

ADAPTING PRESENCE / PRESENT ADAPTING

Design Studio 4.1 – Spring Semester 2011

Department of Architecture, Seoul National University

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1.0_Course Abstract



Euljiro Area of Seoul

You have to begin to lose your memory, if only in bits and pieces, to realize that memory is what makes our lives. Life without memory is no life at all . . . Our memory is our coherence, our reason, our feeling, even our action. Without it, we are nothing...

Luis Buñuel

STUDIO DESCRIPTION

Seoul is constantly changing. The present change is a constant expansion of the city outwards towards the periphery. Is this condition inevitable or are there other models? In this studio we will seek to find a new model which considers two points:

PRESERVATION

Retain and work with an existing building, Sewon Sanga, an icon of the 1970s which will soon be demolished and replaced with a generic, glazed modern architecture that is inundating the world from Dubai to Phoenix via Hanoi.

STOP THE SPRAWL

To present another viable option to the sprawling city, we will seek to introduce a new public programme into the existing building as to make the building centre for people all around Seoul, from children to pensioners.

SITE

The site for this semester will be the area surrounding the soon to be demolished Sewon Sanga complex in the heart of the old Seoul.

PROJECT

Students will have to design a proposal that reinvents a new role for the existing megastructure building. How can the building be retained, modified, adapted to continue to exist in the present.

PRESERVE BY MODIFYING

- Preservation can be done by adding, modifying and demolishing not simply by KEEPING.
- What is important is that the context is understood

CONTEXT

- Sewon Sanga is unique as it comprises the whole DNA of Seoul.
- To the north you have the Confucian Jongmyo Shrine, whose original building dates back to 1394
- Cheonggyecheon river
- Euljiro Market electrical/metal work/ lighting/etc...
- Internal programmatic layout of the centre

PROGRAMME

INSTITUTION

Students will have to design a new Institution, a public institution that questions the role of education, culture, health, leisure, religion and other public aspects in relation to the city.

The institution can be public or sponsored by a philanthropist, but must question the role of establishing a new centre parallel to the Pompidou Centre in Paris or the Lingotto centre in Turin, two case studies that we will look at.

Students will have to question the concept of Institution:

Academy/association/asylum/business/clinic/college/company/conservatory/establishment/foundation/hospital/school/seminar/system...

2.0_Modus Operandi

All students in my studio will be expected to work in the following way:

1.0 MODELS

- All models will be digital or fabricated from digital models
- 3D Models will have to be in Rhino
- Physical models will be fabricated from the laser cutter or 3D printer

2.0 DRAWINGS

- All plans and sections will be in Autocad
- Other drawings will be fabricated using the Rhino model
- Drawings will have to be animated using renders and photoshop

3.0 PRESENTATIONS

- All students are required to present their work in a special format booklet
- The dimensions of the booklet are 50x50 cm
- This booklet should work as a book and hence has at the end of the semester should be edited as a booklet.
- The graphic composition of the layouts is free, but we require students to use the following font for text and labelling: "Arial Normal"/"Arial Black" ONLY
- Student will be required to edit their panels in INDESIGN ONLY, this will be compulsory.



50x50 Presentation Format

3.0_Schedule

Note

The studio design classes will be on Tuesday and Friday afternoon, specific times to be arranged by each professor.

A. MATERIAL STRUCTURE

Week_1	Site visit/ Task #1_1:1 Structure, Group work
Week_2	WORKSHOP, 1 week collaboration with Graz University Students
Week_3	Task #1_Final presentation of structure Project

B. SITE

Week_4	Task #2_Site Analysis 1:1000 > DRAWING/3D DIGITAL MODEL
Week_5	Task #3_Site Programme 1:500 > AXONOMETRIC
Week_6	Task #3_Site Programme 1:200 > SITE MODEL

C. CONCEPT

Week_7	Task #4_Architectural Concept 1:500 > MODEL
Week_8	Task #5_Architectural Programme 1:200 > DRAWINGS
Week_9	Task #6_Architectural Project 1:200 > MODELS, PLANS, SECTIONS

MID SEMESTER REVIEW 11.04.30

D. DEVELOPMENT

Week_10	Task #6_Model 1:100 I
Week_11	Task #6_Model 1:100 II
Week_12	Task #7_Drawing Set

E. FINAL PRESENTATION

Week_13	Task #8_Design Report 50 X 50cm
Week_14	Task #9_Presentational Material I
Week_15	Task #9_Presentational Material II

