

Kobus Spangenberg

GRADUATED ARCHITECTURE STUDENT
UNIVERSITY OF THE FREE STATE

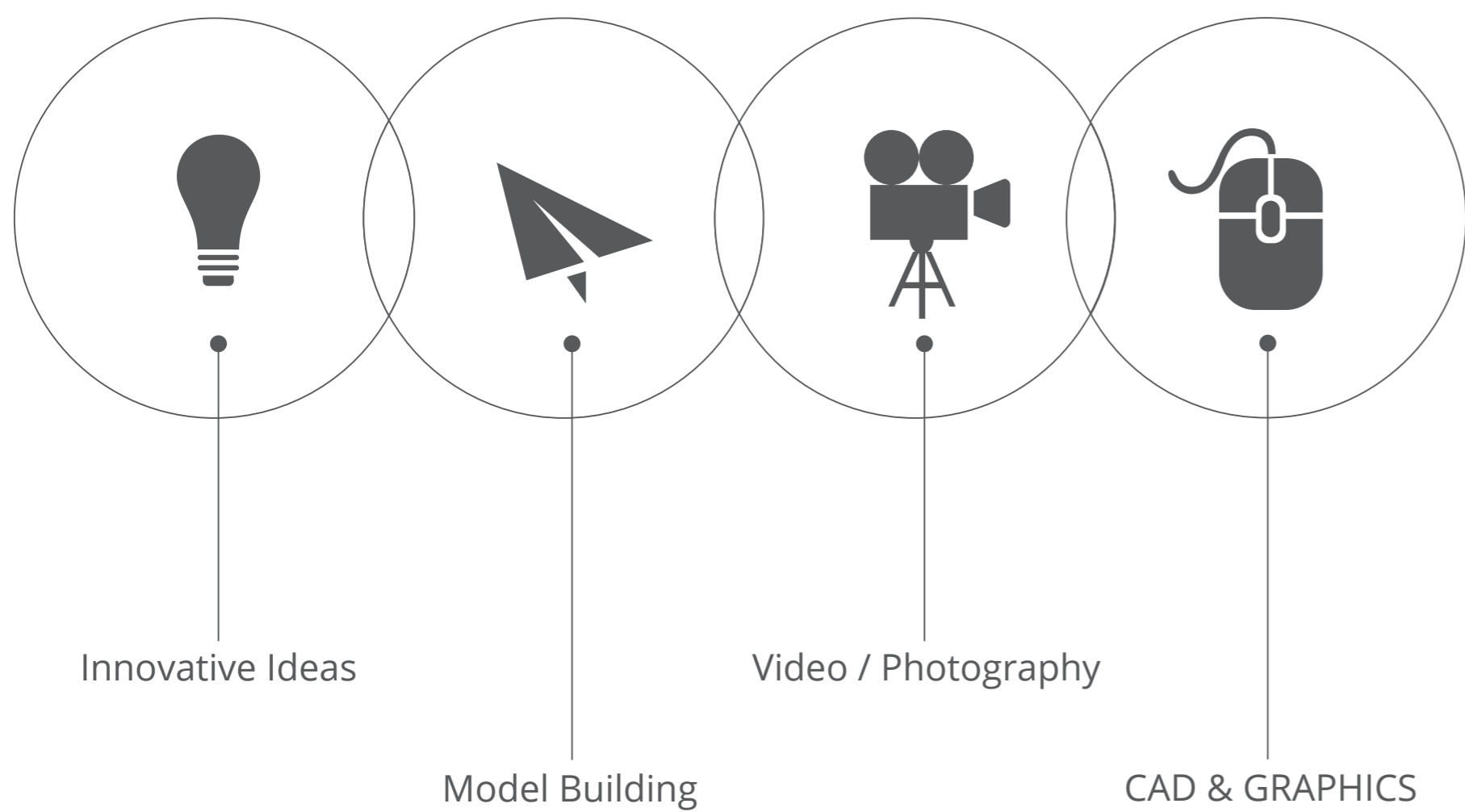
Address | 236 Lower Main Road, Cape
Town, South Africa
7925

