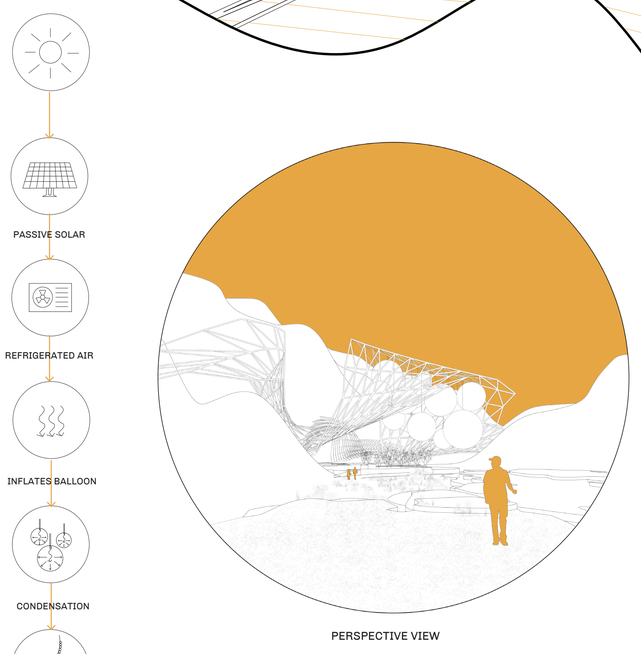
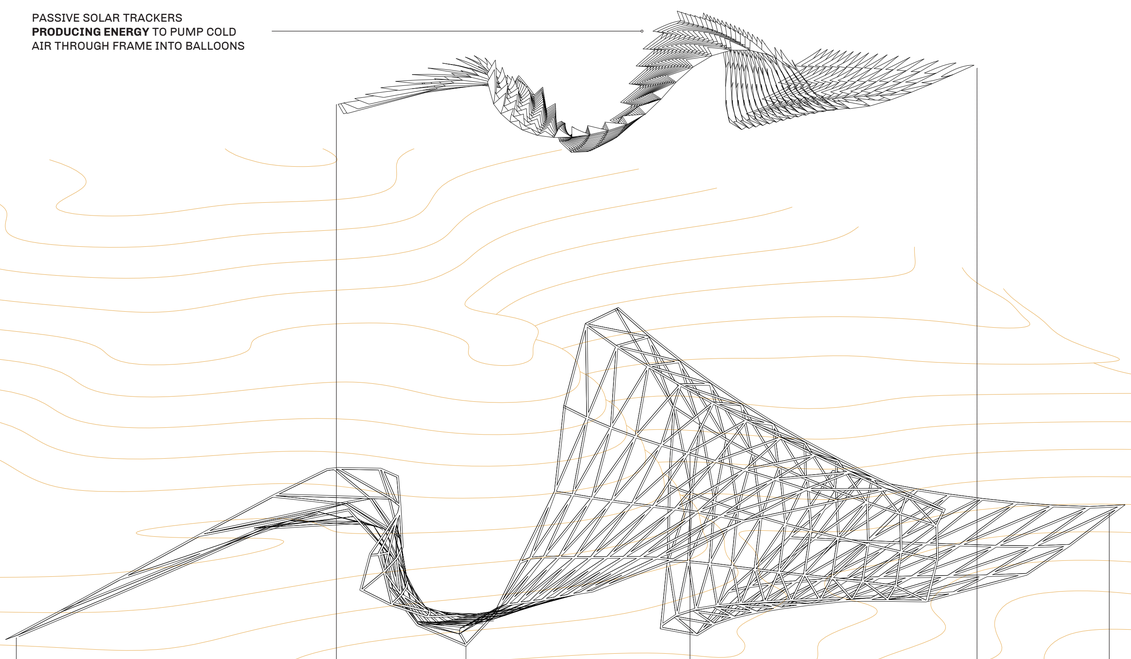


PERSPECTIVE VIEW

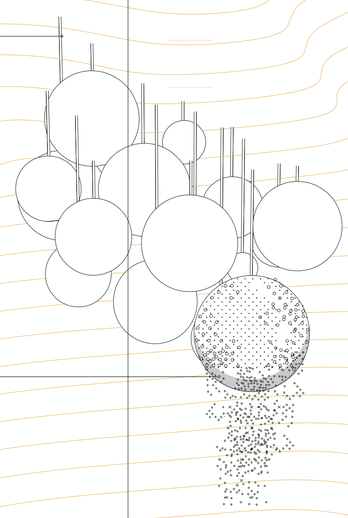
SECTION A (ABOVE) 1:350
SECTION B (BELOW) 1:350