FINAL JURY 11.06.25

4.0_Tasks

Week 1_1:1 Structure

Group work (groups of three/four students max)

Duration 3 weeks



We made a basic unit by twisting two BSE BRAs, and made a triangle, connecting three basic units.
We piled four triangles and reinforced it with four more BRAs. Then we placed another twisted units in the middle of the triangles.
We unfolded the cups of BRAs using the shoulder straps to make a force for sitting from both directions.



final BRA structure 1
diagonal couch bra

Material Group Project 2010, SNU

Description

- Visit the site and its complex array of connected markets, shops and workshops.
- Search for a material, ONLY ONE, like:
- Rubber bands, plastic sheets, plastic rings, thread/cord, metal sheets, wood, electronic LEDs, lamps, cardboard boxes, bags, cloth, sheets of fabric, wool, cups, trays, etc...
- Create a structure
- Think about what a structure is. Spatial structure, performing structure, and so on...

Deliverables

- Construct your group 1:1 piece,
- record the process and final piece in two A1 landscape format layouts.

Week 2_Workshop

Group work

Duration 1 weeks



Workshop enviroment

Description

- Friday 11.03.11 @ 14:00 until Thursday 11.03.17
- Students will work in groups
- The workshop will be held in the 5th Floor lobby

Deliverables

- Each studio will explore a specific notion of DENSITY & ...
- All studios will address the issue of density connected with another topic, e.g. Density and Institution
- The 6 day workshop will have a lecture series, with a lecture happening every night from Friday to Thursday including Saturday and Sunday
- COLLAGES/MODELS/RESEARCH/SKETCHES

Week 3_Structure Presentation

Group work

Duration 1 weeks



Final Presentation Structure Project

Description

- Group presentation of all objects in main hall
- Description of how the structure created

