



A record of the Boukunde Architectural Archive

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DEPARTMENT OF ARCHITECTURE, UNIVERSITY OF PRETORIA



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In memory of Prof Karel Bakker

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Preface

This publication is the first of its kind in Boukunde and celebrates the history, workings and future intentions of the Architectural Archive of the Department of Architecture. This publication acts as the foundation for future records of the endeavours of the Archive Committee, while allowing interested parties to access available information and provide relevant contributions.



Figure 1. The Archive committee (Dr. Arthur Barker, Karlien van Niekerk and Johan Swart)



Figure 2. Dr. Barker on a visit to the Ditsong National Museum of Cultural History

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Figure 3. Indexed drawings stored in the Boukunde archive

1 Summary

The Architectural Archive of the Department of Architecture at the University of Pretoria was established around 1966, which makes it almost 50 years old in 2015. Currently, the mission of a small departmental committee is to collect, curate and disseminate information on important South African architectural artefacts to interested parties, both locally and internationally.

A physical archive, consisting of drawings, photographs, films and documents, is housed in the Boukunde Building, while a digital and more accessible repository is housed on UPspace, the Institutional Repository of the University of Pretoria. Current artefacts are providing useful information for master's and doctoral studies, while indexing, collating and digitization are ongoing to make information more widely accessible. It is hoped that this document will provide some insight into the work of the archive committee as well as the contents of the Architectural Archive.

We hope that future contributions will be forthcoming to increase the record of the South African built environment.

2 Archives and archiving

Archival practice has its roots in the third and second millennia BC when, for example, records on clay tablets were used to record alphabets.

An archive provides a continuous record of the achievements of man over time. It serves as a reminder of the past, the value that it posits and the research possibilities inherent in it. Historically it refers to the 'public record', a reminder of the value that an archive holds for all. Archives are generally located at government administrations, local authorities, academic institutions and private bodies. Archives can be physical, digital and oral.

"The International Council on Archives (ICA) is dedicated to the effective management of records and the preservation, care and use of the world's archival heritage through its representation of records and archive professionals across the globe."¹

The National Archives and Records Service of South Africa was formed after the passing of the National Archives and Records Service of South Africa Act in 1996.

The National Archives of South Africa (NASA) provides "for a National Archives; the proper management and care of the records of governmental bodies; and the preservation and use

of a national archival heritage; and to provide for matters connected therewith."²

"The Act establishes a National Archives Commission answerable to the Minister of Arts, Culture, Science and Technology. [It also] provides for a separation of the archival function between the national and the nine provincial governments, while defining the relationship between the National Archives and the provincial archives services. It does so by setting standards for and providing support to provincial services.

"The concept of the architectural archive or museum as a repository of knowledge and reference system must almost be old as the profession itself."³

Many architectural archives are in private hands, such as the Fondation Le Corbusier in Paris and the Museum of Modern Art in New York, which holds more than 20 000 drawings by Mies van der Rohe.

In 2000, an international architectural archives body, the "Section on Architectural Records (SAR) formed under the International Council on Archives (ICA) in Seville, Spain, during the International Congress of Archives. The main objective of SAR is to promote architectural records worldwide."⁴

1. <http://www.ica.org/104/presentation-of-the-ica/discover-ica.html>

2. Preamble to the National Archives of South Africa Act (No. 43 of 1996)

3. Kotze, P. 1998. "In memory of Sophia Gray: Store houses of knowledge." S.A. Architect, October, p. 43-47

4. <http://www.ica.org/2623/about-section-on-architectural-records-sar/about-architectural-archives-sar.html>

Univserity of Pretoria online collections

<http://repository.up.ac.za/>

<http://repository.up.ac.za/handle/2263/72>

<http://repository.up.ac.za/handle/2263/84>

Other web links

<http://www.specialcollections.uct.ac.za/>, http://www.uct.ac.za/research/uct_archives/

<http://www.digitalcollections.lib.uct.ac.za/>

<http://www.archivalplatform.org/>

<http://library.ukzn.ac.za/TopNav/Libraries-collections/Special-Collections/UniversityArchives669.aspx>

<http://www.museumsonline.co.za/view.asp?pg=museums&pgopt=item&ItemID=381>

<http://www.historicalpapers.wits.ac.za/>

http://sun025.sun.ac.za/portal/page/portal/Administrative_Divisions/Argief/Home

<http://www.unisa.ac.za/default.asp?Cmd=ViewContent&ContentID=7087>

<http://repository.uwc.ac.za/xmlui/>

<http://supportservices.ufs.ac.za/content.aspx?DCCode=Z08>

<http://www.library.up.ac.za/special/collections.htm>

<http://libguides.ukzn.ac.za/content.php?pid=454663>

<http://repository.up.ac.za/handle/2263/72>

<http://wiredspace.wits.ac.za/handle/10539/10306>

<http://www.specialcollections.uct.ac.za/sc/subject-guides-manuscripts>

Many universities also hold architectural archives, one of the most famous being the Architectural Archives of the University of Pennsylvania, which “preserves the works of more than 400 designers from the 18th century to the present.”⁵

