

FREELANDER



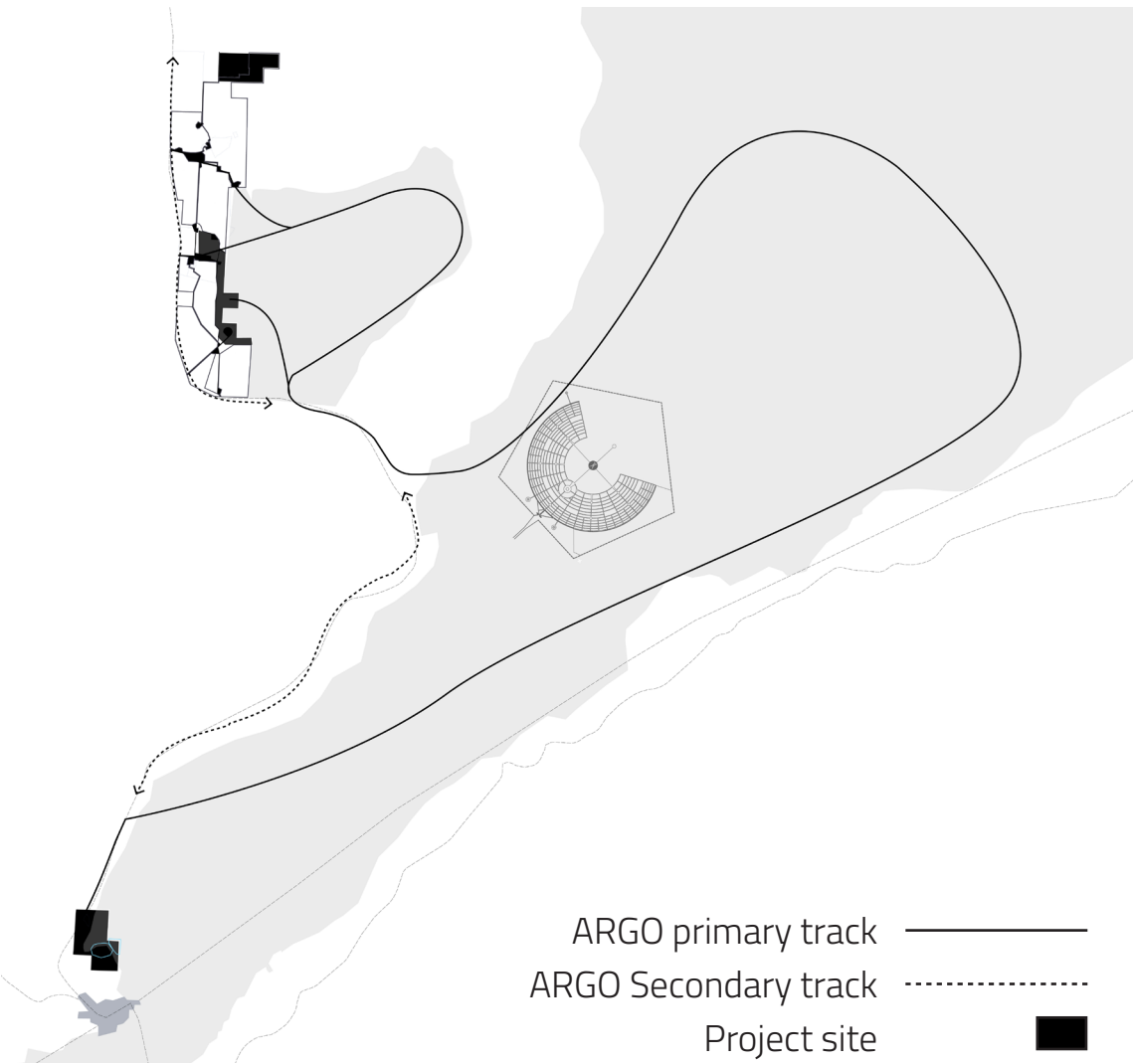
ARGO - FREELANDER Movable device
A new mobility system for the project site

Inspired by the history of the nomadic tribes that once lived this area, we decided to design a vehicle capable of moving freely through all parts of the project area.

