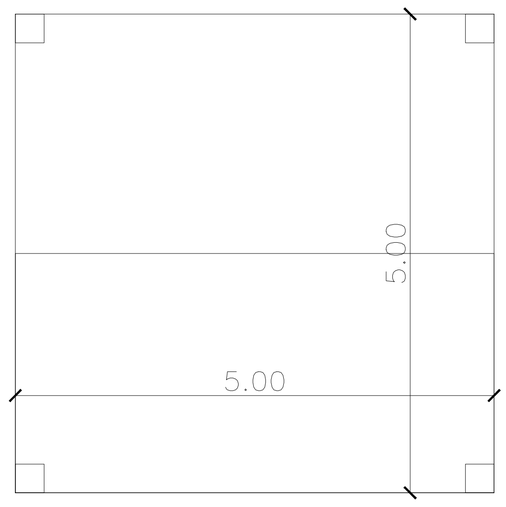
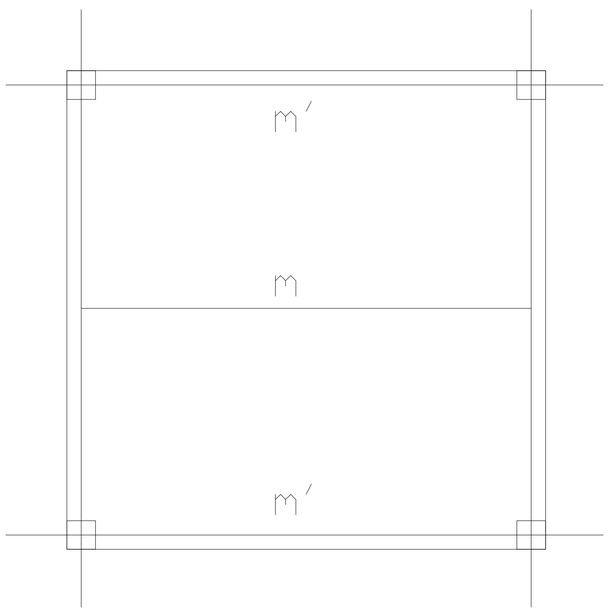


Factored load 10 kn/m.s



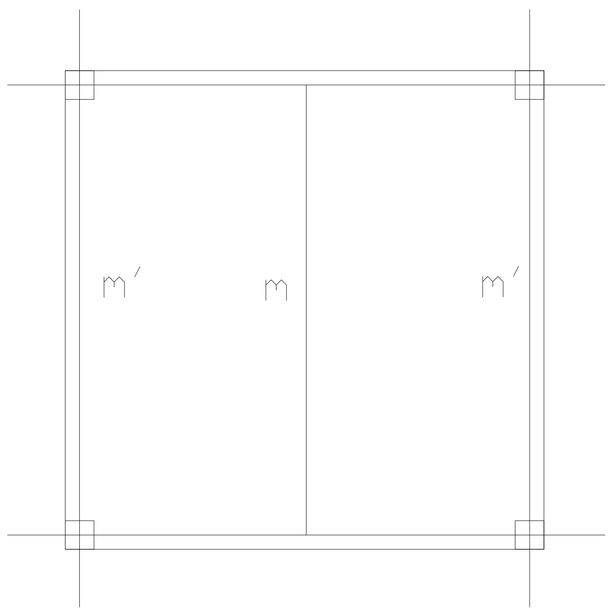
Moments about x

Folded plate about X
Assuming m′= 0.35 m

m = 25.5 kn.m/m

m′ = 8.93 kn.m/m

Concentrating moments
m′ over column in x
over (0.2*5 meter)
m′ * 5 / (1+1) = 22.33



Moments about y

Folded plate about y
Assuming m′= 0.35 m

m = 25.5 kn.m/m

m′ = 8.93 kn.m/m

Concentrating moments
m′ over column in x
over (0.2*5 meter)
m′ * 5 / (1+1) = 22.33