



### *Preliminary*

The culmination of research in the preceding pages lies in the following pages. It is the presentation of the proposed facility for the development and promotion of motorsport in South Africa. It is envisaged that an establishment of this nature will address the needs of a dying interest in motorsport and get the youth more involved in a pastime that provides sheer entertainment to many people around the world.



The facility comprises three connecting, but separate, functioning entities:

First is the rotunda, a glass landmark cylinder positioned at the southern most point on the site where the junction of the major roads is located. It consists of a pedestrian ramp with strategically placed landings to allow maximum views onto the Kyalami business precinct and Kyalami Grand Prix Circuit. It also allows for exhibition of all things to do with Kyalami's evolution and is an important element in flowing vertical circulation. The glass shell of the rotunda sits free of the ramp and is shaded on east, west and north facades.

Connecting off the rotunda in a northerly direction is the flat, concrete roofed admin block, separated by the clearly defined entrance, which allows access to the entire facility (left into rotunda, right into the admin block and museum and straight through to the outside restaurant area). The admin block houses all the necessary office and work spaces for the new Kyalami business precinct through three floors of alternating double and triple volumes.

Flowing out to the west of the admin block is the second element, the retail curve. A quarter circle bending north that consists of retail spaces (clothing and memorabilia shops and a restaurant on ground floor, a motor book shop on first floor and a dedicated bar and fast food outlet on the second floor), circulation and service spaces and a public seating area on the second floor. This seating area is positioned ideally to allow for maximum viewing of the racing with an uninterrupted view from the entry to the Vodacom straight through Imperial sweep and up and around Nashua corner.

Moving north off the retail curve is the motorsport museum, the third element. It is a series of six display, double and triple, volumes connected by smaller, narrower transition spaces on the ground floor. The form on plan of the exhibition areas is generated from the shape of the track adjacent to the proposed facility and allows for ideal viewing of racing from any point along the curved axis. On the track side of the second floor is a succession of private viewing boxes which are hired out by individuals, groups or companies for individual races or as season tickets. These boxes are also connected by the transition and service spaces as well which also allow for vertical circulation on busy race days.