ARGO is a sail cycled movable device able to travel the most tortuous paths of the desert according to a mixed system managed by four wheels of large diameter that can be powered by the thrust of bicycles and sails.

Following a study of the main air currents that cross the area, we have created an itinerant route that allows to have the wind in favor most of the time. The technology studied for this vehicle allows it to be easy to use even for beginners. The crew planned for Argo is composed of a helmsman, four cyclists, two people in charge of the sails and a lookout at the bow, likewise, it can also carry up to four other people for a total of twelve crew members.

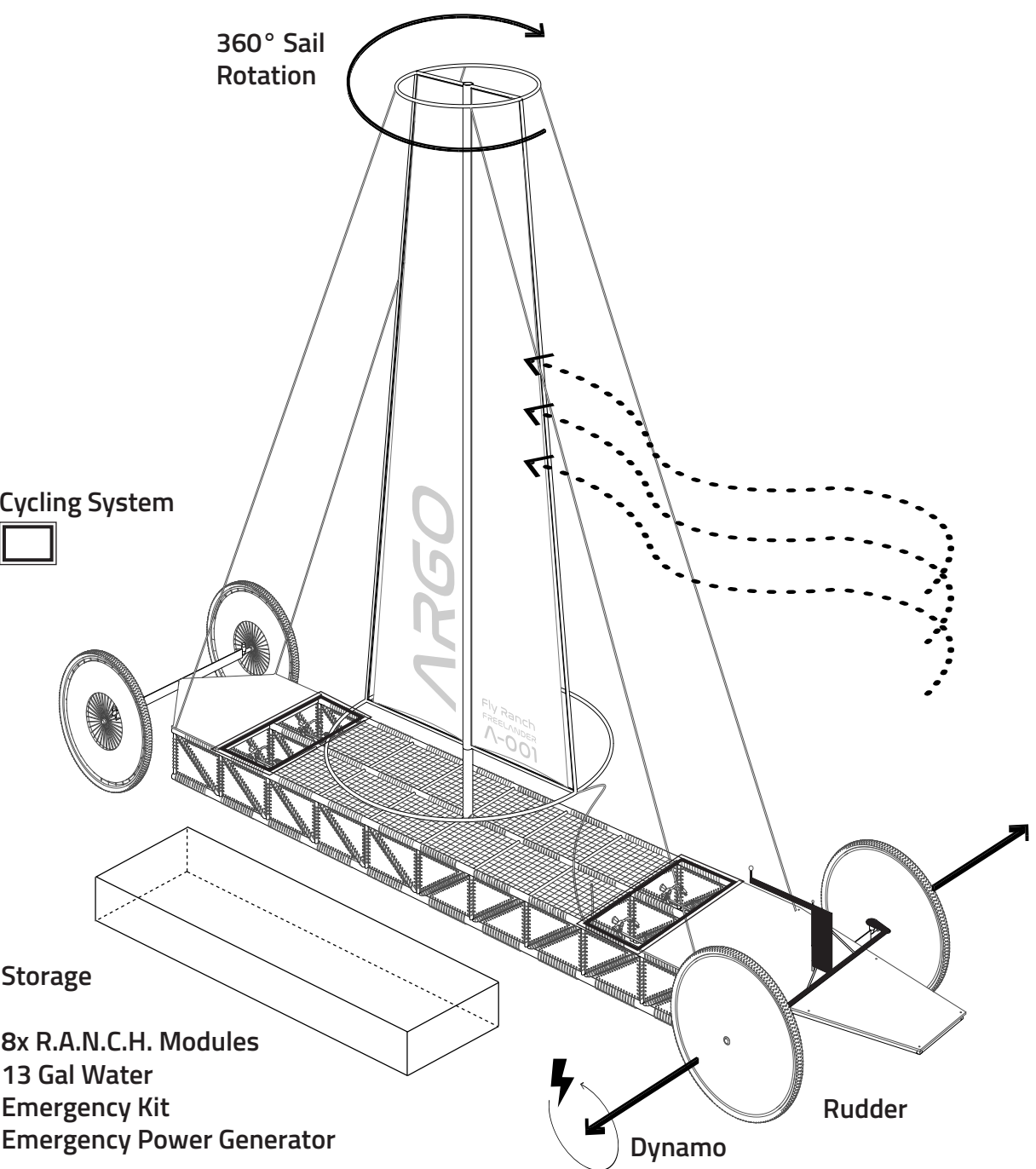
ARGO Tracks



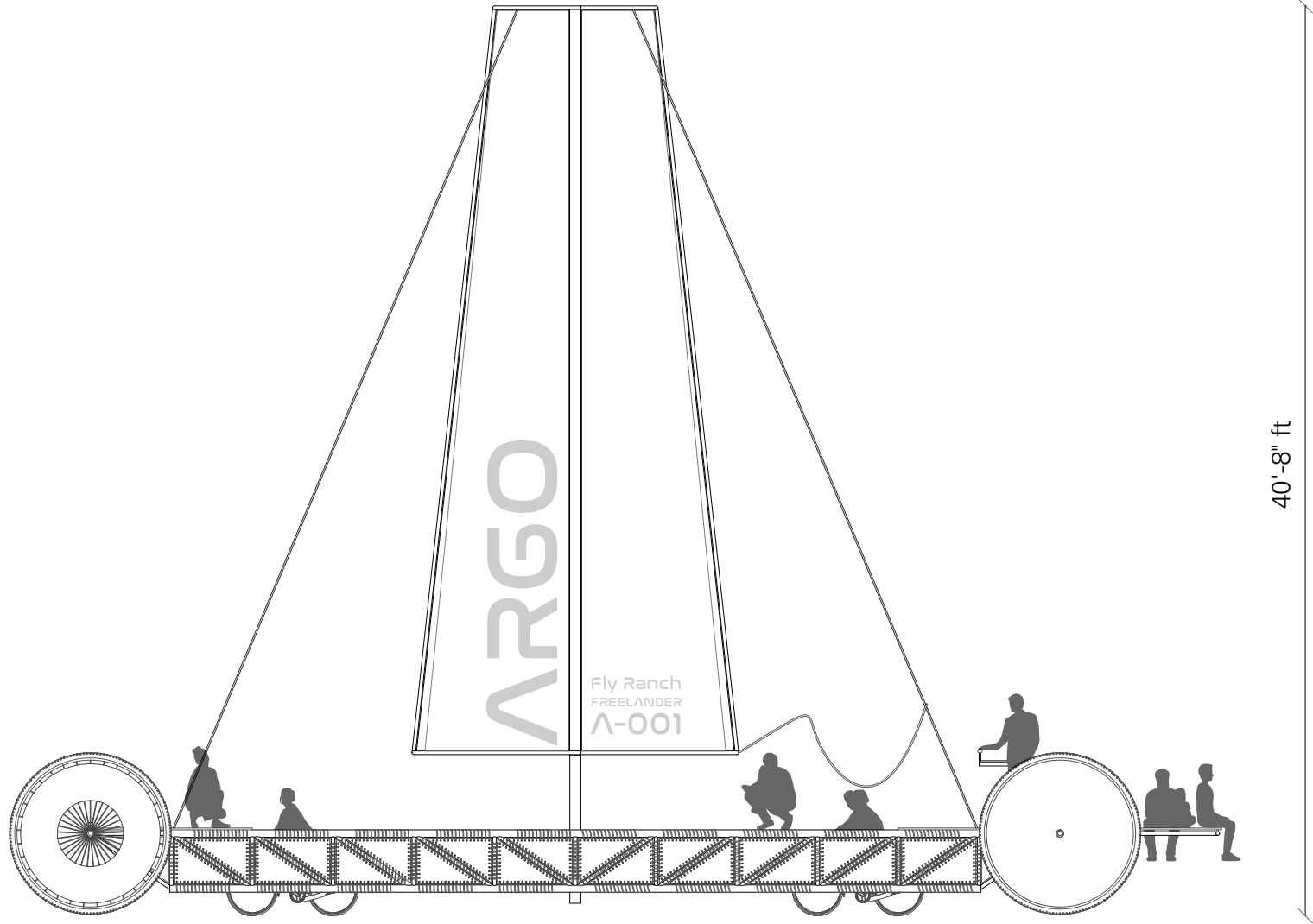
Boat technology system and storage

The entire structure has been designed with prefabricated aluminium lattice girders, to which the outer wheels, rudder, mast and bicycles are welded.

