

城南中学 1#教学楼施工组织设计

目

摘 要

城南中学 1#教学楼一经落成，可为学校师生学习和工作营造更加良好的环境。本按在设计前就旨在外廓式“L”型与内廓式“一”型两种建筑形式优劣做了研究，本项目设计为一幢采用“1”字型建筑形式的教学楼。结合城南中学所处城市工程地质结构以及该教学楼主要功能定位，为最大化发挥该教学楼的功能，针对该建筑物外观结构、系统构造、服务定位以及四周环境等要素进行优化整合，打造一座集合合理、高校、舒适及便利为一体的现代化教学楼。

本方案设计严格遵循“先整体后局部”、“先主体后附属”、“先主要后次要”设计理念，全方面呈现了该建筑各个部位具体尺寸及要求，为后期实现科学化、准确化以及高效化施工奠定重要基础。本教学楼的建成将会为广大学子提供一个温馨舒适的学习环境。

关键词：建筑设计；结构设计；方案比较；教学楼

Abstract

The no.1 teaching building of Chengnan Middle School is the building that provides the best environment for teachers and students to work and study. By comparing the advantages and disadvantages of the outer "L" type and the inner "I" type, the design of this project is determined to be a teaching building in the form of "I" type. By investigating the engineering geological conditions of the city(Chengnan Middle School has locate) and the functional requirements of the teaching building, in order play maximizing of its use function. According to the structure of building, system construction, service location and surrounding environmentof the building, a modern teaching building with reasonable, university, comfort and convenience will built.

The design calculation follows the principle of "the whole before the part, the main body before the subsidiary, the main body before the secondary", which clearly shows the size requirements of each part of the building and makes full preparations for the accurate and efficient construction. After the study building build it will service more and more students with a warm and comfortable learning environment..

Key words: Architectural design; Structural design; Comparison of schemes; The teaching building

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