.	Plenum Sens. + Lat	Net Total	Percent Of Total	Space Sensible	Percent Of Total		Space Peak Space Sens	Coil Peak Tot Sens	
	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	0.00
Skylite Cond	0	0	0	0	0	0	, ,	0	0	0.00
Roof Cond	0	280	280	28	0	0		0	-93	19.92
Glass Solar	0	0	0	0 ;	0	0		0	0	0.00
Glass/Door Cond	0	0	0	0 ;	0	0		0	0	0.00
Wall Cond	0	0	0	0 :	0	0 :		0	0	0.00
Partition/Door	0		0	0 :	0	0		0	0	0.00
Floor	0		0	0 :	0.00	0		0	0	0.00
Adjacent Floor	0.00	0.00	0.00	0.00	0.00	0.00	,	0.00	0.00	0.00
Infiltration	511		511	51 :	120	27		-295	-295	63.21
Sub Total ==>	511	280	790	79	120	27	Sub Total ==>	-295	-388	83.12
Internal Loads							Internal Loads			
Lights	201	50	251	25	201	46	Lights	0	0	0.00
People	0	0	0	0 :	0	0		0	0	0.00
Misc	0	0	0	0	0	0		0	0	0.00
Sub Total ==>	201	50	251	25	201	46	Sub Total ==>	0	0	0.00
Ceiling Load	110	-110	0	0 :	116	26	Ceiling Load	-69	0	0.00
Ventilation Load	0	0	0	0	0	0	Ventilation Load	0	0	0.00
Adj Air Trans Heat	0		0	0	0	0	Adj Air Trans Heat	0	0	0
Dehumid. Ov Sizing	· ·		0	0	ŭ		Ov/Undr Sizing	0	0	0.00
Ov/Undr Sizing	0		0	0	0	0	Exhaust Heat	ŭ	22	-4.67
Exhaust Heat	U	-35	-35	-3	O .	· ·	OA Preheat Diff.		0	0.00
Sup. Fan Heat		00	0	0:		,	RA Preheat Diff.		0	0.00
Ret. Fan Heat		0	0	0			Additional Reheat		-90	19.21
Duct Heat Pkup		0	0	0			System Plenum Heat		-11	2.34
Underfir Sup Ht Pku	n	-	0	0			Underfir Sup Ht Pkup		0	0.00
Supply Air Leakage	r	0	0	0 }			Supply Air Leakage		0	0.00
Grand Total ==>	822	185	1,007	100.00	436	100.00	Grand Total ==>	-364	-467	100.00

TEMPERATURES								
	Cooling Heating							
SADB	51.6	135.2						
Ra Plenum	78.8	67.6						
Return	78.8	67.6						
Ret/OA	78.8	67.6						
Fn MtrTD	0.0	0.0						
Fn BldTD	0.0	0.0						
Fn Frict	0.0	0.0						

AIRFLOWS									
Cooling Heating									
Diffuser	17	5							
Terminal	17	5							
Main Fan	17	5							
Sec Fan	0	0							
Nom Vent	0	0							
AHU Vent	0	0							
Infil	8	8							
MinStop/Rh	5	5							
Return	25	13							
Exhaust	8	8							
Rm Exh	0	0							
Auxiliary	0	0							
Leakage Dwn	0	0							
Leakage Ups	0	0							

ENGINEERING CKS									
	Cooling Heating								
% OA	0.0	0.0							
cfm/ft²	0.18	0.05							
cfm/ton	199.33								
ft²/ton	1,096.84								
Btu/hr·ft²	10.94	-5.08							
No. People	0.0	0.0/1000 ft ²							

COOLING COIL SELECTION										
	Total (Capacity MBh	Sens Cap. MBh	Coil Airflow cfm		rter DB °F	/WB/HR gr/lb	Lea °F	ve DB	/WB/HR gr/lb
Main Clg	0.1	1.0	0.6	16	78.8	63.9	65.0	51.6	40.9	20.8
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	0.1	1.0								

	AREAS			
C	Gross Total	Glass		
		ft²	(%)	
Floor	92			ı
Part	0			
Int Door	0			ŀ
ExFlr	0			ı
Roof	100	0	0	ı
Wall	0	0	0	
Ext Door	0	0	0	

Н	EATING COI	L SELECTI	ON	
	Capacity	Coil Airflow	Ent	Lvg
	MBh	cfm	°F	°F
Main Htg	-0.5	5	51.6	135.2
Aux Htg	0.0	0	0.0	0.0
Preheat	0.0	0	0.0	0.0
Reheat	-0.1	5	51.6	70.0
Humidif	0.0	0	0.0	0.0
Opt Vent <i>Total</i>	0.0 -0.5	0	0.0	0.0