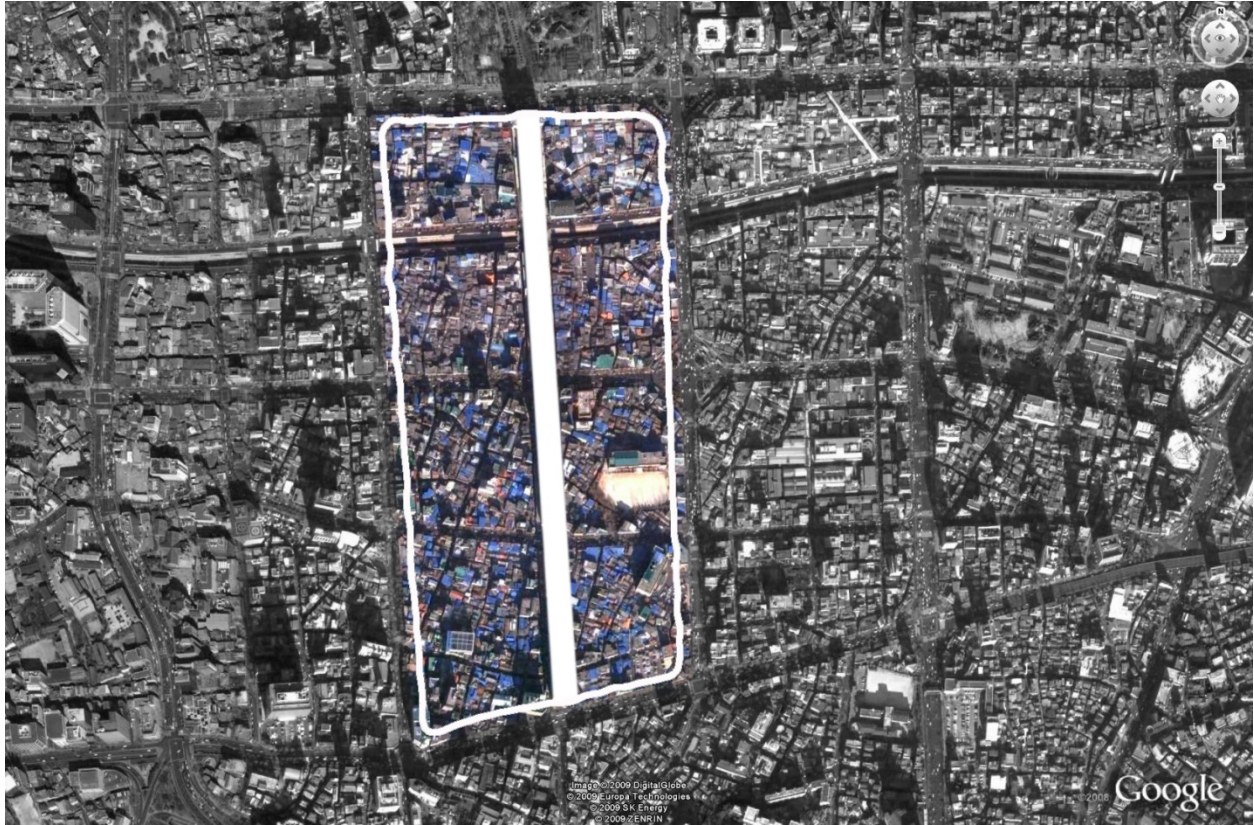
Deliverables

- 1:1 Structure

Week 4_ Site Analysis

Individual work

Duration 1 weeks



Outline of the site

Description

- Study the site from a macro perspective
- What is the role of the site with its surroundings on a wider scale
- What is the impact of the site
- Research the history of the site
- How did all the workshops settle here
- Are the developments all legal, or simply accepted and there is no planning

