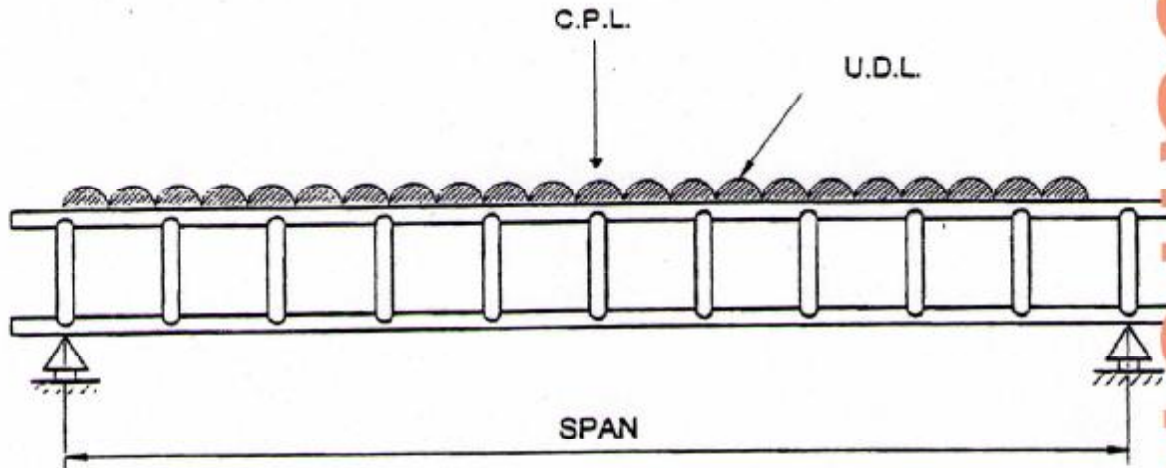


SIMPLY SUPPORTED SPANS

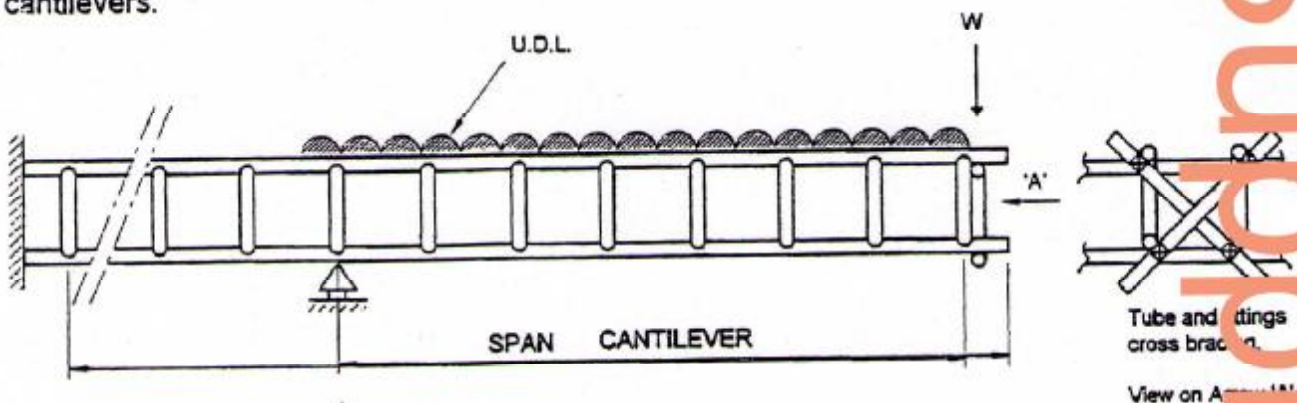
LOADING TABLES ARE FOR C.P.L. OR U.D.L. AS ALTERNATIVES



Maximum Span		Centre Point Load	Uniformly Distributed Load
m	ft	kN	kN
1.52	5	21.63	35.66
3.05	10	18.90	29.86
4.57	15	15.16	24.20
6.10	20	10.36	17.60

Compression chords must be fixed against lateral buckling every 1.5 to 2.0m. This can be done with lacing tubes which must be fixed to a rigid structure, or alternatively plan braced back to the bearings, with one plan brace for every six beams or less.

Both top and bottom chords must be rigidly fixed by couplers at the support points for both simple spans and cantilevers.



Cantilever = 2.0m (6'-6")

Point load on end:- $W = 7.13 \text{ kN max.}$

OR Uniformly distributed load = 12.93 kN max.

The free ends of cantilevers must be fixed against rotation by lacing the top and bottom chords and by providing cross bracing as shown, for every five beams or less.

Scaffolding Suppliers