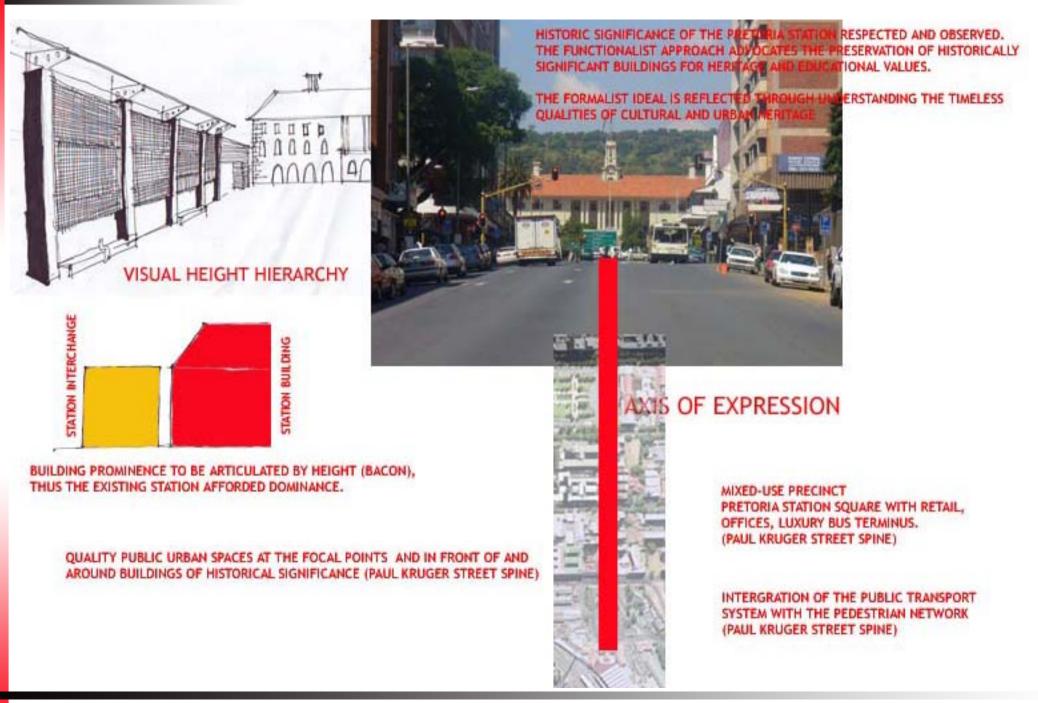
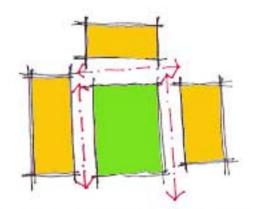
CHAPTER 4

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FUNCTIONALIST- Promotes communial intercation (civic) in the city core.

HUMANIST- Concerned with the social domain in architecture.

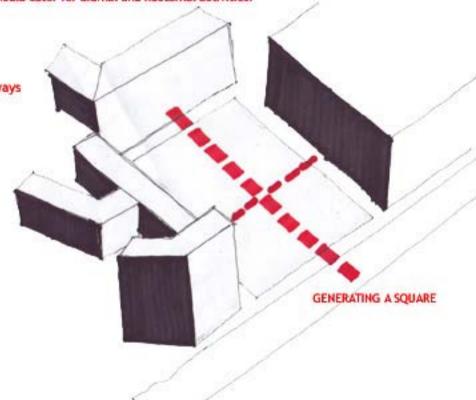
## THE SQUARE AND THE STREET DEFINE THE STREET (KRIER)

Ideally, equilibrium of commercial and cultural activities should be maintained in any public square, dependant upon location, such a square should cater for diumal and nocturnal activities.

SQUARE DEFINED BY BUILDINGS IN A U-SHAPE Opening up to it, and fully accessible by means of pedestrian walkways

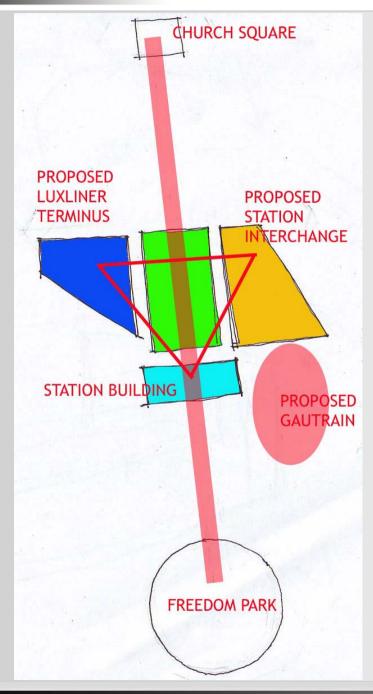
URBAN SPACE-"space between buildings in towns and other localities."
KRIER

CIVIC SQUARE ACTIVITIES
RECREATION/LEISURE
TOURISM
INFORMAL TRADE/MARKETS
THOUROUGHFARE
RELIGIOUS GATHERINGS
OPEN-AIR ENTRTAINMENT
POLITICAL RALLIES
LIVE BROADCASTS
PAUSE SPACE



#### UBUNTU

Similarly to urban planning principles, the pattern of traditional homesteads is characterized by a centrally placed courtyard. This courtyard is the communial social space. The Rooms are usually just the shelter spaces at night and during undesirable weather.

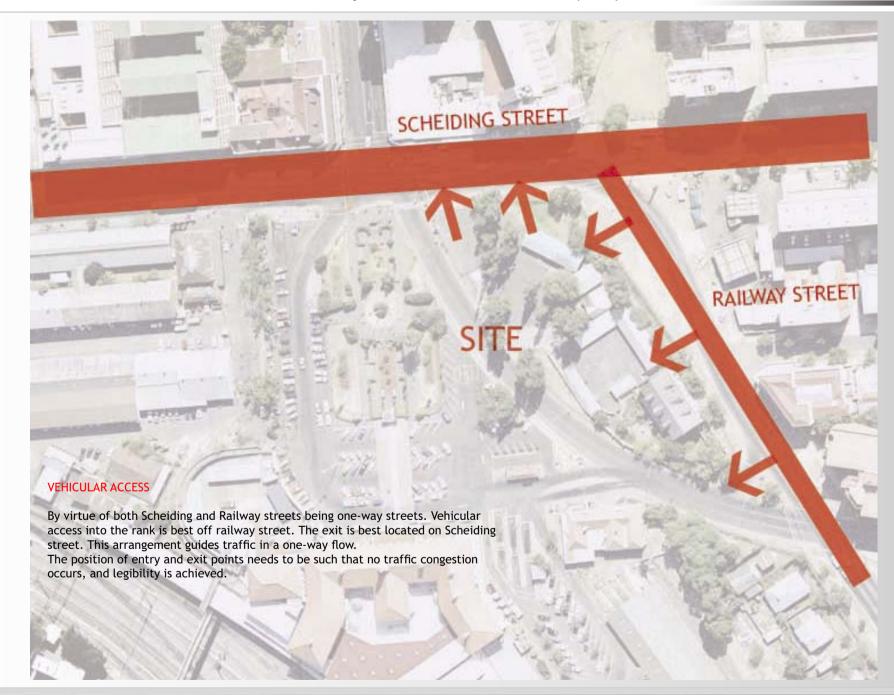


#### IMPACT OF SURROUNDING DEVELOPMENT.

The positioning of the proposed new luxliner terminus, combined with the existing station building, and propsed station interchange enhance the intermodal status of the Pretoria station.

