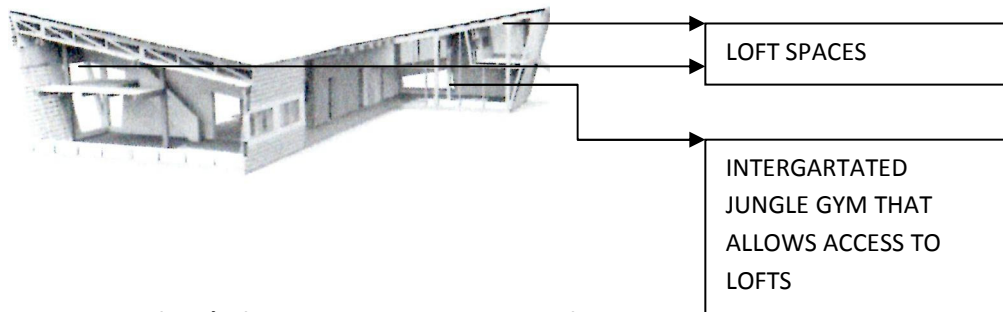


Orange Farm Community Facilities

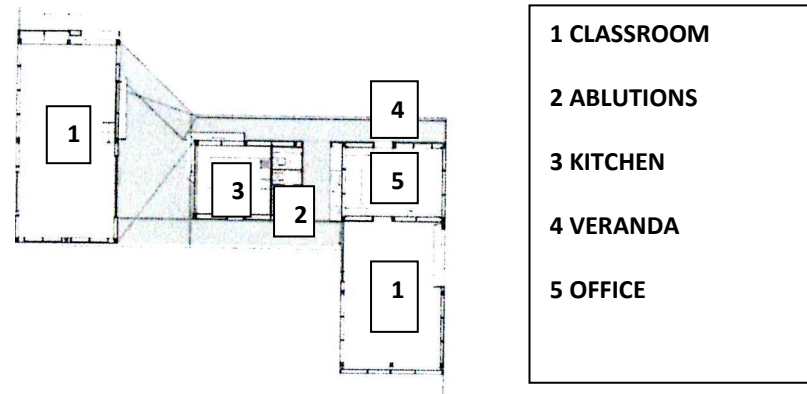
M.I.P. Studiowork Excercise

1: Emmanuel Crèche.

The functional idea behind this project was to create a pre-school and daycare facility through an alternative design using low cost materials in an inventive, imaginative way. The brief described a need for a structure that could accommodate an area where one can look after and care for babies and pre-schoolers, ablution facilities for approximately 50 children and staff.

