丝木花语

银川花博园门建筑设计

北京林业大学材料科学与技术学院

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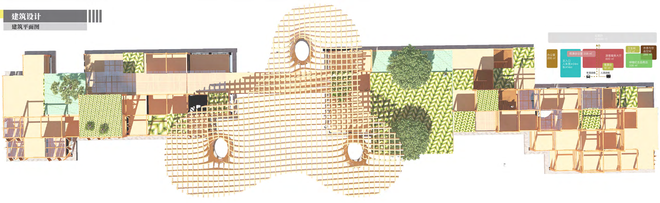
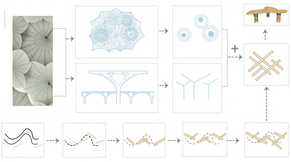
花博园中轴线延展最长大目测约，因面对工业园入口，总宽度26m，于入口处入口分流，宽度不到7.5m，16m，人行道宽10m，考虑到风景区人流较大，一层设4个楼梯，根据功能需求，设置游客服务大厅、售票厅、观演与会议室、特惠纪念商店、咖啡厅、办公室、儿童娱乐空间、交通空间、卫生间。

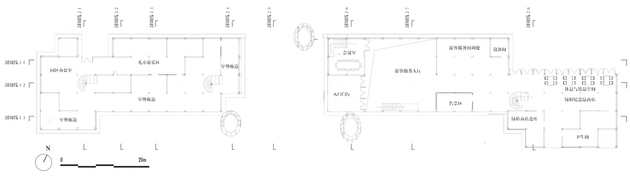
建筑设计
建筑平面图



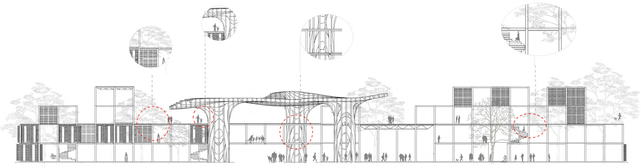
建筑设计
建筑造型设计构思



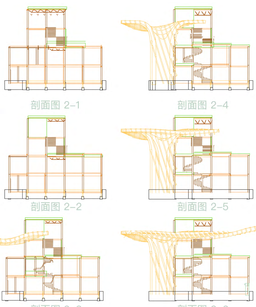
建筑设计
建筑效果图



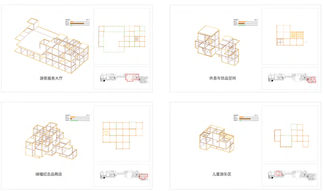
建筑设计
建筑立面图



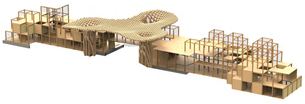
建筑设计
建筑剖面图

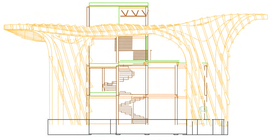


建筑设计
建筑功能分区

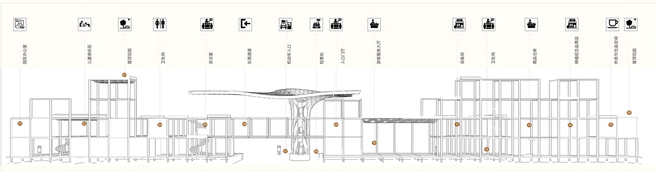


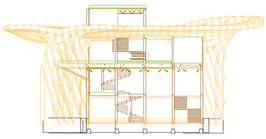
建筑设计
建筑轴测图



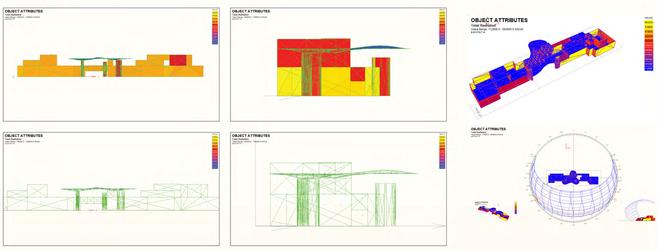


建筑设计
建筑剖面透视图

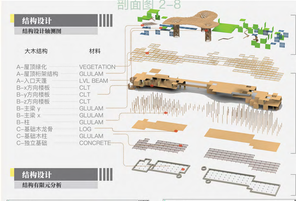




节能设计
ECOTECT 节能分析

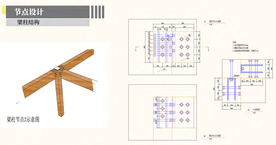


结构设计
结构设计轴测图

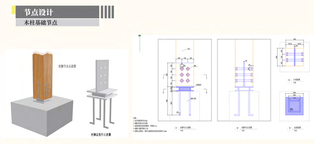


大木结构	材料
A-屋顶绿化	VEGETATION
A-入口天梁	GLULAM
B-x方向楼板	LVL BEAM
B-y方向楼板	CLT
B-z方向楼板	CLT
B-主梁 y	GLULAM
B-主梁 x	GLULAM
B-柱	GLULAM
C-基础木桩骨	LOG
C-基础木柱	GLULAM
C-独立基础	CONCRETE

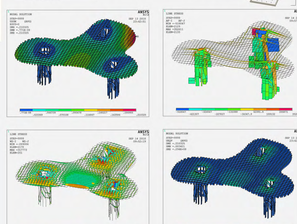
节点设计
梁柱结构



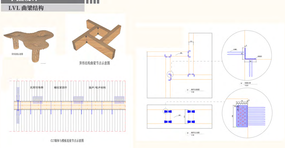
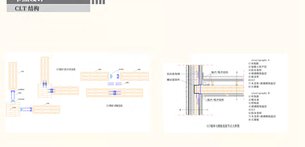
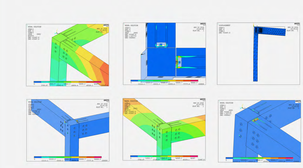
节点设计
木柱基础节点



结构设计
结构有限元分析



节点设计
LVL 横梁结构



节点设计
CLT 结构