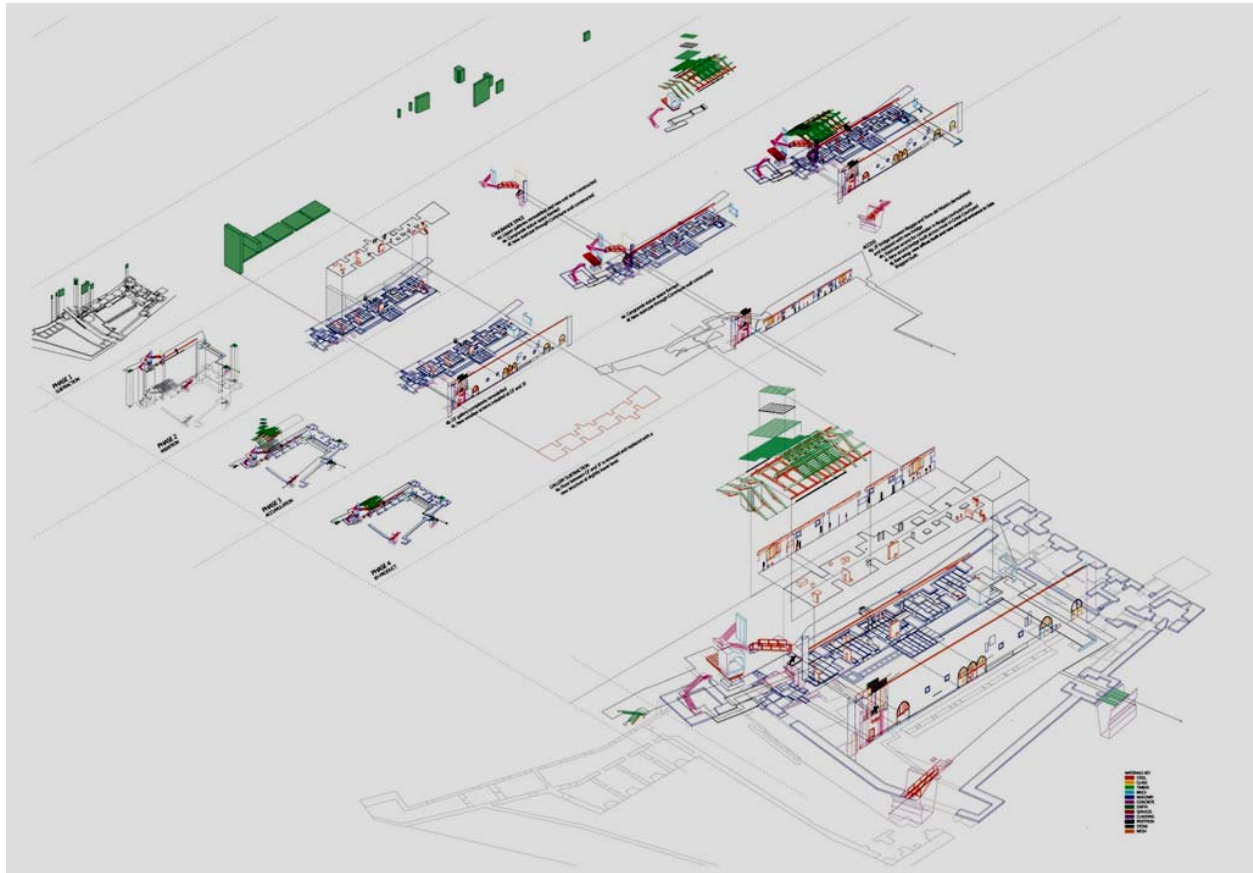
Deliverables

- Analytical drawings and diagrams showing the role of the site

Week 5_ Site Programme Axonometric

Individual work

Duration 1 weeks



Axonometric of the site's programme, broken down

Description

- Specific axonometric of the mega-structure
- Breakdown of all the various programmes within the building and the adjacent site

Deliverables

- 1:500 Axo

Week 6_ Site Programme Model

Individual work

Duration 2 weeks



Site Model

Description

- Site model 1:200 of the existing programme and infrastructure

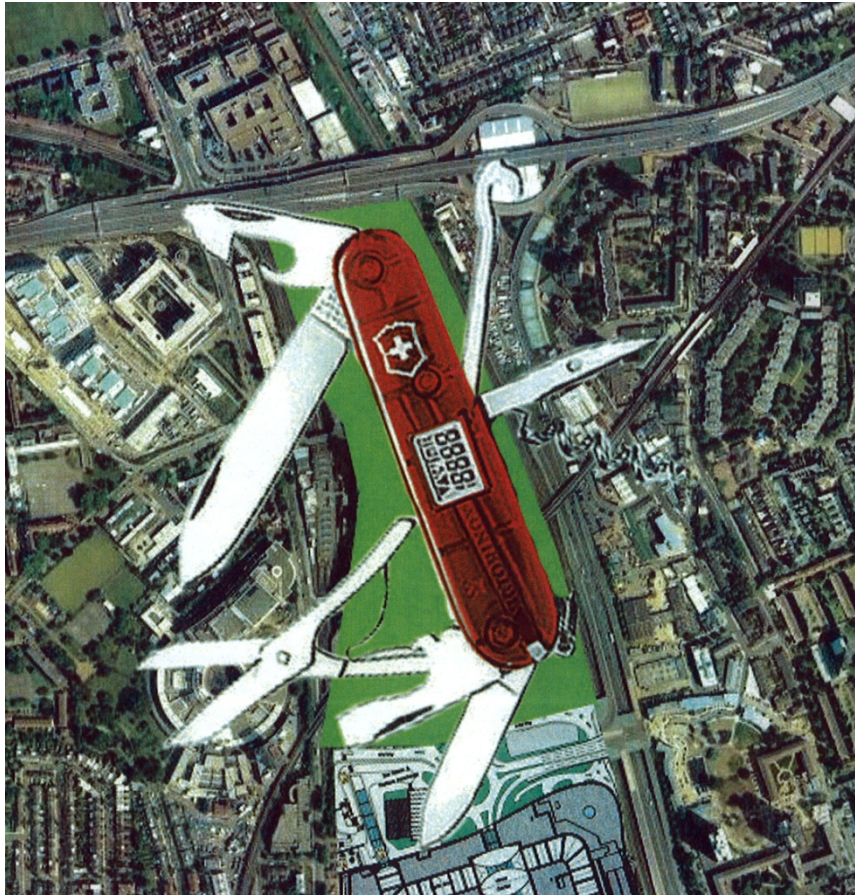
Deliverables

- Models 1/500 and 1/200
- Breakdown of components drawing

Week 7_Architectural Concept

Individual work

Duration 1 week



Example of detailed structural models

Description

- What is your architectural concept?
- What is the ambition of your scheme and how does it address the studio brief of preservation and density?
- How do the existing structures and new structures complement each other?

