

## ARCHDES 200 | DESIGN 3 | TOPIC OUTLINE | SEM 1 2019

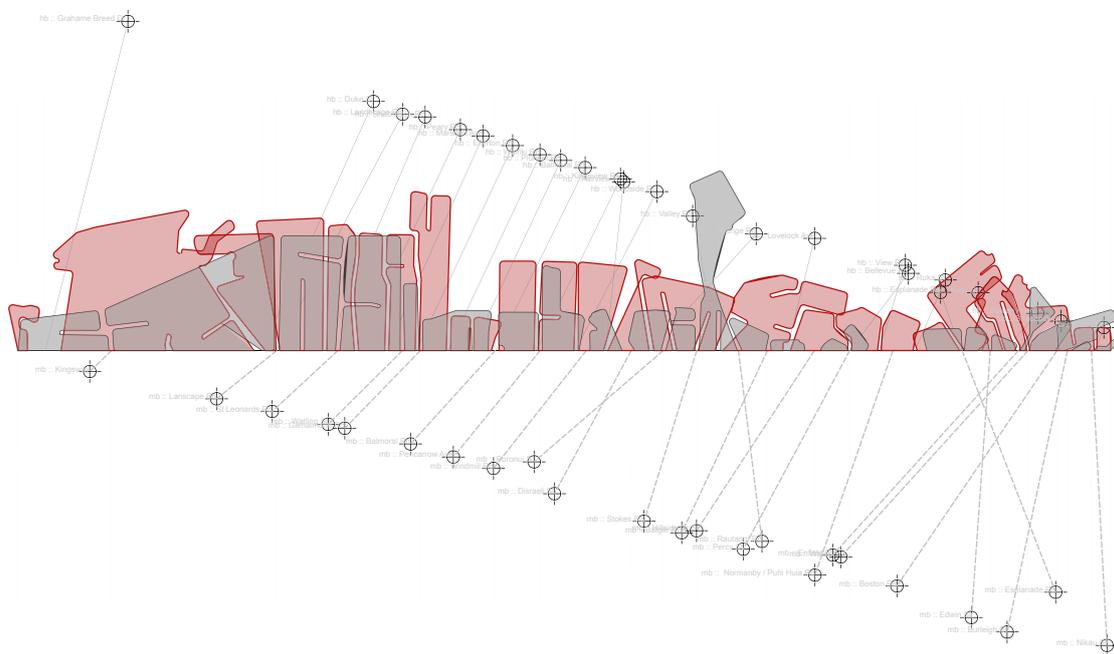
The Domestic: An introduction to those things both familiar and unfamiliar in our understanding of home, family, privacy, identity, and community. Explores both the most intimate and the most exposed aspects of dwelling, and addresses scales ranging from the room to the block.

NICK SAYES | SAYES JACKSON ARCHITECTS

Sayes Jackson (SJA) is an architecture and design studio operated by Nick Sayes, Luke Jackson and team. SJA focus on delivering highly refined products which reflects careful appreciation of brief, time and place. <https://www.instagram.com/sayesjackson/>.

### FIELD CONDITIONS

### SHAPING A HOME FOR A CARTOGRAPHER ON MT EDEN RD



Mt Eden Rd, Straightened | Nick Sayes 2007

## GENERAL COURSE INFORMATION

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Course:	ARCHDES 200   Design 3
Points Value:	30 points
Course Director:	Sarosh Mulla: s.mulla@auckland.ac.nz
Course Co-ordinator:	Kathy Waghorn: k.waghorn@auckland.ac.nz
Studio Teacher:	Nick Sayes, Sayes Jackson Architects
Contact:	<a href="mailto:nick@sayesjackson.nz">nick@sayesjackson.nz</a>
Location:	TBC
Hours:	Tuesday and Friday 1:00-5:00pm

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For all further general course information see the ARCHDES 200 COURSE OUTLINE in the FILES folder on CANVAS.

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## FIELD CONDITIONS

### SHAPING A HOME FOR A CARTOGRAPHER ON MT EDEN RD

“In an increasingly specialised world, architects are the last surviving generalists. With immense quantities of information now simultaneously available, it is no longer access to information that counts, but the ability to process, organise and visualise ... [information] ... that is crucial. Architecture is the art of making something tangible out of the ... stuff that surrounds us.” *Stan Allen*

*Field Conditions* is a concept explored by architectural theorist Stan Allen in “Points + Lines”, 1999. The concept addresses the role of an architect (described above) and the need to resolve architecture that is fitting of both its programme (brief) and context (site).

