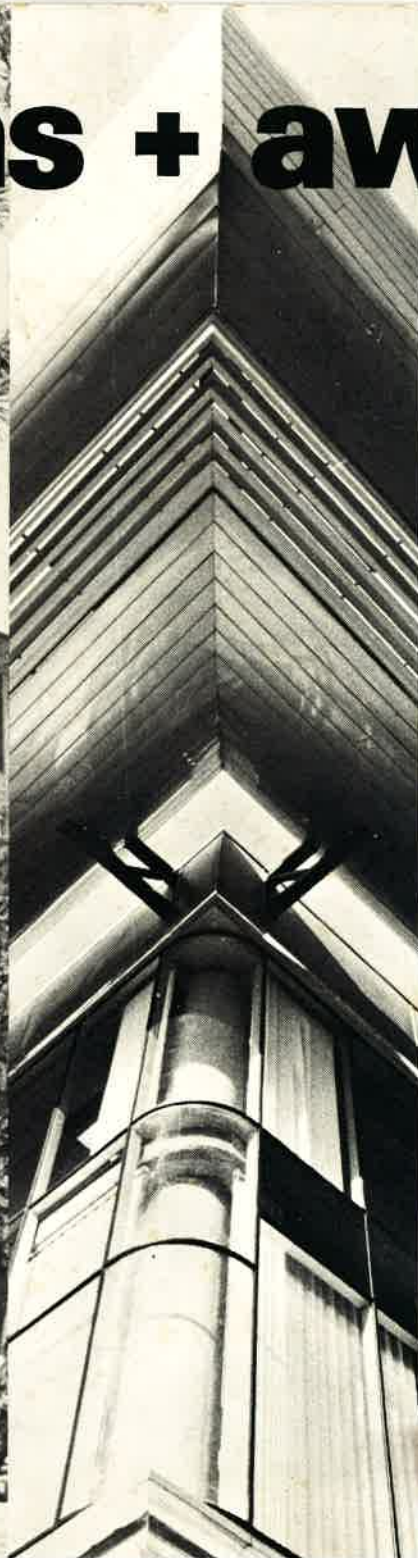
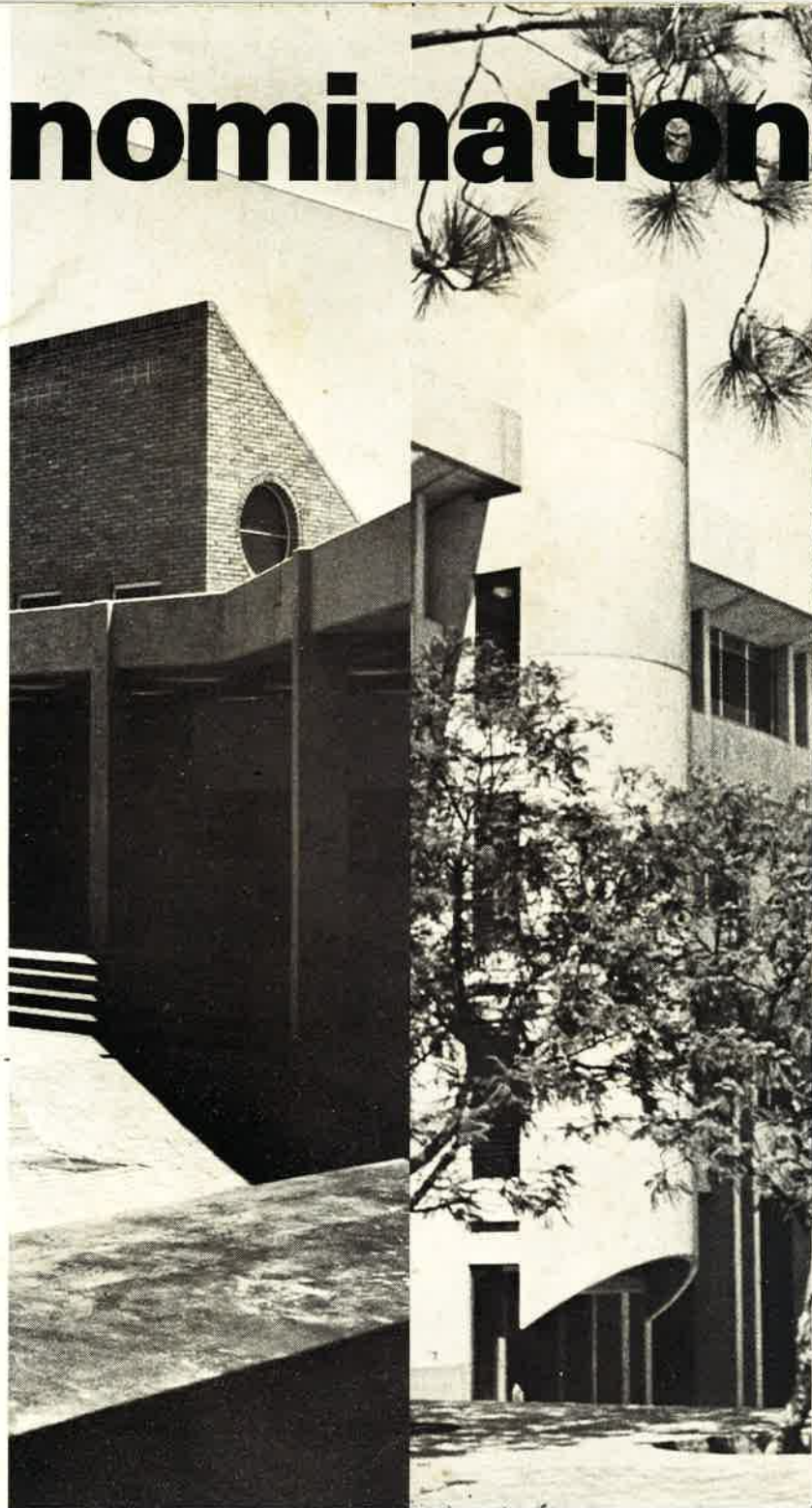


**nominations + awards**

**1977**



**mpia** newsletter  
**3**

For the first time in many years, the Natal Provincial Institute of Architects invited nominations for an Award of Merit in Natal, for the period October, 1974 to September, 1976. The following nominations were received:

Faculty of Arts Building, University of Natal; Cabana Beach; Ladysmith Library; General Building; Shell House; Natalia; Huntleys Hill Electrical Sub-Station; St. John's Nursery School and Hall; Golden Hours Centre; Huletts Head Office; SAR Durban — personnel building, laundry building, services and personnel building; Skye; St. John's Diocesan School for Girls; House Harris; House Finkel; House Kara; Research and Development Laboratory, Mount Edgecombe; Shops and Offices, Julia Road; Dolphinarium; Regional Headquarters — SABS; Beerhall — Port Natal Bantu Affairs.

After enquiry, the architects for Cabana Beach withdrew their nomination on the grounds that 90% of the building had been occupied before October 1, 1974 and the work which had been completed within the stipulated period consisted largely of squash courts and other such ancillary accommodation; however, it was decided to publish the entry.

The panel of assessors consisted of Messrs. G.J.B. Gallagher from Johannesburg as chairman, S. Roberts from Pietermaritzburg, W.R.

O'Beirne from Durban and Prof. B.E. Bierman from the University of Natal, Durban. It had been left to the assessors to decide whether any award or several awards should be made. The assessors decided that the buildings could not be divided into categories and that they should be guided by whether a building had an extra-ordinary degree of merit and whether it made a contribution to architecture and the quality of living. They unanimously agreed to recommend to the Natal Provincial Committee that awards of merit should be made for the following buildings (not in any specific order):

Faculty of Arts Building, University of Natal, Pietermaritzburg: Architects: Small, Pettit and Baillon.

Beerhall, Umlazi: Port Natal Bantu Administration: Architects: Franklin, Garland and Gibson.

Huletts Head Office, Umlanga Rocks: Architects: Hallen, Theron and Partners.

Each award consists of a citation or certificate and a plaque (on request) for display in or on the building. The awards will be presented to the respective architects at a function to be held in the Institute's Board Room on December 13, 1977.

In this publication the Natal Provincial Institute of Architects is publishing all the nominations received, not only to promote architecture in Natal, but also to record some of the province's outstanding buildings.

compiled and edited by danie theron for the natal provincial institute of architects.



# 3 awards =

## **Beerhall at Umlazi Glebe**

Franklin, Garland and Gibson

## **Faculty of Arts Building, University of Natal, Pietermaritzburg**

Small, Pettit and Baillon

## **Hulett's Head Office, Umhlanga Rocks**

Hallen, Theron and Partners

## **BEER HALL AT UMLAZI GLEBE PORT NATAL BANTU ADMINISTRATION BOARD**

**FRANKLIN, GARLAND & GIBSON**

### **BRIEF**

A beerhall to dispense traditional African draught beer to 1 200 single men residing in nearby hostels.

### **SITE**

An extremely steep sandy site with no features of any merit. Surrounding roads and services were in a run down condition.

### **DESIGN CONCEPT**

Visits to existing beerhalls in South Africa and Rhodesia revealed a total lack of sensitivity in the provision of modern buildings where African males could meet in a congenial atmosphere to drink beer and socialize.

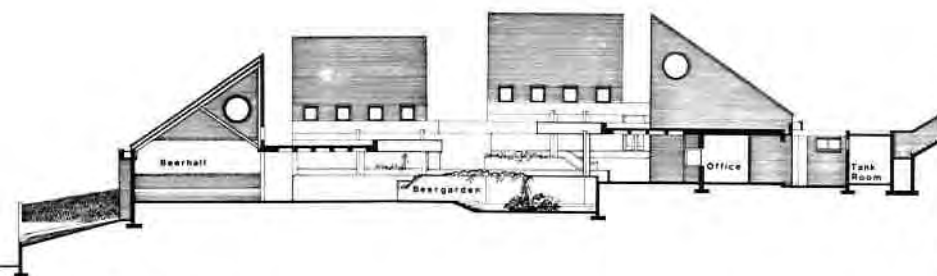
It was felt that this could be achieved by reducing the scale of the beerhall — and by breaking the traditional hall into a series of smaller rooms grouped informally around a central courtyard. The resulting spaces have allowed patrons a choice of environment at a variety of levels.