Another example is the Canadian Architectural Archives, “established in 1974 as a joint venture between the University of Calgary Library and the Faculty of Environmental Design. With a mandate to collect the works of twentieth century Canadian architects, the Archives has emphasized the documentation of the total output of architectural firms in an attempt to provide an accurate historical profile. Collections may consist of drawings, project files, correspondence, slides, photographs, aperture cards, oral history tapes and transcripts, and architectural models.”⁶

In South Africa a number of universities house architectural archives, the most extensive being at the Department of Architecture at the University of Pretoria.

The Barrie Biermann Architecture Library is a branch library on the Howard College campus of the University of KwaZulu-Natal. The Technical Reference Library which falls under the School of Architecture houses several archival artefacts such

as drawings by Hans Hallen, UKZN drawings of campus buildings, and students’ measured drawings. Maps and aerial photographs of Durban and student projects on the History of Urban Settlements of various towns and cities have been collected.

The Architecture Archive at the University of the Witwatersrand currently contains about 137 digital entries with collections such as the John Moffat Building, Plans & drawings, Wits Architecture Student Work 1922-1980, and drawings of House Stern by Martienssen, Fassler and Cooke.

The University of Cape Town Archives houses a separate architecture archive. Some of the more notable collections are the Herbert Baker collection of Victorian architectural drawings from the firm of Sir Herbert Baker, his partners and their successors, covering the period 1890 to the 1930s. The papers of Professor Leonard William Thornton-White (1901-1965), first professor of architecture at the University of Cape Town, is another example.

5. <http://www.design.upenn.edu/architectural-archives/about>
6. <http://www.columbusarchives.org/>



Figure 5. Historical photograph from the Norman Eaton Collection

3 The Boukunde Archive

The Architecture Archive is currently co-ordinated by Dr. Arthur Barker and a committee consisting of co-opted and part-time member Emeritus Professor Roger Fisher, lecturer Mr. Johan Swart and librarian Ms. Karlien van Niekerk. The archival committee sources, collects, indexes and digitises archival collections related to South African architecture.

The archive houses physical artefacts such as drawings, maps, photographs, journals, diaries, documents, slides, films and works of art. There is also an extensive digital archive on the departmental server Archie, a secure Network Attached Storage (NAS) file server with a three-tiered backup system, and the online archives on UPSpace. This digital archive, with a number of sub-collections, is housed on the University of Pretoria's library website and can be found at <http://repository.up.ac.za/handle/2263/72>. At present the collection houses digital repositories of architects' work such as Gawie Fagan and Norman Eaton. Student dissertations and research articles can also be found here together with examples of heritage buildings in Pretoria and digitally accessible journals such as the South African Journal of Art History (SAJAH) and Restorica.

The physical archives are located in a number of rooms in the Boukunde Building on the Hatfield campus of the

University of Pretoria. A slide collection, document collection, books, journals and pamphlets can be found in the Reading Room under the supervision of Ms. Karlien van Niekerk. The drawing collection is housed in the basement, under the control of Mr. Johan Swart, while departmental archives and dead storage collections are housed in three other separate venues in the same building.



Figure 6. Drawings from the Norman Eaton Collection stored in the Boukunde archive room

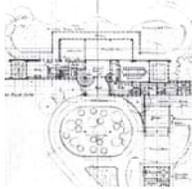
3.1 Collections

The Department of Architecture owns and manages an extensive range of physical and digital collections.

Having started with a only few drawings and slides in the late 1960s, the Department of Architecture archive now houses close to 80 significant physical and digital collections .

Since securing the Norman Eaton Collection in the early 1970s, staff members at the department such as Anton du Toit, Schalk le Roux, Roger Fisher, Karel Bakker, Nicholas Clarke and Arthur Barker have actively pursued or willingly received a range of significant collections. These collections are conserved, curated and continuously utilised under the supervision of the archive committee.

The following list provides an overview of the archive collections. The list does not indicate sub-collections, and material that is hosted online on behalf of other organizations are dealt with in a later chapter.



Norman Eaton Collection

Complete collection of drawings and related documentation, including sketches, diaries and student work.



John Fassler Collection

Multifaceted collection including drawings, film and watercolours by John Fassler, as well as Geoffrey Pearse's Baker research.



Gordon McIntosh Collection

Complete collection of drawings and related documentation, including much of the original 'zero-hour' material.



Cook & Cowen Collection

Drawings and documentation representing the commercial work of the prolific Johannesburg firm, Cook & Cowen.