figure 6.02\_south western view of model



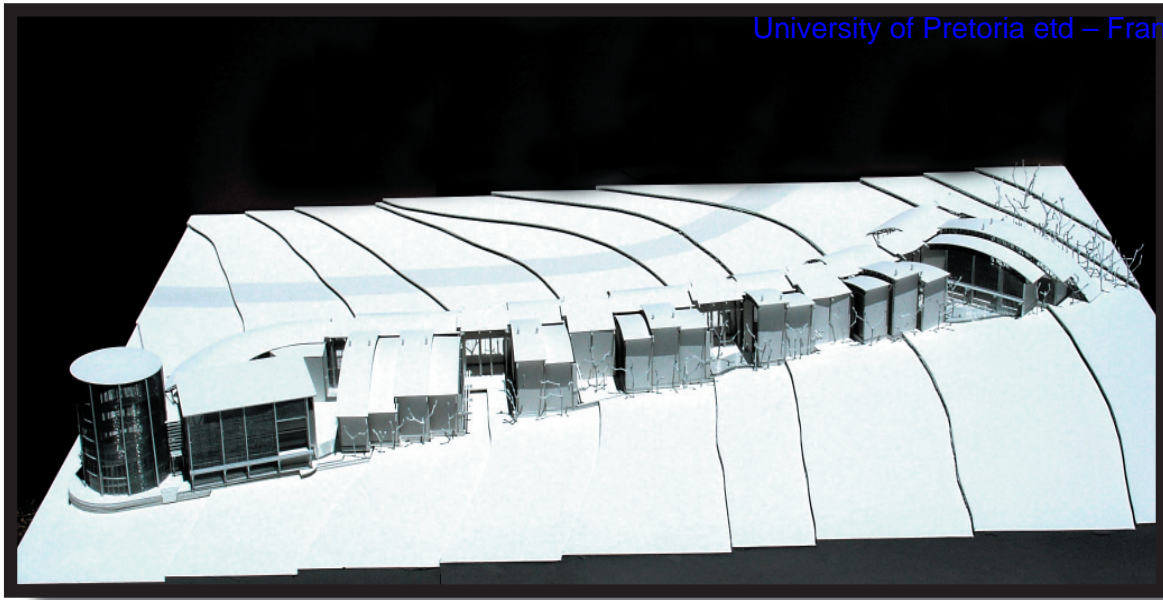


figure 6.03\_eastern view of model

figure 6.04\_north western view of model

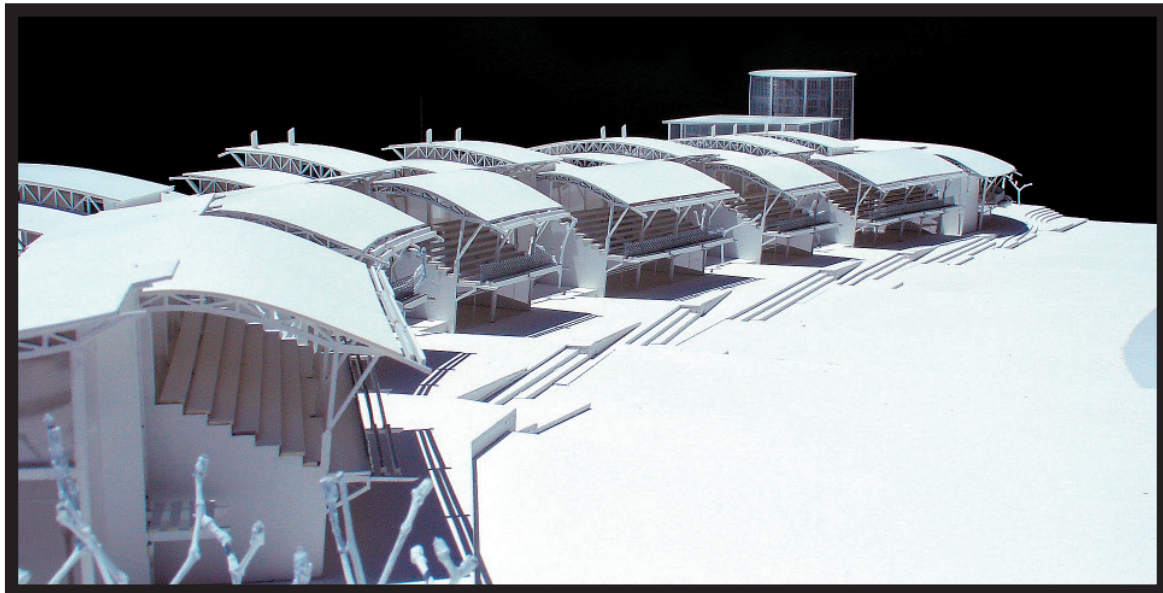


figure 6.05\_aerial view from the north of model

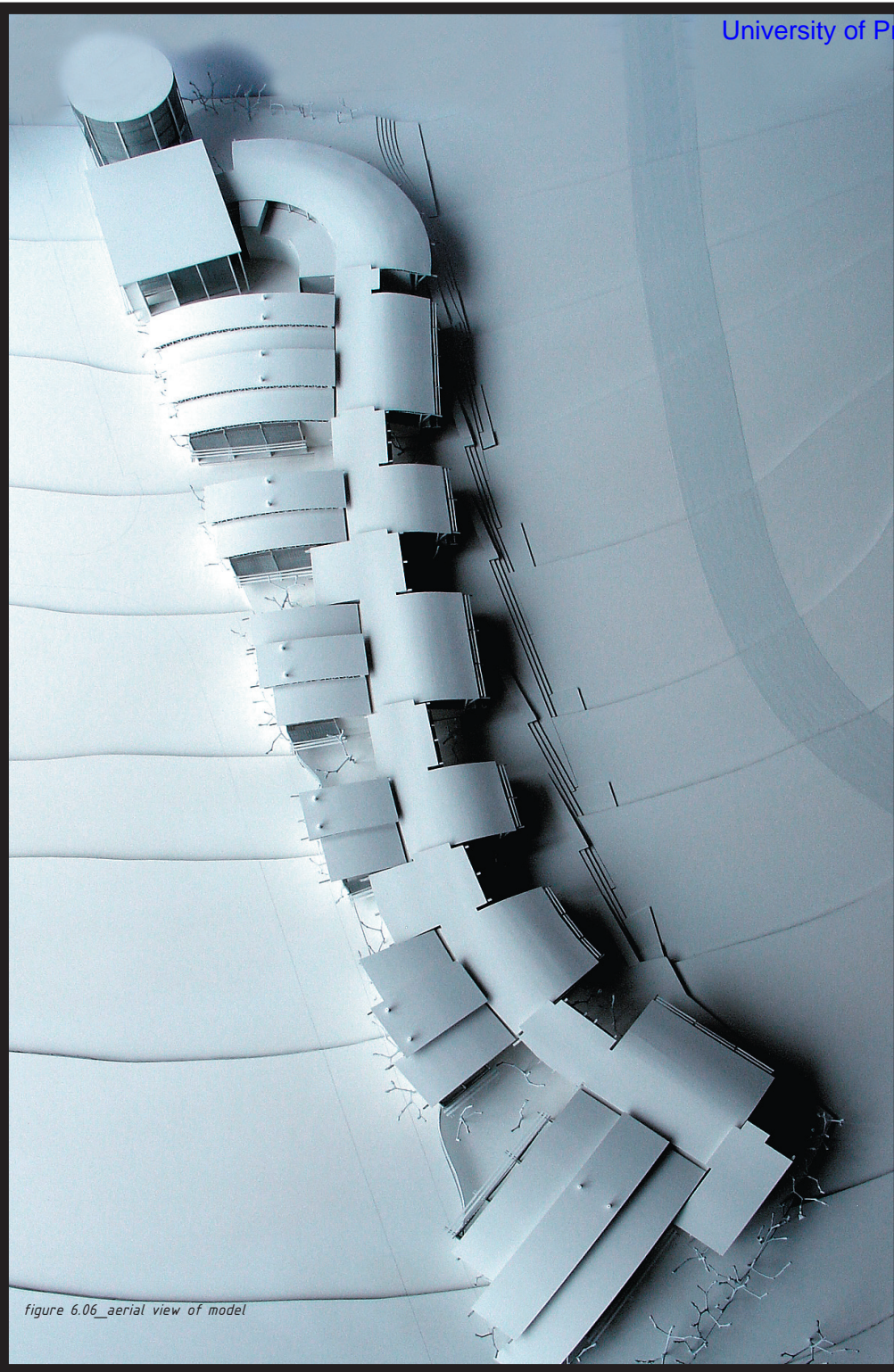