Contact | kobus@spangenbergdesign.co.za
+27 82 924 9007
Skype: live:kobusspangenberg

CURRICULUM VITAE:



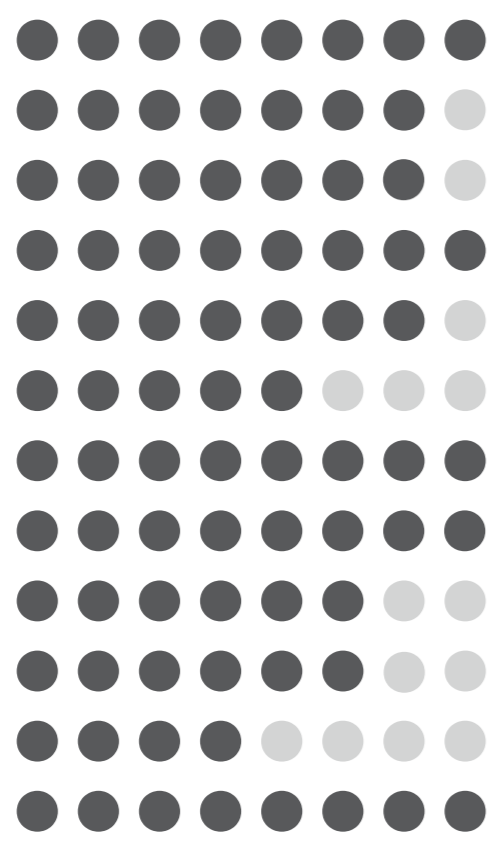
MY SPECIALITIES



DESIGN SKILLS

01 Computer

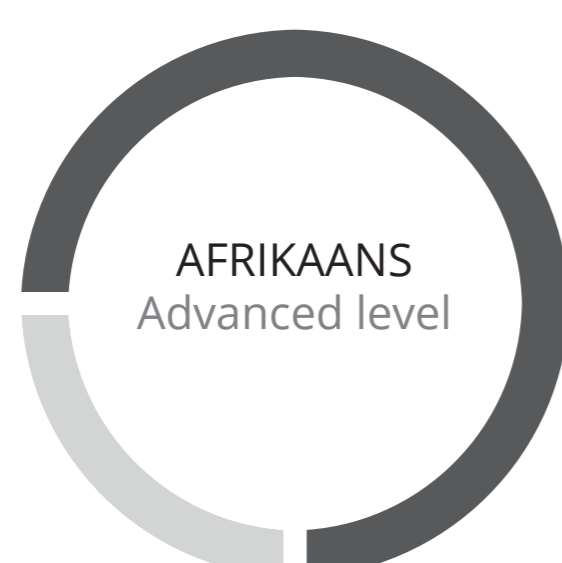
Adobe Photoshop
Adobe Illustrator
Adobe InDesign
Adobe Dreamweaver
Adobe Flash
HTML & CSS
Video Editing - Premier
ArchiCAD
AutoCad
Revit
3ds Max
Lumion



