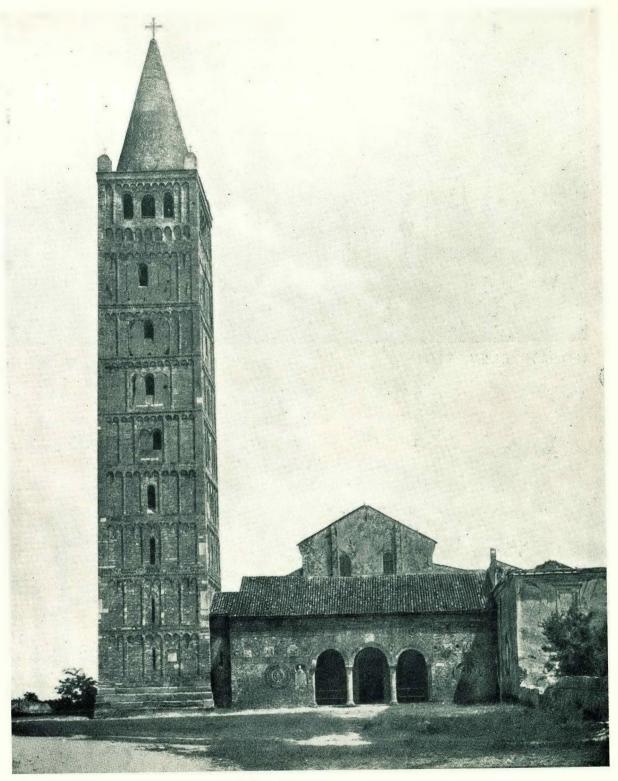
# POMPOSA

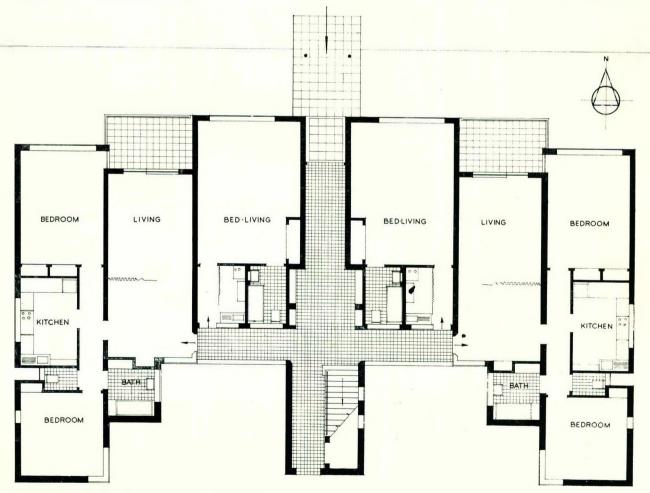


The virile composition of S. Maria



NORTH ELEVATION

Photos • G. Cassel



GROUND FLOOR PLAN

Tucked away in a quiet street in a pleasant northern suburb of Johannesburg, Shelley Court takes on the unobtrusive character of its neighbourhood; yet it succeeds in striking a new note in the architecture of the small flat building.

It presents a modest, and dignified, yet smiling face to the world—" a simple person, who wears no gold on his garments."

The conditions of the problem were by no means unusual, but the solution is a fresh and convincing one—convincing because it is essentially logical.

The site (200 feet  $\times$  100 feet) is comparatively narrow and deep, with a slope of roughly 10 feet from south to north. Both the view and the sun are on the narrower (north) side of the site. Town planning regulations permitted only two storey buildings; at the same time it was essential that all the flats be planned with a north aspect; also that a full complement of garages and servants' quarters be provided. An additional complication was the presence of a large house in the centre of the site, which had to be left standing for the time being.

The building was therefore planned in two separate blocks, to be linked, when the house should be demolished, by an open corridor. The north block, which is the one now being reviewed, has been kept as low as possible, in order that the south block, aided by the natural rise of the ground, and the additional height of a lower ground floor of garages, etc., will obtain, when built, a clear view over the top of the flat roof of the north block. At the same time, this will make possible a northern aspect for all the flats of both blocks. An additional gain will be the two atriums, which will be formed between the two buildings.

The same functionalism which characterises the general planning can be discerned in the detailed planning of the flats. Here we have an example of economical and balanced planning—economical in that there is no waste—and balanced because everything is adequate and there is no niggardliness! In fact, the cramped "flat" atmosphere is entirely lacking. The effect rather is that of a spacious and well-appointed house.

The conventional entrance hall has been done away with, or rather becomes part and parcel of the living room. A formal division, if required, is provided by a curtain near the centre of the room, which measures overall 27 feet  $\times$  13 feet, and is lit from both sides. The French windows on the north side lead out to a large and well-protected stoep, which, being also accessible from a bedroom, may be used as a sleeping porch.

A short passage provides all the necessary communication between the different parts of the flat. The kitchen is particularly worthy of note. The original plan shows a pantry and scullery adjoining, but it was decided to eliminate these, throw the extra space into the kitchen, and provide a complete range of fittings. Each kitchen contains a fitted dresser, a larder cupboard, a china cupboard, two teak tables with cupboards under, a sink cupboard, and a folding ironing board, in addition to a full-size four-plate gas range and a five cubic foot refrigerator. These kitchens, with the fittings ducoed in Eau-de-Nil, the walls and ceilings painted similarly, and green rubber floors to match, are not the least pleasant places in the building, and contribute largely to its amenities.



A LIVING ROOM



KITCHEN DETAIL

The external treatment of the building is interesting. The lines are clean, modern and, not least, functional. A cornice, for example, is provided to protect the walls from the vertical sun and rain. The windows are set flush with the plaster to avoid external sills which collect dust. This eventually is washed in streaks on to the walls. External sills also, almost invariably, are the cause of dampness under the windows. Again, slits have been left between the balcony walls and the main building to prevent plaster cracks appearing at these points.

What is of great interest, however, is the colour treatment of the building, which is at one and the same time both restrained and bold. number of this journal a writer stated that only the finest buildings could dare to be painted white; in fact, white paint practically meant good architecture. The architects of Shelley Court were, however, of the opposite opinion. It was observed that after the pristine newness had worn off, white buildings under our dusty atmospheric conditions generally appeared dirty and bedraggled. The same applied in a lesser degree to cream shades. The walls of Shelley Court were therefore painted a pastel grey, with the faintest hint The large windows exposed on the north elevation were considered a slightly disturbing factor, and were painted "out," that is, to match the walls. The remaining smaller windows on the east, south and west elevations, also those under the shade of the balconies, were painted a vivid purple. The edge of the cornice, the iron railings of the balconies, and the roofs are also painted purple. The blinds are striped grey and blue. The whole colour scheme sounds improbable—actually it is most satisfying, combining a subtle restraint, with an innocent gaiety, and harmonising well with the surroundings. After the surfeit of yellow bricks, cream or white or cement walls, and red or green window frames, it is really refreshing to see a building which flaunts saucy purple railings above demure grey walls. . . . .

Shelley Court proves one thing, if it does nothing else, that there is yet a vast field to be explored in the use of colour as applied to buildings.