figure 6.06\_aerial view of model

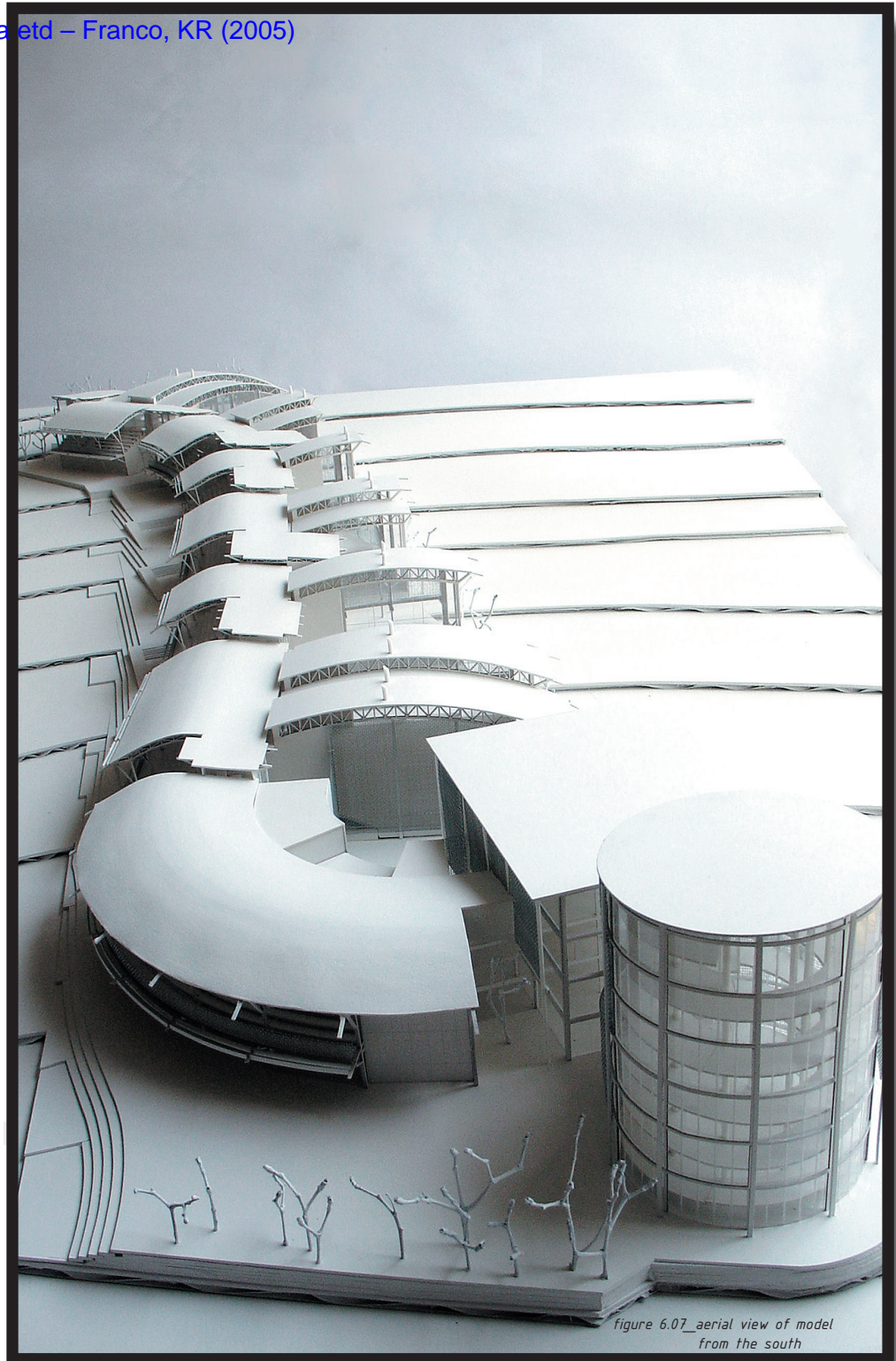
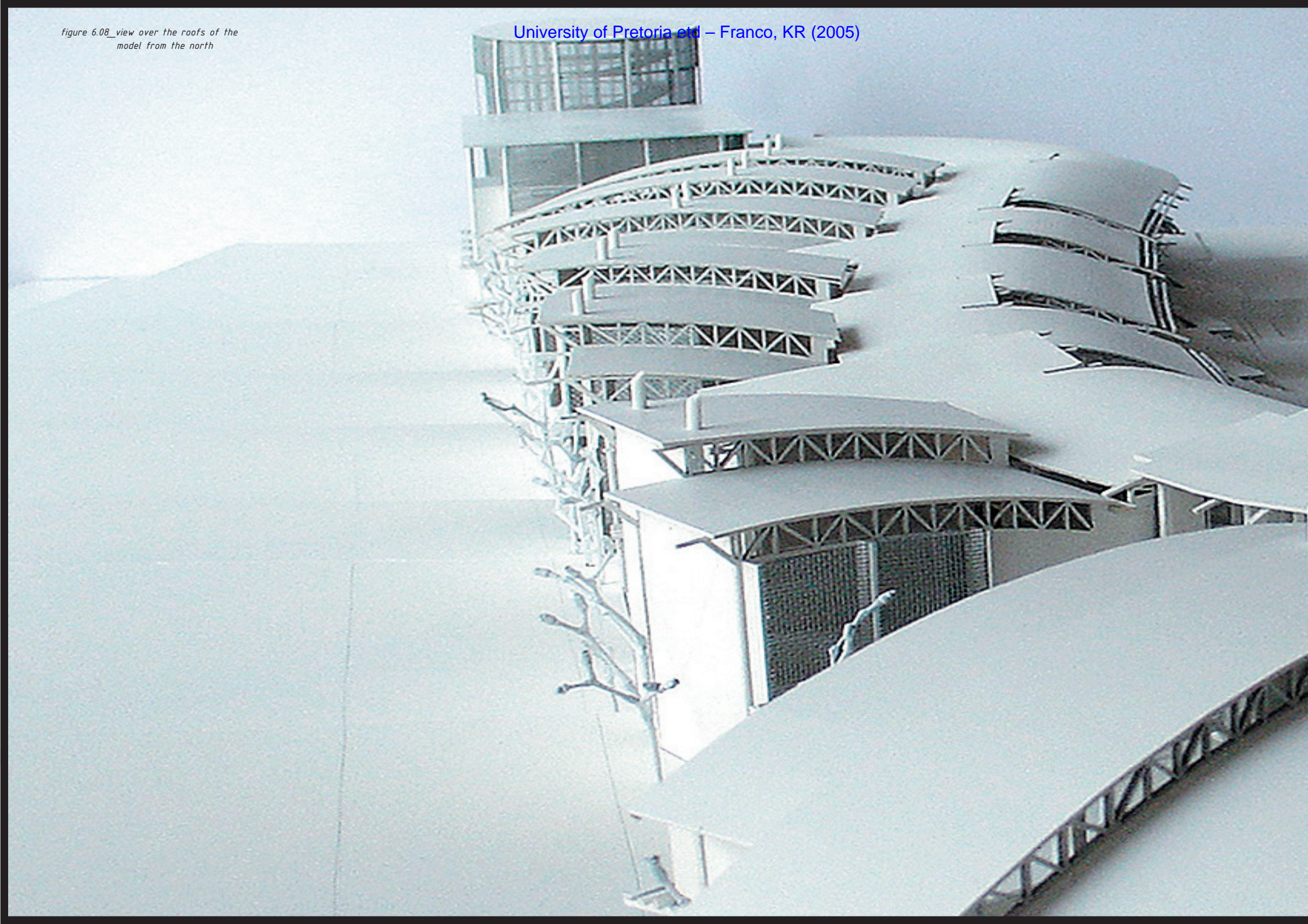


figure 6.07\_aerial view of model from the south

figure 6.08\_view over the roofs of the  
model from the north

University of Pretoria etd – Franco, KR (2005)



