



METRIC CONVERSIONS

ALL CONVERSIONS TO SI ARE APPROXIMATE

1'-0"	0.305m	16'-0"	4.877m	100'-0"	30.48m
2'-0"	0.610m	17'-0"	5.181m	200'-0"	60.96m
3'-0"	0.914m	18'-0"	5.486m	300'-0"	91.42m
4'-0"	1.219m	19'-0"	5.791m	400'-0"	121.90m
5'-0"	1.524m	20'-0"	6.096m	500'-0"	152.37m
6'-0"	1.829m	21'-0"	6.401m	600'-0"	182.84m
7'-0"	2.134m	22'-0"	6.706m	700'-0"	213.31m
8'-0"	2.438m	23'-0"	7.011m	800'-0"	243.78m
9'-0"	2.743m	24'-0"	7.316m	900'-0"	274.25m
10'-0"	3.048m	25'-0"	7.621m	1000'-0"	304.72m
15'-0"	4.572m	30'-0"	9.144m		
20'-0"	6.096m	35'-0"	10.668m		
25'-0"	7.621m	40'-0"	12.192m		
30'-0"	9.144m	45'-0"	13.716m		
35'-0"	10.668m	50'-0"	15.240m		
40'-0"	12.192m	55'-0"	16.764m		
45'-0"	13.716m	60'-0"	18.288m		
50'-0"	15.240m	65'-0"	19.812m		
55'-0"	16.764m	70'-0"	21.336m		
60'-0"	18.288m	75'-0"	22.860m		
65'-0"	19.812m	80'-0"	24.384m		
70'-0"	21.336m	85'-0"	25.908m		
75'-0"	22.860m	90'-0"	27.432m		
80'-0"	24.384m	95'-0"	28.956m		
85'-0"	25.908m	100'-0"	30.480m		
90'-0"	27.432m				
95'-0"	28.956m				
100'-0"	30.480m				

PLUMBING REQUIREMENTS

COLD WATER (PROBABLE MAXIMUM FLOW RATE)
64,000 SQ. FT. 50 G.P.M. (15.14 L/S)

HOT WATER STORAGE (ELECTRIC HOT WATER HEATER)
64,000 SQ. FT. 50 G.P.M. (15.14 L/S)

HEATING REQUIREMENTS (KBTU/HR)

OFFICES 68°F (20°C)
WAREHOUSE 50°F (10°C)

ELECTRICAL REQUIREMENTS (KW)

LIGHTS
CONNECTED LOAD 50
ESTIMATED DEMAND 40

POWER
CONNECTED LOAD 112
ESTIMATED DEMAND 96

TOTAL
CONNECTED LOAD 162
ESTIMATED DEMAND 136

AREA (SQ. FT.)

NOMINAL AREA 64,000 SQ. FT.
GROSS AREA 64,000 SQ. FT. (5,946 SQ. M)

NOTES

FLOOR LIVE LOAD 1,000 P.S.F. MINIMUM (49,000 KG/SQ. M)
BUILDING TO BE SPRINKLERED
ARCHITECTURAL TREATMENT, MATERIALS, FRAMING, AND CONSTRUCTION MAY VARY
UTILITY REQUIREMENTS INDICATED ARE FOR ESTIMATING PURPOSES ONLY
OFFICES AS SHOWN ARE TO BE INCLUDED AS STIPULATED
PROVIDE FLOOR DRAINS AND/OR WALL SCUPPERS FOR SPRINKLER DRAINAGE OR WASHDOWN OPERATIONS
REFRIGERATED AREAS TO BE SIZED ACCORDING TO REQUIREMENTS OF TABLE 6.1 OF IM-3