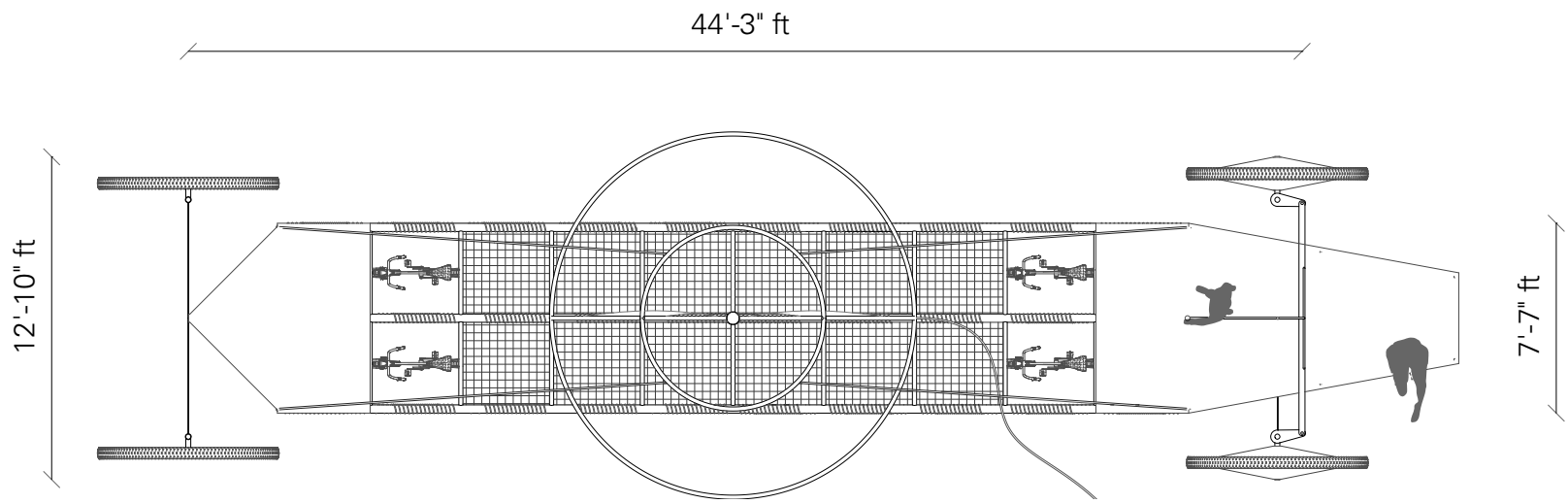
The upper part of the vehicle is covered with recycled plastic panels at stern, bow and along the sides while it has a net in the central part. Inside the hull it is possible to store provisions, water, in addition to the presence of a battery charged by a dynamo connected to the large rear wheels and eight R.A.N.C.H. kits that allow visitors to camp inside the area.



Elevation



Plan



Components

