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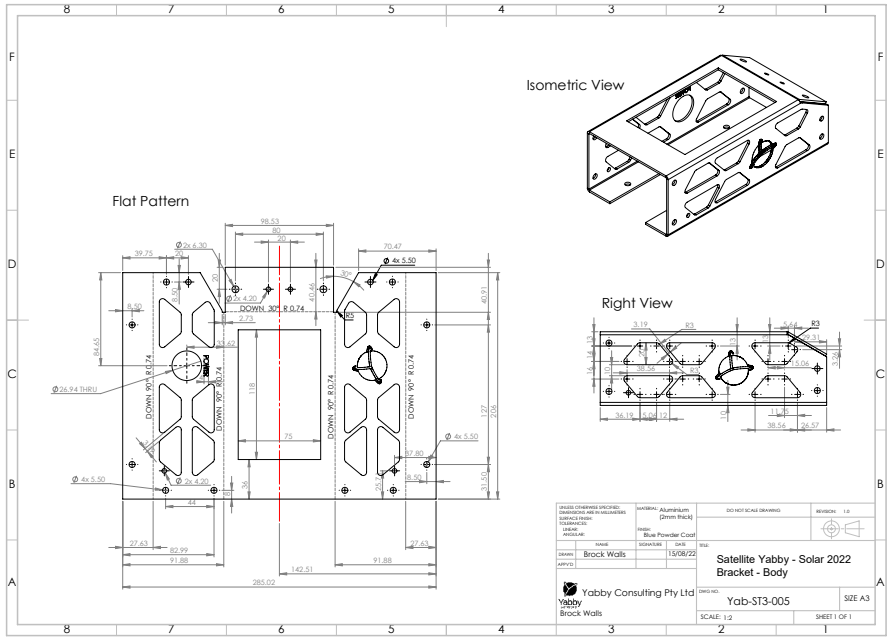
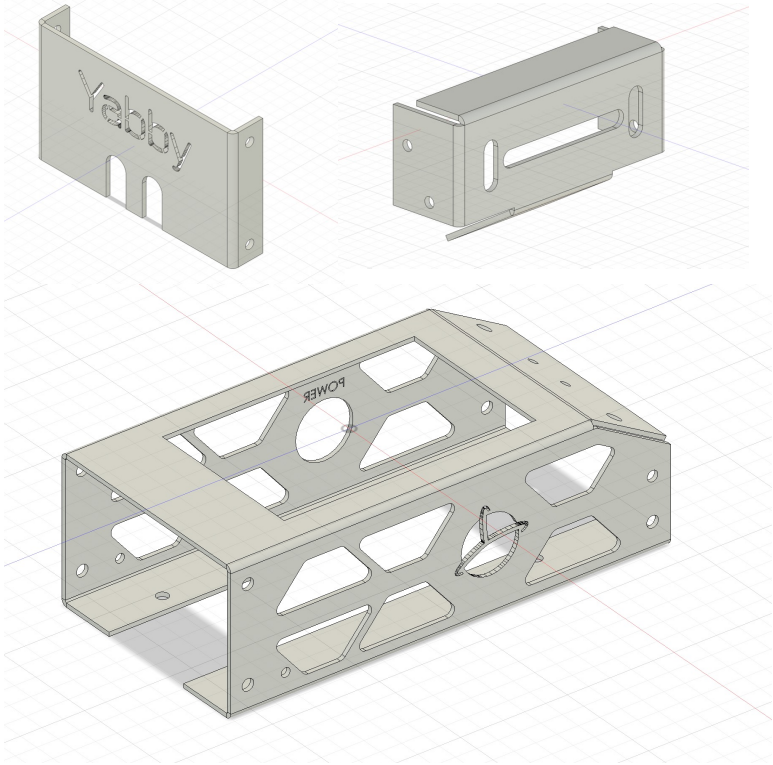
Sheet Metal Designs for Yabby Sensors – Data Logger enclosure / Bracket

Production Drawing for Body part of Product

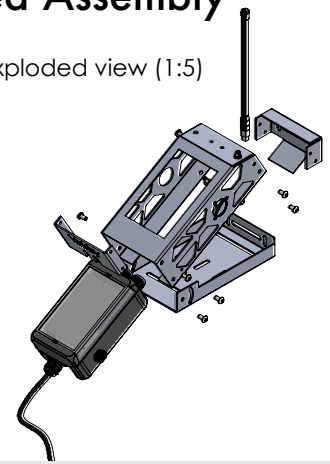


Part Files Produced With Solid Works



Exploded Assembly

Isometric exploded view (1:5)



