U) (O

Solutions: 21-5-7.7-MK-04

M-3din C F= lokn

N-3din C F

(1.5m & 1.5m & 1.5m)

 $2M_{B} = 30kN + Ay(3m) - (lokN)(1.5m)$ $Ay = \frac{30kN(lokn)(1.5m)}{3m}$ Ay = 5kN

 $N_{c}=0$ $\xi f_{y}=0=5-V_{c} \Rightarrow V_{c}=5kN$ $\xi f_{N}=0=30 \ kN + (5kN)(1.5m) + M_{c}$

Mc= (5 KN)(1,5m) -30 KN => (Mc= -27,5 KNM