Schilas - 21-5-7.3-MK-08 300 161Ft 400 161Ft M= -300-0 = -75 16/442 1 0B 2 Mz = -400 = -8016/ft2 ZMA= (-300 16/14) (41) (-) (41) (-3) +(- 400 16/14) (514) = ((514) -) + (41) + (41) - 1500 16 (1594) By= 3492,6 16 EMB: - Ay (997) + (300 HUFF) (44) (3) 1 542) + (400 HAFF) (54) (3) - (1500 16) (64) Ay= 3926 16 1 Check Ety = 34926 = 3926 - 1500 - (400/05)(5) - (300/05)(4) = 0 V(16) V=-3926 V= -3926+ 5-75X Va = -392.6 - 75x2 = -992.6.16/ -1992.6 16 V\_= -992.8 + 5-800x > -992.6-80x2 > V3= -1992.6 16 Vo = - 1992/616+3492.6 = 1500 V = 1500 - 1500 = 0

M(16-87) B951  $M_1 = 0 + \int -392.6 - \frac{75x^2}{7} + \frac{-392.6x - \frac{75x^3}{6}}{6} \rightarrow -2368.1561$ MB= -2368.5 + 5-9926- 80x2 9- (23525.5 - 992.6x 480x3 > 1-9000 1 Mc= -900 + \$1500 3 -9000 + 1500 x 3 0 find the max shear when 1697.6-8072 Up Max bondry nevert MB