Boukunde Art Collection

Various works of art, either purchased or received, as well as works by staff and students at the department.



Tony Doherty Collection

Complete collection of drawings and related practice documentation.



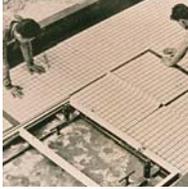
Joanna Walker Collection

Diverse research material including a bibliographical database, DPW research, and the John Cleland papers on Baker.



Herbert Prins Collection

Diverse material including information about architectural competitions and items from Norman Hanson and 'zero hour'.



Boukunde Slide Collections

Over 75 000 slides of South African towns, construction sites, and buildings from all over the world, taken by staff and donors.



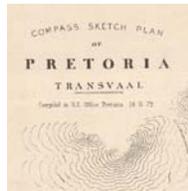
Wynand Smit Collection

Practice-related drawings, photographic slide collection, and extensive collection of artworks done by Wynand Smit himself.



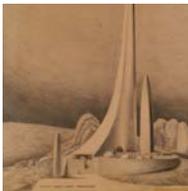
TOPI indexed documents

A variety of architectural research related to Pretoria, including original, reproduced and measured drawings.



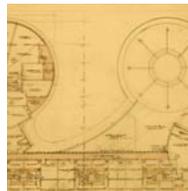
Van der Waal Collection

Extensive collection of themed information about Pretoria, including photographs, brochures, maps and newspaper cuttings.



Jan van Wijk Collection

Selected drawings including original presentation drawings for the competition for the Afrikaanse Taalmonument in Paarl.



Paul Voutsas Collection

Collection of drawings representing the commercial and residential work of the Pretoria-based architect.



Glen Gallagher Collection

Selected practice drawings and documents by GAPP as well as material from the 2006 exhibition.



Robert De Jong Collection

Collection of research and documentation from the Cultmatrix heritage consultancy.



Twenty-Four Rivers Collection

Various documents relating to Herbert Baker's Church of St. John the Baptist in the Waterberg district.



Boukunde Research Projects

Data related to departmental projects including Plekke en Geboue van Pretoria, Project Po, ZA Wilhelmiens and Zanzibar.



Boukunde Student Work

Various student projects done in the department.



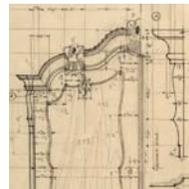
John van de Werke Collection

Complete collection of drawings and practice documentation, including various residential projects in the Pretoria area.



Gawie Fagan Collection

Photographs, interviews and digitised drawings collected as part of Dr. Arthur Barker's PhD research.



Geoffrey Pearse Collection

Digital copies of measured 18th Century Cape Architecture and furniture drawings produced under Pearse's supervision.



DPW ZAR Drawing Collection

Digital copies of a selection of Department of Public Works (DPW) ZAR blueprints (1887-1900) from the National Archives.



William Stucke Collection

Digital copies of selected architectural watercolours done by W.H. Stucke.



Provenance of Pretoria

Digital collection of historic photographs of Pretoria from the period 1880-1920.



Philip Nel Collection

Selected drawings from the offices of Philip Nel en Vennote, including items related to the Aula auditorium.



Johan de Ridder Collection

A series of drawings and photo albums of his iconic church designs.



Alan Lipman Collection

Books, photographic slides and drawings that form part of the architect and writer's broader collection of material.



Gerhard Moerdijk Collection

Digital copies of a limited selection of Moerdijk's drawings for the Voortrekker Monument.



Gustav Schmickl Collection

Complete collection of drawings and related practice documentation.



Anton du Toit collection

Collection of photographs related to Plan, the Journal of the Institute of South African Architects during the 1960s and 1970s.



History teaching collection

Collection of photographic slides used over the years for the teaching of History of the Environment at the department.



Figure 7. The photographic slide collection of the Boukunde archive

3.2 Databases (indexing)

After the Reading Room was established in Boukunde (see below), a system needed to be developed to help researchers to access journal information efficiently, leading in 1973 to the implementation of a punchcard system for the indexing and retrieval of articles. In 1981 this system was developed by Prof. Hans Wegelin and Mike Pinto of Target Computing Systems into a DOS-database, which was converted into Access for a Windows-environment in 1996.

The following is an extract from the 1999 RIBA/CAA/SAIA accreditation report: “The development of an indexing system has put the department in a position where the preservation of drawings and visual material is recognised beyond the department and consequently major collections, like the Fassler slides, have been donated.”

