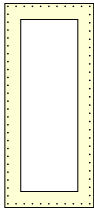


Property

1. Material

Concrete	Grade C6000
f_c'	6.00 kip/in ²
E_c	4664.30 kip/in ²
Poisson's Ratio	0.20
Weight Density	0.00 kip/in ³
Nonlinear Property	Curve 5:Mander
Rebar	Grade 60
f_y	60.00 kip/in ²
E_s	29000.00 kip/in ²
Nonlinear Property	Bilinear Model

2. Section



As 107.64 in²

I . General

Area	7848 in ²
Shear Area (y)	1925.205542 in ²
Shear Area (z)	5678.575481 in ²
Ixx	26457562.78 in ⁴
Iyy	36529632 in ⁴
Izz	7818984 in ⁴
Centroid (y)	42 in
Centroid (z)	102 in

II. Section Modulus

Section Modulus (Top)	358133.6471 in ³
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Section Modulus (Bottom)	358133.6471 in ³
Section Modulus (Right)	186166.2857 in ³
Section Modulus (Left)	186166.2857 in ³

III. Principal Properties

Principal Angle	0 °
I _{yy} '	36529632 in ⁴
I _{zz} '	7818984 in ⁴

IV. Plastic Properties

Plastic Modulus (Major axis)	474552 in ³
Plastic Modulus (Minor axis)	234468 in ³

3. Design Load Combination

No	Name	Pu(kip)	My(kip×in)	Mz(kip×in)	Vy(kip)	Vz(kip)	T(kip×in)
1	LC1	5066.00	-246455.0	-43632.00	0.00	0.00	0.00
2	LC2	10326.00	-335904.0	-99696.00	0.00	0.00	0.00