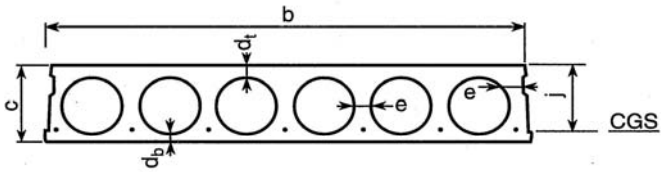
MANUFACTURING TOLERANCES

a = Length ..... ± 1 in.
b = Width ..... ± 1/4 in.
c = Depth ..... ± 1/4 in.
d_t = Top of flange thickness
Top flange area defined by the actual measured values of average d_t x b shall not be less than 85% of the nominal area calculated by d_t nominal x b nominal.
d_b = Bottom flange thickness
Bottom flange area defined by the actual measured values of average d_b x b shall not be less than 85% of the nominal area calculated by d_b nominal x b nominal.
e = Web thickness
The total cumulative web thickness defined by the actual measured value $\sum e$ shall not be less than 85% of the nominal cumulative width calculated by $\sum e$ nominal.
f = Rough Opening ..... ± 2 in.
g = Flange angle ..... 1/8 in. per 12 in., 1/2 in. max.
h = Variation from specified end squareness or skew ..... ± 1/2 in.
i = Sweep (variation from straight line parallel to centerline of member) ..... ± 3/8 in.
j = Center of gravity of strand group
The CG of the strand group relative to the top of the slab shall be within ± 1/4 in. of the nominal strand group CG.

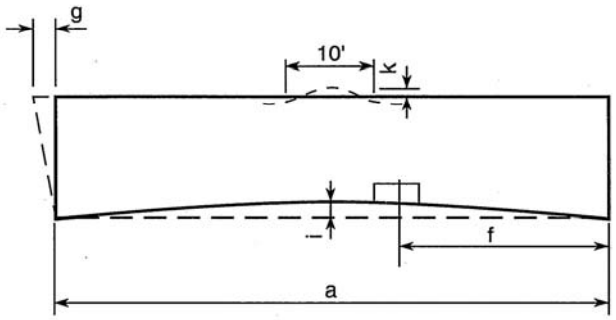
The position of any individual strand shall be within ± 1/2 in. of nominal vertical position and ± 3/4 in. of nominal horizontal position and shall have a minimum cover of 3/4 in.

k = Local smoothness ..... ± 1/4 in. in 10 ft.
l = Applications requiring close control of differential camber between adjacent membes of the same design should be discussed in detail with the producer to determine applicable tolerances.

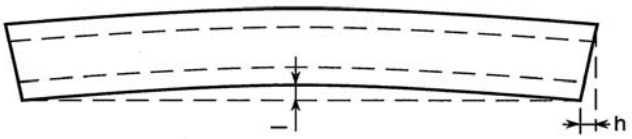
Slab Weight
Excess concrete material in the slab internal features is within tolerance as long as the measured weight of the individual slab does not exceed 110% of the nominal published unit weight used in the load capacity calculation.



CROSS SECTION



PLAN



ELEVATION