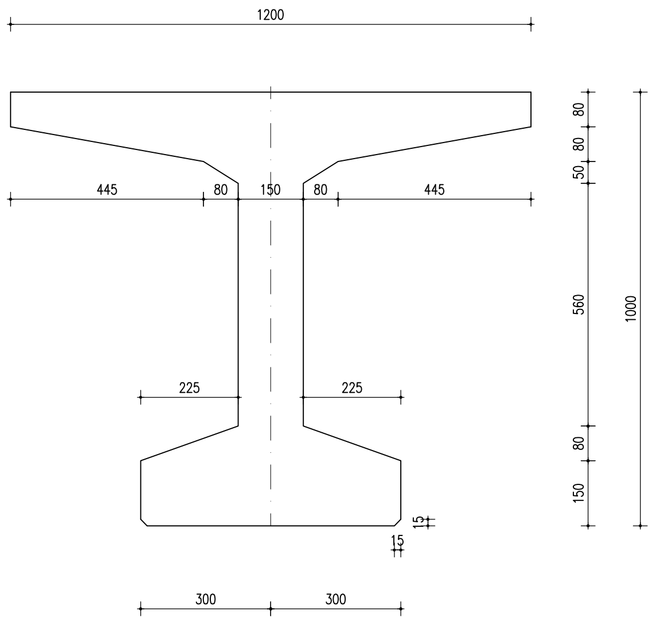
A= area
J= moment of inertia
Ws= superior modulus of resistance
Wi= inferior modulus of resistance
Dbi=barycenter distance from bottom

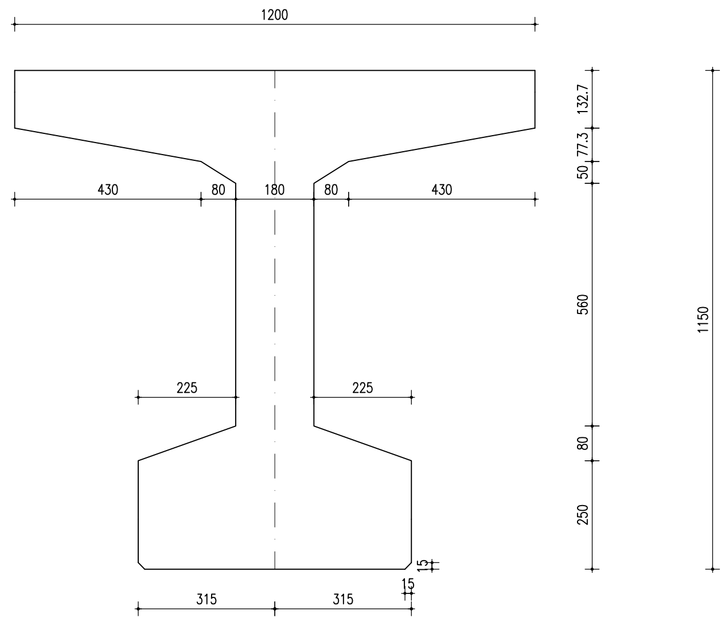
Beam Type 3



A= 3717 cmq Ws= 116643 cm^3
J= 5066293 cm^4 Wi= 89564 cm^3
Dbi= 56.57 cm

A= area
J= moment of inertia
Ws= superior modulus of resistance
Wi= inferior modulus of resistance
Dbi=barycenter distance from bottom

