CE 302 Term Project Supplementary Calculations Substitute frame method is used to calculate
the member end bending moments.

Since the cross sectional properties don't vary
across the abories, neither does the distribution > Since all stores have the same dimensions and loadings, any one of them can be analysed

The goof has different loading conditions & needs

to be analysed separately.

In this approximate method of analysis, sides way

due to asymmetric loading is ignored.

Analysis is done for frame along goudline (()

as pen the model (& guilline 3 as pen the question)

for load combination 1.5 (D1+LL). Substitute frame for floors: Prace give have Since P 20:543 18.513 8.016
R \$ Proposition of the state of the * The UD2 values are 1.5 (D2+LL) Combinations Individual loadings for Dr & LL are listed in part (a) calculation sheet



