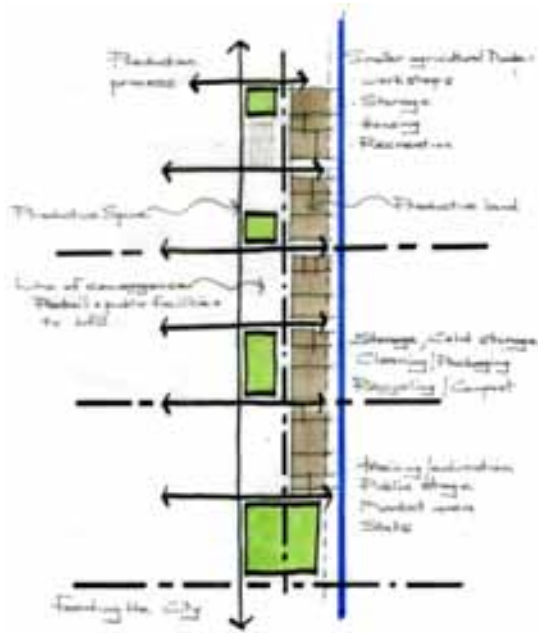
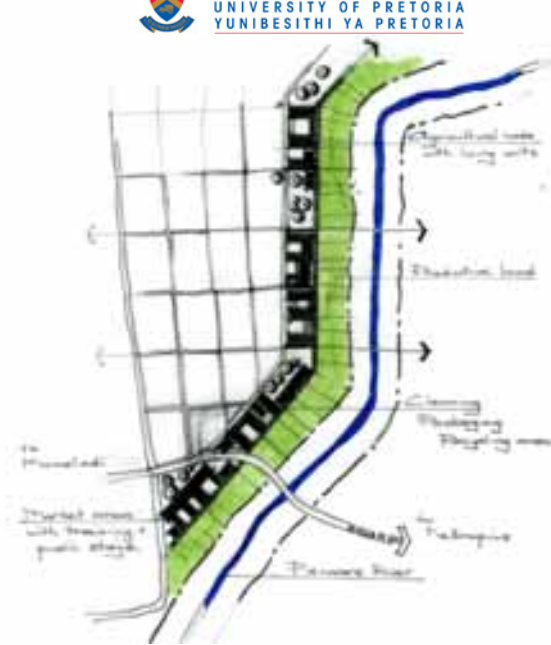