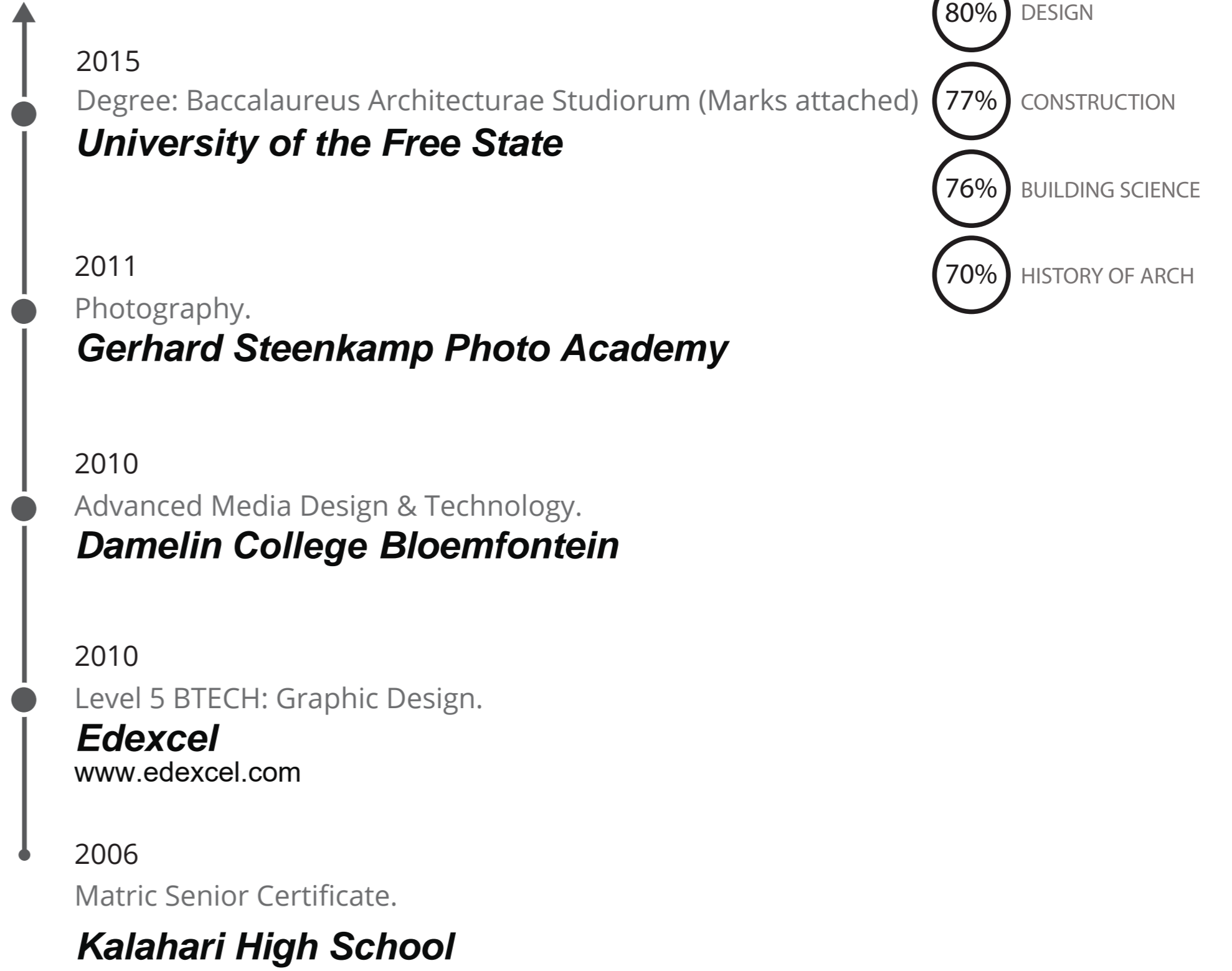
02 Knowledge

Grid & Layout
Good sense for typography
Colour theory knowledge
Image editing
Web usability
Good sense of scale
Properties of materials
Architecture Photography
Render communication
Presentation
Less as building element
Spatial Quality

LANGUAGE SKILLS



EDUCATION



WORK EXPERIENCE

1 YEAR
2012 - Built Kalahari Solar Lodge
Project Manager, Bricklayer, Carpenter, Plumber & Electrician
Architects: T. Kruger & H. Kammeyer: +27 61 199 8820

6 YEARS
From 2010 to present
Web Graphic Designer Photographer
Freelance: SpangenbergDesign

RECOGNITIONS



1st place @ CAD Challenge 2015 (Computer-Aided Design)
BLOEM BUILD EXPO Design Competition 2015