TOBi

Description: Trefwoordstelsel vir die Ontsluiting van Boukundige Inligting (Term Opening Bibliographic Indexing or Keyword System for the Retrieval of Bibliographic Information) – for the indexing of articles in journals. Articles from 93 international and South African journals have been indexed over the years to enable users to access information on architects, buildings, building types, materials and methods, design theory, urban design, and much more. The old

DOS-system is still available and contains ± 4 700 records; the new database currently contains ± 22 000 records. Printouts with bibliographic references to hard-copy journals in the Reading Room or the main library are provided to aid students and other researchers. Indexing of international journals has been suspended, as most of the information is available on the Internet (via the Avery Index to Architectural Periodicals, JSTOR, ISI Web of Knowledge, EbscoHost, etc.), but indexing of local journals is being continued, also retrospectively. In the curriculum TOBi is used by students, lecturers and researchers as an information source for assignments and thesis research, and for the preparation of core notes.

TOPi

Description: Trefwoordstelsel vir die Ontsluiting van Plan-inligting (Term Opening Plan Indexing or Keyword System for the Retrieval of Plan Information) – for the indexing of the departmental archives.

Based on the same information retrieval system as TOBi, TOPi was developed for the indexing of the extended archive of the Department of Architecture. The departmental archive contains donations of original hand-drawn sketches, plans, elevations and sections by important South African architects (see above), and is constantly expanding. It also contains documentation, conference



Figure 8. Indexed documents from the TOPI collection

proceedings, urban frameworks, important student assignments, research reports, diaries, aerial and other photographs, topographical and geological maps, guides to places and buildings, etc. Each item is given a TOPi number to enable efficient retrieval. Students are appointed each year to help organise collections and index these on the TOPi database. The database currently contains ± 9000 records.

TOSi

Description: Trefwoordstelsel vir die Ontsluiting van Skyfie-inligting (Term Opening Slide Indexing or Keyword System for the Retrieval of Slide Information) – for the indexing of the departmental slide collection. The collection contains slides produced by lecturers in the Department (Hans Wegelin, Karel Bakker, Schalk le Roux, etc.), as well as important donations by e.g. Peter Kühn, John Fassler, Barrie Biermann and Joe Kemp. Subjects covered include Construction, History of the Environment (worldwide; Classical through Meso-America, the Far East, and proto-Modern and Modern architecture), landscape architecture, and towns of South Africa. A comment in the 1999 RIBA/CAA/SAIA accreditation report states: “The slide library houses a well-indexed collection of slides which is a treasure trove of images of which the Department is justifiably proud.” The collection is currently under review, as

the use of slides has been replaced by electronic imaging. A bulk slide scanner has been acquired for digitisation and a student appointed for the task, after which the slides may be placed in archival envelopes and removed to long-term dead storage. The aim is to ultimately make the slide images available with metadata on UPSpace.

ArchUP and PlanUP

In 2003 the TOBi and TOPi databases were made available on Greenstone so that students could do their own searches in their own time, but was later replaced by ArchUP (developed from TOBi) and PlanUP (developed from TOPi) on Sabinet (Suid-Afrikaanse Biblioteeknetwerk). Both databases are compatible with the bibliographic indexing and reference system of Sabinet, and are available countrywide. Sabinet personnel harvest the databases for updates about once a year, but copyright is vested in the University of Pretoria.



Figure 9. Architecture thesis documents in the Boukunde reading room

3.3 The Reading room

The Reading Room of the Department of Architecture was established to create an on-site, easily accessible resource centre for students and lecturers, after the Boukunde building had been extended in the early 1970s. Apart from space for individuals and groups to read and hold discussions, scanning and computer facilities are available, with access to the Intranet (UP's research databases UPSpace, ABLESpace, etc., the library catalogue, and UPeTD), as well as reproduction facilities with the capability to scan, PDF and e-mail documents.

Journals

The UP Library currently subscribes to approximately 28 international indexed hard copy journals, 5 of which are reference journals, as well as 15 South African hard-copy journals. Twenty of these circulate about every two months to the Reading Room and are used by students and lecturers on a regular basis. A detailed list of all journals is available for perusal.

Books

A collection of books (donated or acquired), and including ± 140 books on long-term loan from the library, are used regularly by students. This collection has been allowed to expand after the installation of an alarm system. These cover the following subjects:
Earth Studies
Conservation & Heritage
Decorative Arts / Art

Graphics & Drawing Techniques
Information & Indices
Construction (incl. materials, e.g. concrete, glass, wood, steel, copper, thatch, etc.)
Landscape Architecture
History of the Environment
Design & Theory (incl. Housing, Schools, Hospitals)
Practice Management (incl. Labour, Quantity Surveying, Building Law, Standards)
Theses from other universities
Town Planning
Structures
Dictionaries & Encyclopaedias
A list of these books is available for perusal.

Product information

Product specifications and catalogues pertaining to all three disciplines are available, including Klassidex, Specifile and Specifying Dynamics. These catalogues are becoming redundant as information is easily accessed on the Internet. Interior Architecture lecturer Elana van der Wath has helped to create a library of material samples which is still in the process of being expanded.

