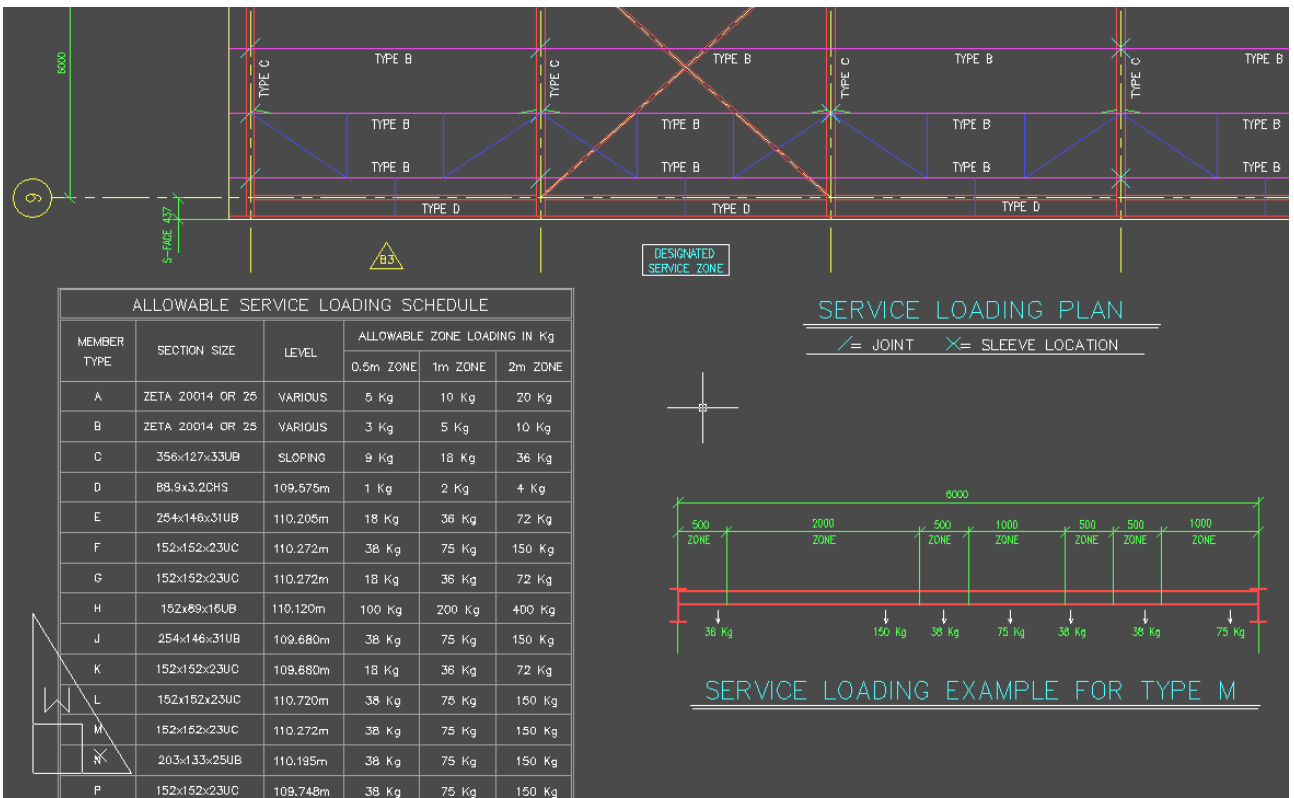


Service Loading Allowances

Service load allowances are stated as uniformly distributed loads and given as kn/m². This often causes confusion, and when dealing with localized heavy services a structural engineer is required to review proposed service supports. This can prove very costly and time consuming. An alternative is to have the original engineer provide a service loading drawing which states in Kilogrammes what service load can be taken by each members under various load combinations.



Key Points:-

1. Loads should be stated in Kg to save confusion. Your average service engineer or client will have little knowledge of Kn or UDL's.
2. Loads split into 3 zones e.g. 0.5m, 1m & 2m zones, more if required.
3. Members identified by letters or symbols, e.g. Member type A.
4. Original drawings can be re-used to add member id marks and load table so time spent producing information is much reduced.
5. A marked up master copy of the drawing can be kept by the client so they have a record of how much service allowances has been used.
6. Future service loads can be added without the need for engineers approval.
7. Chances of the structure being overstressed by future services will be much reduced as the client will have a record of what capacity is left in each member.

For further information contact Chris Achilles at Peers Tel – 01204 528393.