1st of UFS' Des Baker candidates
DES BAKER Design Competition 2015



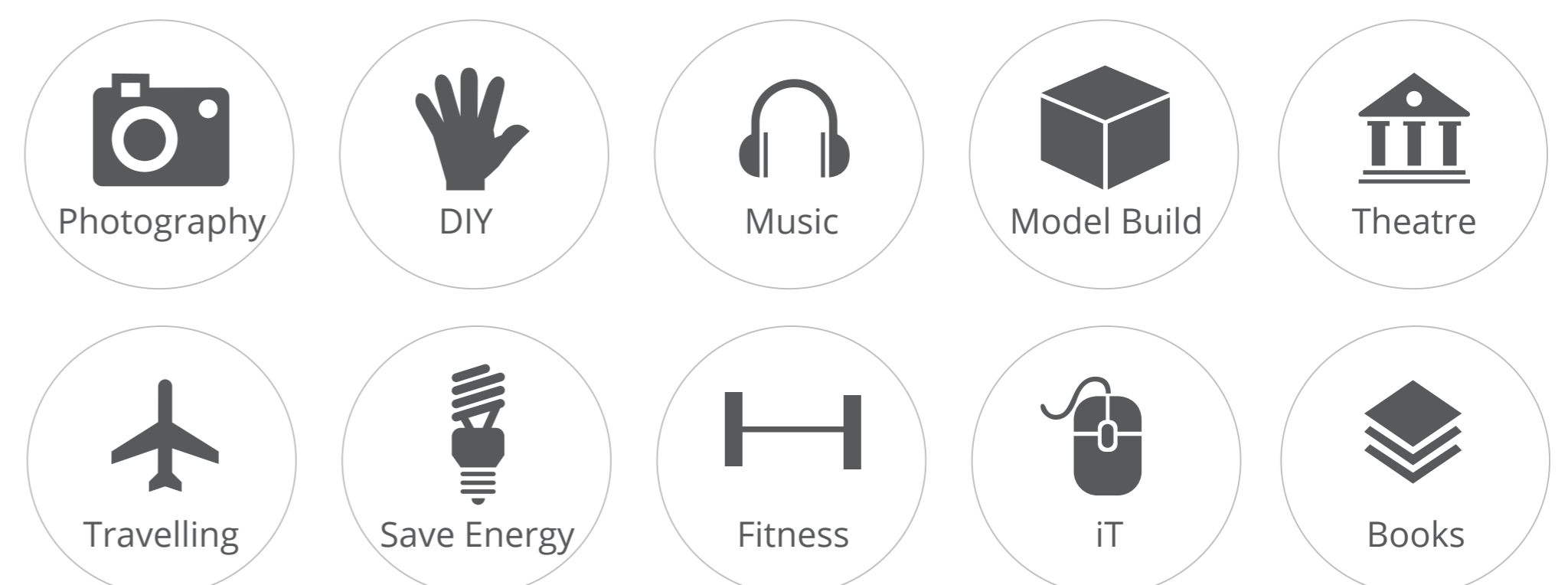
One of UFS' top 5 candidates
PG Bison Design Competition 2015



One of UFS' top 5 candidates
Caesarstone Design Competition 2014

Follow these links to my work published by Graphisoft ArchiCAD in their Newsletter:
<http://www.archicad.co.za/case-studies>
<http://email.deeppcurrent.digital/t/ViewEmail/r/73096C8A4EFD11BF2540EF23F30FEDED/AFB7A5639D4F1900F1E87EB810D8F10A>

HOBBIES & INTERESTS



Kobus Spangenberg

GRADUATED ARCHITECTURE STUDENT
UNIVERSITY OF THE FREE STATE

Address | 236 Lower Main Road,
Cape Town, South Africa
7925

Contact | kobus@spangenbergdesign.co.za
+27 82 924 9007
Skype: live:kobusspangenberg

WORK EXPERIENCE DETAILED INFORMATION

Matters Architectural:

*Heinrich Kammejer (Ph.D.)
& Associated Architects*

Dr. Kammejer: +27 61 199 8820

8@ 45 Station RD, Observatory, Cape Town, SA

SACAP nr. 7700 - NHBRC registered

On a freelancing basis

2015 - Present

Heinrich Kammejer and Associated
Architects, Urban and Landscape Designers
37 Vineyard Rd, Claremont, Cape Town, 8001
cell: 06 11998820
h.kammejer@gmail.com
SACAP No 7700

255 Architects

Architect | Director: T. Kruger

+27 (0) 84 817 8748

theo@twofivefive.co.za

236 Lower Main Road, Observatory, Cape Town, SA

B.Arch.Intern: Fulltime

2015 - Present:



Graphisoft ArchiCAD

Dean Naidoo: +27 84 444 6441

Service Provider

2015 - Present

Kalahari Solar Lodge

Sustainable 4-Bedroom concrete, thatch & stone Lodge

Project Manager, Stonelayer, Carpenter, Plumber & Electrician

Architects: T. Kruger & Dr. Kammejer +27 61 199 8820

2012

Matters Design:

*Spangenberg Design
Trading as SpangenTech*

CEO: Graphic Design & Web development

2010 - Present

UFS: Hostel Abraham Fischer

Factotum

Install and maintain electronic locks and breakages at the

University of the Free State Residence Huis Abraham Fischer.

2010 - 2015

Graphic Design & Photography:

Lions Den: I. Keyser: CEO: +27 84 722 3482 | 2016

SpanLab: Gerhard: CEO: +27 83 449 1443 | 2016

ABE Building Experts: A. Botha: CEO: +27 79 527 6312 | 2015

MB Wealth Consultants: M. Botha: CEO: +27 82 709 5529 | 2014

Inqubela Foundation: N. Koza: CEO: +27 71 466 8957 | 2010 - 2014

Maternity Shoot: Chrizelda: +27 81 087 3558 | 2014

GRIPAD South Africa: M. Botha: +27 82 709 5529 | 2011

Elite Leaders: zandre@elite-leaders.co.za | 2011

REFERENCES

Gerhard Bosman

Lecturer - UNESCO Chair:

Earthen architecture, construction and sustainable development.

PhD (Architecture)

