

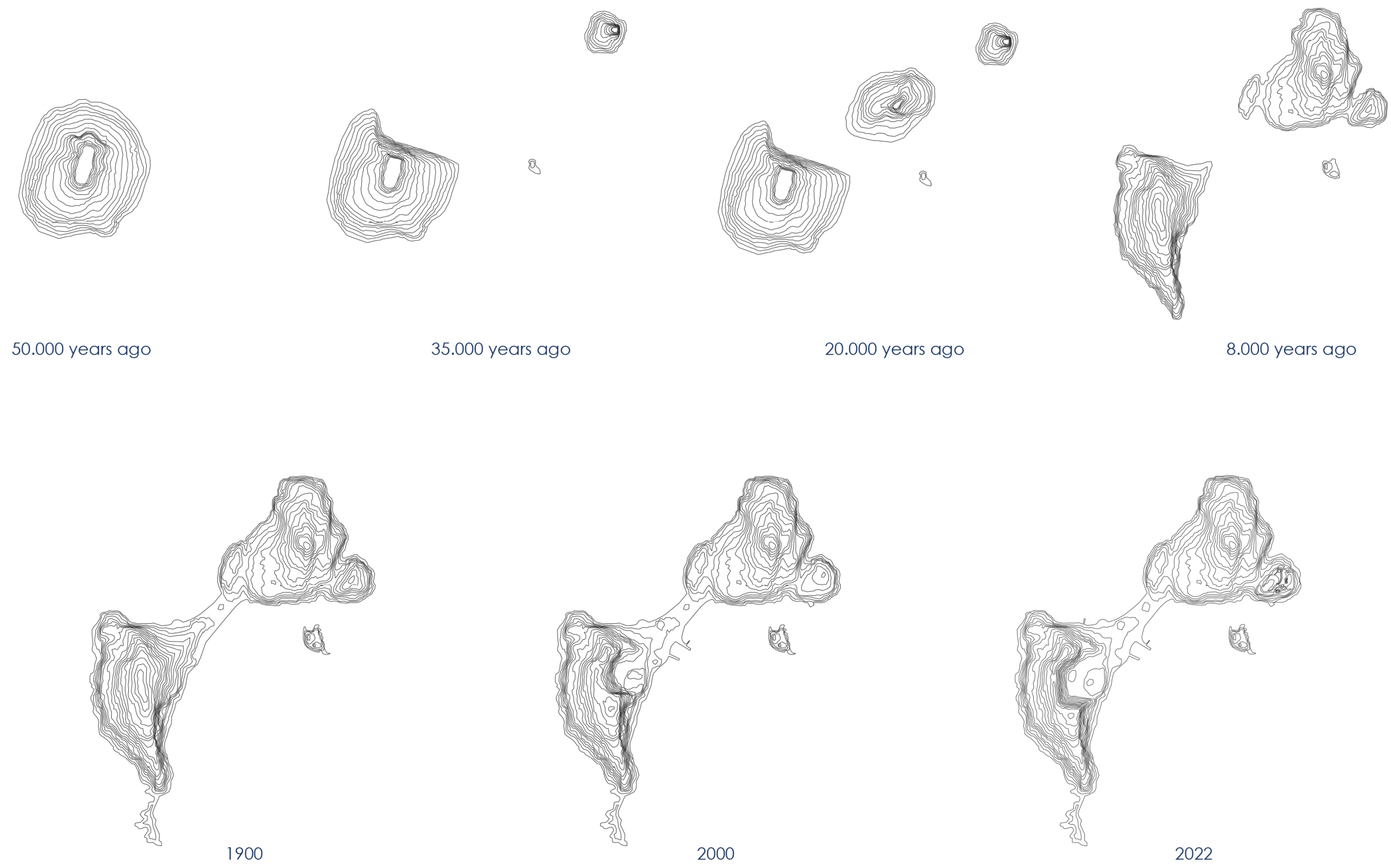
Re-mining Giali: A New Scenario for the Manufactured Landscape_
Baths and a Power Production Facility