By RLF

128 COMM

	COOLING C	OIL PEAK			CLG SPACE	PEAK		HEATING CO	IL PEAK	
	d at Time: utside Air:	Mo/H OADB/WB/HF	r: 7 / 15 R: 88 / 78 / 1	29	Mo/Hr: OADB:			Mo/Hr: He OADB: 38	ating Design	
	Space Sens. + Lat.	Plenum Sens. + Lat	Net Total	Percent Of Total	Space Sensible	Percent Of Total	1 1 1 1	Space Peak Space Sens	Coil Peak Tot Sens	
	Btu/h	Btu/h	Btu/h	(%)	Btu/h	(%)	1	Btu/h	Btu/h	(%)
Envelope Loads							Envelope Loads			
Skylite Solar	0	0	0	0	0	0	,	0	0	0.00
Skylite Cond	0	0	0	0	0	0		0	0	0.00
Roof Cond	0	363	363	3	0	0		0	-129	3.93
Glass Solar	0	0	0	0 ;	0	0	,	0	0	0.00
Glass/Door Cond	0	0	0	0 :	0	0		0	0	0.00
Wall Cond	0	0	0	0 ;	0	0	-	0	0	0.00
Partition/Door	0		0	0 :	0	0		0	0	0.00
Floor	0		0	0	0.00	0		0	0	0.00
Adjacent Floor	0.00	0.00	0.00	0.00	0.00	0.00	,	0.00	0.00	0.00
Infiltration	479		479	4 :	117	1	1	-289	-289	8.79
Sub Total ==>	479	363	842	6 ;	117	1	Sub Total ==>	-289	-418	12.72
Internal Loads							Internal Loads			
Lights	197	49	246	2	197	2	Lights	0	0	0.00
People	0	0	0	0 :	0	0	People	0	0	0.00
Misc	12,000	0	12,000	92	12,000	97	Misc	0	0	0.00
Sub Total ==>	12,197	49	12,246	94	12,197	98	Sub Total ==>	0	0	0.00
Ceiling Load	113	-113	0	0 :	113	1	Ceiling Load	-67	0	0.00
Ventilation Load	0	0	0	0	0	0	Ventilation Load	0	0	0.00
Adj Air Trans Heat	0		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	0	Exhaust Heat	ŭ	21	-0.65
Exhaust Heat	Ū	-36	-36	0:	O	· ·	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		-2,556	77.72
Duct Heat Pkup		0	0	0			System Plenum Heat		-336	10.21
Underfir Sup Ht Pku	p		0	0 :			Underfir Sup Ht Pkup		0	0.00
Supply Air Leakage	•	0	0	0			Supply Air Leakage		0	0.00
Grand Total ==>	12,789	263	13,052	100.00	12,427	100.00	Grand Total ==>	-356	-3,289	100.00

TEMPI	TEMPERATURES								
Cooling Heating									
SADB	51.6	72.2							
Ra Plenum	79.0	67.6							
Return	79.0	67.6							
Ret/OA	79.0	67.6							
Fn MtrTD	0.0	0.0							
Fn BldTD	0.0	0.0							
Fn Frict	0.0	0.0							

AIR	AIRFLOWS								
	Cooling	Heating							
Diffuser	476	143							
Terminal Main Fan	476 476	143 143							
Sec Fan	0	0							
Nom Vent	0	0							
AHU Vent	0	0							
Infil	8	8							
MinStop/Rh	143	143							
Return	484	151							
Exhaust	8	8							
Rm Exh	0	0							
Auxiliary	0	0							
Leakage Dwn	0	0							
Leakage Ups	0	0							

ENGINEERING CKS									
	Cooling Heating								
% OA	0.0	0.0							
cfm/ft²	5.29	1.59							
cfm/ton	437.65								
ft²/ton	82.75								
Btu/hr·ft²	145.02	-36.54							
No. People	0.0	0.0/1000 ft ²							

COOLING COIL SELECTION										
	Total (Coil Airflow cfm	Enter DB/WB/HR °F °F gr/lb			Leave DB/WB/HR °F °F gr/lb		
Main Clg	1.1	13.1	12.7	476		63.9	65.0		51.5	56.7
Aux Clg	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	1.1	13.1								

	AREAS			
	Gross Total	Glass ft ²	s (%)	
Floor	90		(/-/	Ma
Part	0			Αu
Int Door	0			Pr
ExFlr	0			Re
Roof	139	0	0	Hu
Wall	0	0	0	Or
Ext Door	r 0	0	0	To

HE	ATING COI	L SELECTI	ON	
	Capacity	Coil Airflow	Ent	Lvg
	MBh	cfm	°F	°F
Main Htg	-3.3	143	51.6	72.2
Aux Htg	0.0	0	0.0	0.0
Preheat	0.0	0	0.0	0.0
Reheat	-2.9	143	51.6	70.0
Humidif	0.0	0	0.0	0.0
Opt Vent <i>Total</i>	0.0 -3.3	0	0.0	0.0

By RLF

129 CORR CENTRAL

(COOLING C	OIL PEAK			CLG SPACE	PEAK		HEATING CO	IL PEAK	
	l at Time: itside Air:	Mo/Hi OADB/WB/HR	7 / 16 : 88 / 78 / 1	33	Mo/Hr: OADB:			Mo/Hr: He OADB: 38	eating Design	
	Space Sens. + Lat.	Plenum Sens. + Lat	Net Total	Percent Of Total	Space Sensible	Percent Of Total	1 1 1 1	Space Peak Space Sens	Coil Peak Tot Sens	
	Btu/h	Btu/h	Btu/h	(%)	Btu/h	(%)		Btu/h	Btu/h	(%)
Envelope Loads			_	_ :	_		Envelope Loads			
Skylite Solar	0	0	0	0	0	0	Skylite Solar	0	0	0.00
Skylite Cond	0	0	0	0	0	0	Skylite Cond	0	0	0.00
Roof Cond	0	309	309	24	0	0	Roof Cond	0	-126	14.48
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		0	0	0.00
Partition/Door	0		0	0 :	0	0	Partition/Door	0	0	0.00
Floor	0		0	0	0.00	0	Floor	-235	-235	27.06
Adjacent Floor	0.00	0.00	0.00	0.00	0.00	0.00	Adjacent Floor	0.00	0.00	0.00
Infiltration	691		691	53	162	27		-400	-400	46.10
Sub Total ==>	691	309	1,001	77	162	27	Sub Total ==>	-635	-760	87.65
Internal Loads							Internal Loads			
Lights	272	68	340	26	272	46	Lights	0	0	0.00
People	0	0	0	0 :	0	0	People	0	0	0.00
Misc	0	0	0	0	0	0	Misc	0	0	0.00
Sub Total ==>	272	68	340	26	272	46	Sub Total ==>	0	0	0.00
Ceiling Load	149	-149	0	0	156	26	Ceiling Load	-93	0	0.00
Ventilation Load	0	0	0	0	0	0	Ventilation Load	0	0	0.00
Adj Air Trans Heat	0		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	0	Exhaust Heat		30	-3.41
Exhaust Heat	ŭ	-47	-47	-4	· ·	·	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		-122	14.01
Duct Heat Pkup		0	0	0			System Plenum Heat		-15	1.75
Underfir Sup Ht Pkup)		0	0 :			Underfir Sup Ht Pkup		0	0.00
Supply Air Leakage		0	0	0			Supply Air Leakage		0	0.00
Grand Total ==>	1,112	181	1,294	100.00	591	100.00	Grand Total ==>	-728	-867	100.00