## STAIRCASE DETAIL





FACADE DETAIL

SHELLEY COURT

OF

#### MEMBERSHIP.

THE

The membership at the close of the year consisted of 97 Practising, 35 Salaried, 13 Retired and 4 Absentee members, a total of 149 members. death is recorded with much regret of F. Bateson and G. Elmes.

#### MEETINGS.

One Annual General Meeting, eighteen Committee meetings and ten sub-Committee meetings were held during the year. The following is a record of members' attendances, excluding those members who retired after the last Annual General Meeting.

						Possible.	Attended.
Douglas Hoets.	March	to	December,	1937		13	13
R. Ohlsson.	,,	,,	"	,,		13	11
H. L. Roberts.	"	**	,,	,,		13	10
B. St. C. Lightfoo	t. "	,,	,,	,,		13	10
R. F. R. Day.	January	to	December,	1937		18	16
J. K. Parker.	,,	,,	,,	,,		18	18
L. A. Elsworth.	"	,,	,,	,,	*****	18	14
F. M. Glennie.	,,	"	11	"		18	10
Brian Mansergh.	,,	,,	,,	12		18	12

#### FINANCIAL.

The audited accounts show the Income to have been £516 6s. 6d. and the

expenditure £468 18s. 11d., leaving a credit balance of £47 7s. 7d.

On the income side of the account increases are shown in subscriptions and profit on sale of contract forms, etc., and two additional items of revenue, viz., R.I.B.A. moieties and interest on deposit appear, the former due to the moieties being appropriated to the funds of the C.P.I. instead of, as formerly, distributed to the members in respect of whom they were refunded.

On the other hand, profit from the Kalendar shows a considerable drop,

due to increased cost of production and to fewer advertisements.

The expenditure account shows a substantial reduction in office rental, but increases in other directions, notably grant to Port Elizabeth Local Committee, donations, and expenses incurred in connection with the Argus Ideal Home Competition. The nett profit on the year's operations, as stated, amounted to £47 7s. 7d., as compared with £6 8s. 4d. in the previous account.

Attention is again directed to the fact that we should have been faced with a serious deficit but for revenue derived from extraneous sources, viz., the Kalendar and the R.I.B.A. moieties. It is maintained that it should be possible to meet all normal administrative expenditure out of subscriptions collected from our members, but this cannot be done so long as the levy payable to the Central Council remains at 331/3%. From the accounts it will be seen that the year's levy amounted to £213 2s. 7d., and to this figure may be added the sum of £84 paid to the Council for registration fees.

#### THE CENTRAL COUNCIL.

The 1937 session of the Central Council was held in Durban. It opened on 25th and continued till 27th March. Mr. H. J. Brownlee, President-in-Chief, occupied the chair until the new President-in-Chief, Mr. Ernest M. Powers was elected. Amongst the more important business dealt with at the meeting were the proposed restoration of Clause 3(c) to the Act, Professional Propaganda, revision of the present form of building contract, proposed sub-division of the scale of professional fees, architectural education, the proposed acquisition by the Council of the "South African Architectural Record," re-allocation of seats on the Council, etc., etc. Mr. E. M. Powers, President-in-Chief, made official visits to Port Elizabeth and Capetown towards the close of the year.

The Cape representatives, Messrs. Parker and Elsworth, are cordially thanked for their services at the meeting.

#### THE PORT ELIZABETH LOCAL COMMITTEE.

During the year under review a financial arrangement was concluded whereby an annual sum amounting to one-third of the subscriptions collected in Port Elizabeth shall in future be paid over to the Local Committee for the purpose of defraying its administrative expenses.

It has also been arranged that one of the C.P.I's two representatives on the Central Council shall be drawn from the Eastern Province.

#### THE SCHOOL OF ARCHITECTURE.

The number of students attending the architectural classes at the University of Capetown during 1937 was 54. Of these 11 were first year, 5 second year, 6 third, 10 fourth year and 22 fifth year students. Thirteen students succeeded in passing the final and 5 the third year examination.

Members would learn with much gratification that a Chair in Architecture was established during the year, the first incumbent to occupy the position being Professor Thornton White, F.R.I.B.A. The Institute's congratulations and best wishes are extended to Professor Thornton White in his new sphere of activity. It may be mentioned as a matter of interest that the University contemplates arranging part-time classes for the benefit of those students employed in architects' offices who are unable, or cannot afford, to take the full-time course.

## CITY OF CAPETOWN BUILDING REGULATIONS.

The hope expressed in the last report that revision of the regulations would be completed towards the end of 1937 has unfortunately not been realised; but the work has been in active progress for a considerable time past, and there is now every indication that it will be brought to finality before long. Draft copies are now being typed, and it is understood that the Institute, amongst other bodies, will be consulted before the regulations are officially promulgated. In the meantime the Council has imposed a number of very necessary interim restrictions upon the erection of flats in the city, all of which will presumably be incorporated in the new building regulations.

# TABLE BAY HARBOUR DEVELOPMENT SCHEME.

During the year under review the Government embarked upon a huge scheme of development embracing extensive enlargement of docking accommodation in Table Bay and reclamation of a large area of land on the foreshore. There has been a good deal of correspondence and a certain amount of criticism regarding the scheme in the local Press, but it would appear from a statement made by the City Engineer that after a certain stage of the plan has been reached architects and town-planners will be consulted by the City Council.

It is felt that the profession has a most important duty to perform for the benefit of the citizens of Capetown, and this duty it will not shirk.

A Fine Arts Committee should be formed to act both with the Government and the Municipality; with the Government in order that new structures connected with shipping may not jeopardise the lay-out of the reclaimed area: with the Municipality to the end that the reclaimed area be properly planned and thereafter not spoiled by the uncontrolled activities of persons acting without consideration for the public good.

#### PROFESSIONAL PROPAGANDA.

Inspired by Mr. C. P. Walgate's paper read at the last Congress, the Institute decided to inaugurate a campaign of professional propaganda throughout the Union. The Central Council, it is understood, has in preparation a pamphlet on the lines of "Adventure of Building," published under the auspices of the Royal Institute of British Architects, which should prove to be informative and useful to potential home-builders. A permanent Propaganda Committee has been formed by the Cape Institute and a large number of articles prepared under its direction have from time to time been published in the local Press.

#### IDEAL HOME COMPETITION.

During the year the Argus Company, under an arrangement made with the Central Council, promoted a Union-wide competition for three types of ideal homes costing respectively £950, £1,700, £2,500. The competition was open to all architects and architectural students in South Africa and nine prizes of One hundred and fifty guineas were offered (three in respect of each zone, Johannesburg, Capetown and Durban, where the designs were on exhibition).

The Argus Company, in terms of its agreement with the Central Council, has reproduced in its newspapers a large number of the designs submitted, and by this means, and by public exhibitions, brought many potential homebuilders into touch with architects whose plans appealed to them.

The various winners in the competitions are heartily congratulated on their success.

#### C.P.I. BRONZE MEDAL AND OTHER PRIZES.

The 1937 C.P.I. Bronze Medal for the best example of architecture executed within the Province of the Cape of Good Hope has been awarded to Messrs. John Perry and Lightfoot for their design of the High Commissioner's offices in Capetown.

The John Perry Students' Prize of five guineas for the best work done during the third year's course at the University has been divided between Miss P. Jones and Mr. J. Perry.