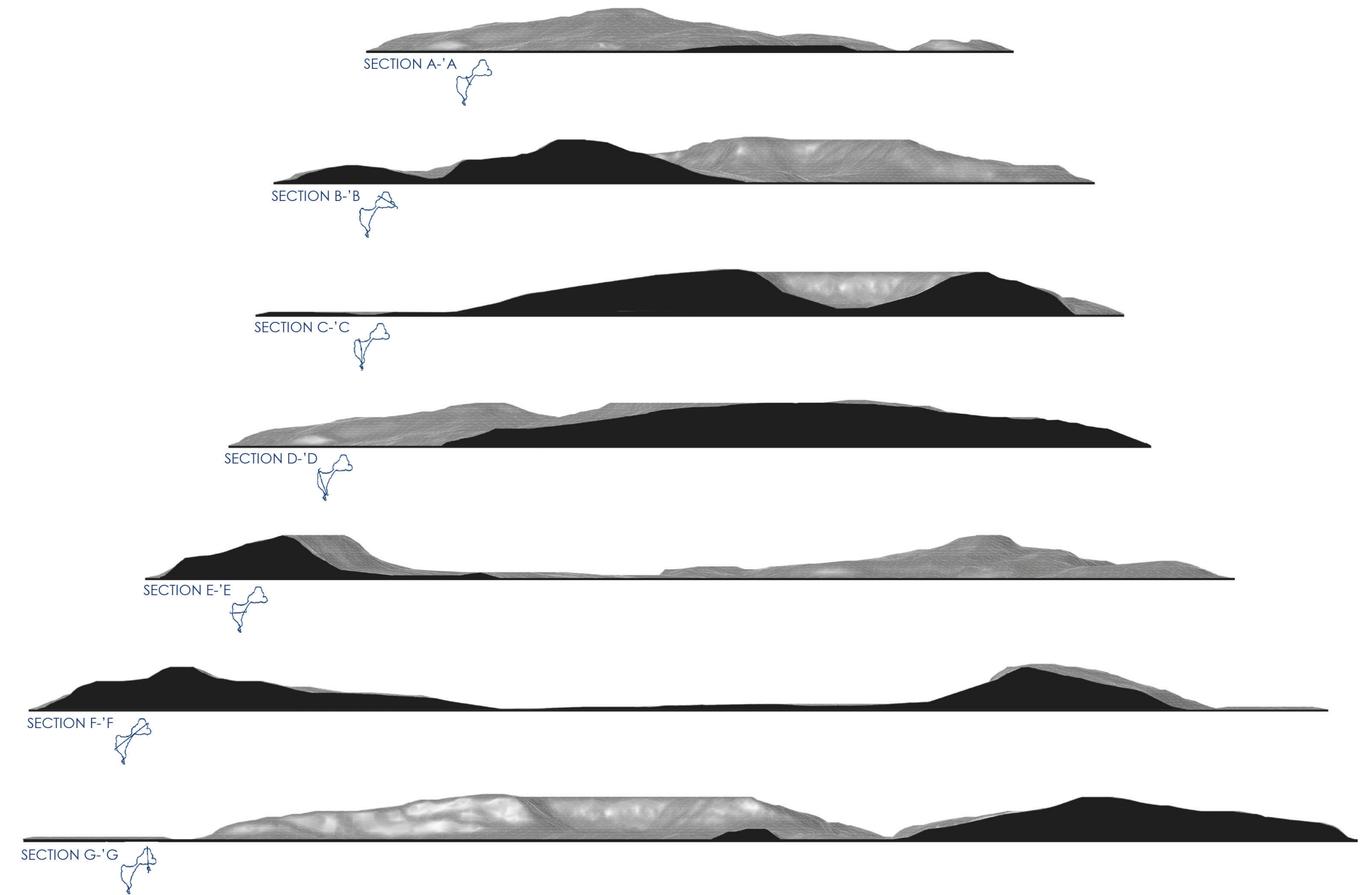


Giali island
Dodecanese, Greece

1.Yiali © Moonshadow~commonswiki (<https://commons.wikimedia.org/wiki/File:Yiali.jpg>). CC BY-SA 3.0
2. Gyali from the air, Gyali, Greece © Bj.schoenmakers (https://commons.wikimedia.org/wiki/File:Gyali_from_the_air,_Gyali,_Greece.jpg). CC0 1.0
3.Yiali pumice mining © Bioanapt (https://commons.wikimedia.org/wiki/File:Yiali_pumice_mining.jpg). CC BY-SA 4.0
4.View Gyali island from east. Greece © Власенко (https://commons.wikimedia.org/wiki/File:View_Gyali_island_from_east._Greece.jpg). CC BY-SA 3.0



Giali's creation by volcanic eruptions and landscape alterations caused by mining



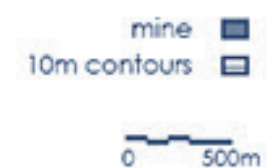
Giali island's sections in 2022 | The relation between natural and manufactured landscape



