

1) COMFORTABLE CITY > WC, DRINK & REST FOR FREE



WC



DRINK



REST

< FREE

2) CHANGE FROM LINEAR TO CLOSED LOOP



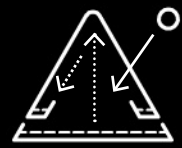
WC



DRINK



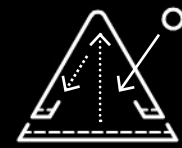
REST



1 ST FILTER
SOLAR STILL



< FILTERING
WATER >



2 ND FILTER
SOLAR STILL

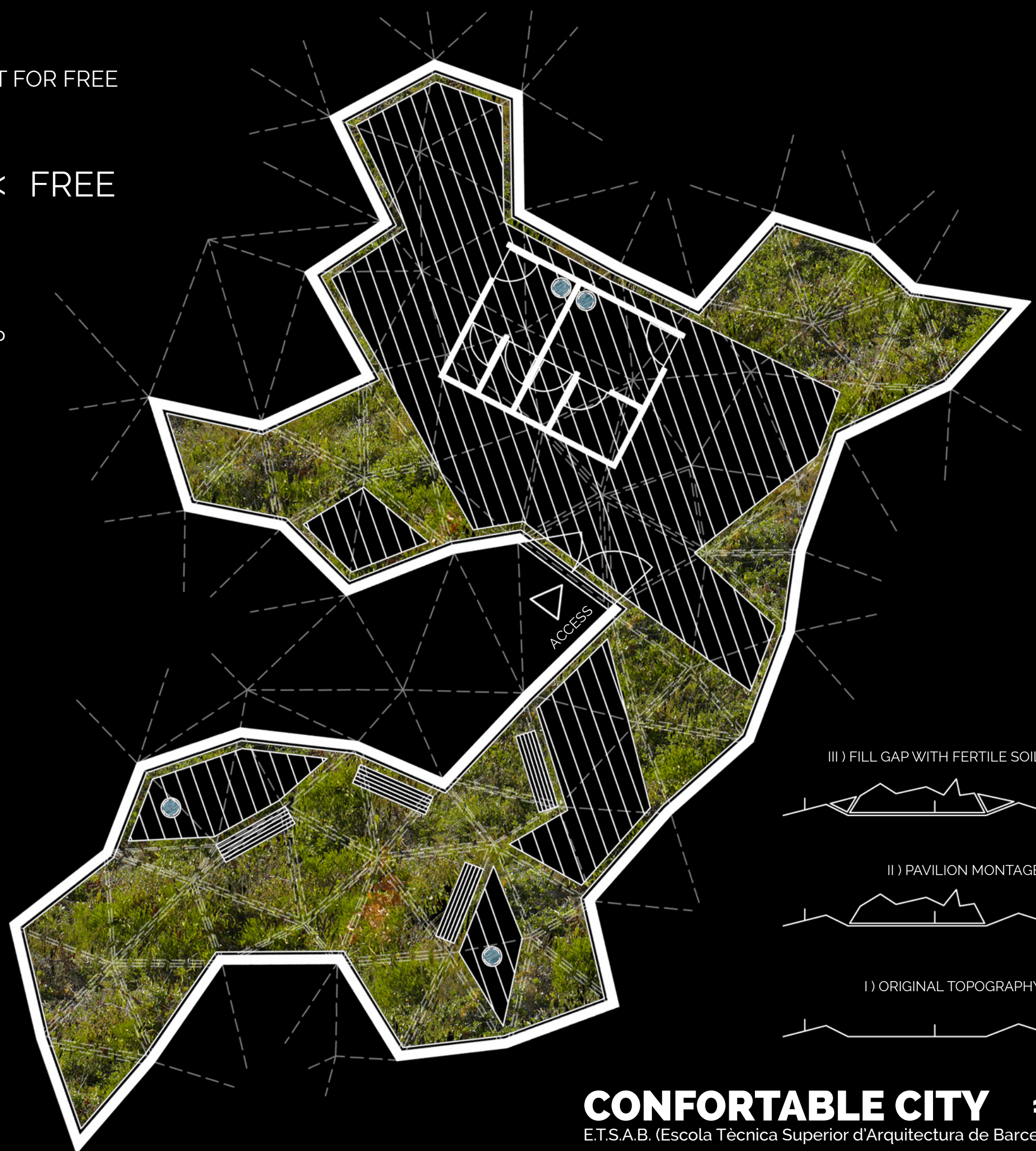


GROWING VEGETATION



THIS IS A PAVILION FOR EXPOSITIONS WHERE IS POSSIBLE TO REST, DRINK AND GO TO TOILET. IT IS SELF-SUFFICIENT BECAUSE REUSES THE WASTE WATER THAT GENERATES IN A SIMILAR WAY THAN THE NATURAL CICLE OF WATER. A CLOSED LOOP SYSTEM THAT COULD REGENERATE THE IMMEDIATE SOIL THANKS TO ITS EXCESS OF CLEAN WATER PRODUCTION.