### **MATERIALS**

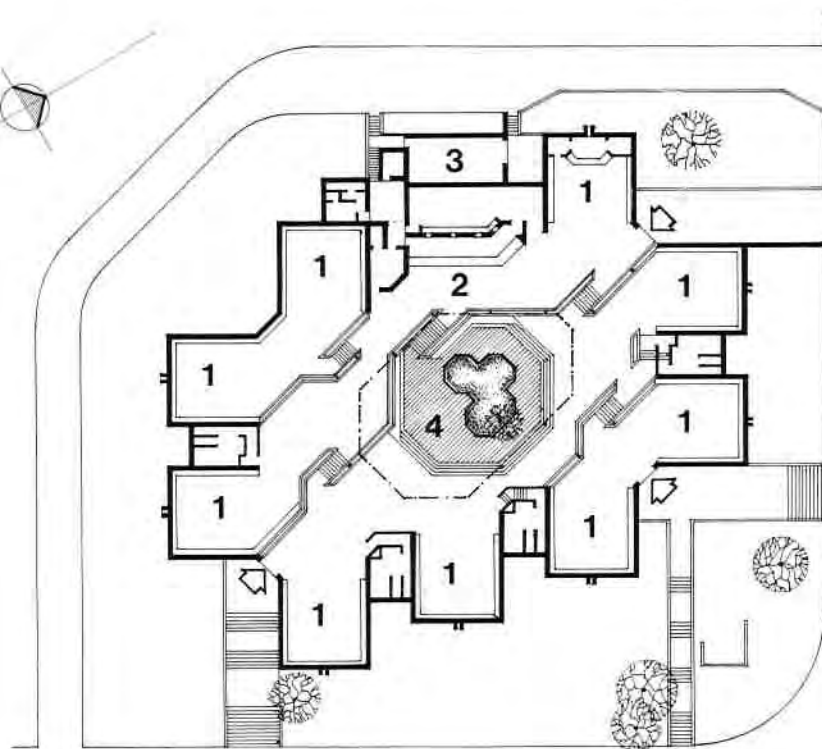
Due to the extreme corrosive nature of sorghum beer, materials were chosen to withstand this problem. Floors are power floated concrete with an epoxy additive, walls a biscuit coloured rustic facebrick or off shutter concrete and roofs in sand timber or off shutter concrete. Plastered friezes have been provided in all the rooms which are to be decorated with indigenous art by local black artists.

### **COST**

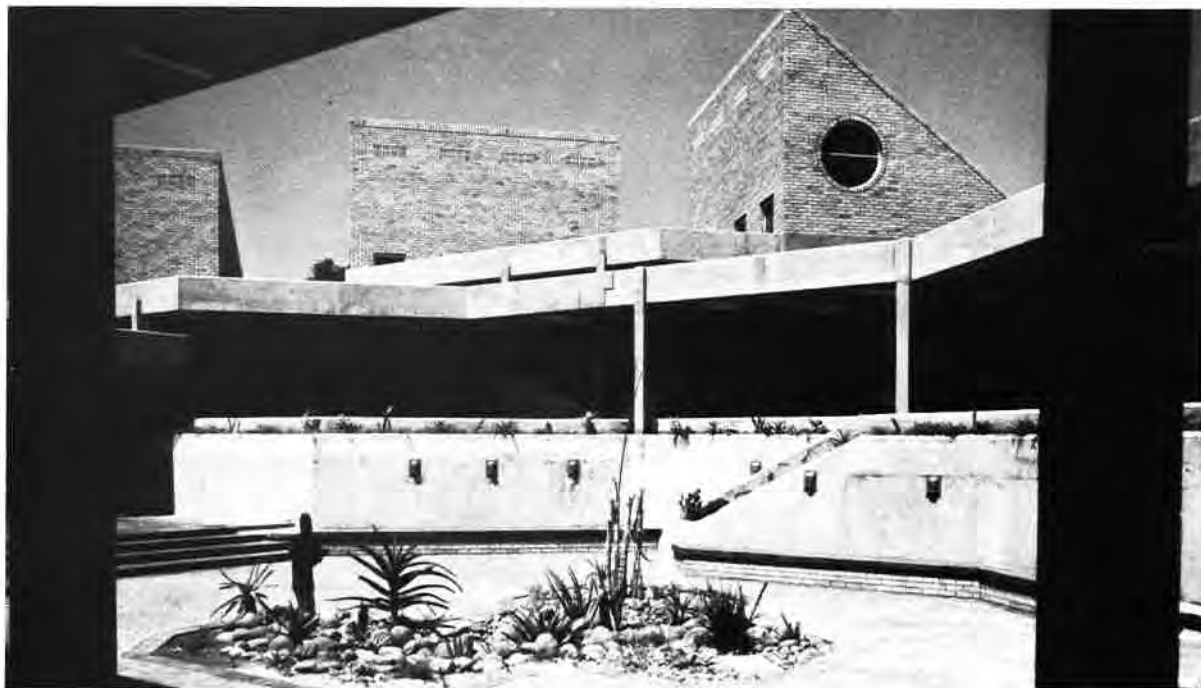
The contract sum for the project was R280 000,00.



Elevation



Plan at ground level.



# FACULTY OF ARTS BUILDING UNIVERSITY OF NATAL PIETERMARITZBURG

SMALL, PETTIT & BAILLON

## SITING:

The building is the third complex to be built on the new or "Golf Courses" Campus and forms part of a master plan for this area.

It continues the original concept of a major pedestrian route linking the buildings with parking and traffic circulation kept separate on the west of the site.

## ACCOMMODATION & PLANNING

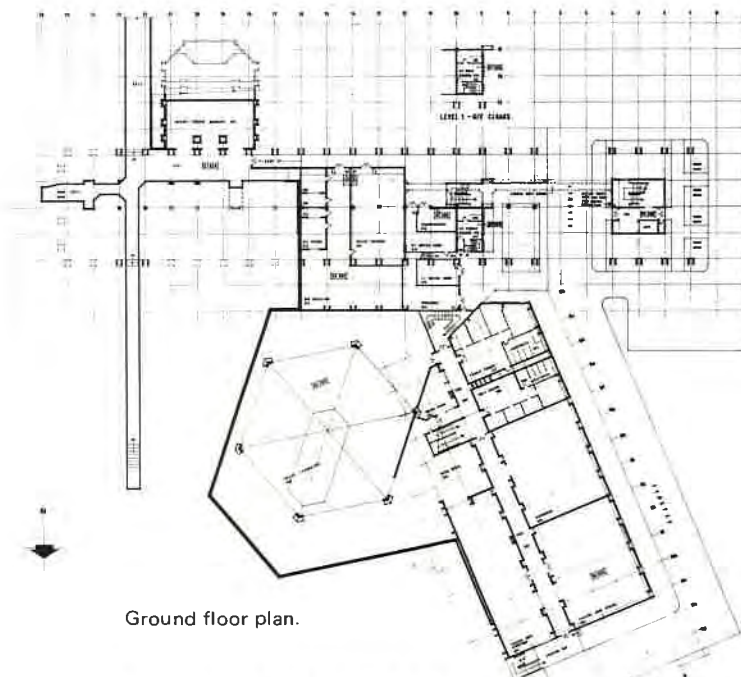
The building accommodates all the departments of the Faculty of Arts with the exception of English and History & Political Science.

The faculty accommodation for the Language departments and the departments of Philosophy, Classics and Divinity is on the top (3rd) floor.

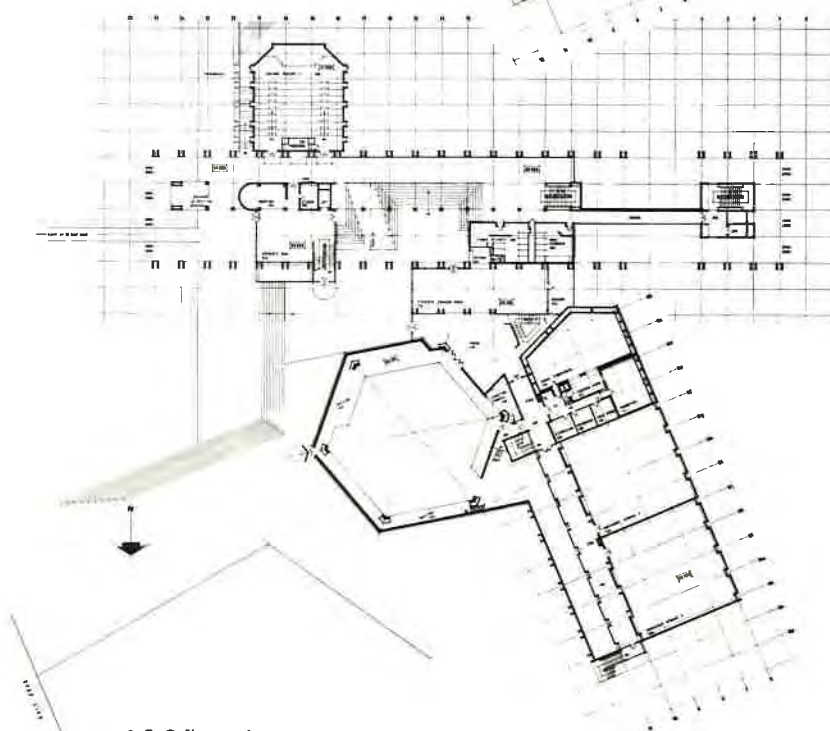
The first floor houses the staff Common Room and the faculty accommodation for the Department of Speech and Drama.

The main access to the building, which links with the pedestrian broadwalk of the campus is on the next level down at the East end of the building and the access from the carparks on an even lower floor at the west end of the building. Off the broadwalk are the students common room and meeting space, main toilets and the first of a number of lecture theatres to be built.

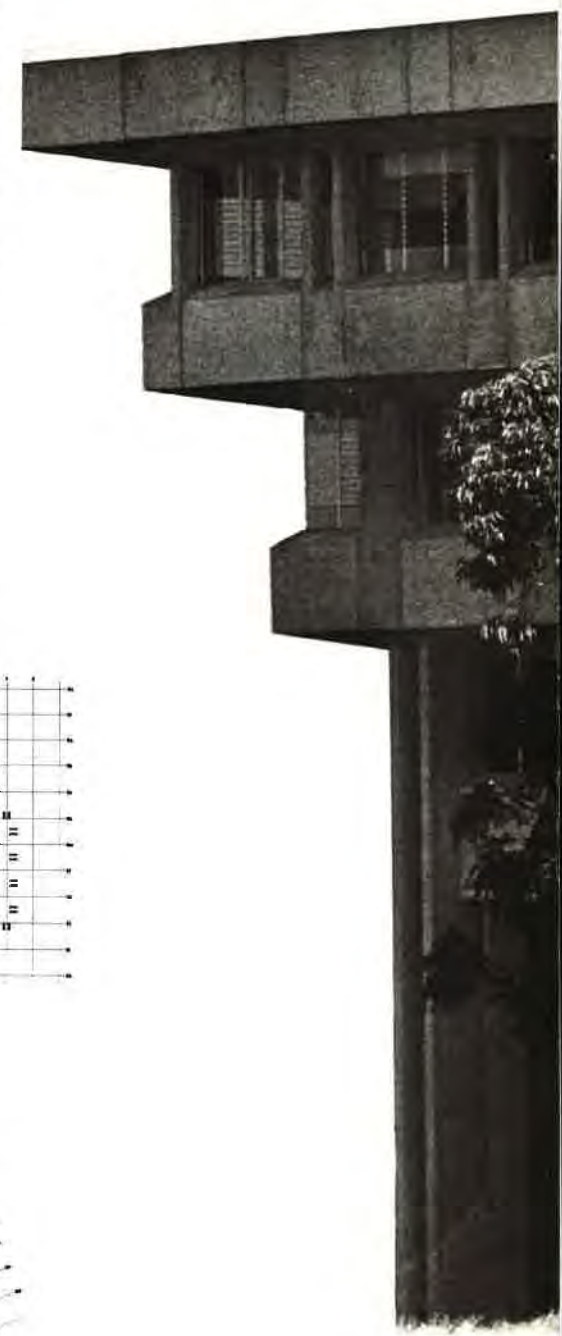
A separate wing houses the teaching and practical rooms of the Department of Speech and Drama together with the Drama Laboratory or Experimental Theatre.



