From analysis; Model -> 7=0.606 5 110de 2 -> 7= 0.585 S 110de 3-) T= 0.582 s for acights; 0.25x0.45x16x5x25+0.25x0.45x32x5x25 = 675 tW = 68.8 tons (becoms) 0.25 x 0.4 x 3 x 17 x 5 x 25 + 0.4 x 0.4 x 3 x 3 x 3 x 25 = 900 eN = 91 34 tons (columns) 16x8x0.15 x5x25 = 2000 EN = 244.65 tons (slabs) for one floor Story height=3M 2 48.93 tens ~ stab Beams -> 25x45cm 5 ellare (1/4mns -) 40 140 13.76 tens -> beant slab thickness - 15cm 18.35 fens walumn a=b= 411 column > 25x50 & 81 tens/floor. N=5 $\frac{m(a^2+b^2)}{12} = 81(16^2+8^2) - 2160 = I$ mass meeters on be written in the following form 2166 15×15

$$\frac{1006 \ 1/7=0.6065}{01} = \frac{(1.18910^{-14})}{-0.304\times00^{14}} = \frac{(0.152)}{-0.046} = \frac{1}{2.504\times00^{14}} = \frac{0.152}{-0.096} = \frac{0.192}{-0.0156} = \frac{1}{1.49940^{-10}} = \frac{0.192}{-0.0156} = \frac{0.096}{1.49940^{-10}} = \frac{0.096}{-0.0156} = \frac{0.096}{1.49940^{-10}} = \frac{0.096}{-0.0156} = \frac{0.095}{-0.0156} = \frac{0$$

$$\begin{aligned}
\mathcal{U} &= \begin{pmatrix} C & G18 \\ C & G2 \\ C & G \\ C &$$

Mondian £ Uxn = \$ 2xn2 70.9 \$ mi 2 Myn- g 2/n2 20.9 g mi 0.9.2m-0.9x405-364.5 6605 1.411-4105 0.9 2 I = 0.9 x 2/60 x5 = 9720 1005 m2 For 3 first mades 111 = 9623.3 tons < 9920 tons -> not OK! 112 = 340.28 LODS < 364.5 HORS - not CH! 113 = 339.94 tens < 364.5 tens - not OK! -) so for Mode 4 114-047, m. 04-32443×103 -1.59 U= (-1.248×10-10 0.026 · 2 «14×10-12 24= Qu7.10. (= -593100 -2.318x16-9 -29.55 = 10123.7 EONS 114x = (-573100)2 1.36 × 10-10 1.99 -4392×10-11 -0.62 -3.56×10-9 -45.64 =) so after callalating mode s -1.444×10-10 -1.84 -7 374×16-13 -9.4110-3 and 6 it will be seen that minimum -U.865x10-9 -62.02 1.049 x 16-10 6 mide will readequate according to 1.33 -0.41 -8.235×10-11 -61,74 - u 243116-9 ade -0.52 -4 117 X10-11 1,5 1.18 XIC-10 -5 206×10-9 -66.37