Theses and dissertations

The entire collection of thesis documents completed at the Department – architecture from 1949, Interior from 1996, and Landscape from 2003 – is housed in the Reading Room. All M(Prof) theses are listed



Figure 10. Students using the journal collections in the Boukunde reading room

according to year of graduation, name, title and subject, but a searchable database is in the process of being created which contains addresses, programme, keywords, research premise, research field, etc. Since 2003, theses have also been available in pdf-format on UPSPACE, while complete documents are in the process of being uploaded onto the departmental server. Lists are available for perusal.

Reference works

These include dictionaries, atlases and Gauteng map books, encyclopaedias, Neufert's Architect's Data & Tutt & Adler's Metric Handbook, Climate of South Africa, etc., and publications by the National Building Research Institute, including a set of files with Building Research Information.

Department of Library Services
UPSpace Institutional Repository

UPSpace Home → Engineering, Built Environment and Information Technology → Architecture → South African Journal of

South African Journal of Art History

Browse by

- By Issue Date
- Authors
- Titles
- Subjects
- Supervisor

Search within this community and its collections:

**sja
ajh**

Digital collection of complete volumes of the peer reviewed journal, South African Journal for Art History, published by the Art Historical Work Group of South Africa.

Collections in this community

- South African Journal of Art History Volume 02 (1987) (14)
- South African Journal of Art History Volume 04 (1989) (18)
- South African Journal of Art History Volume 09 (1991) (18)
- South African Journal of Art History Volume 10 (1992) (13)
- South African Journal of Art History Volume 11 (1993) (12)
- South African Journal of Art History Volume 12 (1996) (16)
- South African Journal of Art History Volume 13 (1998) (16)
- South African Journal of Art History Volume 14 (1999) (18)
- South African Journal of Art History Volume 15 (2000) (12)
- South African Journal of Art History Volume 16 (2001) (12)
- South African Journal of Art History Volume 17 (2002) (13)
- South African Journal of Art History Volume 18 (2003) (18)
- South African Journal of Art History Volume 21 (2006) (21)
- South African Journal of Art History Volume 22 (2007) (47)
- South African Journal of Art History Volume 23 (2008) (42)
- South African Journal of Art History Volume 24 (2009) (38)
- South African Journal of Art History Volume 25 (2010) (32)
- South African Journal of Art History Volume 26 (2011) (32)
- South African Journal of Art History Volume 27 (2012) (27)
- South African Journal of Art History Volume 28 (2013) (18)

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Figure 11. The UPSpace online interface

3.5 UPSpace

It is through the UPSpace platform that the Boukunde Archive achieves the ideal outcome for its endeavours, namely to make material available to the world through an online, open-access platform that can connect scholars to our collections at any time and from anywhere.

UPSpace is the Institutional Repository of the University of Pretoria, and is defined as an open-access electronic archive collecting, preserving and distributing digital research material donated to or created by the institution and its community members (University of Pretoria, 2015).

Since the UPSpace platform was launched, and with Prof. Roger Fisher as driving force, the Department of Architecture has been a key contributor of research material, helping the UPSpace platform attain its reputation as one of the leading open access repositories on the continent.

The following forms part of our growing online collections on the repository:

Hosted journals

- Rosa Swanepoel (Newsletters on Old Pretoria)
- South African Journal of Art History (SAJAH)
- Restorica
- Pretoriana: Journal of the Old Pretoria Society

Self-generated material

- E-Books
- Research Articles
- Campus Buildings (3D models)
- Student Projects
- E-Theses and dissertations

Digitised collections

- Van der Waal Collection
- Twenty-Four Rivers, Waterberg
- Provenance of Pretoria (photographs)
- ZAR DPW (1887-1900) Drawing Collection
- Diverse Architecture Artefacts
- Norman Eaton
- Sir Herbert Baker
- Gerard Moerdijk
- John S. Cleland
- Pearse Collection
- Gabriel Fagan
- Stucke watercolours
- Fassler watercolours
- TOSi slide collection

For access to the architectural collections on UPSpace visit:

<http://repository.up.ac.za/handle/2263/72>

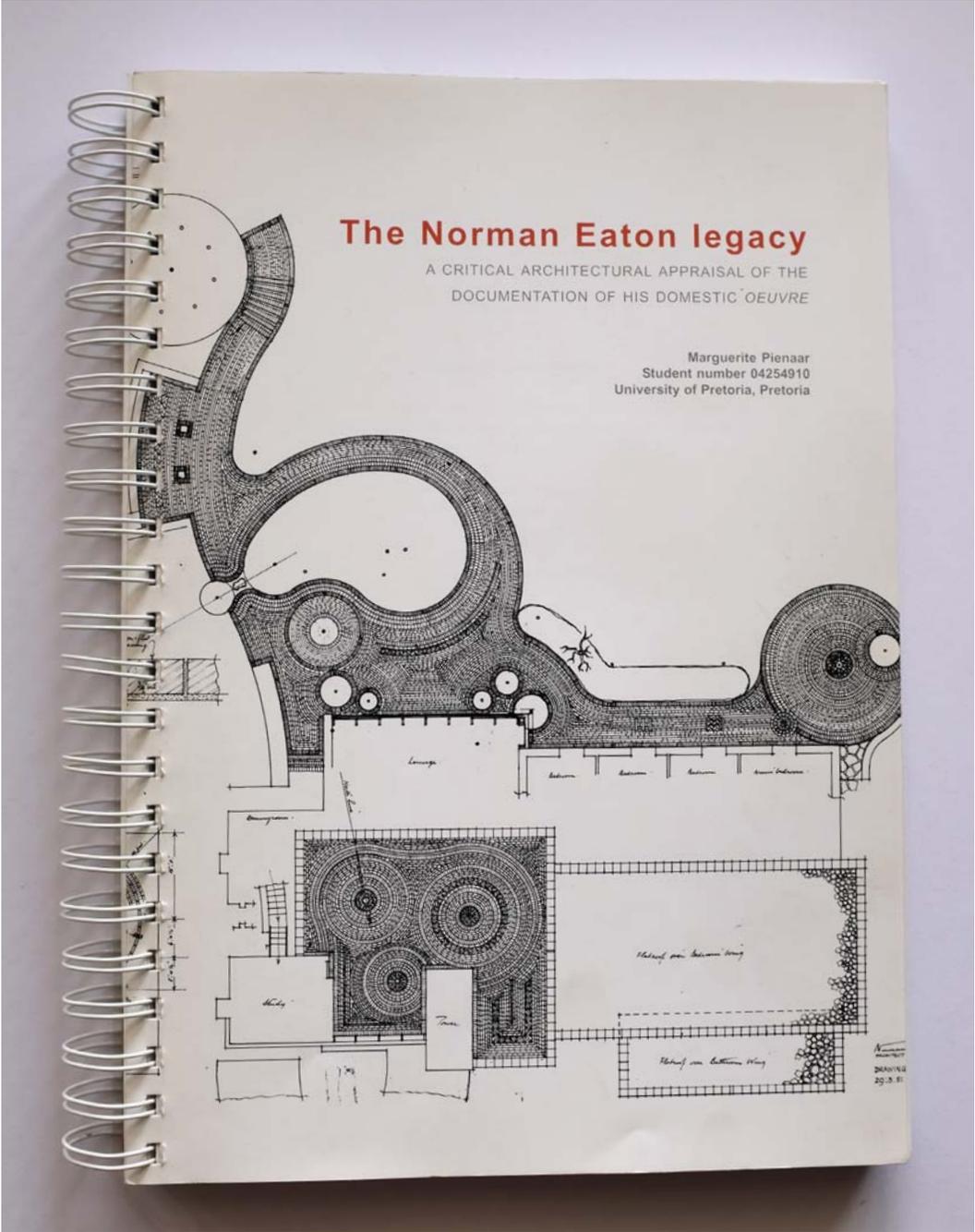


Figure 12. A thesis study done by Marguerite Pienaar

4 Relevance

The archive has proven, in various ways, its significant contribution, firstly to the department's teaching and research activities (serving the institution), and secondly to architectural practice and conservation endeavours outside of the academic environment (serving the community). Contributions are evident in the following areas:

Departmental research

Information (data) from the archive has enabled staff of the department to publish research in the field of Heritage and Cultural Landscapes such as the book *Eclectic ZA Wilhelmiens: A shared Dutch built heritage in South Africa*, and various research articles by authors such as Schalk le Roux and Roger Fisher.

Safeguarding heritage

In a broader context, where heritage artefacts are under constant threat of neglect or destruction, the archive has safeguarded collections and material which would otherwise have been lost and which is of incalculable cultural value for researchers and future generations of architects.

Relevance for practitioners

Architectural practitioners and heritage consultants from all over the country use information from the archive as a

baseline for conservation, adaptive re-use and urban development projects. Information from the archive also often features in formal documents such as heritage impact assessments, conservation reports and urban design frameworks.

Research partnerships

The archive has drawn the attention of researchers and academics at local and international institutions and enabled interaction and research exchange. Making specific items or entire collections available to others has strengthened the department's connections with a variety of external institutions.

Post-graduate research

The archive collections provide numerous opportunities and topics of research for master's and doctoral research. A successful example is Marguerite Pienaar's study on the work of Norman Eaton, "The Norman Eaton legacy: A critical architectural appraisal of the documentation of his domestic oeuvre", which has made information from the Eaton Collection available to a wide audience and has led to a renewed interest in Pretoria regionalism.