Concept Development



001



002



001 Conceptual drawing exploring the layout and accommodation schedule within the project.

002 Placement of conceptual design on site.

003 First conceptual drawing on the placement of agricultural centre and crops on site.

004 Conceptual drawing on the placement of agricultural centre and crops on site.

005 Drawing exploring the shape and placement of agricultural centre on site.



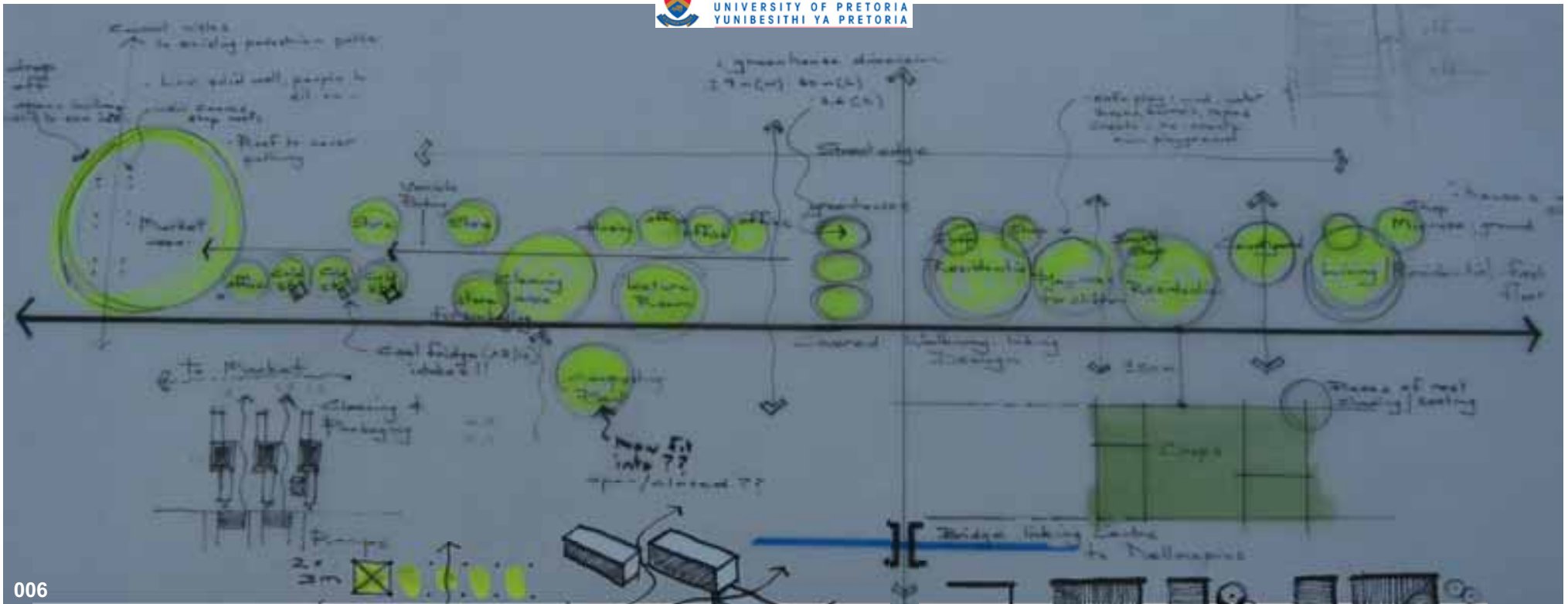
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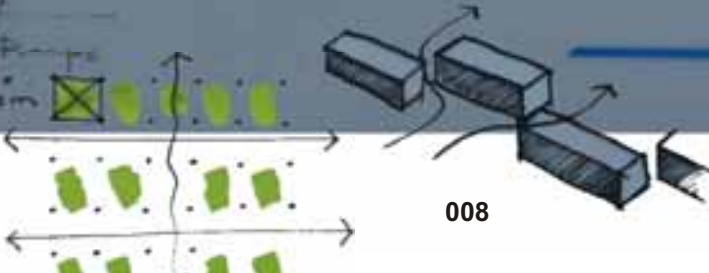
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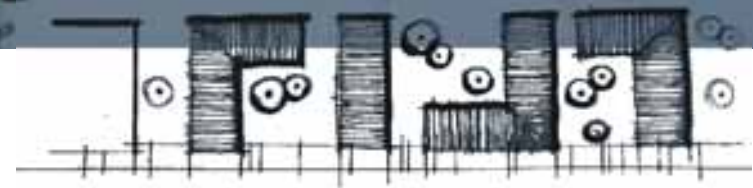
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006



008



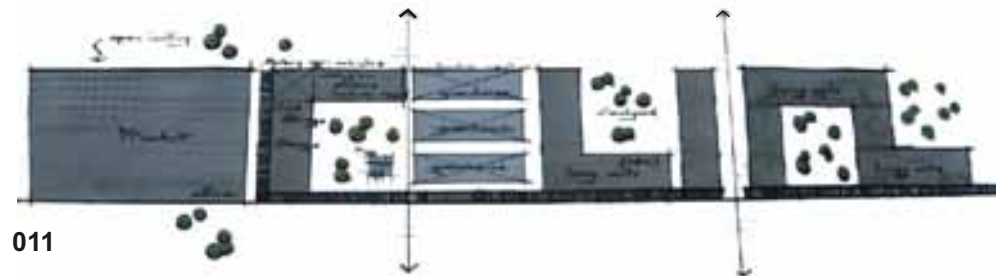
009

007

circles wide = small delivery cars + pedestrians (2-4 m)

