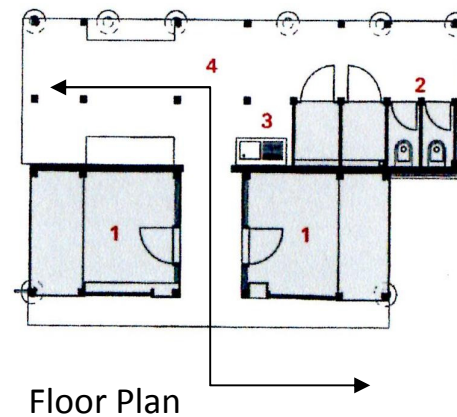
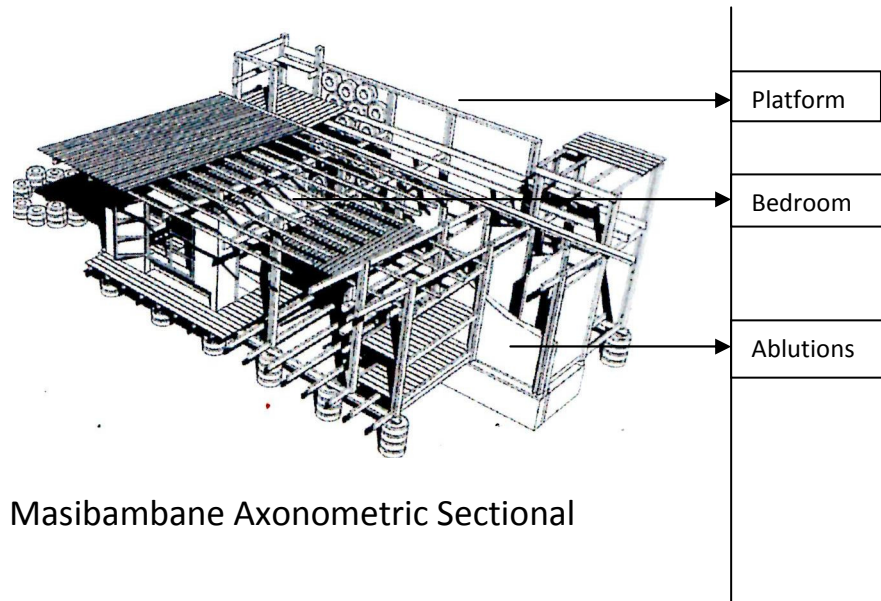


## Orange Farm Community Facilities

### M.I.P. Studiowork Excercise

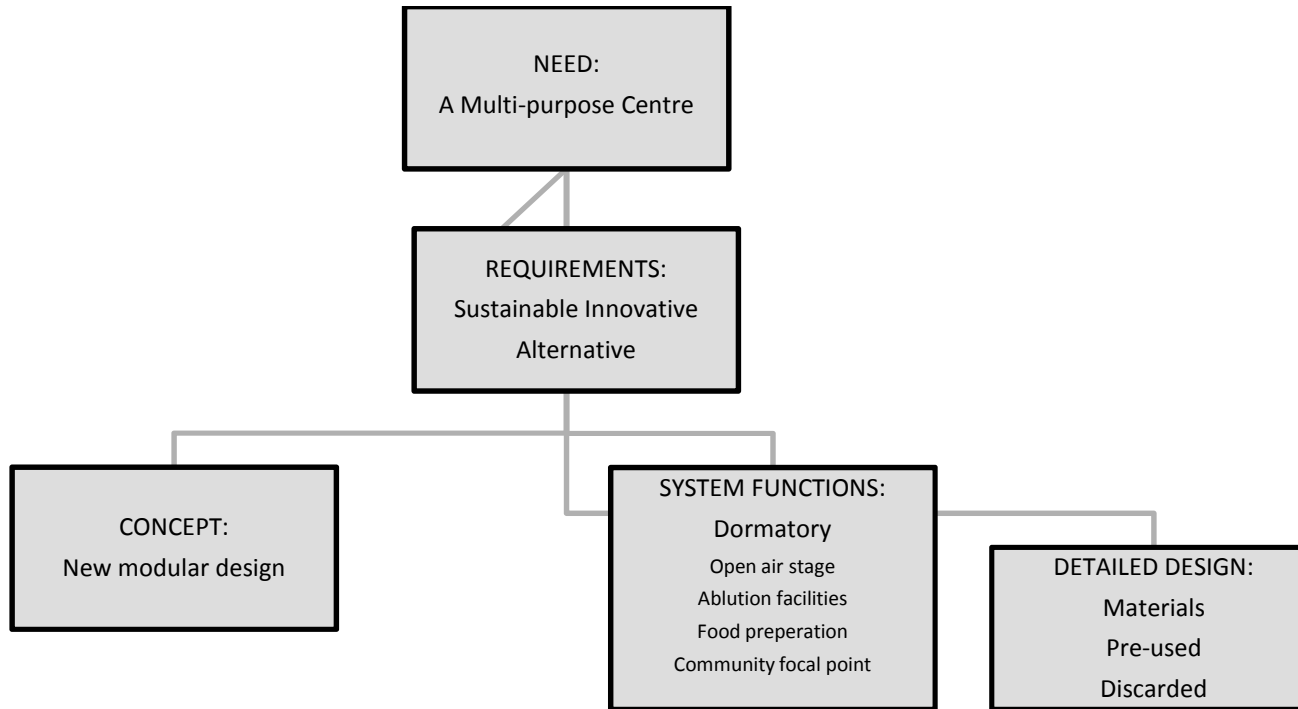
#### 1.1: Masibambane Multipurpose Building.