The locationing of the 3 forms of transport modes create a triangular shaped interdependent link. The result is that the developments frame the civic space, thus creating a vibrant and defined public square.

An opportunity exists to make the Pretoria station the gateway into the city, the point of orientation, and an intermodal interchange reflective of the Capital city status.

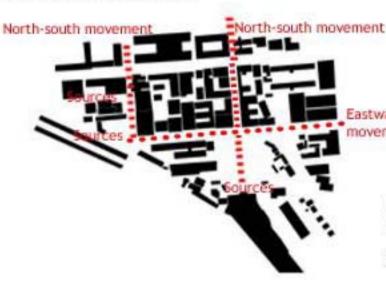




#### CONCENTRATION OF PEDESTRIAN MOVEMENT AROUND PRECINCT

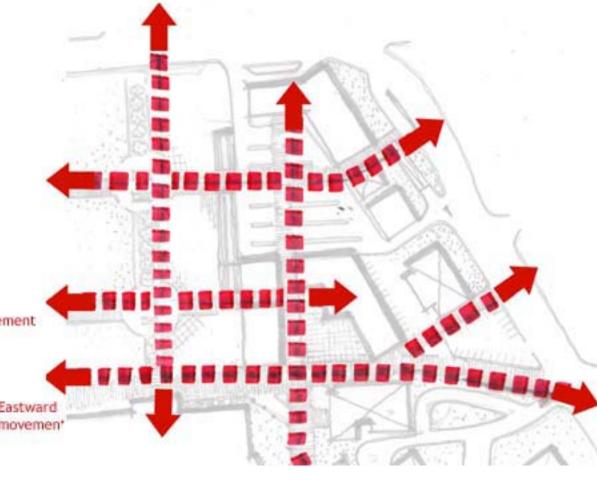
People walk the 400m distance between Pretoria station, Bosman station and the Bosman taxi rank. The major pedestrian movement is in a north-south axis, heading into the city, with some eastward movement

heading into the city, with some eastwa heading towards the Sunnyside area.



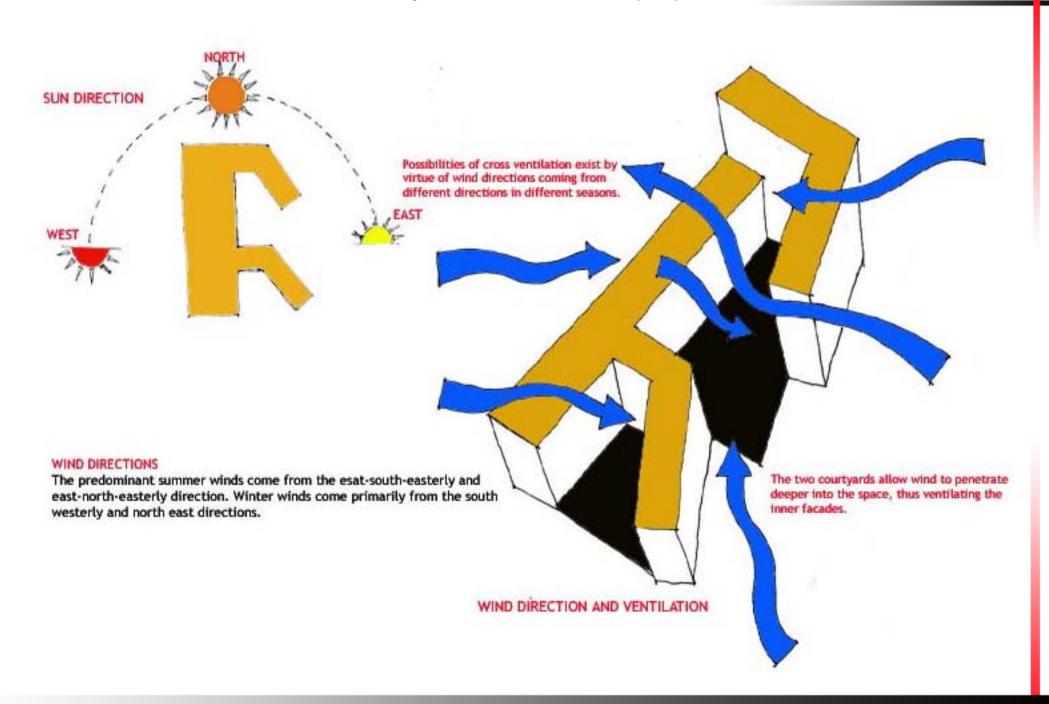
#### CONCENTRATION OF PEDESTRIAN MOVEMENT AROUND THE SQUARE

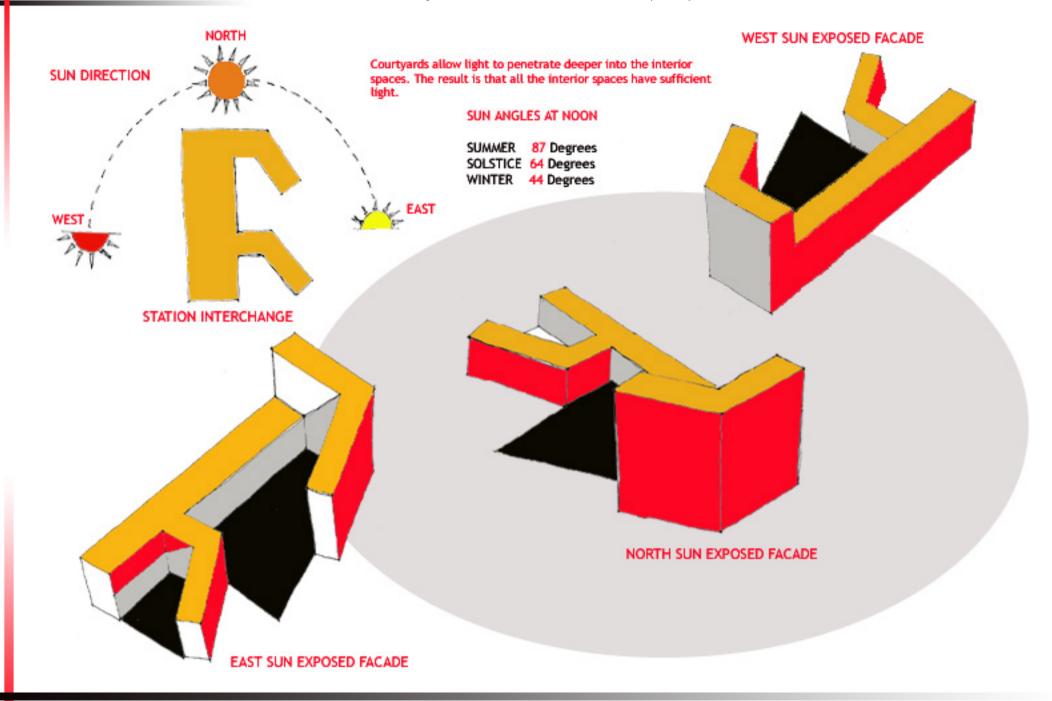
The movement pattern on the the square is informed by the existing paths, most especially the northsouth axis leading from Paul Kruger street. The intervention follows the Systemic school of thought by prioritising existing patterns, especially movement and shelter.