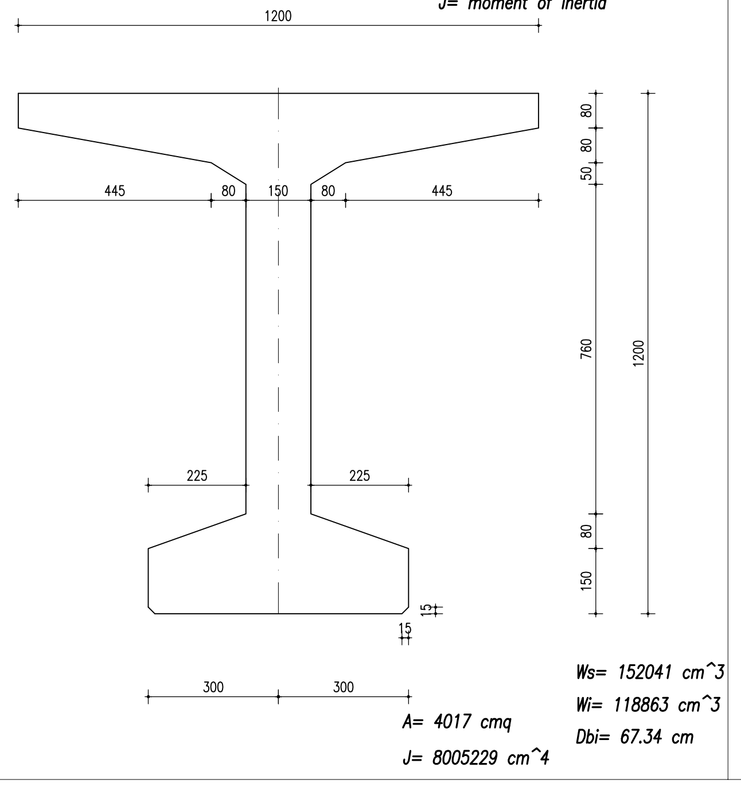
Beam Type 7



A= 5222 cmq Ws= 174239 cm^3
J= 8910681 cm^4 Wi= 139535 cm^3
Dbi= 63.86 cm

Ws= superior modulus of resistance
Wi= inferior modulus of resistance
Dbi=barycenter distance from bottom
A= area
J= moment of inertia

Beam Type 4

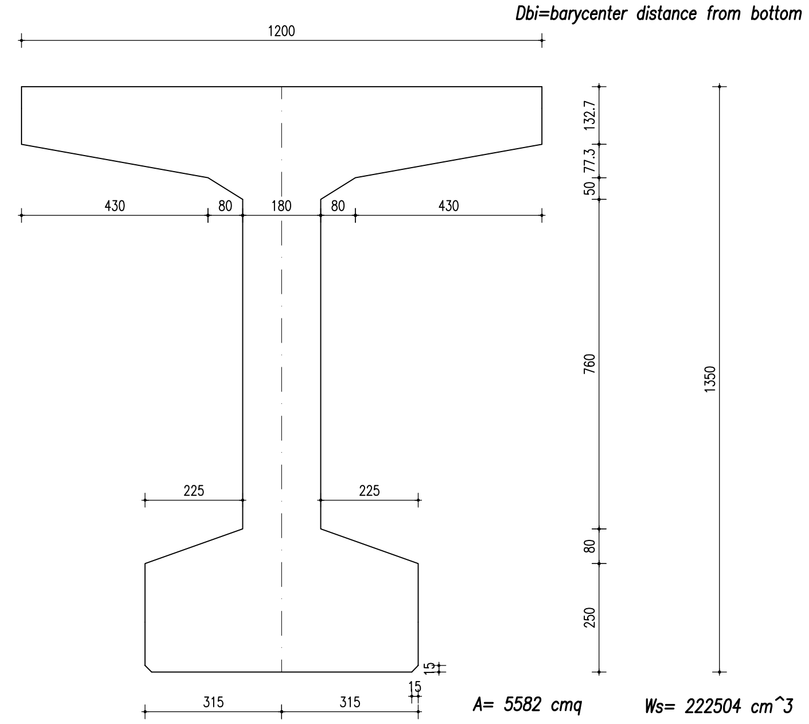


Ws= 152041 cm^3
Wi= 118863 cm^3
Dbi= 67.34 cm

A= 4017 cmq
J= 8005229 cm^4

A= area
J= moment of inertia
Ws= superior modulus of resistance
Wi= inferior modulus of resistance
Dbi=barycenter distance from bottom

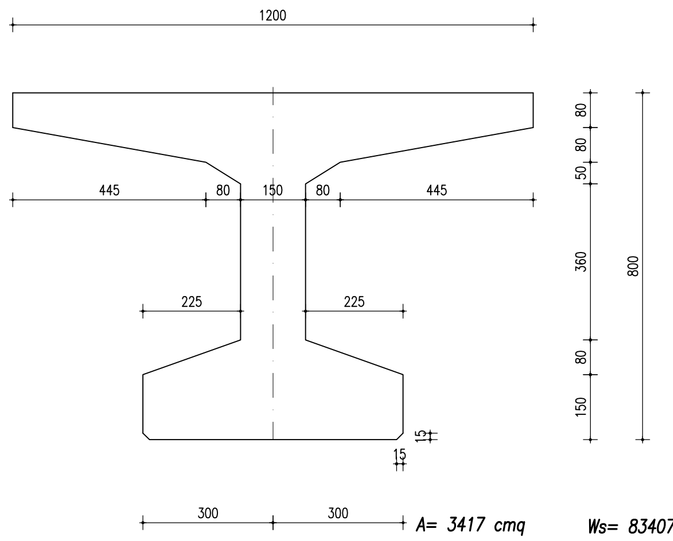
Beam Type 8



A= 5582 cmq Ws= 222504 cm^3
J= 13477269 cm^4 Wi= 181075 cm^3
Dbi= 74.43 cm

A= area
J= moment of inertia
Ws= superior modulus of resistance
Wi= inferior modulus of resistance
Dbi=barycenter distance from bottom