The C.P.I. Students' Prize of five guineas for the best work done during the final year of the University course has been awarded to Mr. G. M. Hussey.

The successful competitors in these competitions are warmly congratulated.

#### ANNUAL EXHIBITION OF CONTEMPORARY ART.

Sixteen exhibits were sent to the Architectural Section of the 1937-38 Exhibition of Contemporary Art.

#### THE LIBRARY.

One volume (the 14th) of the Wren Society was acquired by purchase during the year. The proprietors of the "Architect, Builder and Engineer" and the "South African Architectural Record" are thanked for the distribution of their respective journals to our members.

#### THE KALENDAR.

Mr. S. K. Jordan is cordially thanked for his article, "Foundations Involving Underpinning and Retaining Walls," and Mr. R. F. R. Day for his services as Honorary Editor.

# TALKS ON MATTERS OF PROFESSIONAL INTEREST.

Members were favoured with talks upon the following subjects:-

"Architectural Comments After Four Weeks' Visit to South Africa," by Mr. Louis Blanc, L.R.I.B.A.

"Foundations Involving Underpinning and Retaining Walls," by

Mr. Sydney Kenneth Jordan.

"Harbour Development and the Layout of the New Area of Capetown," by Mr. J. F. Craig, Harbour Engineer, South African Railways and Harbours.

#### PROSECUTION UNDER THE ACT.

There was one local prosecution under Section 3 of the Act during the year, the offending party being fined, upon admission of guilt.

JOHN K. PARKER,

President.

# THE NATAL PROVINCIAL INSTITUTE OF ARCHITECTS. ANNUAL REPORT, 1937.

Your Committee has pleasure in presenting the following statement of its activities during the past session, being the Eleventh Annual Report of the Natal Provincial Institute of Architects.

#### MEMBERSHIP.

During the year four new members have been enrolled. The membership at the close of the year consisted of forty-eight Practising, ten Salaried and four Retired members, a total of sixty-two members.

#### COMMITTEE.

At the last Annual General Meeting the following members were elected to act on the Provincial Committee:—Messrs. B. V. Bartholomew (President), D. C. McDonald (Vice-President), Colonel G. T. Hurst, E. M. Powers, W. Hirst, Wallace Paton, W. S. Payne, C. S. M. Taylor and L. A. Peyton.

#### MEETINGS.

One Annual General Meeting, thirteen Committee meetings, two quarterly meetings, besides several Sub-Committee meetings, were held during the year, and the attendance has been satisfactory.

Your President presided at a Durban Library Group lecture delivered by the Rev. Canon W. T. Alston, of Pietermaritzburg, on "Gothic Architecture."

This Institute was honoured by the award of the King's Medal to your President, Mr. B. V. Bartholomew, who represented the Institute at the banquet at Pietermaritzburg given by the Administrator in honour of His Majesty's accession to the throne.

Mr. Ernest M. Power (President-in-Chief) was re-appointed representative on the Central Council, with Mr. C. S. M. Taylor as Alternate. Mr. Powers also represents this Provincial Institute on the Standing Committee on Education and Examinations.

Congratulations are extended to Mr. Powers on his election to the office

of President-in-Chief of the Institute of South African Architects.

Colonel G. T. Hirst was re-appointed representative of the Natal Provincial Institute on the Natal Technical College Council, and Mr. Wallace Paton represents this Provincial Institute on the Art Consultative Committee of the Natal Technical College.

There has been nothing of an outstanding nature to report during the session under review, but matters of importance to the profession have occupied

the attention of the Committee from time to time.

Consultations have taken place between your Committee and the Master Builders' Association concerning matters in connection with Conditions of Building Contracts, etc.

The Sub-Committee appointed to deal with Building Bye-Laws has given much attention to the various revisions and amendments to the Borough

Building Bye-Laws affecting the profession.

Thanks are due to those members of the various committees who have given so much of their valuable time to the various matters concerned.

#### NATAL ARCHITECTURE MEDAL.

The 1936 Bronze Medal was awarded to Mr. G. E. Le Sueur, A.R.I.B.A., M.I.A., for his design of the Royal Durban Golf Club House, Greyville, and a bronze plaque containing the name of the author has been affixed to the building.

Several nominations for the year 1937 Bronze Medal Award have been received, which award will be announced at the Annual General Meeting, after

adjudication of the jury.

#### STUDENTS' PRIZES.

The Annual Exhibition of students' drawings at the Natal University College, Durban, was held in June last, and the following awards were made by the assessors:

First Year—for the best set of drawings : Mr. W. H. Cheeseman.

Second Year: Mr. L. T. Croft.

These students are heartily congratulated upon their success.

## HISTORY OF ARCHITECTURE AND MEASURED DRAWINGS BRONZE MEDAL.

Mr. Ernest M. Powers, F.R.I.B.A., President-in-Chief, has kindly offered to donate a Bronze Medal (to be competed for annually) to students of the Natal University College, Durban, for the best set of measured drawings, or an essay on a subject set by lecturers in architecture, Natal University College.

# ARGUS COY.'S "IDEAL HOMES" COMPETITION.

The drawings submitted in connection with the Natal—East London zone, in the above competition, were exhibited in the Art Gallery Room, City Hall, Durban, in September last, for the purpose of assessing by the method of the Greek Vote, with the following result:

For "A" Type of House: First pr

Type of House: First prize, Mr. Ralph P. Hamlin, Durban;

second prize, Mr. Graeme Marwick, Bulawayo.

For "B" Type of House: First prize was divided between Mr. W. J. Gunn, Durban, and Mr. L. Ayers, Bulawayo.

#### CENTRAL COUNCIL.

The 1937 Annual Meeting of the Central Council was held in Durban on 25th, 26th and 27th March. Mr. E. M. Powers, F.R.I.B.A., was elected President-in-Chief of the Council, with Mr. R. J. C. Prentice, M.C.Q.S., as Vice-President-in-Chief.

The decision of the Council to hold one of its meetings at this centre was very much appreciated. This being the first occasion on which such a meeting had been thrown open to the members of the profession, several of the Natal members and Quantity Surveyors were present, and your President, Mr. Bartholomew, on behalf of the Natal Provincial Institute, extended a very hearty welcome to the members of the Council on their first visit to Durban.

On Saturday the official delegates and guests were entertained at a dinner at the Playhouse, the President presiding, after which the party attended a

cinema show, and a very enjoyable evening was spent.

Thanks are extended to the members of the Central Council who sacrifice so much of their valuable time in promoting the interests of the profession.

#### FINANCES.

The audited Balance Sheet and Statement of Accounts for the year, accompanying this report, show the financial position, which may be considered very satisfactory.

#### LIBRARY.

Thanks are extended to the "South African Architectural Record" for its journal, which has been circulated to members during the year; and thanks are due to the R.I.B.A. and Allied Societies for their journals and calendars received from time to time.

Members are reminded that "Standard Progress Certificates," bound in book form, containing 50 certificates, at 2/6 per book; "Conditions of Contract Agreement" forms at 1/- each, and "Scale of Professional Fees," in pamphlet form, at 3d. each, may be had on application to the Secretary.

