



Building Remote Glamping Sites: KEY CHALLENGES

+200
Projects



Tom Butterfield 

ECO STRUCTURES AUSTRALIA

SALES & BUSINESS DEVELOPMENT

WANT TO KNOW MORE?

ecostructures.com.au

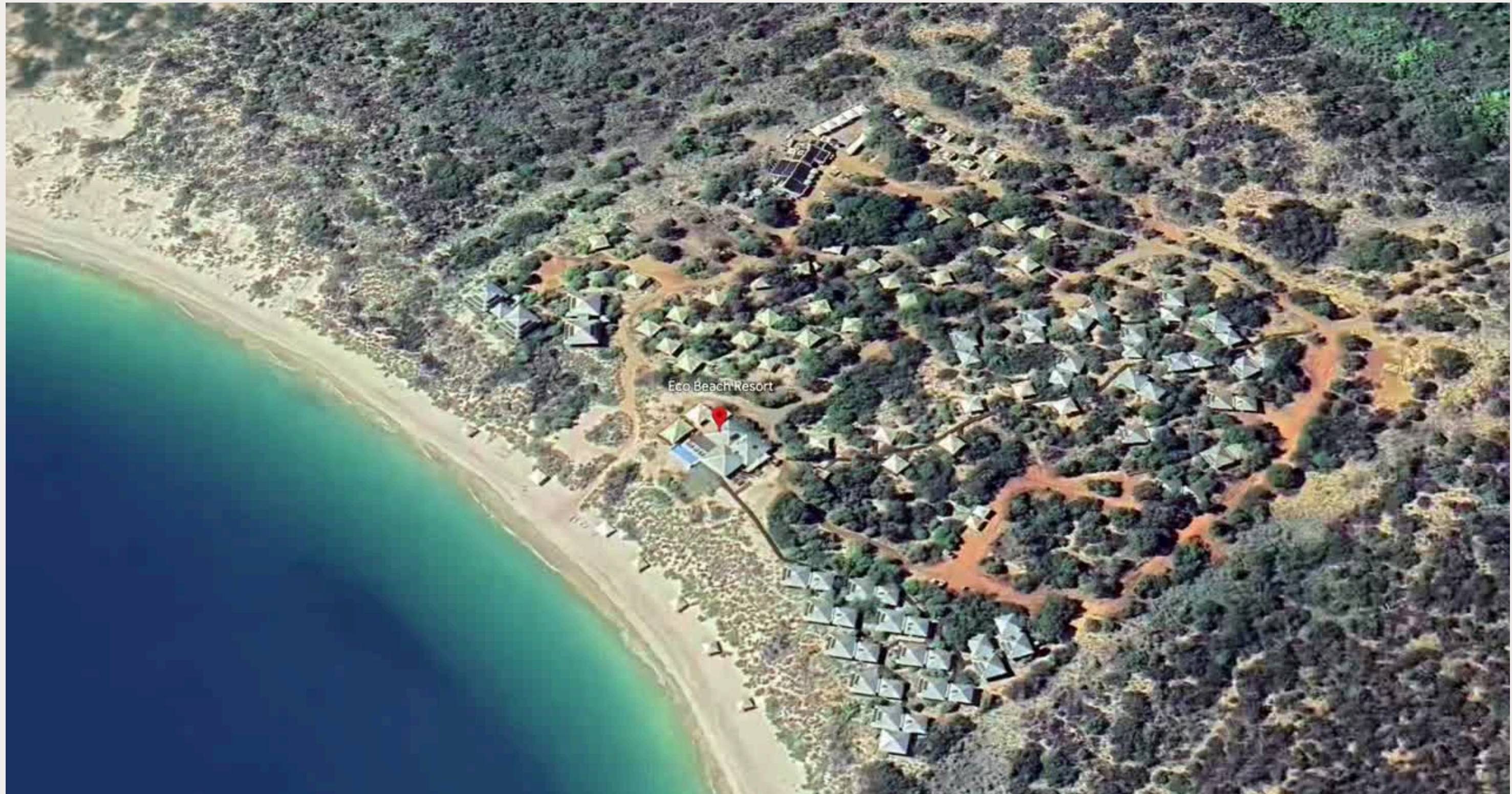


