

**The Evil AB Weld (submodel)
0.5 inch welds (fillet = .3505" throat)**

6-21-07

Use 0.5" full weld where possible, fillet (.35 equivalent used elsewhere)

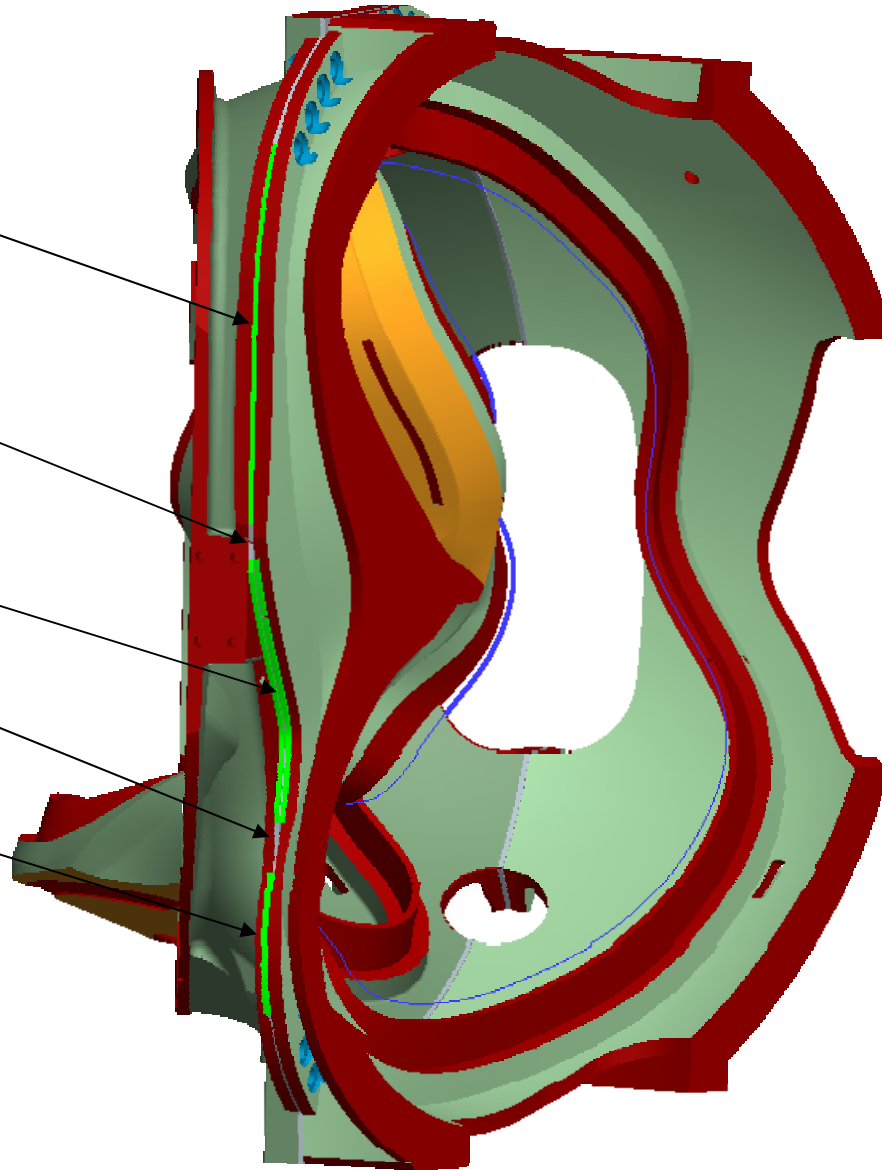
Easy full depth weld
(similar to other coils)