Final Product

Product Link: https://theyabby.com.au/product/satellite-multiprobe-sensor-unit/
Article: https://theyabby.com.au/yabby-pre-launch-new-game-changing-solar-nanosatellite-iot-datalogger-available-q4-22/

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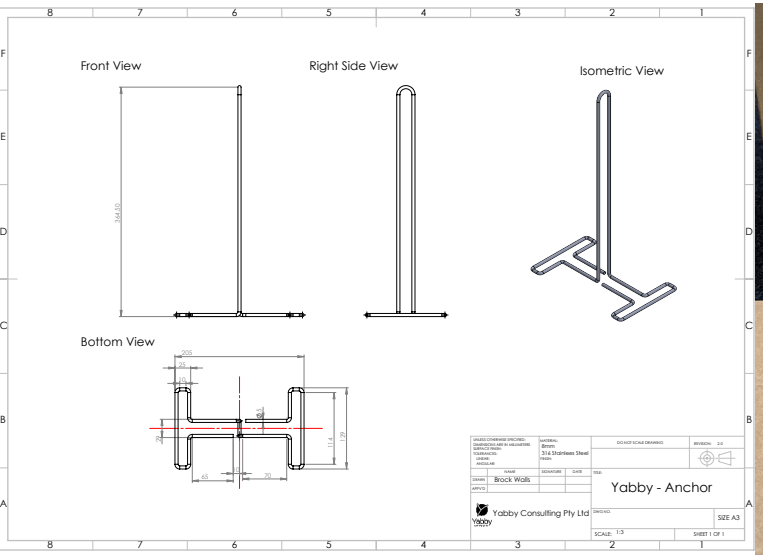
Projects for Yabby Sensors cont.

Stainless Wire Form Anchor

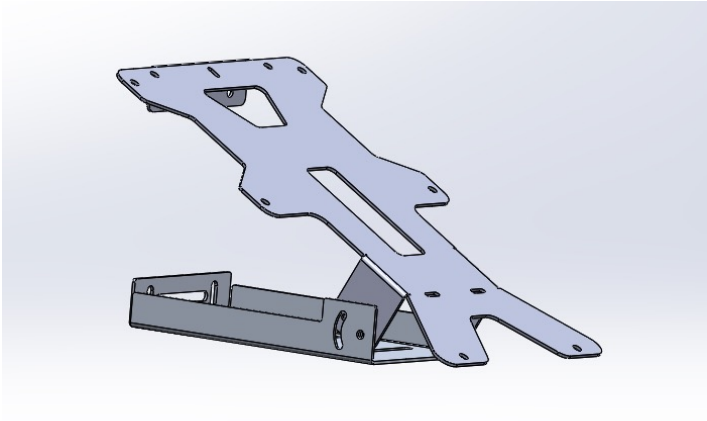


Production Drawing

Manufactured part

Part Application

Solar Panel panel mount - that can be adapted to 2 different sized panels - 2-part assembly.