Ground floor plan.



1 & 2 floor plan.







# HULETT'S HEAD OFFICE UMHLANGA ROCKS

HALLEN, THERON & PARTNERS

## THE BRIEF:

The brief was to provide a head office for the group with a nett office area of approximately 4 000 square metres; with board room, canteen and lounge area, sub-divisible committee rooms, computer suite, caretaker's flat, air conditioning and transformer rooms, as well as all services.

Provision was to be made for future extension for 50% of the estimated office requirements, together with services.

Parking for approximately 150 cars had to be provided as well as bus parking areas and heavy delivery area.

## THE SITE:

A site of two hectares was provided, which forms part of a long term proposed commercial centre for this area. It is situated high on the ridge with beautiful views over rolling cane fields to the north and over the sea to the south and east.

## DESIGN CONCEPT:

The building is conceived as a low-rise three storey high building with an open office plan on the main floor and a gallery around the periphery containing more private offices are provided at both levels.

All the services, the lounge and canteen as well as the computer suite are contained on the lower ground floor.

The open office plan had to accommodate eight different departments with centralised services, such as reception, switchboard, strongroom etc. The concept is a modification of office landscape plan maximising the use of peripheral window wall for private offices with a larger



central area suitable for staff activities more easily accommodated under open office conditions.

Generous space allowance has been made for approximately 25% increase in staffing without additional building works being required. Some of the functional requirements:

Records are shared between the centralised facilities and the sections or modules as they are called, depending on the nature of the records. Dead records, stationery and other services are centralised, as is delivery to the building and postal services.

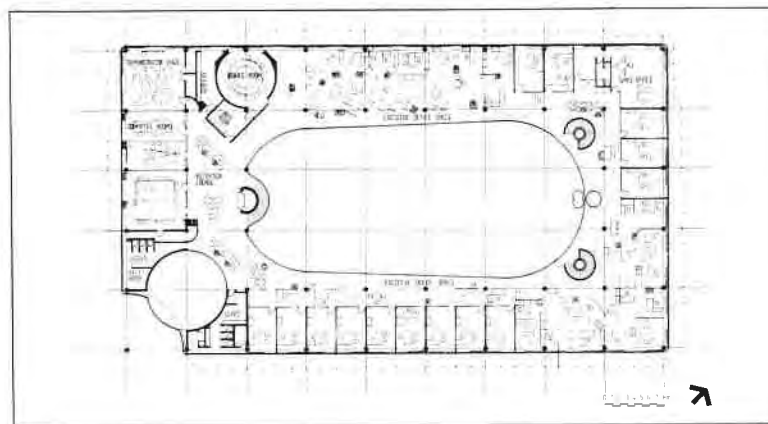
Telephone services are through a PABX system.

Committee rooms are centralised with some provision for small areas within each module for discussions involving only a few people and requiring no special audio privacy.

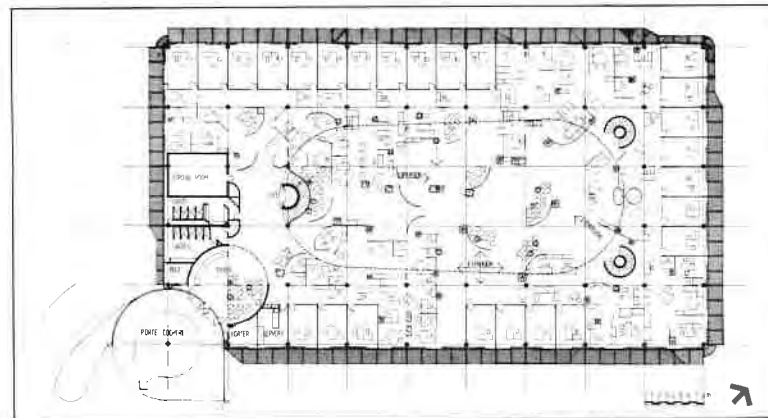
Tea is served at small breaks during the day from dispensing areas on the main floor.

Lunches are served in the communal cafeteria areas. The kitchen services an upper level for small receptions in the board room and lecture rooms.

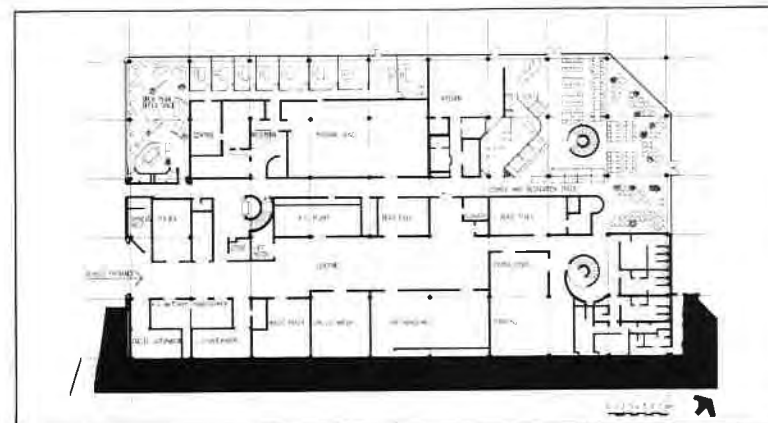
It was intended that the finished structure should project an image of substance and stability in conformity with that of the company itself, at the same time it was to fit into the park-like setting which surrounds it. As the head office was to be the first structure erected in the proposed regional commercial



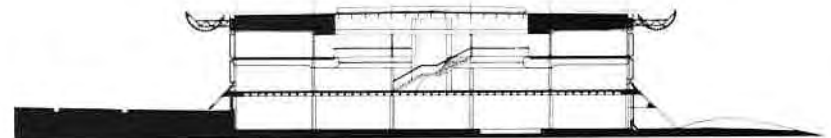
Upper level.



Ground level.



Lower ground level.



centre, it had also to be ensured that it would fit in with the planning of the area as such, that it would emphasise as far as possible the advantages of decentralised office accommodation and that it would set a standard of future development of commercial sites in the centre.

The building is a low structure sited so as to relate to the rolling hills and richly varied landscapes and the detailing of the glass wall reflects the landscape, thus emphasising its siting.

In the layout of the building itself, the easy identification

of the various parts has been an important factor in the design, and the three staircases have been fully accentuated in colour and position. Generally, the decoration creates a cool and relaxed feeling with a rich brown carpet, with olive upholstery to the chairs and light finishes to screens. Planting in special containers provides necessary visual screening.

The design attempts to balance the sense of solidity and firmness required of a head office building with a need for lightness and a cheerful and open interior.





# nominated buildings:

**1. Julia Road, shops and offices, Durban**  
Building Design Group

**2. Research and Development Laboratory, Mount Edgecombe**  
Building Design Group

**3. Natalia, Pietermaritzburg**  
Barend R.H. Knuppe

**4. Cabana Beach, Umhlanga Rocks**  
Campbell, Bernstein and Irving

**5. House Harris, Springfield Road, Durban**  
Ferreira da Silva and Smith

**6. Skye, Ridge Road, Durban**  
Ferreira da Silva and Smith

**7. House Finkel, Musgrave Road, Durban**  
Ferreira da Silva and Smith

**8. Regional Headquarters for S.A.B.C. Waterval Park, Durban**  
Franklin, Garland and Gibson

**9. Dolphinarium, Durban**  
Chiazzari and Franklin

**10. Shell House, Durban**  
Geoffrey le Sueur, Stauch, Vorster and Partners

**11. House Kara, Westville**  
Hallen, Theron and Partners

**12. St. John's Diocesan School for Girls, Pietermaritzburg**  
Hallen, Theron and Partners

**13. St. John's Nursery School, Pinetown**  
Hallen, Theron and Partners

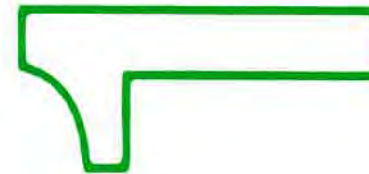
**14. Golden Hours Centre, Sherwood, Durban**  
Hallen, Theron and Partners

**15. S.A.R. Durban**  
Hallen, Theron and Partners

**16. General Building, Durban**  
Mallows, Louw, Hoffe and Hamlin

**17. Huntley's Hill Substation, Westville**  
Maurice Dibb

**18. Ladysmith Library, Ladysmith**  
Moolman, van der Walt, Vlok, van der Westhuizen and Segal



## JULIA ROAD SHOPS & OFFICES BUILDING DESIGN GROUP



### THE SITE:

A corner site bounded by Julia and Arcadia Roads with a gentle fall to the south. Zoning is special commercial. The area is 900 m<sup>2</sup>.

### PLANNING:

Zoning prescribes a maximum two floor development with shopping at the lower level; this is combined with a reception area for professional offices which occupy the upper level. Client parking for six cars relates to reception with access from Arcadia Road while staff parking for 12 cars has access from Julia Road. The upper floor has the further potential for sub division into two flats.

### ENVIRONMENT:

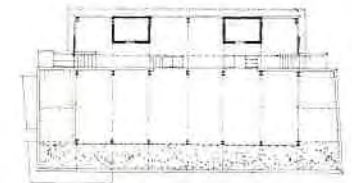
A powerful generator influencing organisation was the separation of public and private functions; while allowing each its own freedom and particular environment. The studio, with its attendant services enjoys a full relationship with the trees and planting of the Berea Ridge while celebrating the spaciousness of inland views via a pergola of creepers and vines.

### SERVICES:

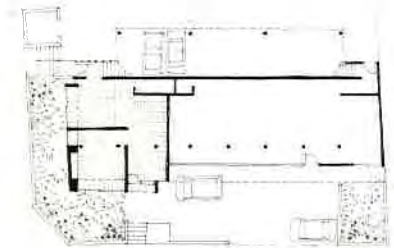
Services include typical office requirements. Supply services follow on the perimeter while toilets, shower and kitchen form two permanent plumbing cores. This facility extends vertically to provide a future fully serviced mezzanine for future expansion.

