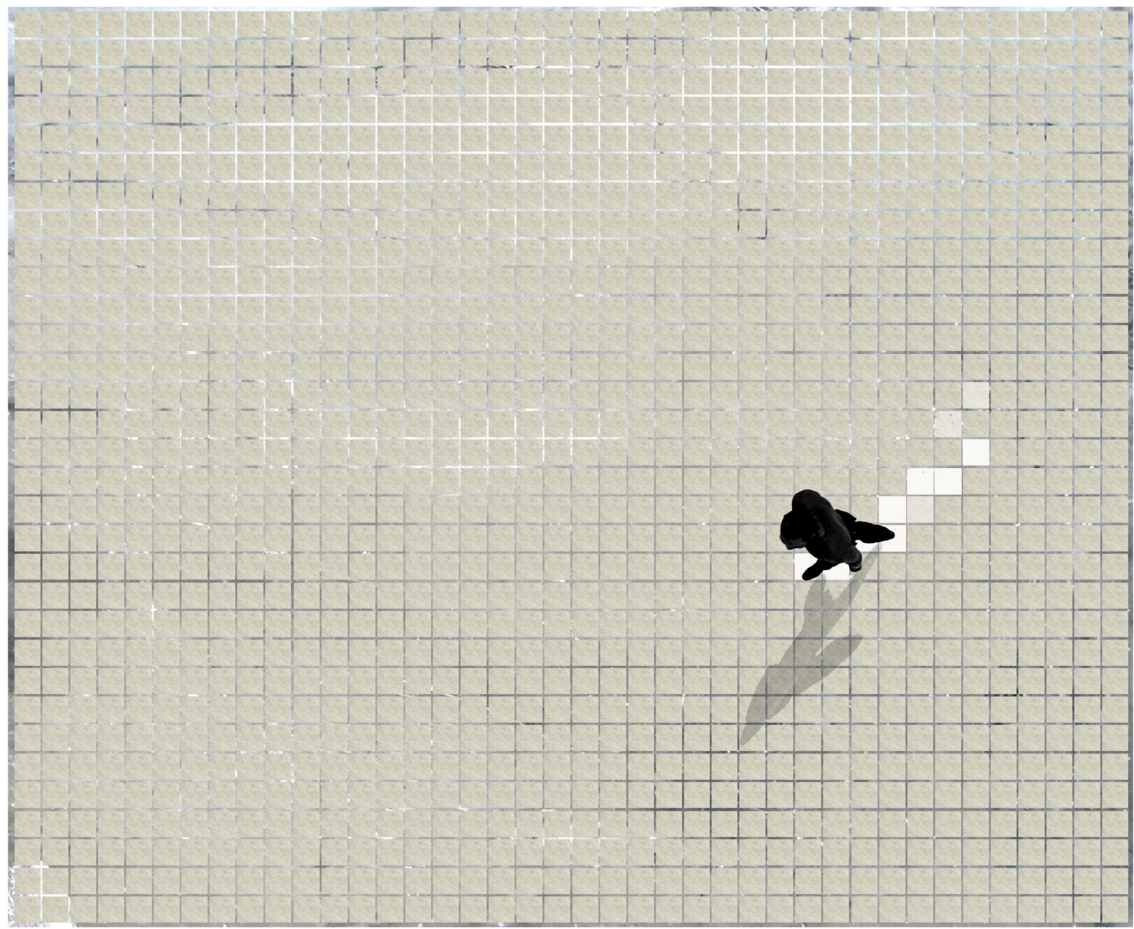


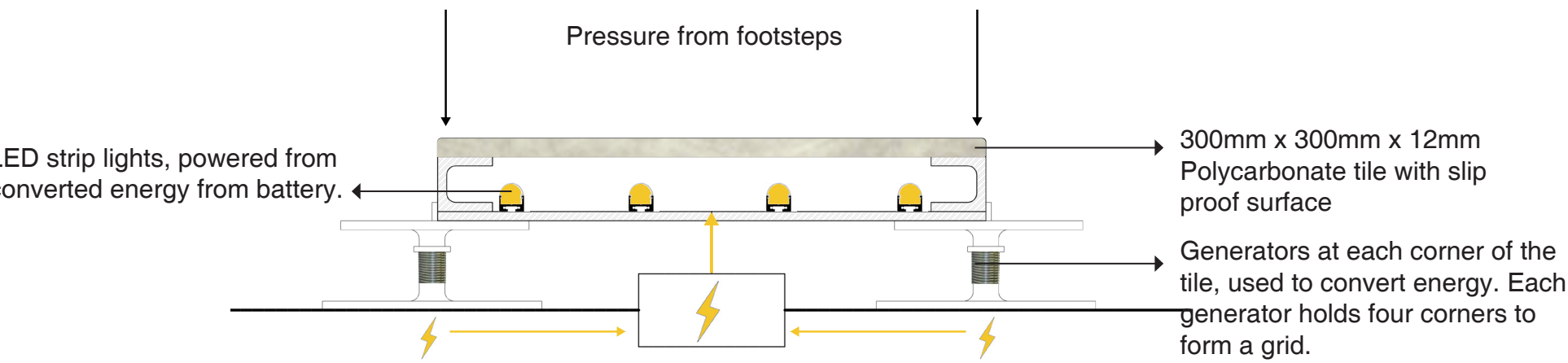
WIND LEADS TO NIGHT



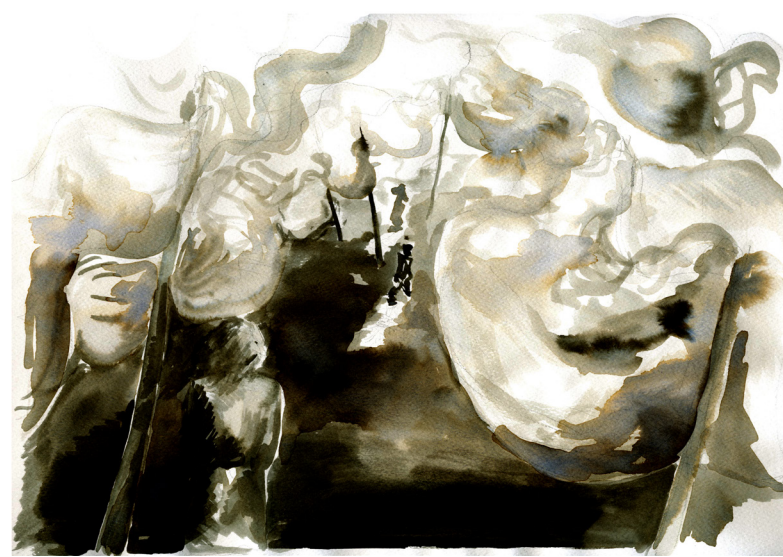
LIGHT FLOORING CONCEPT: SHADOW LIGHTS

KINETIC ENERGY FLOORING

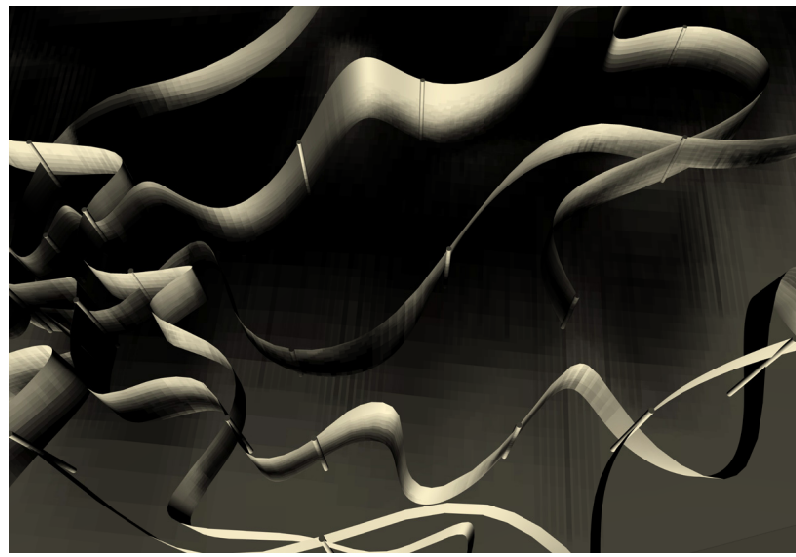
Piezoelectric technology is used to for power conversion and storage of electricity to create smarter and sustainable built environments that encourage people to directly engage with clean energy. As people step on the tiles, the weight of their footsteps causes electromagnetic induction generators to displace vertically. This results in a rotary motion that generates off grid electricity. The electricity generated from this, is