









Az = (39.24)(2)(5) = 392.4 KN B3 = (34.53)(2)(5)(12) = 172.7 KN

W1 = 2.4 (9.81) (3)(6) (5) = 2119 KN W2 = 2.+ (9.81) (1.5) (6) (12) (5) = 529.7 KN

All forces act at the centrald of their

PAm = pwgh = 9.81(4) = 39.24 kPa Pem = P+m + psqh = 39.24 + 1.76(9.81/2) = 73.77kPa DP = Pem - P+m = 34.53 x Pa

= 3.80