### STRUCTURE:

All ground floor elements comprise of a concrete structure combined with loadbearing brickwork or partition walls. Steel portals form the upper level structure.



First floor plan.



Ground floor plan.





# 2

## RESEARCH & DEVELOPMENT LABORATORY MOUNT EDGECOMBE

### BUILDING DESIGN GROUP



#### THE SITE:

The site is an open, gently sloping area adjacent the Mount Edgecombe Sugar Mill and principal Group Administration buildings.

Access is from the north between two distinctly different buildings. These relate to a larger open space which is flanked by the former Head Office.

The area is well planted and maintained.

#### PLANNING:

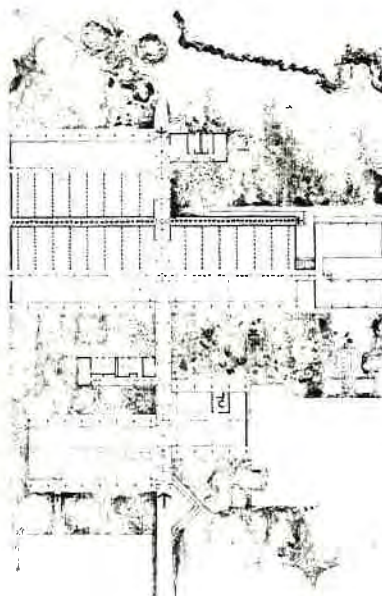
Planning was influenced by the future possible replacement of these older buildings. Early studies generated a linear route to provide access to present known and future un-known demands.

#### VEHICULAR ROADS AND PARKING

The existing roads were adequate and remained uninterrupted. Parking aggregated around points of entry into the building. Ample space existed for the larger scale pilot plant functions and was related directly to road access.

#### PEDESTRIAN ACCESS

This element evolved as an independent structure and was referred to as the Spine. It provides access for commuters and goes with samples, test trolleys or tea-trays and is 2 400 mm wide. This long vault carries ducted conditioned air and acts as a return air plenum for the entire project. Along its length are assembled the elements of accommodation such as the administrative offices, laboratory spaces and services, in a loose arrangement of court yards and buildings.



Plan



# 3

## NATALIA PIETERMARITZBURG

### BAREND R.H. KNUPPE

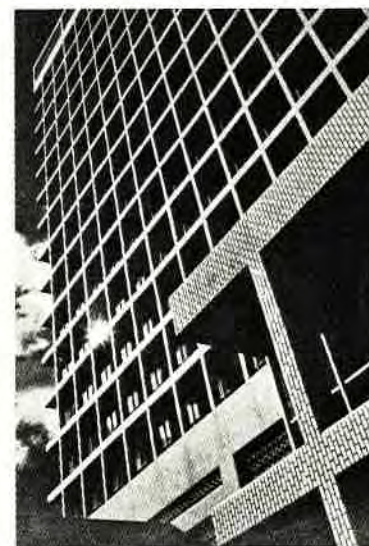
#### DESIGN:

The site area permitted a high bulk factor and the architectural design concept is expressed in twin 17-storey high tower blocks rising from an extensively gardened podium and surrounded by a 3-storey executive wing facing the City Square and a 2-storey accounts block containing the computer centre.

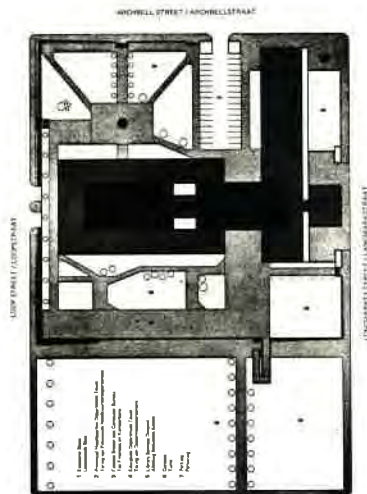
The main entrance and central axis of the tower blocks are aligned with the main entrance of the Municipal offices, and the headquarters of the two tiers of government are symbolically linked at the lower end of what will be landscaped Churchill Square by a pedestrian concourse, known as Administration Avenue, constructed on a shared cost basis.

The population of the building is estimated as being 800 persons, and the building provides a comprehensive range of facilities including dining-rooms, conference rooms, committee rooms, lecture rooms, and an exhibition hall which is open to the public.

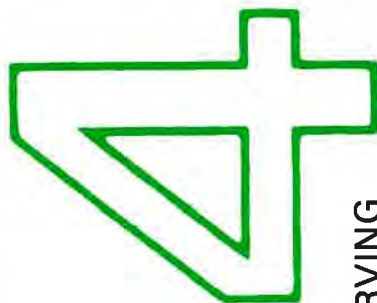
Modular planning, to allow for flexibility, was adopted and though the original brief called for a cellular office arrangement, some 60% of the office space has now been given over to panoramic open planning as a result of an investigation to determine user preference. These offices are carpeted and fitted with sun filter curtaining and provision is made for plants and colourful acoustic screens.







Plan



## CABANA BEACH UMHLANGA ROCKS

CAMPBELL, BERNSTEIN & IRVING



### INTRODUCTION:

An extensive survey of resort areas had shown that the majority of hotels were more suited to CBD environments, did not cater for family groups, were regimented and lacked leisure atmosphere and facilities.

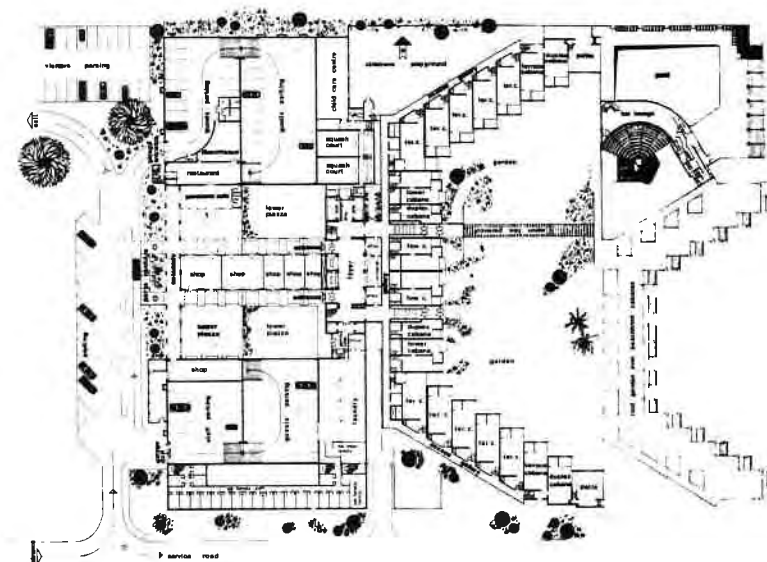
### CLIENT'S BRIEF:

Create a new concept in holiday accommodation suitable for families of various sizes and for tour groups and business men in off-season periods. Give the complex a Mediterranean image which is associated worldwide with leisure and relaxation. Control interior decor, furnishing and landscaping to achieve a homogeneous solution.

### SOLUTION

A multi-tiered complex incorporating amenities to allow guests freedom to arrange their own mode of leisure living. The complex includes: Fully-serviced suites with dining areas and kitchens, for groups of two, four, six and eight persons; amenity shops, a variety of licensed restaurants; a supervised child-care centre and enclosed playground to give parents a measure of relief; a games room and discotheque for older children and sporting facilities including floodlit tennis and quoits, glass-backed squash courts, a 25 m swimming pool screened against coastal winds, and other minor amenities.

A very high degree of privacy and soundproofing of the suites was achieved by the shear wall construction, the saw-tooth plan of the wings, the deeply recessed and



Entrance level.



Diagrammatic section.

separated balconies and the mezzanine access galleries which are remote from the rear windows and entrances to the suites.

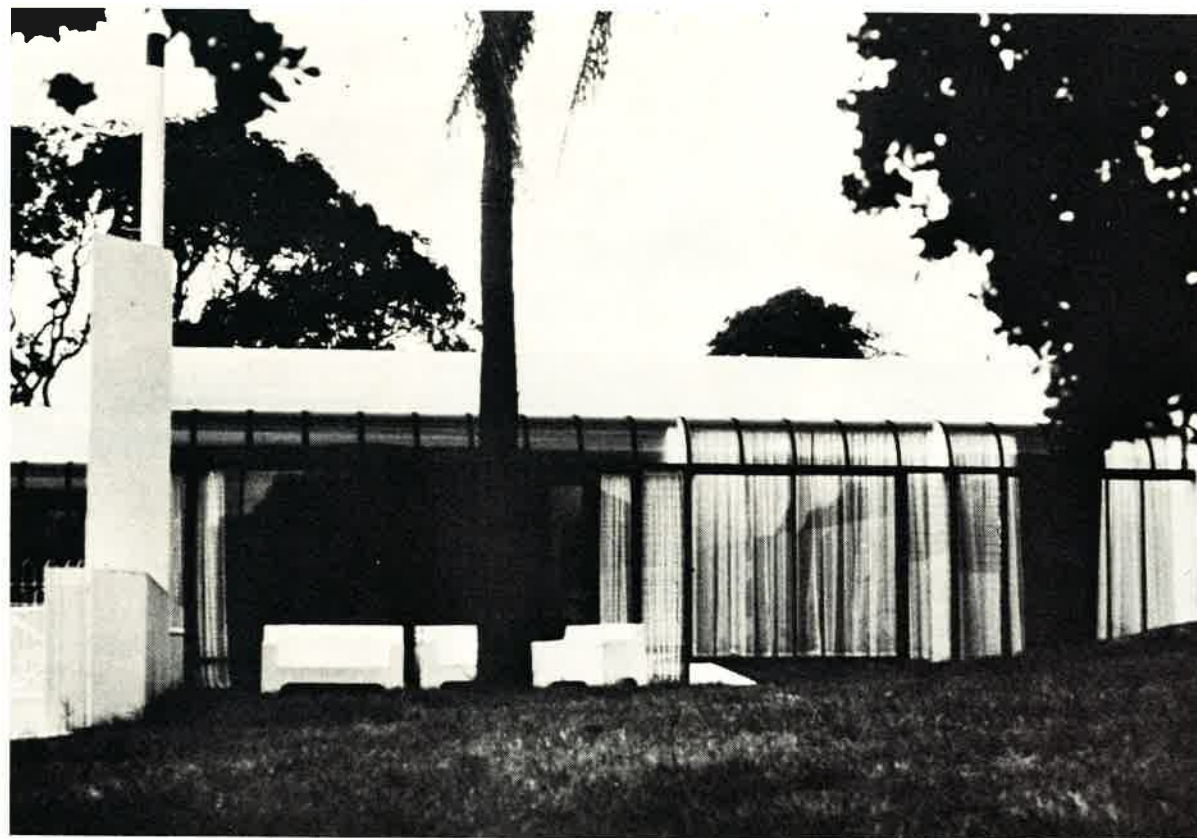
A sincere attempt was made to bring this large complex within the compass of human

scale. Unity of design was achieved by using related, rugged and natural materials and by meticulous attention to the detailing of building components, furniture and furnishings and the careful planning of the gardens.