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01

Why Strong Engineering is so important





Where we began

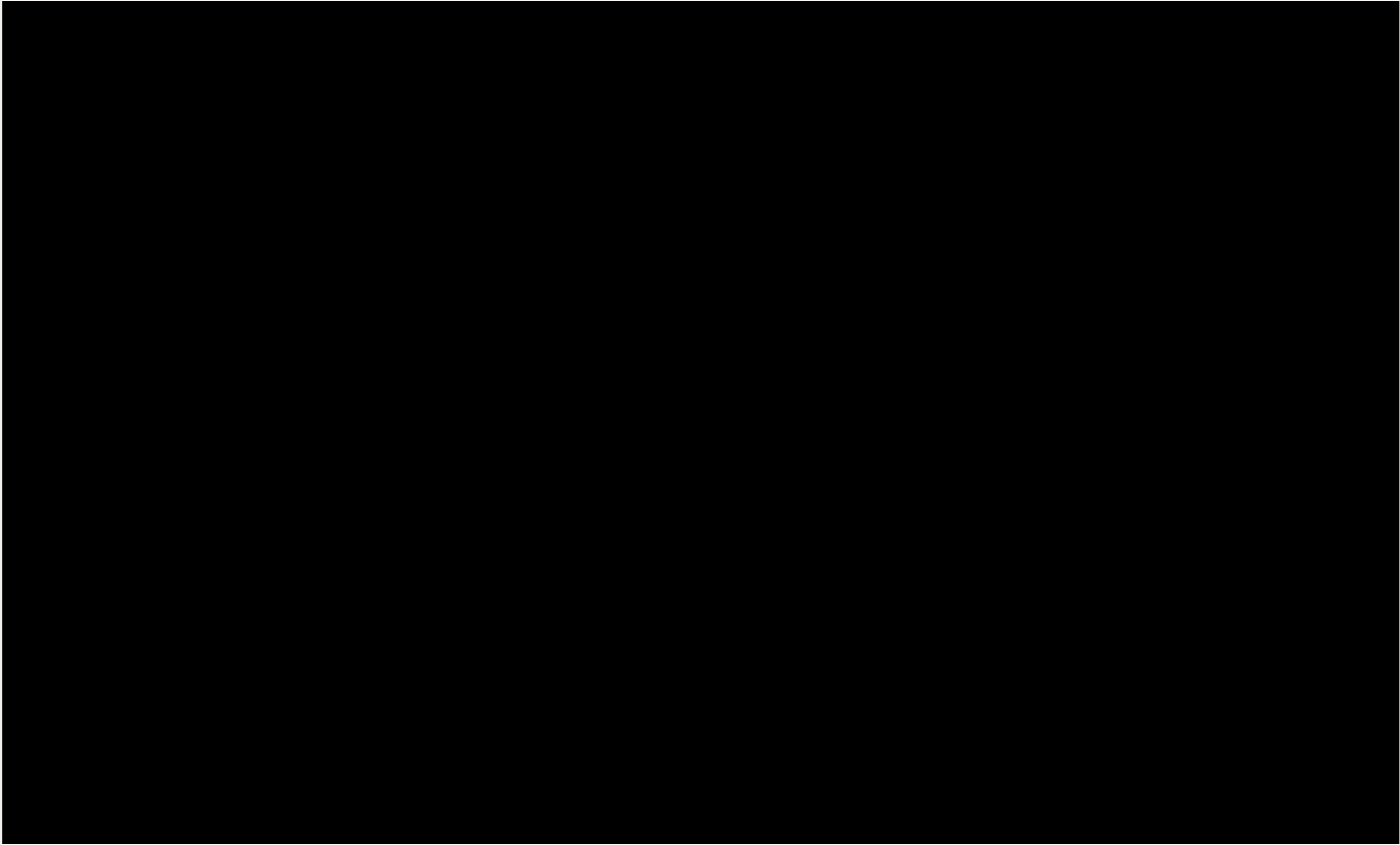
21 APRIL 2000- CYCLONE ROSITA



Why I decided to design Eco Anchors?

