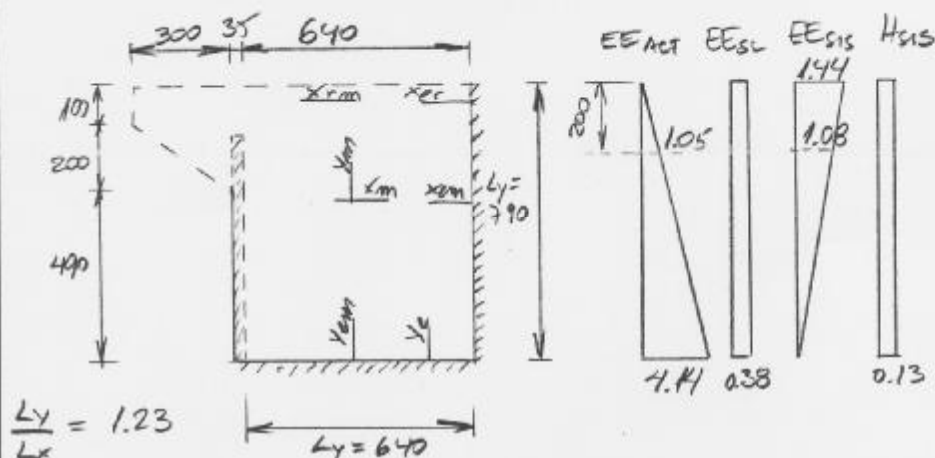


2.4.5. MUROS LATERALES (EST. NORTE)

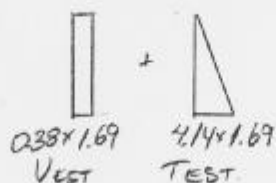


$$\frac{L_y}{L_x} = 1.23$$

CASO ESTAT.

CASO SISMICO

CARGAS MURO:



CARGA UNIFORME (U)

$M = \frac{U \cdot L_x \cdot L_y}{m}$	M_{xer}	M_{xcm}	M_{xrm}	M_{xm}	M_{yem}	M_{yc}	M_{ym}
	-14.1	-16.2	20.6	35.8	-21.1	-28.4	130
M_{Uest}	-2.3	-2.0	1.1	0.9	-1.5	-1.1	0.2
M_{Usis}	-7.3	-6.4	3.6	2.9	-4.9	-3.6	0.8

CARGA TRIANGULAR (T)

$M = \frac{T \cdot L_x \cdot L_y}{2 \cdot m}$	M_{xer}	M_{xcm}	M_{xrm}	M_{xm}	M_{yem}	M_{yc}	M_{ym}
	-54.1	-17.2	73.8	40.9	-15.6	-20.4	66.6
M_{Ttest}	-3.3	-10.3	2.4	4.3	-11.3	-8.7	2.7
M_{Tsis}	-2.5	-7.6	1.7	3.2	-8.3	-6.3	1.9

TOTALES

	X_{er}	X_{cm}	X_{rm}	X_m	Y_{em}	Y_c	Y_m
$M_{est. (TON-M/M)}$	-5.6	-12.3	3.5	5.2	-12.8	-9.8	2.9
$M_{sis. (TON-M/M)}$	-9.8	-14.0	5.3	6.1	-13.2	-9.9	2.7
$M_{dis. (")}$	-9.8	-14.0	5.3	6.1	-13.2	-9.9	2.9
$d (cm)$	30	30	30	30	28.5	28.5	28.5
$A_s (cm^2)$	9.0	13.0	4.8	5.5	13.0	9.6	2.7
$c/\phi 12 @ 20 + s: \phi 12 @ 20$	$\phi 16 @ 20$	$\phi 16 @ 20$	-	-	$\phi 16 @ 20$	$\phi 12 @ 20$	-