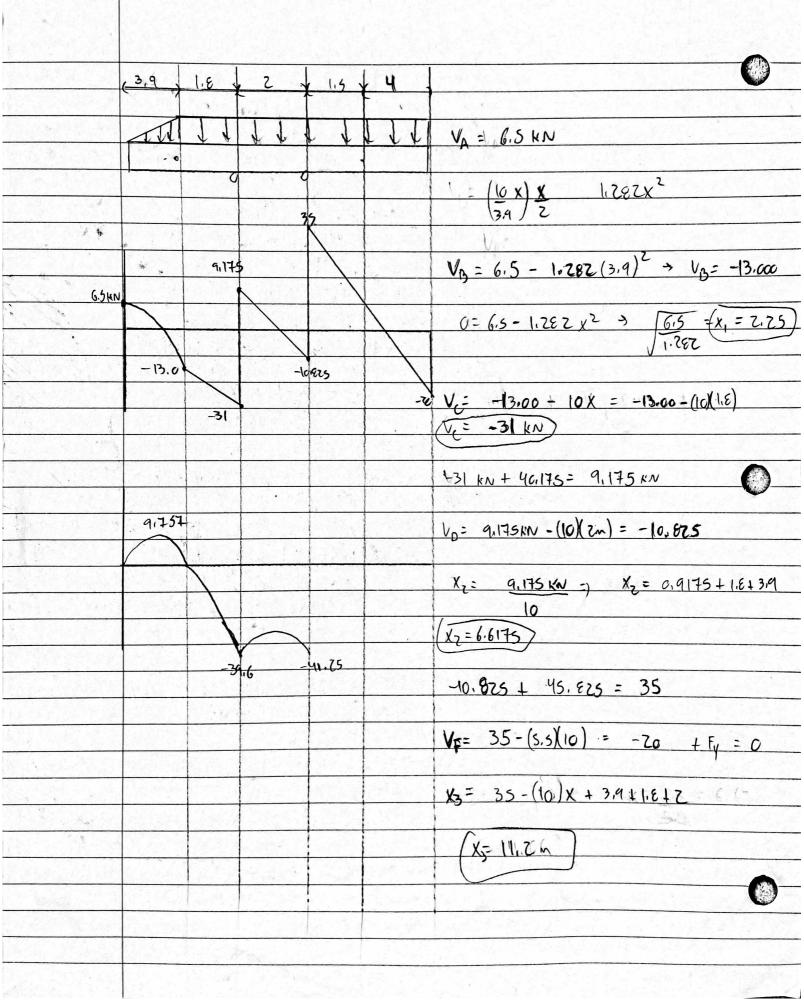
Solutions: 21-5-7.3-MK-01

lokn x 4 = 40KN > Ey=fy= jokalla (6 kN/m/3,9) = 19,5 kN/m @ 2,6m from lest EMA = - (2.6m) 19.5 NN/m) + By (3.9m) By= (2.6)(19.5km/m) = (by=13 kN) EMB= (1.3 m)(19.5 km/m) - Ay(3,9) = Ay= (1.3)(19.5 m) (Ay= 6.5 km OKNIM force = (10/W/m/(118+2+1.4) = 53KN @ 2.65m EM = (13KW/ 1.Em) - B3KN/0.ESm) + Dy(2) -(20KW)(3.5.) Dy= (53)(0,85) + (20)(3,5) -(13)(1,8) = (45.825 in EMD= -(20)(1,5)+(53)(1,15) - Cy(2) + (13)(3,8) > cy= 40.175 kw (1= (33)(1.15)+(13)(3.6)-20(1.5)

FIVE STAR.



MB= 15 6.5. - 1.282x2 > 6.5x - 1.282x3 Mo= 6.5 (3.9) -1,282 (3.9)3 = 0 MR = 6.5 (2.25) - 1.282 (2.25)3 = 19.757 KNM Mc = 0 + 5 - 13 + 10x > -13x - 10x2 Mc= -13 (1.8) - 10 (1.8)2 = (-39.6 KNM Ma= -B9.6 + 5 9.175 - 10x $M_0 = -39.6 + 9.175x - 10x^2 - 39.6 + 9.175(z) - 10(z)^2$ Mp= (-41.25 KNA) $M_{VZ} = -39.6 + 9.175(0.9175) - 10(0.9175)^2 = (-35.39 km)$ MF= -017.25 + 5 35 - 10x 3 -6.6759 + 35x - 10x2 Mp= =41.759 + 35 (5.5m) - 10 (5.5)2 My3= -41.75 +35 (3.5m) -10 (3.5)2 = 20