Material Development + Detailing

The scaffolding has been sourced from Tremorfa, Cardiff, with the pallets coming from a local merchant in Newport specialising in the reuse of industrial materials. After the theatre's life has come to its end, all building components can be returned to their original merchants.

The red curtain, produced locally, will be donated to Re-Create, a Cardiff-based charity supporting play and craft within the local community. As a result, all components of the theatre can be sourced and returned to companies within 12km of the site, lowering the building's environmental impact and encouraging local business.

COSTING

By renting the scaffolding structure, costs are kept low. Pallets can be easily resold at minimal loss. The majority of the budget can be invested in the curtain and lighting.

	Scaffold Board Lengths (@ £0.03/foot/week)					Scaffold Beams (@ £10/week)	Scaffold Tubes (@ £0.50/week)	Scaffold Tube Fittings (@ £0.05/week)	Scaffold Board Fittings (@ £0.05/week)	
	13'	10'	8'	6'	5'					
Quantity	31	39	63	10	87	10	185	325	460	
Rent/week (£)	12.09	11.70	15.12	1.80	13.05	100	92.50	16.25	23	
Total rent/ week (£)										285.51
TOTAL rent/ fortnight (£)										**571.02**
	Pallets (Heavy-duty @ £3)									
Quantity	1260									
TOTAL cost (£)	**3780**									

The building is defined by two distinct languages. Firstly, the structure is built entirely out of recyclable and returnable materials. The load bearing structure is made of hired scaffolding poles, with larger spans achieved by 8.1m trusses.

This scaffolding skeleton is clad using vertical scaffolding boards. Each individual board possesses a unique quality, showing traces from its previous uses. Cumulatively however, they encourage a sense of robustness and adaptability in contrast to the preciousness typical of theatres. The density of this cladding marks entrance points for visitors and performers and helps to protect the inner spaces from the elements. It also functions as a vast pinboard - a customisable exhibition surface.

This rough and porous outer skin is passed through to enter the more intimate inner space which is constructed out of timber pallets (seating and stage) and chipboard (floor and ceiling), giving the theatre a unified and warm atmosphere. This is further enhanced by the dropping of the red wool curtain.The pallets also appear to spill from the interior of the theatre into the courtyard, forming seats and tables for the bar and seating outside the entrance of the Anthony Hopkins Centre.

Detail Section
Scale 1:20