

+

PORTFOLIO

ELLIOTT DENNIS
PROFESSIONAL PORTFOLIO

+

PART 1
2015-2017



+

PART 1 ARCHITECTURE

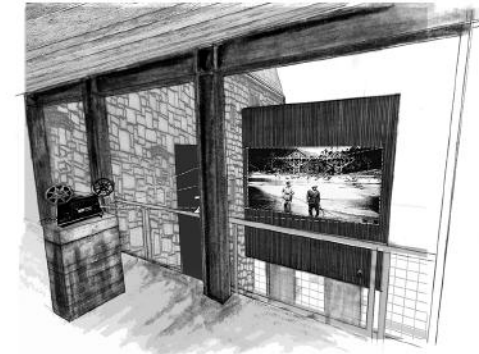
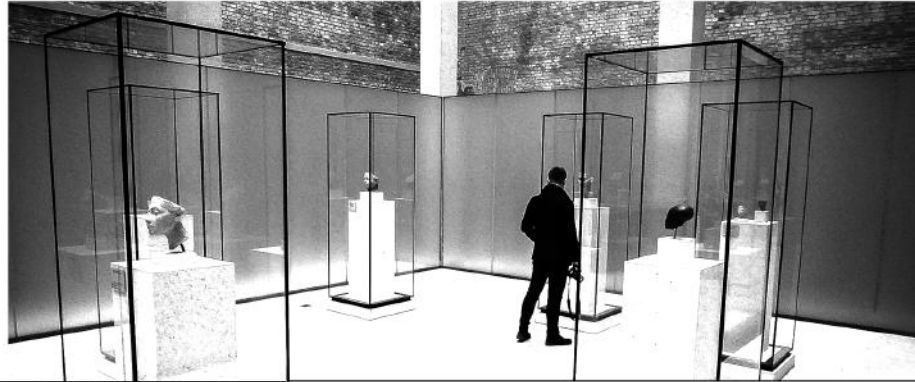
+

PROFESSIONAL | PORTFOLIO

+

ELLIOTT DENNIS
Part 1 Architectural Assistant
BA (Hons) Architecture

Date of birth:
11/01/1996
Email:
elliott_dennis@live.com
Mobile:
07932916092
Online portfolio:
www.elliottdennis.co.uk



Interior perspective year 3

PROFILE

As a student I am interested in architectural design that revolves around the existing context, a deep understanding of the place and the social conditions within it; from this I believe that meaningful design emerges.

Within my studies I am disciplined and enthusiastic. I am interested in furthering an existing knowledge of digital tools within more traditional methods of the design process. I relish in thinking about, and participating in sustainable contingent design for the near and far future, and how architecture as a practice can effect positive societal change.

DEGREE

Within my university education I have learnt and gained an understanding of a range of different mediums necessary to meaningful innovative architectural interventions and schemes.

I have gained an understanding of building regulations and construction methods, through both, working whilst studying and been involved in live projects at university, where I gained a hands on understanding of construction.

I have observed and studied multiple successful and unsuccessful schemes through European study trips, and have an understanding of what successful architecture is.

SKILLS

Proficient in most CAD, BIM, 3D modelling and rendering software including AutoCAD, Vectorworks, Photoshop and Rhino. I have extensive experience with both 3D printing and laser cutting, and the digital fabrication that goes with it.

I have experience with hand drawing techniques and drafting, along with model making on a large and smaller scale.

ACHIEVEMENTS

- + **Field of Dreams competition winner**
Dartington Estate in collaboration with the Schumacher Collage - BA(ARCH) year 3
- + **Commendation in the HLM Architects sustainability in industry award**
HLM Architects, Plymouth University - BA(ARCH) year 2
- + **Published within the Plymouth University design and theory journal**
Plymouth University - BA(ARCH) year 2
- + **Work selected for the end of year degree show**
Plymouth University - BA(ARCH) year 2



Completion of a live project constructed before the Field of Dreams

EDUCATION

- Plymouth university | September 2014 - May 2017
Architecture (BA Hons)
- Coombe Dean post-16 | September 2012 - 2014
A level - History, ICT, Art
- Coombe Dean school | September 2009 - 2012
9 GCSE grades - A-C including Maths, English, Science

EXPERIENCE

- + **Architectural Assistant | Stackhouse Design | August 2016 - Present**
Assisting generally around the practice, surveying new projects and drawing up existing and proposed elevations, plans, and sections. The role has also included some light design duties, and meeting with clients; exclusively in the residential sector.
- + **Labourer | The Gelder Group - Xeric Drying Systems | May - August 2016**
Working to restore flood damaged buildings, after the 2015 Cumbria floods, dealing directly with water ingress and the practical methods used to prevent it, and remedy it.
- + **Photographer | Smiles on the tiles | July 2015 - September 2015**
Engaging with both the clients and venue staff. I worked within an array of different venues liaising with co-workers to form a team and exchange the takings from sales.
- + **Architectural Assistant | Stride Treglown Architects | June 2012**
During this time I undertook my own design project in which I surveyed a given site and conceived a design in which I added a second level to an existing single story building to maximise usable space; becoming reasonably proficient in programs such as Revit, and AutoCAD.

