Architecture of the Interior MSc 4 Graduation Studio
The Place of Work - P5 Presentation
Tutors: Mark Pimlott, Marco Parravicini, Laura Alvarez

FOURTH FLOOR PLAN 1:400

EIGHTH FLOOR PLAN 1:400
ARCHITECTURE OF THE INTERIOR MSc 4 Graduation Studio

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PROGRAM PROPOSAL OF 1:500 MODEL

PROCESS OF DESIGN

WU Qijing
4295870

PROGRAM OF DESIGN

ENTRANCE GARDEN IN WEST-EAST SIDE OF BUILDING

12-18TH FLOORS
OFFICES
INFORMAL MEETING SPACE
MEETING ROOMS

11TH FLOORS
COURTARDS

10TH FLOOR
RESTAURANT

PLATFORM

8TH-10TH FLOORS
GROUP OFFICES
INFORMAL MEETING SPACE
MEETING ROOMS

4TH-6TH FLOORS
MEETING CENTER

1ST-6TH FLOORS
EXHIBITION CENTER

5TH-7TH FLOORS
VIP CENTER

GROUND FLOOR-1ST FLOOR
IND CENTER

GROUND FLOOR
PASSAGE
RETAIL
CAFE
ENTRANCE GARDEN
ENTRANCE LOBBY

COURTYARDS IN UPPER VOLUME

CUT IN MIDDLE LEVELS

ORIGINAL BUILDING

EAST FACADE 1:500 MODEL

TOP VIEW FROM 12TH FLOOR 1:500 MODEL

PERSPECTIVE VIEW 1:500 MODEL

WEST FACADE 1:500 MODEL

TOP VIEW 1:500 MODEL

EAST FACADE 1:500 MODEL

PERSPECTIVE VIEW 1:500 MODEL

PERSPECTIVE VIEW 1:500 MODEL

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**HEAT EXCHANGER**

Main entrance of fresh air. Cooling air before it enters the building, using exhaust air to cool water and store heat in aquifer.

**HEAT STORAGE**

Stores heat from waste heat of exhausted air.

**COOLING STORAGE**

STORES COOLING FROM WASTE COOLING OF EXHAUSTED AIR.

**SUMMER**

*Fresh Air*  
*Exhausted Air*  
*Heating System*  
*Cooling System*

**WINTER**

*Heating System*  
*Cooling System*  
*Exhausted Air*  
*Fresh Air*

**DOUBLE FACADE**

At west side, double facade is used for blocking heat inside.

**CLIMATE DIAGRAM**

**TYPICAL OFFICE ROOM**

**TYPICAL GROUP OFFICE ROOM**
<table>
<thead>
<tr>
<th>Material/Construction</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Sheet metal capping:</strong></td>
<td>2mm. Sheet aluminum capping, 4mm. Sheet aluminum clip, 4 mm. Bitumen waterproofing, 2-ply.</td>
</tr>
<tr>
<td><strong>Façade construction:</strong></td>
<td>Vertical timber boards, 20x230 mm. Battens, 20 x 40mm. Vapor-permeable paper. Thermal insulation panel, 75mm.</td>
</tr>
<tr>
<td><strong>Insulation glazing:</strong></td>
<td>Toughed safety glass, 6mm. Cavity, 12mm. SGG PLANICLEAR clear glass combined with SGG COOL-LITE SKN 165, 6mm.</td>
</tr>
<tr>
<td><strong>Steel beam:</strong></td>
<td>HEB 260, 260 x 260mm. HEB 400, 400 x 300mm. Steel angel, 200 x 100mm.</td>
</tr>
<tr>
<td><strong>Suspended natural wood ceiling system:</strong></td>
<td>1800 x 80mm.</td>
</tr>
<tr>
<td><strong>Floor construction:</strong></td>
<td>Concrete finish floor with heating system separating layer, 80mm. Insulation 80mm. Reinforced concrete. Hollow Core Slab - 5 core, 220 mm depth.</td>
</tr>
<tr>
<td><strong>Floor construction:</strong></td>
<td>American walnut floor boards, 20 mm. Heating system separating layer, 60mm. Reinforced concrete. Hollow Core Slab - 5 core, 220 mm depth.</td>
</tr>
<tr>
<td><strong>Indoor single glazing with wood frame</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Steel truss section:</strong></td>
<td>400 x 300 x 9mm. Steel beam, HEB 550, 550 x 300mm. Return air duct.</td>
</tr>
<tr>
<td><strong>Sunshade:</strong></td>
<td>6mm wide stainless steel strips with stainless louver.</td>
</tr>
<tr>
<td><strong>Balustrade:</strong></td>
<td>2 No.10mm lam. Safety glass with stainless steel handrail.</td>
</tr>
<tr>
<td><strong>Stiffening glass mullion:</strong></td>
<td>124 x 50mm.</td>
</tr>
<tr>
<td><strong>Glazing:</strong></td>
<td>Toughed safety glass, 8mm. Insulation glazing: Toughed safety glass, 6mm. Cavity, 12mm. SGG PLANICLEAR clear glass combined with SGG COOL-LITE SKN 165, 6mm.</td>
</tr>
<tr>
<td><strong>Decoration screen:</strong></td>
<td>Fixed to floor and ceiling with steel sticks, 40 x 60 mm.</td>
</tr>
<tr>
<td><strong>Ventilation flap</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Main column of Steel truss:</strong></td>
<td>300 x 400 x 9mm.</td>
</tr>
</tbody>
</table>