



Advanced Materials Research Vols, 368-373 (2012) pp 3607-3610 Online available since 2011/Oct/24 at www.scientific.net © (2012) Trans Tech Publications, Switzerland doi:10.4028/www.scientific.net/AMR.368-373.3607

Regional Features of Gao-tai Dwelling in Kashi

Hui Song

Academic of architecture, Xi'an Univ.of Arch. & Tech., Xi'an, Shaanxi 710055, China

Keywords: Regional Feature, Gao-tai Dwelling, Space, design, Kashi

Abstract. Kashi is a history city with special natural, geographical and human characteristics. Based on its region features of long sun time, rare rainfall, and strong evaporation, large temperature difference between day and night, Gao-tai Dwelling is produced in Kashi. The main objectives of our investigation are focused on Gao-tai Dwelling in Kashi. The analysis is conducted to examine the controlling regional features of Gao-tai Dwelling, such as dwelling layout and space, energy conservation and so on. It is concluded that the buildings in Gao-tai Dwelling can reach better external representation of the architecture style in Kashi and energy conservation in Modern architecture design and new technology. So, the methods of Characteristic Urban in Kashi are suitable for poor rural Area in China, and they are the best choose for local residential areas.

Introduction

Dwelling is a kind of simple and the oldest architecture, generally having a long history. As the carrier of the particular region history culture, dwelling records the live spaces of the people who live there, witnesses the development process of the social economy life, and reflects these regions generation to accept to spread. It is also a product of a certain historical period and is an etiology of style in a city, Such as Gao-tai Dwelling in Kashi. A saying circulated in Xinjiang, "have not been to Kashi without being to Gao-tai Dwelling, have not been to Xinjiang without being to Kashi." This is to say that Gao-tai Dwelling is an epitome of urban space in Kashi which is a miniature in Xinjang. So, Gao-tai Dwelling has a good social image of a unique non-profit organization in Xinjiang.

Natural and Social Environment

Kashi is located in the southwest of Xinjiang Uygur Autonomous Region, west of the Pamirs Plateau, east of the Taklimakan Desert, north of TianShan Mountains, and south of Karakoram Mountains. Gao-tai Dwelling lies in the southern end of the old residential areas in Kashi city, which is a precipice as high as more than 20 miters. In the four seasons of the year, the time of sunshine is long, temperature difference between day and night is large.

Kashi is the home of Uygur culture and the melting-pot of traditional Uygur nationality, where the east culture is combined with the west culture. It is authorized one of the national famous historical and cultural city after 1986. The population in this city is about 43 million. Among them 75 percents are non-agriculture population. At present, there are 13 ethnic groups in Kashi and the Uygur population accounts for 75 percents of the total population. There are about about 640 households in Gao-tai Dwelling. Handicraft and cultivation are the main economic source for the people in Kashi.

All rights reserved. No part of contents of this paper may be reproduced or transmitted in any form or by any means without the written permission of TTP, www.tip.net.(ID: 122.70.132.162-21/12/11,21:39:41)