

REMOVE, REPLACE, REPLICATE

BY JACK HOVELL
UNIVERSITY OF BRIGHTON - YEAR 3

This design proposal has aimed to understand the existing conditions between the territory of the West Pier and Regency Square. The focal point has been to develop in detail, around the foundations of the structures and the interactions, systems, materials and connections between the 'man-made' and the natural surroundings.

The introduction of my catalyst and its connection to the site has been influenced by researching traditional British habits and historical occurrences. This led me to build three case studies around artefacts/objects that Britain obtained during wars and colonisation; which are still displayed in British museums at present.

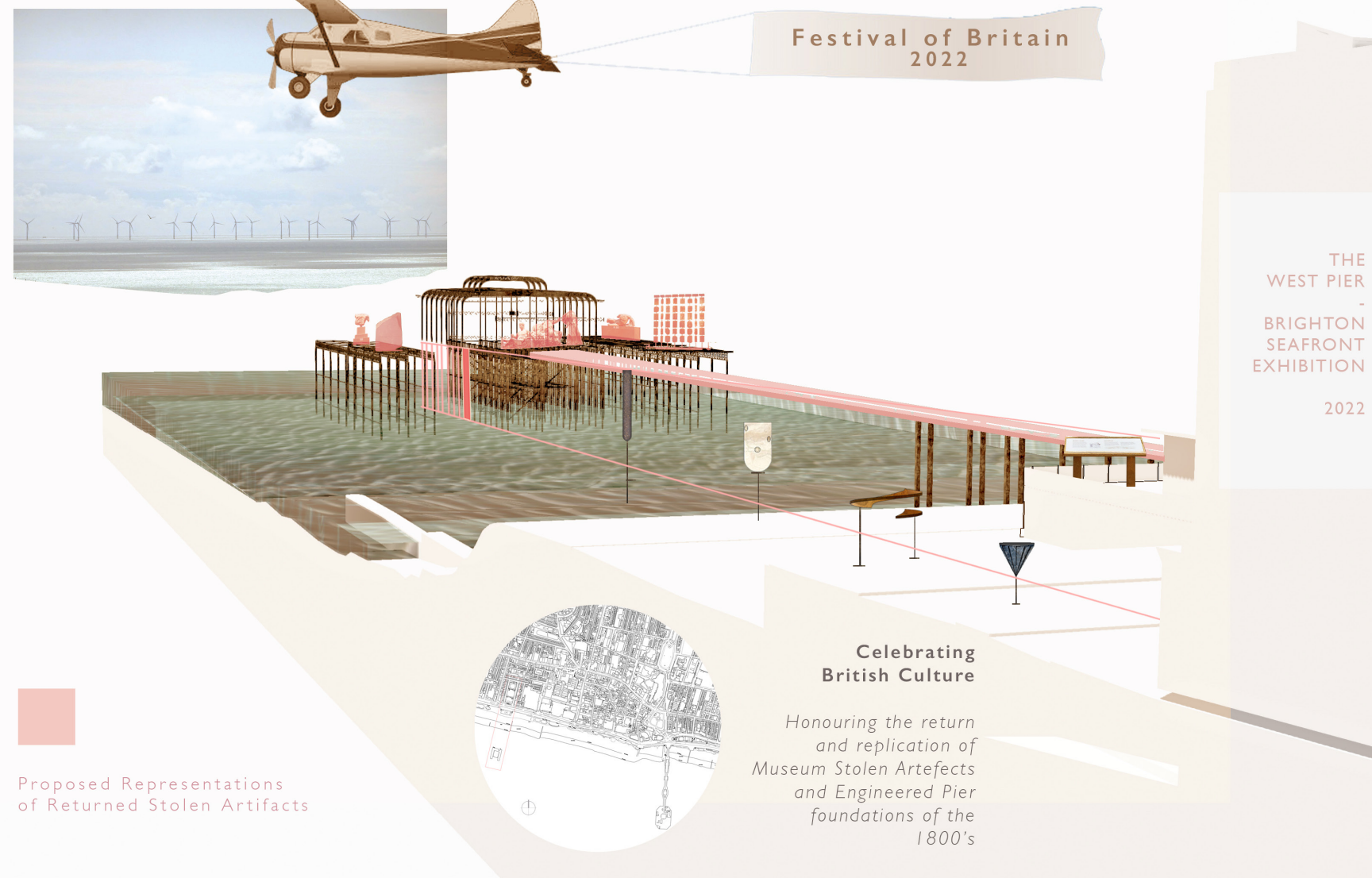
In-order to join these concepts and developments to the design process, I have linked the materials with the foundations, honouring the unique parts of British culture.