# ORANGE FREE STATE PROVINCIAL INSTITUTE OF ARCHITECTS. ANNUAL REPORT.

#### Gentlemen,

I have pleasure in welcoming you here to the Eleventh Annual General Meeting of the O.F.S. Provincial Institute of Architects and to report as follows:—

#### MEMBERSHIP.

Our membership shows no such increase as that occurring in the other Provinces for the obvious reason that gold mining has not extended to the O.F.S., and the Transvaal activity which has been of such benefit to the Witwatersrand and South African seaports has not influenced us. Agriculture has been adversely affected by drought in the year 1937, crops perished and stock died, and in the Provinces, strangely, little rain has fallen in 1938.

#### COMMITTEE WORK.

The work of the Committee has been that of general superintendence of the interests of the profession and an endavour to obtain wider recognition by Government and building owners. The Executive met whenever questions affecting architects came forward, and my thanks are due to them for their services.

#### FINANCE.

The Revenue and Expenditure Account and Balance Sheet have been circulated to all members.

Our assets, less liabilities, stand at £146 12s. 6d., which may be deemed

satisfactory.

For the first time in five years we have a debit balance on the year's working; the amount, £14 3s. 3d., is mainly due to the final settlement of the Howden Prize Silver Medal account (£60, spread over three years), and it is, no doubt, a matter of congratulation to all members of this Institute that the small sum on the wrong side of the ledger is due to so worthy an object.

The item £31 10s. 0d., subscription in arrear, is being steadily liquidated.

#### CENTRAL COUNCIL.

The relationship between this Institute and Central Council remains as cordial as heretofore, and I desire to congratulate Central Council and the Executive Committee on the work of the past year. Their time, so willingly and freely given, not for their own advancement, but for the benefit of our profession throughout the whole of the Union of South Africa, not only makes us a unified body speaking as one voice whenever necessary, but, through that same, public recognition, although dilatory, is certainly making headway; I particularly ask members to read the address of Mr. H. J. Brownlee, given when he retired from the position of President-in-Chief. It will be found on page 42 of the 1937-38 Year Book.

# ARCHITECTS' PROFESSIONAL JOURNAL.

I am sure we are all awaiting the advent of a South African Architectural Journal, a publication dealing with the interests and furtherance of our profession and concerning itself with Building, Design, Constructional Matters, Materials, Contracts, etc., if dealing with the "abstract" also devoting pages to the "concrete."

Engineering and the Building Industry might also figure in the pages of

an architectural professional journal.

# CENTRAL COUNCIL CIRCULARS.

I trust all members are preserving the circulars received from the Registrar from time to time on such matters as the use of initials of institutions where membership is not by examination. Advertising in an undignified manner, etc., observance of instructions received in such circulars is incumbent on all, and I can only advise—if in doubt consult your Committee.

#### YEAR BOOK.

The publication is now greatly improved owing to the work of our Registrar, who took the original Regulations and amendments thereto from time to time and revised the whole setting; as now printed the various paragraphs and clauses follow in serial and natural rotation; the duties, etc., of Central Council, Provincial Institutes, members, etc., are arranged in their proper groups. This may seem a small matter, but it was extremely necessary and occupied a period extending over two years.

# TENDERING WITHOUT QUANTITIES.

The Bloemfontein Master Builders and Allied Trades Association now allow tendering to be done without quantities up to the sum of £1,500.

#### COST OF BUILDING.

This is a question which should receive attention from Provincial Institutes, and Central Council suggests an alliance be made with Municipalities, the Federation of Building Trades, engineers-both civil and constructional -and (representing the building public)-Chambers of Commerce.

Government help in sub-economic housing is only touching the question. Why such help! Why sub-economic! Surely as far as "up country" is concerned it is greatly due to high railway rates that building is so expensive. Some figures taken a few years ago showed plaster of paris £43 c.i.f. at the coast, duty and railage to Johannesburg £40 3s. 1d. (practically 93% extra on landed cost).

Galvanised iron water piping increases by 60% for duty and railage to Bloemfontein. 4in. plate glass value f.o.b. Liverpool £67 10s., railage from Port Elizabeth to Germiston £74 19s. 3d. But if revision is to be effected it must be done by as many bodies and as many areas as possible taking con-

certed action with the Government.

#### O.F.S. TECHNICAL COLLEGE.

Our Institute some twelve months ago offered a prize, value £1 1s., for presentation in the Building Constructional Classes, and this has, on the recommendation of the College Council, been awarded to Mr. B. J. Ralph, an apprentice of Messrs. W. H. Birt & Sons; he has attended classes regularly and passed well in examinations.

#### LIBRARY.

The full set of four volumes and series of charts of "Modern Building Practice" (edited by Mr. Percy E. Thomas, Past President, R.I.B.A.), has been acquired, and may be loaned to members desiring to borrow same on terms obtainable from the Hon. Secretary.

#### THANKS.

I desire to record my thanks to the Vice-President, Committee and Honorary Secretary for their assistance during my year of office.

#### SECRETARY.

Mr. Frederick W. Masey, our Honorary Secretary and Treasurer, is anxious to be relieved from Secretarial duties, and it is our task to find another member who will volunteer for this onerous work.

#### GENERALLY.

I sincerely trust our Institute will continue to fulfil a useful purpose and expand and flourish in the future, and that we shall get our fair share of the prosperity which is at present manifest in other centres.

(Signed) W. M. TIMLIN,

President.

# ORANGE FREE STATE PROVINCIAL INSTITUTE OF ARCHITECTS.

Office Bearers and Committee, 1938-1939.

President: H. G. E. de la Cornillere. Senior Vice-President: W. M. Timlin, L.R.I.B.A.

Junior Vice-President: W. W. Tonkin, L.R.I.B.A.

Committee: H. G. E. de la Cornillere, Fredk. W. Masey, F.R.I.B.A.; W. M. Timlin, L.R.I.B.A.; W. W. Tonkin, L.R.I.B.A.; H. C. Tully, B.Arch.; H. A. C. Wallace, F.S.I.

Hon. Secretary: H. C. Tully, B.Arch., P.O. Box 288, Bloemfontein.

Hon. Treasurer: Fredk. W. Masey, F.R.I.B.A., National Mutual Buildings, Bloemfontein.

Representative on Central Council: W. W. Tonkin, L.R.I.B.A., P.O. Box 590, Bloemfontein.

Alternate on Central Council: Fredk. W. Masey, F.R.I.B.A.

# THE TRANSVAAL PROVINCIAL INSTITUTE OF SOUTH AFRICAN ARCHITECTS

# COMMITTEE'S ANNUAL REPORT FOR THE YEAR ENDED 31st DECEMBER, 1937

To the Members,

The Transvaal Provincial Institute.

Your Committee has pleasure in submitting this, the Eleventh Annual Report for the year ended 31st December, 1937.

#### COMMITTEES AND MEETINGS.

At the first meeting following the election of your Committee at the Annual General Meeting in March, 1937, Mr. H. G. Tomkyns was elected President, Mr. N. M. Eaton Senior Vice-President, and Mr. Rex Martienssen Junior Vice-President.