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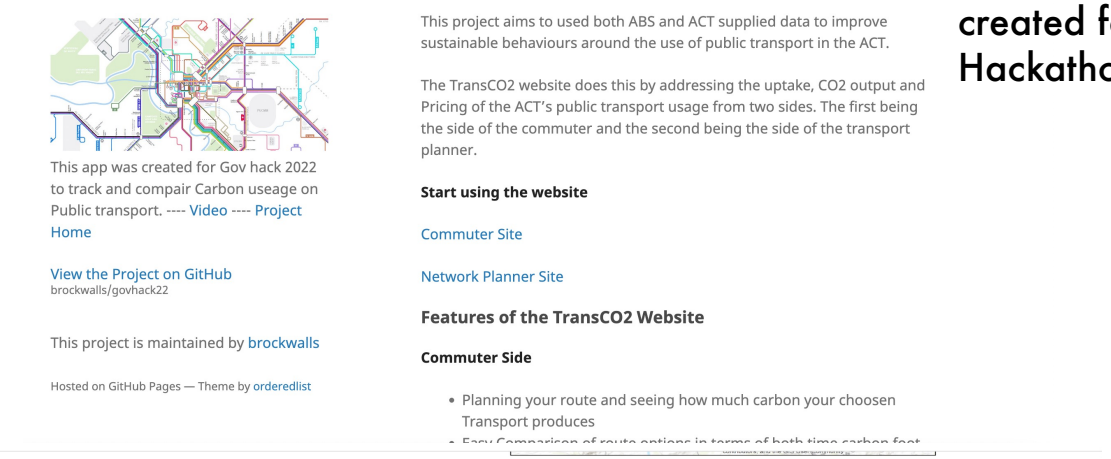
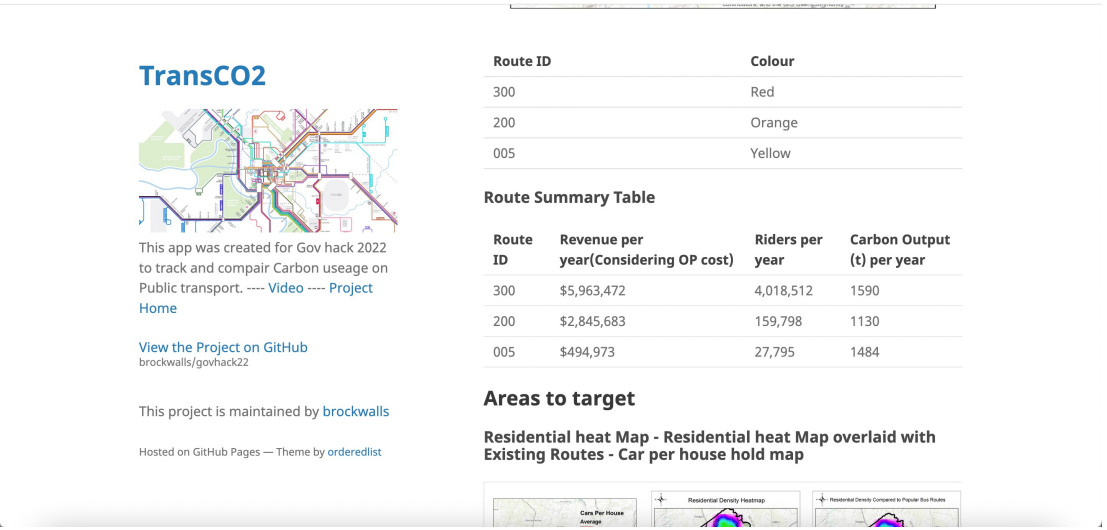
Web Design Project for GovHack Hackathon

Screenshots of a Website I created for the GovHack Hackathon Competition.





Website Link: https://brockwalls.github.io/govhack22/

FEA Analysis Mini Project
University of the Sunshine Coast

Exerts from a project I completed during my Computational Mechanics Course – Improving a snow mobile Spindle via stress analysis.

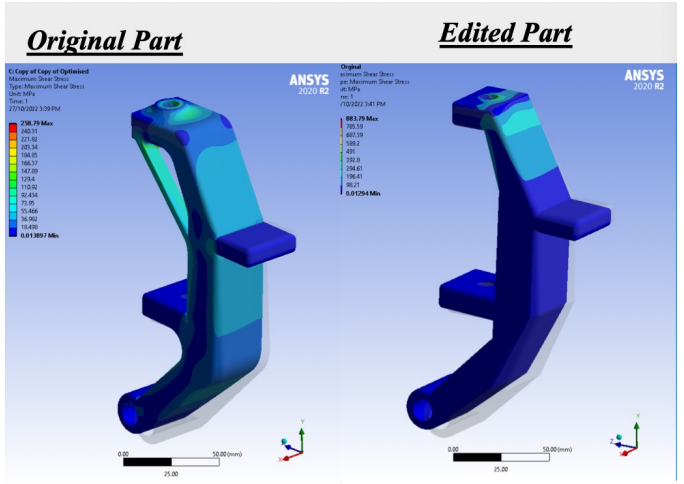


Figure 13: Shear stress in back of part – comparison

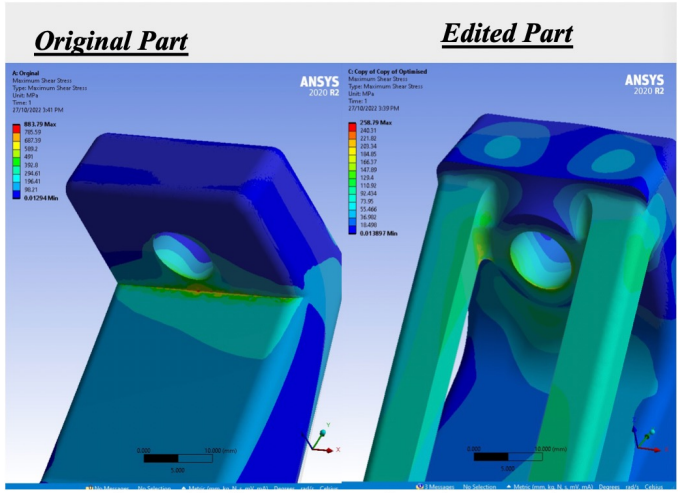


Figure 12: Stress comparison in top region

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References:

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