

Architectural Design for SHEC Housing Project Phase 3

Consultancy / Professional services

- Location** : Malibay, Pasay City
Date : November 2009 – May 2010
Client : St. Hannibal Empowerment Center (SHEC)
Project partners
 - SHEC**Funding support**
 - SHEC**Contract / agreement value**
 - PHP



Facade of the proposed SHEC Phase 3 medium-rise building design

Project brief

The St. Hannibal Empowerment Center (SHEC) is an NGO that advocates for land and housing security of informal settlers in Malibay, Pasay City and has partnered with TAO-Pilipinas in the conceptual subdivision planning of the initial phases of its housing program. (See *Project 0701*.) In 2009, the third phase of the 16-phase SHEC housing project was intended to accommodate 130 informal settler families in a multi-family residential building on a 2,000 square meter lot. TAO-Pilipinas developed the architectural design of the medium-rise housing led by two young Belgian architects undertaking the YP internship/volunteer program at TAO-Pilipinas from November 2009 to May 2010.

Under the guidance of TAO-Pilipinas and SHEC's facilitation, Tracey Loontjens and Brecht-Paul Van Acker worked with the beneficiary community through several participatory design consultations. They translated all the ideas of the community into a cohesive design proposal for a residential building with 132 units. The design is conceptualized as a green building incorporating rainwater harvesting, green roof and ledges, and passive cooling. The building features include small, private terraces in each housing unit, a semi-public garden and a wide, multi-functional outdoor area, and a roof garden for urban agriculture. The proposal also has a community center, a space for materials recovery facility, and a commercial road and parking area on the front side of the building. Tracey and Paul also made a three-dimensional scaled model of the building design for SHEC. At the end of their internship, they also produced a documentation that detailed the design process with the community to help in raising funds for the construction of the building.

The proposed design was later revised to accommodate a total of 96 families and SHEC decided not to use the original design proposal.

Project outputs

- Architectural design of a green medium-rise housing
- Documentation of design process (book)