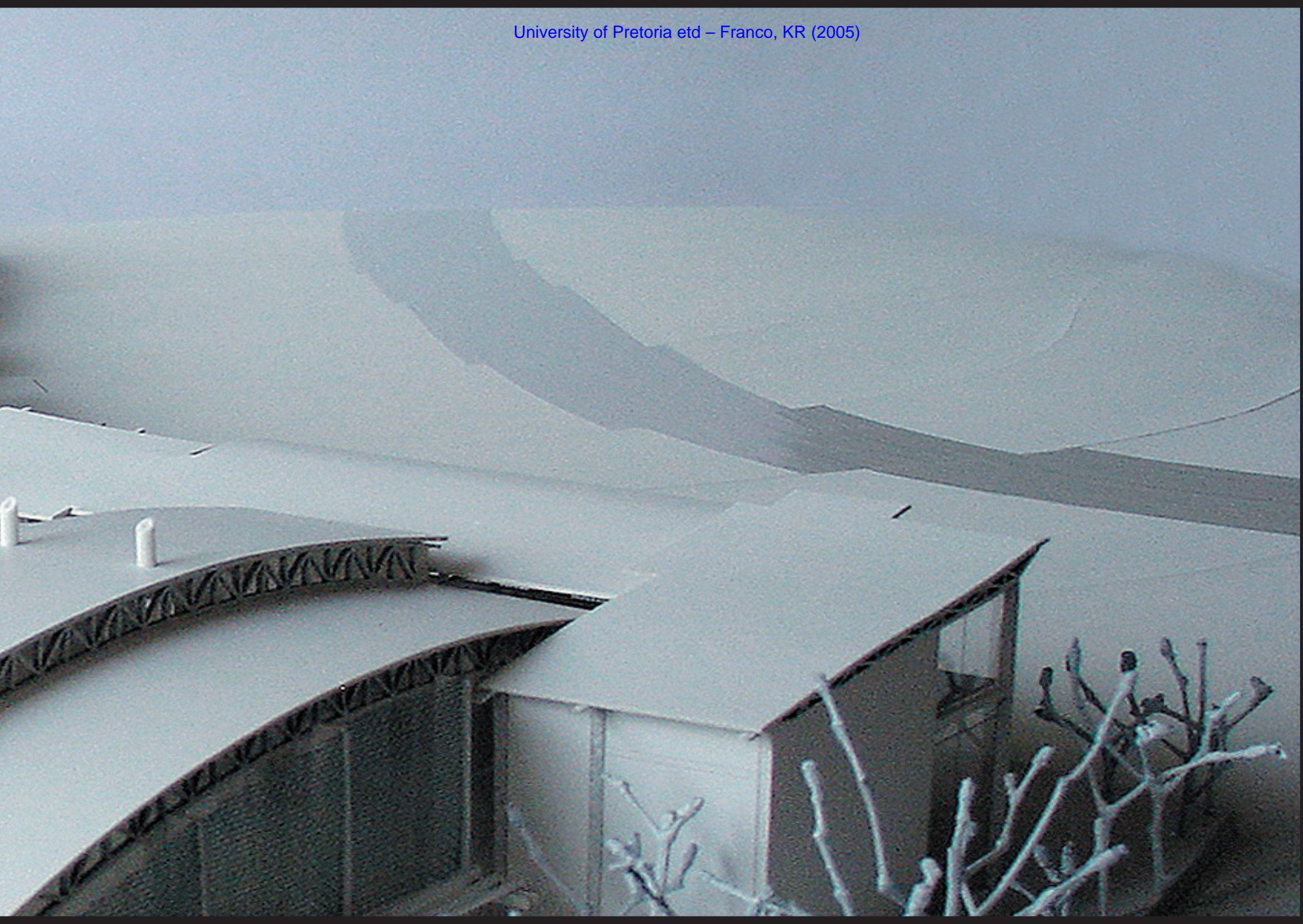


figure 6.09\_evening view of end museum shed on model

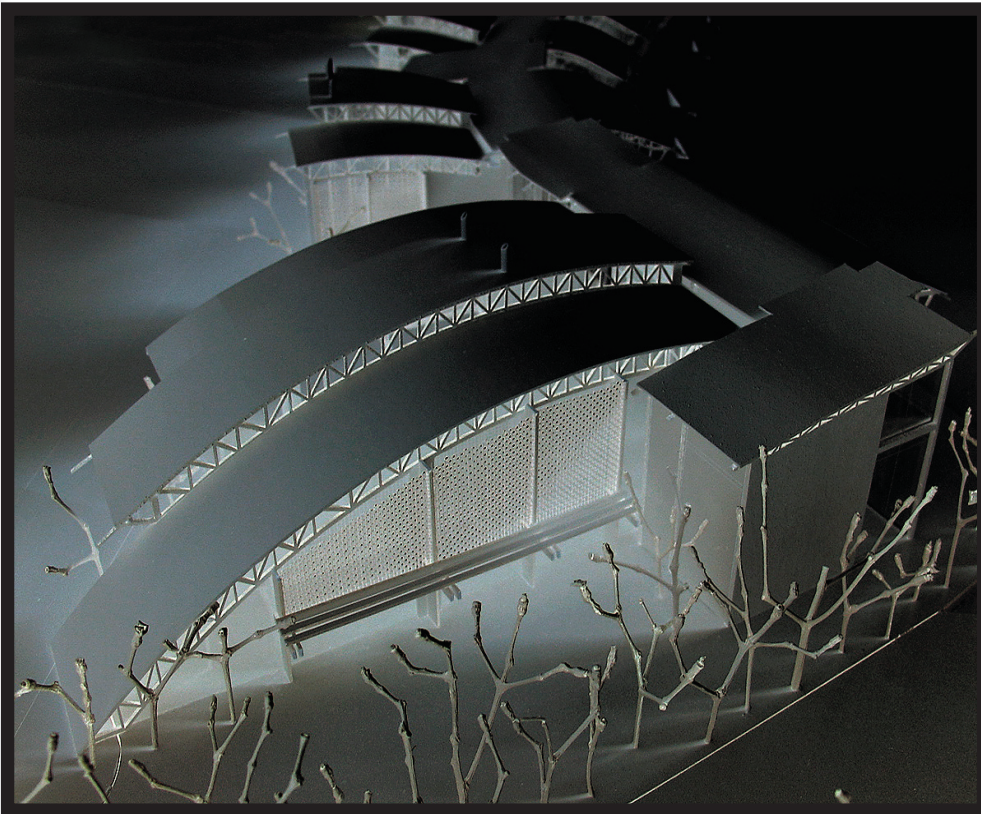


figure 6.10\_evening view of transition space and private seating box on model

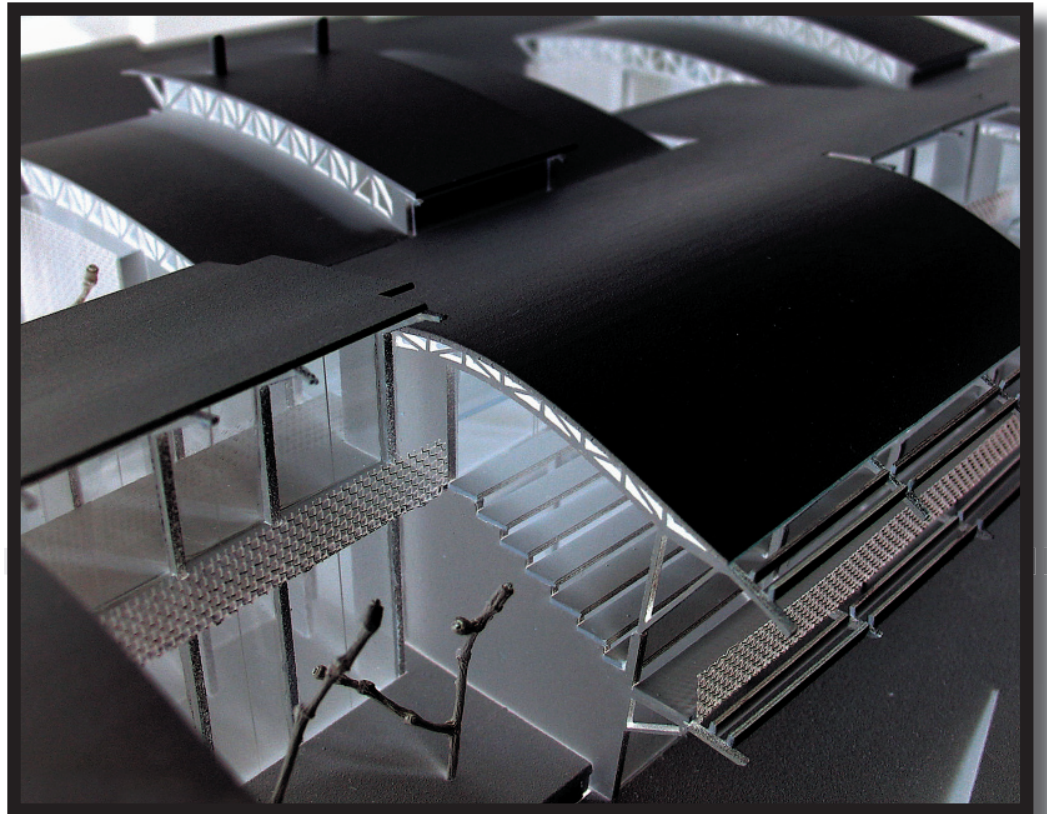




figure 6.11\_evening view of rotunda and admin block on model

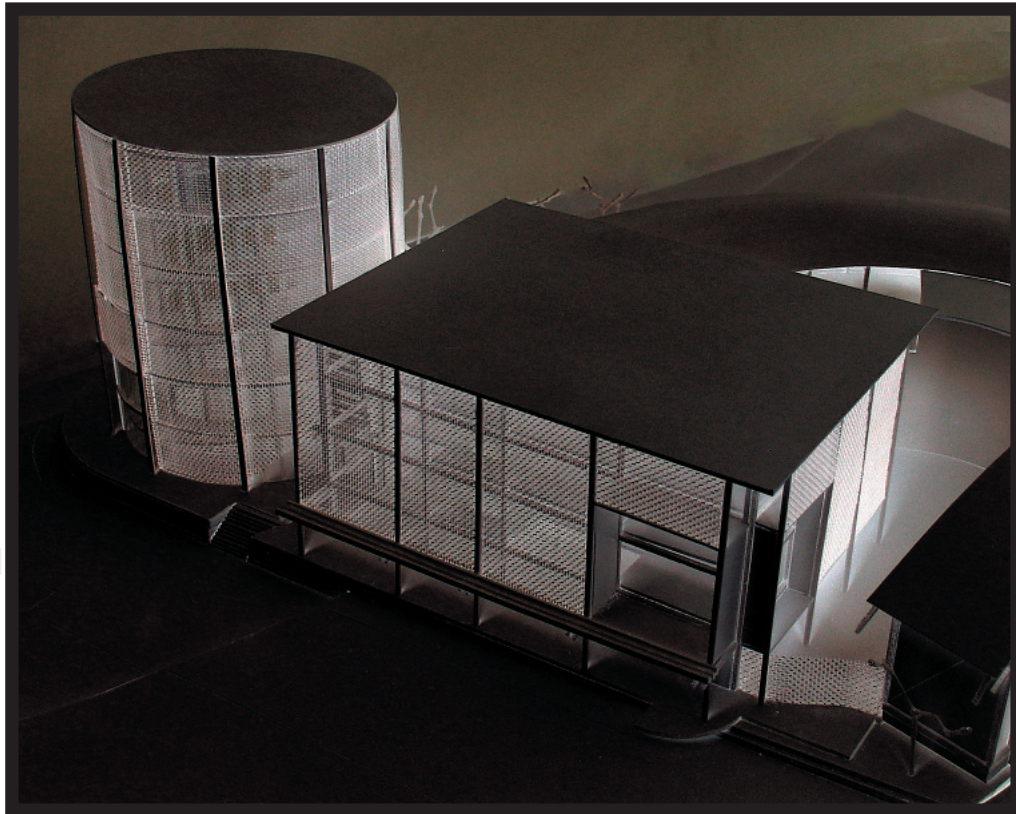