MAP OF EXISTING BUILDINGS



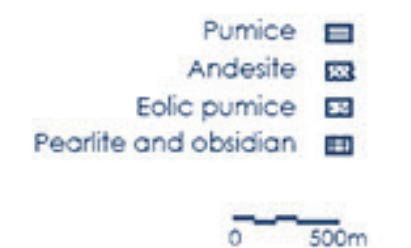
MAP OF EXISTING MINE PITS



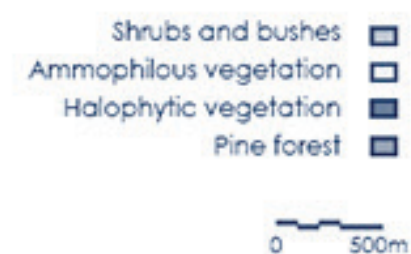
ACCESS POINTS



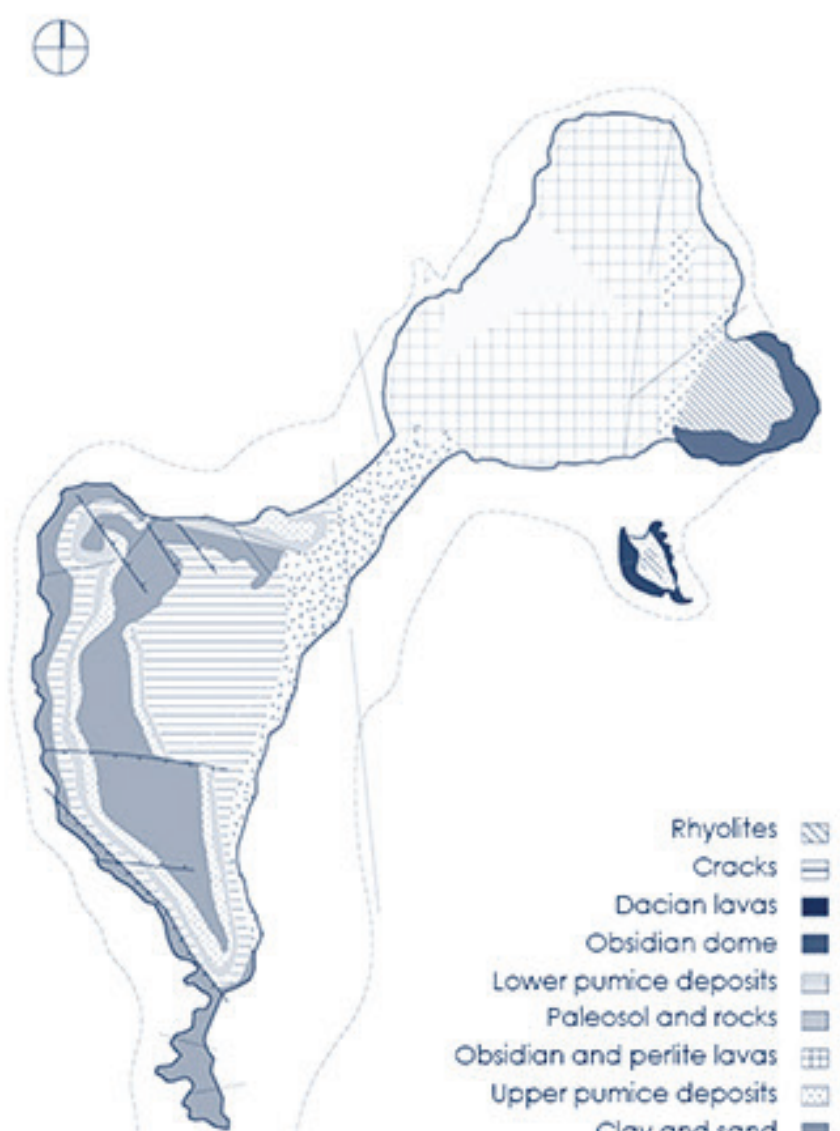
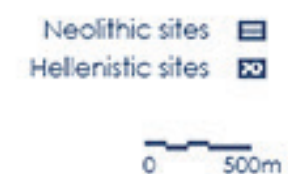
SIMPLIFIED GEOLOGICAL MAP