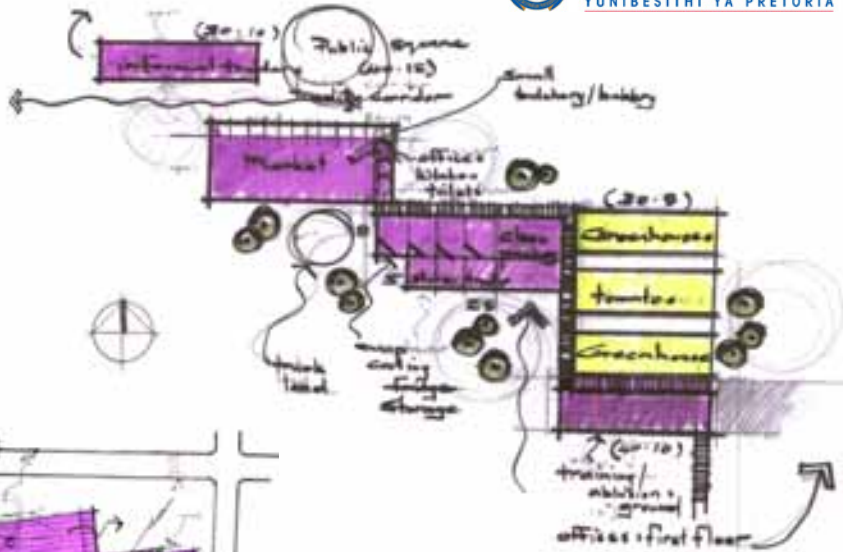


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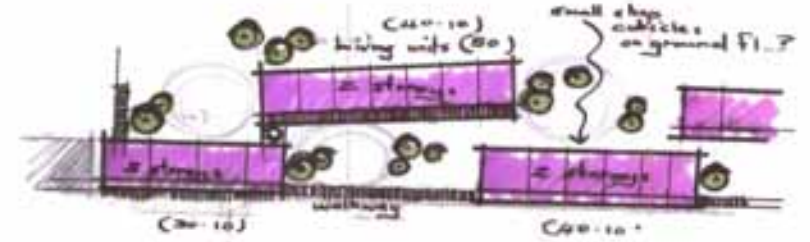


011

- 006 Bubble diagram exploring the layout and accommodation of agricultural centre.
- 007 Drawing exploring the position of individual stalls within the market area.
- 008 Agricultural centre to consist of several individual units.
- 009 Individual units of agricultural centre to be linked by a walkway on the side of the building.
- 010 First conceptual elevation of urban agricultural centre.
- 011 Conceptual drawing exploring layout and shape of agricultural centre.



012



Construction Materials

- Corrugated iron/Gumple cover
 - not local + expensive, but part of well established industry
- Concrete modular blocks
 - Crushed rock → from granite close to (clean cladding) site - simple?
 - Heavy water - rock + modular blocks + close to site!!
- welded mesh, rocks + mortar - been part of tradi wall constr for many
- external walls - sealed with silicone (base point clear maintenance)
- oxide coloured screws

