Step Back to Move Forward
The Archaeological Dig Field Office

Concept
The Nautilus Shell

The Spiral of the Nautilus is like the spiral of evolution, in the way that it has a starting point and an almost never ending outward spiral. A constant growth on the past, and progress for the future. We learn on the same type of spiral. History is already written and our present is a product of what was. Archaeology is a study of the past, or a search to find the origin of the evolutionary spiral.

A shell also relates to the architecture of a mobile office because shells are a mobile home for their inhabitants. To create this mobile architecture the animal uses a tiny organ to produce its protective shell. The inhabitants, in this case, are humans. They will not use a tiny organ to create the structure, but they will use a battery powered winch.

Outside workspace
Spiral represents progress and learning
Common room used for eating and sleeping
Work area used for cataloguing and storage of bones

Exploded

Parti Diagram

Entry
Living Space
Collapsible Dinner Table
Collapsible Bunk Beds
Seating

Floor Plan
Exterior Workspace
Convertible Shade/Windbreak
Lighting Above
Work Table
Laptop
Interior Workspace
Step Ladder

Roof Assembly
Shade/Windbreak
Wall Assembly

Joints
The Pinch Joint is created by two pieces of square tubing, a 3/4” bolt, and locking washer for quick and easy connections. This joint is used mainly in floor assembly.

The Flashing Joint is created by two pieces of 1/32” Flashing being screwed together on both sides of a joint. This is used to join walls and roofs.

Floor Structure
The floor is modified into a cart that will be pushed to the site. Once at the site, the axes of the cart will be removed and the winch will help unfold the floor.

Exterior Elevations