Teaching, history & heritage

Material from the archival collections



Figure 13. A recent exhibition of Norman Eaton's working drawings in the Boukunde atrium

is used directly in both lecture- and studio-based teaching of South African history and architectural conservation. The post-graduate programmes often investigate heritage sites related to the archive, while material such as the 'zero hour' drawings regularly feature in lectures on architectural history.

Off-site research and learning

Online collections and hosted journals allow students and researchers to access information from anywhere in the world. The Pearse Collection and Restorica have wide relevance to the South African heritage community while Pretoriana and DPW ZAR are regularly accessed by our research partners in The Netherlands.

Design and technical precedents

Conceptual, design and technical drawings in the archive have proven to be timeless precedents (figure x), applicable to various studio projects in terms of both content and technique. The Eaton, McIntosh and Schmickl collections are particularly relevant in this regard.

Skills transfer

Numerous students working as archive assistants have received training and experience in specialised skills such as digitization, indexing and handling of material. These skills foster a general

sensitivity to heritage, but are also marketable and could bridge to careers in research, archiving and conservation.

Project generators

The archive and Reading Room's need for effective space and facilities have generated a few successful design studio projects such as conceptual proposals for library spaces and exhibition design solutions for archival artefacts.

Fostering connections

Archival activities connect the department in mutually beneficial ways to institutions such as the National Archives, Ditsong National Museum of Cultural History, the Department of Public Works and the City of Tshwane's heritage office. Recent projects and exchange visits have enriched the archive's collections and led to skills exchange.

Context studies

Studio projects in all years of study use the archive as source of information for background studies and context analysis. M(Prof) students rely heavily on the archive in the research phases of the dissertation, while the Pretoria-based projects and frameworks in other years of study use and contribute to the archive's body of knowledge about Pretoria.



Figure 14. Student assistants tutored by an information specialist

5 Record of activities

The archive's collections and partnerships have grown significantly over the last few years, leading to a range of activities such as sorting, indexing, digitization and web uploading. A formal archive committee has been active for most of the last decade, facilities and procedures have been consolidated, and digitization capacity made operational.

Apart from acquisitions and management, the major achievement of the archive in recent years was its pioneering contribution to online and open source access. In partnership with the University of Pretoria's Library Services, the digital repository has come to life and various important collections have been made accessible to the general public.

Recent efforts have also led to the indexing of the Eaton, McIntosh, Voutsas and Prins collections.

Currently the archive is busy opening a host of recently uploaded online collections including the Restorica journal, Provenance photo collection and Fassler watercolours.

The Public Works of South Africa journal is in the process of being digitised and sections of the departmental slide collection are being scanned on an ongoing basis.

The committee has also, in consultation

with paper restorers, taken steps to improve conservation measures in terms of storage materials and environmental conditions.

Herewith a more specific description of recent and current activities of the archive.

Recent activities

-The first UPSpace projects in partnership with the Academic Information Service including digitization and uploading.

-The ZA Wilhelmiens project, including the scanning of drawings in partnership with the National Archives and pioneering of a bulk-upload strategy to create the online collection.

-The ABLEWiki project completed, contributing online entries about Pretoria heritage buildings.

-The first books published on the UP E-press platform: Plekke en Geboue van Pretoria, Adamastor, and Re-centring Tshwane: Urban heritage strategies for a resilient Capital.

-Various Norman Eaton projects driven through the master's degree research of Marguerite Pienaar.

-A dedicated digitization room secured and set up with slide scanner, large format scanner and computer facilities.



Figure 15. Student assistant renovating a scale model of the Raadzaal building

-A new digital server and backup system installed and digital collections structure set up.

-A student exhibition design project for the showcasing of archive material.

-Contact set up with institutions such as the Public Works archive, Ditsong Museums, Lutheran Church, Transnet Archives and National Archives.

-Digitization and uploading (online) of the full set of Restorica journals.

Current activities

-Bulk sorting and repackaging of physical collections using high quality archival storage material.

-Restoration programme to clean and repair the department's architectural scale models.

-Digitization of the full set of Public Works of South Africa journals.

-UPSpace internship programme in partnership with the Open Scholarship office leading to 10 new online collections.

-Ongoing digitization of the department's ± 75 000 slides.

-Continuous uploading of new material to the SAJAH and Rosa Swanepoel collections on UPSpace.

-New physical spaces are being dedicated for the Reading Room's 'dead storage' of seldom-used material.

-Discussions are ongoing for the acquisition of new collections such as Jongens, Turgle and Claude.

-Setting up of an Alan Konya Collection through the endeavours of an MSc research student, Abigail Barnard.

