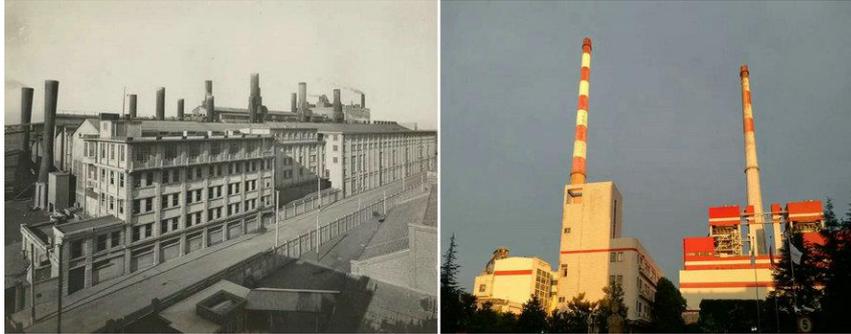


The Power of Power

The Conservation and Reuse Design of the Shanghai Yangshupu

Power Plant



The Shanghai Yangshupu Power Plant

1. Background

Shanghai Yangshupu Power Plant locates at No.2800 Yangshupu Road, Shanghai, it was built in 1913 and was invested by British merchants. It is adjacent to Huangpu River. The plant is an outstanding historical building in Shanghai and an important industrial heritage in China as well. It is currently in a state of suspension, and is planning to enter a transitional phase as the demand for urban renewal.

2. Objectives

- (1) Theoretically understand the concepts of industrial heritage conservation and reuse. Explore industrial sites from the dual perspectives of industrial heritage conservation and urban planning, thus cultivate an overall architectural view.
- (2) Field research, combined with case studies, propose functional positioning and cultivate pre-planning capabilities.
- (3) Combing the process of 'cognition-explanation-evaluation-rebirth'. Consider the environment, transportation, external connection in-depth.
- (4) Transforming an important factory building and ancillary structures into a public building.

3. The contents

- (1) Conduct field research in groups to complete the compilation of current status data. Complete the conservation and environment renewal design in a certain area.
- (2) Independently complete the research report on different aspects of the selected research base.
- (3) Complete the design of the reuse design of a historic factory independently.

4. The time schedule

Week 1 - Week 3

Project understanding, Sino-German student cooperation, site survey, short-term summary;

Week 4 to Week 7 (3-4 students per group)

Case studies, urban planning level proposal;

Week 8 to Week 9

Group environmental analysis and remediation design of selected areas;

Week 10,

Mid-term evaluation

Week 11

Expert lecture

Week 12 - Week 16

A historic factory utilization design (individual work)

Week 17

Expert lecture

Week 18

Final defense

5. The design drawings' requirements

(1) The drawing size is A1; the performance method is not limited, and the working grass model is encouraged.

(2) A copy of the electronic file, classified as follows:

- Design result file: Drawing JPG format, precision 300dpi
- Design process files: Hand-drawn sketch scans, working draft photos, Sketch Up models, and more.
- Research documents: location survey photos, related case visit photos, related analysis diagrams
- PPT, no more than 15 minutes

6. References

[1] Harvey M. Rubenstein. Li Jiakun translation. 2002. Building site planning and landscape construction guide project. Dalian: Dalian University of Technology Press.

[2] Research Report The Getty Conservation Institute, Los Angeles. 2010. Assessing the Values of Cultural Heritage.

[3] TICCIH. 2003. Nizhny Tagil Charter for the Industrial Heritage.

[4] Yu Kongjian, Pang Wei. 2008. The beauty of the foot culture and the beauty of the weeds: the

exploration of industrial land recycling design, the case of Qijiang Park. Beijing: China Building Industry Press.