**HOUSE HARRIS**  
**SPRINGFIELD ROAD, DURBAN**  
 FERREIRA DA SILVA & SMITH

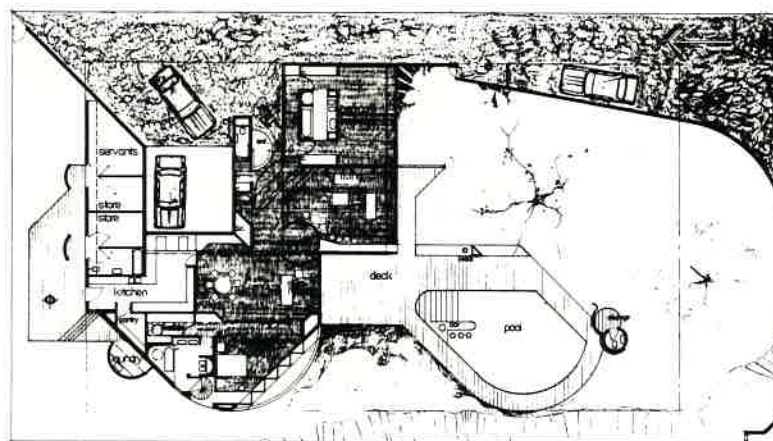


**REPORT:**  
 The house was designed with an emphasis on entertaining. The brief required the separation of the main bedroom from the guest's wing, a large living and dining area, an external entertaining area related to a pool and garden.

The house sits well back on the site with all services to the rear (south side) and all living spaces arranged to open out to the garden on the north.

**CONSTRUCTION AND MATERIALS:**

230 mm plastered and painted brickwork with reinforced concrete roof.



Plan

springfield road



**SKYE**  
**RIDGE ROAD, DURBAN**  
 FERREIRA DA SILVA & SMITH





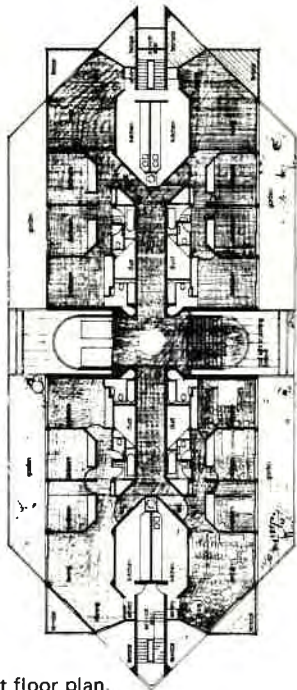
#### REPORT:

The site is located on one of the high points of the Ridge with magnificent views through almost 180°.

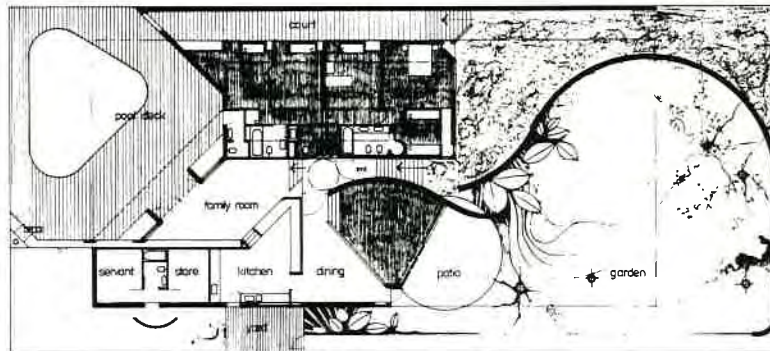
The block comprises twenty 3 bedroomed flats, two duplex penthouses, parking for 36 cars and accommodation for living-in servants. All living accommodation is organised on the periphery around an internal linear core of services and circulation. All living spaces open out onto generous gardens/balconies which reduce in size, as one goes up in height and views become more extensive.

#### CONSTRUCTION AND MATERIALS:

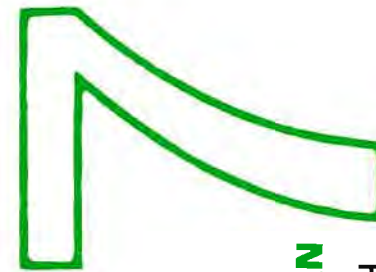
Reinforced concrete frame with brick or glass infill panels. Finish generally plaster painted white.



First floor plan.



Plan



## HOUSE FINKEL MUSGRAVE ROAD, DURBAN FERREIRA DA SILVA & SMITH

#### REPORT:

The brief required a 3/4 bedroomed house situated on a tight urban site which has severe setback and height restrictions. In addition to the four bedrooms a requirement was the provision of an informal living area on the north and private side of the house, and a formal living space on the south-east side overlooking the garden, the street and the view. The bedrooms open to the north-east onto a small private court, while services are located internally with light and ventilation through the roof.

#### CONSTRUCTION AND MATERIALS:

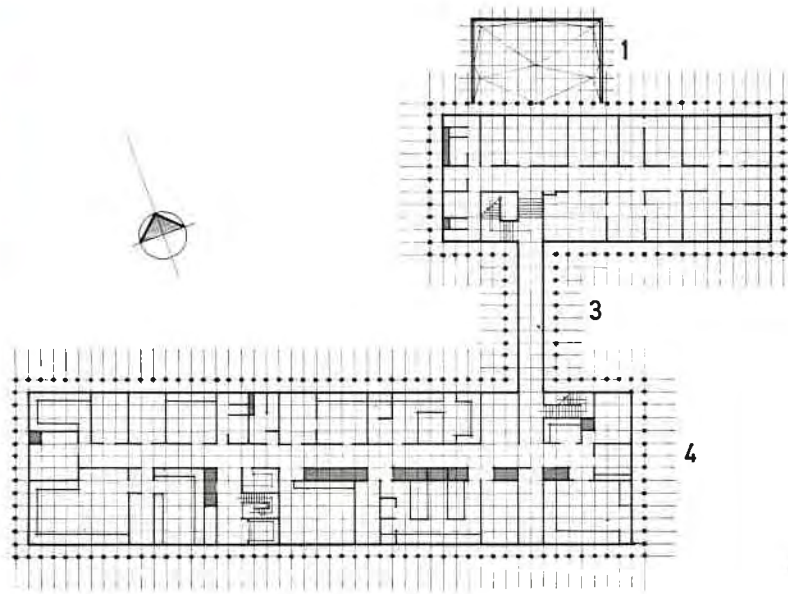
230 mm brickwork, plastered and painted white with flat built up roof and plastered ceiling throughout.







**REGIONAL  
HEADQUARTERS  
FOR S.A.B.S.  
WATERVAL PARK, DURBAN**  
FRANKLIN, GARLAND & GIBSON



Typical floor plan.



**BRIEF:**

A laboratory building was required to house the various testing and research departments of the S.A.B.S. while also serving as a regional headquarters. It was stressed that the building should not appear to be strictly utilitarian and the clients expressed the desire for an "elegant building".

**SITE:**

Located in Waterval Park on a hilltop facing northwards across at the Western Freeway. The awkward shape and the close proximity of adjoining industrial sites did not greatly enhance the site.

**DESIGN CONCEPT:**

It was considered essential to retain a human scale and to avoid a multi storey building. The 2 storey high white precast columns were deliberately located beyond the line of the windows to give a modular rhythm, depth and shading to all facades, while also expressing the simple structural system. The columns were placed at 1 200 centres on a simple podium and topped with graceful mushroom arched heads.

Due to the complicated service requirements of the laboratories, a series of vertical ducts were located down the centre of the building, linked to a horizontal duct at basement level, giving an extremely flexible interior space.

**MATERIALS:**

A white marble aggregate was used on both the precast columns and the insitu terrazzo and a brown marmoran was chosen for the plinth and below window sill level.



**DOLPHINARIUM  
DURBAN**

CHIAZZARI & FRANKLIN





#### BRIEF:

A building was required for the housing, training and display of aquatic mammals with the highest standards possible within the cost parameters.

#### SITE:

Located adjacent to the existing Aquarium, but separated by West Street extension. The water table occurred at -0.50 below ground level, while town planning regulations prohibited the height of the building exceeding +9.00 above mean sea level.

#### DESIGN CONCEPT

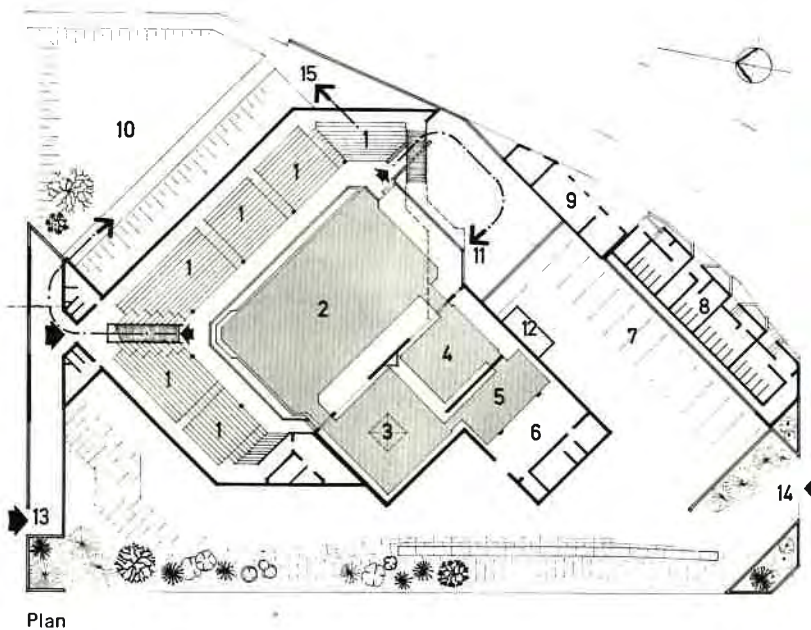
The physical needs of the mammals strongly dictated the desirable dimensions and depths of the pools with a strong emphasis being placed by the clients on flexibility of the housing and working areas. The height restriction caused the building to be sunk into the ground, and also affected the choice of roof structure. Both above and under water viewing were considered necessary and were catered for by allowing the public to move through the building via a series of ramps.