figure 6.12\_evening view of first museum shed on model

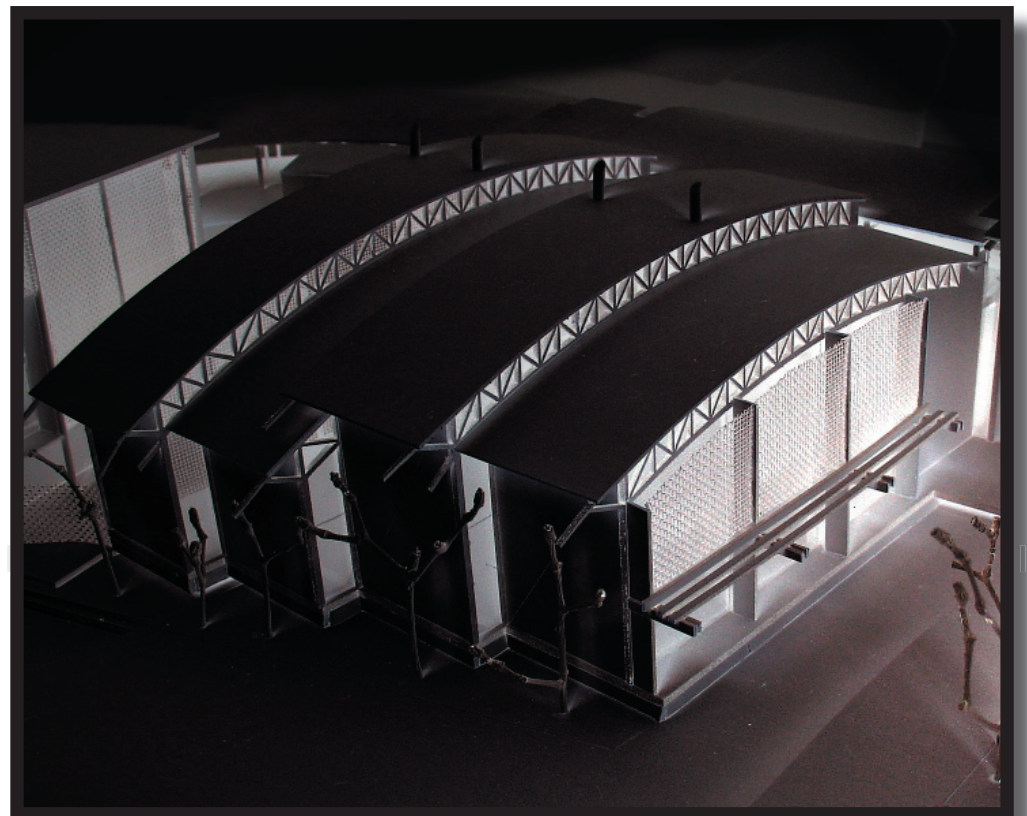


figure 6.13\_aerial evening view of model

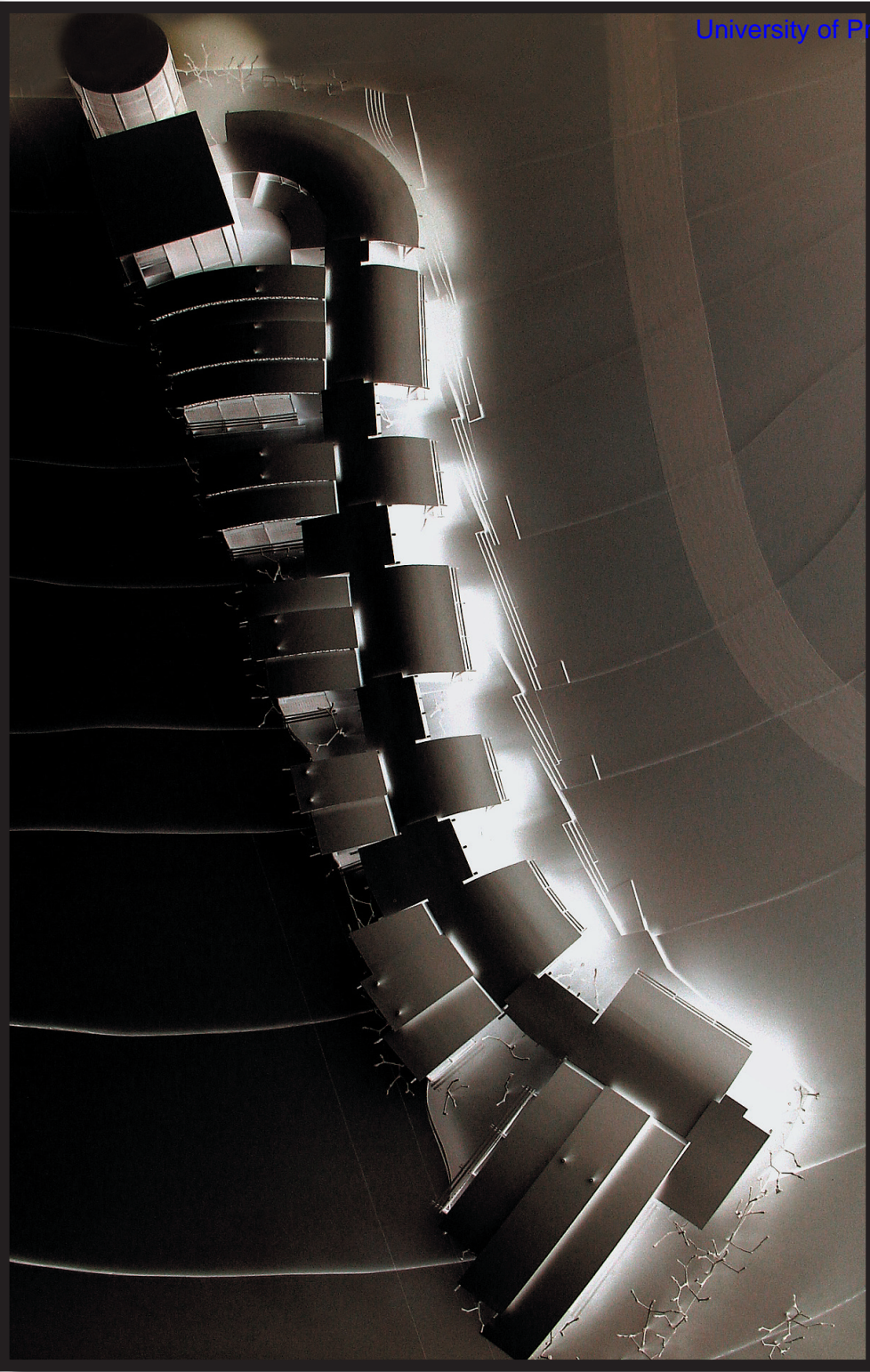


figure 6.14\_northerly view of model

figure 6.15\_(bottom)\_view of model from the south showing rotunda and retail curve

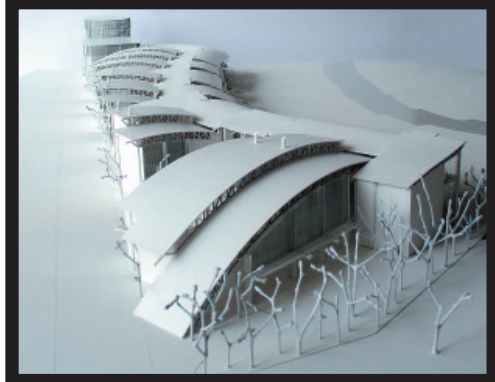


figure 6.16\_south eastern view of model with rotunda

