

3D Printed Coral Reef Habitat

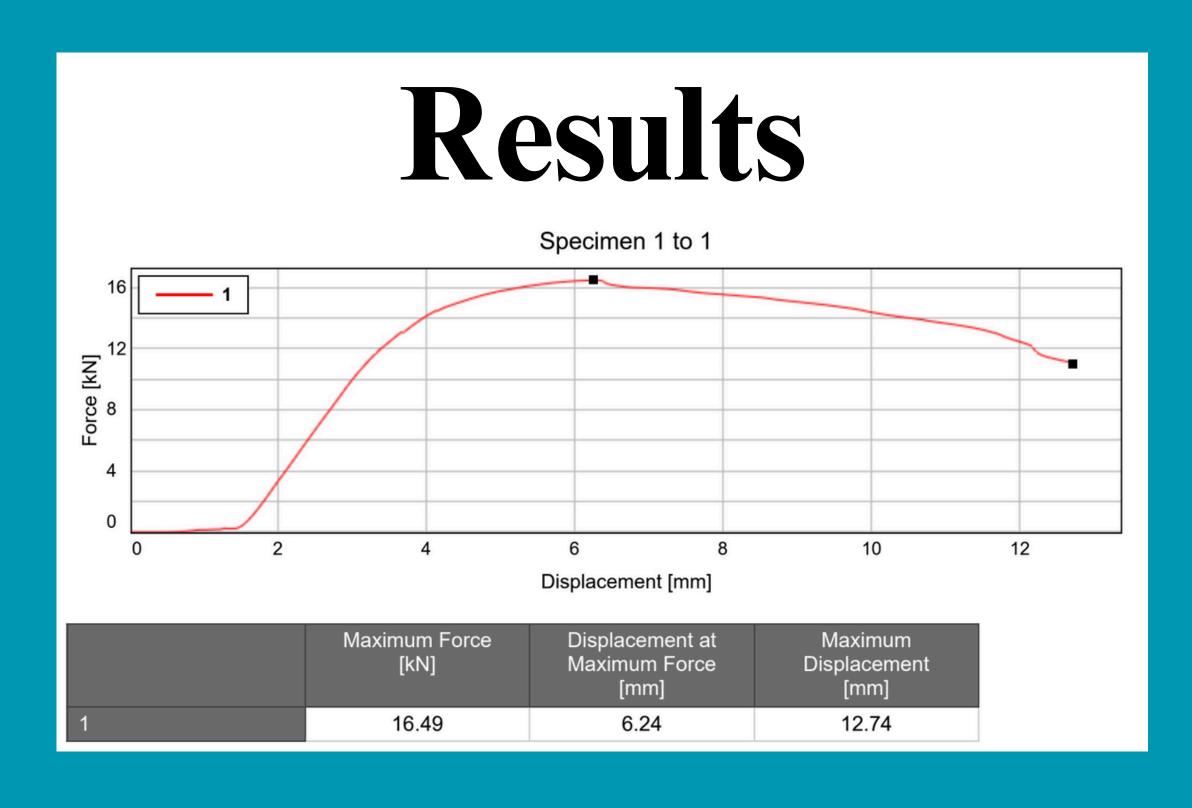


Problem Statement

Coral reefs worldwide are heavily damaged by overfishing, pollution, and climate change. This project aims to fix that by creating artificial coral reef habitats.

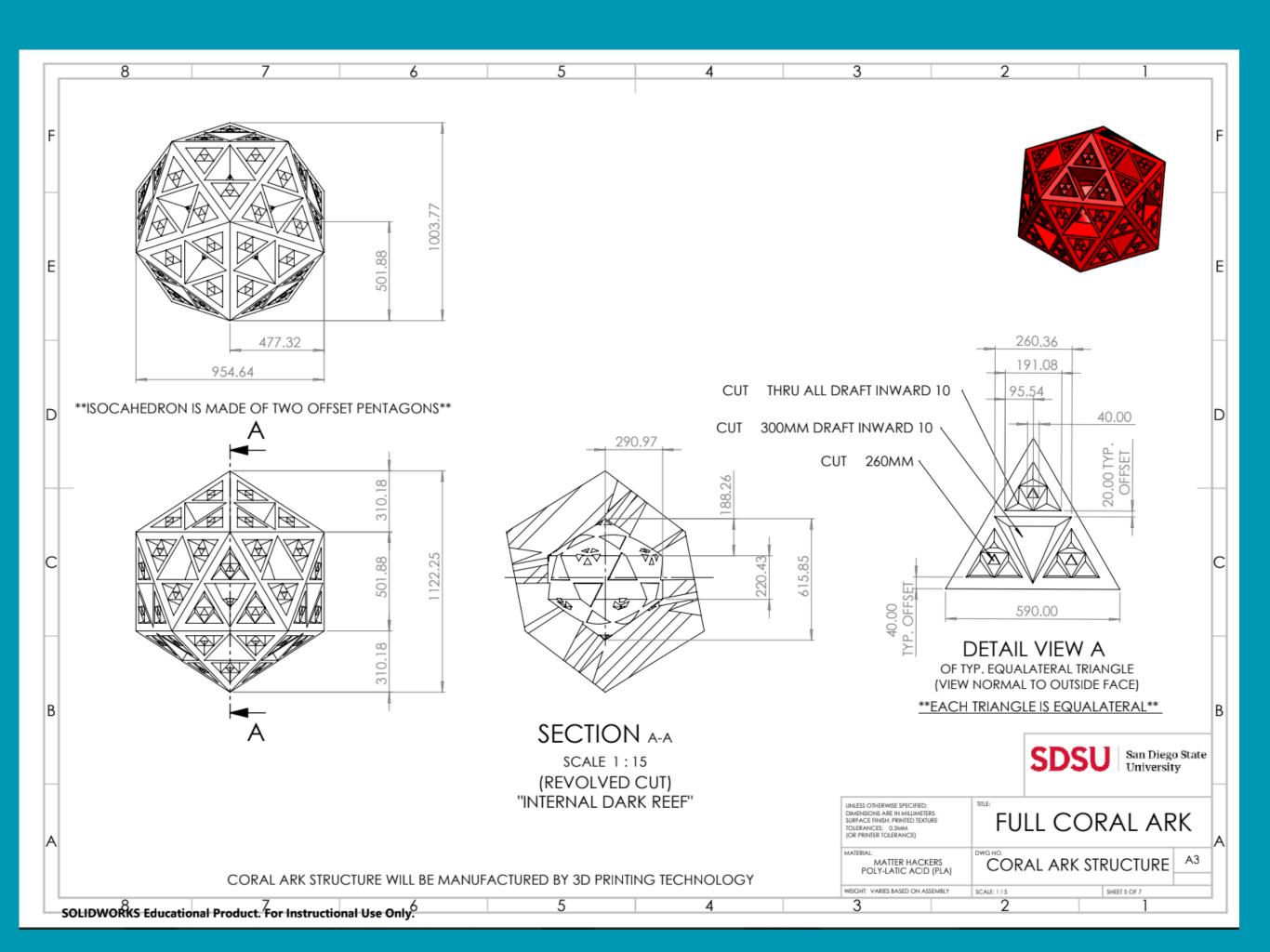
Testing

Compression tests on scale models showed the structure withstood over 3500 pounds of force before failing.









Material

- The structure was 3D printed using PLA filament
- PLA is biodegradable making it an environmentally friendly choice
- Research shows that PLA promotes coral growth
- PLA is affordable making the structure easy to replicate

The Team

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