

From 8

Data sheet no.3

Job: (Description of Work)

LOADS: LATERAL LOADS

(The lateral load data need not be given if not applicable but a commentary to that effect should be given)

- 1) Assumed No. of slabs above = Nos.
Ground level (including provision for future floors)
- 2) Assumed depth of foundation below ground = M
For calculation

Wind Loads (as per IS 875)

- a) Basic wind velocity = Km/hr
factor K1 =
factor K2 (corresponding to the given height) =
factor K3 =

b) Assumed building dimensions for calculating Cf(x) & Cf(y):

- Plan dimension along XX direction a = m
Plan dimension along YY direction b = m
Total height, h = m
Ratio a/b ratio h/b =
* Cf (x) = * Cf(y) =

Earthquake Loads (as per IS – 1893)

- Zone factor assumed: =
Foundation factor =
Importance factor I =
Performance factor k =

Assumed dimensions for calculating periods

- H = m
Dx = m Dy= m