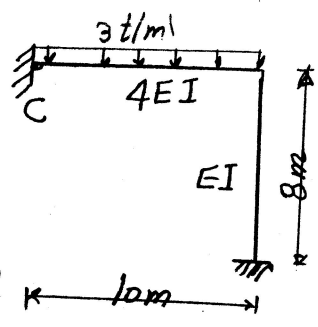
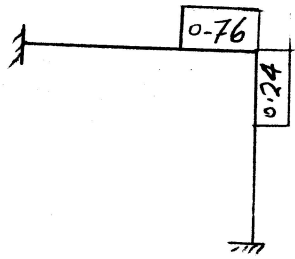


frame without sway

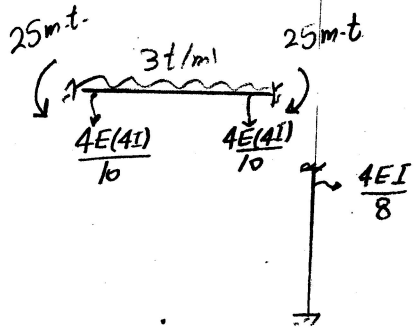


from symmetry

$U_{Cx} = 0$
 $R_{Cz} = 0$
 & due to middle column
 $U_{Cy} = 0$
 $\therefore C$ can be modeled as a fixed point.



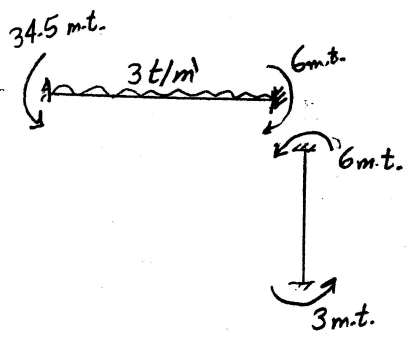
K



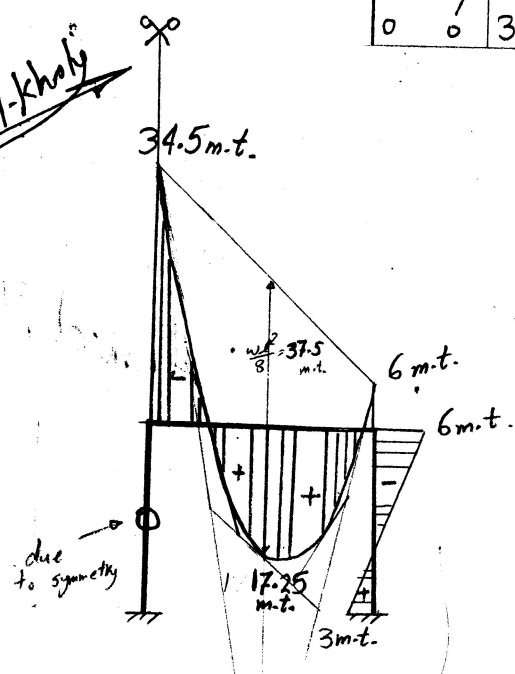
Key, F.E.M. & S

34.5	-6	M _{final}
0	0	DIS.
9.5	0	C.O.M.
0	19	DIS.
25	-25	F.E.M.

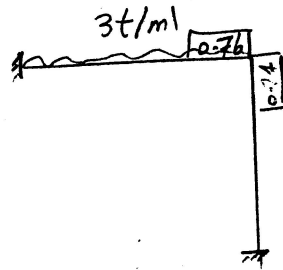
0	6	0	0	6
0	0	3	0	3



Ahmed M. El-kholy

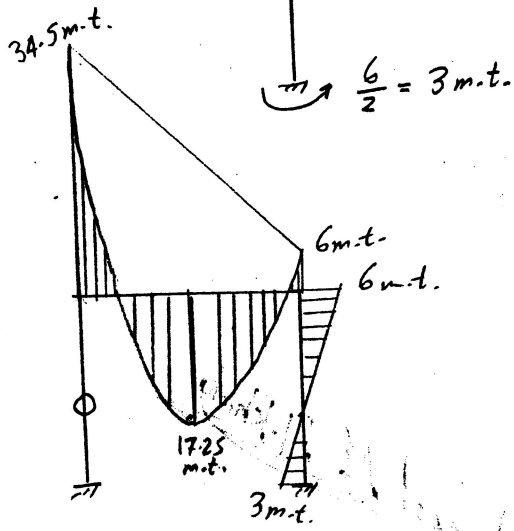


27 d



34.5	-6	Fixed
0	0	Dis.
9.5	0	C.O.M.
0	19	Dis.
25	-25	F.E.M.

6m.t. by joint balancing



B.M.D.
Ahmed M. Elkholi