References, portfolio and statement of results available upon request.

OR code link to online portfolio

Thank you for reading



THE ARK - RECORDING THE CITY

The Ark was my final project for the first semester of my final year. The project builds upon a previous primer project which looked into the history of Pre-war Plymouth and what was lost in war time air raids.

The project attaches an 'oral archive' on to the side of an existing building, which was partially destroyed by The Blitz, it collects, stores and exhibits the spoken voices of the residents of Plymouth that experienced the violence and destruction of The Blitz. These stories of both pre and post-war Plymouth aim to rediscover a history where very little historical matter exists; built fabric or otherwise.

The project also provides a central home for the cities paper-based archive, insuring that records are protected and perpetuated for the future.

Below: The exhibition space for oral histories
 Far right: Section through the proposition
 Right: Oral histories of Plymouth's residents

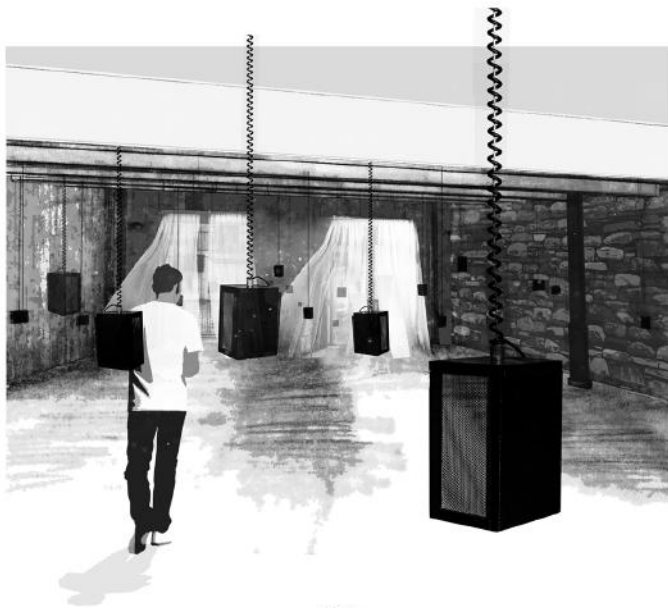
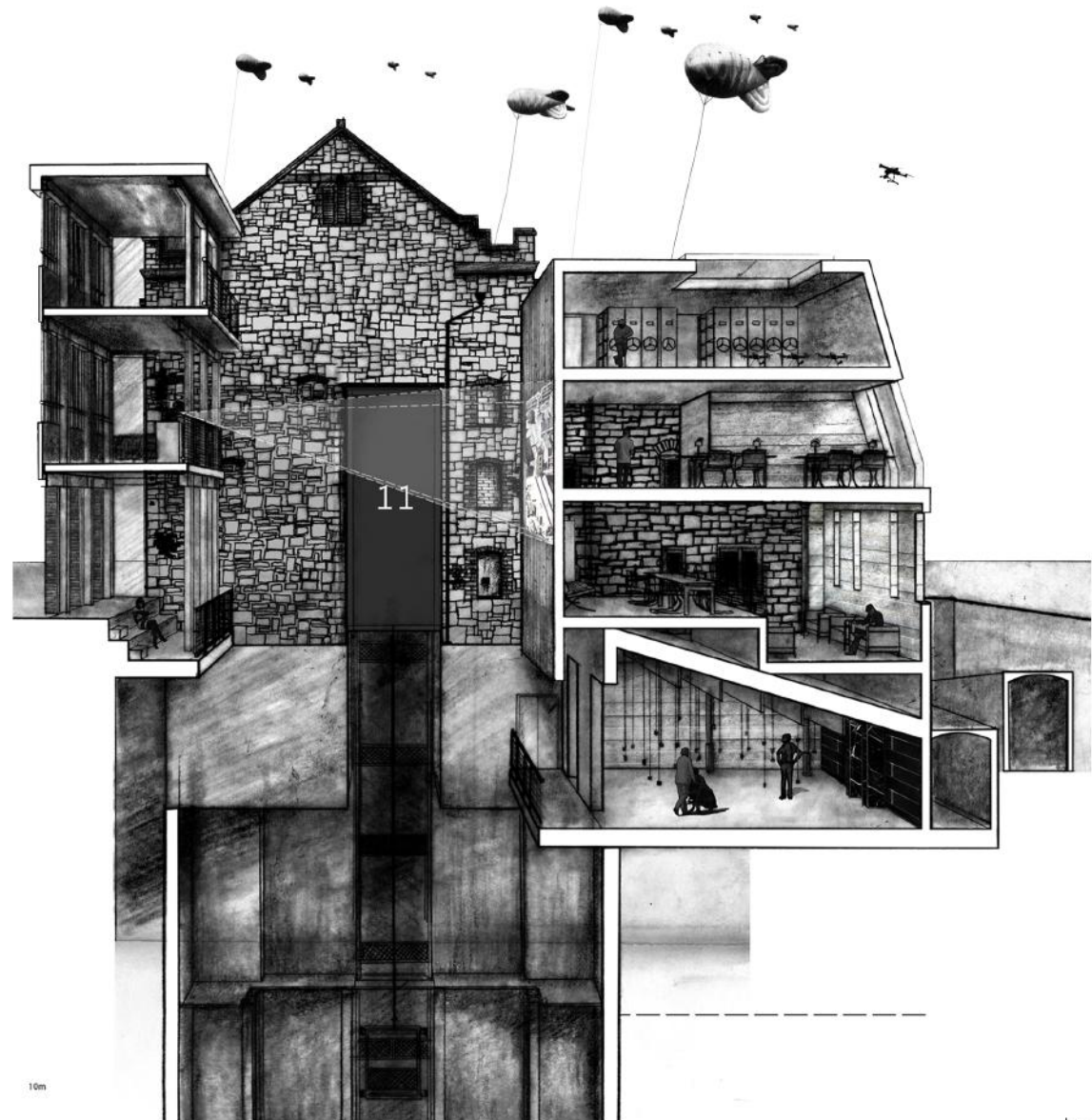