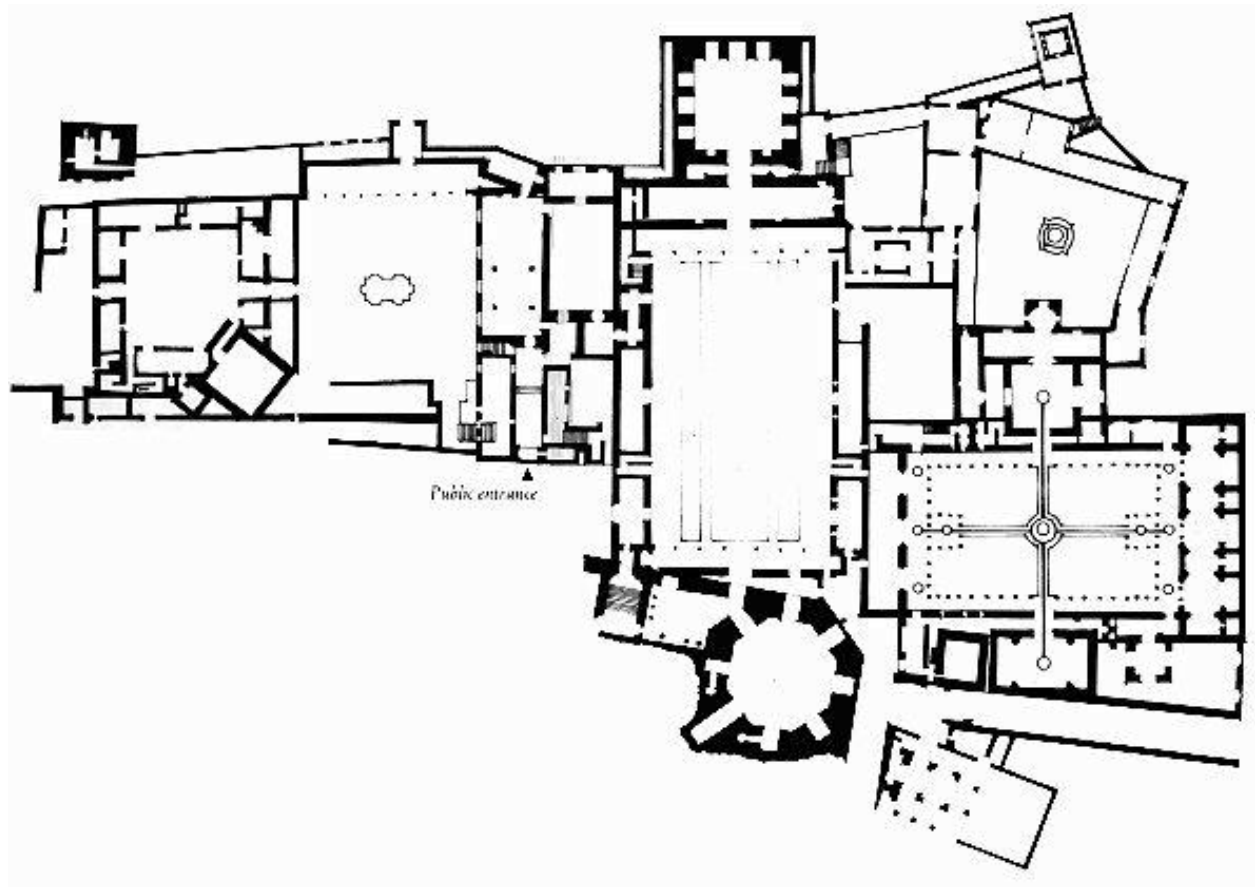
Deliverables

- Rough conceptual models 1/500 and 1/200
- Breakdown of components drawing

Week 8_Architectural Programme

Individual work

Duration 1 weeks



Layout Drawings

Description

- Drawings of the programme
- How does the programme fit into the existing
- Drawings of the programme and the surroundings

Deliverables

- 1:200 Drawings set
- Plans, Sections,

Week 9_Architectural Project

Individual work

Duration 1 week



Project Model

Description

- Model 1:200 of Proposal including context

Deliverables

- Model existing and proposed

INTERIM REVIEW

Individual work



Midterm Review wall layout in main Lobby at SNU

Description

- The objective of the review is to evaluate the status of the project and receive valuable feedback for its future development.

Deliverables

- All layouts to be 50 x 50
- Models at the required scales > 1:1000 Site / 1:500 Specific Site / 1:200 Concept Models

Week 10 > 12_Project Development

Individual work

Duration 3 week



Process work

Description

- Structure
- Circulation
- Materials
- Access: Disabled and Logistic

Deliverables

- Drawings and Models

Week 13 > 16_ Final Presentation

Individual work

Duration 3 week



Description

- Internal and external views of the final proposal

Deliverables

- Images printed large scale, A1 full bleed.

FINAL REVIEW

Individual work

Date to be confirmed



Description

- The end of the journey
- Verbal and visual presentation to be prepared and choreographed

Deliverables

- 9 x A1 panels selected from the A1 layouts produced during the semester