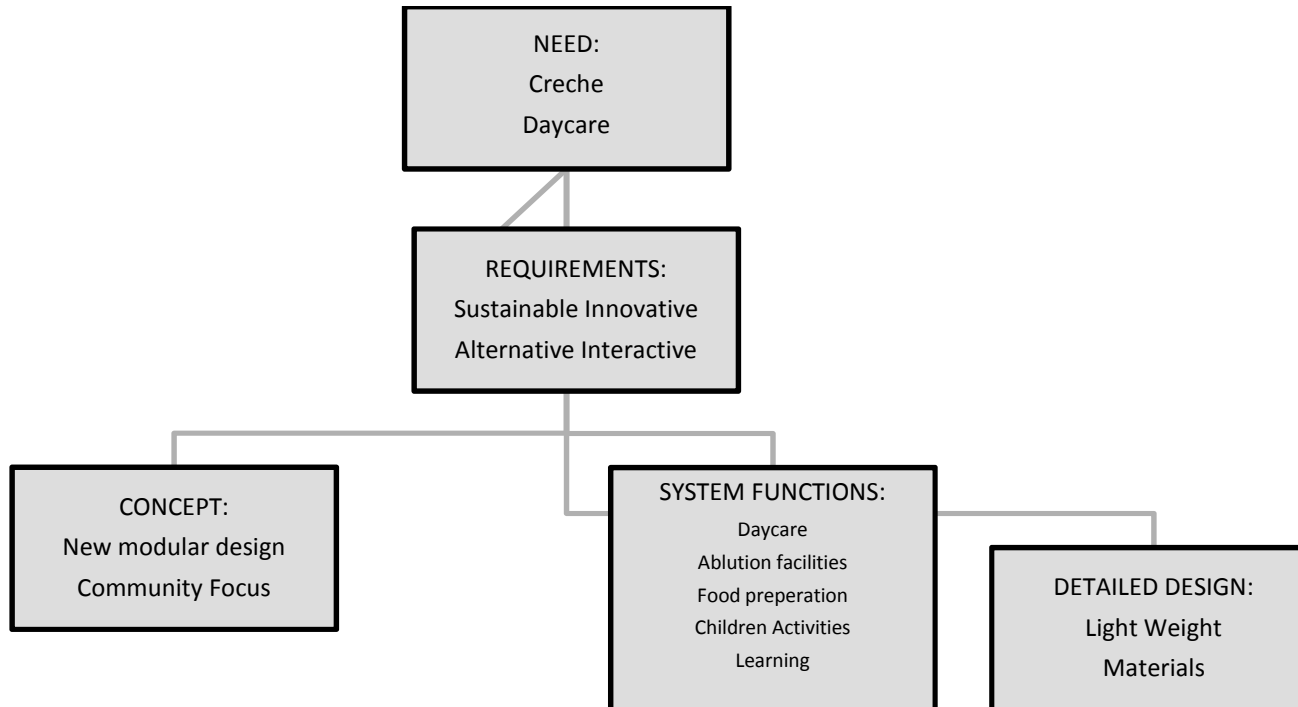


Emmanuel Crèche Isometric Sectional



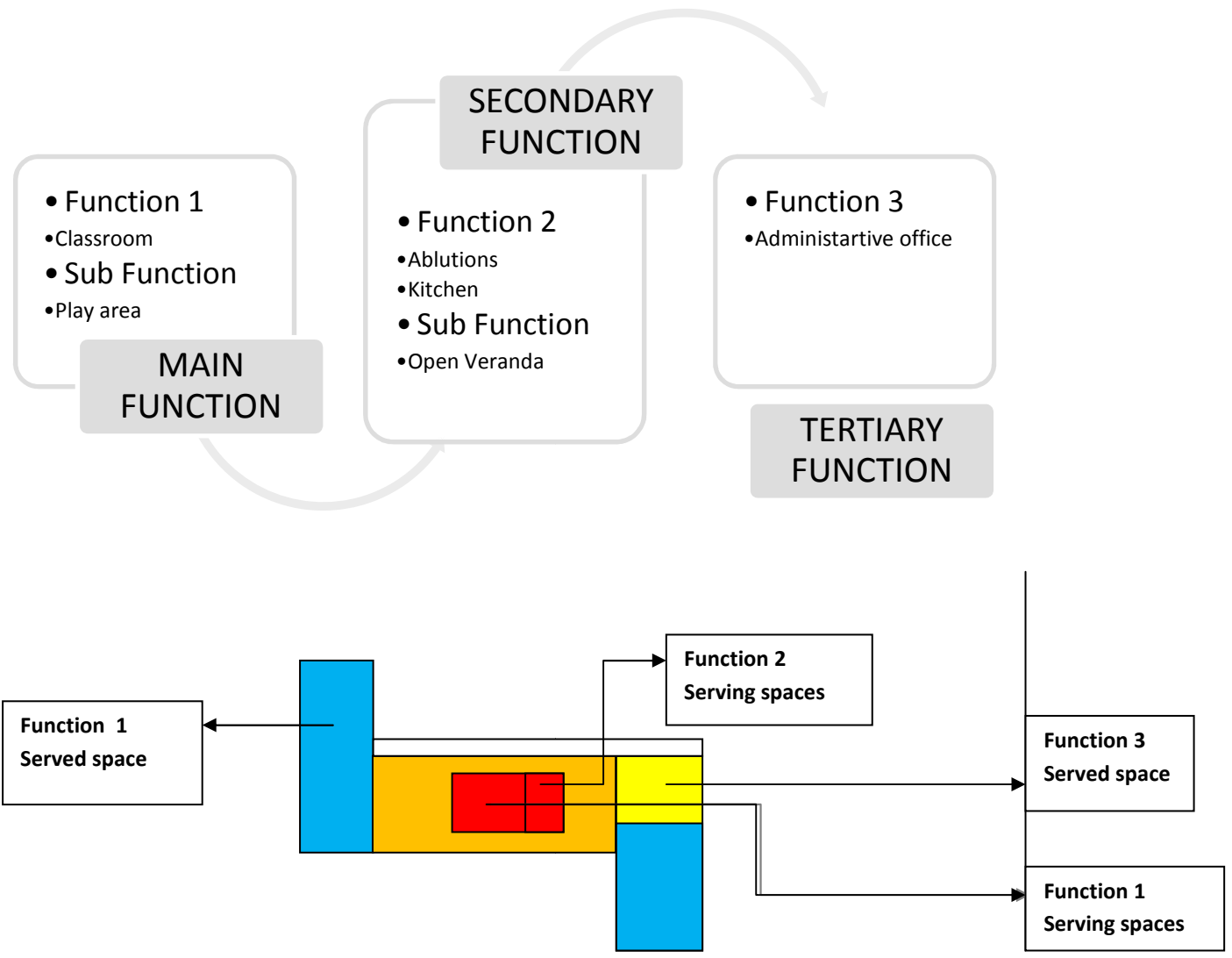
Floor Plan

1.2: Diagram Reflecting the functional idea behind the design.



The building consists of a simple timber frame structure, a sanitary masonry hub and kitchen, polycarbonate sheeting for cladding and corrugated sheeting for roof finishes thus providing a sustainable, low cost, contemporary expression of shelter and shade. The added space of loft play areas increase the usable floor percentage and are accessed via a jungle gym. This adds a playful aspect to the process of going to a class.

1.3: Diagram reflecting the functional organization in the design.



2: Questions:

*Does this structure challenge traditional building concepts?

-Yes; Alternative interactive design of a crèche.

*Is there Architectural, elementary order?

-Yes; Solid frame, dynamic movement, spaces are defined and not enclosed.

* Does the technology in the construction develop or support the concept?

-Support yes; the straight forward and honest expression of the timber, polycarbonate sheet cladding and roof sheeting embody a vernacular design that reflects the contiguous context in which it has been constructed. A fresh approach to regular urban development issues. The building symbolizes mediation between a previously disadvantaged community and a new educational facility.

3: References:

Dr Osman A, 10 Years + 100 Buildings, 2009

Mpahlwa L, Khatieb-Parker R,, Digest of South African Architecture, 2010, p76-77

Righini P, Thinking Architecturally, 2009