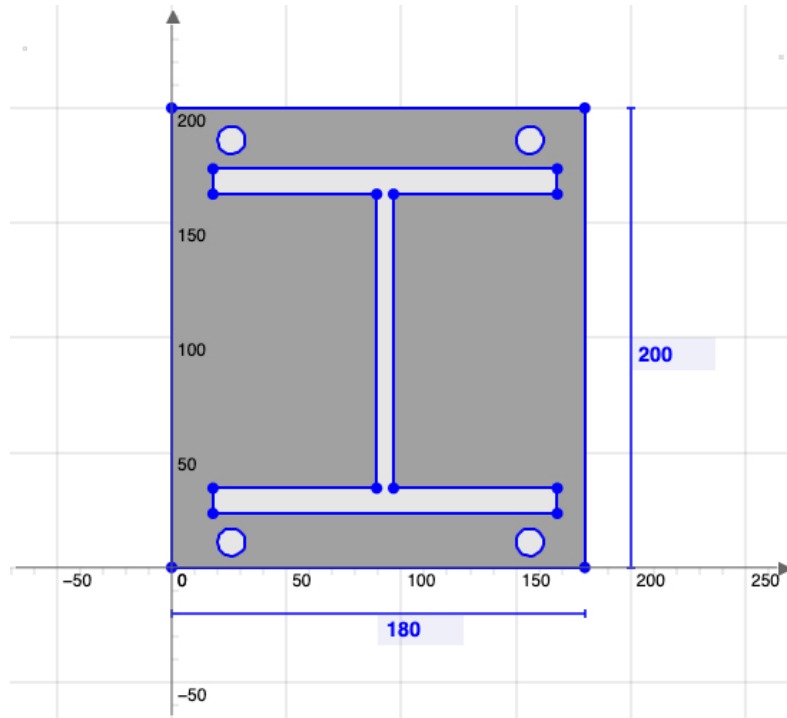


Section Analysis Report

Date: Wed Aug 03 2022 14:03:31 GMT+1000 (Australian Eastern Standard Time)

Engineer/Designer: Sam Carigliano (sam@skyciv.com)

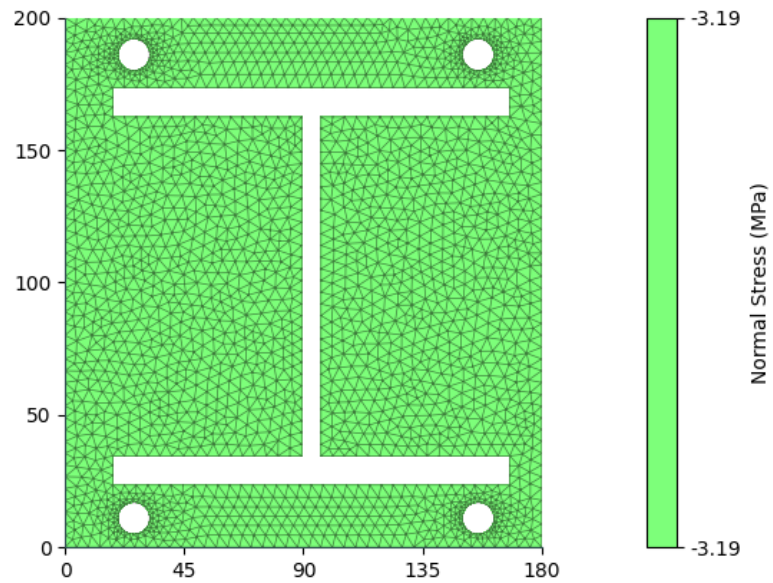


Analysis Results

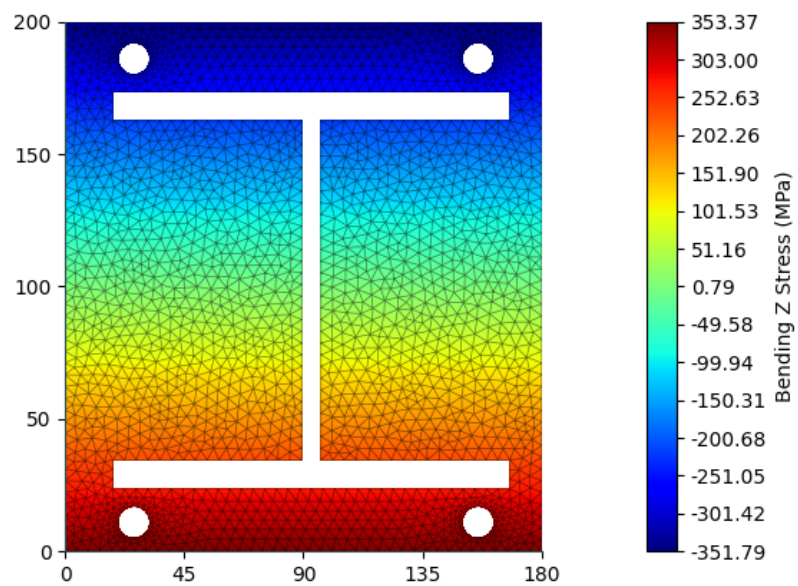
Result		Min (MPa)	Max (MPa)
Primary Stresses			
Normal Stress			
Axial		-3.193	-3.193
Bending Y		0	0
Bending Z		-351.786	353.37
Shear Stress			
Resultant Shear Y		0.002	48.179
Resultant Shear Z		0.001	60.237
Torsion		0	0
Combined Stresses			
Normal		-354.98	350.176
Shear		0.007	99.676
Von Mises		11.609	362.603
Major Principal		0	357.932
Minor Principal		-360.037	0