PASSIVE SOLAR TRACKERS **PRODUCING ENERGY** TO PUMP COLD AIR THROUGH FRAME INTO BALLOONS

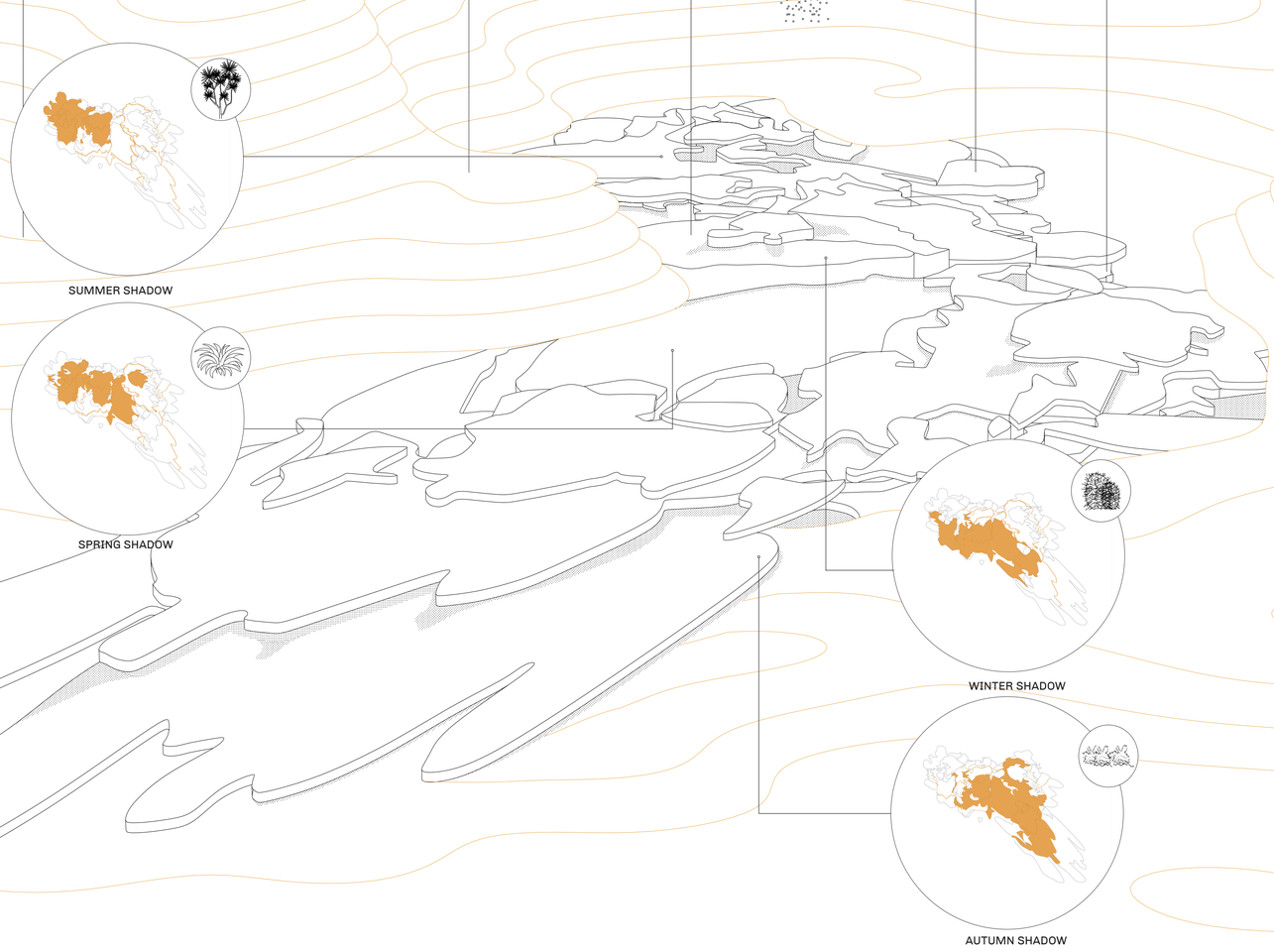


COLD AIR (MIN. 10C LESS THAN OUTSIDE AIR TEMPERATURE **INFLATES BALLOONS**, PRODUCING CONDENSATION ON OUTTER LAYER

(DESIGNED TO INFLATE FULLY OVER THE HOTTEST TIME OF THE DAY AND DEFLATE INTO THE EVENING)



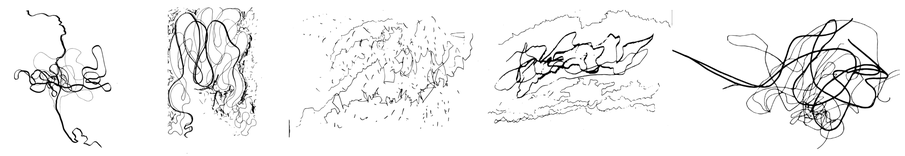
CONDENSATION PRODUCES WATER SUPPLY TO GROUND BENEATH CREATING A **SELF SUSTAINING** OASIS AND SHADE PROTECTION