IN 2014, I WENT TO NAJRAN TO TRAIN AN INSTALLATION TEAM, ONLY TO FIND THE FOOTINGS **UNFINISHED 3 MONTHS IN**—STANDING IN THE DESERT, I KNEW THERE HAD TO BE A BETTER WAY.





2014- NAJLAN



02

Site & Terrain



SITE SURVEY



GEO TECH/ SOIL REPORT



SEISMIC AND LAND SLIDE ACTIVITY



FLOOD ZONES



Eco Anchors- The foundation of success

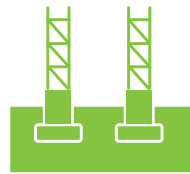


Why I advocate for a Minimal Impact, Maximum Experience

TODAY'S TRAVELERS DEMAND TRUE SUSTAINABILITY, NOT
SUPERFICIAL GIMMICKS.
RESORTS SHOULD BE DESIGNED, FROM INCEPTION TO FINAL
USE, TO MINIMISE THEIR FOOTPRINT ON NATURAL
ECOSYSTEMS AND PRESERVE THE LANDSCAPE.



03 *Undulating Gradient*



INFRASTRUCTURE



ENVIRONMENTAL IMPACT



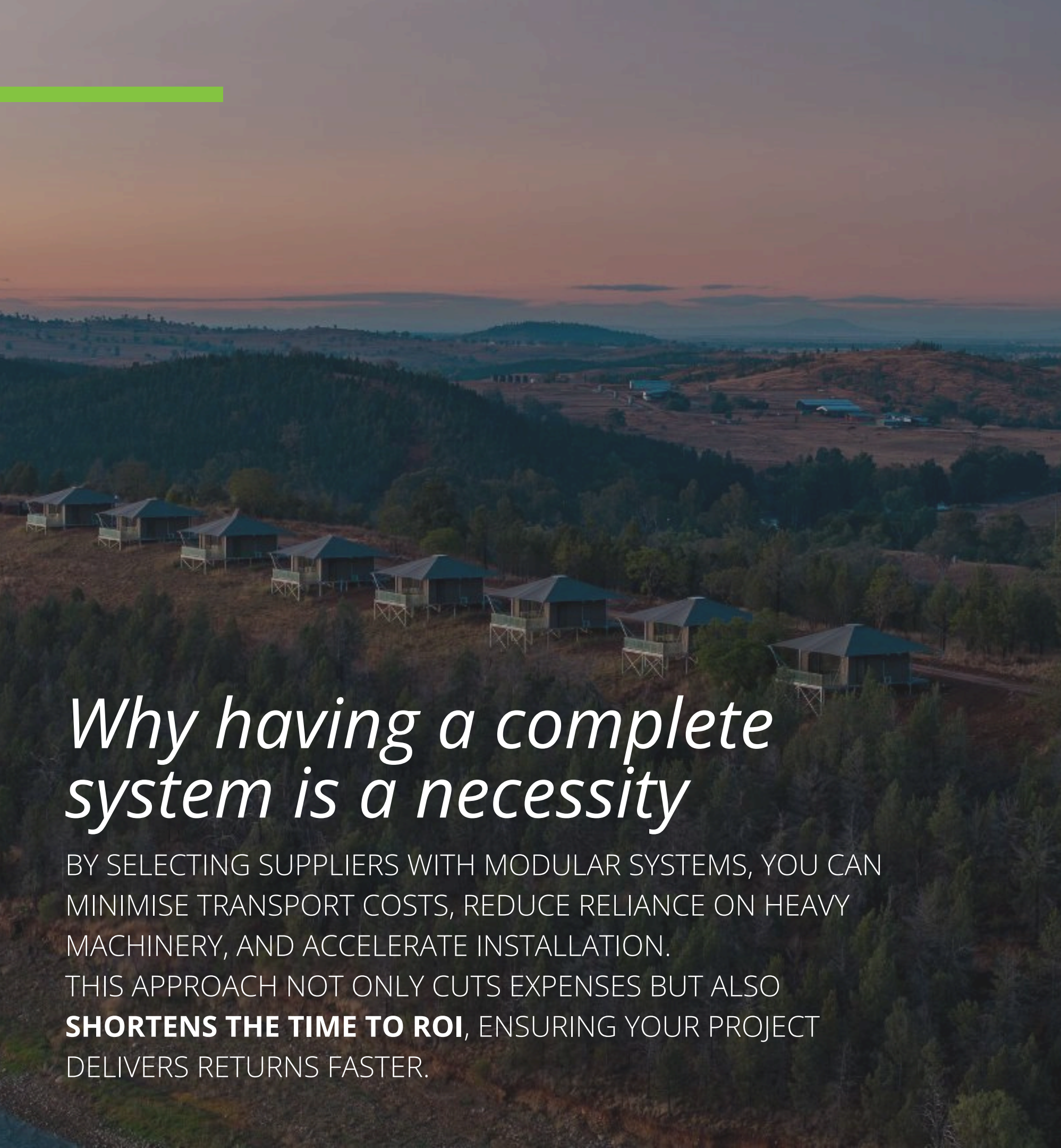
ACCESS & LOGISTICS



ERROSION



Lift & Brace Kits-Vinetree China

An aerial photograph of a safari camp at dusk. Several small, modern tents with dark roofs and light-colored walls are arranged in a line on a grassy hillside. The background shows a vast, hilly landscape under a twilight sky with soft orange and blue hues. A small green horizontal bar is visible in the top left corner.

Why having a complete system is a necessity

BY SELECTING SUPPLIERS WITH MODULAR SYSTEMS, YOU CAN MINIMISE TRANSPORT COSTS, REDUCE RELIANCE ON HEAVY MACHINERY, AND ACCELERATE INSTALLATION.

THIS APPROACH NOT ONLY CUTS EXPENSES BUT ALSO **SHORTENS THE TIME TO ROI**, ENSURING YOUR PROJECT DELIVERS RETURNS FASTER.



