

Thesis Title The Dynamic Urban Designing Process Approach to
 co-ordinating System in Physical Planning and
 Architectural Design to encircle the process
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ABSTRACT

Urban designing process as the part of physical planning concerning with the continuous process which included city planning, urban design and architectural design for the goal of the whole processes is to control and to promote for the future growth of the city, to solve the urban existing problem and to provide the guideline for defensible future urban problems and with the creative ability to get the city into practical urban functions and the urban beautification.

The city planning and the architectural design are the parts of physical planning of the city base on the system approach to planning and design due to the nature of theory and the working pattern of each of them that caused the un-linked network in the recent decade till the at present. The physical planning of the nation couldn't get the utmost goal and the improper output occurred the caused by the un-linked network. The improper output and un-linked network due to city planning and architectural design have resulted in the decline of the noble pattern of the country

and would either waste the time and deteriorate investment condition.

Urban designing process approach to co-ordinating system in physical planning and architectural design, it emphasizes the achievement of the goal of the physical planning of the city. On the other hand, the cycling of the whole physical development processes which included city planning process, urban designing process, architectural design process this cycling empowered processes is of the great concern to the nation in order to get the goal of the city development, the ultimate concerned by providing the city for the urban aesthetic value and well planned function and even to minimize the energies consumed.

The dynamic urban designing process approach to co-ordinating system in physical planning and architectural design is the main objective of the study. This course the study in order to apply the new model of designing process as a vehicle for synthesizing and analytical data in physical planning and design that can serve more function and utmost role which would lead to co-ordinating systems of the whole physical design processes, and the essence of the study is to prove that applying the new form of the process would yield better result than the typical design, urban design method. Beside the study of the process that mentioned there is also the aim of the study were to develop a better method for the practitioners, and of interdisciplinary team which would lead to greater understanding of the urban design and complexity and to develop technique that could be used to link actual city planning and design processes together

in the coherent system that appear in the study.

As to get the main objective of the study, the research must covers these parts were as followed:-

- The introduction that included the concepts theories and some which concerned.
- The urban planning, the urban design, architectural design, and the models of them are also in cluded.
- The study were also carried on the larger issue of urban development design. The research reports in this study are concerned with solving the problems of the un-linked network and un-inlkd the systems of the designing processes of urban planning, urband design and architectural design.
- The theories, the principles, the urban data organization, and the correlation fo the systems were employed to analysis the data obtained.
- The presentation of the model of the dynamic designing process approach to co-ordinating system in physical planning and architectural design.

In order to get precisely the conclusion of the studied process so the appropriate the theories, the techniques, the principles of the analysis are considered, scientific theory consist of description and explanations of reality to urban designers and other action oriented professions, theory consists of the design principles used in generating solutions to problems. Scientific or positive theories aim to be value

free. Urban design theories, in contrast are normative. As to get explicit analysis, nature of theory for architecture and urban design, the design principle and urban data organization and correlation were employed to analysis the data of the three different disciplines.

In order to co-ordinate the systems of the urban planning, urban design and architectural design, the whole systems of three different disciplines should be in the coherent systems otherwise the improper output and un-linked network of three different disciplines could be occurred anytime.

The results and conclusions of the major finding of this study were as follow:-

- The dynamic urban designing process as the new form of the design process should be employed in order to co-ordinate the system in city planning and architectural design to encircle the processes as to get the goal of physical development plan.

- The circling process empowered the whole physical design processes can serve more function and utmostly role as urban design methodology.

- The applying the new form of the design process would yield better result that typical urban design method.

- The model of the dynamic designing process is the subject of the result and conclusions of the study.

The developed method for practitioners and interdisciplinary practice which would lead to greater understanding of urban planning and design complexities and to develop techniques that could be use in actual planning and design processes were as followed:-

1. The three different disciplines processes allowed them to link together in the coherent system that appear in the model of dynamic urban designing process.

2. The principles of controlled practice for the three disciplinary to link together as followed:-

2.1 The communication problems between planners and architects are immense enough so the system of the organization that could bring the various discipline together into a coherent designing practices the approaches of three specialties : urban planning, urban design, architectural design, the activities and the significance of the three specialties must be considered by each others.

2.2 The interdisciplinary planning team and co-ordinating team regulations evokes the idealistic image of the controlled practice of the structure of a development corporation that could be established in Thailand at present.

2.3 The professional control regulation for the urban designers could begin almost immediately because the urban designer had been assigned into the structure of a development corporation by the developed countries as the profession respond to the physical characteristic of the nation.

2.4 In order to get the physical appearance of the city

relating to the specific plan, it is necessary to have the considered building codes which follow the goal of the specific plan exactly.

2.5 According to the procedural theoretical basis for design decision through systematic research so the government sectors or private sectors who concerned with physical design should set up co-ordinating teams, which the urban designer are required into the groups.

In order to accomplish the physical designing circle and to get the goal of the development plan, so the application of the new process to be as guides, the consideration to setup co-ordinating team regulations as well as the building codes which can fullfill urban design.

In the final chapter of the study there are provided the guideline for urban design, the implementation and the model design process.

In the concluding chapter there are the data concerning with urban design data.