

wmbc
toil

Page : 207
Made by : dr
Date : 21/2/00
Job No. : u3219
Checked by : AT

14:37:25/2/00

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Job Name : wmbc

Structure Type = Space Frame
No of joints = 127
No of members = 238

Analysis Settings

Analysis method = Linear Elastic

Material Types

Data last edited at 15:44 on 21/2/00

Units: E(kN/mm²) G(kN/mm²) CTE(/deg C) Density(kN/m³)

Type no	E CTE	G Density	Name
1	28.0 0.0	12.0 24.0	concrete

Sections

Data last edited at 09:04 on 24/2/00

Section 1 : SLAB LONGITUDINAL : General

Ax = 5271.00 cm ²	Az = 5271.00 cm ²	Ay = 5271.00 cm ²
Ix = 916890.00 cm ⁴	Iy = 538081.00 cm ⁴	Iz = 9962348.00 cm ⁴
	Cz = 0.0 mm	Cy = 0.0 mm

Section 2 : SLAB TRANSVERSE : General

Ax = 6772.50 cm ²	Az = 6772.50 cm ²	Ay = 6772.50 cm ²
Ix = 1219558.00 cm ⁴	Iy = 691359.00 cm ⁴	Iz = 21131469.00 cm ⁴
	Cz = 0.0 mm	Cy = 0.0 mm

Section 3 : BEAM 1 : General

Ax = 7573.00 cm ²	Az = 7573.00 cm ²	Ay = 7573.00 cm ²
Ix = 1173031.00 cm ⁴	Iy = 3334360.00 cm ⁴	Iz = 11574719.00 cm ⁴
	Cz = 0.0 mm	Cy = 0.0 mm

Section 4 : TRANSVERSE SLAB : General

Ax = 3675.00 cm ²	Az = 3675.00 cm ²	Ay = 3675.00 cm ²
Ix = 464703.00 cm ⁴	Iy = 275000.00 cm ⁴	Iz = 4595664.00 cm ⁴
	Cz = 0.0 mm	Cy = 0.0 mm

Section 5 : EDGE BEAM : General

Ax = 4944.00 cm ²	Az = 4944.00 cm ²	Ay = 4944.00 cm ²
Ix = 1101019.00 cm ⁴	Iy = 2840000.00 cm ⁴	Iz = 2376834.00 cm ⁴
	Cz = 0.0 mm	Cy = 0.0 mm

Section 6 : WALL TRANSVERSE : General

Ax = 3765.00 cm ²	Az = 3765.00 cm ²	Ay = 3765.00 cm ²
Ix = 349439.00 cm ⁴	Iy = 7115963.00 cm ⁴	Iz = 196094.00 cm ⁴
	Cz = 0.0 mm	Cy = 0.0 mm

Section 7 : WALLS LONG : General

Ax = 2575.00 cm ²	Az = 2575.00 cm ²	Ay = 2575.00 cm ²
Ix = 226922.00 cm ⁴	Iy = 2276515.00 cm ⁴	Iz = 134115.00 cm ⁴
	Cz = 0.0 mm	Cy = 0.0 mm