

世博园木结构咖啡厅设计

项目团队 / Project Team Members

建筑设计：肖子颖、李鼐文
结构设计：朱翌、罗晶、李璐瑶
指导老师：李征
代表学校：同济大学

Architecture: XIAO Ziying, LI Naiwen
Structure: ZHU Yi, LUO Jin, LI Luyao
Advisor: LI Zheng
University: Tongji University

项目介绍 / Project Introduction

本项目基地选址位于上海市世博会园区内一老码头上。该基地处于未来上海市的城市规划发展的中心区域，是未来市民文化活动的中心位置。但是当前该片公园区域的基础设施建设尚不完善。因此，本项目团队选择了该片区域作为本次木结构咖啡厅的基地。该片基地主要有两大特色。一是长条形的沿江码头，以及与之相应的沿江观景面；二是老码头本身以及其周边保留老厂房建筑（世博大舞台）等均具有非常浓厚的旧工业气息。

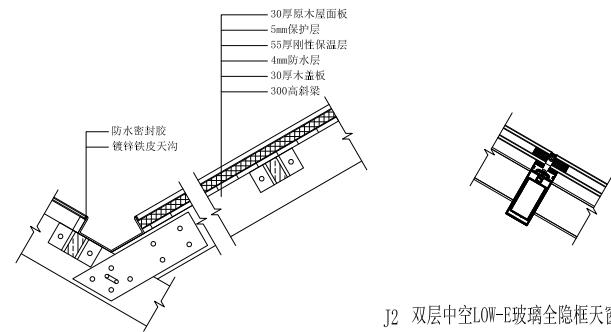
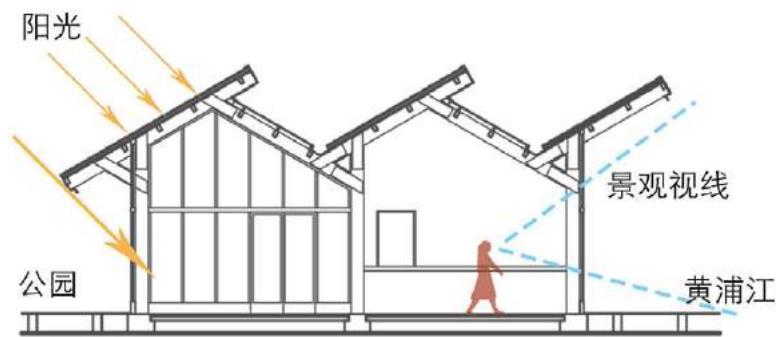
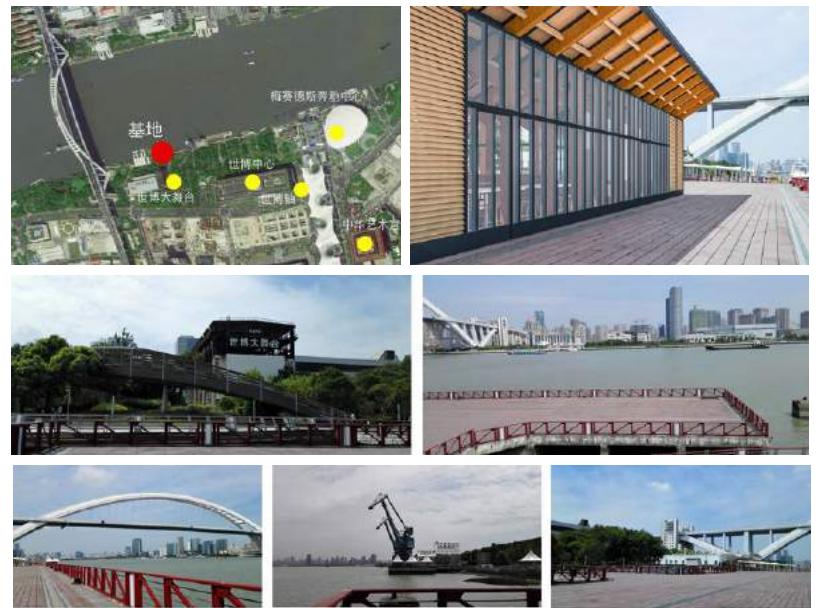
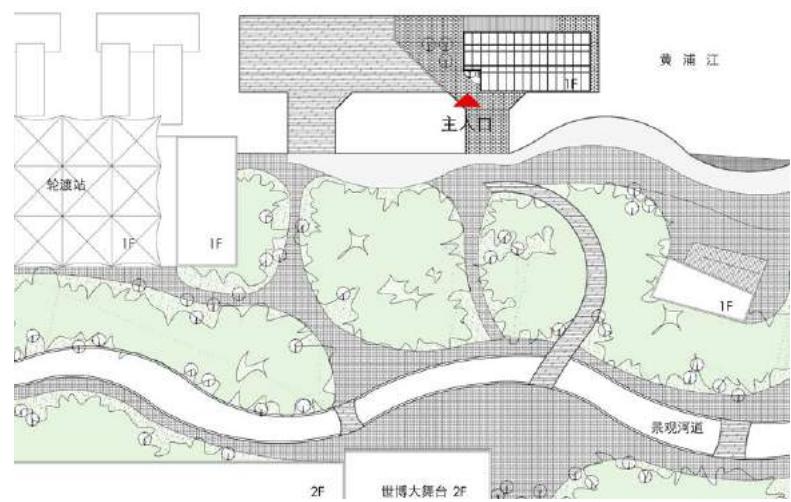
本方案设计正是基于这两大基地特色而生成的。方案通过巧妙利用三刚片法则建立起结构单元，并借用相同的法则将单元形成新颖的平面单榦结构。在此基础上，方案又利用单层厂房的结构构成方式将单榦结构，沿长条形基地组装成长条形的建筑体。不仅契合整体景观观景面，还呼应了基地本身的旧工业气息。整体而言，建筑结构更是展现了，新颖单榦和传统厂房生成逻辑之间的新旧交融之感，无疑是契合该基地文化底蕴的。