VEGETATION MAP



MAP OF ARCHAEOLOGICAL SITES

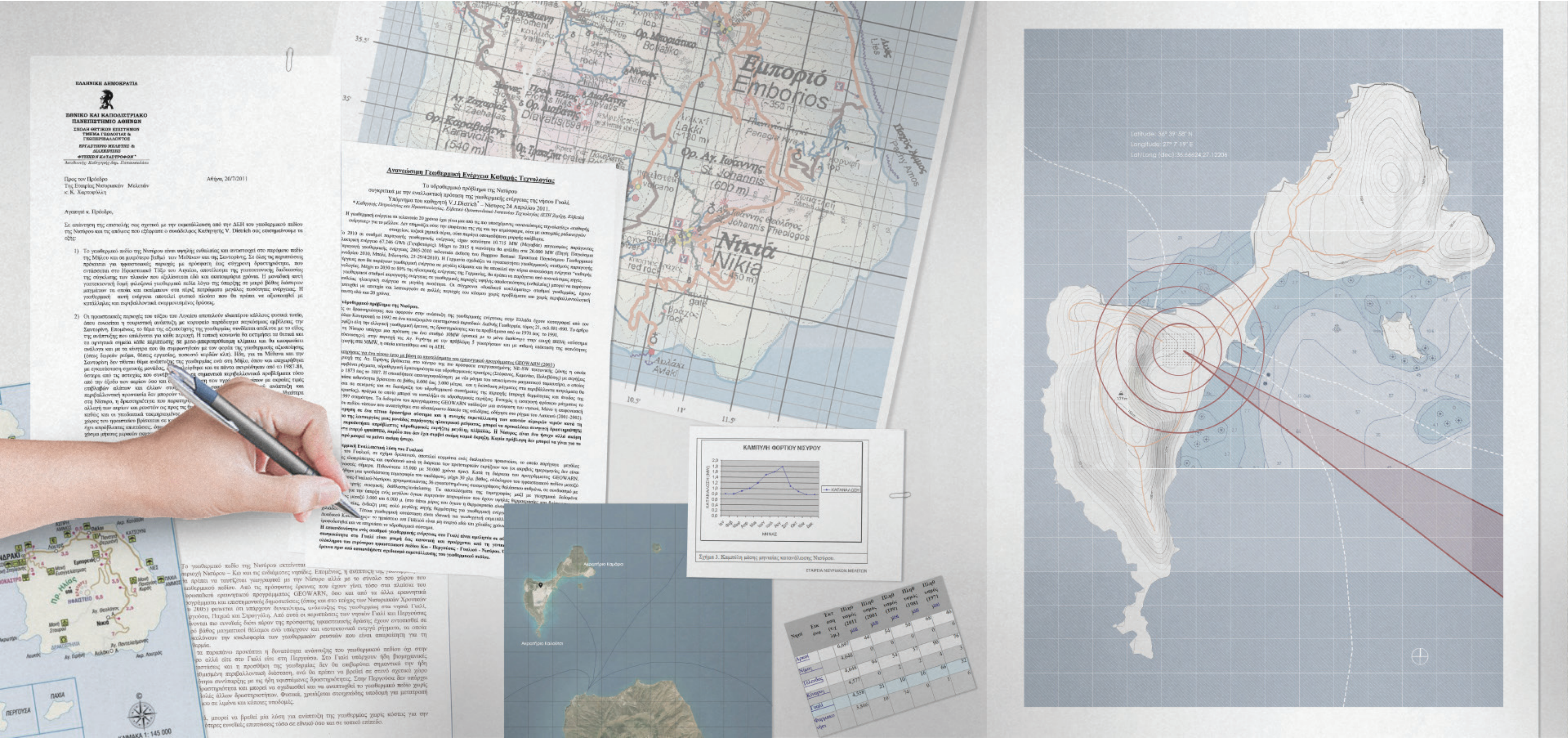


GEOLOGICAL MAP