FIGURE 1
 Oral history speaker exhibition



FIELD OF DREAMS - DESIGN COMPETITION

Winning submission for the Field of Dreams design competition, hosted by the Schumacher College. The scheme provided a design for a prototype 'glamping' pod with the intention that a series of these pods will be built in the future, helping towards a new initiative started by the Dartington Estate.

The pod looks to celebrate the use of wood as a sustainable, renewable material; together with its use for heating. The physical approach to the pod provides a glimpse of the use of wood in both aspects being used for cladding and burnt for heating; the locally made burnt cedar mimicking the burning of wood in the stove.

This project also features within the Hot '17 degree show with a purpose built installation of the pod.

Below: Conceptual visualisation
 Centre: Interior of the pod
 Right: Exterior charred cladding of the pod
 Bottom right: Exhibition of the project in the Hot '17 degree show
 Top: Winning team



Pod construction video



Construction of a live project proceeding the construction of the pod



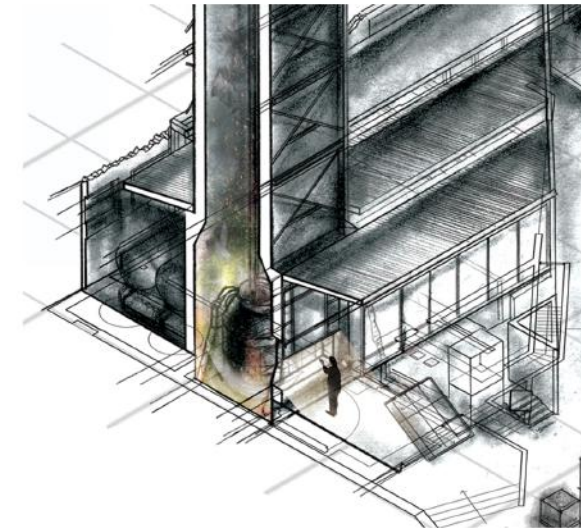
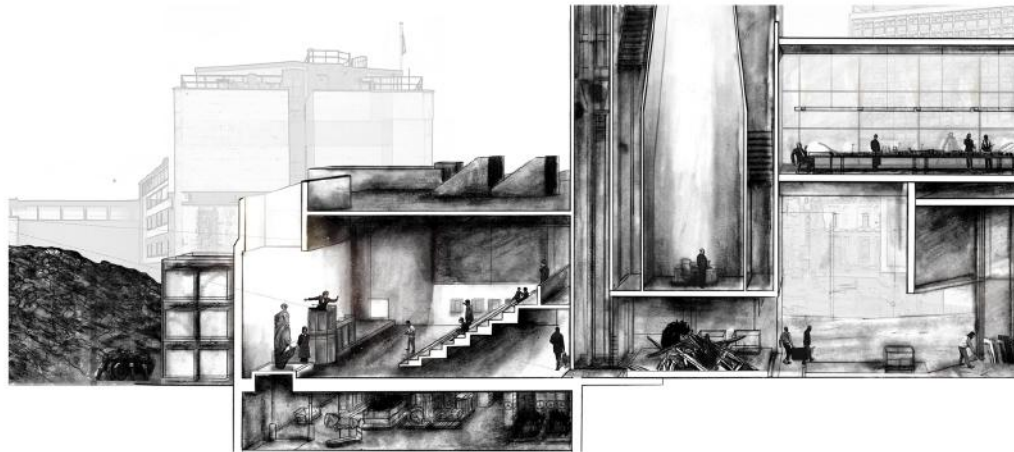
LOT #033 - CITY SURVEYOR AND AUCTION HOUSE

