Abstract
At Nexxus Engineering we strive to create in a way that is sustainable for the future. The Green Village integrates sustainable systems with high end luxurious designs. We have combined methods to conserve energy and water use without compromising comfort in our development of 7 townhomes which will fit in seamlessly with the surrounding Coral Gables area.

Introduction
The Green Village is being developed at 536 Coral Way in Coral Gables, Florida. The property is currently owned by the first methodist church, which is located across the street, and has served as a parking lot for over 50 years. The property will undergo both a stage 1 and stage 2 environmental assessment prior to the start of construction.

Throughout construction we aim to recycle as much debris as possible and retain vegetation onsite so that not only is our design environmentally conscious, so is our process.

Methods | Design | Analysis
- Net Zero Solar
- Greywater Reuse
- Rainwater Reuse
- Recycled Steel
- Smart Home Systems
- Natural Stormwater Management
- Sustainable Luxury
- Motorized Pergola
- Alternating Roof Terraces
- Dual-Axis Solar Mounts
- VRV HVAC
- Wrap-around Balconies

Results

Conclusion
The Green Village is an investment in the future and is the embodiment of luxury and sustainability. Our design brings forward the ideal combination for sustainable living that will allow you to leave a mark in the future of Coral Gables. While this project is unique, and exclusive, it is also appropriate and practical for the location and will fit without causing any disruptions to its residents.

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