TEMPERATURES								
Cooling Heating								
SADB	51.6	166.2						
Ra Plenum	78.8	67.6						
Return	78.8	67.6						
Ret/OA	78.8	67.6						
Fn MtrTD	0.0	0.0						
Fn BldTD	0.0	0.0						
Fn Frict	0.0	0.0						

AIRFLOWS								
Cooling Heating								
Diffuser	23	7						
Terminal Main Fan	23 23	7 7						
Sec Fan	0	0						
Nom Vent	0	0						
AHU Vent	0	0						
Infil	11	11						
MinStop/Rh	7	7						
Return	34	18						
Exhaust	11	11						
Rm Exh	0	0						
Auxiliary	0	0						
Leakage Dwn	0	0						
Leakage Ups	0	0						

ENGINEERING CKS								
Cooling Heating								
% OA	0.0	0.0						
cfm/ft²	0.18	0.05						
cfm/ton	209.98							
ft²/ton	1,155.44							
Btu/hr·ft²	10.39	-6.96						
No. People	0.0	0.0/1000 ft ²						

COOLING COIL SELECTION										
	Total Capacity		Sens Cap.	Coil Airflow			/WB/HR			WB/HR
	ton	MBh	MBh	cfm	°F	°F	gr/lb	°F	°F	gr/lb
Main Clg	0.1	1.3	0.8	22	78.8	63.9	65.0	51.6	42.3	25.3
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
Total	0.1	1.3								
Total	0.1	1.3								

AREAS Gross Total Glass ft ² (%)						
Floor Part	125 0			M: A:		
Int Door ExFir Roof	. 0 15 135	0	0	Pr Re		
Wall	0	0	0	O		
Ext Doo	r 0	0	0	To		

HEATING COIL SELECTION										
	Capacity	Coil Airflow	Ent	Lvg						
	MBh	cfm	°F	°F						
Main Htg	-0.9	7	51.6	166.2						
Aux Htg	0.0	0	0.0	0.0						
Preheat	0.0	0	0.0	0.0						
Reheat	-0.1	7	51.6	70.0						
Humidif	0.0	0	0.0	0.0						
Opt Vent	0.0		0.0	0.0						
Total	-0.9									

Project Name: HealthFirst Medico

21184.TRC

Dataset Name:

By RLF

129 CORR NORTH

	COOLING C	OIL PEAK			CLG SPACE	PEAK		HEATING CO	IL PEAK	
	d at Time: utside Air:	Mo/H OADB/WB/HF	r: 7 / 15 R: 88 / 78 / 1	29	Mo/Hr: OADB:			Mo/Hr: He OADB: 38	eating Design 3	
	Space Sens. + Lat.	Plenum Sens. + Lat	Net Total	Percent Of Total	Space Sensible	Percent Of Total	· · · · · · · · · · · · · · · · · · ·	Space Peak Space Sens	Coil Peak Tot Sens	
	Btu/h	Btu/h	Btu/h	(%)	Btu/h	(%)		Btu/h	Btu/h	(%)
Envelope Loads							Envelope Loads			
Skylite Solar	0	0	0	0	0	0	Skylite Solar	0	0	0.00
Skylite Cond	0	0	0	0	0	0	Skylite Cond	0	0	0.00
Roof Cond	0	207	207	14	0	0	Roof Cond	0	-77	5.21
Glass Solar	0	0	0	0 ;	0	0	Glass Solar	0	0	0.00
Glass/Door Cond	196	0	196	13 ;	196	21	Glass/Door Cond	-459	-459	30.93
Wall Cond	358	145	503	34 :	358	39		-271	-383	25.78
Partition/Door	0		0	0 :	0	0	Partition/Door	0	0	0.00
Floor	0		0	0	0.00	0		-235	-235	15.82
Adjacent Floor	0.00	0.00	0.00	0.00	0.00	0.00	Adjacent Floor	0.00	0.00	0.00
Infiltration	408		408	27	100	11		-246	-246	16.57
Sub Total ==>	962	352	1,314	88	654	71	Sub Total ==>	-1,210	-1,399	94.30
Internal Loads							Internal Loads			
Lights	167	42	209	14	167	18	Lights	0	0	0.00
People	0	0	0	0	0	0	People	0	0	0.00
Misc	0	0	0	0:	0	0		0	0	0.00
Sub Total ==>	167	42	209	14	167	18	Sub Total ==>	0	0	0.00
Ceiling Load	96	-96	0	0	96	10	Ceiling Load	-57	0	0.00
Ventilation Load	0	0	0	0	0		Ventilation Load	0	0	0.00
Adj Air Trans Heat	0	Ŭ	0	0	0	-	Adj Air Trans Heat	0	0	0
Dehumid. Ov Sizing	Ü		0	0	Ü	Ū	Ov/Undr Sizing	0	0	0.00
Ov/Undr Sizing	0		0	0	0	0	Exhaust Heat		18	-1.22
Exhaust Heat	Ü	-30	-30	-2	· ·	·	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		-189	12.71
Duct Heat Pkup		Ö	Ö	0			System Plenum Heat		86	-5.79
Underfir Sup Ht Pkuj	D	-	0	0:			Underfir Sup Ht Pkup		0	0.00
Supply Air Leakage	r	0	0	0			Supply Air Leakage		0	0.00
Grand Total ==>	1,225	267	1,492	100.00	917	100.00	Grand Total ==>	-1,267	-1,484	100.00