#### MATERIALS:

The extreme corrosion experienced on the beachfront led to the choice of shutter and precast concrete panels, stainless steel and aluminium windows and moduled plastic seats. The pools are tiled to minimise the growth of algae.

#### COST:

The contract sum for this project was R575 000,00.



Plan



## SHELL HOUSE DURBAN

GEOFFREY LE SUEUR, STAUCH,  
VORSTER & PARTNERS

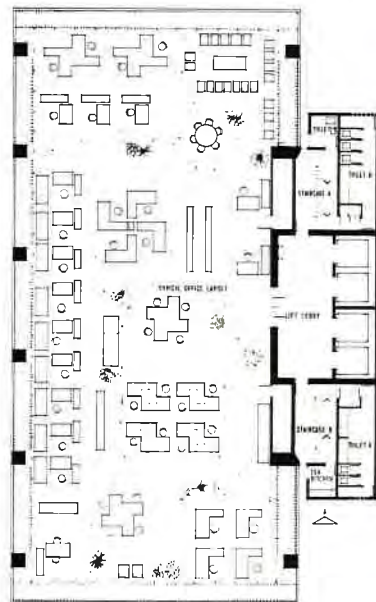


This building was completed last year on the old Metro Cinema site in Durban. It was originally designed for the needs of Western Bank, but has subsequently been re-named Shell House and is now the home of the Shell Oil Company in Durban.

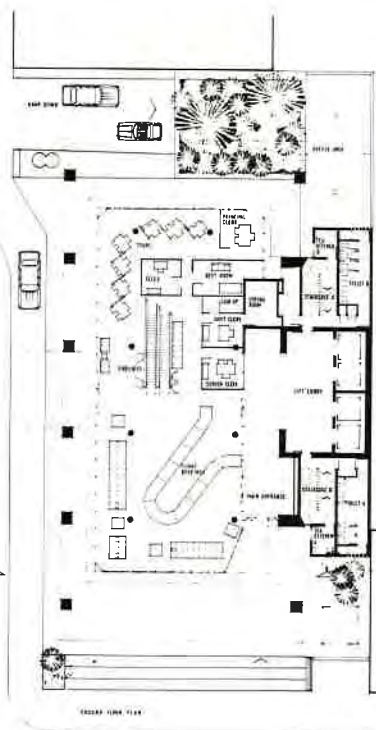
The two level banking hall was the most important element in the original brief and the architects were asked to design this as a show piece for the Western Bank organisation. This requirement dictated the expression of the Bank as a transparent glass box with the setbacks from the street boundaries creating a designed townscape feeling. The transparency of the banking hall enables a visual integration of this throughout the entire ground floor area. Western Bank have since withdrawn from the project and the banking hall is now being used as a passenger terminal for the South African Airways.

The Architects were also originally asked to design the office building with the view of encouraging landscape office planning. The 715 square metres office floors have a completely column free internal space with the main beams spanning 18 metres. The service core housing the lifts, stairs, toilets and tea kitchens, has been arranged in a carefully co-ordinated pattern along the western boundary, which in itself forms a sun protecting element. The office block has been expressed as a simple, clean form with strong horizontal sun protecting fascias clad in a white ceramic tile.

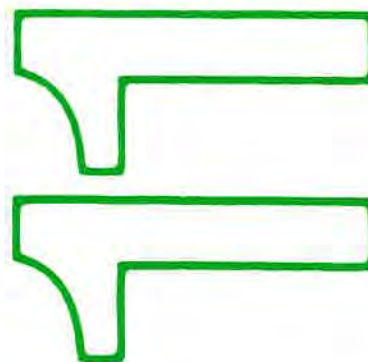




Upper floor plan.

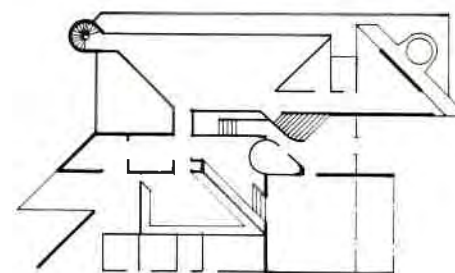


Ground floor plan.

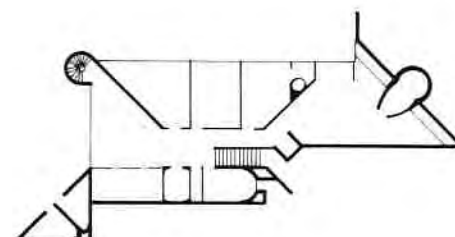


## HOUSE KARA WESTVILLE

HALLEN, THERON  
& PARTNERS



Upper level plan.



Ground level plan.

The house was designed for a businessman of the Indian community, providing accommodation for a family of five plus one relative. Because of the sloping nature of the site the bedroom accommodation was situated on the ground floor with an adjacent family room and a small play room to cater for the needs of the children. The upper floor, half level up from the entrance level, accommodates the living and dining areas, the guest room, kitchen and service areas. The client required large open spaces for catering and entertaining and the living and dining areas connect to an open interior court and to the garage which could also be used as a dancing and entertainment area. The family room is visually part of the living and dining areas and can be used in conjunction with these.

All the major rooms of the house face north/east with magnificent views. The family room is directly linked to a terrace containing the swimming pool on the north/west side of the house.

### CONSTRUCTION AND MATERIALS:

The house is built of 230 mm brickwork with plaster finishes. The re-inforced concrete roof slab is supported independently of the walls on five columns. Large glazed areas open to the north/east and north/west sides of the house.



Elevation

# 12

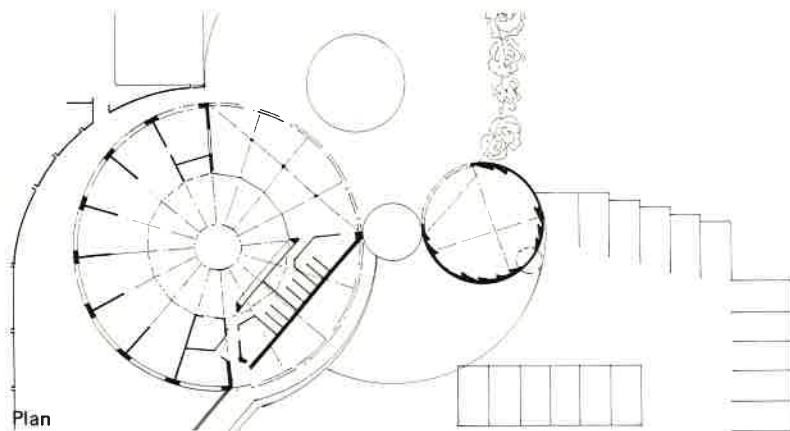
## ST. JOHN'S NURSERY SCHOOL PINETOWN

HALLEN, THERON & PARTNERS

The brief required provision of a pre-primary centre, which could also be converted into a large gathering area with the necessary service facilities, as well as a small chapel or smaller gathering area. The larger area is designed in such a way that six small classes can be accommodated within the space, yet visually connected to the larger gathering space. The area is served by a kitchen, several stores, a small office and ablution facilities. The small semi-enclosed class rooms open onto an enclosed rear court and the large gathering space opens onto the entrance court to the church formed by the new complex and the existing buildings and trees.

### CONSTRUCTION AND MATERIALS

Generally built of 230 mm face brick inside and outside with a prolith and asphalt roof on steel purlins with fibreglass roof lights.



# 13

## ST. JOHN'S DIOCESAN SCHOOL FOR GIRLS PIETERMARITZBURG

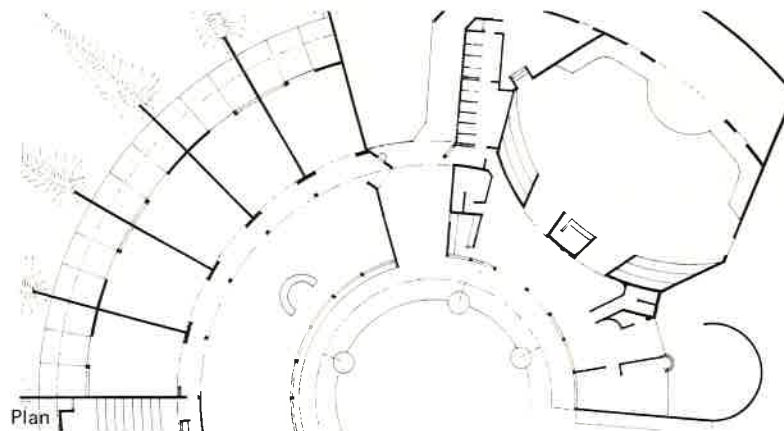
HALLEN, THERON & PARTNERS

The brief required six class rooms, a resource centre and an auditorium, plus some administrative facilities to be designed as a self-contained addition to St. John's Diocesan School for Girls. The complex has its own entrance with a circular entrance court with entrances to the class rooms, the auditorium and existing facilities. The class rooms face to the north and north-east, each opening onto its own private terrace, with the possibility for each class room to open at the rear to the resource centre. All six class rooms can be used in conjunction with the centre.

The semi-circular form of the complex has been chosen in order to enclose the open space between the existing school buildings.

### CONSTRUCTION AND MATERIAL:

Re-inforced concrete construction with 230 mm brickwork. Roofing: IBR sheeting with terracotta roof tiles. Wall finishes plaster and paint with brush concrete paving externally and carpeting internally.





# 14

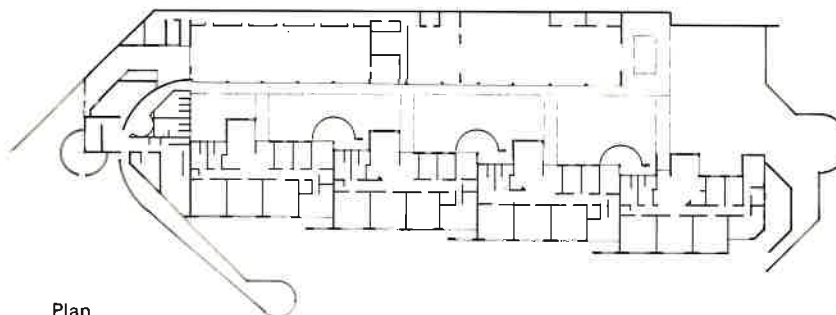
## GOLDEN HOURS CENTRE SHERWOOD, DURBAN

HALLEN, THERON & PARTNERS

The brief required a senior unit for mentally retarded adults. The accommodation provided comprises general administrative facilities, training workshop areas and dining room facilities with kitchen and storage facilities, a matron's flat and a supervisor's cottage; as well as residential facilities, consisting of four cottages. Every cottage has three bedrooms, each accommodating four people, two single bedrooms, and a lounge. A court yard is created between the workshop facilities and the cottages to provide a safe recreational environment for the residents. All the communal facilities of the cottages are closely related to the court yard. The bedrooms are situated on the quieter side of the complex and face south-east with magnificent views.