During the past year, twelve ordinary and three special meetings of the Provincial Committee were held, and the following is a record of the attendances at those meetings:—

						Possible.	Attended.
H. G. Tomkyns	(Presid	dent)		******		14	14
N. M. Eaton (Sen	ior Vi	ice-Pre	sident)	)		15	12
Rex Martienssen	(Juni	ior Vic	e-Pres	ident)		11	9
R. A. Bruce		*****	*****			15	14
S. C. Dowsett	1000		*****			14	11
A. S. Furner						11	8
D. S. Haddon				*****		12	12
R. Howden			*****	*****	*****	<b>15</b>	15
W. Gordon McIn	tosh	*****		*****		15	13
D. L. Nurcombe		*****			*****	12	8
G. E. Pearse		**			N=0 * * *	13	10
H. R. L. Wintle		*****			****	8	5

Messrs. Dowsett, Furner, Haddon, Martienssen, Nurcombe, Tomkyns and Wintle were absent on leave for various periods during the year.

The thanks of the Institute are due to those members who rendered valuable services during the year on Sub-Committees on Finance, Practice, By-Laws, S.A. Academy, Professional Fees and the Journal, and to the Secretary for his constant interest and activity in all the affairs of the Institute.

#### MEMBERSHIP.

At the close of the year the membership consisted of 324 members as follows:—

Practising	 		*****	165
Salaried	 	*****	*****	112
Absentee	 	*****		12
Retired	 			35

which represents 58% of the total membership of the Institute of South African architects.

During the year 19 new members were enrolled, four transferred from other Provinces to this Institute, and four transferred from this Institute to other Provinces, four members died and one resigned, making a total increase in membership of 14 as compared with the previous year.

The new members enrolled during the year were:-

Messrs. G. G. Albert, E. E. Amson, G. S. Barnett, P. Breedveld, M. L. Bryer, G. H. Crickmay, J. I. Cronje, J. de Bruyn, J. T. du Toit, Mrs. J. Eleanor Ferguson, Mr. F. Joubert, Miss E. O. Louw, Messrs. H. D. Margo, A. R. Meadley, D. J. Parr, R. C. Rinaldi, K. H. Sichel, C. M. Sinclair, S. L. Williams.

#### OBITUARY.

Your Committee very much regrets to have to record the deaths of Mr. P. E. Treeby, who died on the 14th April, 1937; Mr. J. G. Carmichael, who died on 21st June, 1937; Mr. H. J. Aldwinkle, who died on the 12th September, 1937, and Mr. G. S. Burt-Andrews, a Past-President of this Institute, who died on the 3rd November, 1937.

# CENTRAL COUNCIL.

The 1937/38 Central Council met in Durban on the 25th, 26th and 27th March, 1937.

Mr. E. M. Powers, F.R.I.B.A., was elected President-in-Chief and Mr. R. J. C. Prentice, F.S.I., M.R.S.I., Vice-President-in-Chief.

This Institute's representatives on the Central Council for this year were Messrs. N. M. Eaton, R. Howden, W. G. McIntosh, Professor G. E. Pearse and Mr. H. G. Tomkyns.

Amongst several matters dealt with, the following may be mentioned: Conditions of Contract, Scale of Fees, Howden Scholarship Fund, Propaganda Publication, Revised Regulations, "S.A. Architectural Record," Co-ordination of Building By-Laws.

#### FINANCE.

#### Institute Account.

We have completed the year with a surplus of £94 2s. 8d., showing a slight increase over the previous year. The position, however, could have been improved considerably if our members were to meet their obligations with regard to their subscriptions. The arrears for 1937 alone have accumulated to £350, and the total arrears, including previous years, amounts to £721 16s. 0d.—truly an unsatisfactory record, and an appeal to members to pay their dues is timely and should receive attention without delay.

Expenditure shows an increase over the previous year which is due mainly to the larger amounts paid to the Central Council for levies and membership fees to the Associated Scientific and Technical Societies Club.

The amount on fixed deposit with the Alliance Building Society is now £607 compared with £486 last year.

# Journal Account.

A considerable reduction in the surplus is shown here compared with the previous year, and that is due to a large increased expenditure in the production of the "Record," although there was an increase in revenue.

The increased expenditure was £650 and the increased revenue £335. A great deal of expense was incurred in the production of special numbers of the "Record" with full-page illustrations and many in colour.

A payment of £100 was made on account of the loan from the funds of the Institute.

#### COMPETITIONS.

The only competition held during the year was the "Ideal Homes" Competition, when the Argus Printing and Publishing Co., Ltd., invited competitive designs for three types of houses, classified according to the cost, which was not to exceed £950, £1,700 and £2,500 respectively.

The assessing of the designs was done by the competitors themselves, viz.: by the Greek vote, in the three zones—Cape Province, Natal, and Transvaal and Free State—and the following are the results:—

### Section A-Transvaal:

£950-Mr. G. Marwick (University of the Witwatersrand).

£1,700—Mr. J. G. Turvey (University of Pretoria).

£2,500-Mr. G. Marwick (University of the Witwatersrand).

## Section B-Cape :

£950-Mr. G. Marwick (University of the Witwatersrand).

£1,700—Mr. A. A. Telford (Transvaal Provincial Institute).

£2,500—Mr. A. A. Telford (Transvaal Provincial Institute).

#### Section C-Natal:

£950-Mr. R. P. Hamlin (Natal Provincial Institute).

£1,700—Mr. Ayers (Bulawayo) and Mr. W. J. Gunn (Natal Provincial Institute).

£2,500—Mr. A. A. Telford (Transvaal Provincial Institute)

#### R.I.B.A.

The thanks of this Committee are extended to Mr. Maurice E. Webb, D.S.O., F.R.I.B.A., for continuing to represent this Institute on the R.I.B.A. Allied Societies Conference.

#### THE JOURNAL,

The "South African Architectural Record" has continued to function as a journal of great interest and service to the profession, and the hearty thanks of the Institute are extended to the Editors and their associates in its production.

It is circulated to all members of the Institute and the Chapter free of charge.

The Journal Committee appreciates the continued support received from those firms who advertise in the "Record," and urges all members to reciprocate by extending their support to those firms whenever possible.

# THE SOUTH AFRICAN ACADEMY.

The Eighteenth Annual Exhibition of the South African Academy, under the auspices of the Transvaal Provincial Institute, was held in the Selborne Hall, Johannesburg, from 3rd to 15th May, 1937. Your Committee again records its appreciation of the generous grant from the City Council of Johannesburg which permits of the holding of these exhibitions in the Selborne Hall without any cost to the Institute.

The standard of the exhibits generally was equal to that of the last few years, and quite a good display of architectural work was submitted.

Appreciation and thanks are extended to the Academy Sub-Committee, to the Judges and the Hanging Committee, especially Mr. and Mrs. C. D. St. Leger, also to Messrs. W. F. Johnstone & Co., Ltd., for timber supplied; Mr. Coombes for erecting frames, etc.; Messrs. Fredk. Sage & Co. (S.A.), Ltd., for the loan of show cases; and the School of Art, Witwatersrand Technical College, for the loan of pedestals, etc.

# TOWN PLANNING.

At a meeting of the Town Planning Committee held on the 27th October, 1937, it was agreed to wind up the Association.

