

PROJECT DETAILS FOR FINAL SUBMISSION

Project Title: AWAKENING (เบิกบาน)

Student's Full Name:

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Instructor's Full Name:

Takanao Todo

Course:

Architectural Design 4

Studio Brief Title :

Earth, Wind, and Fire

Short Project Description (100 words max.)

The project 'AWAKENING' is a showcase of ceramic facade inspired by the lotus, a symbol deeply rooted in Thai culture and Buddhism, focusing on its blooming stages: closed, semi-opened, and fully opened. Influenced by the King Rama III era and Chinese trade, the design integrates traditional floral patterns with religious symbolism. Tailored for Bangkok's tropical climate, the facade optimizes sun exposure by varying density to manage light and heat, enhancing energy efficiency and user comfort. The adaptable pattern ensures a harmonious connection to the surrounding landscape while reflecting local culture and offering a serene, visually dynamic architectural cladding solution.

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

This project features a ceramic facade inspired by the lotus, a symbol that is strongly embedded in Thai culture, Buddhism, and everyday life. The primary attention is on the blooming stages: closed, semi-opened, and fully opened.

Thailand was affected by the Chinese in a variety of ways, dating back to King Rama III's time, including trade and migration. There is still a trace of Chinese influence in ceramics and wall art.

I'm merging the idea of the lotus, which has profound religious origins, with the floral design from King Rama III's reign to create ceramic tiles for architectural cladding that represent local culture. Bangkok's tropical climate features both rainy and sunny seasons. The facade's density was meticulously planned based on an analysis of Bangkok's annual sun exposure. This optimizes climate efficiency by managing light and heat while preserving visual linkages to the surrounding landscape. The pattern adjusts to provide changing levels of light shielding for different space areas, increasing user comfort and a sense of serene.