SUSTAINABLE ARCHITECTURE PATTERNS IN THE TÜRKMEN NATIVE HOUSING, IRAN

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ABSTRACT: Various guidelines that can response different

KEY WORDS: Native Architecture, Sustainable Architecture,
ABSTRACT: Formation as well as development history of Esfahan shows strict parallels with social contexts in most periods. An impressive cultural and social development for the benefit of the city and prosperity, as well as social collaborations and interactions have been “discovered”, recognized and explained.

KEYWORDS: Esfahan, Recognizing, Sustainable Development, Zayandehrud Historical-Natural Zone/Landscape

ABSTRACT: Disablement, as a social and biological phenomenon, is a reality that apart from the rate of development, both industrial and social, has a large impact on the lives of people. The development of spaces, particularly sidewalks, must be taken into consideration in this regard. In this study, the sidewalks of Zand Street of Shiraz were surveyed and analyzed through a general analytical study. The study was carried out using the survey method. The analysis of the obtained information is to be based on the needs of the disabled. The results showed that the sidewalks do not meet the needs of disabled people. The study was carried out to protect the disabled from the challenges of life and to promote their opportunities for social integration.

KEYWORDS: To Fit Spaces, The Disabled People, Sidewalk, Zand Street of Shiraz

ABSTRACT: Neighbourhood is a familiar sign for all citizens because they feel close to it. In this paper, the concept of neighbourhood as a place for social life and daily activities is discussed. The needs of the residents have a key role in the sustainability of the residential complexes. Therefore, the need to develop a new planning model and to look for the best planning strategies (in which urbanization principles and criteria based on principles of sustainable development are considered) in this regard is needed.

KEYWORDS: Jahedshahr, Neighbourhood, Sustainable Development

ABSTRACT: Architecture and urban design in Iran’s central and desert areas, having the most compatibility with its climatic, socio-cultural and historical factors, tries not only to reach solutions for current climatic issues, but also to move toward Iranian architectural identity.

KEYWORDS: Warm and Dry climate, Cold Climate, Residential Architecture, Introversion

ABSTRACT: In today’s constructions, the sustainable development is considered as one of the important issues. The sustainable design of buildings is a strong factor in the energy efficiency and can help to reduce the consumption of non-renewable resources. In this research, the flexibility of spaces in the buildings has been investigated in order to achieve an effective result for the sustainability of the buildings from the physical-functional dimension during the time.

KEYWORDS: Residential Complex, Sustainability, Flexibility, Time

ABSTRACT: The main root of environmental and sustainable architecture movement dates back to the 19th century. Relying on different case studies and reviewing the design of architecture in different styles, the main principles of environmental design, which are associated with the principles of sustainable development, have been explored. The results of the study indicate that all these styles have the same concepts and lead to environmental-compatible architecture.

KEYWORDS: Design, Architecture Style, Sustainability, Sustainable Development

ABSTRACT: It is obvious that in the machine related world, parking space is as important as other spaces in a building, then the development of the necessary strategies to ensure a positive impact is essential. This study is a major concern for the residential apartments in order to balance the barriers and problems caused by increasing of the building density. By the method of a comparative study interpretation of the physical, social and cultural conditions. The study was carried out in the Golsar neighborhood of Rasht.

KEYWORDS: Parking Space, Construction Density, Compact City, Golsar Neighbourhood, Rasht

ABSTRACT: In today’s world, the increasing population, exceed growth of urbanization and lack of non-renewable resources does not allow us to waste our valuable resources. Improving the quality and efficiency of energy consumption is one of the important principles of sustainable development. The main challenge of today’s world is to balance the energy consumption and environment with human beings. Through the study, an introverted architecture style was considered to ensure the reduction of energy consumption through the introduction of the main principles of this architecture style to sustainable development.

KEYWORDS: Architecture, Urban Design, Introversion, Reduction Energy Consumption, Sustainable Development, Warm and Dry Climate

ABSTRACT: Nowadays, the excessive use of fossil energy sources, on the one hand, and the environmental pollution caused by its consumption, on the other hand, are causing problems for the future world. In this paper, the environmental designing is discussed, which is a sustainable way of life concept. The purpose of environmental designing is the survival of human existence in the world. In this research, a descriptive-analytical method has been used to study the concepts of environmental designing. The results of the study have shown that the environmental designing is a sustainable and architectural approach which is of great importance in today’s world.

KEYWORDS: Environmental Designing, Sustainable Architecture, Vernacular Architecture, Renewable Resources, Climate

ABSTRACT: The role of introverted architecture and urban design to reduce energy consumption in order to achieve sustainable development with emphasis on warm and dry climate (case study: Yazd)

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