This project is located on an old dock inside the EXPO Park in Shanghai. The EXPO Park area will become the central cultural recreation center for future residents of Shanghai according to the urban planning. However, this park still lacks fundamental cultural recreational facilities, such as cafes and restaurants, to serve its role in the future. Thus, building a timber strucure cafe here is a profitable great choice. The dock itself is rectangular and is a great place to appreciate the attracting scinery along the Huangpu River. Beside, the surrounding buildings are all old factories, which give this dock area an atmosphere of the old Shanghai industry district 30 years before.

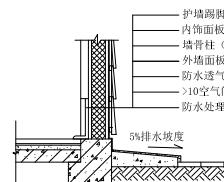
The design of this project is based on the characteristic of the dock area. The overall configuration is based on the arrangement of traditional one story factory, which fit in well with the rectangular layout of the dock and the atmosphere of old Shanghai industry. But the plane frame system, which is the component of the overal system, is an innovative and new disign. Together, the design is a combination of old and new and reflects the characteristic of Shanghai.



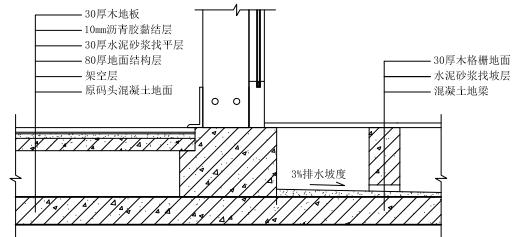
建筑设计 / Architecture



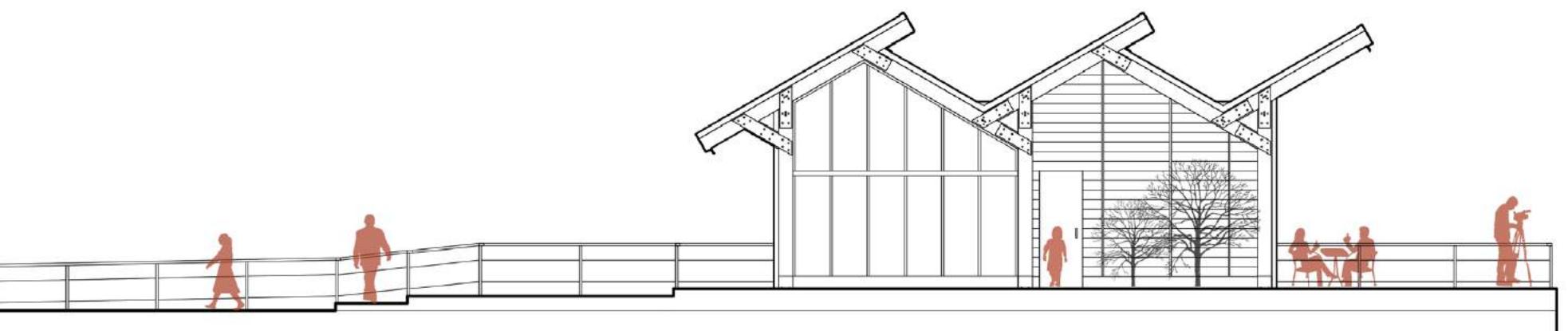
J2 双层中空LOW-E玻璃全隐框天窗 1: 5

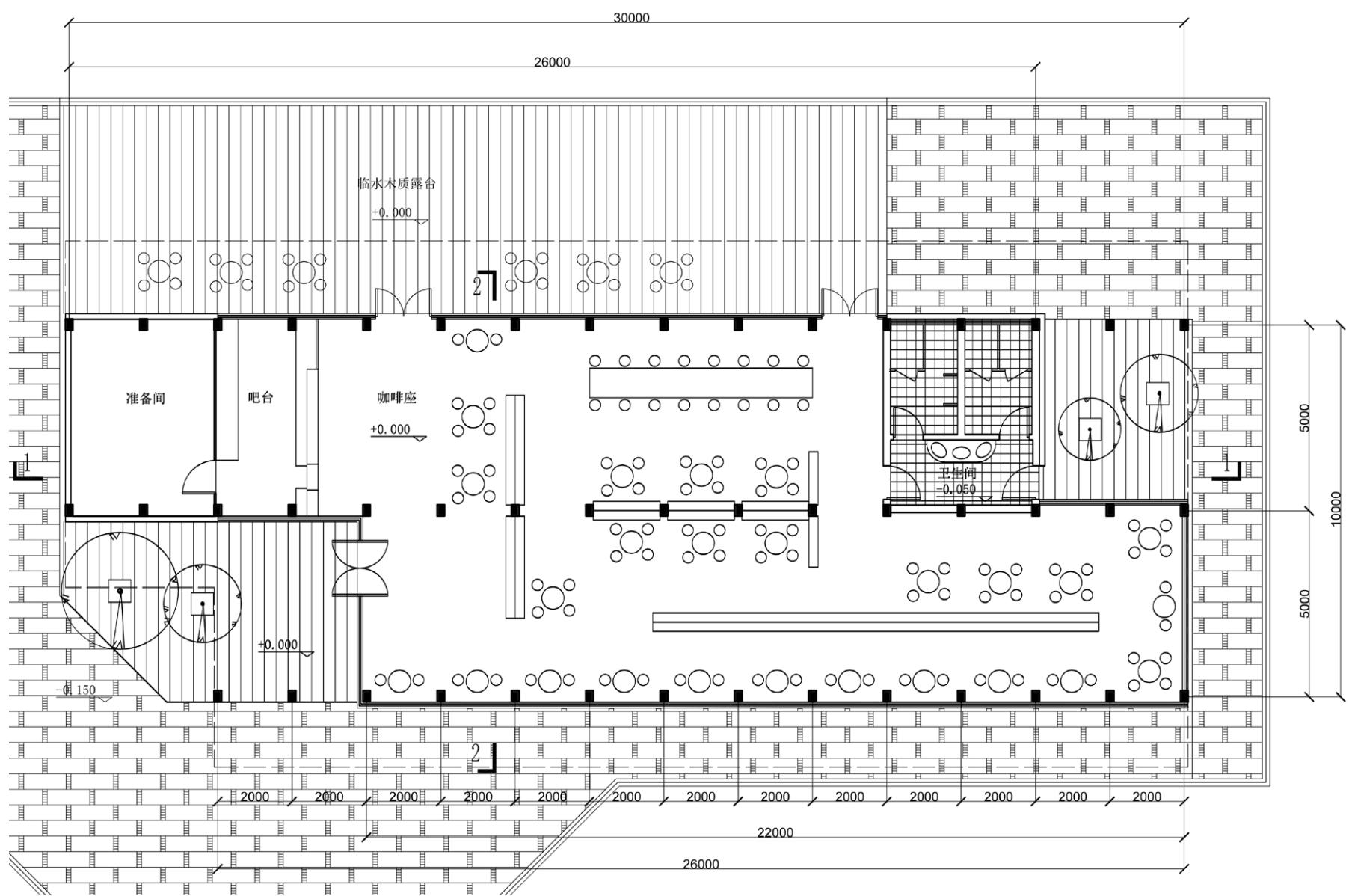


J3 外墙细部 1: 20



J4 室内外地面细部 1: 20





结构设计 / Structure

