Abstract: With the process of urbanization accelerating, most of the original villages were included in the process of urban construction, because of the rural construction process and not synchronized with the city management, which led to the phenomenon of an urban village, and led to various problems in the process of urban construction. “Village in the city” phenomenon not only affects the image of the city in the development process, but also affecting the city in the future development process, so most of the planning staff induction of it and did not imply in the “village the city” planning. To the process of urban construction, so that “the village” in the construction process of the lack of appropriate management, which cannot effectively solve the management process arising from a variety of problems. Especially in particular part of the “village” housing construction in the earthquake prevention and fire prevention, which brought a certain degree of danger should be emphasized in this regard.

Key words: Village in city; building; earthquake prevention; fire prevention problem

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of the basic framework of the seismic performance of the design to optimize the design of the construction drawings in the process, the key location information should be indicated in the construction drawings, and gradually optimize the seismic design of construction. The establishment of accurate and precise seismic design database, so that during the design of the building, you can query the database for relevant data and engineering cases, which includes the force in the construction of building to giving an accurate analysis and based on the data obtained from the design engineering force model, use of the main tensile stress and modeling theory for the scientific analysis of the force of the construction project and a reasonable design of the seismic performance of the building.

1.3 Plane layout design of the building

In the process of building design, the layout of the building is a very important work. If a building with a good layout, then the use of the construction performance will be very good, and the rational layout of the construction plane. The construction layout has a certain impact on the seismic performance. After the analysis of the important role of the seismic design of the building in the design process, the first thing to be done is to ensure the rigidity of the building and the quality of the construction work. In the process of plane arrangement, the mutual symmetry between the two should be ensured comparably to avoid the building structure because of the different forces and deformation of the situation. The seismic force of the construction of the wall must be coordinated with the seismic structure. It should be more rigid building space floor and a high strength of the construction of the elevator to the construction of the central location to prevent the construction of the structure of the reverse effect. In the process of plane layout cannot ignore the construction of anti-lateral structure of the layout, so what to ensure the use of construction performance and construction of the seismic performance will not be affected by the good play of the seismic design of the advantages of construction.

2 Village in the city building fire prevention

2.1 Strict restrictions on the use of buildings in the city

“Village in the city” in the construction process, will involve many aspects. In the “village in the city” building fire prevention design process should strictly follow the “prevention as the main idea and fire protection in combination” principle for the development of fire safety policy. In the process of “village in the city” construction, some construction units and staff in order to be able to effectively enhance their own economic benefits, which including during the construction process, often not in accordance with the relevant provisions of the flammable, explosive Grade A factories or buildings near the construction of houses or homes. These plants are prone to fire situation and in the event of a fire, its scope of influence becomes larger. In the relevant provisions, in the presence of large fire hazards near the plant is not allowed to build a new type of residential. In order to ensure the safety of the residents, in the “village in the city” construction of the project, it should choose the relevant safety distance for the construction and the effective prevention of fire after the occurrence of large-scale impact. Therefore, in the process of construction of the site selection is very important to ensure the safety of people’s lives and reduce the impact of fire has a very important role.

2.2 Set fire station

In order to effectively reduce the impact of fire on the construction project to ensure the safety of life and property of the residents in the process of “village in the city” construction, because the fire setting is not perfect, the population and buildings are over-concentrated, the fire department after receiving the fire alarm call within 5 minutes must reach the location of the fire point and start firefighting operations, which for the fire department is very important. Under normal circumstances, in the process of urban construction, according to the risk of fire, every 4000-7000 square meters within the scope of the need to divide by a fire station and its effective management, but in the “village” construction in the process, the building’s fire-resistant grade is only three or four. To this end, in the process of construction, it must be based on the actual situation of the construction area of the fire station to effectively divide, while the fire station should be set in the convenient transportation area, so easy to fire-fighting when the timely warning. However, taking into account the fire alarm to the surrounding people to bring the psychological impact of the fire station should be established in the distance school, kindergarten, hospitals and other public facilities 20 meters away from the place.

In short, in recent years with the urbanization process continues to accelerate, people on the construction’s qualities and requirements are higher. Fire prevention and seismic design are a very important content, through the construction of the various factors of construction analysis. Reasonable to optimize the construction of fire prevention and seismic design for improving the quality of construction projects, which can effectively guarantee the safety of people living environment.

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