TEMPERATURES								
Cooling Heating								
SADB	51.6	177.9						
Ra Plenum	79.0	67.6						
Return	79.0	67.6						
Ret/OA	79.0	67.6						
Fn MtrTD	0.0	0.0						
Fn BldTD	0.0	0.0						
Fn Frict	0.0	0.0						

AIRFLOWS								
Cooling Heating								
Diffuser	35	11						
Terminal Main Fan	35 35	11 11						
Sec Fan	0	0						
Nom Vent	0	0						
AHU Vent	0	0						
Infil	7	7						
MinStop/Rh	11	11						
Return	42	17						
Exhaust	7	7						
Rm Exh	0	0						
Auxiliary	0	0						
Leakage Dwn	0	0						
Leakage Ups	0	0						

ENGINEERING CKS							
Cooling Heating							
% OA	0.0	0.0					
cfm/ft²	0.46	0.14					
cfm/ton	282.42						
ft²/ton	615.81						
Btu/hr·ft²	19.49	-19.37					
No. People	0.0	0.0/1000 ft ²					

COOLING COIL SELECTION										
	Total (Capacity MBh	Sens Cap. MBh	Coil Airflow cfm	E r °F		/WB/HR gr/lb	Lea °F		/WB/HR gr/lb
Main Clg	0.1	1.5	1.2	35	79.0	63.9	65.0	51.6	49.1	48.0
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	0.1	1.5								

	AREAS			
	Gross Total	Glass ft²	; (%)	
Floor Part	77 0			Main Ht Aux Htg
Int Door ExFir	0 15			Preheat Reheat
Roof Wall	83 89	0 0	0 0	Humidit Opt Ver
Ext Doo	r 21	0	0	Total

HE	EATING COI	L SELECTI	ON	
	Capacity MBh	Coil Airflow cfm	Ent °F	Lvg °F
Main Htg Aux Htg	-1.5 0.0	11 0	51.6 0.0	177.9 0.0
Preheat Reheat Humidif Opt Vent	0.0 -0.2 0.0 0.0	0 11 0	0.0 51.6 0.0 0.0	0.0 70.0 0.0 0.0
Total	-1.5	U	0.0	0.0

By RLF

129 CORR SOUTH

	COOLING C	OIL PEAK			CLG SPACE	PEAK		HEATING CO	IL PEAK	
	d at Time: utside Air:	Mo/H OADB/WB/HF	r: 9 / 14 R: 86 / 76 / 1	20	Mo/Hr: OADB:			Mo/Hr: He OADB: 38	eating Design 3	
	Space Sens. + Lat.	Plenum Sens. + Lat	Net Total	Percent Of Total	Space Sensible	Percent Of Total	t control of the cont	Space Peak Space Sens	Coil Peak Tot Sens	
	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	0.00
Skylite Cond	0	0	0	0	0	0	, -	0	0	0.00
Roof Cond	0	479	479	18	0	0		0	-156	10.87
Glass Solar	0	0	0	0 ;	0	0		0	0	0.00
Glass/Door Cond	0	0	0	0 ;	0	0		0	0	0.00
Wall Cond	813	262	1,075	41	970	61		-218	-285	19.80
Partition/Door	0		0	0 :	0	0		0	0	0.00
Floor	0		0	0 :	0.00	0		-235	-235	16.32
Adjacent Floor	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00
Infiltration	696		696	27	102	6	Infiltration	-496	-496	34.52
Sub Total ==>	1,509	741	2,250	86	1,072	68	Sub Total ==>	-949	-1,172	81.51
Internal Loads							Internal Loads			
Lights	338	84	422	16	338	21	Lights	0	0	0.00
People	0	0	0	0 :	0	0	People	0	0	0.00
Misc	0	0	0	0 :	0	0	Misc	0	0	0.00
Sub Total ==>	338	84	422	16	338	21	Sub Total ==>	0	0	0.00
Ceiling Load	187	-187	0	0 :	174	11	Ceiling Load	-116	0	0.00
Ventilation Load	0	0	0	0	0	0	Ventilation Load	0	0	0.00
Adj Air Trans Heat	0		0	0	0	0	Adj Air Trans Heat	0	0	0
Dehumid. Ov Sizing	· ·		0	0 :	ŭ	·	Ov/Undr Sizing	0	0	0.00
Ov/Undr Sizing	0		0	0	0	0	Exhaust Heat	· ·	37	-2.55
Exhaust Heat	O	-59	-59	-2	· ·	· ·	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		-326	22.64
Duct Heat Pkup		Õ	ő	0			System Plenum Heat		23	-1.60
Underfir Sup Ht Pku	D	-	0	0:			Underfir Sup Ht Pkup		0	0.00
Supply Air Leakage	I:	0	0	0			Supply Air Leakage		0	0.00
Grand Total ==>	2,034	580	2,613	100.00	1,583	100.00	Grand Total ==>	-1,065	-1,438	100.00