stored in a battery and used to power the LED lights that follow the user as they move across the space. Each tile eventually fades as energy is lost. This offers users an interactive platform that not only engages the user with their space but tracks their own impacts within the environment. This is measured against the energy harvested from the natural environment, creating an interactive platform between man made and nature.



LIGHT FLOORING DETAIL FOR ENERGY PRODUCTION



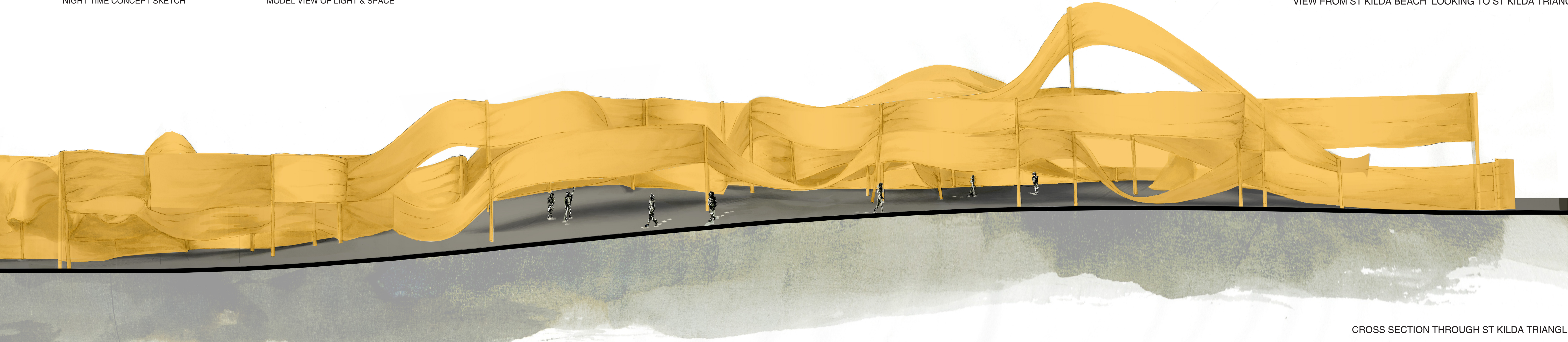
NIGHT TIME CONCEPT SKETCH



MODEL VIEW OF LIGHT & SPACE



VIEW FROM ST KILDA BEACH LOOKING TO ST KILDA TRIANGLE



CROSS SECTION THROUGH ST KILDA TRIANGLE