

# Report: Service Learning: Department of Architecture

## ONW 600

### Community partner

Lebone Land

### Brief description

Lebone Land is a safe haven for orphan children. It was started as Lebone House in the late 1990's and has grown into a bigger community on a larger property.

B. Arch. (Hons.) students spend time with the staff and children at Lebone Land in search for practical solutions for limitations within the infrastructure on site. The 45 students were divided into 6 groups for the 3 weeks spent on the project. The groups had to submit a 5 min video presentation and four to six A1 posters on their proposals for improvements on the site with practical learning regarding a design situation with restrictions, parameters, interpretation and implementation of research data in the design of a building/ structure in an urban space.

### Outcomes for students

The students were sensitized to the **needs with in the current situation, and had to investigate and implement new sustainable strategies in the existing infra structure and organization with the design of a relevant urban project (with buildings)** that will illustrate the broader scope of sustainable aspects and principles with reference to Bloemfontein / Mangaung regarding the following:

1. The totality of sustainability, and the relationship between sustainability and urbanism.
2. Political and ethical agendas: man, architecture and nature together with a tectonic expression and critical regionalism.
3. The aesthetics of gravity: the interplay amongst structure, context and order/ form/ space.
4. Awareness and contact with the spatial perception and needs of the community.
5. Practical learning with negotiations with real clients regarding the design of buildings and structures.

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### mpact on community

Guidelines for Lebone Land as organization regarding:

The use of sustainable environment principles.

The perspective of sustainable principles as applicable to local circumstances, in an economically developing context. The sustainable use of material, construction methods, energy consumption and the impact of climatic factors as applicable to buildings/structures

The interrelationship and interaction between natural landscape, climate, social / cultural communities and their needs with reference to human well-being and economic wealth.



Peter Mocke B. Arch. (Hons.) student with children from Lebone Land



An example of the proposal made for Lebone Land



An example of the social spaces on the site of Lebone Land



A proposal with a bird's eye view of Lebone Land