



PROJECT PROPOSALS FOR THE LOCATION OF MODERN PARKS IN THE RESIDENTIAL AREA

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ABSTRACT

This article discusses the methodology of creating a modern design of a car park with the help of graphic programs, as well as project proposals for the placement of modern car parks in the residential area.

ARTICLE INFO

Article history:

Received 28 April 2021

Received in revised form

16 May 2021

Accepted 21 May 2021

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Keywords: Parking, Graphics, Building, Architect, Motor Transport, Engineer, Project, Computer.

I. Introduction

Cars and various techniques are among the most visible results of the development of the 20th century. Today, vehicles with internal combustion engines have more than a billion units of machinery used in agriculture and other industries. The fact that the total number of vehicles in Uzbekistan is growing to 3 million is the result of the rapid development of the automotive industry in the Republic of Uzbekistan.

Currently, more than 90% of cargo and passengers transported in the Republic of Uzbekistan are transported by road.

Parking and storage of vehicles in the near future, taking into account the growth rate of automotive development, maintenance of urban areas, technical and economic memory, composition and sanitary-hygienic efficiency, taking into account the following designed.

In these neighborhoods, parking lots and garages are located away from children's playgrounds and school kindergartens. In these areas, additional neighborhood guzars are being planned based on multi-

ethnicity.

According to the town-planning normative documents, 180 cars will be calculated for every thousand inhabitants of the city in the reporting period, and 250 cars in the future.

Today, in the major cities of Uzbekistan, this figure is 300 cars per 1,000 people. In accordance with the standard service radius, in the cities of Uzbekistan, especially in Termez, it is desirable to place garages and open car parks in industrial zones and sanitary protection zones, areas for construction in order to make efficient use of urban terrain .

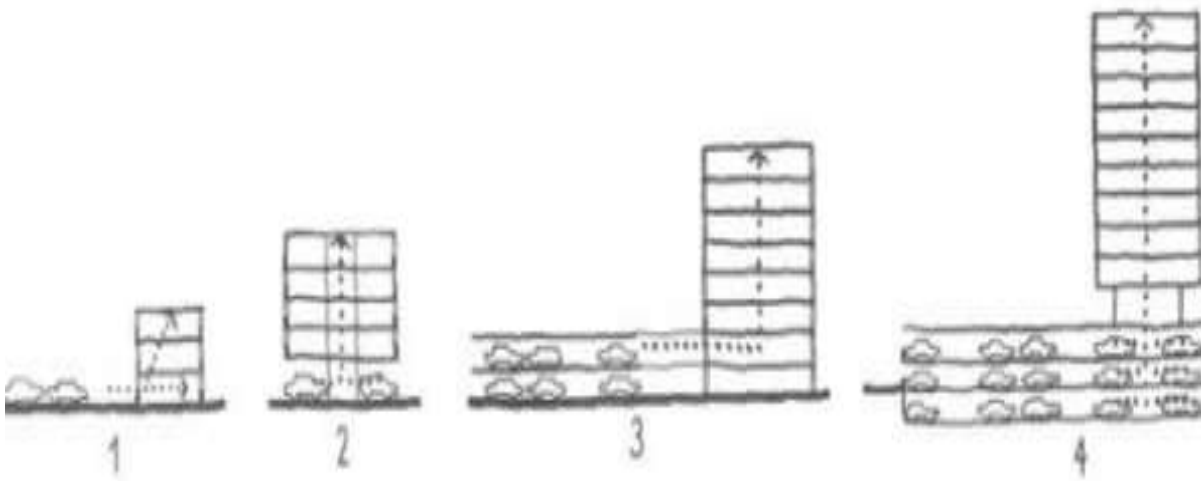


Figure 1: (Schematic diagram of the cars).

In multi-storey residential areas, open parking spaces are recommended for at least 25-100 cars. It is proposed to plan the planting of tall trees in the fields, umbrellas to protect from the sun, and greenery to protect the surroundings.

It should be borne in mind that the entrances and exits of underground garages should not be closer than 10-20 m from residential buildings, depending on the capacity of the garage, the use of straight and spiral ramps inside the garage for the passage of the car from floor to floor.



Figure 2: (Multi-storey car park project)

The slope of straight ramps can be up to 10% outside and up to 16% inside 3m wide for one-story and 5.5-6m for two-story traffic Figure 3.5a: At least 3m long for automotive entry at the beginning of a spiral ramp should be the right way. The radius of curvature of spiral ramps depends on the longitudinal slope and varies from 20% to 15% to 6m at a slope of 5%, and the maximum transverse slope of spiral lamps is 6%.

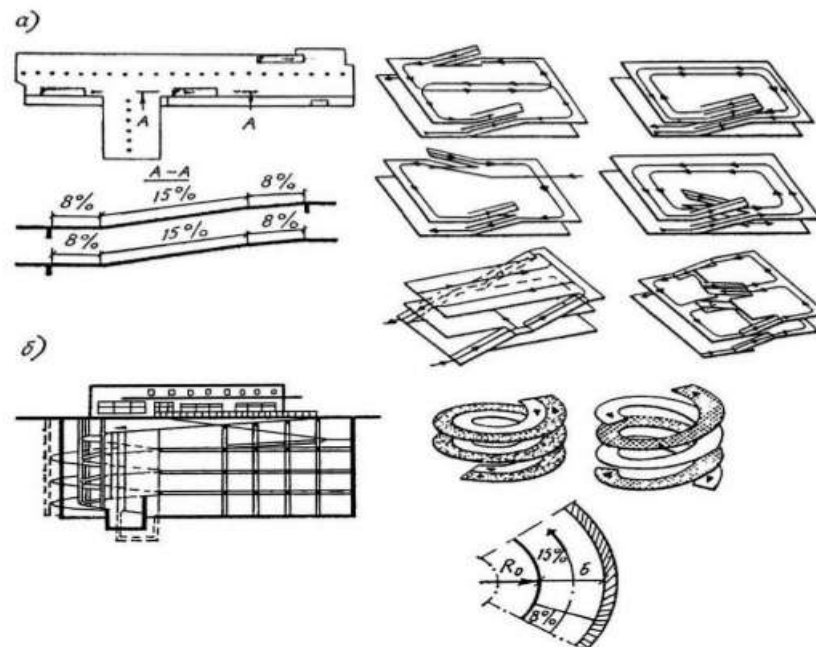


Figure 3: Different types and variants of straight (a) and spiral (b) ramps. Storing cars indoors and in warm buildings will extend its life. If cars are stored outdoors, especially in the hot and dry region of Termez, the cold and hot weather can cause discoloration, tire and rubber parts failure, and serious damage to the cabin.

Planning parking spaces in cities on the ground floors of high-rise buildings will prevent the car from staying hot and cold.

Underground cars with ramps up to 2-5 floors are the most effective.

The city recommends more small-capacity 5-100-seat underground and above-ground car parks within the quarters.

In the areas of large shopping malls, the construction of 4-5-storey car parks with a large capacity (400-500) seats is the result.



Figure 4: Proposed parking.

Thus, in today's era of urbanization, the issue of parking, storage (open and closed) parking in residential areas, businesses, large shopping centers is always important, and to address it requires a comprehensive approach in urban planning.



Figure 5: Proposed parking.

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