

*** BUILDING ***

FLOOR AREA 273164 SQFT 25377 M2
VOLUME 2885681 CUFT 81722 M3

TIME	COOLING LOAD				HEATING LOAD			
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	JUL 23 8PM				JAN 5 3AM			
DRY-BULB TEMP	88 F		31 C		19 F		-7 C	
WET-BULB TEMP	68 F		20 C		17 F		-8 C	
TOT HORIZONTAL SOLAR RAD	57 BTU/H.SQFT		179 W/M2		0 BTU/H.SQFT		0 W/M2	
WINDSPEED AT SPACE	3.1 KTS		1.6 M/S		0.0 KTS		0.0 M/S	
CLOUD AMOUNT 0(CLEAR)-10	0				9			

	SENSIBLE		LATENT		SENSIBLE	
	(KBTU/H)	(KW)	(KBTU/H)	(KW)	(KBTU/H)	(KW)
WALL CONDUCTION	358.286	104.978	0.000	0.000	-534.948	-156.740
ROOF CONDUCTION	25.664	7.519	0.000	0.000	-31.995	-9.375
WINDOW GLASS+FRM COND	219.667	64.362	0.000	0.000	-849.820	-248.997
WINDOW GLASS SOLAR	684.909	200.678	0.000	0.000	63.567	18.625
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	-0.096	-0.028	0.000	0.000	-13.088	-3.835
OCCUPANTS TO SPACE	98.293	28.800	52.790	15.467	81.589	23.906
LIGHT TO SPACE	150.933	44.223	0.000	0.000	35.450	10.387
EQUIPMENT TO SPACE	284.863	83.465	13.020	3.815	62.385	18.279
PROCESS TO SPACE	107.820	31.591	0.000	0.000	19.347	5.669
INFILTRATION	17.620	5.163	4.999	1.465	-71.049	-20.817
TOTAL	1947.959	570.752	70.809	20.747	-1238.564	-362.899
TOTAL / AREA	0.007	0.022	0.000	0.001	-0.005	-0.014
TOTAL LOAD	2018.768 KBTU/H		591.499 KW		-1238.564 KBTU/H	-362.899 KW
TOTAL LOAD / AREA	7.39 BTU/H.SQFT		23.308 W/M2		4.534 BTU/H.SQFT	14.300 W/M2

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* NOTE 1)THE ABOVE LOADS EXCLUDE OUTSIDE VENTILATION AIR *
* ---- LOADS *
* 2)TIMES GIVEN IN STANDARD TIME FOR THE LOCATION *
* IN CONSIDERATION *
* 3)THE ABOVE LOADS ARE CALCULATED ASSUMING A *
* CONSTANT INDOOR SPACE TEMPERATURE *
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