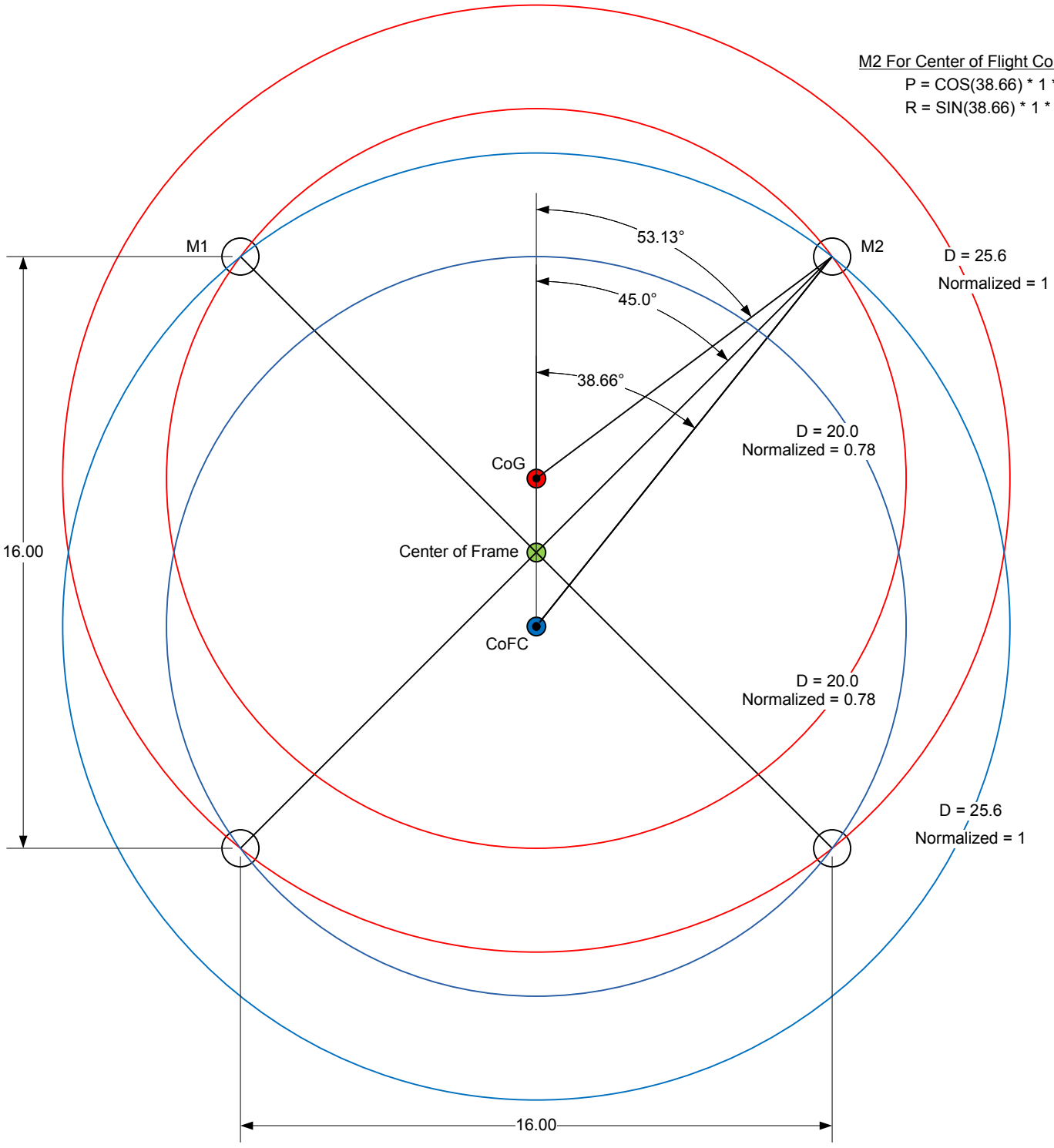
M2 For Center of Gravity (CoG)

P = COS(53.13) * 0.78 * 100 = 47

R = SIN(53.13) * 0.78 * 100 = 62

M2 For Center of Flight Controller (CoFC)

P = COS(38.66) * 1 * 100 = 78

R = SIN(38.66) * 1 * 100 = 62