

*** BUILDING ***

FLOOR AREA 273163 SQFT 25377 M2
VOLUME 2885680 CUFT 81722 M3

TIME	COOLING LOAD				HEATING LOAD			
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	JUL 23 8PM				JAN 6 5AM			
DRY-BULB TEMP	88 F 31 C				27 F -3 C			
WET-BULB TEMP	68 F 20 C				22 F -6 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				9.3 KTS 4.8 M/S			
CLOUD AMOUNT 0(CLEAR)-10	0				10			

	SENSIBLE		LATENT		SENSIBLE	
	(KBTU/H)	(KW)	(KBTU/H)	(KW)	(KBTU/H)	(KW)
WALL CONDUCTION	171.179	50.155	0.000	0.000	-211.619	-62.004
ROOF CONDUCTION	18.595	5.448	0.000	0.000	-19.610	-5.746
WINDOW GLASS+FRM COND	216.427	63.413	0.000	0.000	-774.879	-227.039
WINDOW GLASS SOLAR	948.360	277.870	0.000	0.000	34.440	10.091
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	-0.893	-0.262	0.000	0.000	-1.853	-0.543
OCCUPANTS TO SPACE	99.153	29.052	52.790	15.467	82.376	24.136
LIGHT TO SPACE	153.078	44.852	0.000	0.000	21.769	6.378
EQUIPMENT TO SPACE	285.958	83.786	13.020	3.815	57.166	16.750
PROCESS TO SPACE	108.945	31.921	0.000	0.000	2.698	0.791
INFILTRATION	17.620	5.163	4.999	1.465	-57.588	-16.873
TOTAL	2018.423	591.398	70.809	20.747	-867.099	-254.060
TOTAL / AREA	0.007	0.023	0.000	0.001	-0.003	-0.010
TOTAL LOAD	2089.232 KBTU/H		612.145 KW		-867.099 KBTU/H	-254.060 KW
TOTAL LOAD / AREA	7.65 BTU/H.SQFT		24.121 W/M2		3.174 BTU/H.SQFT	10.011 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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