

**설계의도 구현 표준 업무 및 대가기준 마련 연구**

A Study on Preparing of Standard Service and Payment  
for Realization of Design Intent

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In 2014, the Architecture Service Industry Promotion Act began in effect and it has applied mandatorily to ‘Design Intent Realization’, which need the participation of related architectures in architectural objects of priority of application for design process of design competition projects. The Act, however, has not details of application scope to apply, or standard payment or contract process, which resulted in problems of real application. For solving these problems, this study has executed for the purpose of presentation of revision of the Act related to standard work and standard payment for design service about realization of design intent.

Firstly, in Chapter 2, we looked into the design service according to Architects Act and the work scope of realization of design intent, specified in Architecture Service Industry Promotion Act.

In Chapter 3, we made a comparison between the post-design management of Architects Act, similar to the realization of design intent, design inspections of Frame Work on Architecture, construction inspections of Architectures Act and a construction business management of Construction Technology Promotion Act. As a result, post-design management and design management are the works for supporting of building construction according to design intent by the original architectures, and construction inspection or construction business

management are performed by engineers or construction technology service companies, not the original architectures, for the view of efficiency of construction. The first suggestion of standard service for the realization of design intent through comparison of similar services are as follows: △ interpretation and consulting of design documents; △ review and supplement about selection and change of materials and equipment; △ confirmation of buildings for the application of permission of use; △ suggestion of building management; △ construction monitoring, and; △ consultation of design change.

In Chapter 4, we have analyzed the standard construction specifications, for concretizing of design intent realization, and have selected related works by searching engineers' permission works and connecting them to the design intent realization during construction. In addition, we have made comparison services of design intent realization between USA, Germany and Japan through searching design and construction process work. After such process, we have prepared the second standard service, and executed focus conferences six times with professionals and written consulting with 100 architecture design professionals regarding that work. We came to draw a plan for standard works and standard payment for design service.

In Chapter 5, based on analyzed results, we have set the standard works of design intent realization, and have drawn standard payment. The standard works of design intent realization are as follows: △ interpretation and consulting of design documents; △ review and supplement about selection and change of materials and equipment; △ construction monitoring; △ consultation of design change, and; △ confirmation of buildings for the application of permission of use. We have suggested above five stages of construction process and work detail regarding every work. The payment rate of 8% for realization of design intent has been prepared with consideration of payment for service of

design intent transferring in Japan, payment rate estimation for service based on written consultations and suggestions from professionals, etc. At last, for the possible feasible adoption of design intent realization, we suggested the revision of Acts for contracts, avenue system and related works, and related the standard payment.

Key words: Standardization of architecture service, Design intent realization, Standard work, Standard payment for service