### CONSTRUCTION AND MATERIALS

230 mm plastered brickwork, painted in bright colours with canalit roofing and pro-lith ceilings throughout.



Plan



# 15

## S.A.R. & H. DURBAN

HALLEN, THERON & PARTNERS



The following are three commissions completed for the S.A.R. & H. as part of the new Durban station complex.

The brief for the first building required a laundry area, a boiler house and service yard and a catering platform. The laundry facilities, with an area of 2 680 square metres comprise covered off-loading platforms; a linen area, laundry and pressing facilities as well as lock-up storage for processed linen, whilst the catering area consists of delivery area, cold storage area, lockable storage area and a stocking platform. Ablution facilities for all races are provided in separate buildings on the same platform. (1)

The second building comprises a two storey building with parking and services situated on the lower floor. On the upper floor separate canteen and rest-room facilities, with separate entrances provided for drivers and conductors. Shared storage and administrative facilities separate the two areas from each other. (2)

The brief for the third building required mess and ablution facilities for various types of railway staff in a single storey building and general administrative facilities in a double storey building overlooking the marshalling yards, plus carpet washing and drying facilities. (3)

#### CONSTRUCTION AND MATERIALS:

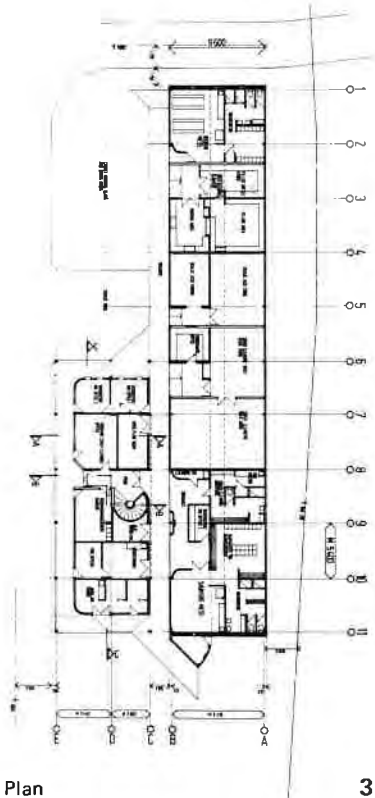
Generally reinforced concrete with face brick and off shutter finishes. Roofs: steel construction with sheet roofing.



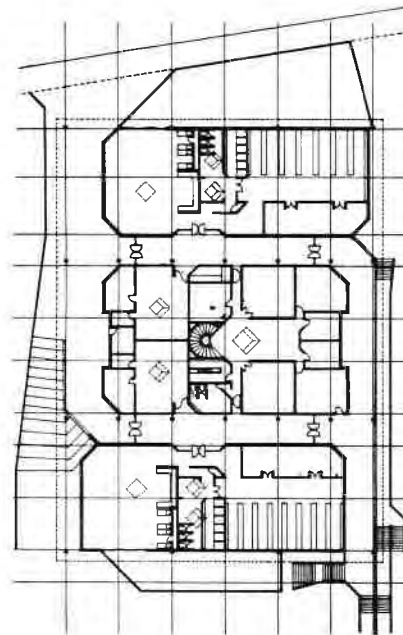
Typical longitudinal section.



Typical cross section.



Plan



Ground floor.



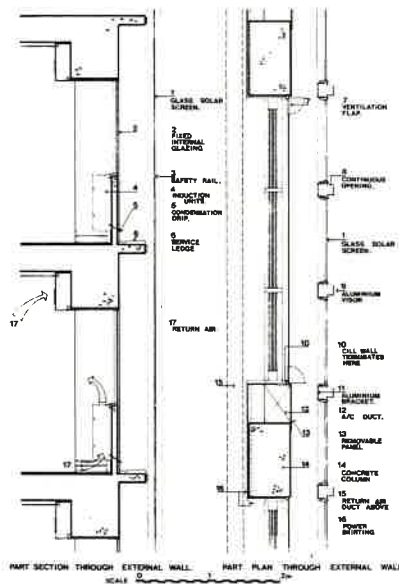
1



# 16

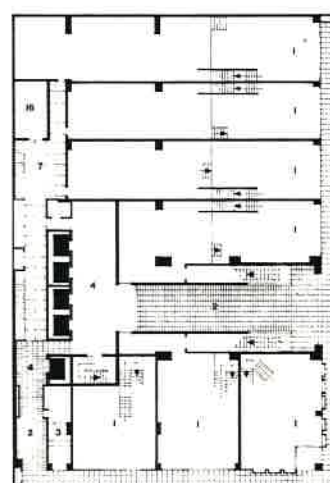
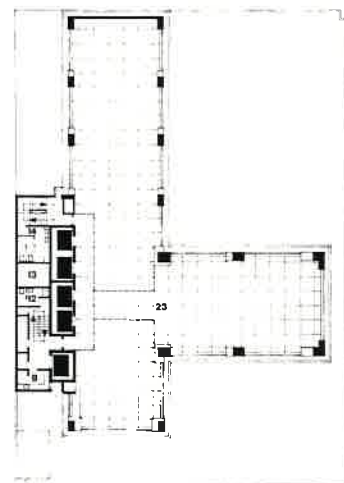
## GENERAL BUILDING DUBAN

MALLOWS, LOUW,  
HOFFE & HAMLIN



Details  
20

Floor level 4-12



Ground floor level

### THE SITE:

Situated at the corner of Smith and Field Streets, approximately 1 435 m<sup>2</sup> in extent, was zoned for 'General Business' with a bulk limitation of 8. Planning for car-parking was not permitted and no entry to the site from either street was allowed for vehicles.

The street frontages are approximately 31 m and 46 m respectively, being level along Smith Street and falling 1,5 m from north to south along Field Street.

### THE BRIEF:

This required a commercial building to contain shops at ground floor level on both streets, banking facilities, and general office space — all developed to the maximum permissible bulk.

In all cases, the accommodation was to be air-conditioned, and facilities were to be provided for all race groups.

### ARCHITECTURAL EXPRESSION:

The site occupies, perhaps, one of the most important corners in the C.B.D., and special attention was paid to the building's massing and its contribution to the street architecture. The form of the building is simple and direct.

Because of the east-west aspects a "solar screen" was devised and adopted as an 'envelope' to enclose the building, protect it with heat-absorbing glass, obscure its rough finishes, and provide a permanent maintenance-free external facade; simultaneously, to reduce street noises by the double-glazed arrangement.

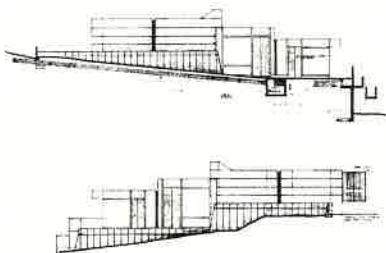
# 17

## HUNTLEY'S HILL SUBSTATION WESTVILLE

MAURICE DIBB

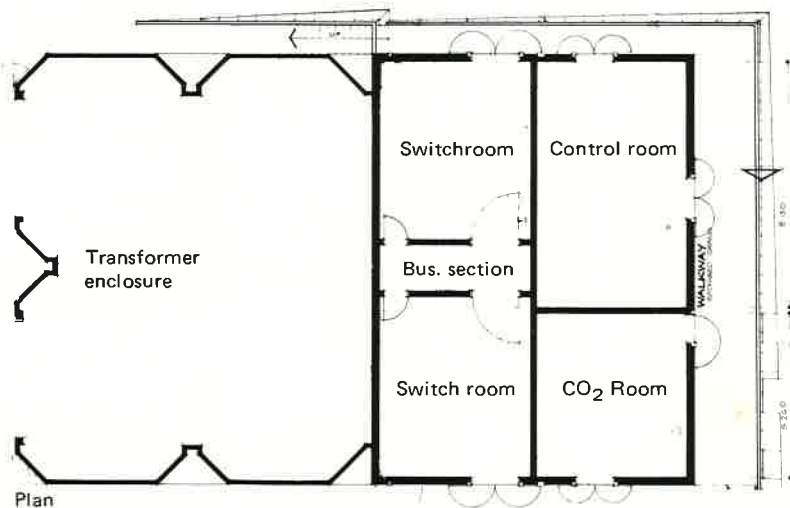




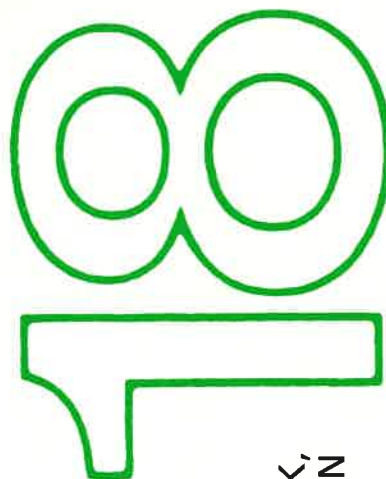


This building is a Durban Corporation unmanned 11 000 KVA sub-station. The site slopes steeply away from the road and is bounded on three sides by houses.

Security and maintenance free finishes were a requirement of the brief. The windowless spaces are lit by rooflights, and the external finish is water/sand eroded decorative aggregate off-shutter concrete.

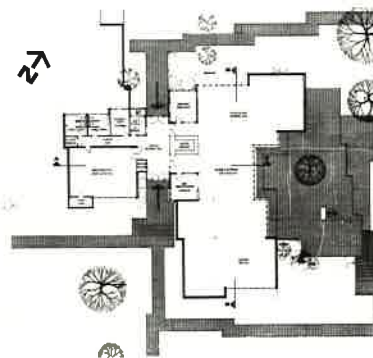
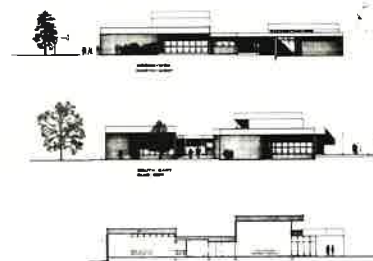


Plan



**LADYSMITH  
LIBRARY  
LADYSMITH**

**MOOLMAN,  
VAN DER WALT, VLOK,  
VAN DER WESTHUIZEN  
& SEGAL**



Plan



#### THE SITE:

The site is situated on the corner of Murchison & Alexander Streets adjacent to the Corporation's Administrative Offices in the centre of Ladysmith's CBD.

#### ACCOMMODATION:

The accommodation and areas for the various spaces were laid down by the Natal Provincial Library Service and the total area of building is 802 m<sup>2</sup>.