Analysis Renders

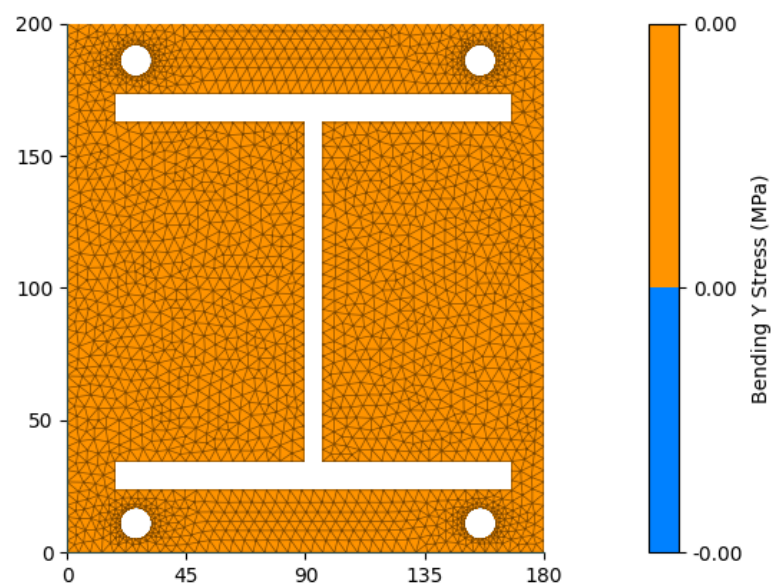
Axial Stress



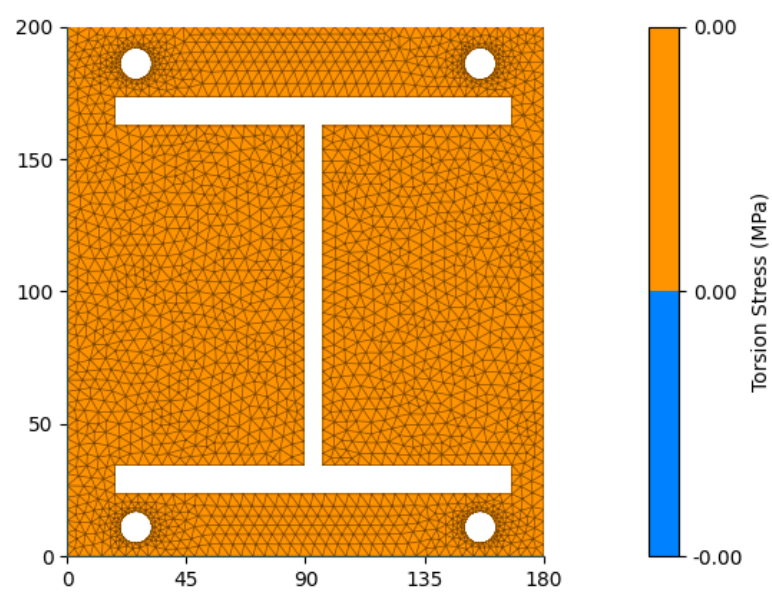
Bending Z Stress



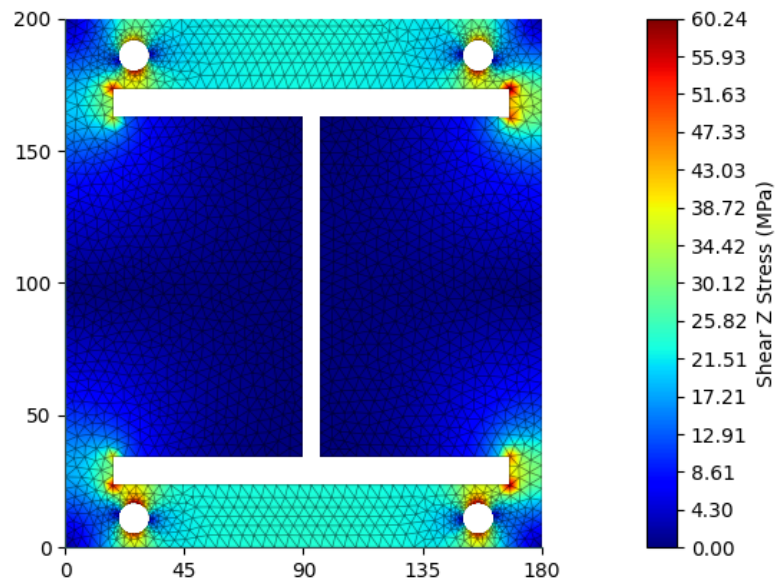
Bending Y Stress



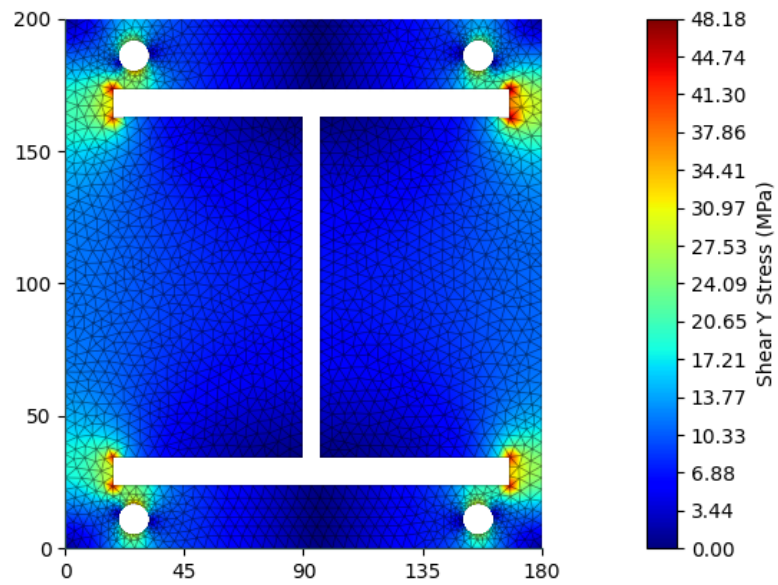
