08

FINAL

CHAPTER
fig. 8.1. INTRODUCTION TO IRENE DAIRY FARM
fig.8.2. MASTER PLAN OF INTERVENTIONS ON IRENE DAIRY FARM

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fig.8.3. DESIGN APPROACH

THE CONCEPTUAL INTENTION FOR A NEW AGRICULTURAL ARCHITECTURE ON THE ISIKHOSI RIVER FARM.

EXISTING TYPOLOGY VS NEW TYPOLOGY

THE EXISTING TYPOLOGY HAS A HEAVY STEREOTOMIC BASE.
THE LIGHT TECTONIC ELEMENTS ARE PLACED ON THIS HEAVY BASE.

THE INTENTION OF THE NEW TYPOLOGY IS TO SIMPLY EXTEND THE HORIZONTAL SURFACE
WITH STEREOTOMIC ELEMENTS AND THEN PLACE LIGHT WEIGHT TECTONIC
ELEMENTS ON TOP OF THIS EXTENSION OF THE LANDSCAPE.

PLACING LIGHT TECTONIC ELEMENTS NEXT TO EXISTING STEREOTOMIC STRUCTURES

EXTENDING THE LANDSCAPE WITH HORIZONTAL STEREOTOMIC ELEMENTS.
PLACING THESE ELEMENTS INTO OR ON TOP OF THE LANDSCAPE.

THE FINAL APPROACH IS THE COMBINATION OF PLACING STEREOTOMIC ELEMENTS INTO THE LANDSCAPE AND LIGHT TECTONIC ELEMENTS ABOVE THE LANDSCAPE.
fig.8.4. PLANS AND DESIGN DEVELOPMENT OF THE AGRICULTURE EDUCATION AND TRAINING FACILITY
fig.8.10. FINAL SECTIONS
fig.8.13. SECTION E
fig.8.14. SECTION DEVELOPMENT
fig.8.15. **ELEVATIONS**
fig. 8.18. ENGINEERING DEPARTMENT DEVELOPMENT

fig. 8.19. LECTURE HALL DEVELOPMENT
fig.8.20. ENGINEERING DEPARTMENT PROGRESS
fig. 8.22. LECTURE THEATRE _SECTION A
fig.8.24. MANAGERS TOWER SECTION
fig.8.25. MANAGERS TOWER AXONOMETRIC SECTION
fig. 8.26. LABORATORY AND OFFICE AXONOMETRIC SECTION

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fig. 8.27. AXONOMETRIC SECTION OF LABORATORY AND MANAGEMENT OFFICE
fig.8.29. LECTURE THEATRE STRUCTURE
ISOMETRIC PLAN
LECTURE THEATRE - THEORETICAL CLASSES
AMPHITHEATRE - AUCTIONS, FUNCTIONS

fig.8.30. LECTURE THEATRE ISOMETRIC PLAN
fig. 8.31. LABORATORY STRUCTURE
fig.8.32. FINAL AXONOMETRIC VIEW
fig.8.33. LECTURE THEATRE PERSPECTIVE
fig.8.34. AMPHI THEATRE PERSPECTIVE

fig.8.35. LECTURE THEATRE ENTRANCE
fig.8.36. MANAGERS OFFICE
fig.8.37. AGRICULTURE EDUCATION AND TRAINING PRECINCT
fig.8.39. FINAL MODEL PERSPECTIVE VIEW
fig.8.40. FINAL MODEL PLAN VIEW
fig.8.41. FINAL MODEL PLAN VIEW WITH EXISTING TREES
fig.8.42. FINAL MODEL MAIN PEDESTRIAN BOULEVARD VIEW

fig.8.43. FINAL MODEL AMPHI THEATRE
fig.8.44. FINAL MODEL LECTURE THEATRE
fig.8.45. FINAL MODEL MANAGERS TOWER
fig. 8.46. FINAL STRIP MODEL OF LABORATORY AND OFFICE DECK
CONCLUSION

The clear conclusion for the Lactis intervention on the Irene Dairy Farm is control, over the architecture that was suggested for the Agriculture Education and Training facility. The proposed programme is perfectly suited for the current education milieu in South Africa, where funding for the masses in terms of education is crucial and not readily available. With the funding from an established estate, the Irene Dairy Farm, agricultural education will address a need for affordable education in a sector that will soon become in high demand in the southern African region.

Through the course of the year the design has developed to become better suited for the farm and the specific space where the architecture was proposed. It was in turn determined and almost dictated by the existing conditions and buildings that surround the new buildings. The proposed scheme for the June examination had an alien aesthetic to the existing architecture and would not have functioned as intended. The intent was that the new design should intervene but not interfere with the existing conditions, in terms of aesthetics as well as function.

If the question is raised that would this be possible? Definitely, with suitable funding from the land owners and government, this programme will surely make a difference in the gap between secondary and tertiary education as a high-tech college.