The museum drawer

A selection of System and Material experiments testing sustainable and biological materials with traditional metal components



Stolen Artefacts



The stolen artefacts in my case studies, all have a unique material and historic value. In recent years, these object have sparked much discussion and media attention, which has led to protests, pledges and deals to return the objects to there rightful countries.

As a resemblance and celebration of the artefacts, the project aims to collaborate the British engineered foundations and the variety of culture through materiality.

Jesmonite samples (right)
Representing materiality of stolen artefacts

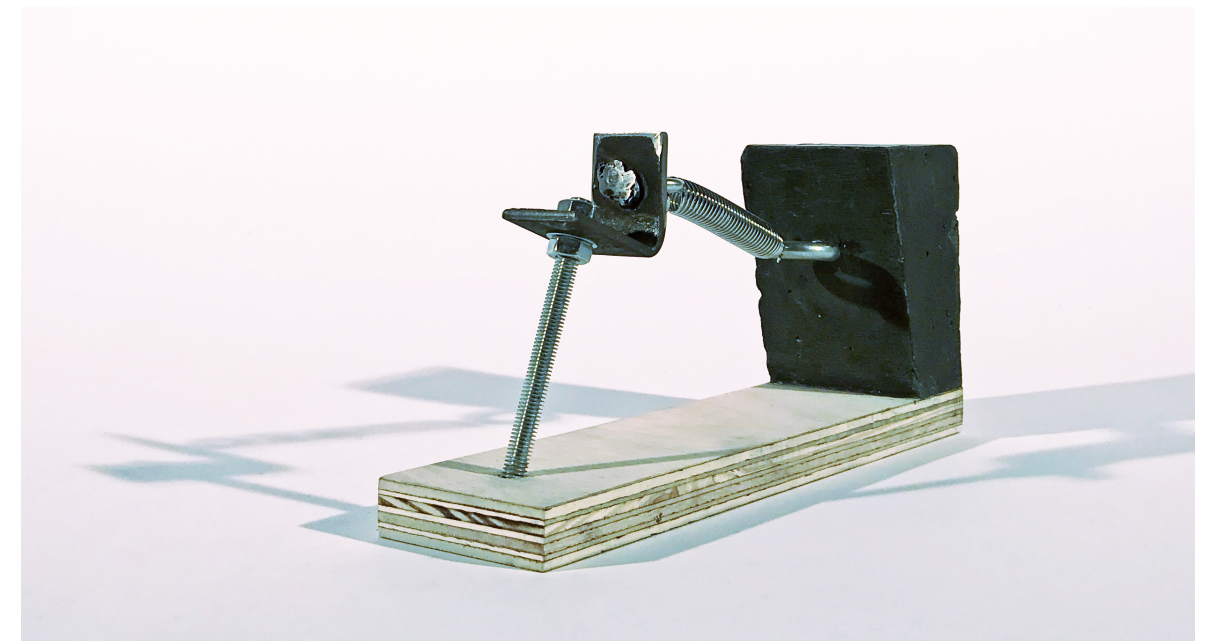


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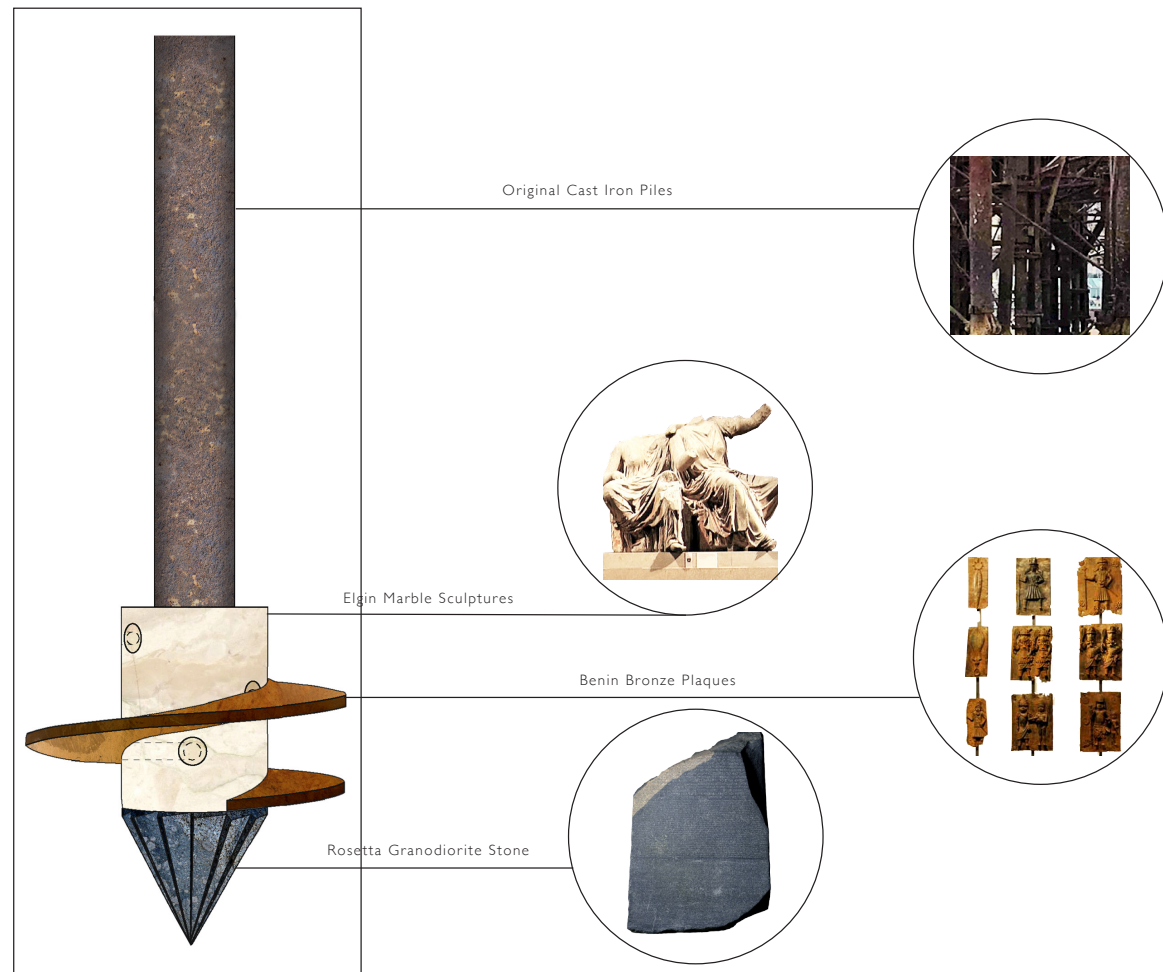
Material System 01 (top)
Connecting screw pile seat to the frame and ground

Material System 02 (middle)
Spring system demonstrating the tension and strength between Jesmonite and Steel

Material System 03 (bottom)
Segment of the helical screw blade connecting to steel rail



Replicating the Materiality of my Catalyst
+
Representing the Details of my Territories



Visualisation of Totems on Brighton Beach

This final interpretation of the temporary installation on the seafront demonstrates the interaction with public and tourists whilst displaying the details, systems and materials of my project.

Each component of the de-constructed screw pile foundation has been re-placed and represented along the line of the gap in the structure of the West Pier. Using my technical scaled CAD drawings and rendering I have used my material samples (which I made from Jesmonite) to resemble the materiality of my 'Catalyst' stolen artefact.