Torsion Stress



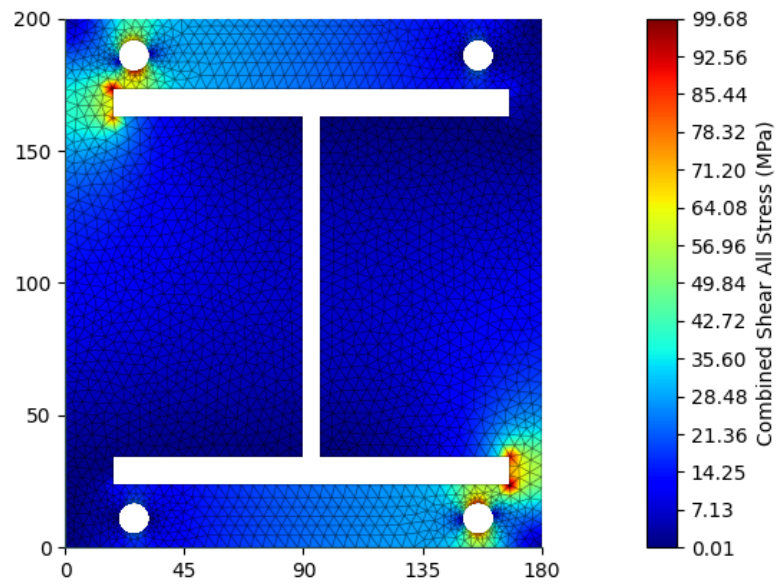
Resultant Shear Z Stress



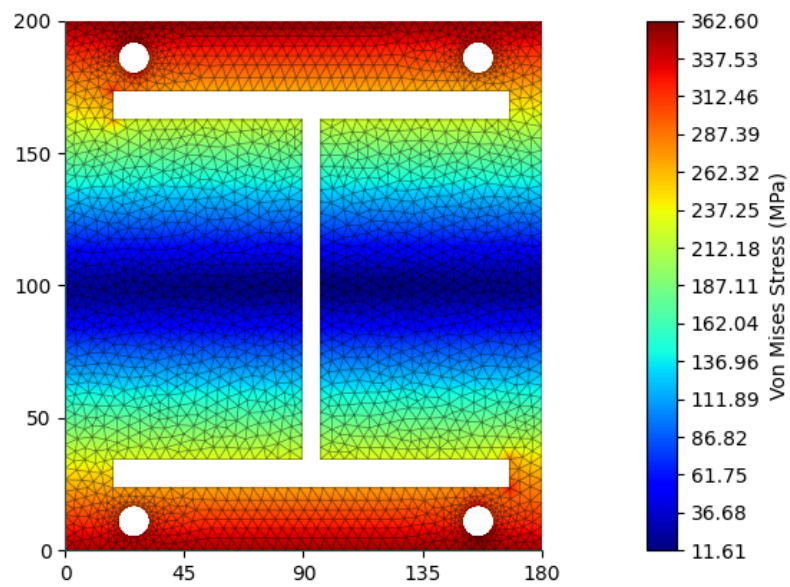
Resultant Shear Y Stress



Shear Stress



Von Mises Stress



Normal Stress