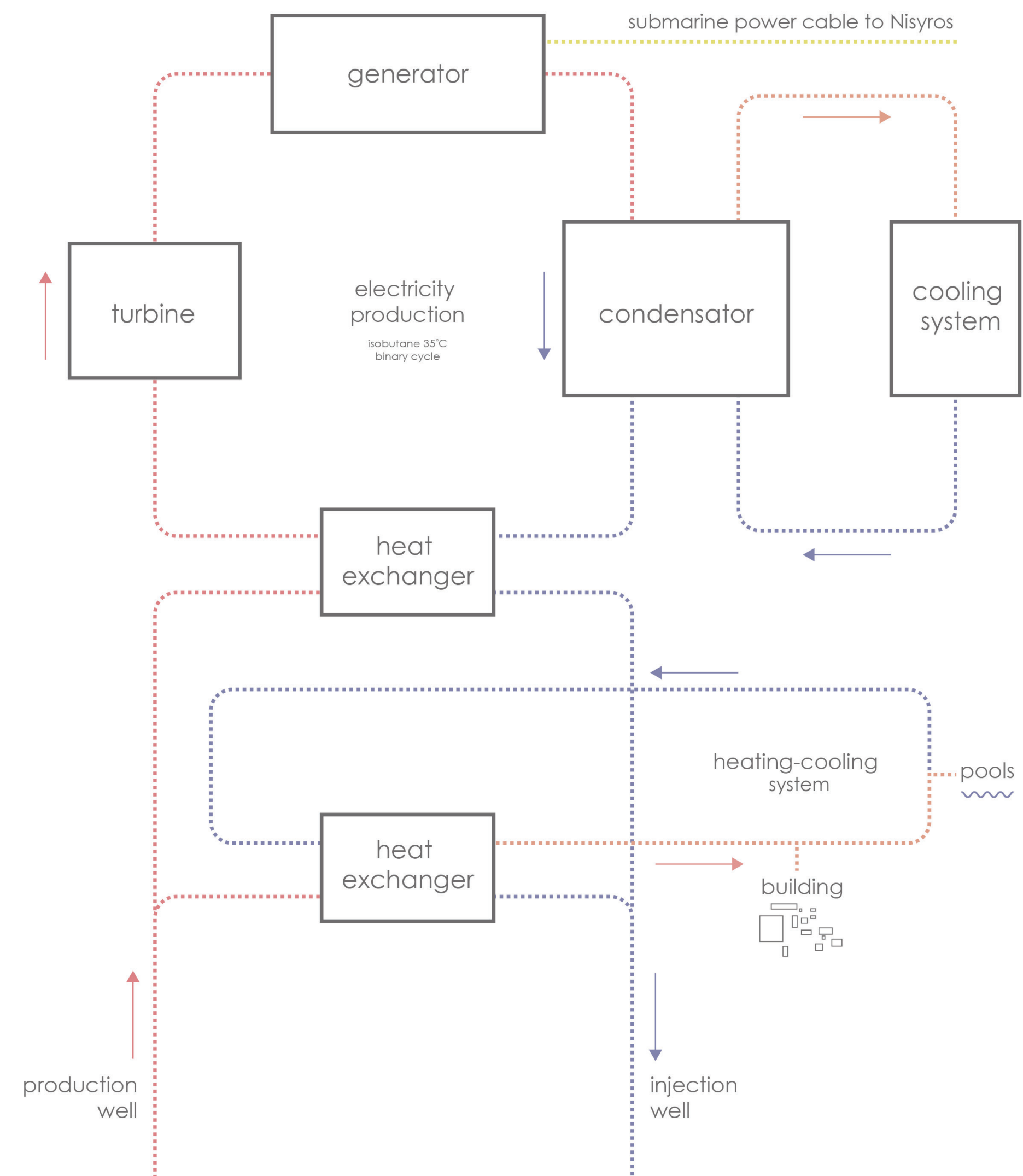


MAP OF EXISTING ROUTES



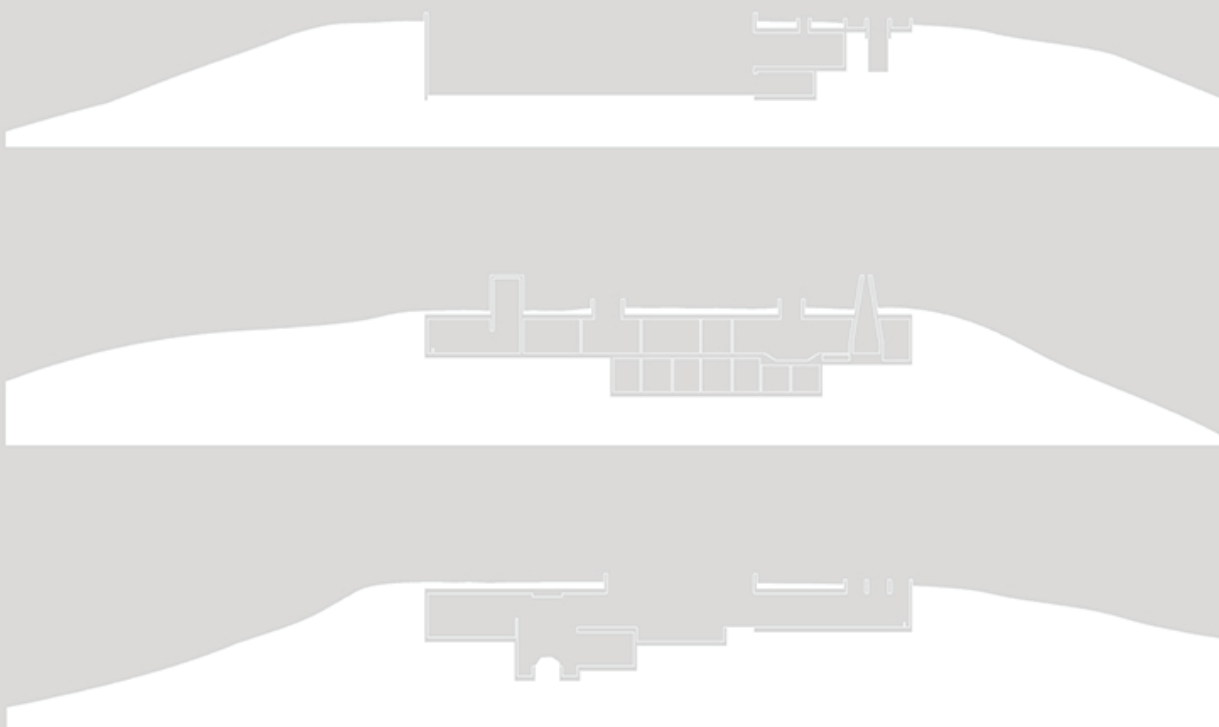


The proposal