Transition zone

Fillet welds 1

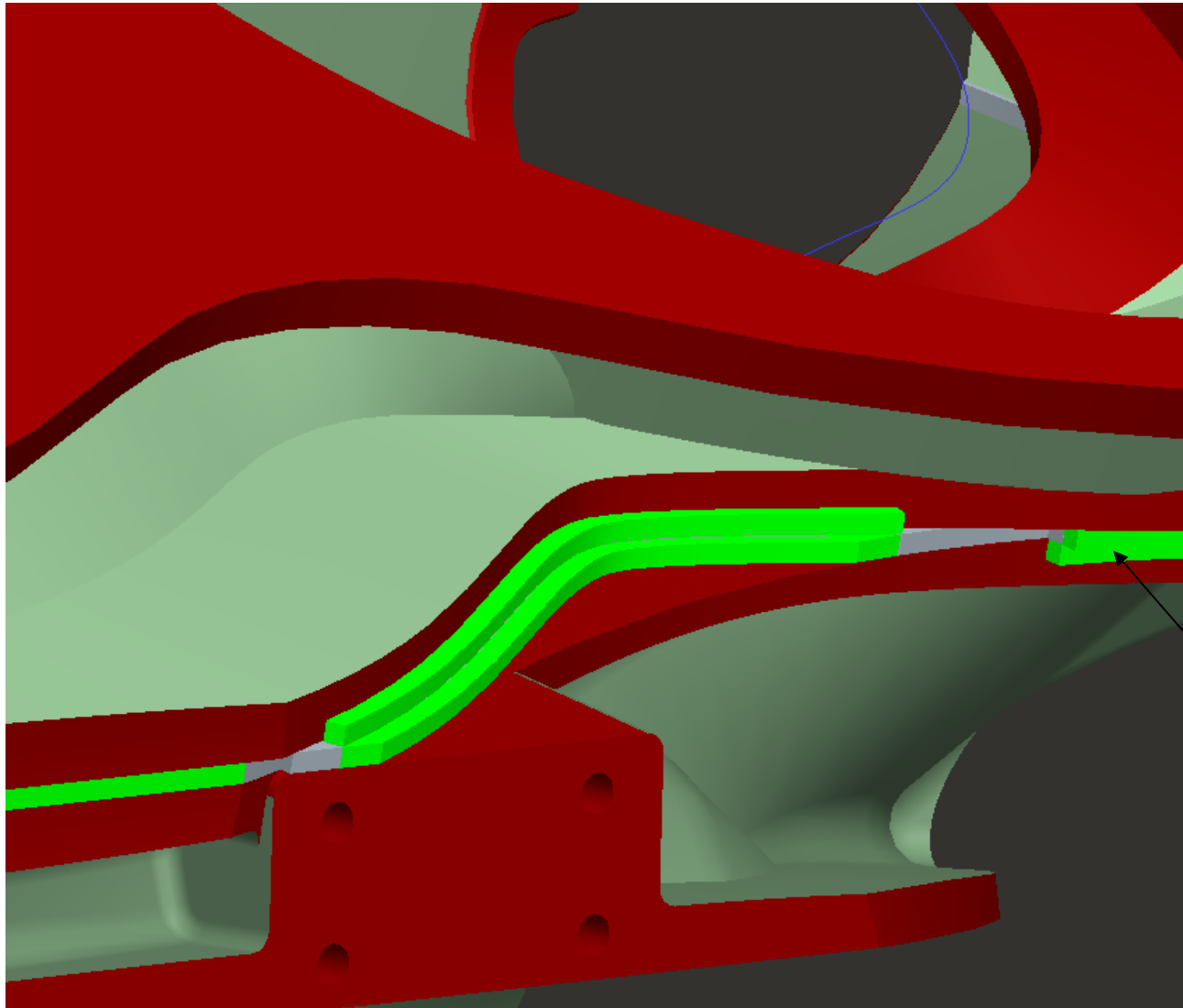
Transition zone

Fillet welds 2



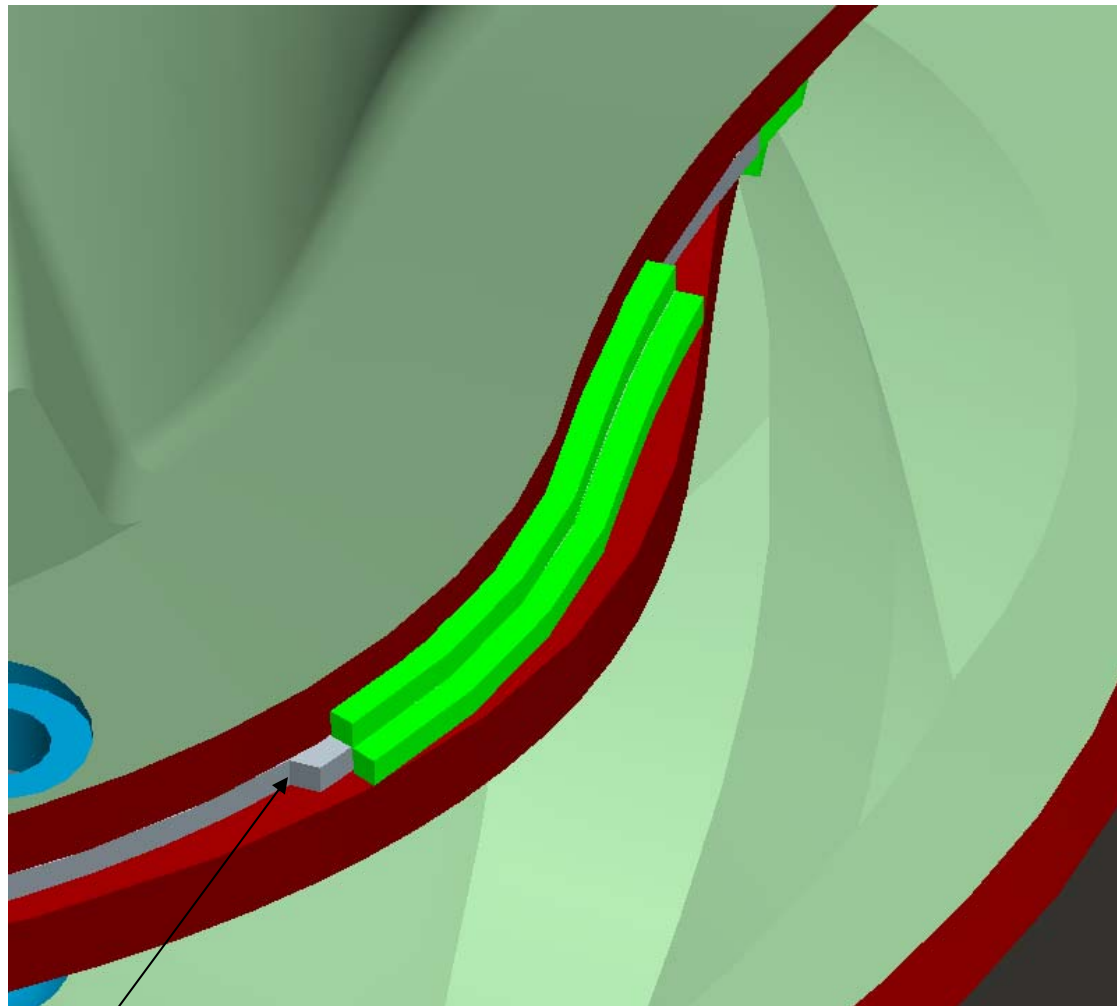
Weld is shown in neon green

Fillet welds 1 have more room to grow if needed



Next slide

Fillet welds 2 are already tough and there is little room to grow



Extended shim

Obviously, we could chamfer and produce a weld as a combo of a reseeded weld and the fillet near the edges and the transition zones but that would be VERY hard to model and transfer to FEA as I would need blending, curves, etc.