PO Box 339, Bloemfontein 9300, Republic of South Africa

+27 51 401 2332

+27 83 441 3775

+27 51 401 7139

BosmanG@ufs.ac.za

UFS department of Architecture

Mr. Jaco Olivier

Programme Director: Architecture

PO Box: 339, Bloemfontein 9300

Republic of South Africa

+27 51 401 2332

+27 84 591 3483

www.ufs.ac.za

UFS department of Architecture

Mr. Heinrich Kammejer

+27 61 199 8820

Architect - Cape Town

Mr. Theo Kruger

+27 84 817 8748

Architect - Cape Town

Mr. Dirk Bester

+27 53 712 1921

Architect - Kuruman

Mr. Gerhard Steenkamp

+27 82 453 2345

Gerhard Steenkamp Photo Academy

Mr. M.N. Struwig

+27 82 334 2684

Damelin Programme Manager: Media Design & Technology

Mrs. Rhona Davin

+27 82 454 1570

Damelin Lecturer

Mrs. Mariaan van Niekerk

+27 8 2412 5243

High School Kalahari

Mr. & Mrs. Spangenberg - Parents

Gerhard: +27 83 449 1443

Petro: +27 83 557 2365

Mr. Morne Botha

+27 82 709 5529

GRIPAD South Africa

Mr. Louis Smith

+27 72 758 0615

Basic Supplements

Miss. Nangamso Koza

+27 71 466 8917

Inqubela Foundation

Mrs. Zandre Annandale

zandre@elite-leaders.co.za

Elite-Leaders

Mr. B.M. Ngubo

+27 72 105 5131

Ngubo Investment Corporation

Mr. Morne Botha

+27 82 709 5529

MB Wealth Consultants

Hostel Abraham Fischer - HAF

University of the Free State dormitory

Mr. Andrew Sowden

+27 83 456 1092

HAF Administrator

Mr. Mzamo Ramoipone

+27 82 666 2338

2014 HAF Prime

ACHIEVEMENTS DETAILED INFORMATION

2006

- Matriculated at Kalahari High-school
- Sport: Tennis 1st team, Hockey 1st team
- Holds 8th position in Top 10 with an A symbol in Woodwork: Drawing and crafting
- Orientation committee
- Matriculating results - *see attached certificate*

2007

- 1st Year at The University of the Free State in the residence Hostel Abraham Fischer
- Studied Mechanical Engineering at CUT (Central University of Technology in the Free State) realizing one can't specialize in Design specifically at CUT, I changed to Graphic Design after concluding my 1st year.
- Sports: Tennis, Hockey (Indoor + Outdoor), Volleyball, Soccer, Table Tennis
- University of the Free State Choir
- 1st Year Serenade
- Central Rag Committee of UFS (University of the Free State)

2008

- Studied Graphic Design at Damelin Bloemfontein
- Sports: Hockey (Indoor + Outdoor), Tennis, Table Tennis
- Central Rag Committee of UFS
- University of the Free State Choir
- Residence Committee
 - Breakage
 - Spiritual
 - Kovscommunity outreach
 - Open Day
 - Sport committee: Hockey

2009

- Studied Graphic Design at Damelin Bloemfontein
- Completed a course in Reading Development at CUT
- Sports: Hockey (Indoor + Outdoor), Tennis, Table Tennis
- Central Rag Committee of UFS
- Senior Serenade
- Residence Committee:
 - Breakage
 - Spiritual
 - Kovscommunity outreach
 - Open Day
 - Sport committee: Hockey
 - 1st Year's Committee

2010

- Studied Photography at GSPA (Gerhard Steenkamp Photo Academy) Bloemfontein
- Studied Basic Computer Literacy at the University of the Free State - Distinction
- Completed a Christian School of Discipleship course at CRC
- Registered my own Closed Corporation - Spangenberg Design trading as SpangenTech
- Worked as Spangenberg Design: Website and corporate identity - Freelancing
- Residence Committee: Breakage & Spiritual
- Outreach to eMangweni in July & December

2011

- Worked as Spangenberg Design - Freelancing
- Studied German as third language at the University of the Free State - Distinction
- Residence Committee: Breakage & Spiritual
- Outreach to Lesotho in July

2012

- Worked as Spangenberg Design - Freelancing
- Built project "Kalahari Solar Lodge: Sustainable 4-Bedroom Lodge"
 - Project Manager, Stonelayer, Carpenter, Plumber and Electrician
 - Materials: Stone / Rock, Steel, Concrete, Bottles: recycled glass wine/beer bottles, Gumpoles, Trees, Thatch

2013

- Worked as Spangenberg Design - Freelancing
- Studied Architecture at the University of the Free State - record attached
- Worked at the University of the Free State residence Abraham Fischer as Factotum
- Residence Committee - Breakage & Spiritual

2014

- Worked as Spangenberg Design - Freelancing
- Studied Architecture at the University of the Free State - record attached
- One of UFS top 5 candidates for Caesarstone competition
- Worked at the University of the Free State residence Abraham Fischer as Factotum
- Received bursary from UFS for average year mark above 75%

2015

- Registered Service Provider for GraphiSoft ArchiCAD at the University of the Free State
- Worked as Spangenberg Design - Freelancing
- Final year Architecture at the University of the Free State - record attached
- One of UFS top 5 candidates for PG Bison competition
- 1st of UFS candidates for Des Baker competition
- 1st in Bloem Build CAD design challenge
- Worked at the University of the Free State residence Abraham Fischer as Factotum