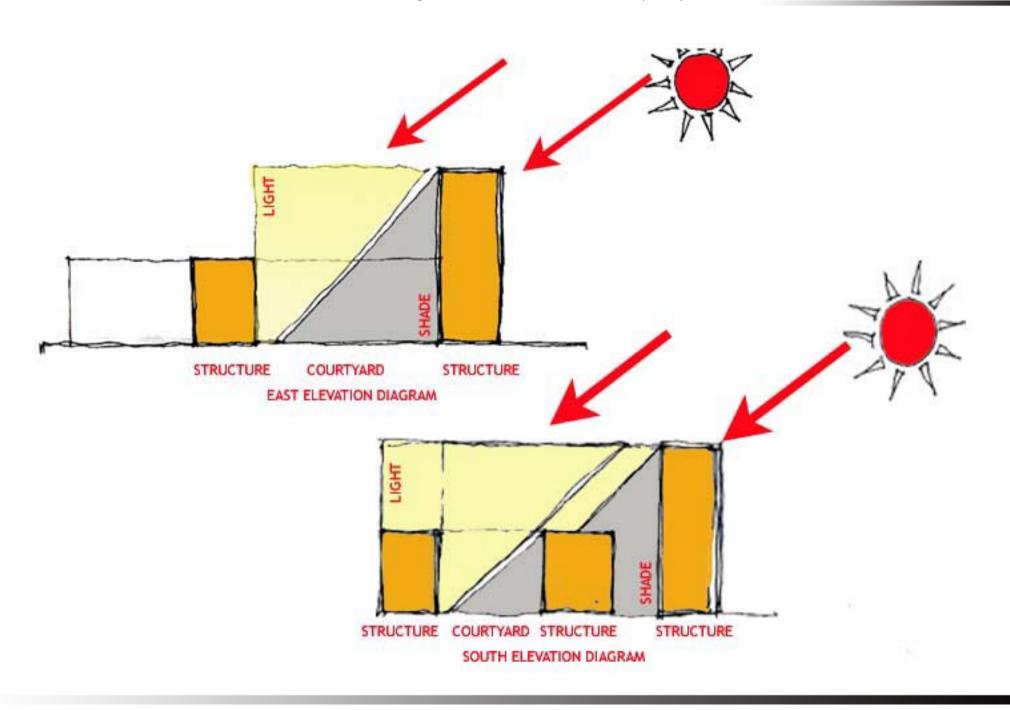


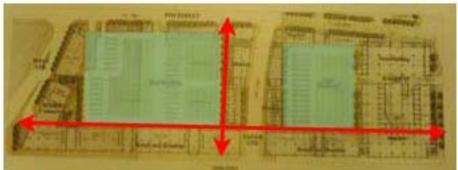
'Walking is the most ubiquitous form of movement, open to almost everybody' (Green and Roberts 1998)

The civic square is designed to compliment the axis of expression from Paul Kruger street by means of a prominent walkway axial extension stretching to the Pretoria station building. Traffic will be slowed down at the intersection of Scheiding street and Paul Kruger street to afford priority to pedestrians.

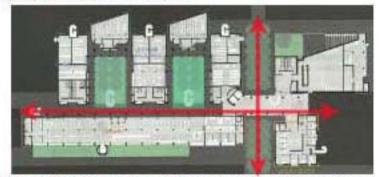




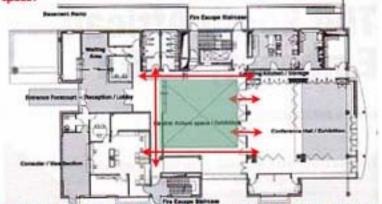




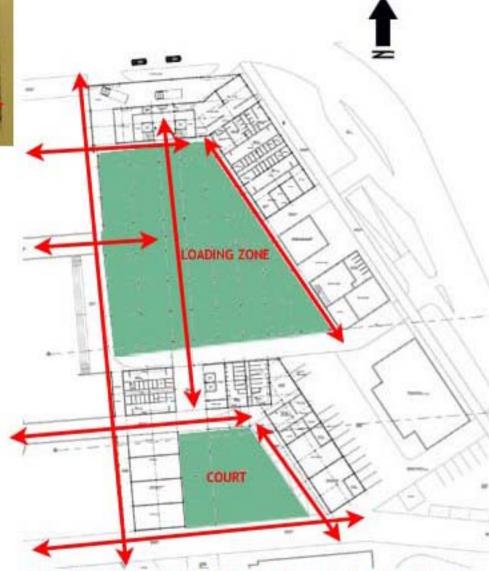
Metro mall highlighting the loading zones acting as centrla courts. The periphery is used as circulation space.



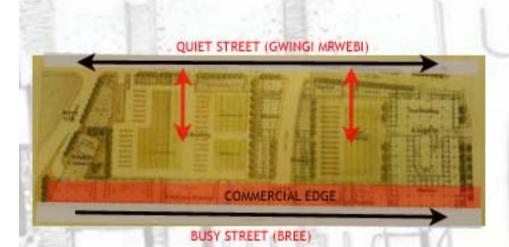
Tuks law building designed around two central courtyards that act as communal space. The courts are also placed adjacent to the circulation space:



SA Embassy in Berlin is also designed around a central atrium, with the circulation space arranged on the periphery.



Using the courtyard as the point of departure for creating the main public spaces, with accessways directly linking the interior spaces to the courtyards.

