

**Unit 2 2006-2007**  
**Multi-Structures**  
**November 21st – July!**

Jeff Turko  
Tom Modeen

**Multi-Structures**

**Collective working**

For this phase of the work and the remainder of the year we will be engaging in collective working formats.

Unit staff will make 4 teams of 5 that will work together on the next phase of work, Urban Structures, and will for the remainder of the year work and have tutorials together on your individual projects.

**The teams will:**

1. Take a name, this will be your collective / team identity.
2. Develop a format to disseminate your teams work and findings.
3. Use each other to sharpen your skills, share your knowledge.
4. Discuss your work critically together. You are your best critique.
5. Work together!

**The teams are:**

1. Mario, Mubina, Bruna, Aras, Jonathan
2. Richard, Carolyn, Eisuke, Franco, Taesik
3. Wilson, Michelle, Ketan, Bara, Anthony
4. Jaspal, Magdalena, Tommy, Chang, Jeremy

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**Multi-Structures, Phase 1**

**Urban Structures**

What are urban scale structures? Is it a building like the millennium dome or a bridge? Is it infrastructure, DLR, underground, busses, etc.? Could it be someone handing out free Metro newspapers? Or is it policies handed down from Parliament or the local council? Some of these structures allow for activities to take place, others are the activities. What they all have in common is that they shape our living environment.

Whether they are material or immaterial.

The unit will be expected to record and demonstrate these structural conditions and how they have shaped the overall site and living environment. And to speculate where the intervention of new housing may be strategically placed within the urban fabric and why.

**Site:** Isle of Dogs

The frame of the area is the Thames on the east, west and south sides of the peninsula and the DLR from the north.

**The aims** of Phase 1:

1. To clearly understand what structures exist on and make up the region of London known as the Isle of Dogs.
2. To define what urban structures are and how they impact our living environment.
3. To build common and individual agendas around the issues of urban living to apply to the given brief.
4. To locate potential sites/ locations to site your housing propositions.

**Techniques**

You should use the following to complete this phase of work.

1. modeling, large scale site models, relational models, sectional models.....
2. drawing, diagrams, axonometrics, plans, sections.....
3. Photography.....
4. Mapping
5. Drawing and modeling to scale is very important at all phases of work for the remainder of the year.



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**Multi-Structures, Phase 2a & 2b**

**Living Structures, Multi Family Dwelling**

After previous years of exploring the typologies of the villa and the private house this year the unit demands the engagement of more social content and issues of dense urban living. We will do this through the typology of the Multi Family Dwelling. With the condition of rising land costs in cities but with inhabitants that demand the living space of a family house rather than a flat, this typology opens the possibility to explore a new way of urban living.

**Phase 2a**

This phase will run simultaneous to Phase 1!

In this phase you will start to develop your individual thesis interests around the subject matter of the multi family dwelling, the Urban Structures phase 1, and the single person dwelling material systems projects.

This is a very important stage in the years work. this is when you should all be defining your interests and aims clearly.

What this phase can allow for is a more defined criteria for you to make design decisions on in the very near future. Such as;

1. What kind of site to choose
2. What kind of space to provide
3. What materiality to use

This will also fill out the generic brief that you will be given for the Multi Family Dwelling.

This is an information gathering and speculative strategizing moment, but do not see it as just collecting photocopies and print outs from the web. You will be expected to disseminate your findings and criteria through your own drawings, models, and descriptive graphic techniques.



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**Multi-Structures, Phase 2a & 2b**

5 units minimum the units must touch (no freestanding units or bungalow conditions) and all five units must be located on the same plot or area are the only defining guidelines. Within these guidelines we will explore how the urban structures of the site and the structure of material can open up new ways of interpreting and making space.

**Phase 2b**

This is the phase that you will be producing your individual architectural vision and project.

**Multi- Family Dwelling brief**

1. 5 living units minimum
2. The units must touch in some way
3. All 5+ units must fit on the same plot

**Individual unit size**

The range of unit size is 150 sqm minimum to 300 sqm maximum. This is the range of size for the individual units.

**5 unit range of size**

The range of size for all 5 units is 750 sqm minimum to 1500 sqm maximum. If you intend to go beyond the 5 unit size you will have to calculate that based on the individual unit sizes you intend to work with.

**Individual units must contain the following programs**

Master bedroom 1  
Bedrooms 2  
Bathroom w/ c 2 minimum  
Kitchen 1  
Living room / sitting room 1  
Services rooms, laundry, storage, boilers, etc....  
Garage / car park  
Outdoor space, garden etc.. (this is not part of the individual unit size)  
You may also make additional programmatic additions to the ones above.

You will need to define the sqm sizes of these !