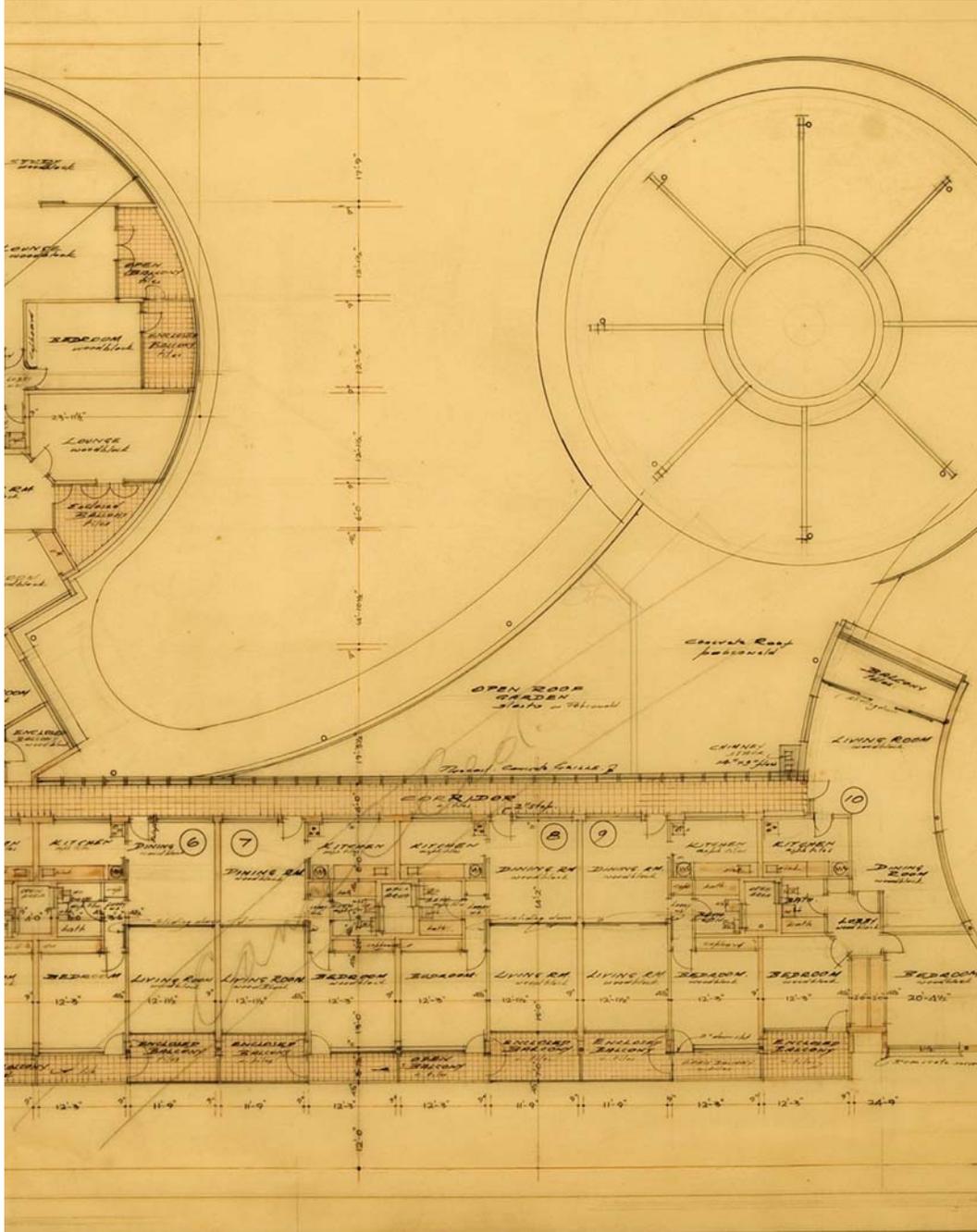


Figure 16. Construction drawing from the Voutsas Collection

6 The way forward

The Architectural Archives of the Department of Architecture at the University of Pretoria is one of the largest of its kind in the country. The committee and its predecessors have worked tirelessly to increase not only the content of the archive but, more importantly, to make the valuable knowledge contained in it accessible to the broader public. This has been achieved through ad hoc and structured research projects, publications and academic endeavours.

The committee's work is currently limited by time and spatial constraints as well as restricted funding. It is hoped that this document will assist in generating income, information and assistance from interested parties.

The work of the archive committee is ongoing. The priorities of the Archive committee are to, firstly, protect the valuable drawing collection with appropriate materials and, secondly, to continue the arduous task of sorting, indexing and digitizing. At the same time a concerted effort is being made to make the collections more visible through uploads onto UPSpace and the departmental digital archive Archie. The committee will also encourage interested parties to use archival data for research purposes, while students will make ongoing contributions to increase available knowledge on our South African built environment.

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