This project seeks to follow a similar train of thought to the Ark project, with the documentation and archiving of historical matter from the city. The project employs an auction house and meeting room for a city surveyor and architect in the continued, historically and identity conscious, development of Plymouth.

The concept of the project is to take and sort salvaged material from buildings marked for demolition under a new wave of development in Plymouth. The proposition then determines what can be re-purposed, auctioned off (represented to the city), or exhibited in a neighbouring group members propositions.

The project situates itself within a past ruin of the demolished Westward TV studio, which itself is being 'salvaged' under the architecture and scheme of the project. The project aims to raise questions about redundancy as well as the existing grain and identity of Plymouth.

Below: Section of the proposition showing the auction house and surveyors meeting room.
Bottom: The existing ruin of the Westward TV studios after their demolition in 2009
Right: sectional models focusing on key parts of the proposition. Top showing the spaces.
Bottom right: Iso detailing the furnace in which redundant items are re-purposed.



TRURO MUSSEL FARM

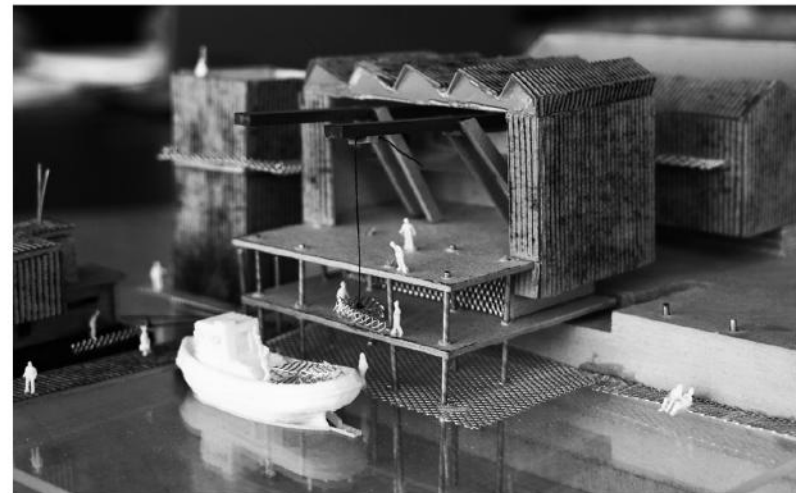
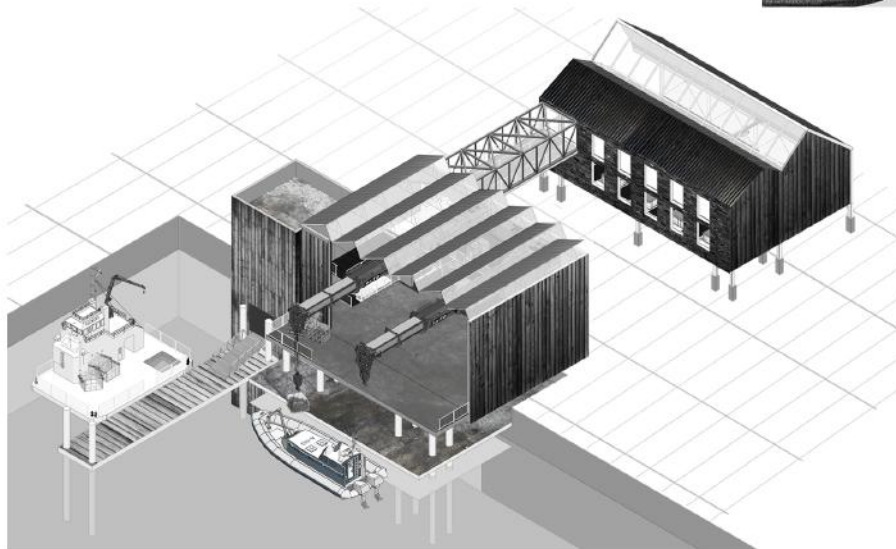
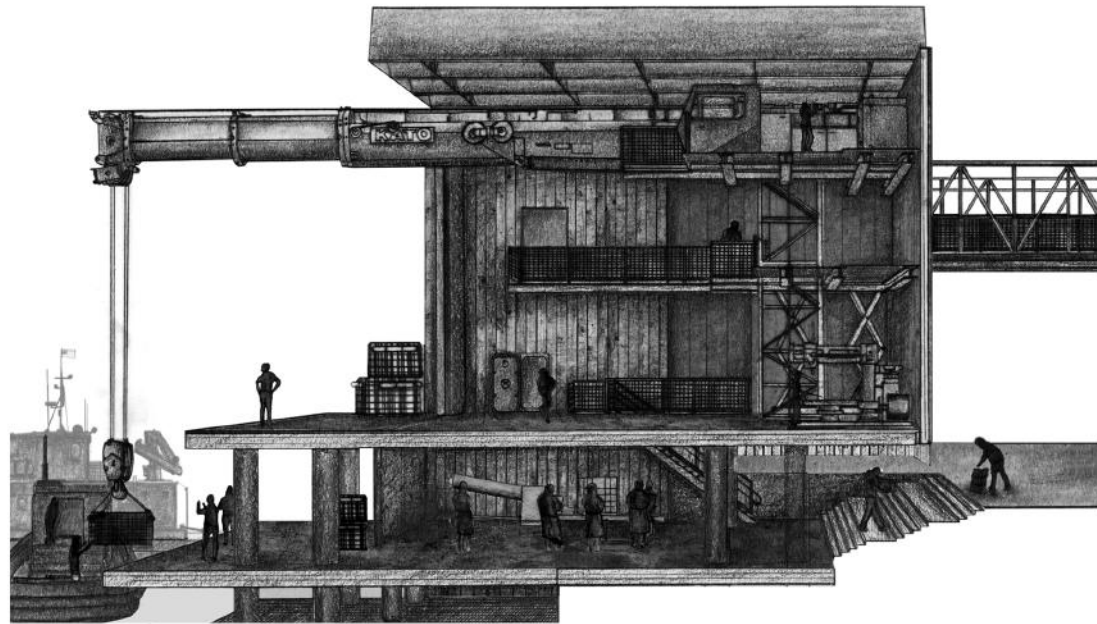
This project was my final projects in my second year of university. It seeks to restore the River Truro and disused wharf to a usable state through the natural removal of built up silt and the removal of toxins using mussels as a medium to achieve this.

