E+ HOUSE

Small Solutions to Broad Problems

As the context of this assignment is a public facility and not the focus on the feasibility, we will not meet the goals of the E House preset by the AIA, we are interested in designing a house that is sustainable, cost-effective, and energy-efficient. For this reason, we need to develop a model that is not only sustainable but also affordable.

Site planning goals

The site plan is designed to address the need for a compact, efficient, and sustainable building. The site is chosen to take advantage of existing infrastructure, such as roads and utilities, to reduce the environmental impact of the project. The building is designed to be compact and efficient, with minimal impact on the surrounding environment. The site plan is designed to be flexible, allowing for future expansion.

How many overlapping problems can one smart solution solve?

As with all E House and E+ projects, the house must be consistent in its many overlapping problems and their solutions. By designing the building as a holistic system, the house can be as integrated as possible. The house is designed to be as energy-efficient as possible, with minimal impact on the surrounding environment. The building is designed to be compact and efficient, with minimal impact on the surrounding environment. The site plan is designed to be flexible, allowing for future expansion.

Site & Neighborhood Context

Street Elevation 1 | Marcella St.

Street Elevation 2 | Highland St.

View from Marcella St.

View from Highland St.

Floor Plans | 1/4” = 1’-0”

Building Elevations | Prototype 1

Building Elevations | Prototype 2

GFC Development Inc

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NEW

ECOLOGY

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