The Association has served a useful purpose in the past, and its main object had been attained in the passing of the Transvaal Town Planning Ordinance, but in view of the appointment of Town Planning committees in Johannesburg, Pretoria and Reef towns, and also Regional Planners, the scope of the Association had been considerably narrowed.

It is, however, gratifying to note that two of the members of this Association have been elected to serve on the Town Planning Committee of the City Council, Johannesburg—Messrs. N. T. Cowin and H. Porter.

#### BENEVOLENT FUND.

During the past year the income accruing to this fund amounted to £199 16s. 2d., made up of contributions £169 3s. 6d. and interest on invested funds £30 12s. 8d.

Grants-in-aid absorbed £114, leaving a balance of £85 16s. 2d. to be added to accumulated funds, which at the close of the year totalled £997 8s. 7d.

By Order of the Committee.

A. S. PEARSE.

Secretary.

# THE CHAPTER OF SOUTH AFRICAN QUANTITY SURVEYORS. BOARD'S REPORT FOR 1937-1938.

To Members of the Chapter.

Your Board has pleasure in submitting its Annual Report. The Board, for the year under review (i.e., from March 13th, 1937, to March 12th, 1938), consisted of:

Solely Practising Members: Professor H. Bell-John, Messrs. A. A. Bjorkman, C. L. F. Borckenhagen, J. W. Cowling, D. J. Laing, T. Moore, and Lt.-Col. W. E. Puntis.

"Dual" Practising Members: Messrs. R. Howden and F. Williamson.

Salaried Members: Messrs. Leo C. Austin, R. J. C. Prentice, and Dr. E. J. Hamlin.

Dr. E. J. Hamlin was elected President for the year; Mr. C. L. F. Borckenhagen, Senior Vice-President; and Mr. F. Williamson, Junior Vice-President.

#### BOARD MEETINGS.

During the year there were 10 meetings of the Board, in respect of which the following is the attendance record:

C. L. F. Borckenhagen, 9; T. Moore, 9; R. J. C. Prentice, 9; L. C. Austin, 8; A. A. Bjorkman, 8; R. Howden, 8; D. J. Laing, 8; E. J. Hamlin, 7; H. Bell-John, 6; J. W. Cowling, 6; W. E. Puntis, 6; F. Williamson, 3.

#### FINANCE COMMITTEE.

The thanks of the Board, and of the Chapter, are due to the Finance Committee for its careful attention to the finances of the Chapter.

#### THE CENTRAL COUNCIL.

The following members represented the Chapter on the Central Council of the Institute during the year:

(i) Dr. E. J. Hamlin (Alternate, Mr. D. J. Laing);

(ii) Mr. T. Moore (Alternate, Mr. C. L. F. Borckenhagen).

In addition, Mr. R. J. C. Prentice, in his capacity as Union Government Quantity Surveyor nominee, has a permanent seat on the Central Council.

### STANDING COMMITTEE ON EDUCATION AND EXAMINATIONS.

The Chapter's representatives on the Standing Committee on Education and Examinations are:

- (i) Dr. E. J. Hamlin (Alternate, R. J. C. Prentice);
- (ii) T. Moore (Alternate, W. E. Puntis); and
- (iii) W. E. Puntis (Alternate, T. Moore).

### STANDING COMMITTEE ON PROFESSIONAL PRACTICE.

The quantity surveyor representative on the Central Council's Standing Committee on Professional Practice is Mr. D. J. Laing (Mr. R. Howden being the architect representative).

#### CHAPTER'S MEMBERSHIP.

The total membership of the Chapter, compiled as on February 21st, 1938, is 173, composed as follows:

Practising solely as	Quantity	Surv	eyors		 		60
" Dual " Practising 1	Members			****			34
Salaried Members			*****				46
Retired Members				4000			<b>2</b> 9
Honorary Members						-	4

Included in the total figure of 173 are six members whose names do not appear in the Institute's or Chapter's publications, in terms of Regulation 74.

#### NEW ENROLMENTS.

During the year under review, there were nine new enrolments, viz.:

Salaried Members: T. J. H. Clark, E. T. Dobson, M. J. Golder, C. J. Leigh-Hunt, L. F. M. Lockwood-Hall, R. Lowry, W. L. Paul, and F. A. A. Sturdy.

Practising Member: B. A. Barker.

### CHANGES IN MEMBERSHIP.

Obituary: The Board has to record, with regret, the passing of Mr. J. S. Donaldson and Mr. F. Raine, "Retired" members of the Chapter.

Transfers: The following transfers were effected during the year:

To Practising Membership: Mr. E. S. Gurney and Mr. C. J. Leigh-Hunt.

To Retired Membership: Mr. J. E. Harrison, Mr. G. E. Simmons, and Mr. E. H. Waugh.

# QUANTITY SURVEYING EDUCATION AND EXAMINATIONS.

The Board wishes once again to record its appreciation of the services rendered by Mr. J. W. Cowling in his capacity as Visiting Inspector attending University examinations in quantity surveying.

#### DEGREE COURSE, UNIVERSITY OF CAPETOWN.

Since the appointment of Professtor Thornton White to the Chair of Architecture of the University of Capetown, the degree course in quantity surveying of that University has been revised. The curriculum for the revised degree course, which shows considerable improvement on what was previously offered, is at present under consideration by your Board.

#### DIPLOMA COURSE, UNIVERSITY OF PRETORIA.

The Board is not yet in a position to report any development in the matter of recognition by the Chartered Surveyors' Institution of the diploma course in quantity surveying of the University of Pretoria.

# QUANTITY SURVEYING STUDENTS.

The following figures indicate the numbers of quantity surveying students who attended the Universities of Pretoria and the Witwatersrand during 1937:

		Un of	iversity Pretoria.	University of the Witwatersrand.
Degree Course			4	3
Diploma Course			22	36
			-	-
			26	39
			_	_

There are, in addition, Quantity Surveying students in other parts of South Africa, in the offices of practitioners, studying for the examinations of the Chartered Surveyors' Institution.

During the year the following students completed the requirements for the diploma in quantity surveying of the University of Pretoria, viz. :

M. J. Golder, K. A. Morren, and H. Muller.

#### 1937 PRIZE-WINNERS.

The following recommendations have been made in respect of the following prizes, for the year 1937:

Gold Medal	 (No award)
"Quantities," 1st year	R. G. Chittenden
"Quantities," 2nd year	P. G. Culligan
"Professor's Prize." "Quantities." 3rd year	G. M. Hetherington

#### CHAPTER'S FINANCIAL POSITION.

The audited accounts of the Chapter for the calendar year 1937, together with an Explanatory Statement thereon, have already been circulated to members.

