

# SEMESTER 1

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## Project 1 ARCHITECTURE & CONTEXT

Weeks 1 - 3

ISLAND + MASS

24%

### ISLAND



Student Exemplar (1): Ink Blot

*"We borrow from nature the space on which we build" - Tadao Ando*

- context** – *Anganga - aspect, outlook, view, location*  
- the series of physical and physiological elements which describe where an architectural intervention is sited
- site** – *Takotoranga - site, position, receptacle*  
- the area of ground in which a building, monument, town, garden is constructed
- contour** - *Rārangi Hua – contour line*  
- are lines drawn on a map connecting points of equal elevation, **meaning** if you physically followed a **contour** line, elevation would remain constant. **Contour** lines show elevation and the shape of the terrain.
- topography** *Takoto - layout, topography*  
- is the study of the land surface. It lays the underlying foundation of a landscape, referring to mountains, valleys, rivers or craters on the surface. The origin comes from “topo” for “place” and “graphia” for writing. It also includes the human interventions of infrastructure, bridges, roads, settlements.

## AIMS

Island will lead you to create and define a landscape as a location for your first explorations of an architectural invention on a site.

You will learn how to understand contours and how to create and read a landform based on a plan drawing of the landscape you create.

The basic tools of cutting sections and making landform models will be practiced.

The path of sunlight across the island landform will be explored.

You will start to understand SCALE in architectural representations of drawing and modelling.

## TASKS

You will create a series of abstract ink blots on 210 x 210mm card

One ink blot will be chosen.

You will create a landform by drawing a contour system for your island based on your chosen ink blot. This is an exercise in imagination.

You will assign an appropriate scale to your island - 1:10,000 (±2 km square).

The island contours will be rendered in two different ways to explore the communicative capacity of various graphic representations.

You will cut a series of sections through your contour plan.

These will be made into 42 cardboard/foamboard sections to make a model of your island.

Exploring the sunlight and shadow moving across your island landform you will take 2 photographs of the compelling landform you have created: 1 x overhead plan view

1 x perspective view

A comprehensive and clear pinup of all the documentation of your island will be presented.



Student Exemplar (2): Final Completed Outcomes for ISLAND

## ISLAND PIN UP SUBMISSION

1 x ink blot print	210mm x 210mm
1 x contour drawing	210mm x 210mm
2 x 2D renders of contour plans	210mm x 210mm
1 x island model scale 1:10,000	210mm x 210mm
2 x shadow photos of island model	
- 1x in plan	210mm x 210mm
- 1x in perspective	210mm x 210mm

## GRADING CRITERIA (Associated L/O's 1,2,3,5)

## 12% of semester grade

1. Thoughtful choice of inkblot that clearly imagines a landscape.	<b>1 print</b>	<b>10%</b>
2. Clear, coherent & well-drawn contour system.	<b>1 drawing</b>	<b>25%</b>
3. Compelling, drawn renders.	<b>2x2D drawings</b>	<b>25%</b>
4. Well-crafted sectional model and effective Shadow images.	<b>1 model + 2 photos</b>	<b>30%</b>
5. Effective, integrated pinup presentation + participation in student-led critiques.	<b>Pinup + participation</b>	<b>10%</b>

# MASS



Student Exemplar (3): Mass Model in Landform

*"Architecture is what nature cannot make. Architecture is something unnatural but not something made up." - Louis Kahn*

- Plan** – **Mahere (nō runga)**  
- a drawing of orthogonal projection onto a horizontal picture plane, representing a view looking down on an object
- Location plan** – **Mahere Whenua – mahere – plan, chart, map; whenua – land, territory, domain**  
- describes the location and orientation of a structure or building on a site/plot of land and in relation to its context
- Elevation** – **Tairanga**  
- an orthographic projection of an object on a vertical picture plane parallel to a principal face – conveying the external appearance of a building, showing the building's relationship to the ground plane, cutting a section through the ground mass
- Form** – **Te Ata Matū – ata - form, shape, semblance; matū - material, matter (science), substance, chemical**  
- the shape and structure of something as distinguished from its substance and material
- Composition** – **Hanganga - making, construction, creation, building, formation, structure, composition**  
- the arranging of parts or elements into proper proportion or relation in order to form a unified whole

## AIMS

To understand how landform and contours can be represented, through drawing and modelling.