figure 6.17\_(bottom)\_view of model from the east showing outside display space

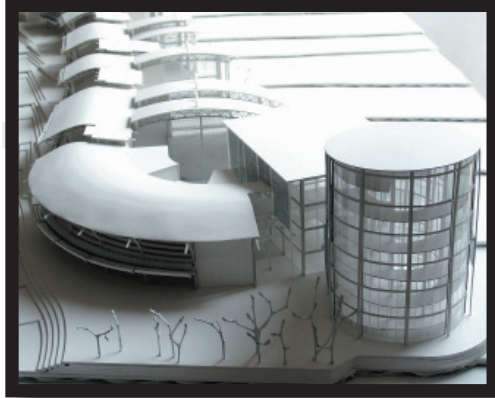
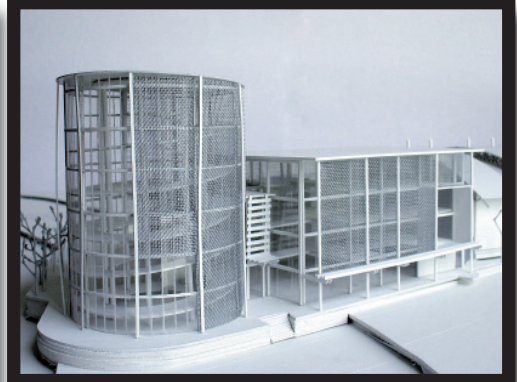


figure 6.18\_structural view of model from the north  
figure 6.19\_(bottom)\_north eastern structural view of model

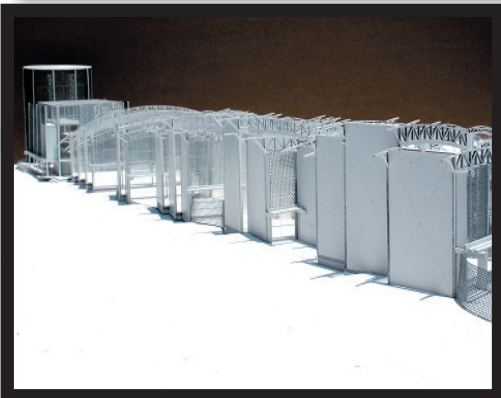
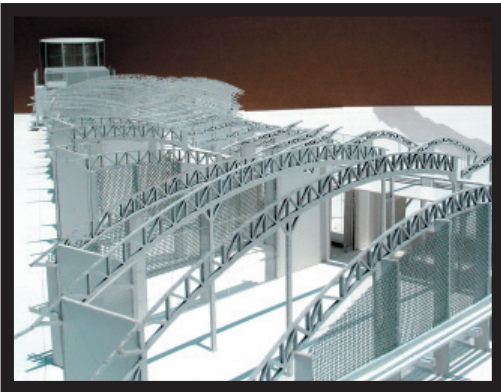


