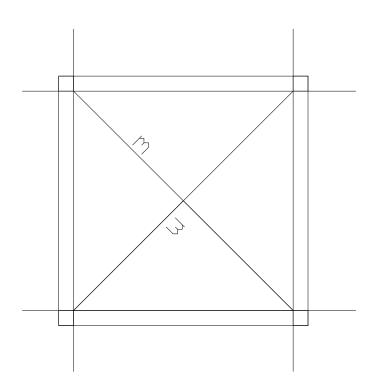


Factored load 10 kn/m.s



0.5*5*2.5*(1/3)*10*4=5*(1/2.5)*4*m solving for m $m=\ 10.41\ kn.m/m$

Multiplying by 1.1 as recommended by the concrete center:

m= 11.5 kn.m/m

This is 35 percent less than moment from finite element even without distributing any negative moment to columns