013



014



015

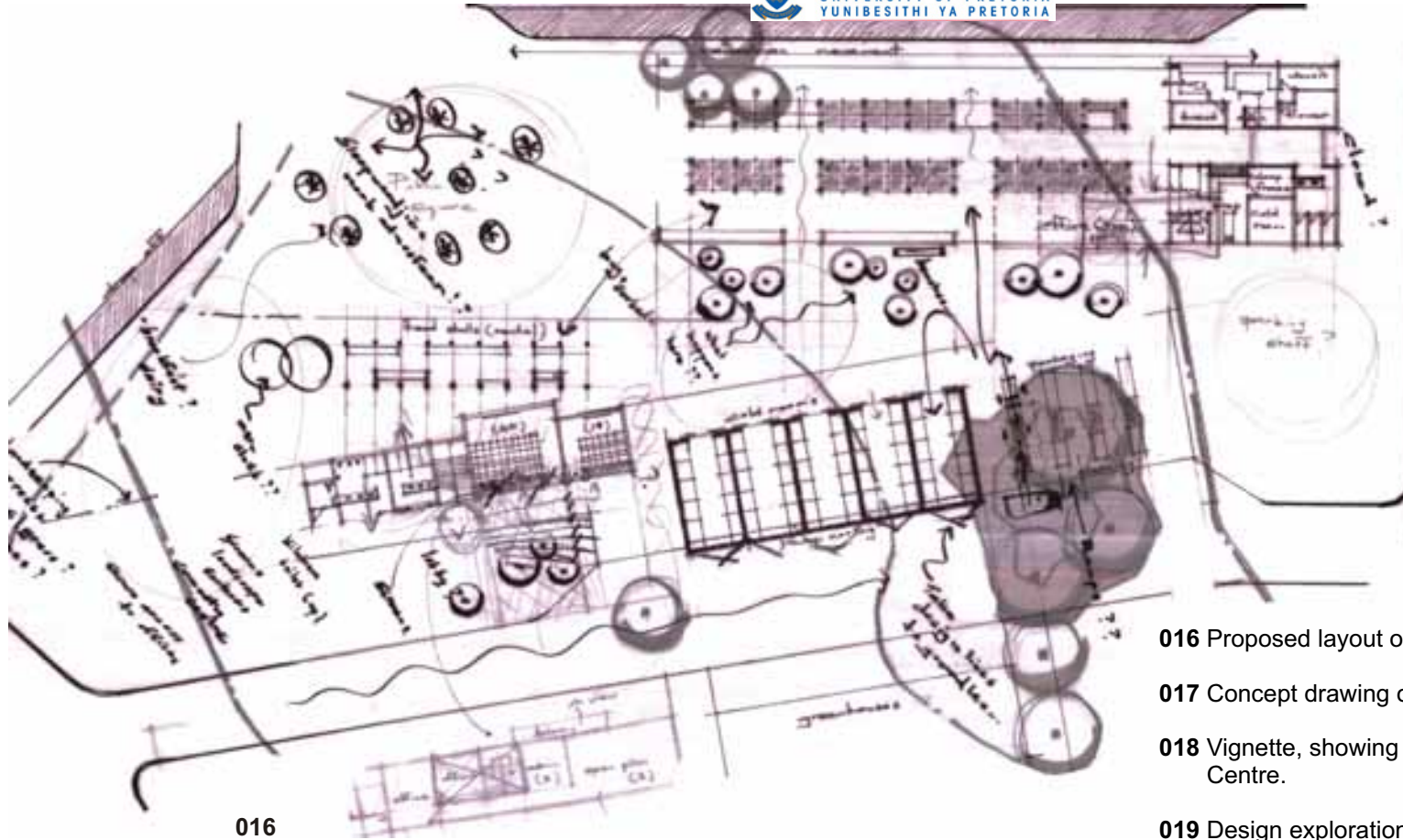
012 Conceptual layout and accommodation of the urban agricultural centre.