figure 6.20\_structural view of model from the north west  
figure 6.21\_(bottom)\_south west structural view of model showing the public seating area

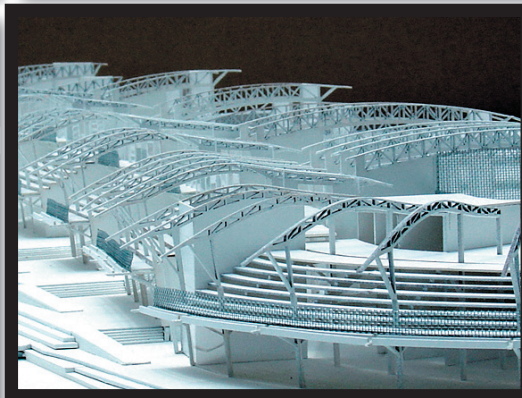
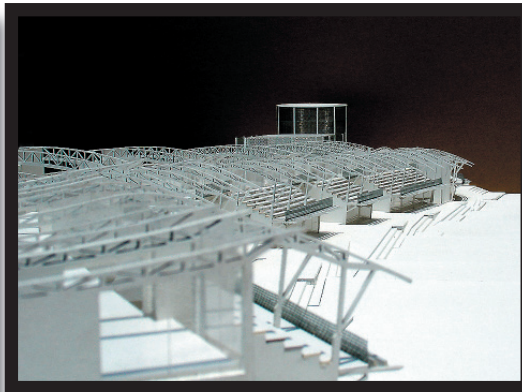


figure 6.22\_structural view of the admin from the north east  
figure 6.23\_(bottom)\_view of the last museum shed and outside display area