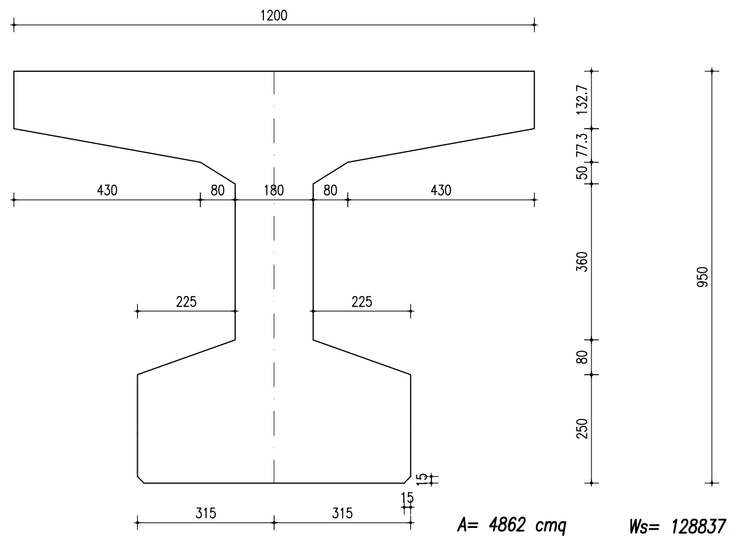
Beam Type 2



A= 3417 cmq Ws= 83407 cm^3
J= 2865358 cm^4 Wi= 62773 cm^3
Dbi= 45.65 cm

A= area
J= moment of inertia
Ws= superior modulus of resistance
Wi= inferior modulus of resistance
Dbi=barycenter distance from bottom

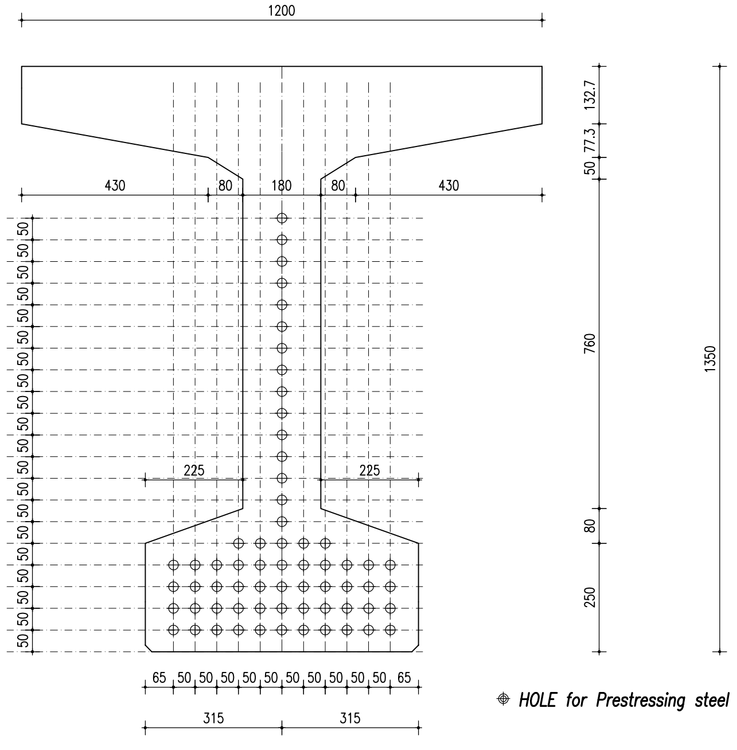
Beam Type 6



A= 4862 cmq Ws= 128837 cm^3
J= 5384677 cm^4 Wi= 101204 cm^3
Dbi= 53.21 cm

PRETENSION

Beam Type 8


1200
430
80
180
80
430
65
50
50
50