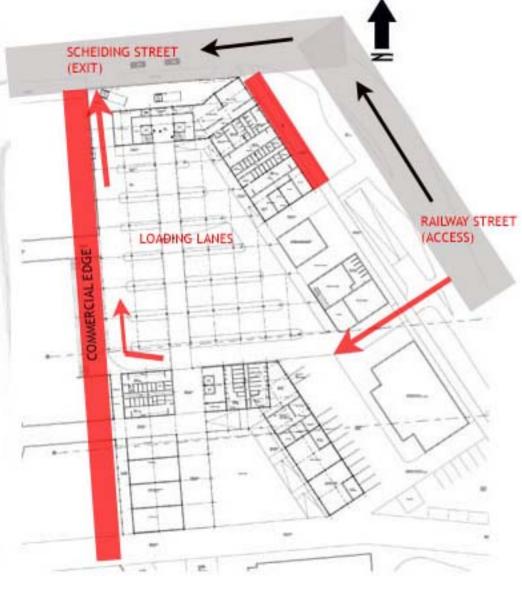


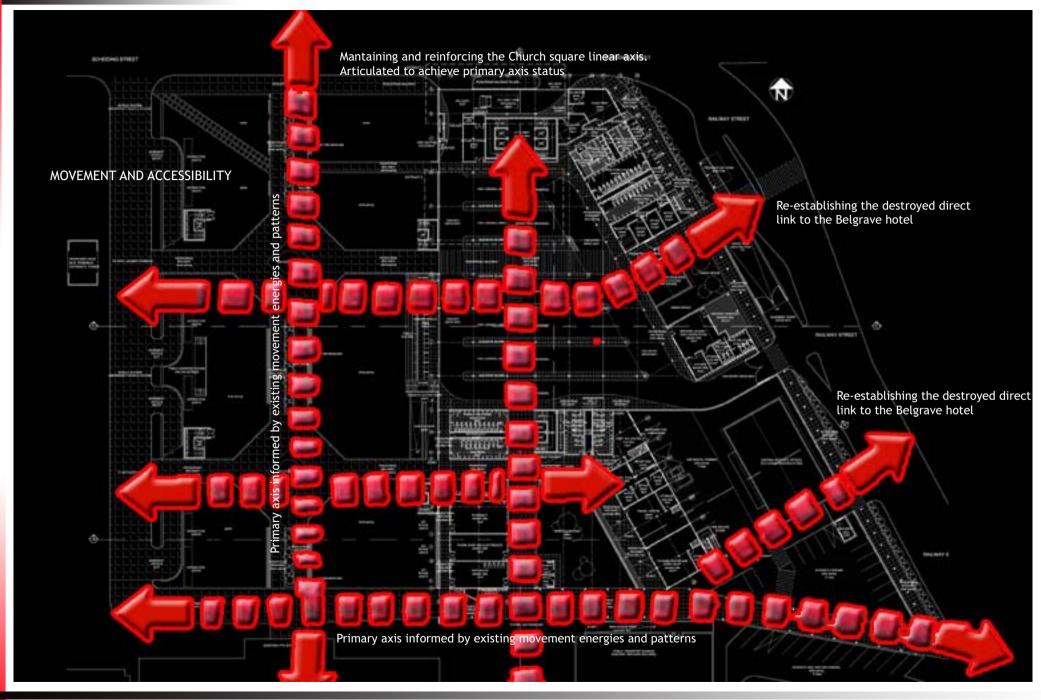
## VEHICULAR ACCESS

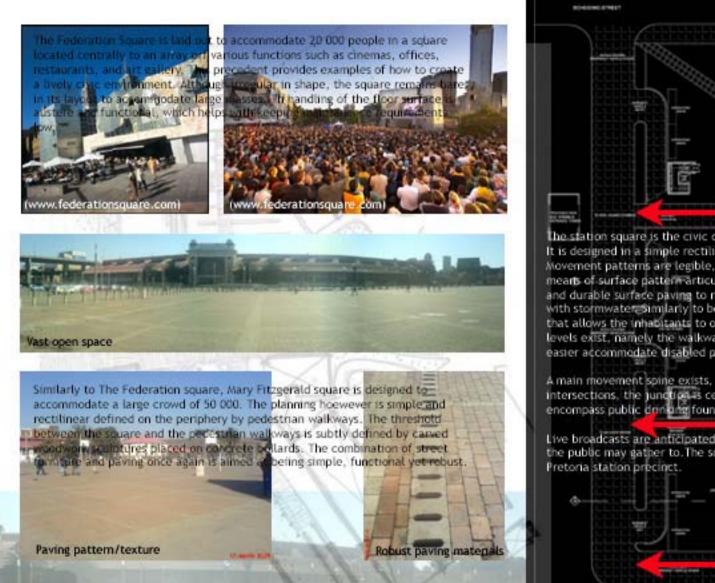
The Metro mall is designe around a simple yet effective vehicular circulation system. The busy street, (Bree street) is used as the commercial edge and taxi movement is kept completely off this edge, instead the 'backstreet' Gwingwi Mrwebi street is used for the netreing and exiting of taxis.

Similarly, the station interchange adopts a system whereby Railway street is the entrance point and Scheiding street is the exit point. Traffic is directed in a one-way flow inside the loading lanes, consistently to the one-way status of both the access and exit streets.

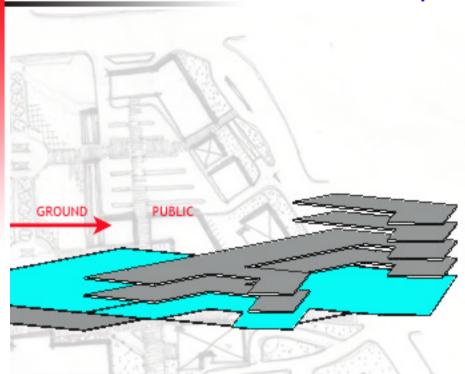
The edge facing the square is seen as the front of the building, and is therefore used as the main commercial edge to capitalize on the high human traffic.







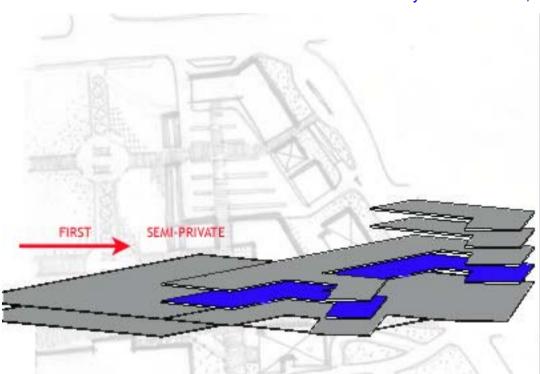




## GROUND FLOOR

The public domain where most public traffic occurs. Retail activities, taxi rank, hawker stalls, ablutions, retail services and civic square located on this level. By virtue of its level, it is the most accessible part of the building to the public. The ground floor is openly accessible to the public thus encouraging civic activity as advocated by functionalist and humanist planning. The level at which the ground floor is open makes reference to a communial belonging and sharing in a manner that promotes the interrelation and interdependence of the various users, thus leaning towards <code>Ubuntu</code> principles.



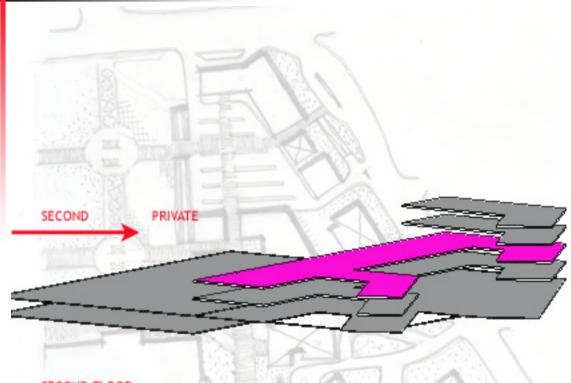


## FIRST FLOOR

The first floor is regarded as the semi-private domain. The public activity is encouraged in the restaurant, pub, and open air gallery space.

The resource centre is also a semi private domain. Facilities available are the study area and reference books section, computer skills training centre, e-facilities centre, and a conference/meeting venue.