TEMPERATURES						
Cooling Heating						
SADB	51.6	122.5				
Ra Plenum	78.8	67.6				
Return	78.8	67.6				
Ret/OA	78.8	67.6				
Fn MtrTD	0.0	0.0				
Fn BldTD	0.0	0.0				
Fn Frict	0.0	0.0				

AIRFLOWS						
Cooling Heating						
Diffuser	61	18				
Terminal Main Fan	61 61	18 18				
Sec Fan	0	0				
Nom Vent	0	0				
AHU Vent	0	0				
Infil	14	14				
MinStop/Rh	18	18				
Return	75	32				
Exhaust	14	14				
Rm Exh	0	0				
Auxiliary	0	0				
Leakage Dwn	0	0				
Leakage Ups	0	0				

ENGINEERING CKS					
Cooling Heating					
% OA	0.0	0.0			
cfm/ft²	0.39	0.12			
cfm/ton	278.52				
ft²/ton	710.13				
Btu/hr·ft²	16.90	-9.30			
No. People	0.0	0.0/1000 ft ²			

COOLING COIL SELECTION										
	Total (Capacity MBh	Sens Cap. MBh	Coil Airflow cfm		rter DB °F	/WB/HR gr/lb	Lea °F	ve DB °F	/WB/HR gr/lb
Main Clg	0.2	2.6	2.1	57	78.8	63.9	65.0	51.6	47.9	43.6
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
Total	0.2	2.6								

(AREAS Gross Total	Glass ft²	s (%)	
Floor Part	155 0			l
Int Door	0			ĺ
ExFlr	15			
Roof	168	0	0	H
Wall	66	0	0	(
Ext Door	0	0	0	Н

HEATING COIL SELECTION						
	Capacity	Coil Airflow	Ent	Lvg		
	MBh	cfm	°F	°F		
Main Htg	-1.4	18	51.6	122.5		
Aux Htg	0.0	0	0.0	0.0		
Preheat	0.0	0	0.0	0.0		
Reheat	-0.4	18	51.6	70.0		
Humidif	0.0	0	0.0	0.0		
Opt Vent Total	0.0 0.0 -1.4	0	0.0	0.0		

By RLF

130 CORR

	SSSEM C	OIL PEAK			CLG SPACE	PEAN		HEATING CO	VIL PEAN	
	ed at Time: outside Air:	Mo/Hr OADB/WB/HR	: 7 / 16 : 88 / 78 / 1	33	Mo/Hr: OADB:			Mo/Hr: He OADB: 38	eating Design 3	
	Space Sens. + Lat.	Plenum Sens. + Lat	Net Total	Percent Of Total	Space Sensible	Percent Of Total	· · · · · · · · · · · · · · · · · · ·	Space Peak Space Sens	Coil Peak Tot Sens	
	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	0.00
Skylite Cond	0	0	0	0	0	0	Skylite Cond	0	0	0.00
Roof Cond	0	246	246	24	0	0		0	-100	19.80
Glass Solar	0	0	0	0 :	0	0	Glass Solar	0	0	0.00
Glass/Door Cond	0	0	0	0 :	0	0		0	0	0.00
Wall Cond	0	0	0	0 ;	0	0	; Wall Cond	0	0	0.00
Partition/Door	0		0	0 :	0	0	Partition/Door	0	0	0.00
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	549		549	53	129	27	Infiltration	-318	-318	63.21
Sub Total ==>	549	246	796	77	129	27	Sub Total ==>	-318	-417	83.01
Internal Loads							Internal Loads			
Lights	216	54	270	26	216	46	Lights	0	0	0.00
People	0	0	0	0:	0	0	People	0	0	0.00
Misc	0	0	0	0:	0	0	Misc	0	0	0.00
Sub Total ==>	216	54	270	26	216	46	Sub Total ==>	0	0	0.00
Ceiling Load	119	-119	0	0	124	26	Ceiling Load	-74	0	0.00
Ventilation Load	0	0	0	0:	0		Ventilation Load	0	0	0.00
Adj Air Trans Heat	0	v	0	0	0		Adj Air Trans Heat	0	0	0.00
Dehumid. Ov Sizing	•		0		U	U	Ov/Undr Sizing	0	0	0.00
Ov/Undr Sizing	0		0	0 :	0	0	Exhaust Heat	U	23	-4.67
Exhaust Heat	U	-38	-38	-4 ·	U	U	OA Preheat Diff.		0	0.00
Sup. Fan Heat		-30	-36	0:			RA Preheat Diff.		0	0.00
Ret. Fan Heat		0	0	0:			Additional Reheat		-97	19.21
Duct Heat Pkup		0	0	0:			System Plenum Heat		-97 -12	2.45
Underfir Sup Ht Pku	ın	U	0	0			Underfir Sup Ht Pkup		0	0.00
•	•	0	0	0					0	0.00
Supply Air Leakage		U	U	0			Supply Air Leakage		U	0.00
Grand Total ==>	884	144	1,028	100.00	470	100.00	Grand Total ==>	-392	-503	100.00

TEMPERATURES						
Cooling Heating						
SADB	51.6	135.2				
Ra Plenum	78.8	67.6				
Return	78.8	67.6				
Ret/OA	78.8	67.6				
Fn MtrTD	0.0	0.0				
Fn BldTD	0.0	0.0				
Fn Frict	0.0	0.0				