#### PLANNING CONSIDERATIONS:

Two major factors in planning were considered. Firstly, control and secondly, the multi-purpose functions of the group activity area and the children and adult areas. The control desk is placed so that the entrance foyer, group activities area, passage to toilets and reading rooms are visible and thus easily controlled. Because of the multi-purpose requirements of the above-mentioned areas, the forms were planned freely but in a rectangular geometric pattern.

#### ARCHITECTURAL EXPRESSION:

The building should have a civic character but, having many social uses, should not be stiff and formal. To achieve this, bold rectangular forms were used, in as precious materials as finances would permit, in an informal but controlled arrangement. It was endeavoured to create a discreet, sophisticated building with an inviting character inside and outside.

# news round-up

## NEW NATAL PROVINCIAL INSTITUTE OF ARCHITECTS COMMITTEE AND SUB-COMMITTEES.

At the fiftieth Annual General Meeting of Members held in the Banqueting Room of the Durban Club, on Thursday, October 20, 1977 the following persons were elected to the Natal Provincial Committee for 1978/79:

Miss J.M. Birss. Messrs. R.R. Harber, M.A. Jackson, I.F. Poole, D.A. Sherlock, G.R. Small, D.C. Smith, D.M. Taylor, J.D. Theron, E. Tollman.

At subsequent committee meetings the following were appointed to committees and sub-committees:

### 1. Executive Committee:

G. Small (President), D.M. Taylor (Vice-President), D.C. Smith with Messrs. M.A. Jackson and I.F. Poole as alternates.

### 2. National Board Representatives:

Messrs. G.R. Small; D.M. Taylor and M.A. Jackson.

### 3. Re-Appointment of Representatives serving on the undermentioned:

R.D. & S. Representative: Mr. D.M. Taylor.

Planning Committee of Durban: Mr. S.N. Tomkin; alternate Mr. E. Tollman.

Public Relations Officer: Mr. J.D. Theron.

Natal Technical College: Mr. H.H. Hallen — for 4 years from 1.2.76.

N.B.R.I. Regional Committee: Mr. W.R. O'Beirne; alternate Mr. D.C. Smith.

Observer Durban Chamber of Commerce: Mr. D.C. Smith.

Building By-Laws Liaison Committee of Durban: Mr. L.S. Williams; alternate Mr. D.C. Smith.

Town Planning Advisory Council of Westville: Mr. J.A. Frost appointed 14.9.77.

Queensburgh — Elevation Control and Building Plans Advisory

Board: Mr. P. Pretorius appointed 22.10.77.

University/Institute Liaison Committee: Messrs. S.N. Tomkin, M. Dibb and G. Seitter.

Pietermaritzburg Civic Centre Committee: Mr. G.R. Small; alternate Mr. L. Grové.

Durban Chamber of Commerce Council: Mr. M.A. Jackson.

Building Consultative Committee — Natal Technical College: Mr. D.M. Taylor.

Multi-Disciplinary Committee on Low Cost Housing: Messrs. J.D. Theron and P. Gibson.

S.A.C.A.P.: Mr. J.A. Frost.

E.P.P.I.C.: Miss J.M. Birss.

### Composition of Benevolent and N.P.I.A. Foundation Fund Trustees:

Benevolent Fund: Messrs. M.A. Jackson (Chairman); K.E. Gow; R.C.C. Bennett; S.N. Tomkin; President ex officio.

N.P.I. Foundation Fund: Messrs. M.A. Jackson (Chairman); A.B. Adkin; S.N. Tomkin.

### Sub-Committees:

Building By-Laws and Regulations Committee: Messrs. D.C. Smith (Chairman); W.R. O'Beirne; L.S. Williams; M. Dyer; R. Pugh; H. Parker; powers to co-opt and delegate.

Practice Advisory Committee: Messrs. D.A. Sherlock (Chairman); W.R. O'Beirne; K.E. Gow; T. Ward; D. Barbour; powers to co-opt and delegate. Offered to Assist: Messrs. N. Smith and M. Jackson.

Action Committee: Messrs. I.F. Poole (Chairman); B. Kearney; P. Pretorius; M. Dyer; I. Daniel; A. Atkinson; F. Vos; P. Hoal; powers to co-opt. Offered to Assist: Messrs. D. Callinicos; J. Frost; and Miss J. Birss.

House and Functions: Mr. R. Harber (Convenor).

Awards Committee: Messrs. S. Tomkin (Chairman); W.R. O'Beirne; J. Frost; E. Tollman; and Miss J. Birss.

Committee on Planning: Messrs. E. Tollman (Chairman); J. Smith; J. Theron; E. Haarhoff; S. Tomkin; R. Harber; and Miss J. Birss; powers to co-opt.

Pietermaritzburg Sub-Committee: Not yet appointed.

Conservation Committee — Natal: This recently formed committee comprises the following persons:

Messrs. J.A. Frost (architect); D. Allaway (lawyer); D. Boyd (AnT); R. Bennett (architect); R. Brusse (architect); W. Clark (quantity surveyor); I. Daniel (architect); R. Holdcroft (architect); B. Kearney (architect); P. Louis (quantity surveyor); P. Moxley (architect); W. Peters (architect); P. Pretorius (architect); G. Small (architect); Mrs. D. Strutt (The Curator of History, Durban); Messrs. D. Claude (architect); J.F. Coote (architect); C.F. Glasspool (architect).

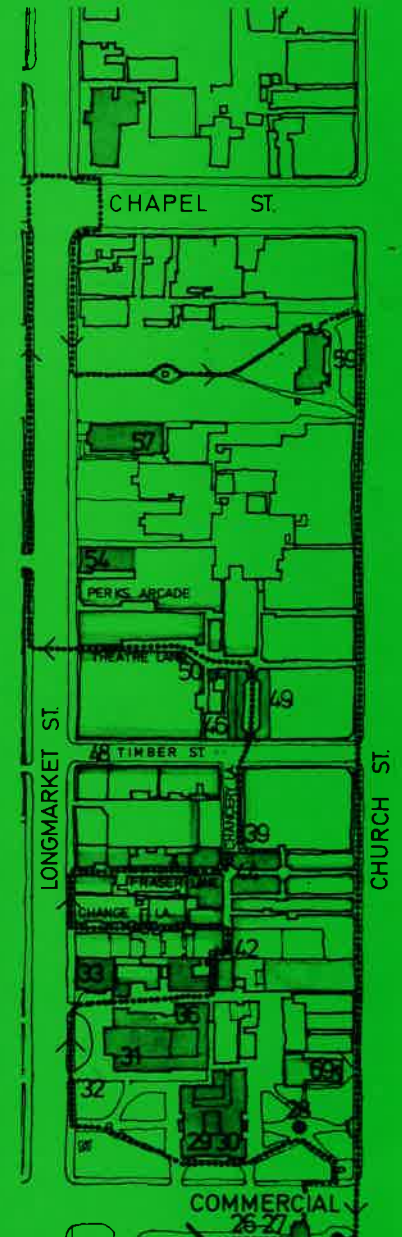
Due to the ongoing nature of its work membership of this committee will not change but may be added to from time to time. It is in fact a sub-committee of the National Conservation Committee although it will report back through the President to that committee. Mr. J.A. Frost was appointed by the National Conservation Committee as this Institute's representative to serve thereon.

### Pietermaritzburg Exhibition:

The Institute in conjunction with the Tatham Art Gallery co-sponsored a highly successful exhibition entitled "Pietermaritzburg", held in Old St. Saviours Cathedral, Commercial Road, Pietermaritzburg. The objective of the exhibition was to exhibit the special characteristics of Pietermaritzburg and the integration of its past, present and future. The exhibition was not intended to limit itself to any particular place, building or period but to fully exploit the unique qualities to be found in the city's built environment and social activities.

In addition a programme of evening events was planned to indicate

the variety of cultural activities and a discussion took place after the official opening of the exhibition under the Chairmanship of Mr. Gordon Small, Vice-President of the Natal Provincial Institute of Architects.





# changes:

## Changes in Address:

P.E.J. Reyniers to c/o 49a Old Woking Road, West Byfleet, Weybridge, Surrey, KT 146 LH, England.

R. Greaves to 542 Ridge Road, Berea, Durban.

J. Kirton to c/o 1301 Santam Buildings, 447 Smith Street, Durban.

E.J. Clemence to 52 Old Main Road, Kloof.

Mrs. M.E. Greening (formerly Miss Chapman) to 9 Glenview, 312 Cato Road, Durban.

R.F. Greaves to P.O. Box 303, Gillitts.

G. Salt to Flat No. 1, 194 Essenwood Road, Durban.

D.C. Garvie, D.B. Barboore, C.F. Mouton, G.E. Le Sueur, J.C. Simpson, J.C. Purkis (Geoffrey Le Sueur — Stauch Vorster and Partners) to Fassifern, 35 Ridge Road, Durban.

L.A. Ferreira da Silva and J.L.H. Smith (Ferreira da Silva and Smith) to 78 Julia Road, Overport.

W.M. Pickering (ACP Integrated) to 59 Musgrave Road, Durban.

## Changes in Partnerships:

The partnership of Gourlay, Harris, Fels and Partners is now styled Gourlay, Moore, Harris, Fels and Partners.

F.A. Vos, H.H. Grant and M.G. Grant have combined to form a partnership practising under the style of The Grant Vos Partnership at 1106 NBS Building, Smith Street, Durban.

H.D. Green is no longer associated with the partnership Mark Hussey, Green, Te Water.

Mr. H.J. Nel is no longer a partner in the Pretoria office of Oscar, Hurwitz, Murray and Pokroy. He is practising under the style of H.J. Nel and Partners with Messrs. H.J. Nel, O. Hurwitz, I.B. Murray, S. Pokroy, J.S. Pretorius, J. Nelmapius, C.J. Jacobsz, D. Solomon, V. Kroeger, F.J. Viljoen as partners.

Mr. G.F. Mullins is no longer in partnership with Messrs. S. Price, M. Hackner and A. Skordis. The style of the firm is now Price, Hackner and Skordis.

P.H. de Villiers is no longer a director in Interplan and the Durban office has therefore closed.

From September 1, 1977 the firm of Le Roux and Partners will practice in Durban under the title of Le Roux, Bullock and Partners.

From October 1, 1977 Mr. N. du Preez will be practising on his own account.

## Transfers in Class:

Miss L.W. Shepherd — ordinary to retired.

D.W. Claassen — retired to ordinary.

K.F. Moulle — ordinary to retired.

## Changes in Membership:

P.H. de Villiers — NPI to TPI.

H.N. Werkman — TPI to NPI.

K.S. Long — TPI to NPI.

## New Members

W.M.M. Sutherland (AnT).

M.M.A. Farinha (AnT).

K. Laloo (AnT).

B.M.B. Stafford (AnT).

W.M.M. Sutherland (re-instated an ordinary member).

## Resignation:

R.C. Cawood.

## Deceased:

K.D. Sievwright.





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