SUMMER STUDIO CHRISTCHURCH 2014
Common theme: POLYCENTRIC CITY
Design studio project offered by Unitec:
SYDENHAM 2020 - INDUSTRIAL OCCUPATION

Jeanette Budgett & Dushko Bogunovich
Department of Architecture, UNITEC, Auckland
the blueprint
• How might we re-think these environments in sustainable terms?

• How do we increase residential density in such challenging conditions?

• Can we recuperate them or in the case of East Sydenham intervene at a crucial time in the future city’s development?
Sydenham Master Plan


See pg. 29 Sydenham’s economy and commercial heart
32, possible business types
34-37, development sites with multiple ownership
67-68 Landscape values
69 Sydenham historical character
72-74 street setbacks
76-77 design character
**Studio objectives are to ...**

- INVESTIGATE the scale, material and programmatic conditions of East Sydenham.
- EXPLORE the social, cultural, urban, economic and tectonic character of the area.
- PROPOSE a live-work scenario that supports and sustains domestic life within a specifically commercial and urban context.
- INCREASE density to approximately double the existing floor: area ratios (FARs).
**task 1**

- **Form teams of 2-3** to investigate the area bounded by Columbo St, Waltham St, Brougham and Moorhouse St.

- **Each team to investigate with a particular focus**
  - Sydenham history and demographics
  - Landscape values, Hydrology
  - Material Palette
  - Fenestration and Roof Structures
  - Programmatic occupation
  - Vehicular movement and usage
  - Figure Ground investigation,
  - Street section to scale

- **What are the architectural questions generated by Sydenham’s warehouse district?**
• **task 2**

• Select a site. As each site is made up of several properties refine the site outline as a team. You will consider the property boundaries with some flexibility. Pay attention to the street boundary however.

• For Monday 13\textsuperscript{th} 1pm. Apply ALL of the investigation criteria in Task 1.

• Pin up images of the following:
  - Material Palette photographic survey
  - Fenestration and Roof Structures, diagrammatic section and elevations
  - Programmatic occupation
  - Vehicular circulation, plan diagram
  - Figure Ground drawing, Calculate Floor: Area ratio.
  - Permeable/Impermeable surfaces diagram
  - Street section to scale
  - Photographic Survey of immediate context, street elevations of neighbours.

• Draw and print off a site plan to scale at 1:200 with north Point. (Adjust scale if necessary). Have paper, drawing equipment and laptops with you. Be ready to start design work.