#### BENEVOLENT FUND.

It is very gratifying to draw attention to the substantial augmentation of the Benevolent Fund. The following is a complete list of the donations received during the year:

							£		đ.
ţ.	D. J. Laing		-000-1					10	6
ķ	Dr. E. J. Hamlin	3,6000						10	6
*	C. L. F. Borckenhage	n						10	6
*	F. Williamson	-						5	3
it.	R. Howden							5	3
	D. M. Sinclair (Sen	r.)						10	0
	J. E. Harrison						5	5	0
	J. Seaton Hodge						1	1	0
	D. S. Mann							10	0
	Selkirk & Lane						5	5	0
	H. Bell-John			****			5	5	0
	Murdoch & Bannern	nan					2	2	0
	T. H. Louw	4-11-1					2	2	0
	Farrow & Laing:		. ,	T A T	W - TZ1-				
	E. B. Farrow, D		aing,	W. A. I	ATCIVECT.	mie,	21	0	0
	R. Harrison		T71				5	0 5	0
	R. S. Shepherd, Quai	u & v	wooa		-		6	6	0
			******				10	10	0
	D. J. Laing					14071	10	0	6
	W. J. Clyde			-			5	5	0
	W. E. Puntis H. F. E. Banks						1	1	0
		Di	100				3	2	6
		Fyvie					5	5	0
	J. W. Cowling J. W. G. Walters						5	4	6
	G. M. Law	Antin					2	2	0
							10	10	Ö
	Thompson & Martin F. Davis Hickman						100	0	ő
	W. M. Warne						1	ŏ	ŏ
	A. W. Springthorpe	*****					5	5	ŏ
4	TO T T						15	15	ŏ
+	A. A. Bjorkman						15	15	ŏ
+	W. G. Thompson						15	15	Õ
*	Dr. E. J. Hamlin						1	11	6
*	J. W. Cowling			14404			1	1	0
	J. P. Smyth						2	2	ő
	o. I. Milly off								
					To	tal	£278	18	0

#### THE STANDARD SYSTEM.

As members have from time to time been advised, the Permanent Sub-Committee is proceeding with its formidable task of revising the Standard System, trade by trade. In respect of each trade so far dealt with, invitations have been issued to members, by means of the minutes, to assist the Sub-Committee by offering suggestions for improvement. The response from members has been so disappointing that the Board has advised the Sub-Committee no longer to follow this procedure, but to proceed forthwith with its work of revision, to co-opt whomever it deems necessary, and in due course to submit its completed revision to the Board.

#### RELATIONSHIP WITH ARCHITECTS.

During the year a joint meeting was held between representatives of the Board and of the Transvaal Provincial Institute, as the result of which

<sup>\*</sup> Board meeting expenses.

<sup>†</sup> Quantity Surveying Fees, Argus "Ideal Homes" Competition.

both bodies have approved, in principle, of a Permanent Joint Committee being brought into being. The Board is confident that considerable benefit will result from the work of the Joint Committee.

#### MASTER BUILDERS' ASSOCIATION.

- (i) In November, 1937, quantity surveyors were the guests of the Witwatersrand Master Builders' Association, on the occasion of the Annual Sports Day, which was a most enjoyable function.
- (ii) During the year representatives of the Board, and of the Transvaal Provincial Institute, met representatives of the National Federation of Building Trade Employers in South Africa, and matters of mutual importance were considered.

# "IDEAL HOMES" COMPETITION.

The Board is pleased to report an important development, in recognition of the value of the quantity surveyor's specialised services, in the matter of architectural competitions. In the Argus Company's "Ideal Homes" Competitions the promoters appointed quantity surveyors at Capetown, Durban and Johannesburg to examine each drawing submitted and to attach thereto an estimate of cost, for guidance in assessing.

# "QUANTITY SURVEYORS' CLUB."

The amended constitution of "The Quantity Surveyors' Club" has been submitted to the Board, and will be considered at the Annual General Meeting.

## QUANTITY SURVEYING FEES.

The Board has devoted a considerable amount of attention to the revision of the Scale of Fees, the draft of which has been issued to members of the Chapter, for their comments.

# DIRECTORSHIPS IN COMPANIES ASSOCIATED WITH THE BUILDING TRADES.

A Special General Meeting, convened at the request of Johannesburg members, was held on November 25th, 1937, to consider amending the Unprofessional Conduct Regulation which prohibits a quantity surveyor from acting as a director of a company associated with the building trades. A resolution to this effect was adopted by the meeting, but in view of the fact that, of the Chapter's total membership, only 29 were present, and of those 29, 13 voted for the resolution, 4 against it, and 12 refrained from voting, the Board has decided to obtain an expression of opinion from every member of the Chapter, by means of a referendum, on this important matter.

# VOTES OF THANKS.

The Board desires to record its sincere appreciation of the interest in the welfare of the Chapter at all times evinced by the President, Dr. E. J. Hamlin.

The Board desires to place on record its great appreciation of the excellent work done by the Secretary, Mr. J. S. Lewis. His efforts on behalf of every member of the Chapter have been untiring.

Johannesburg,

March 3rd, 1938.

# THE ARCHITECTURAL STUDENTS' SOCIETY

# Programme for First Term of 1938.

Thursday, March 31st:

8.15 p.m. "THE MODERN THEATRE," Leo Kurz.

Thursday, April 14th:

8.15 p.m. "WHITHER ARCHITECTURE," Paul Connell.

An Analysis of Recent Architectural Work.

Thursday, April 28th:

8.15 p.m. "THE DOCUMENTARY FILM." Commentary by John Fassler.

Thursday, May 19th:

8.15 p.m. PRESIDENTIAL ADDRESS.

Friday, May 27th:

ANNUAL DANCE.

Thursday, June 2nd:

8.15 p.m. "SOUND AND FURY," Professor P. R. Kirby.

# TOWN PLANNING CONGRESS.

Thursday, June 23rd:

4.0 p.m. Opening of the Exhibition.

Thursday, June 23rd:

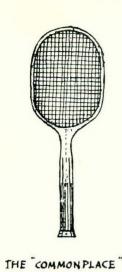
8. 0 p.m. "SOCIOLOGICAL APROACH TO TOWN PLANNING." "PSYCHOLOGICAL APPROACH TO TOWN PLANNING."

Friday, June 24th:

8. 0 p.m. "THE TASK OF THE ARCHITECT."
"SURVEY OF TWENTIETH
CENTURY TOWN PLANNING"

Saturday, June 25th:

8. 0 p.m. "SOUTH AFRICAN INDUS-TRIAL CENTRE—VEREENIGING."
"THE BUSINESS CENTRE OF CAPETOWN."





THE JACOBEAN



THE WREN



THE LOVIS QVINZE

"Reflects the soulless degradation of the industrial epoch."

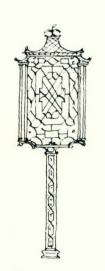
A....ro in Architects' Journal.

"Fit for Heroes to play with."

Mr. L...dG.....

"....can trace the master hand of Sir E." Country Life

"Charmingly Decorative." Our Homes and Gardens.



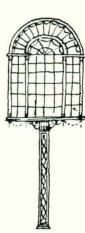
THE CHINESE CHIPPENDALE

"An exquisite fantasy." The Studio.



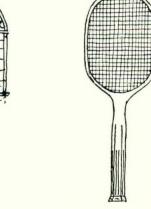
THE NEO-GREC

"....scholarly and refined work." Architectural Review.



THE ADAMS

".... on sound traditional lines."
The Builder



THE NOT NEO-ANYTHING

"The final triumph." A.A. Journal.

"NEO": HIS RISE AND FALL

With acknowledgments to the "A.A. Journal," 1921.