AIRFLOWS						
Cooling Heating						
Diffuser	18	5				
Terminal Main Fan	18 18	5 5				
Sec Fan	0	0				
Nom Vent	0	0				
AHU Vent	0	0				
Infil	9	9				
MinStop/Rh	5	5				
Return	27	14				
Exhaust	9	9				
Rm Exh	0	0				
Auxiliary	0	0				
Leakage Dwn	0	0				
Leakage Ups	0	0				

ENGINEERING CKS						
Cooling Heating						
% OA	0.0	0.0				
cfm/ft²	0.18	0.05				
cfm/ton	209.93					
ft²/ton	1,155.17					
Btu/hr·ft²	10.39	-5.08				
No. People	0.0	0.0/1000 ft ²				

COOLING COIL SELECTION										
	Total (Capacity MBh	Sens Cap. MBh	Coil Airflow cfm	E r °F		/WB/HR gr/lb	Lea °F	ve DB	/WB/HR gr/lb
Main Clg	0.1	1.0	0.6	18	78.8	63.9	65.0	51.6	42.3	25.2
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	0.1	1.0								

	AREAS][
G	ross Total	Glass ft²	s (%)	
Floor Part	99 0			M
Int Door	0			F
ExFlr	0			F
Roof	107	0	0	+
Wall	0	0	0	
Ext Door	0	0	0	117

HE	EATING COI	L SELECTI	ON	
	Capacity MBh	Coil Airflow cfm	Ent °F	Lvg °F
Main Htg Aux Htg	-0.5 0.0	5 0	51.6 0.0	135.2 0.0
Preheat Reheat Humidif Opt Vent	0.0 -0.1 0.0 0.0	0 5 0	0.0 51.6 0.0 0.0	0.0 70.0 0.0 0.0
Total	-0.5	Ü	0.0	0.0

By RLF

131 CORR

	COOLING C	OIL PEAK			CLG SPACE	PEAK		HEATING CO	IL PEAK	
	d at Time: utside Air:	Mo/Hi OADB/WB/HF	r: 7 / 16 R: 88 / 78 / 1	33	Mo/Hr: OADB:			Mo/Hr: He OADB: 38	ating Design	
	Space Sens. + Lat.	Plenum Sens. + Lat	Net Total	Percent Of Total	Space Sensible	Percent Of Total	· · · · · · · · · · · · · · · · · · ·	Space Peak Space Sens	Coil Peak Tot Sens	
	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	0.00
Skylite Cond	0	0	0	0	0	0	. ,	0	0	0.00
Roof Cond	0	556	556	24	0	0		0	-226	19.88
Glass Solar	0	0	0	0 ;	0	0	-	0	0	0.00
Glass/Door Cond	0	0	0	0 ;	0	0		0	0	0.00
Wall Cond	0	0	0	0 :	0	0		0	0	0.00
Partition/Door	0		0	0 :	0	0		0	0	0.00
Floor	0		0	0 :	0.00	0		0	0	0.00
Adjacent Floor	0.00	0.00	0.00	0.00	0.00	0.00	,	0.00	0.00	0.00
Infiltration	1,243		1,243	53	292	27		-719	-719	63.21
Sub Total ==>	1,243	556	1,799	77	292	27	Sub Total ==>	-719	-945	83.08
Internal Loads							Internal Loads			
Lights	489	122	612	26	489	46	Lights	0	0	0.00
People	0	0	0	0 :	0	0		0	0	0.00
Misc	0	0	0	0	0	0		0	0	0.00
Sub Total ==>	489	122	612	26	489	46	Sub Total ==>	0	0	0.00
Ceiling Load	268	-268	0	0 :	281	26	Ceiling Load	-168	0	0.00
Ventilation Load	0	0	0	0	0	0	Ventilation Load	0	0	0.00
Adj Air Trans Heat	0		0	0	0	0	Adj Air Trans Heat	0	0	0
Dehumid. Ov Sizing	· ·		0	0	ŭ	·	Ov/Undr Sizing	0	0	0.00
Ov/Undr Sizing	0		0	0	0	0	Exhaust Heat	ŭ	53	-4.67
Exhaust Heat	Ū	-85	-85	-4:	· ·	· ·	OA Preheat Diff.		0	0.00
Sup. Fan Heat		00	0	0			RA Preheat Diff.		0	0.00
Ret. Fan Heat		0	0	0			Additional Reheat		-219	19.21
Duct Heat Pkup		Ö	Ö	0			System Plenum Heat		-27	2.38
Underfir Sup Ht Pku	D	-	0	0:			Underfir Sup Ht Pkup		0	0.00
Supply Air Leakage	I:	0	0	0			Supply Air Leakage		0	0.00
Grand Total ==>	2,001	325	2,326	100.00	1,063	100.00	Grand Total ==>	-887	-1,138	100.00

TEMPERATURES								
Cooling Heating								
SADB	51.6	135.2						
Ra Plenum	78.8	67.6						
Return	78.8	67.6						
Ret/OA	78.8	67.6						
Fn MtrTD	0.0	0.0						
Fn BldTD	0.0	0.0						
Fn Frict	0.0	0.0						

AIRFLOWS									
Cooling Heating									
Diffuser	41	12							
Terminal Main Fan	41 41	12 12							
Sec Fan	0	0							
Nom Vent	0	0							
AHU Vent	0	0							
Infil	20	20							
MinStop/Rh	12	12							
Return	61	32							
Exhaust	20	20							
Rm Exh	0	0							
Auxiliary	0	0							
Leakage Dwn	0	0							
Leakage Ups	0	0							

ENGINEERING CKS							
Cooling Heating							
% OA	0.0	0.0					
cfm/ft²	0.18	0.05					
cfm/ton	210.02						
ft²/ton	1,155.67						
Btu/hr·ft²	10.38	-5.08					
No. People	0.0	0.0/1000 ft ²					