The functional idea behind this project was to create a sustainable community hub through an alternative design using discarded materials in an inventive, recycled way. The brief described a need for a structure that could accommodate a few people for a brief period when needed, an ablution facility and a food preparation space.



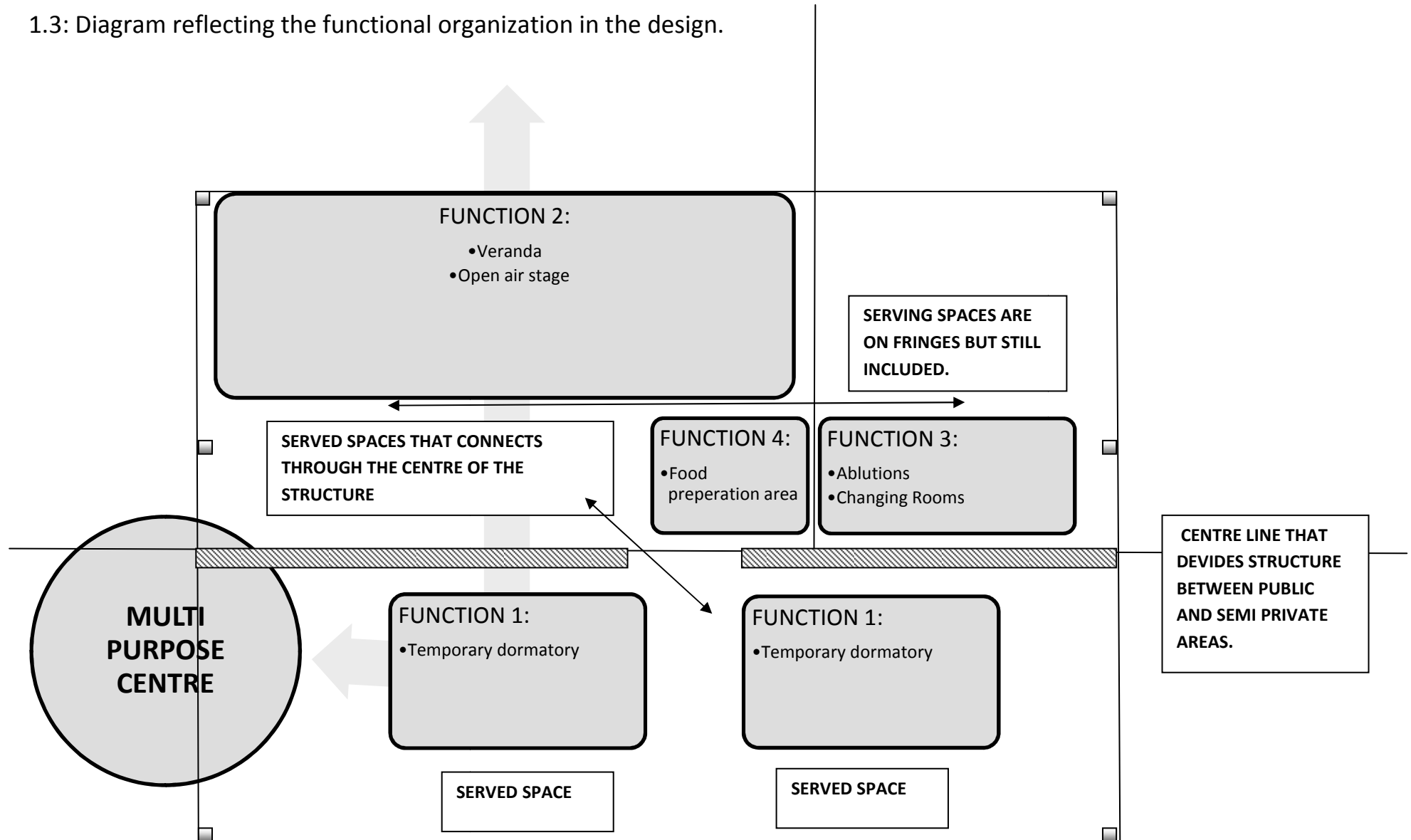
- 1) Bedroom
- 2) Ablutions
- 3) Kitchen
- 4) Veranda

1.2: Diagram Reflecting the functional idea behind the design.



The building consists of a simple timber frame structure lifted of the ground on a suspended timber floor, a sanitary masonry hub and polycarbonate roof sheeting, thus providing a sustainable, low cost, contemporary expression of shelter and shade. Foundation footings are fashioned out of used tires filled with concrete, thus keeping wet works to minimum and cutting costs.

1.3: Diagram reflecting the functional organization in the design.



## 2: Questions

\*Does this structure challenge traditional building concepts?

-Yes; Alternative interpretation of community centre by not confining space.

\*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, used tires and roof sheeting embody a vernacular design that reflects the contiguous context in which it has been constructed. Being a student design, it shows a more ecological, (younger even?) approach to regular urban development issues.

## 3: References:

Righini P, Thinking Architecturally, 2009

Smuts C, Digest of South African Architecture, 2009, p100-101