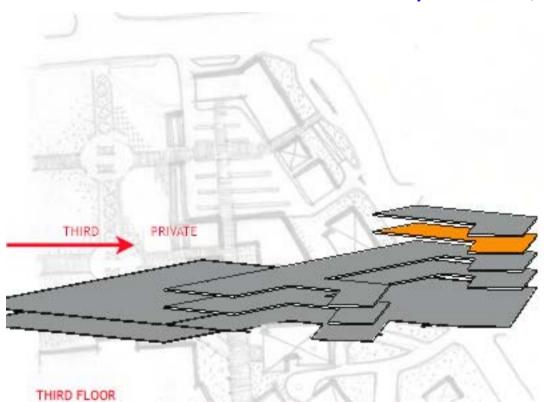




## SECOND FLOOR

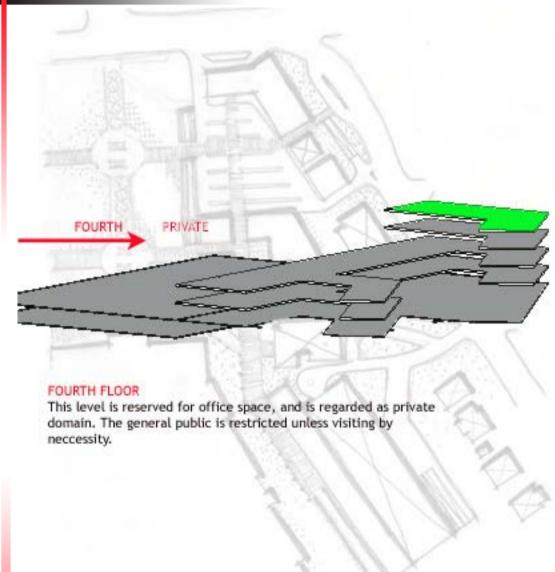
This level is reserved for office space, and is regarded as private domain. The general public is restricted unless visiting by neccessity.



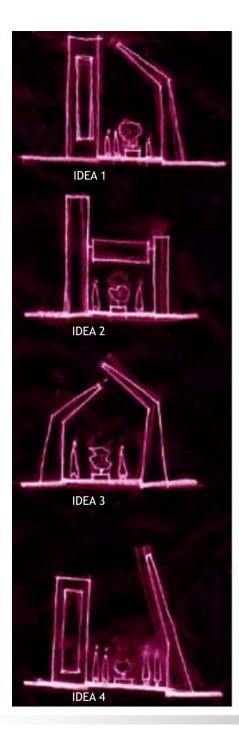


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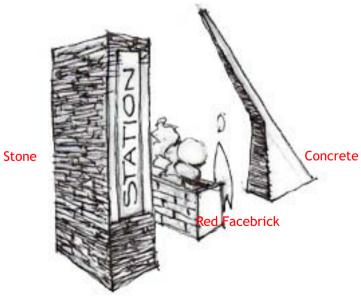




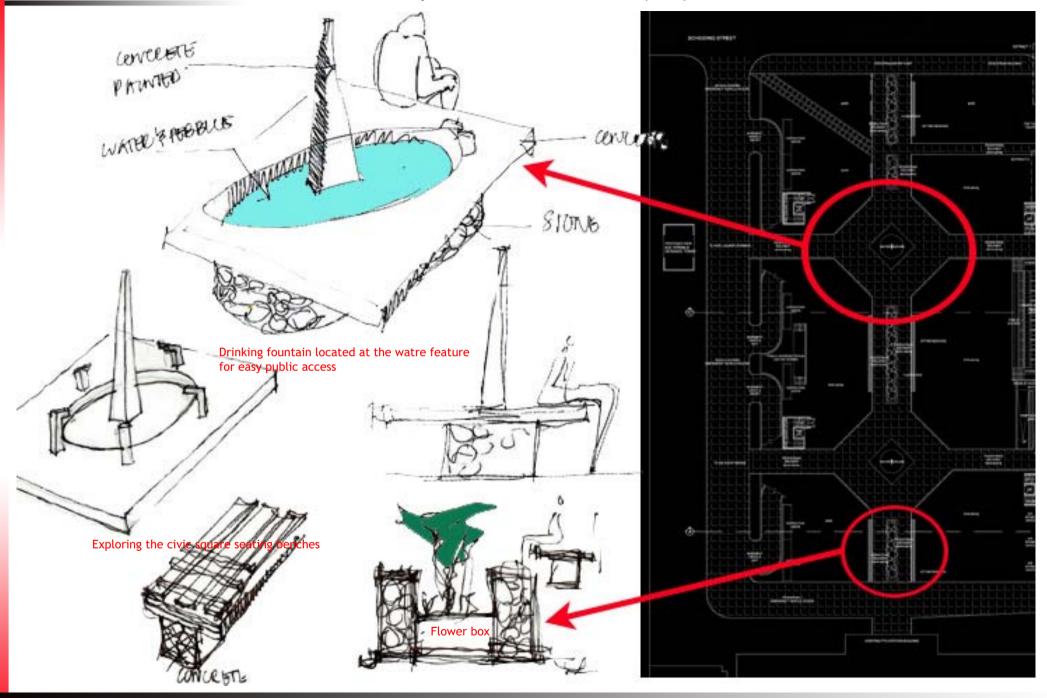


The station interchange thresholds are the points from which the commuters, workers, and visitors get their first impression of the place. Here it is important to artitulace the entry points that demarcate the inside and outside of the development. However, since the station is a public place, such entrances need to be subtle yet visually appealing and also offer orientation.

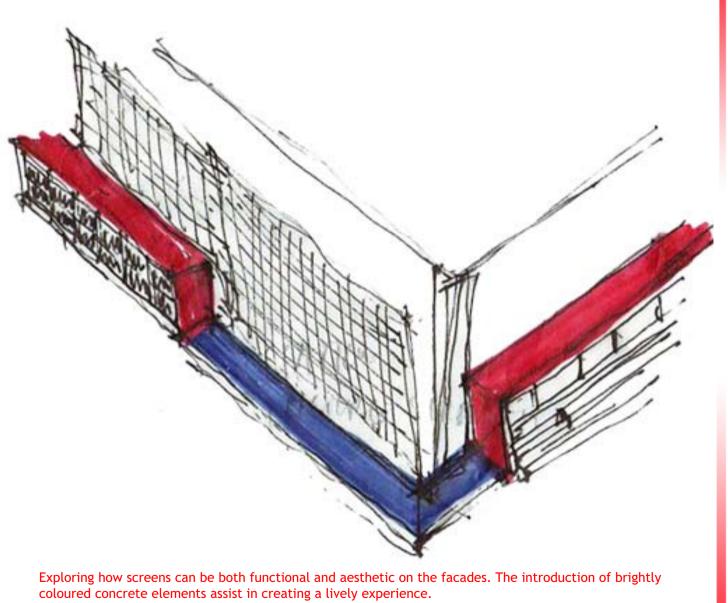
The choice of materials is stone and concrete, in order to achieve a striking, almost monumental effect, yet retaining a modern feel.