# "PERIOD" DESIGNS FOR TENNIS RACKETS

It is said that the tennis racket of commerce reflects the soulless degradation of the industrial epoch. A newly-formed Guild of Racket Craftsmen decide to commission eminent Architects to prepare drawings for new types.

Some delightful designs are evolved, based on the various styles of architecture of the past. Their authors achieve popularity, but even yet there are murmurs of discontent.

The Moderns convene a mass meeting and appoint another commission to study the theory and practice of tennis dynamics. Their final triumph is here shown, and of this design it has been said, and well said, that in it the logical expression of function has been uttered in terms of the purest aesthetic.

The diagrammatic illustrations represent the most recent invention for obviating the use of overhead cisterns and which is claimed to be of the simplest construction conceivable.

No levers are required to set the valve in action, and there is an entire absence of springs, washers or other wearing parts.

Figure 1 represents a flushing valve as adapted for urinal stalls or for water closets where the flushing takes place only when the user moves away from the fitting. The action in this case is entirely automatic.

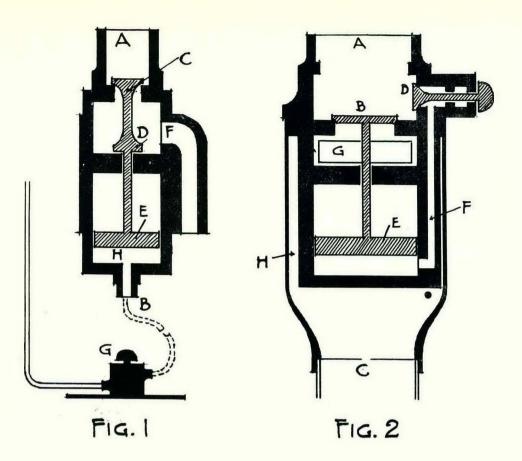
The top of the valve at A is connected directly to a half-inch water supply pipe. A thin copper pipe is led off from any other point on the supply pipe and bent to pass behind the urinal stall, or other concealed position, then through a "control valve" under the floor mat and up again to point B. The valve proper consists of a small conical mushroom valve C, below which is a similar reversed valve D, and a plunger E of larger diameter, all on the same stem. The casing is divided into two chambers, one of which accommodates valves C and D with the flush opening F, while the other contains the plunger E. The shoulder at C is doubly seated.

When not in action, the valve C is held against its seating by the pressure in the supply pipe. Immediately the water is released through the control valve by pressure on the mat at G, the plunger E is simultaneously pushed up, and the valve D closes off the opening at C, causing at the same time a so-called "dashpot effect" which wets the face of the stall. So long as the plunger is held up by the pressure of the water underneath it—that is, so long as pressure is maintained on the foot-mat—the reverse valve D continues to shut off the water inlet at C. As soon as this pressure is released, the water in the chamber H commences to leak out very gradually under hydraulic pressure and the plunger starts lowering itself, thus releasing the water supply through the aperture at C and causing the flushing to take place through F, until the top valve C returns to its normal position and is once more held in place by the water pressure in the main supply pipe. The size of the orifice (or weephole) through which the water leaks out of chamber H during the flushing operation determines the duration of the flush.

It is to be noted that the pressure of water in the main supply plays a very minor part in this flushing valve, by reason of the fact that the same pressure which is against valve C is applied to a larger area below the plunger E, thus causing the upward movement of the valve proper. In the case of valves for wash basins and showers, the reversed mushroom valve D is omitted from the stem, thus causing the water to commence flowing through the flush opening upon pressure on the "control valve."

Reverting to Figure 2, the same principle is applied to flushing valves for water closets. The valve is connected at its top end A to a  $1\frac{1}{2}$ -inch water main which holds the valve B to its seating. The flush-pipe is connected to the lower end of the valve at C. In this case, the control valve takes the form of a push button valve D, communicating with the bottom of the plunger E by means of a small by-pass (or passage) in the wall of the casing F.

The reversed valve as at D in Figure 1 is here omitted.



Immediately the push button is pressed, the main supply rushes into the chamber beneath the plunger and raises the valve B simultaneously. The flush then takes place through the aperture at B, rushes through the "ports" at G and through an annular space formed between an outer and inner casing as at H. As in the previous figure, the duration of the flush is regulated by the size of the orifice through which the water leaks out beneath the plunger.

To obviate any action of back-pressure, or vacuum, that might be created in the case of flushing valves connected directly to the town water mains, precaution is taken by introducing a "vacuum break" in the outer casing of the flushing valve.

# Advantages:

- (1) Simple construction: Can be made in South Africa.
- (2) Easy to instal: no special fittings.
- (3) No maintenance.
- (4) No sound of air or water passing through the valve.
- (5) No levers to manipulate—just the press of a button.
- (6) Very neat in appearance.
- (7) 100 per cent. metal construction.
- (8) Enormous saving of water.
- (9) Nothing inside to obstruct the flow of water.
- (10) Compares well with cost of any other installation.
- (11) Cannot leak.

# Trials and Tribulations

Dear Sir,

Just a few lines to let you know why did you gife my work away to other painters after you said the 2 bedrooms are alright its the only thing what I can recont what you think is the pink room. But that will come right to if you gife me the right colour of it is there any thing Sir that you told me or Mr. S. . . . what I must do over and that I didn't do it over. and I don't mind do every thing over So long I Satisfied you. But now you come on the job and you said it is all japies working on the job and where did you get the right to call me a japie I can proof you that Im a first class painter and where do you get the right to say I mus'nt come on the job any more and you know as well as I do if the tender is sighd by the builder and the priming is done and if you gife the job away to any other one that I got the right to claim my tenders full amount from the builder and now I asked Mr. S . . . . if he wants to gife the work away to Some body else that he got to pay me out for my material and labour what I've been using, and he did refuse and he told me to see you and like you know almy ceilings was done 2 coats white distemper like we do all the ceilings from the houses and S . . . didn't stop me to say or tell me that it must not be white after I start 1st coating the walls cream you come and say I cot to do the ceilings the Same as the walls and change the colours why didnt Mr. S . . . . told me to wait till he see you do he think I picked up my material But Sir I didnt say nothing I whent and do it over to please you and still on Monday you said the ceilings was alright it is just the pink room what makes the trouble and do you and Mr. S . . . think I picked my material up and if you Mr. S . . . . are not going to pay me out what I've done and desighd or that you can gife the job away you and Mr. S . . . . got no right to gife the job away before you pay me out because I was not un willing to do things over that was not right and unless you tell Mr. S . . . . to pay me out and if you dont I'll go futher you musnt think I'm a dem fool because all my work what I've done for Mr. S . . . . he had nothing to say on. Now he tries to be funny But I can be funny to But the only thing that you and Mr. S . . . . can do is to pay me out first before you gife the job to Some body else Because already where its notefied 2 coats I got 3 to 4 coats distemper on already through you changing colours every day because you dont know yourself what colour you want and it is not Specified the doors to be flocked But 3 coats oil paint and I have done it So you can see Mr. S . . . . and let me know as soon as possible what you are going to designd because Mr. S . . . was dem cheecky last night so let me know or drop me a few lines

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Copy of a letter received by a Johannesburg Architect.

# Journal of the SA Architectural Institute

## **PUBLISHER:**

University of the Witwatersrand, Johannesburg

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