

# **PROJECT DETAILS FOR FINAL SUBMISSION**

**Project Title:** HEXA-REGTA

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**Course:**  
Design 3

**Studio Brief Title:**  
A Home is Not a House

## **Short Project Description (100 words max.):**

The Hexa-Regta is Peter Eisenman's renovation of iconic House VI. It integrates the modular hexagonal dance floor(Hexoflex), transforming House VI into a dynamic and multifunctional space. As the themes of personalization, adaptability, and fluidity were included, the Hexoflex can adapt and configure in many different ways to meet user needs. Many elements are created based on the Islamic pattern, where the rectangular shape and hexagon can coexist to enhance the use of the hexagonal system and the spatial experience. By creating adaptive elements, this redefines House VI as an evolving environment to the users' rhythm of life.

## **Full Project Narrative/Text Description (300 words max.):**

The Hexa-Regta is Peter Eisenman's renovation of iconic House VI. It integrates the modular hexagonal dance floor(Hexoflex), transforming House VI into a dynamic and multifunctional space. The entertainment was often overlooked in traditional homes and also offered privacy but did not encourage connection and interaction. Embedding Hexoflex fills the void of entertainment in original domesticity. Now, that the themes of personalization, interaction, adaptability, and fluidity are included, Hexoflex can adapt and configure in many different ways to meet user needs. The components are included in the hexoflex as the users can transform them into tables, chairs, garden pots, boards, dance floor shelves, etc. The different amounts of hexoflex blocks are combined to serve different activities such as mini art studio, dance area, movie pod small lounge, etc. A dialogue between the original and the renovation part is created, from elements that are created based on the Islamic pattern, where the rectangular shape and hexagon can coexist. This is to enhance the use of the Hexoflex system and the spatial experience. Retractable light roofs and retractable overhangs are created to elevate the interaction between indoor and outdoor creating a seamless transition of light and movement. The rigidity of the house is removed and arranged into a more dynamic space, hexoflex, and platforms are elevated at different heights to create a spatial hierarchy, offering a coexistence of private, semi-private, and public spaces. The higher the platform is the more private the space is. The renovation seeks the identity of the original house while transforming it into a more interactive one, inviting users to constantly change the house to the needs of the moment. By creating adaptive elements, this redefines House VI as an evolving environment to the users' rhythm of life.