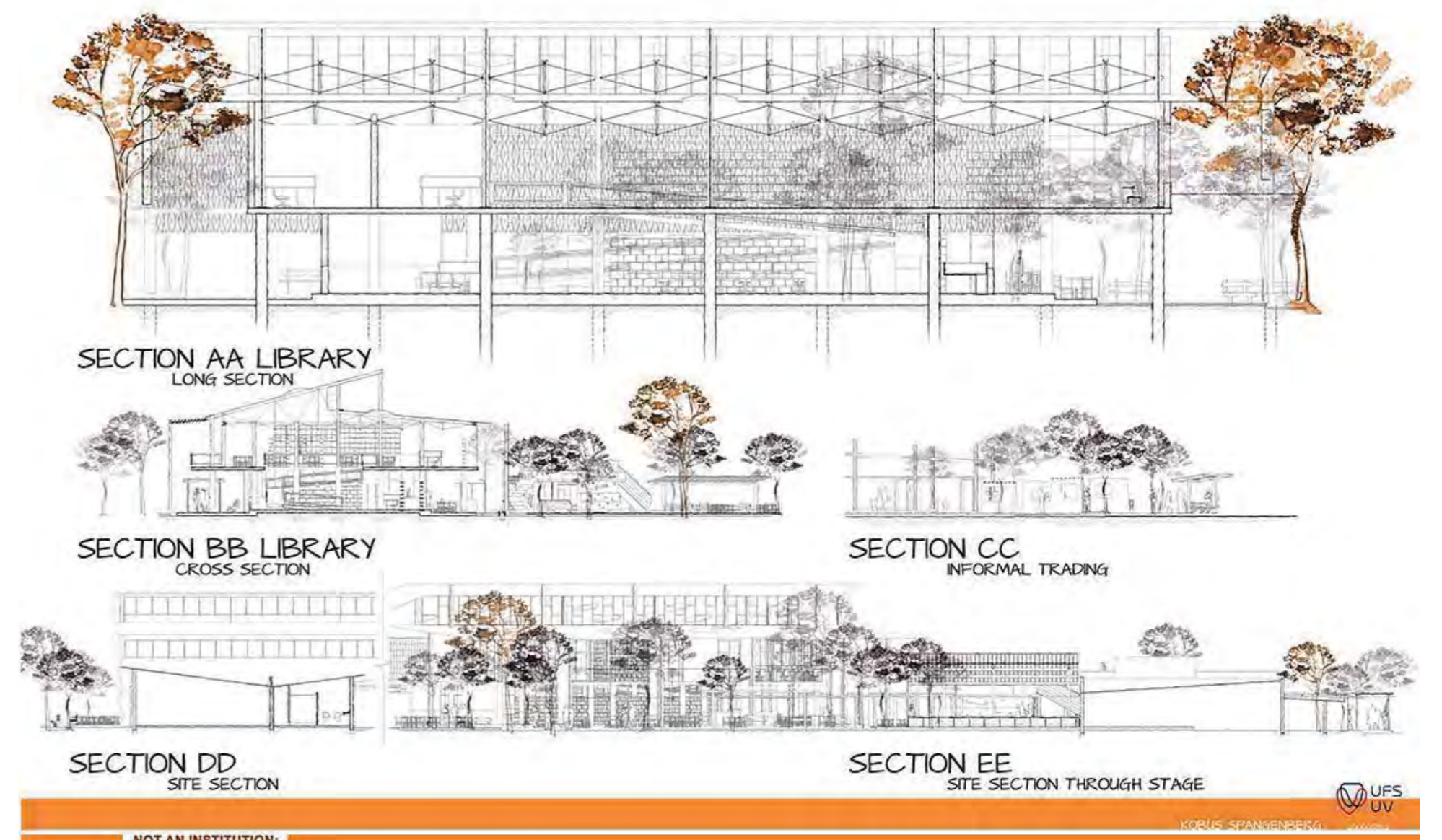