013 Drawing exploring the possible layout and accommodation of the housing component for co-operative members.

014 Drawing exploring the position and layout of design on site.

015 Conceptual drawing of the market area.





016

016 Proposed layout of agricultural centre

017 Concept drawing of the market building

018 Vignette, showing the basic layout of the agricultural Centre.

019 Design exploration of possible fruit and vegetable display

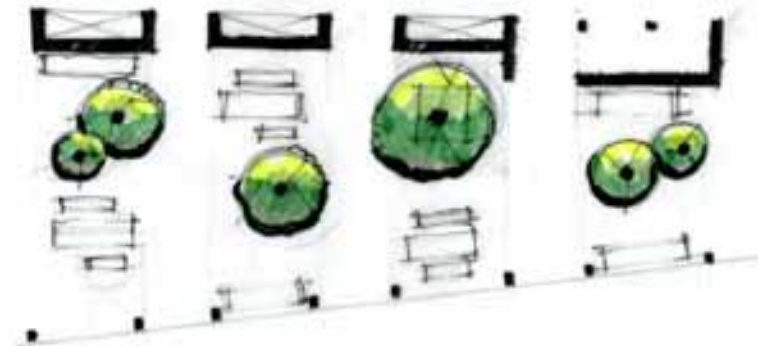


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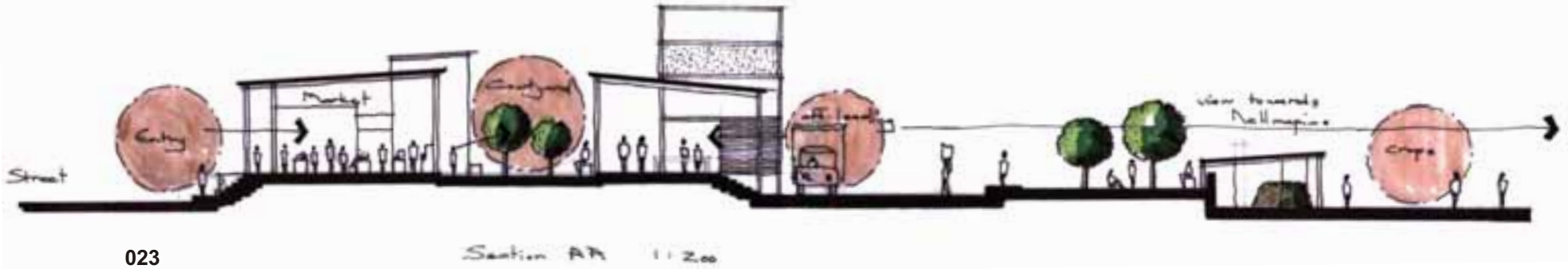
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018





022 Proposed urban design of area around centre



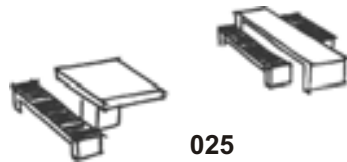
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Section AA 1:200

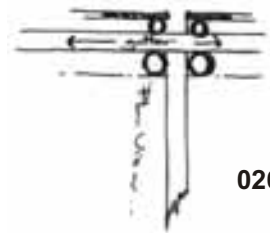


024

Section BB 1:200



025



026



027

023 Section AA; exploration of height and scale.

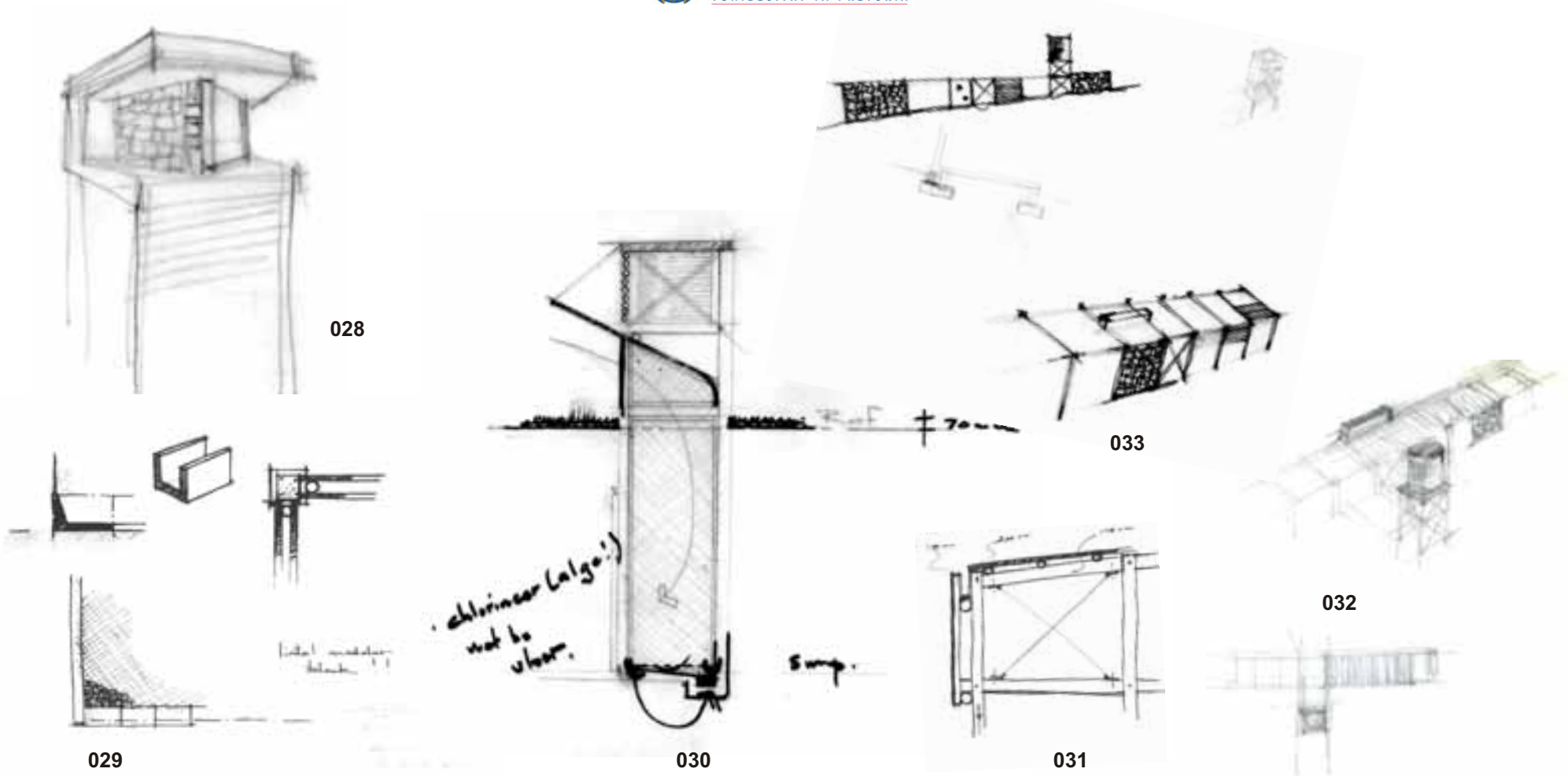
024 Section BB; exploration of height and scale.

