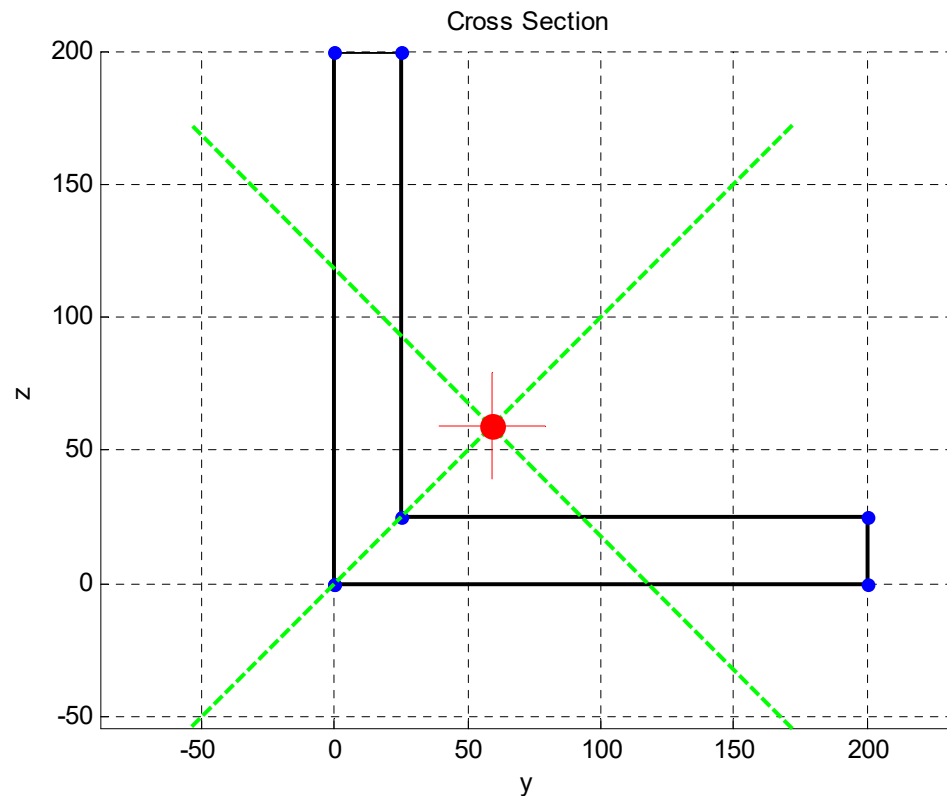


CP 3—Properties of Areas

Benchmark case

The *benchmark* case will be used to demonstrate that your code works for the *in-class code check* (consult course schedule to see when that is).



CP 3

Coordinates of vertices

Vertex	Y	Z
1	0.000	0.000
2	200.000	0.000
3	200.000	25.000
4	25.000	25.000
5	25.000	200.000
6	0.000	200.000
7	0.000	0.000

Properties of the area

Area :	9375
Cy :	59.167
Cz :	59.167
J(yy) :	3.4759e+07
J(zz) :	3.4759e+07
J(yz) :	-2.0417e+07
J(max) :	5.5176e+07
J(min) :	1.4342e+07
J(polar) :	6.9518e+07