To explore how landform influences the natural sunlight and physical qualities of a particular site.

To start learning about the composition of mass, in a context.

To start to understand the implications of scale in the representation and conceptualisation of architecture and context.

## TASKS

You will select a site on your island to locate an architectural structure, explaining the motivations for your choice.

By making a solid cardboard cube, cutting it and placing the two pieces on the chosen site on your island, you will manifest a composition which includes your island landscape – carefully consider this third element, particularly the space between your masses.

You will draw a location plan of the ‘architectural’ mass on your chosen site.

Drawing a plan and elevations of your mass, you will understand how to represent a structure in the contours of a landscape.

You will take photographs of your site model and composition with different scale figures, in order to understand the implications of scale in the representation of architecture and context.

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## MASS PIN UP SUBMISSION

1 x Location Plan	1:10,000; 210 mm x 210 mm
1 x Explanatory Statement	210 mm x 210 mm
1 x Site Plan	1:200; 420 mm x 420 mm
4 x Arch. Elevations	1:200; 1 x A2 sheet
3 x photos of model with 3 different scaled figures	210 mm x 210 mm
1 x comment on scale changes	210 mm x 210 mm

## GRADING CRITERIA (Associated L/O's 1,2,3,5)

**12% of semester grade**

1. Thoughtful placement and explanation of the architectural cube, the space between and the relationship of these to the island site	<b>1 drawing + 1 sheet of writing</b>	<b>10%</b>
2. Clear, coherent and crafted plan with interpolated site contours	<b>1 drawing</b>	<b>20%</b>
3. Compelling architecture, good drafting, accuracy of contour cross sections on elevations	<b>4 drawings</b>	<b>30%</b>
4. Well-crafted model, insightful scale comments. Good use of scale figures	<b>3 photos + 1 sheet of writing</b>	<b>25%</b>
5. Effective, integrated pinup presentation	<b>pinup with name</b>	<b>15%</b>

**Note:** the inclusion of your site model with Mass composition, while not obligatory will enhance your submission

## ISLAND + MASS

## Deliverables

Thursday 23<sup>rd</sup> March 3pm

### ISLAND

1 x ink blot print	210mm x 210mm
1 x contour drawing	210mm x 210mm
2 x 2D renders	210mm x 210mm
1 x island model	210mm x 210mm
2 x shadow photos of island model	
- 1x in plan	210mm x 210mm
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### MASS

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4 x Arch. Elevations:	1:200; on 1 x A2 sheet
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**Note:** the inclusion of your site model with Mass composition, while not obligatory will enhance your submission

A grade for the work presented also takes into consideration how clear, neat and comprehensive the overall PIN-UP is.

All PIN-UPS must be accompanied by a printed LABEL clearly stating your full name and student ID number.

**NOTE: The Assessment Event is comprised of the physical pinup in studio and a supporting digital record of the submission.**

