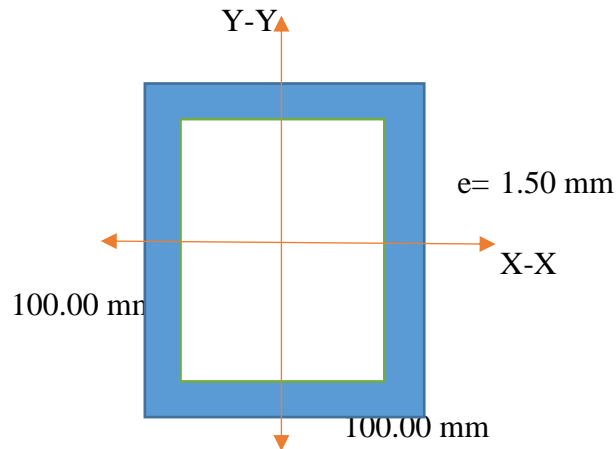


					COM SERVICIO 1	
ARRIOSTR E	DEAD	LIVE	V-BARLV	V-SOTV	1.0CM + 1.0CV + 0.3VB	1.0CM + 1.0CV + 0.3VS
A-1	-2.63Tn	-9.46Tn	-2.19Tn	1.08Tn	-12.75Tn	-11.77Tn
A-2	-2.38Tn	-8.45Tn	-1.61Tn	0.79Tn	-11.31Tn	-10.59Tn
A-3	-2.10Tn	-7.44Tn	-1.13Tn	0.55Tn	-9.88Tn	-9.38Tn
A-4	-1.81Tn	-6.43Tn	-0.69Tn	0.34Tn	-8.45Tn	-8.14Tn
A-5	-1.54Tn	-5.42Tn	-0.45Tn	0.22Tn	-7.09Tn	-6.89Tn
A-6	-1.25Tn	-4.42Tn	-0.24Tn	0.12Tn	-5.74Tn	-5.63Tn
A-7	-0.98Tn	-3.42Tn	-0.15Tn	0.08Tn	-4.44Tn	-4.37Tn
A-8	-0.69Tn	-2.43Tn	-0.10Tn	0.05Tn	-3.14Tn	-3.10Tn
A-9	-0.42Tn	-1.44Tn	-0.10Tn	0.05Tn	-1.89Tn	-1.85Tn
A-10	-0.14Tn	-0.48Tn	-0.12Tn	0.06Tn	-0.66Tn	-0.61Tn
A-11	-0.15Tn	-0.49Tn	0.16Tn	-0.08Tn	-0.59Tn	-0.66Tn
A-12	-0.42Tn	-1.45Tn	0.21Tn	-0.10Tn	-1.81Tn	-1.91Tn
A-13	-0.69Tn	-2.44Tn	0.24Tn	-0.12Tn	-3.05Tn	-3.16Tn
A-14	-0.98Tn	-3.43Tn	0.26Tn	-0.13Tn	-4.33Tn	-4.45Tn
A-15	-1.25Tn	-4.43Tn	0.25Tn	-0.12Tn	-5.61Tn	-5.72Tn
A-16	-1.54Tn	-5.44Tn	0.18Tn	-0.09Tn	-6.93Tn	-7.01Tn
A-17	-1.82Tn	-6.45Tn	0.06Tn	-0.03Tn	-8.25Tn	-8.28Tn
A-18	-2.11Tn	-7.47Tn	-0.21Tn	0.10Tn	-9.64Tn	-9.55Tn
A-19	-2.39Tn	-8.48Tn	-0.53Tn	0.26Tn	-11.03Tn	-10.79Tn
A-20	-2.64Tn	-9.49Tn	-0.95Tn	0.47Tn	-12.42Tn	-12.00Tn
A-21	-2.65Tn	-9.50Tn	2.19Tn	-1.08Tn	-11.49Tn	-12.47Tn
A-22	-2.40Tn	-8.51Tn	1.64Tn	-0.80Tn	-10.42Tn	-11.15Tn
A-23	-2.12Tn	-7.52Tn	1.08Tn	-0.53Tn	-9.32Tn	-9.80Tn
A-24	-1.85Tn	-6.54Tn	0.73Tn	-0.36Tn	-8.17Tn	-8.50Tn
A-25	-1.57Tn	-5.55Tn	0.42Tn	-0.21Tn	-6.99Tn	-7.18Tn
A-26	-1.30Tn	-4.56Tn	0.26Tn	-0.13Tn	-5.78Tn	-5.90Tn
A-27	-1.01Tn	-3.57Tn	0.14Tn	-0.07Tn	-4.53Tn	-4.60Tn
A-28	-0.74Tn	-2.56Tn	0.10Tn	-0.05Tn	-3.27Tn	-3.32Tn
A-29	-0.44Tn	-1.55Tn	0.10Tn	-0.05Tn	-1.96Tn	-2.01Tn
A-30	-0.16Tn	-0.52Tn	0.12Tn	-0.06Tn	-0.65Tn	-0.70Tn
A-31	-0.16Tn	-0.51Tn	-0.16Tn	0.08Tn	-0.72Tn	-0.65Tn
A-32	-0.44Tn	-1.54Tn	-0.20Tn	0.10Tn	-2.04Tn	-1.95Tn
A-33	-0.73Tn	-2.55Tn	-0.24Tn	0.12Tn	-3.36Tn	-3.25Tn
A-34	-1.01Tn	-3.55Tn	-0.26Tn	0.13Tn	-4.64Tn	-4.52Tn
A-35	-1.29Tn	-4.55Tn	-0.24Tn	0.12Tn	-5.91Tn	-5.80Tn
A-36	-1.56Tn	-5.53Tn	-0.19Tn	0.09Tn	-7.15Tn	-7.07Tn
A-37	-1.84Tn	-6.51Tn	-0.04Tn	0.02Tn	-8.37Tn	-8.35Tn
A-38	-2.11Tn	-7.50Tn	0.18Tn	-0.09Tn	-9.55Tn	-9.63Tn
A-39	-2.39Tn	-8.47Tn	0.55Tn	-0.27Tn	-10.71Tn	-10.95Tn
A-40	-2.64Tn	-9.46Tn	0.95Tn	-0.47Tn	-11.81Tn	-12.24Tn
MAXIMO ESFUERZO EN COMPRESION Tn					-12.75 Tn	-12.47 Tn

MAXIMO ESFUERZO EN COMPRESION NEWTON	125054.74 N	122305.59 N
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b=	100.00 mm	An=	531.90 mm ²
h=	100.00 mm	Fy=	250.00 Mpa
e=	1.50 mm	Fu=	400.00 Mpa
Ag=	591.00 mm ²	E=	200.00 Gpa
Ix=	955893.25 mm ⁴	G=	77.20 Gpa
Iy=	955893.25 mm ⁴	ry=	40.22 mm
rx=	40.22 mm	K=	1
		L=	3606.00 mm

θ (traccion)= 0.95

θ (compresión)= 0.9

Traccion		
Pn=	Fy*Ag	147750.00 N
Pu=	θ *Fy*Ag	140362.50 N

OK

EFICIENCIA

89.09%

Compresión		
Pn=	Fu*An	212760.00 N
Pu=	θ *Fu*An	191484.00 N

OK

EFICIENCIA

65.31%

VERIFICACION POR ESBELTEZ

$$\frac{KL}{r} \leq 200$$

89.66331

OK

EFICIENCIA

45%