

7. Appendix

Section

General Information

Depth (cm)

Width (cm)

Area (cm²)

Radius of Gyration

r_x (cm)

r_y (cm)

Moment of Inertia

I_x (cm⁴)

I_y (cm⁴)

Section Modulus

W_{+x} (cm³)

W_{-x} (cm³)

W_{+y} (cm³)

W_{-y} (cm³)

Torsional Constants

J (cm⁴)

C_w (cm⁶)

Beta_{Torsion} (cm)

Shear Center

X_s (cm)

Y_s (cm)

Plastic Property

Z_x (cm³)

Z_y (cm³)