0 m 3 m 10 m



III) FILL GAP WITH FERTILE SOIL

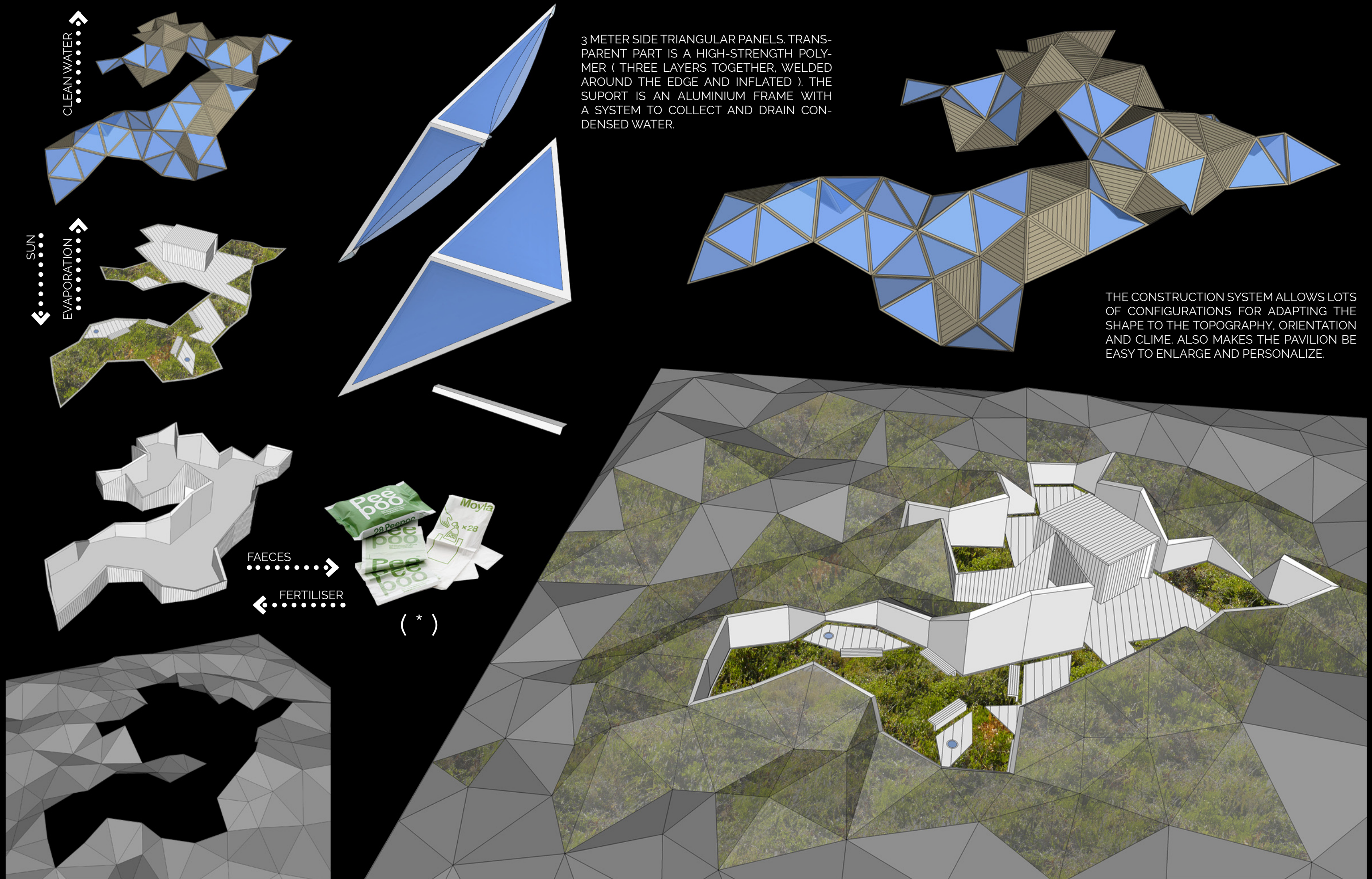


II) PAVILION MONTAGE



I) ORIGINAL TOPOGRAPHY

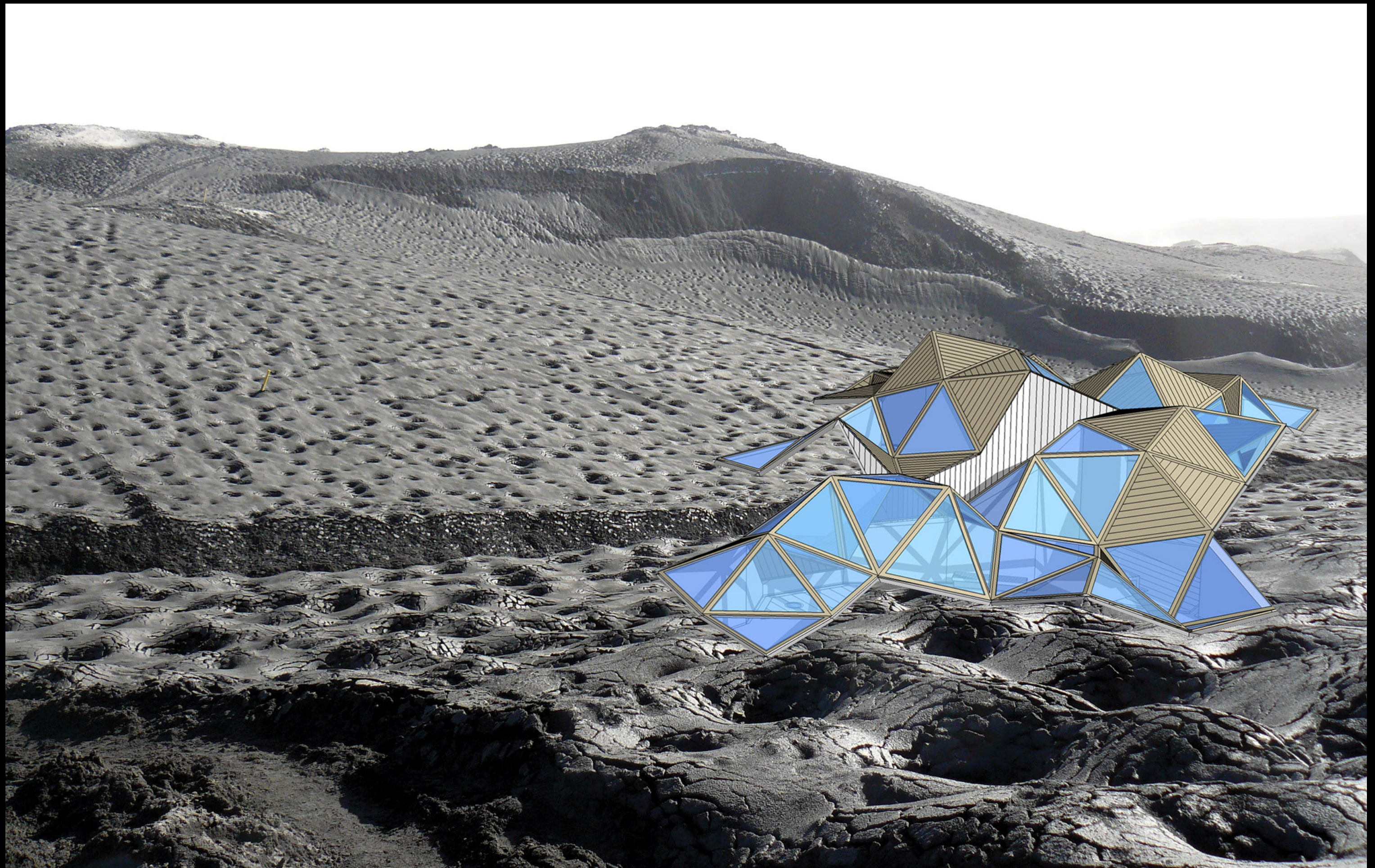




3 METER SIDE TRIANGULAR PANELS. TRANSPARENT PART IS A HIGH-STRENGTH POLYMER (THREE LAYERS TOGETHER, WELDED AROUND THE EDGE AND INFLATED). THE SUPORT IS AN ALUMINIUM FRAME WITH A SYSTEM TO COLLECT AND DRAIN CONDENSED WATER.

THE CONSTRUCTION SYSTEM ALLOWS LOTS OF CONFIGURATIONS FOR ADAPTING THE SHAPE TO THE TOPOGRAPHY, ORIENTATION AND CLIME. ALSO MAKES THE PAVILION BE EASY TO ENLARGE AND PERSONALIZE.

(*) PEEPOO IS A PERSONAL, SINGLE-USE, SELF-SANITISING, FULLY BIODEGRADABLE TOILET THAT PREVENTS FAECES FROM CONTAMINATING THE IMMEDIATE AREA AS WELL AS THE SURROUNDING ECOSYSTEM. AFTER USE, PEEPOO TURNS INTO VALUABLE FERTILISER THAT CAN IMPROVE LIVELIHOODS AND INCREASE FOOD SECURITY.



THIS IMAGE WAS TAKEN IN ICELAND AFTER THE ERUPTION UNDER EYJAFJALLAJÖKULL (2010). PROBABLY AFTER A FEW MONTHS SOME VEGETATION WILL GROW. THANKS TO THE PAVILION, IMAGINED AS A BUILDING THAT HELPS RESTORATION OF ITS ENVIRONMENT AT THE TIME THAT ACCOMPLISH ITS FUNCTION...