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Study on the Regulatory Detailed Planning in Mountainous Cities

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Introduction

The regulatory detailed planning is an important sector to implement urban master planning, to rationally regulate and control the urban space and land resource, to guide the construction and development of the urban infrastructure and space environment [1]. The urban space shaping of the mountainous city is subject to the regulatory detailed planning. Because of the specific topography of the mountainous city, there are some differences on its compilation of the regulatory detailed planning compared with that of other type of cities.

Chongqing is a metropolis built in a mountainous area with complicated terrain conditions, with the Yangtze River & Jialing River rushing past the urban area and Zhonglian Mountain and Zhenwu Mountain running through the North and South. Since the establishment of Chongqing municipality, focusing on the establishment of a modern city with the characteristics of the “mountainous city” and “river city”, the large-size initiation of the planning compilation has generally enabled Chongqing to become a typical mountainous city with abundant landscape garden resource and well-arranged 3D space through many years’ practice. A lot of practice and experience on the planning compilation have served as the reference to other mountainous cities.

Actuality Investigation and Analysis

The urban planning emphasizes on investigation and research, especially for the detailed planning. As for Chongqing, such a mountainous city with complicated topography, hydrology, geological conditions, different vegetations, soil types and other natural environment actuality, and due to the different occurrence of its economic development and urban construction, various areas of Chongqing are all different in respects of population, land character, land price, construction size and quality, road traffic, water and electricity network and other infrastructure construction. As these actualities have different degrees of influence on the future development of the city, it is necessary to make scientific analysis on these aspects in planning compilation.

Increase of Analyzed Content. In the past, the analysis on the planning of the mountainous city mainly focused on the analysis of the terrain conditions. As the modern urban construction is subject to the influence [2] of the sustainable development, eco-environmental protection and other opinions, the planning compilation puts more emphasis on the analysis and usage of the actualities with the abundant and diversified content of the actuality analysis. According to the experience of Chongqing’s planning compilation, the actuality investigation can be approximately divided into two kinds, i.e., land condition analysis and construction actuality analysis.

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