Estimated for	or Summer	/16.00 Hrs							
Space used	for:	PR	AYER HA	LL					
Length	40.7	Width	30	AREA	1221	0	12.1	14774	CFT
							DB	WB	RH
	AREA				LOAD	O.C	95	82	55
Glass N	0	SQFT	0	0	0	I.C	75.2		50
Glass S	0	SQFT	0	0	0	DIFF	19.8		
Glass E	0	SQFT	0	0	0	FRESH AI			
Glass W	0	SQFT	0	0	0	172	People	5	CFM
						14774	Cu. Foot	2	AIR CH/HI
Wall N	0	SQFT	0	0	0				
Wall S	362	SQFT	24	0.36	3128				
Wall E	494	SQFT	20	0.36	3557		SHF	0.639315	
Wall W	0	SQFT	0	0.30	0		ADP	56.6	
VV 2211 VV		5211		0	0		71151	30.0	
Roof Sun	0	SQFT	0	0	0				
Sun Shaded	0	SQFT				HUMIDI I	RISE	<u>l</u>	15.81000
All Glass	0	SQFT	19.8	0	0				
Partition	0	SQFT	14.8	0	0	De humidi	fied Air Qty		TR
Ceiling	1221	SQFT	14.8	0.4	7228		5644		14.10949
Floor	1221	SQFT	14.8	0.53	9578				
Infiltration									
Out Side A	860	1.08	19.8	0.15	2759				
People	172			245	42140				
Light	1221	1.25	1	3.4	5189				
Eqp.Load	0.25		1000	3.4	850				
Appliances	1		200	3.4	680				
SENSIBLE		B TOTAL			75108				
SAFTY 10%					7511				
SENSIBLE	HEAT TO	OTAL			82619				
									== 7
Infiltration		0.10							75 F
Out Side A	860	0.68	81.1	0.15	7114				ESHF 1
People	172			205	35260				0.94
Light	1,2			203	33200				0.87
Eqp.Load							1		0.78
Appliances									0.73
LATENT F	IEAT SUB	TOTAL			42374		Notes		
SAFTY 10%					4237		Light	1	Watt/Sqft
TOTAL LA		EAT			46612		Equp	0.25	KW
ROOM TO					129230		Peoples	172	Nos
Sensi.Heat	860	19.8	0.85	1.08	15632		Computer	1	Nos

Lat.Heat	860	81.1	0.85	0.68	40313		
GRAND TO	OTAL HE	AΤ	185175		15.4		

Area	Осс	KW	Comp	TR	Deh Cfm	ADP F	Гotal Ас/Н	%FA	
1221	172	0.25	1.0	15.4	5644	56.6	22.92037	15.23797	

Estimated f	or Summer	/16.00 Hrs							
Space used	for:		double						
Length	40.7	Width	13.5	AREA	656	НТ	30	19680	CFT
							DB	WB	RH
	AREA				LOAD	O.C	95	82	55
Glass N	155	SQFT	39	0.56	3385	I.C	75.2		50
Glass S	155	SQFT	11	0.56	955	DIFF	19.8		
Glass E	0	SQFT	0	0	0	FRESH AII	R		
Glass W	310	SQFT	158	0.56	27429	81	People	5	CFM
						19680	Cu. Foot	2	AIR CH/HI
Wall N	0	SQFT	0	0	0				
Wall S	0	SQFT	0	0	0				
Wall E	0	SQFT	0	0	0		SHF	0.80216	
Wall W	900	SQFT	28	0.36	9072		ADP	56.6	
					0				
Roof Sun	0	SQFT	0	0	0				
Sun Shaded	0	SQFT				HUMIDI I	RISE		15.81000
All Glass	620	SQFT	19.8	1.13	13871.88				
Partition	0	SQFT	14.8	0	0	De humidi	fied Air Qty		TR
Ceiling	656	SQFT	14.8	0.4	3884		6712		16.78098
Floor	656	SQFT	14.8	0.53	5146				
Infiltration									
Out Side A	656	1.08	19.8	0.15	2104				
People	81			245	19845				
Light	656	1.25	1	3.4	2788				
Eqp.Load	0.25		1000	3.4	850				
Appliances	0	_	200	3.4	0				
SENSIBLE	HEAT SU	B TOTAL			89329				
SAFTY 10%	/0				8933				
SENSIBLE	НЕАТ ТО	OTAL		_	98262				
Infiltration									75 F
Out Side A	656	0.68	81.1	0.15	5427				ESHF
									1
People	81			205	16605				0.94
Light									0.87