COOLING COIL SELECTION										
	Total (ton	Capacity MBh	Sens Cap. MBh	Coil Airflow cfm	E r °F		/WB/HR gr/lb	Lea °F	ve DB	/WB/HR gr/lb
Main Clg Aux Clg	0.2 0.0	2.3 0.0	1.4 0.0	40 0	78.8 0.0	63.9 0.0	65.0 0.0	51.6 0.0	42.3 0.0	25.3 0.0
Opt Vent	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0
Total	0.2	2.3								

	ARE	AS		
	Gross Total	Glas		
		ft²	(%)	
Floor	224			Mair
Part	0			Aux
Int Doo	r 0			Preh
ExFlr	0			Reh
Roof	243	0	0	Hum
Wall	0	0	0	Opt
Ext Doc	or 0	0	0	Tota

H	IEATING COI	L SELECTI	ON	
	Capacity	Coil Airflow	Ent	Lvg
	MBh	cfm	°F	°F
Main Htg	-1.1	12	51.6	135.2
Aux Htg	0.0	0	0.0	0.0
Preheat	0.0	0	0.0	0.0
Reheat	-0.3	12	51.6	70.0
Humidif	0.0	0	0.0	0.0
Opt Vent Total	0.0 0.0 -1.1	0	0.0	0.0

By RLF

132 CORR NORTH

	COOLING C	OIL PEAK			CLG SPACE	PEAK		HEATING CO	IL PEAK	
1	d at Time: utside Air:	Mo/Hi OADB/WB/HR	r: 7 / 16 R: 88 / 78 / 1	33	Mo/Hr: OADB:			Mo/Hr: He OADB: 38	ating Design	
	Space Sens. + Lat.	Plenum Sens. + Lat	Net Total	Percent Of Total	Space Sensible	Percent Of Total	· · · · · · · · · · · · · · · · · · ·	Space Peak Space Sens	Coil Peak Tot Sens	I
	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	0.00
Skylite Cond	0	0	0	0	0	0		0	0	0.00
Roof Cond	0	331	331	27	0	0		0	-114	17.24
Glass Solar	0	0	0	0 ;	0	0		0	0	0.00
Glass/Door Cond	0	0	0	0 ;	0	0		0	0	0.00
Wall Cond	0	0	0	0 :	0	0 :		0	0	0.00
Partition/Door	0		0	0 :	0	0		0	0	0.00
Floor	0		0	0 :	0.00	0		-88	-88	13.26
Adjacent Floor	0.00	0.00	0.00	0.00	0.00	0.00	, ,	0.00	0.00	0.00
Infiltration	629		629	51 :	148	27		-364	-364	54.83
Sub Total ==>	629	331	960	78	148	27	Sub Total ==>	-452	-566	85.33
Internal Loads							Internal Loads			
Lights	248	62	310	25	248	46	Lights	0	0	0.00
People	0	0	0	0 :	0	0		0	0	0.00
Misc	0	0	0	0	0	0		0	0	0.00
Sub Total ==>	248	62	310	25	248	46	Sub Total ==>	0	0	0.00
Ceiling Load	136	-136	0	0 :	142	26	Ceiling Load	-85	0	0.00
Ventilation Load	0	0	0	0	0	0	Ventilation Load	0	0	0.00
Adj Air Trans Heat	0		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	0	Exhaust Heat	·	27	-4.05
Exhaust Heat	O	-43	-43	-4:	· ·	0	OA Preheat Diff.		0	0.00
Sup. Fan Heat		.0	0	0		;	RA Preheat Diff.		0	0.00
Ret. Fan Heat		0	0	0			Additional Reheat		-111	16.66
Duct Heat Pkup		ő	Ö	0			System Plenum Heat		-14	2.06
Underfir Sup Ht Pku	n		0	0:			Underfir Sup Ht Pkup		0	0.00
Supply Air Leakage	r	0	0	0		:	Supply Air Leakage		0	0.00
Grand Total ==>	1,012	214	1,227	100.00	538	100.00	Grand Total ==>	-537	-664	100.00

TEMPERATURES								
Cooling Heating								
SADB	51.6	147.9						
Ra Plenum	78.8	67.6						
Return	78.8	67.6						
Ret/OA	78.8	67.6						
Fn MtrTD	0.0	0.0						
Fn BldTD	0.0	0.0						
Fn Frict	0.0	0.0						

AIRFLOWS							
Cooling Heating							
Diffuser	21	6					
Terminal	21	6					
Main Fan	21	6					
Sec Fan	0	0					
Nom Vent	0	0					
AHU Vent	0	0					
Infil	10	10					
MinStop/Rh	6	6					
Return	31	16					
Exhaust	10	10					
Rm Exh	0	0					
Auxiliary	0	0					
Leakage Dwn	0	0					
Leakage Ups	0	0					

ENGINEERING CKS						
Cooling Heating						
% OA	0.0	0.0				
cfm/ft²	0.18	0.05				
cfm/ton	201.49					
ft ² /ton	1,108.74					
Btu/hr·ft²	10.82	-5.85				
No. People	0.0	0.0/1000 ft ²				

			COOLIN	G COIL SELE	CTIO	N				
	Total (Capacity MBh	Sens Cap. MBh	Coil Airflow cfm	E r °F		/WB/HR gr/lb	Lea °F		/WB/HF gr/lb
Main Clg Aux Clg	0.1 0.0	1.2 0.0	0.7 0.0	20 0	78.8 0.0	63.9 0.0	65.0 0.0	51.6 0.0	41.2 0.0	21.8 0.0
Opt Vent	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0
Total	0.1	1.2								