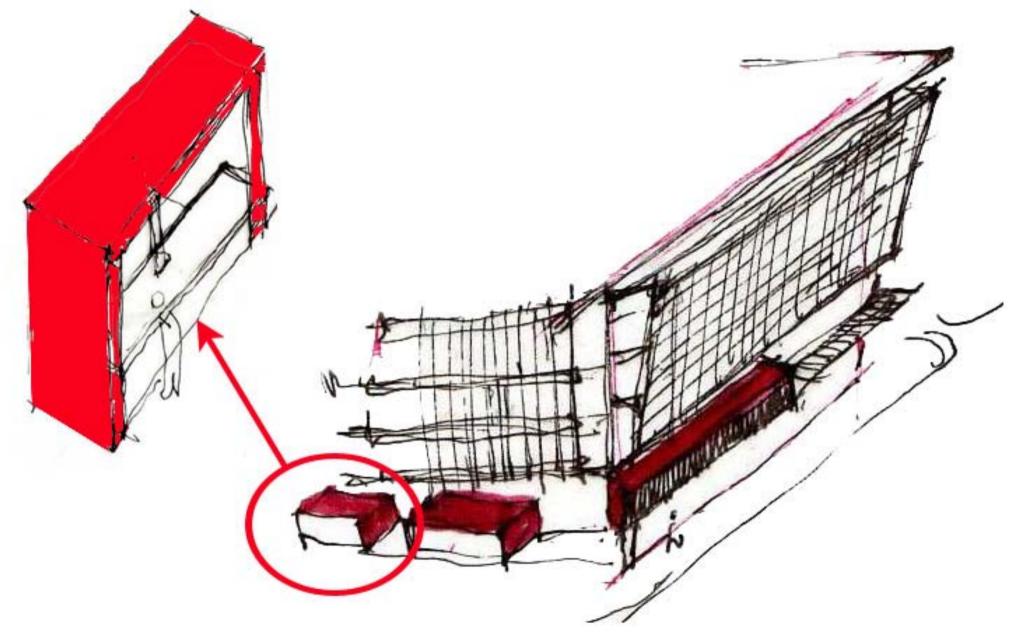


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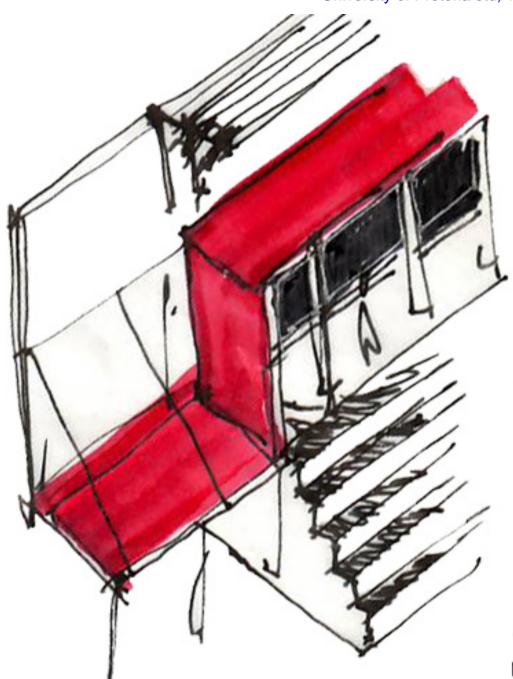


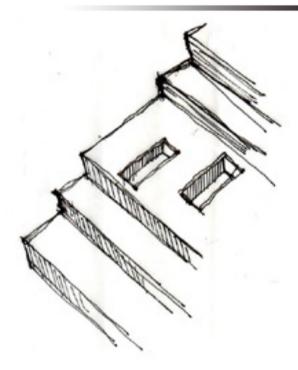




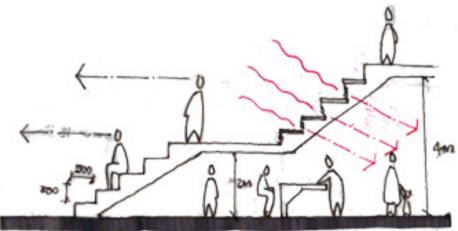


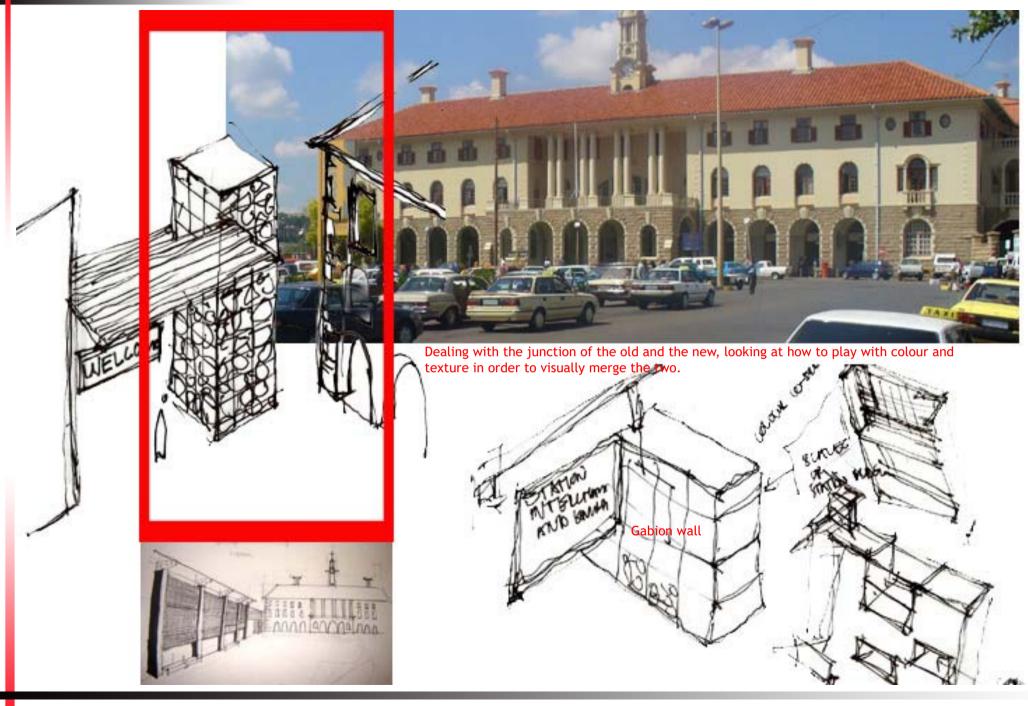
The commercial edge is articulated by means of brightly coloured box-shaped hawker stalls. These attract the passer-by's attention and add character to the facade.