Thom Mayne of Morphosis (2005 Pritzker Architecture Prize Winner) describes context and program in terms of a “multiplicity of forces” which ultimately define an architecture that it is inherently fitting of its location and purpose. Mayne describes his role in conceptualising architecture as the author of a process which attempts to analyse, organise, abstract, make-sense-of and organise the *forces* at play.

## TOPIC STRUCTURE AND CONTENT

This design topic seeks to explore the “Field Conditions” and the “Multiplicity of Forces” which might effect and influence a house design for a Cartographer which is to be situated along Mt Eden road. This will be explored in four parts:

### **Part 1**      **A Field Condition for Mt Eden Rd**

Identify a *Force* which typifies an Auckland/Mt Eden condition. *Example forces: topography, geographical features, points of intensity, proximity to harbours, housing density, housing form etc.*

Measure, quantify, assess the *Force* as it varies along the length of Mt Eden road. Identify patterns and relationships.

Through drawing or other media map, diagram, abstract, organise and make-sense-of a selected *Force/s* to develop a document visualising **Mt Eden Road's Field Condition**.

### **Part 2**      **A Field Condition for the Project**

The project's site on Mt Eden Rd, a client (cartographer) and domestic brief will be introduced.

Consider how your Mt Eden Rd *Field Condition* applies to the specific project site. Consider how the client and brief (domestic forces) might influence or be influenced by your Mt Eden Field Condition.

Develop a document to visualise a **Project Specific Field Condition**.

### **Part 3**      **A 3D Object to Fit**

Consider the shape of a three dimensional object if to be accommodated within your Project's *Field Condition*. How would the object respond to the field? How would the field respond to the object? How should the object be shaped to 'fit' the field.

Develop techniques/strategies to interpret the *Field Conditions* you have visualised and their effect on three dimensional form. For example, do the forces/conditions translate into push and pull actions to define and sculpt form.

Model (physical/digital) an object fitting of the project's site and brief.

### **Part 4**      **A Domestic Architecture to Fit**

Utilising the information, processes, techniques and strategies developed in Parts 1-3 give shape and material to the Project *Field Condition* as an architectural response.

Factor the project site, the client and their brief. Consider other aspects of housing and the domestic. Comfort, privacy, sunlight, outdoor space ... a place for the client to live.

Aim to be able to demonstrate how it is that your architectural resolve suits your site, client brief and the domestic through the forces and conditions which defined it.

Week	Date	Event
Week 1	Mon 4.3	12:00 All architecture meeting, rm 311. 1:15 Design 3 staff presentations and studio ballot.
	Tue 5.3	Design 3 Studio classes commence.
	Fri 8.3	Introduction to the topic. Being Part 1.
Week 2	Tue 12.3	Part 1.
	Fri 15.3	Part 1.
Week 3	Tue 19.3	Part 1.
	Fri 22.3	Part 1.
Week 4	Tue 26.3	Mini-crit at Sayes Jackson offices.
	Fri 29.3	Review Part 1. Begin Part 2.
Week 5	Tue 2.4	Part 2.
	Fri 5.4	Part 2.
Week 6	Tue 9.4	Design 3 Mid-semester crits.
	Fri 12.4	Review Part 2. Begin Part 3.
MID-SEMESTER BREAK		
Week 7	Tue 30.4	Part 3.
	Fri 3.5	Part 3.
Week 8	Tue 7.5	Mini-crit at Sayes Jackson offices.
	Fri 10.5	Review Part 3. Begin Part 4.
Week 9	Tue 14.5	Part 4.
	Fri 17.5	Part 4.
Week 10	Tue 21.5	Part 4.
	Fri 24.5	Mini-crit at Sayes Jackson offices.
Week 11	Tue 28.5	Review Part 4. Work on presentation material for Final Crit.
	Fri 31.5	(See required production below).
Week 12	Tue 4.6	Work on presentation material.
	Fri 7.6	Design 3 Final Crit.

It is intended that we will run several group critique sessions at the Sayes Jackson offices along with a couple of other residential/domestic architects (from other practices) shall join us. Studio address: Studio 1.11, 317-319 New North Road, Kingsland, Auckland, NZ

The Domestic Series: Tuesdays 4pm – room 311

As part of Design 3 all students from all studios are welcome to join 'The Domestic Series'. These take place on Tuesday afternoons and are short presentations and discussions on the domestic by Design 3 staff and guests.