The project aims to cleanse the river of toxins washed down from disused tin, copper and iron mines, on the outskirts of the city, which have previously caused the river and other waterways to become heavily contaminated. The project implants mussels as a way of naturally filtering the river water over time as well as creating a centre where the level of contamination can be tracked and tested.

This project was a part of a wider unit ambition focused on the well-being and health of communities through the creation of sustainable architecture to promote the betterment of society.

This project received a commendation as part of the HLM Architects Sustainability in Industry award.

Right: Final section of the workshop section of the proposition
Below: Axonometric of the entire proposition and supporting elements.
Bottom right: Interim model of the proposition



CATHERINE STREET

Catherine Street was the given site for my third year, first semester work, this project precedes the Ark project and is focused on analysing the site, and its wider context of Plymouth as a city.

The project analyses the devastation brought by World War Two air raids, and the subsequent destruction of the pre-war city, as well as what was lost within them, aside from built fabric, including historical records, identity and a context that had existed since medieval times.

Catherine street is the last area in the city to remain how it has always existed, relatively untouched by war and now sidelined by the main axis of Armada way. The site is a perfectly suited the Ark project which was eventually placed along the street in an area that was damaged by bombs.

Right: A study into the old central police station door, with historical remnants of the lantern
 Far right: A proposed route for a Plymouth transport system which aims to connect the city laterally
 Bottom: Study into the history of Catherine Street and the destruction of the city