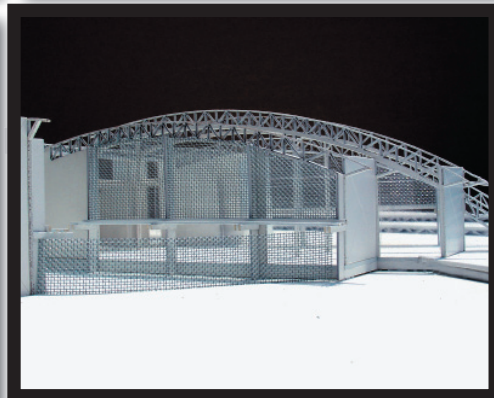
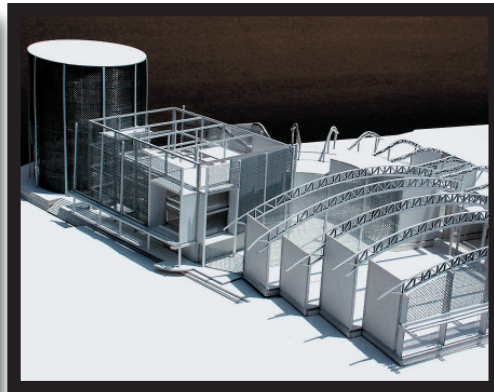


figure 6.24\_aerial structural view of model from the north



figure 6.25\_rendered view of the first museum shed

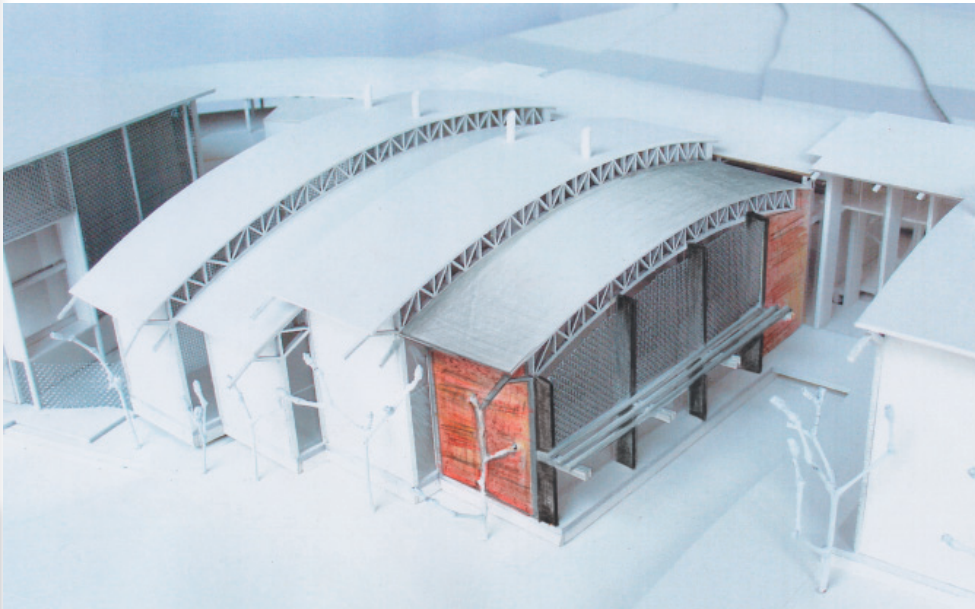


figure 6.26\_rendered view of a private box and transition area

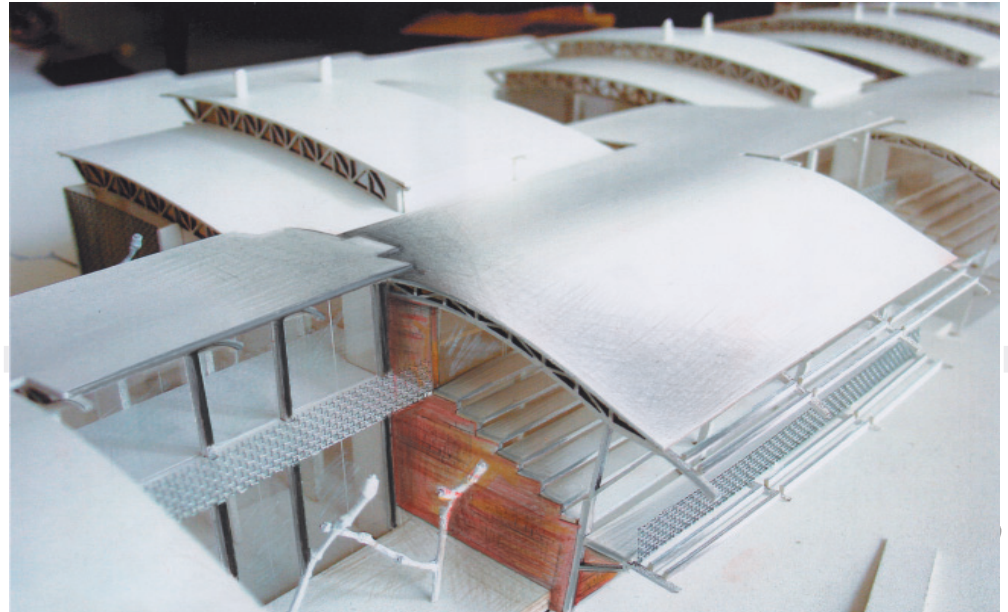


figure 6.27\_rendered view of the last museum shed and vertical circulation shaft



figure 6.28\_rendered view of a museum shed and outside display space