## RESOURCES

How architecture can connect us, Thom Mayne, TED talk, 2005	<a href="https://www.ted.com/talks/thom_mayne_on_architecture_as_connection">https://www.ted.com/talks/thom_mayne_on_architecture_as_connection</a>
Field Conditions, extract from Points + Lines, Stan Allen, 1985	<a href="http://march1section1.pbworks.com/f/AllenS_FieldConditions.pdf">http://march1section1.pbworks.com/f/AllenS_FieldConditions.pdf</a>
Field Condition Pinterest Board	<a href="https://www.pinterest.nz/nicksayes/field-conditions/">https://www.pinterest.nz/nicksayes/field-conditions/</a>
Making Sense of Maps, Aris Venetikidis, TED talk, 2012	<a href="https://www.ted.com/talks/aris_venetikidis_making_sense_of_maps">https://www.ted.com/talks/aris_venetikidis_making_sense_of_maps</a>
Behind the design of Seattle's library, Joshua Prince-Ramus, TED talk, 2006	<a href="https://www.ted.com/talks/joshua_prince_ramus_on_seattle_s_library">https://www.ted.com/talks/joshua_prince_ramus_on_seattle_s_library</a>
Slime Mold Grows Network Just Like Tokyo Rail System, Laura Sanders, Wired, 2010	<a href="https://www.wired.com/2010/01/slime-mold-grows-network-just-like-tokyo-rail-system/">https://www.wired.com/2010/01/slime-mold-grows-network-just-like-tokyo-rail-system/</a>
Act of Mapping, Instagram	<a href="https://www.instagram.com/act.of.mapping/">https://www.instagram.com/act.of.mapping/</a>
Laws of Simplicity, John Maeda, 2006	<a href="http://lawsofsimplicity.com">http://lawsofsimplicity.com</a>
#MAPS, The architectural plan as a map, The Funambulist	<a href="https://thefunambulist.net/architectural-projects/maps-the-architectural-plan-as-a-map-drawings-by-enric-miralles">https://thefunambulist.net/architectural-projects/maps-the-architectural-plan-as-a-map-drawings-by-enric-miralles</a>

## REQUIRED PRODUCTION

### **Part 1      A Field Condition for Mt Eden Rd**

A document/s (any medium), to a presentation standard, of a Mt Eden Rd Field Condition.

### **Part 2      A Field Condition for the Project**

A document/s (any medium), to a presentation standard, of the project Field Condition.

### **Part 3      A 3D Object to Fit**

A three dimensional model/s (physical and/or digital), to a presentation standard, to fit the project Field Condition.

### **Part 4      A Domestic Architecture to Fit**

Plan/s, Section/s, Elevation/s, Models, to a presentation standard, as needed to demonstrate your architectural resolve.

### **Other      Workings**

Maintain a diary, folder or USB stick of your week to week workings to document your research, development and stuff collated throughout.

## ASSESSMENT AND FEEDBACK

This course is assessed as 100% coursework. Conversational feedback is given throughout the semester. Written feedback, with indicative grading, is given at a date around the mid-point of the semester. All further information regarding assessment is available in the ARCHDES 200 Design 3 Course Outline (on Canvas).

## LEARNING OUTCOMES

**General Course Outcomes:** On successful completion of this course students should be able to:

**Theory:** Demonstrate a critical understanding of the domestic and pursue a consistent line of questioning to uncover architectural opportunity within the familiar, and explore that opportunity through the development of design propositions.

**Architectonics:** Demonstrate abilities to develop the tectonic characteristics of the project through the making of material propositions.

**Performance:** Show evidence of an understanding of how the design proposition behaves as an environment (in terms of light, heat, ventilation ...) and how it responds to and influences the site and spatial context it occupies.

**Form and space:** Show evidence of conceptual and developed design skills in terms of three dimensional formal/spatial composition through the making of scaled 3-dimensional architectural propositions.

**Media:** Demonstrate productive engagement with media specific to the discipline of architecture – plans sections, elevations, perspectives, models – and understandings of their uses and relationships to one another.

**Specific Topic Outcomes:** This studio topic will engage the general course outcomes in the following ways:

**Theory:** Develop an understanding of analytical and process driven architectural design including the relevance of diagramming as a tool in architecture.

**Architectonics:** Develop an understanding of material hierarchy, mass, texture and other properties as a means to express the properties of a form or space.

**Performance:** Develop propositions intended to perform in their specific context.

**Form and space:** Develop an understanding of form/spaces as it relates to its surrounds and accompanying form/spaces.

**Media:** Develop an approach to the use of media as a means of exploring and interrogating architectural solutions.