Binary cycle power plant





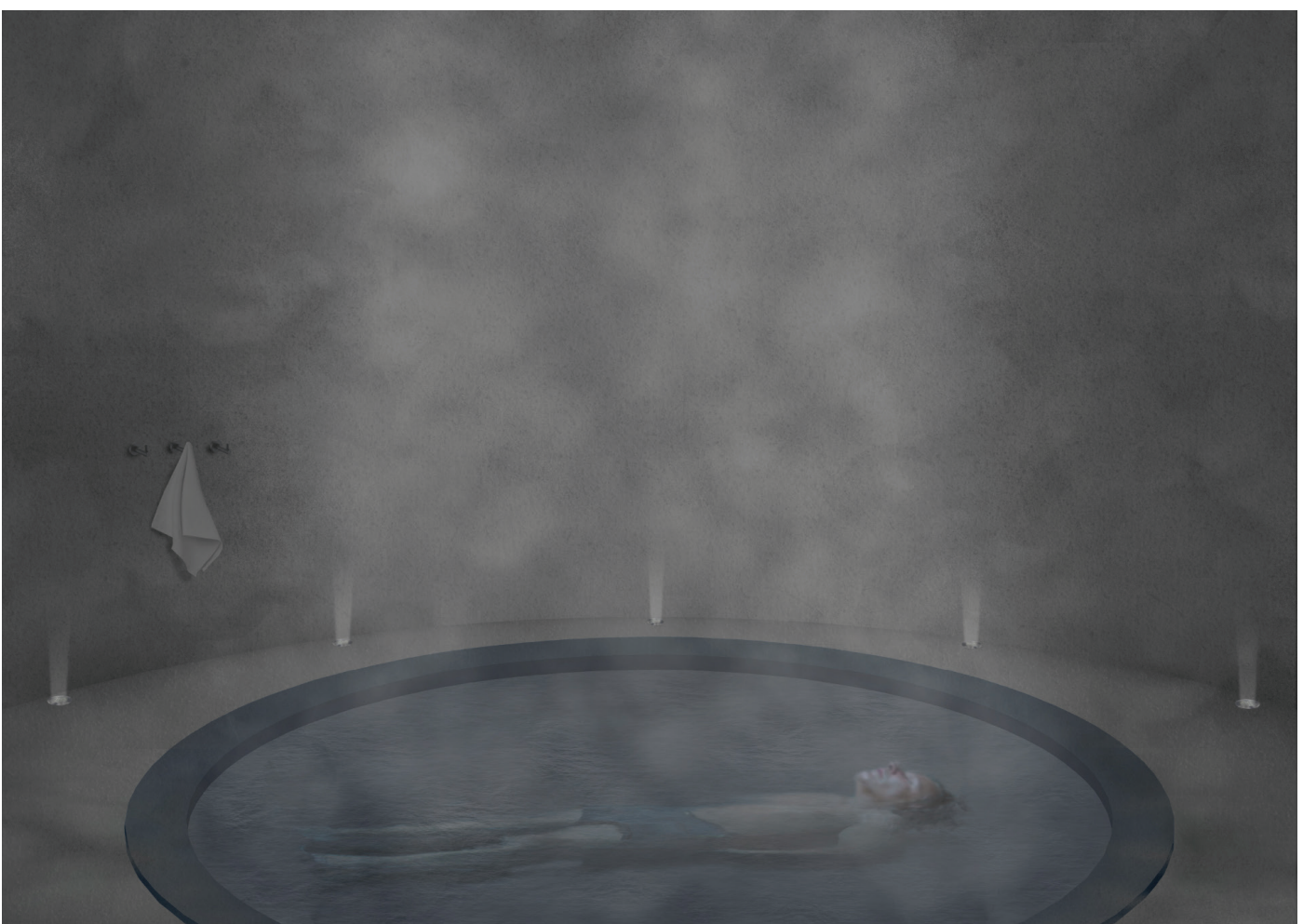
Porosity



Preparation