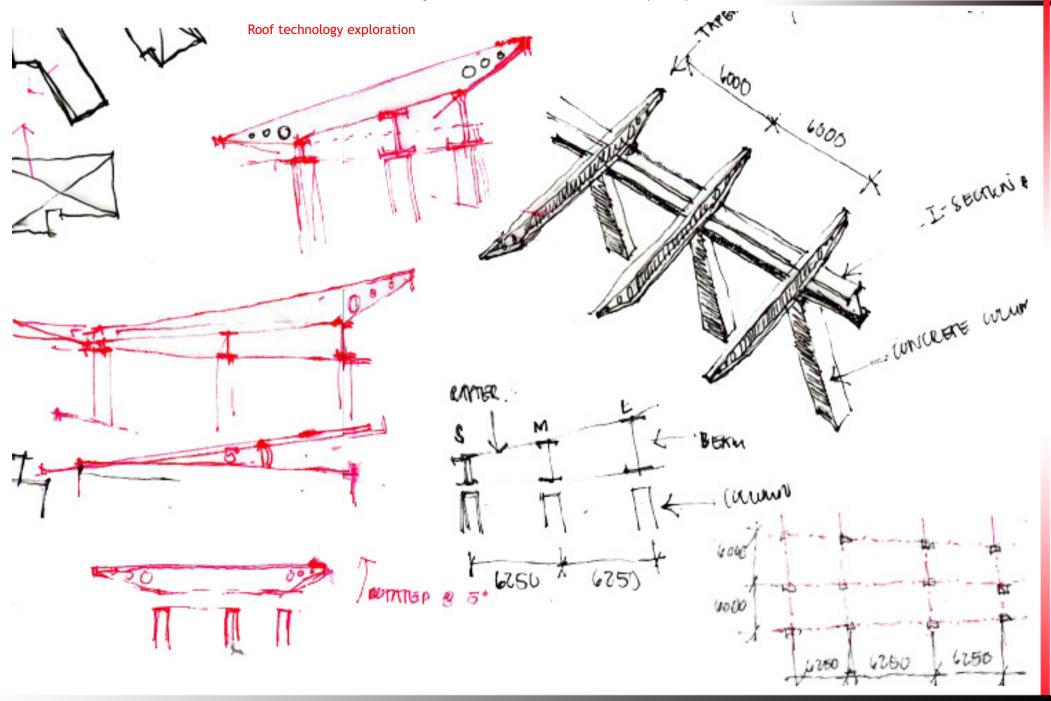


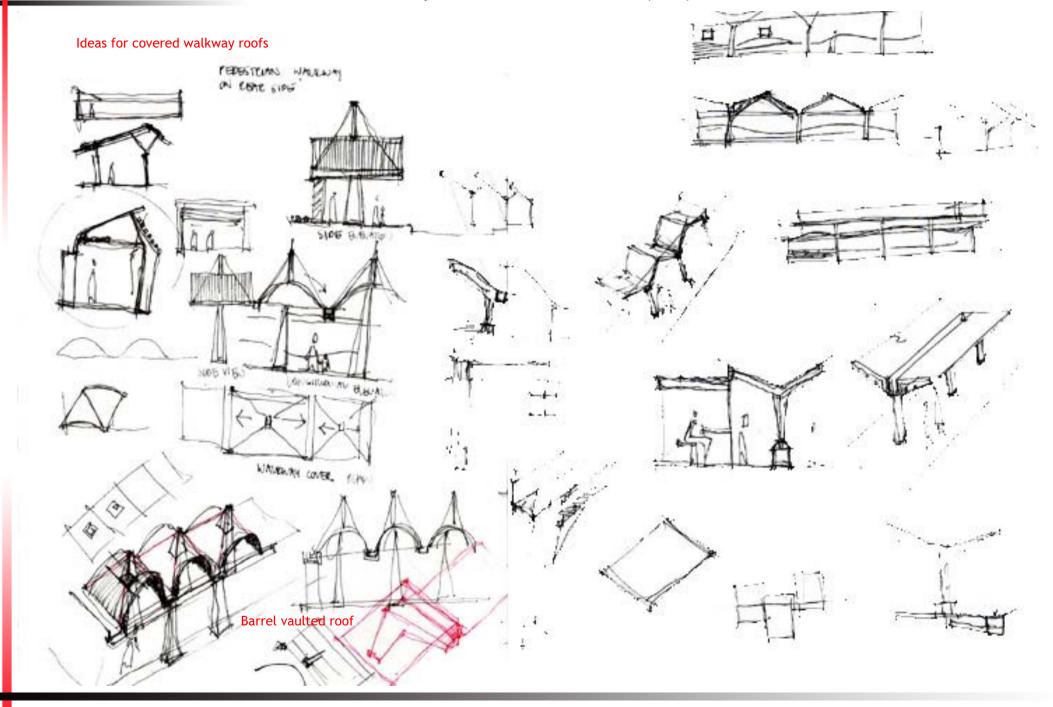


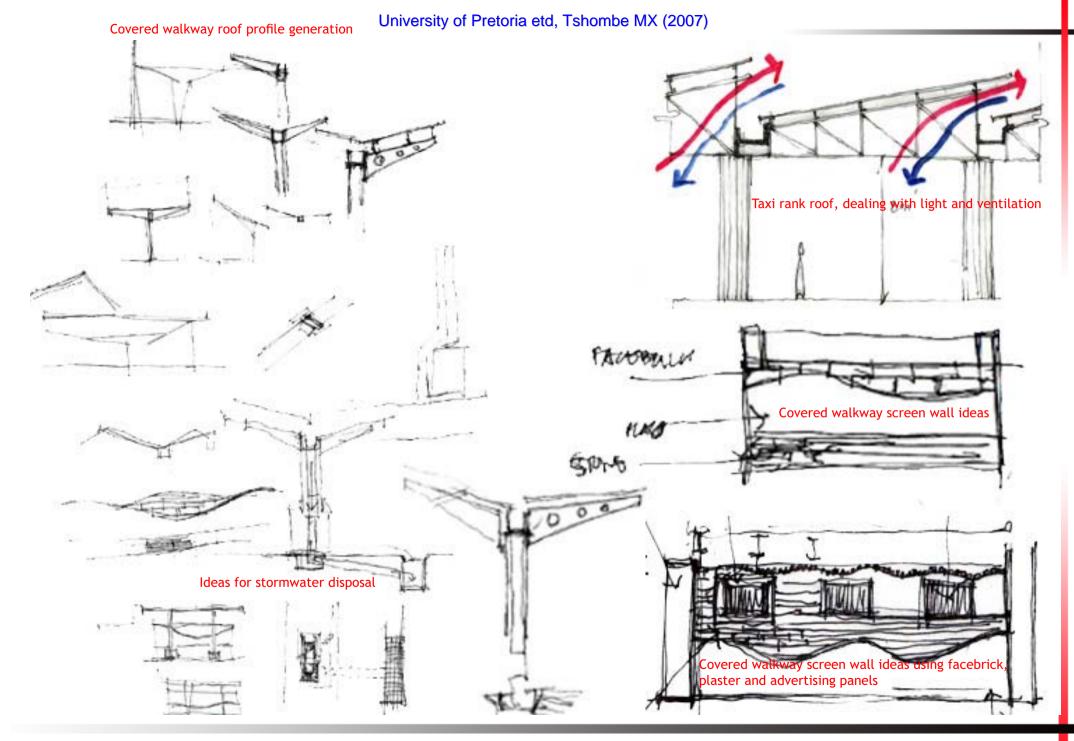
Means of creating seating overlooking the civic square, by creating deep riser and wide tread stairs. The underside of these stairs become hawker stalls facing the taxi rank. Ideas of allowing light to penetrate into the taxi rank area are explored