025 Design exploration of concrete tables and seating around courtyard

026 Gum pole construction concept

027 Gum pole construction concept





028 Conceptual drawing of evaporative cooling fridges

029 Exploration into the construction of evaporative cooling fridges

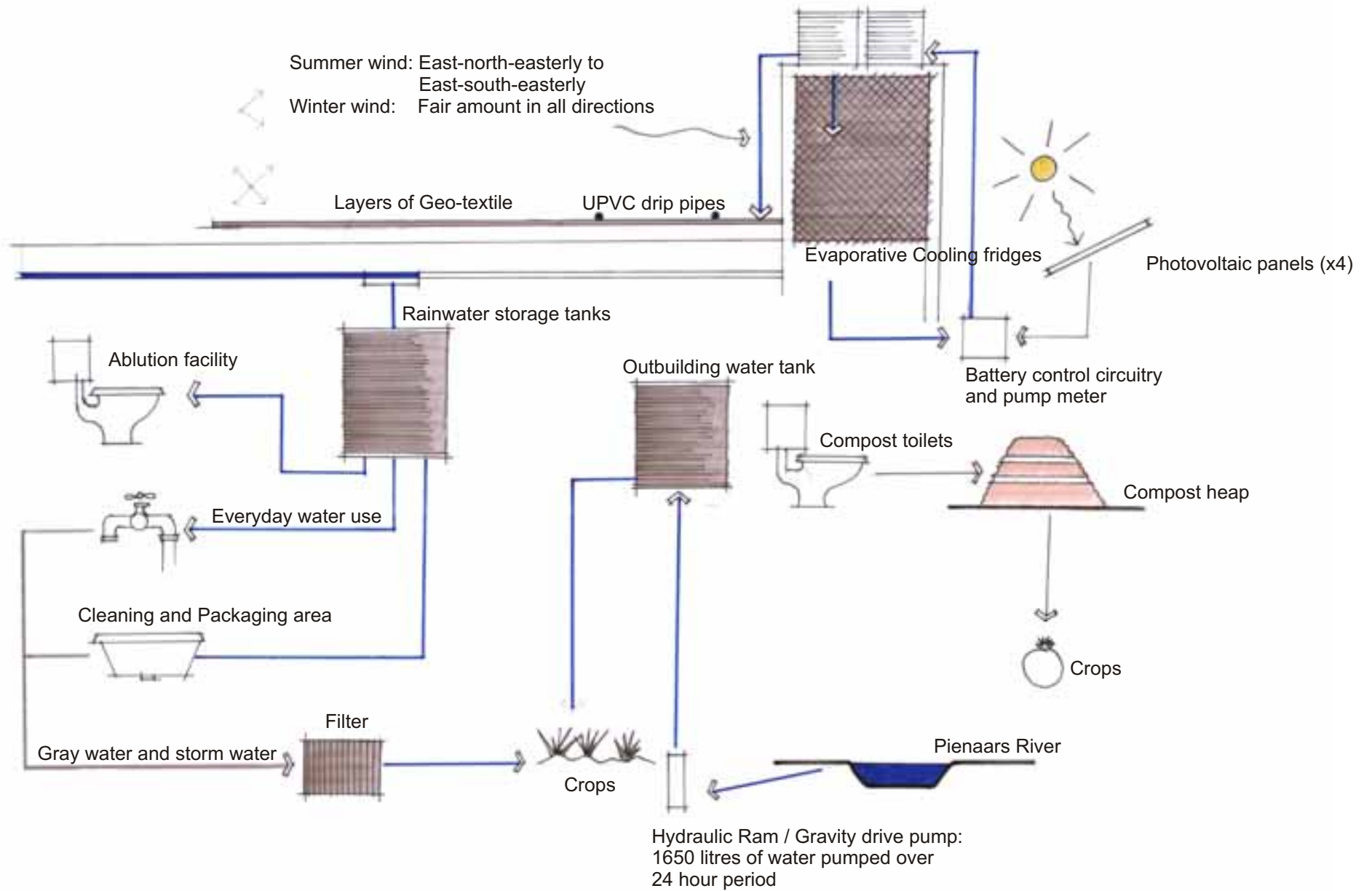
030 Conceptual drawing of evaporative cooling fridges

