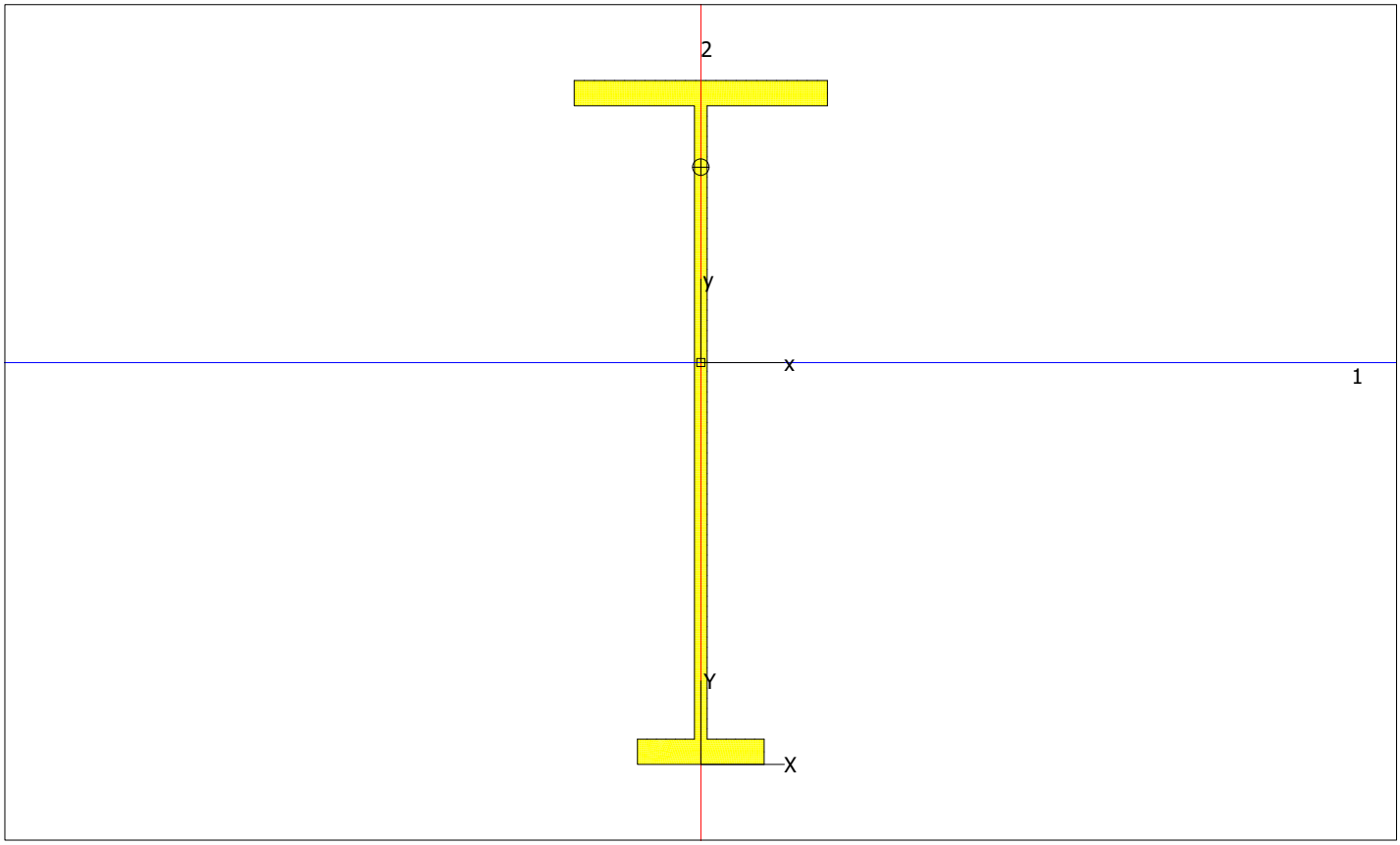
Title:	
Project:	
Author:	Reference:



Centroid (m)

Xc	$0.0000000000 \times 10^{0}$
Yc	$3.1727272727 \times 10^{-1}$
Area (m^2)	$1.1000000000 \times 10^{-2}$

Global Moments of Area (m^4)

IXX	$1.5926666667 \times 10^{-3}$
IYY	$1.5041666667 \times 10^{-5}$
IXY	$0.0000000000 \times 10^{0}$

PRINCIPAL AXES

Moments of Area (m^4)

I11	$4.8538484848 \times 10^{-4}$
I22	$1.5041666667 \times 10^{-5}$
Angle (deg)	$0.0000000000 \times 10^{0}$

Section Modulus (m^3)

Z11 +	$2.1792789116 \times 10^{-3}$
Z11 -	$1.5298662846 \times 10^{-3}$
Z22 +	$1.5041666667 \times 10^{-4}$
Z22 -	$1.5041666667 \times 10^{-4}$

Plastic Modulus (m^3)

S11	$2.0849982300 \times 10^{-3}$
S22	$2.6250000000 \times 10^{-4}$

Radius of Gyration (m)

r1	$2.1006164647 \times 10^{-1}$
r2	$3.6978699848 \times 10^{-2}$

Shear Area (m^2)

SA1	$4.1465810813 \times 10^{-3}$
SA2	$5.1163357054 \times 10^{-3}$

Shear Centre (m)

SL1	$0.0000000000 \times 10^{0}$
SL2	$1.5428504787 \times 10^{-1}$

LOCAL AXES

Moments of Area (m^4)

Ixx	$4.8538484848 \times 10^{-4}$
Iyy	$1.5041666667 \times 10^{-5}$
Ixy	$0.0000000000 \times 10^{0}$

Section Modulus (m^3)

Zxx +	$2.1792789116 \times 10^{-3}$
Zxx -	$1.5298662846 \times 10^{-3}$
Zyy +	$1.5041666667 \times 10^{-4}$
Zyy -	$1.5041666667 \times 10^{-4}$

Plastic Modulus (m^3)

Sxx	$2.0849982300 \times 10^{-3}$
Syy	$2.6250000000 \times 10^{-4}$

Radius of Gyration (m)

rx	$2.1006164647 \times 10^{-1}$
ry	$3.6978699848 \times 10^{-2}$

Radius Area Integral (m^3)

rdA	$2.1463414487 \times 10^{-3}$

Torsion Constant (m^4)

J	$9.1838800792 \times 10^{-7}$

Warping Constant (m^6)

Iw	$4.0290907437 \times 10^{-7}$