\*\*\* BUILDING \*\*\*

FLOOR AREA 171490 SQFT 15931 M2 VOLUME 1767951 CUFT 50068 M3

	COOLING LOAD	HEATING LOAD		
TIME	JUN 21 7PM	DEC 21 4AM		
DRY-BULB TEMP	83 F 28 C	24 F -4 C		
WET-BULB TEMP	64 F 18 C	20 F -7 C		
TOT HORIZONTAL SOLAR RAD	112 BTU/H.SQFT 352 W/M2	0 BTU/H.SQFT 0 W/M2		
WINDSPEED AT SPACE	4.3 KTS 2.2 M/S	8.7 KTS 4.5 M/S		
CLOUD AMOUNT 0(CLEAR)-10	0	10		

	SENS	SIBLE	LAT	ENT	SENSIBLE
	(KBTU/H)	( KW )	(KBTU/H)	( KW )	(KBTU/H) ( KW )
WALL CONDUCTION	105.567	30.931	0.000	0.000	-218.447 -64.005
ROOF CONDUCTION	57.436	16.829	0.000	0.000	-53.464 -15.665
WINDOW GLASS+FRM COND	88.183	25.838	0.000	0.000	-446.960 -130.959
WINDOW GLASS SOLAR	601.856	176.344	0.000	0.000	8.417 2.466
DOOR CONDUCTION	0.000	0.000	0.000	0.000	0.000 0.000
INTERNAL SURFACE COND	0.000	0.000	0.000	0.000	0.000 0.000
UNDERGROUND SURF COND	-8.431	-2.470	0.000	0.000	-41.865 -12.267
OCCUPANTS TO SPACE	54.998	16.114	44.125	12.929	0.206 0.060
LIGHT TO SPACE	177.942	52.137	0.000	0.000	52.071 15.257
EQUIPMENT TO SPACE	644.762	188.915	33.337	9.768	5.003 1.466
PROCESS TO SPACE	11.905	3.488	8.781	2.573	0.000 0.000
INFILTRATION	8.383	2.456	0.083	0.024	-40.539 -11.878
TOTAL	1742.603	510.583	86 325	25.293	 -735.578 -215.524
TOTAL / AREA		0.032			-0.004 -0.014
TOTAL LOAD					
TOTAL LOAD / AREA	10.66 B	BTU/H.SQFT	33.635	W/M2	4.289 BTU/H.SQFT 13.528 W/

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\*\*\* BUILDING \*\*\*

FLOOR AREA 171490 SQFT 15931 M2 VOLUME 1767951 CUFT 50068 M3

		COOLING LOAD		HEATING	LOAD		
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TIME		JUL 23 8PM		JAN 5	5 SAM		
DRY-BULB TEMP	88	F	31 C	21 F	-6 C		
WET-BULB TEMP	68	F	20 C	18 F	-8 C		
TOT HORIZONTAL SOLAR RAI	57	BTU/H.SQFT	179 W/M2	0 BTU/H.SQF	T 0 W/M2		
WINDSPEED AT SPACE	2.7	KTS	1.4 M/S	0.0 KTS	0.0 M/S		
CLOUD AMOUNT 0(CLEAR)-1	0 0			10			
	SENSIBLI	E T.	ATENT	SEN	ISIBLE		
		KW ) (KBTU/H		(KBTU/H)			
WALL CONDUCTION	128.728 3	7.717 0.00	0.000	-218.006	-63.876		
ROOF CONDUCTION	60.111 1	7.613 0.00	0.000	-63.373	-18.568		
WINDOW GLASS+FRM COND	116.922 34	4.258 0.00	0.000	-409.944	-120.114		
WINDOW CLASS SOLAD	570 200 16	7 098 0 00	0 000	38 405	11 253		

WALL CONDUCTION	128.728	37.717	0.000	0.000	-218.006	-63.876	
ROOF CONDUCTION	60.111	17.613	0.000	0.000	-63.373	-18.568	
WINDOW GLASS+FRM COND	116.922	34.258	0.000	0.000	-409.944	-120.114	
WINDOW GLASS SOLAR	570.299	167.098	0.000	0.000	38.405	11.253	
DOOR CONDUCTION	0.000	0.000	0.000	0.000	0.000	0.000	
INTERNAL SURFACE COND	0.000	0.000	0.000	0.000	0.000	0.000	
UNDERGROUND SURF COND	-4.528	-1.327	0.000	0.000	-49.140	-14.398	
OCCUPANTS TO SPACE	36.316	10.640	36.415	10.670	36.107	10.579	
LIGHT TO SPACE	138.432	40.561	0.000	0.000	60.904	17.845	
EQUIPMENT TO SPACE	458.561	134.358	23.376	6.849	95.682	28.035	
PROCESS TO SPACE	6.974	2.043	4.829	1.415	3.271	0.958	
INFILTRATION	11.897	3.486	3.375	0.989	-44.197	-12.950	
TOTAL	1523.711	446.447	67.995	19.923	-550.291	-161.235	
TOTAL / AREA	0.009	0.028	0.000	0.001	-0.003	-0.010	
TOTAL LOAD	1591.706	KBTU/H	466.370	KW	-550.291 KBTU/H	-161.235	KW
TOTAL LOAD / AREA	9.28	BTU/H.SQFT	29.273	W/M2	3.209 BTU/H.SQFT	10.120	W/M2