Eqp.Load								0.78
Appliances								0.73
LATENT I	HEAT SUB	TOTAL			22032	Notes		
SAFTY 10°	/ <sub>0</sub>				2203	Light	1	Watt/Sqft
TOTAL LA	TENT HE	EAT			24235	Equp	0.25	KW
ROOM TO	TAL HEA	Т			122497	Peoples	81	Nos
Sensi.Heat	656	19.8	0.85	1.08	11924	Computer	0	Nos
Lat.Heat	656	81.1	0.85	0.68	30751			
GRAND T	OTAL HE.	AT	165171		13.8			

Area	Occ	KW	Comp	TR	Deh Cfm	ADP F	Гotal Ac/H	%FA	
656	81	0.25	0.0	13.8	6712	56.6	20.46461	9.77297	

Estimated for	or Summer	/16.00 Hrs							
Space used	for:	1	orayer only	7					
Length	40.7	Width	43.3	AREA	1871	НТ	12.1	22639	CFT
							DB	WB	RH
	AREA					O.C	95	82	55
Glass N	155	SQFT	39	0.56	3385	I.C	75.2		50
Glass S	155	SQFT	11	0.56	955	DIFF	19.8		
Glass E	0	SQFT	0	0	0	FRESH AII	3		
Glass W	310	SQFT	158	0.56	27429	253	People	5	CFM
						22639	Cu. Foot	2	AIR CH/HI
Wall N	0	SQFT	0	0	0				
Wall S	0	SQFT	0	0	0				
Wall E	0	SQFT	0	0	0		SHF	0.701167	
Wall W	900	SQFT	28	0.36	9		ADP	56.6	
					X				
Roof Sun	0	SQFT	0	0	0				
Sun Shaded	0	SQFT				HUMIDI I	RISE		15.81000
All Glass	620	SQFT	19.8	1.13	13871.88				
Partition	0	SQFT	14.8	0	0	De humidi	fied Air Qty	•	TR
Ceiling	1871	SQFT	14.8	0.4	11076		10989		27.47325
Floor	1871	SQFT	14.8	0.53	14676				
Infiltration									
Out Side A	1265	1.08	19.8	0.15	4058				
People	253			245	61985				
Light	1871	1.25	1	3.4	7952				
Eqp.Load	0.25	1.23	1000	3.4	850				
Appliances	0.23		200	3.4	0	<u> </u>			
SENSIBLE		B TOTAL		J.1	146246	<u> </u>			
SAFTY 10%					14625				
0711 1 1 10 /					11023	<u> </u>	<u> </u>	]	

SENSIBLE	НЕАТ ТС	OTAL			160871			
Infiltration								75 F
Out Side A	1265	0.68	81.1	0.15	10464			ESHF
								1
People	253			205	51865			0.94
Light								0.87
Eqp.Load								0.78
Appliances								0.73
LATENT I	HEAT SUB	TOTAL			62329	Notes		
SAFTY 10%	/ <sub>0</sub>				6233	Light	1	Watt/Sqft
TOTAL LA	TENT HE	EAT			68562	Equp	0.25	KW
ROOM TO	TAL HEA	Т			229433	Peoples	253	Nos
Sensi.Heat	1265	19.8	0.85	1.08	22993	Computer	0	Nos
Lat.Heat	1265	81.1	0.85	0.68	59298		_	
GRAND T	OTAL HE	АТ	311724		26.0			

Area	Осс	KW	Comp	TR	Deh Cfm	ADP F	Гotal Ac/H	%FA	
1871	253	0.25	0.0	26.0	10989	56.6	29.12474	11.5112	

GR/LB
146.5
65.4
81.1
860
492
492
CC DII
55 RH
ADP
57.8
57
57
56
54
52

GR/LB 146.5 65.4 81.1 405 656 55 RH ADP 57.8 57 56

54
52

GR/LB 146.5 65.4

81.1

1265

755

55 RH
ADP
57.8
57
56
54
52