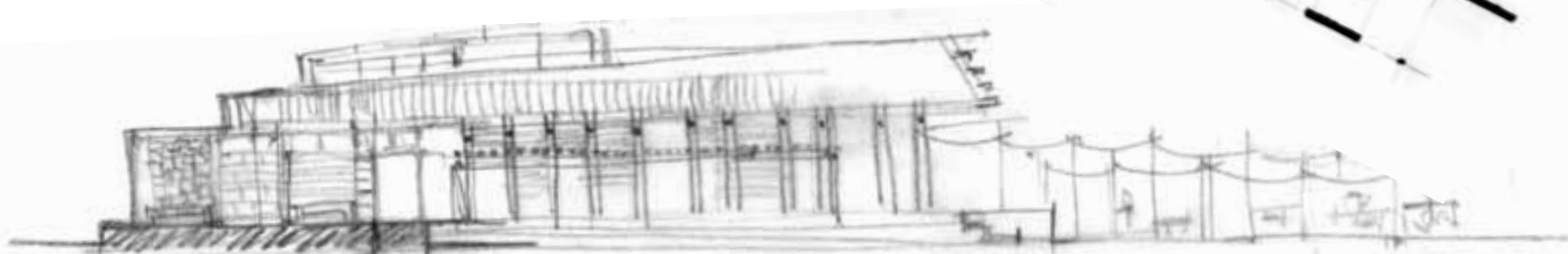
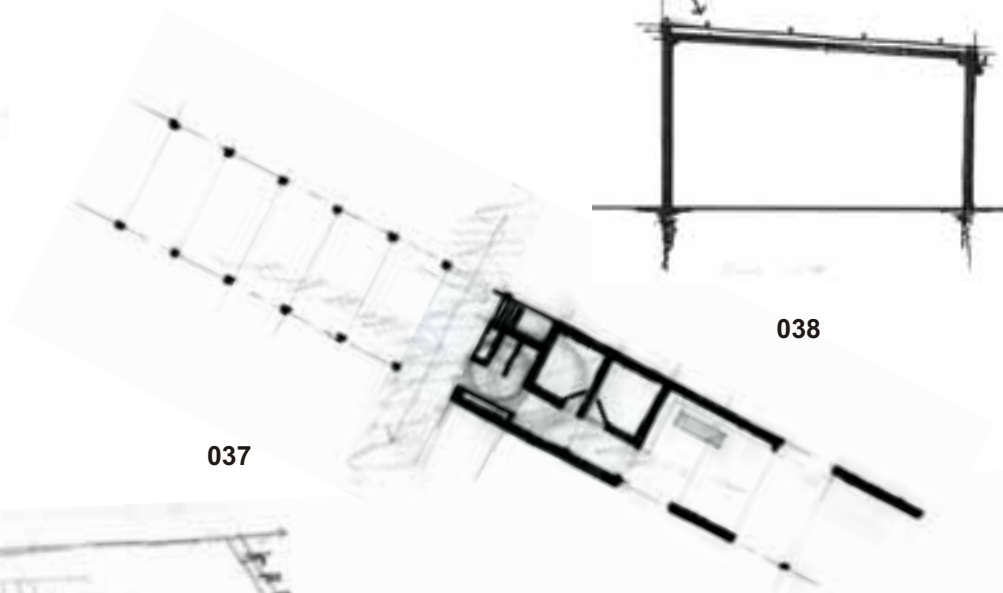
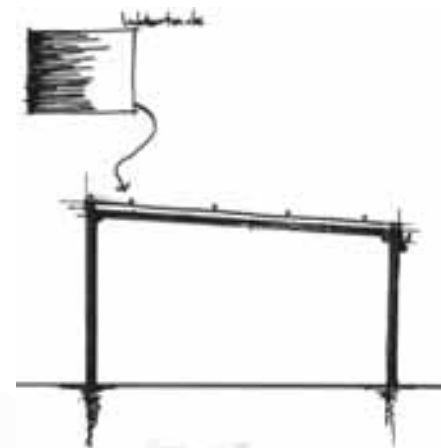
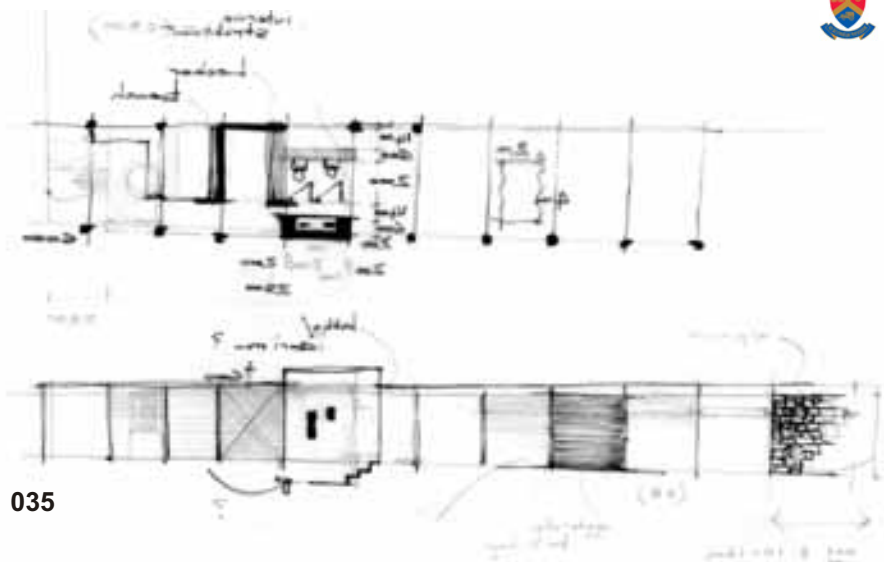
031 Gum pole construction concept

032 Design exploration of urban agricultural outbuildings

033 Design exploration of urban agricultural outbuildings







035 Conceptual layout and elevation of agricultural outbuilding.

036 Conceptual drawing of the market area:
street facade.

037 Proposed layout of agricultural outbuilding.

038 Gum pole construction concept.

039 Concept model of proposed urban agricultural centre.