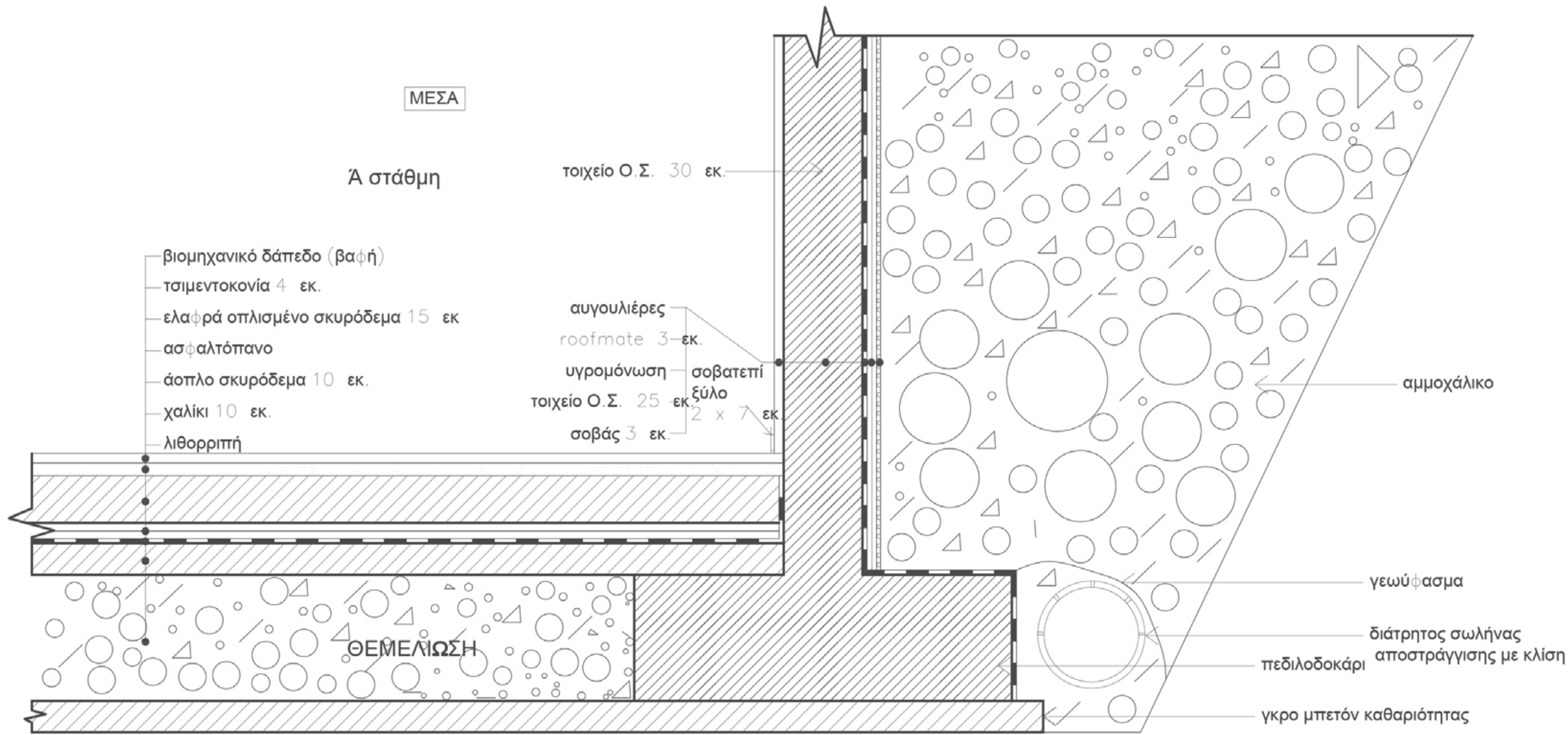


Bath

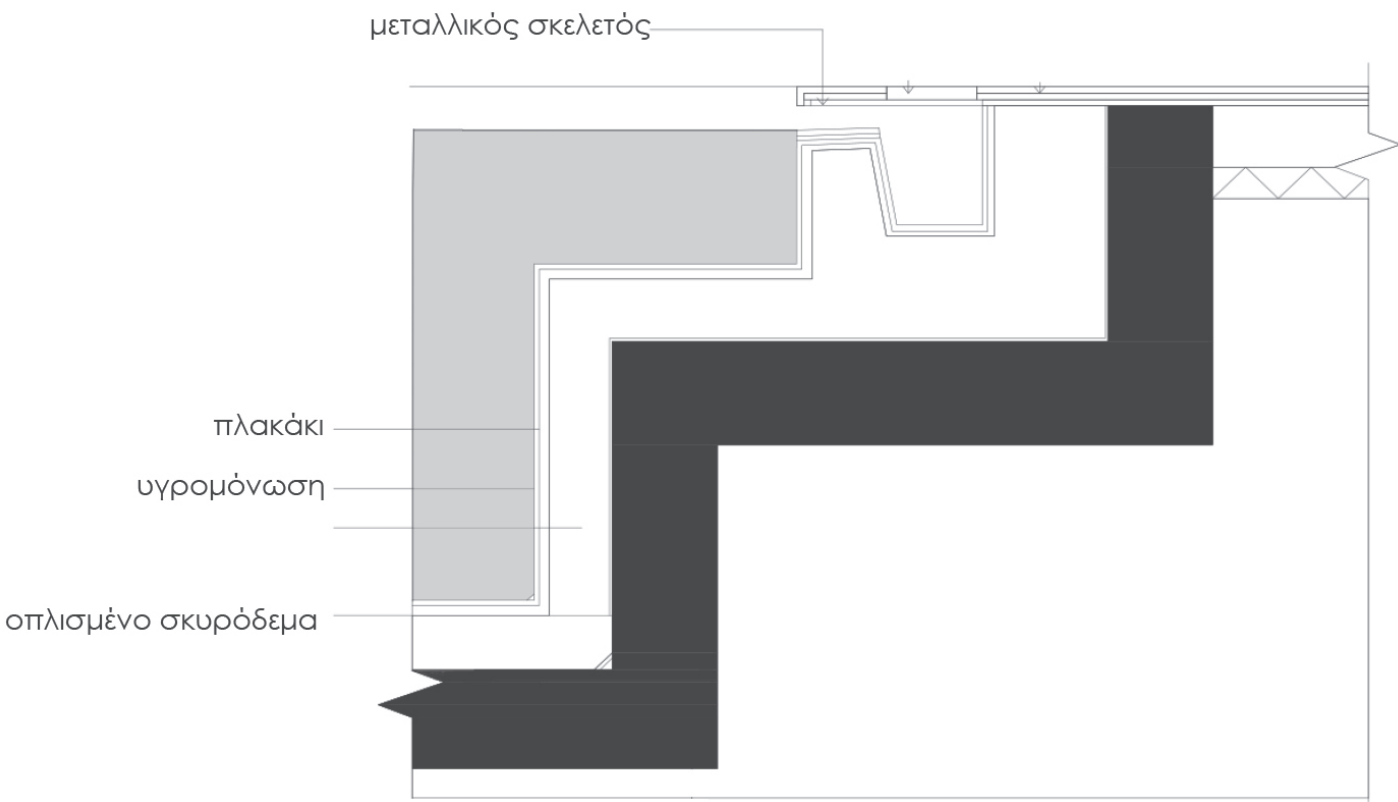


Relaxation

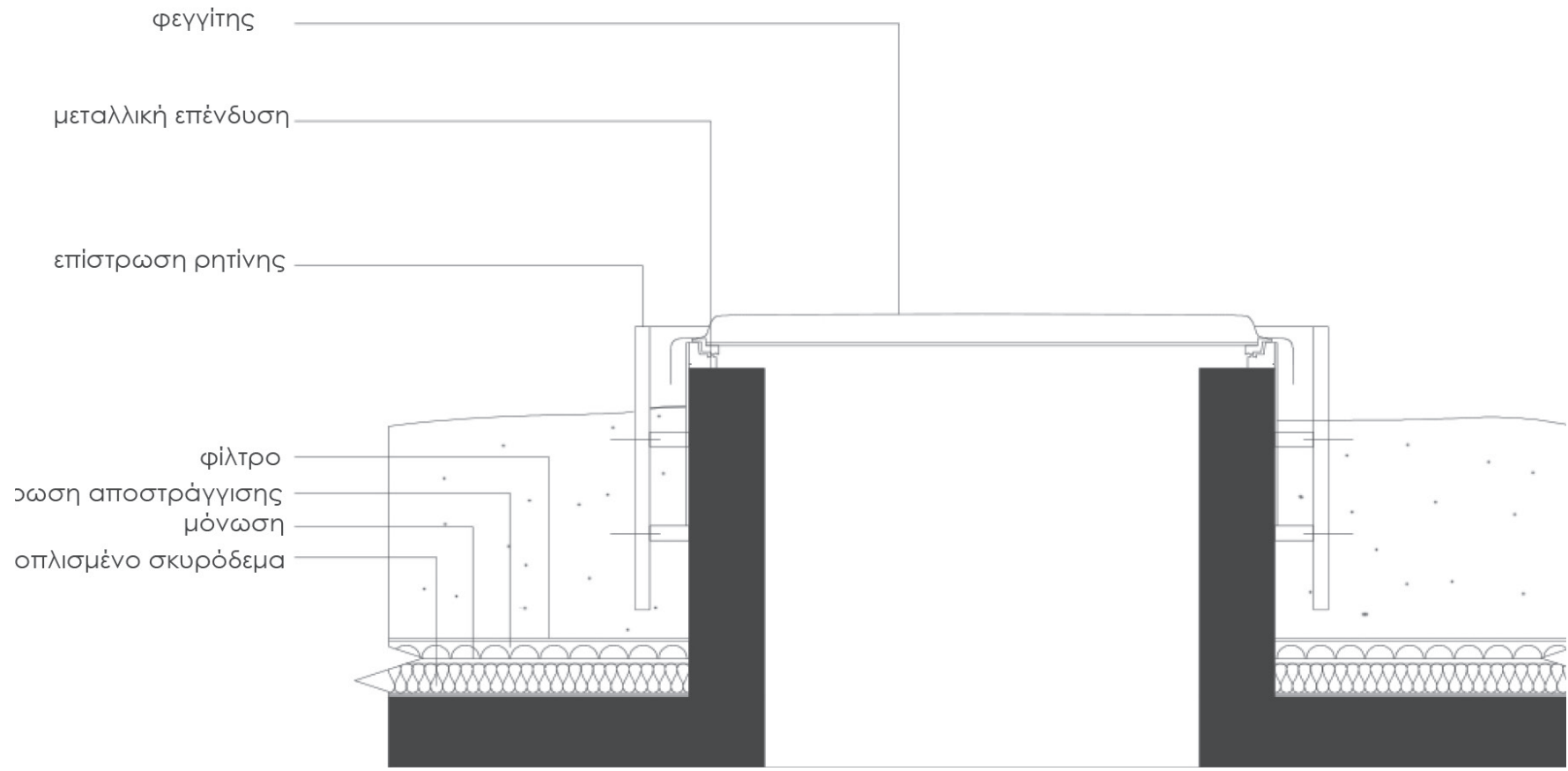
The bathing sequence



Foundation detail



Swimming pool construction detail



Skydome construction detail