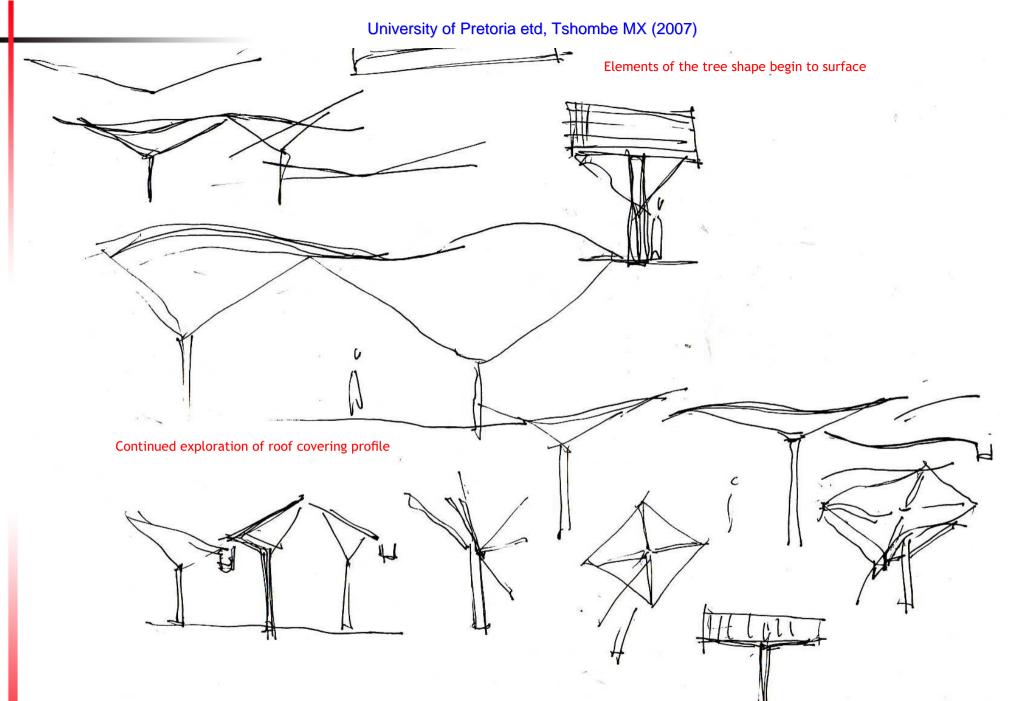


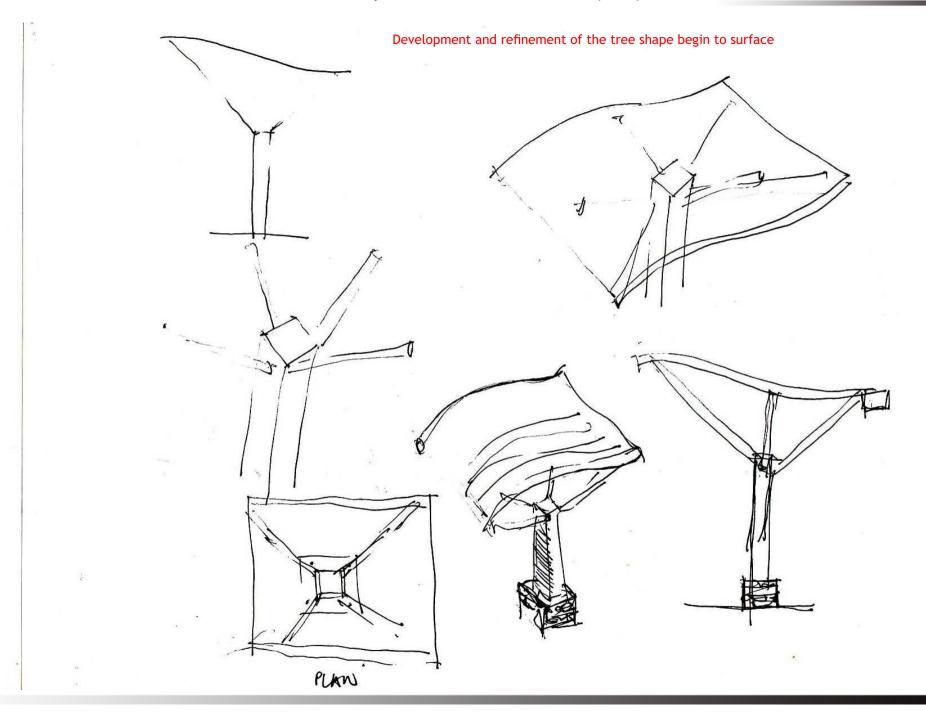


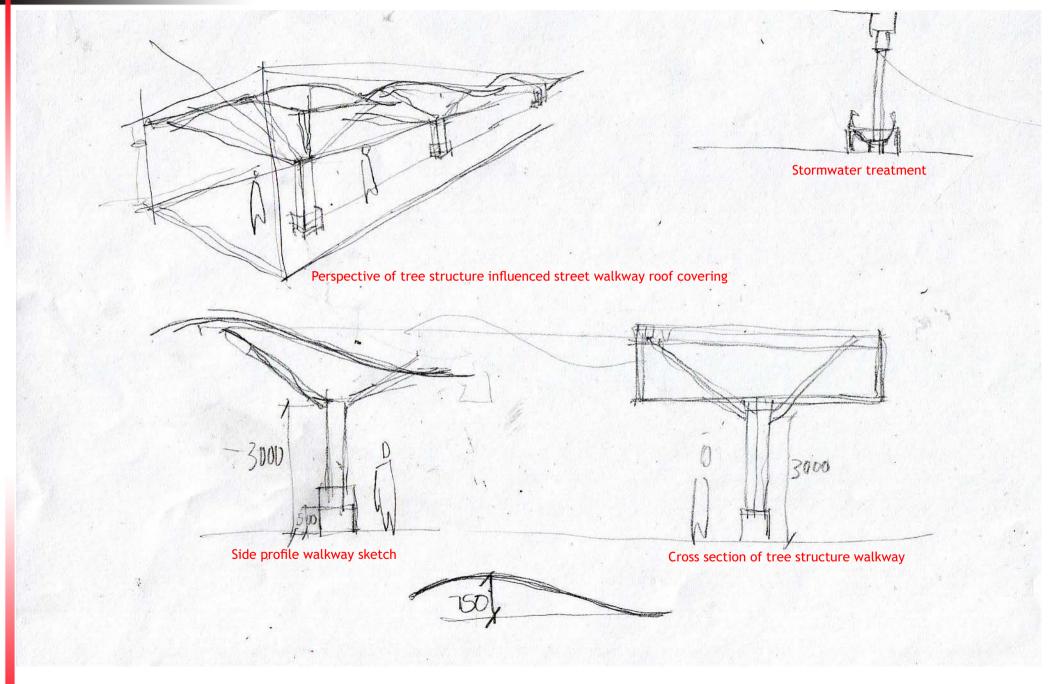












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