	AREAS			
G	Fross Total	Glas:	s (%)	
		11	(/0)	
Floor	113			N
Part	0			4
Int Door	0			F
ExFlr	6			F
Roof	123	0	0	H
Wall	0	0	0	
Ext Door	0	0	0	7

HEATING COIL SELECTION							
	Capacity	Coil Airflow	Ent	Lvg			
	MBh	cfm	°F	°F			
Main Htg	-0.7	6	51.6	147.9			
Aux Htg	0.0	0	0.0	0.0			
Preheat	0.0	0	0.0	0.0			
Reheat	-0.1	6	51.6	70.0			
Humidif Opt Vent	0.0 0.0	0	0.0	0.0 0.0			
Total	-0.7						

By RLF

132 CORR SOUTH

	COOLING C	OIL PEAK			CLG SPACE	PEAK		HEATING CO	OIL PEAK	
	d at Time: utside Air:	Mo/H OADB/WB/HF	r: 9 / 15 R: 86 / 77 / 1	24	Mo/Hr: OADB:			Mo/Hr: He OADB: 38	eating Design 8	
	Space Sens. + Lat.	Plenum Sens. + Lat	Net Total	Percent Of Total	Space Sensible	Percent Of Total	t control of the cont	Space Peak Space Sens	Coil Peak Tot Sens	
	Btu/h	Btu/h	Btu/h	(%)	Btu/h	(%)	i i	Btu/h	Btu/h	(%)
Envelope Loads							Envelope Loads			
Skylite Solar	0	0	0	0 :	0	0	,	0	0	0.00
Skylite Cond	0	0	0	0	0	0	, -	0	0	0.00
Roof Cond	0	472	472	15	0	0		0	-167	9.86
Glass Solar	598	0	598	19	952	44		0	0	0.00
Glass/Door Cond	104	0	104	3 ;	2	0		-295	-295	17.46
Wall Cond	512	247	759	24 ;	660	31		-145	-212	12.57
Partition/Door	0		0	0 :	0	0		0	0	0.00
Floor	0		0	0	0.00	0		-88	-88	5.21
Adjacent Floor	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00
Infiltration	796		796	26	7	0		-531	-531	31.47
Sub Total ==>	2,009	719	2,728	87	1,621	76	Sub Total ==>	-1,059	-1,293	76.56
Internal Loads				:			Internal Loads			
Lights	362	90	452	14	362	17	Lights	0	0	0.00
People	0	0	0	0 :	0	0		0	0	0.00
Misc	0	0	0	0:	0	0		0	0	0.00
Sub Total ==>	362	90	452	14	362	17	Sub Total ==>	0	0	0.00
Ceiling Load	196	-196	0	0 :	160	7	Ceiling Load	-124	0	0.00
Ventilation Load	0	0	0	0	0	0	Ventilation Load	0	0	0.00
Adj Air Trans Heat	0		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	0	Exhaust Heat	•	39	-2.33
Exhaust Heat	· ·	-62	-62	-2	· ·	· ·	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		-441	26.09
Duct Heat Pkup		Ö	Ö	0			System Plenum Heat		6	-0.33
Underfir Sup Ht Pku	a		0	0:			Underfir Sup Ht Pkup		0	0.00
Supply Air Leakage	r	0	0	0			Supply Air Leakage		0	0.00
Grand Total ==>	2,567	551	3,118	100.00	2,143	100.00	Grand Total ==>	-1,184	-1,689	100.00

TEMPERATURES						
Cooling Heating						
SADB	51.6	113.1				
Ra Plenum	78.7	67.6				
Return	78.7	67.6				
Ret/OA	78.7	67.6				
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 Main Fan	82 82	25 25					
Sec Fan	0	0					
Nom Vent	0	0					
AHU Vent	0	0					
Infil	15	15					
MinStop/Rh	25	25					
Return	97	40					
Exhaust	15	15					
Rm Exh	0	0					
Auxiliary	0	0					
Leakage Dwn	0	0					
Leakage Ups	0	0					

ENGINEERING CKS						
Cooling Heating						
% OA	0.0	0.0				
cfm/ft²	0.50	0.15				
cfm/ton	315.86					
ft ² /ton	637.11					
Btu/hr·ft²	18.84	-10.20				
No. People	0.0	0.0/1000 ft ²				

COOLING COIL SELECTION										
	Total (ton	Capacity MBh	Sens Cap. MBh	Coil Airflow cfm	E r °F		/WB/HR gr/lb	Lea °F	ve DB	/WB/HR gr/lb
Main Clg Aux Clg	0.3 0.0	3.1 0.0	2.5 0.0	75 0	78.7 0.0	63.9 0.0	65.0 0.0	51.6 0.0	49.4 0.0	48.8 0.0
Opt Vent	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0
Total	0.3	3.1								

	AREAS			
0	Fross Total	Glas		
		ft²	(%)	
Floor	166			r
Part	0			1
Int Door	0			F
ExFlr	6			F
Roof	179	0	0	H
Wall	66	16	25	
Ext Door	0	0	0	7

HEATING COIL SELECTION							
	Capacity	Coil Airflow	Ent	Lvg			
	MBh	cfm	°F	°F			
Main Htg	-1.7	25	51.6	113.1			
Aux Htg	0.0	0	0.0	0.0			
Preheat	0.0	0	0.0	0.0			
Reheat	-0.5	25	51.6	70.0			
Humidif Opt Vent	0.0 0.0	0	0.0	0.0 0.0			
Total	-1.7						