04

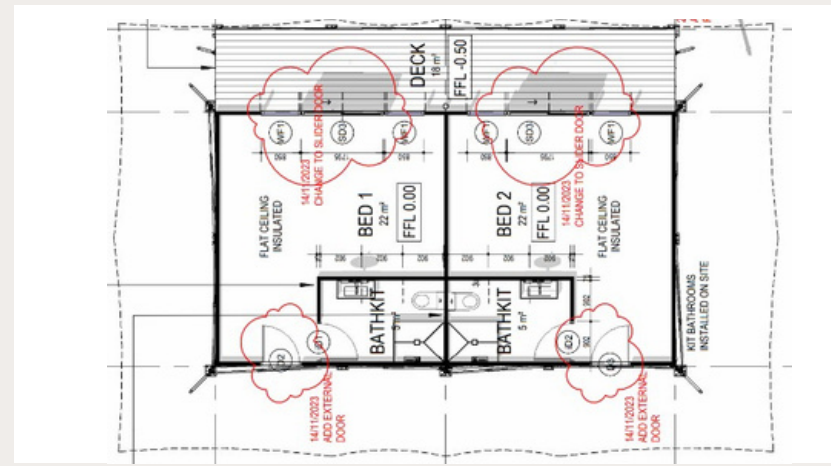
Speed to Market

Laos- Why a system is important

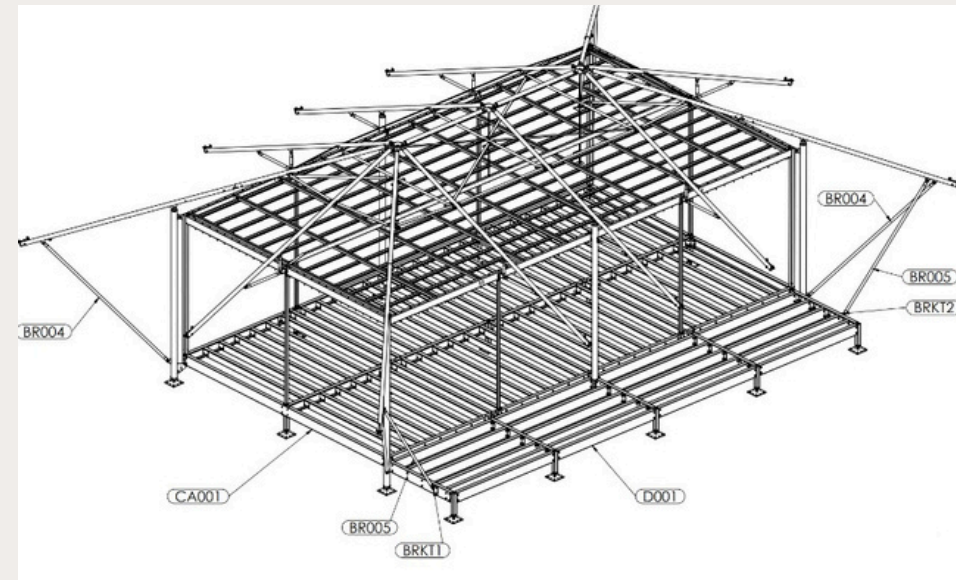
7 Days

90 Days

ARCHITECTURAL DRAWINGS



ENGINEERING &
MANUFACTURING DRAWINGS



MANUFACTURING



04 *Speed to Market*

Laos- Why a system is important

INSTALLATION

45 Days

FINISHED PRODUCT

2 ECO STRUCTURES TRAINERS + LOCAL TRADES





*Insulate Once,
Benefit for Decades*



05 *Choosing the best product for your intended performance*

Traditional Tent
SINGLE SKIN CANVAS



VS

Solid Wall Insulated Tent
BUILT LIKE A HOUSE,
LOOKS LIKE A TENT



VS

Solid Cabin
MODULAR



**20-25%
More**

*...In Upfront
Supply Cost*

Based on Eco Structures



**20-40%
Less**

*...In Upfront
Civil Costs*

*Based on 20 units across 100m
per unit of trenching*



**Saving 60%
Annually**

On Operating Costs

*Based on going from a 18,100
BTU/h to a 7,500 BTU/h*



Summary *Advice to operators*



KNOW YOUR SITE

Always invest in upfront geo technical testing, site surveys, and drainage studies - they save time, money, and risk later.



OPTIMISE LOGISTICS

Remote projects succeed or fail on logistics. Choose suppliers with modular systems that minimise transport, reduce heavy machinery needs, and speed up installation.



BUILD FOR SUSTAINABILITY

Today's travelers expect sustainability, making it essential to build resorts that protect ecosystems and support local communities.



PLAN FOR ADAPTABILITY

Markets change. With modular systems that can be retrofitted with hard roofs and upgraded walls, glamping units can evolve into eco-villas or permanent accommodation.



THINK LIFECYCLE, NOT JUST UPFRONT COST

Cheap tents may last only 5–7 years; heavy cabins can exceed 20 but often at high environmental cost.

Find a supplier that strikes the balance: Engineered for longevity with a lighter footprint.



Where are we now?







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LUXURY EXPERIENTIAL ACCOMMODATION

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