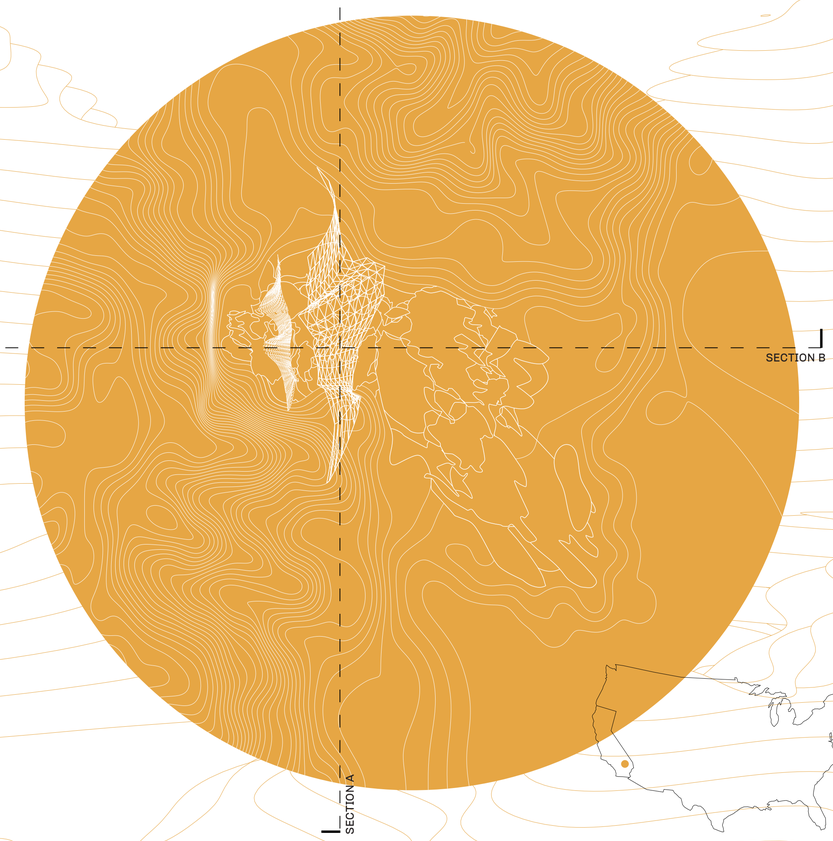
PERSPIRED REVIVAL

BY RENAE SCHULZ A1703673

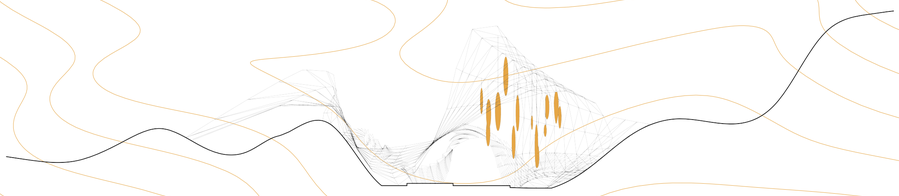
LANDSCAPE IS THE EARTH'S SKIN featuring qualities similar to that of skin, protection, sensation and regulation. Perspired Revival breathes with the desert creating a self-sustaining oasis. Located in Joshua Tree National Park, California, Perspired Revival provides protection to visitors and plant life through the heat of the day. The delicate balloon structure transforms with the temperature, fully inflating during the warmest time of the day, providing the greatest shade cover. While being pumped with cold air, this produces constant condensation. This watering system is to rejuvenate the protected species below and provide a comfortable, micro-climate for visitors from the nearby working art studio and explorers alike.



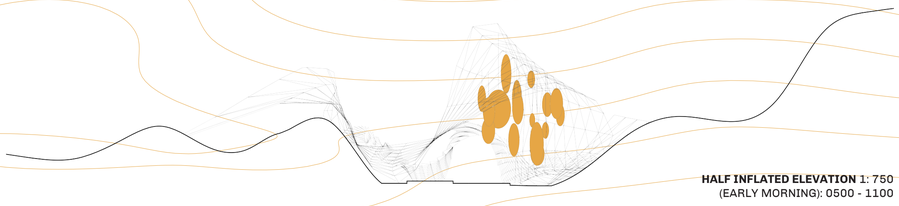
THE PROCESS
SKETCHED THROUGH TOUCH, SENSATION AND EXPERIENCING DIFFERENT LANDSCAPES



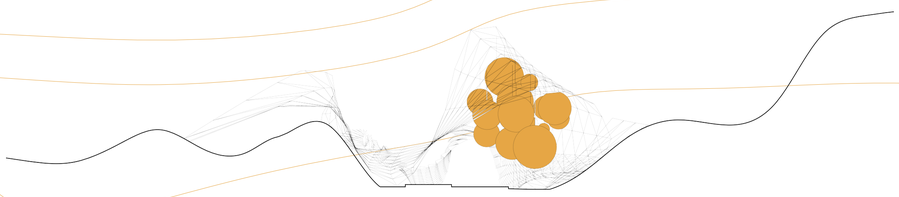
JOSHUA TREE NATIONAL PARK, USA **CONTEXT PLAN** 1:1500



DEFLATED ELEVATION 1:750
(EVENING / NIGHT): 1600 - 1100



HALF INFLATED ELEVATION 1: 750
(EARLY MORNING): 0500 - 1100



INFLATED ELEVATION 1:750
(MIDDAY/MORNING) : 1100 - 1600
PRODUCING SHADE PATTERNS THROUGH THE YEAR