PROJECT DETAILS FOR FINAL SUBMISSION

Project Title: Danneramit Island

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Course:
Architectural Design 2

Studio Brief Title:
Urban Incubators

Short Project Description (100 words max.):

Danneramit Island is a flood-resilient housing project that reimagines adaptive living at the Train Night Market Danneramit in Bangkok. Surrounded by the iconic Castle landmark, the design integrates submerged living spaces and elevated extensions such as existing structures, ensuring functionality during floods. Public areas adapt dynamically for community use, while a transforms the existing site into a new urban flooding living “Danneramit Island.” The project prioritizes on how people adapt their life during flooding in order to extend their living and activities. By blending contextual architecture with innovative resilience transformation to living in flood-prone areas while integrating the cultural and historical essence of the site.

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

Danneramit Island is the flood-resilient housing project that transforms the Train Night Market Danneramit into a vibrant, adaptive community designed to coexist with its dynamic water environment. Leveraging the site’s culture and context of the site. Including the Castle landmark and proximity to the BTS Skytrain, the design introduces multi-level circulation systems that redefine connectivity. Elevated walkways, piers, boat parking, and floating corridors link public and private spaces, fostering mobility during floods.

Locals have embraced the site’s opportunities by creating a “Danneramit Station,” integrating it seamlessly with the BTS Skytrain to enhance accessibility. This transportation hub amplifies the site’s appeal, connecting islands of elevated housing and community hubs through a network of shared piers and watercraft paths. This cooperative infrastructure strengthens social bonds between island-like residential clusters while celebrating the water-oriented lifestyle. The architecture adapts to local living patterns, offering flexible spaces that reflect personal hobbies and economic activities such as fishing, boating, and market trading. Residents customize their homes to accommodate their unique lifestyles, with features like fishing decks, boat docking

areas, and floating gardens. Elevated platforms and submerged living spaces also double as flood-resilient solutions and vibrant public spaces for gatherings and commerce.

Moreover, A green space by enveloping the Castle transforms it into a verdant community landmark and environmental asset. Surrounding green spaces absorb excess water, enhancing water management and contributing to urban cooling. This integration of sustainable design with local ingenuity ensures the project is both practical and deeply rooted in its cultural and environmental context. By intertwining architecture, circulation, and community-led initiatives, the project fosters a residents adapt, connect, and thrive, offering a blueprint for flood-resilient living in Bangkok