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THE ROLE OF URBAN PLANNING NORMS AND RULES IN CREATING A MODERN DESIGN OF A LIBRARY BUILDING

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ABSTRACT

This article discusses the role of urban planning norms and rules in creating a modern design of a library building. Prior to the construction of any building, the rules and regulations of the city in which the building is to be constructed shall be thoroughly considered and followed.

KEYWORDS: *Library, Graphics, Building, Engineer, Project, Computer.*

INTRODUCTION

The role of urban planning norms and rules in the creation of a modern design of the library building is very important. It is important to follow the established discipline when creating a project.

Information-resource centers - libraries of higher educational institutions include avant-garde, exhibition fund and catalog rooms, subscription, reading room, book storage and processing of new books. Reading rooms should be designed to serve 10-12% of students (students, graduate students and faculty) at the same time; the hall should provide space for personal computers (at least 4 m² for 1 workplace). It is not allowed to cross the library area to other rooms of the educational institution. The total area of the rooms is, as a rule, determined on the basis of the need for at least 1.0 m² per unit of capacity. The rooms of information-resource centers are determined taking into account libraries.

Rooms of the rector's office, dean's office, departments, educational units, scientific department, and research departments are accepted on the basis of the project assignment at the rate of 4-8 m² for 1 full-time employee; administrative block rooms are designed taking into account the requirements for administrative buildings.

Libraries are calculated according to the number of book storage units and reading spaces in the halls. The structure and area of the rooms of libraries are accepted according to technological requirements, taking into account their intended direction, specialization; The main indicators for determining the content and areas are given in Table 1.

Corridors and toilets for visitors are provided taking into account the appropriate calculation indicators of the club facilities. The corridors will have an outerwear storage area (100% capacity of the hall) and a handbag storage room, a copy service and a pereplet-folding room.

Book storage rooms are designed taking into account the technological requirements for storage in single-tier or multi-tier seats.

TABLE 1

Room	Size	Calculation Indicator, m ²
1	2	3
Bibliographic-information department	One reading place	0,1
Advanced (15-20% for students)	-'-	1,5
Reading rooms:		
- General and scientific network for adults	-'-	2,4-3,0
- children, youth	-'-	2,0-2,5
- special sections	-'-	3,0-3,5
- isography, note, cartography	-'-	3,5-5,0
- - audiovisual service using a computer	-'-	4-6 (10-20% of reading places)
Subscription (for students)	One reading place	1,8
Libraries subscription, staffing department	One job per employee	6,0
Maintenance and Production	1 Servant	5-8
Book storage:		
- closed storage	in 1000 storage units	2,5
- open storage	without access to the stock	5.0 (smaller - 4.5)
Note: 1. Catalog room is accepted in the following calculation: 1 bookshelf for 20 thousand storage units (1000x500x1450 mm) 48 boxes -3.5 m2. It is also planned to store catalogs in electronic form at the expense of 4-6 m2 instead of one computer.		
2. Acceptance of laboratories for image restoration, photocopying, photocopying, pereplet-binding: per 1000 storage units - 2.0 m2; each room at least 12 m2; hygienic treatment and restoration laboratories at least 15 m2 (each).		

Includes a place to work with advanced catalogs, a literary exhibition stand, a temporary storage space for the literature working fund, which is given to the sharing department and the reading room; The avant-garde area, as a rule, must be at least 30 m2.

The subscription area includes the sharing department and the book reception department, which is separated from the reading room by a non-permanent crossing; the section area must be at least 20 m2.

Bibliographic-information department: the total area should be at least 20 m², including places for students, duty bibliographer-consultant, book exhibition area.

The assembly and processing section includes areas: service catalogs, staff workplaces, book processing and assembly areas.

Service and living rooms for employees are provided in accordance with the accounting norms of administrative buildings.

Special reading rooms notes, unique books, patents, art albums and other funds are placed under the appropriate departments; the area of the halls is determined based on the specific conditions. The halls will be equipped with computers, video cameras, music booths.

The libraries will have additional auditoriums, concert halls, library, exhibition and museum halls, Internet cafe halls and others.

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