**The deadlines for these are:**

**Pinup by 3pm on Thursday 23<sup>th</sup> March**

**Digital Submission by 4pm on Friday 24<sup>th</sup> March**



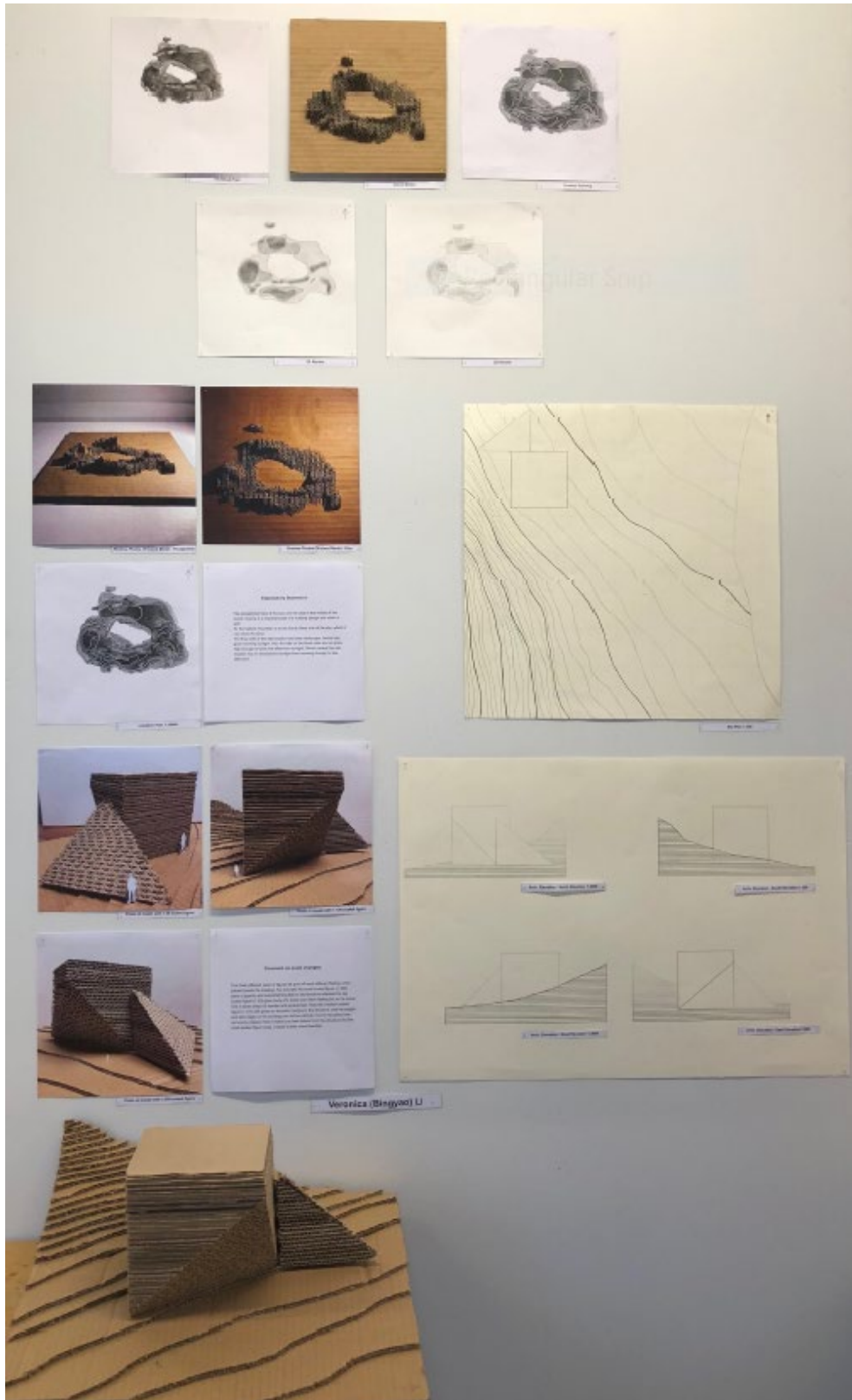
The Digital Submission MUST include a photograph of the work pinned up in studio and a carefully composed document of each of the deliverables, drawings, photos and models.

**If for any reason you are unable to meet these criteria you can make an application for an Affected Performance Consideration (APC).**

Example of pin-up layout for ISLAND + MASS



Student Exemplar (4): Final Presentation for ISLAND + MASS



Student Exemplar (5): Final Presentation for ISLAND + MASS

## RESULTS

A (100 - 80%), B (79 - 65%), C (64 - 50%), D (49 - 40%), E (39 - 0%)

Student feedback by arrangement with your tutor during Week 4.