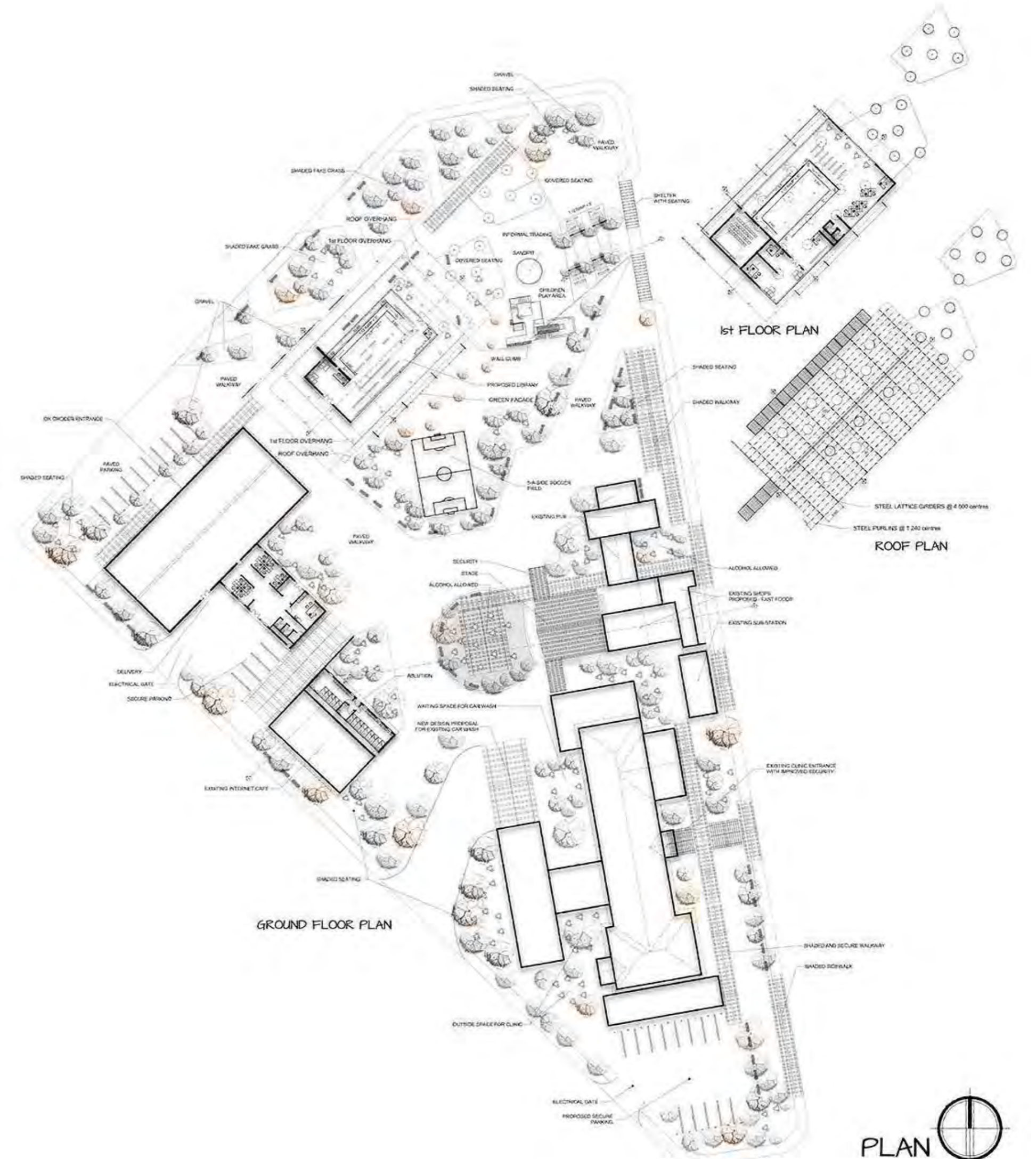
2016

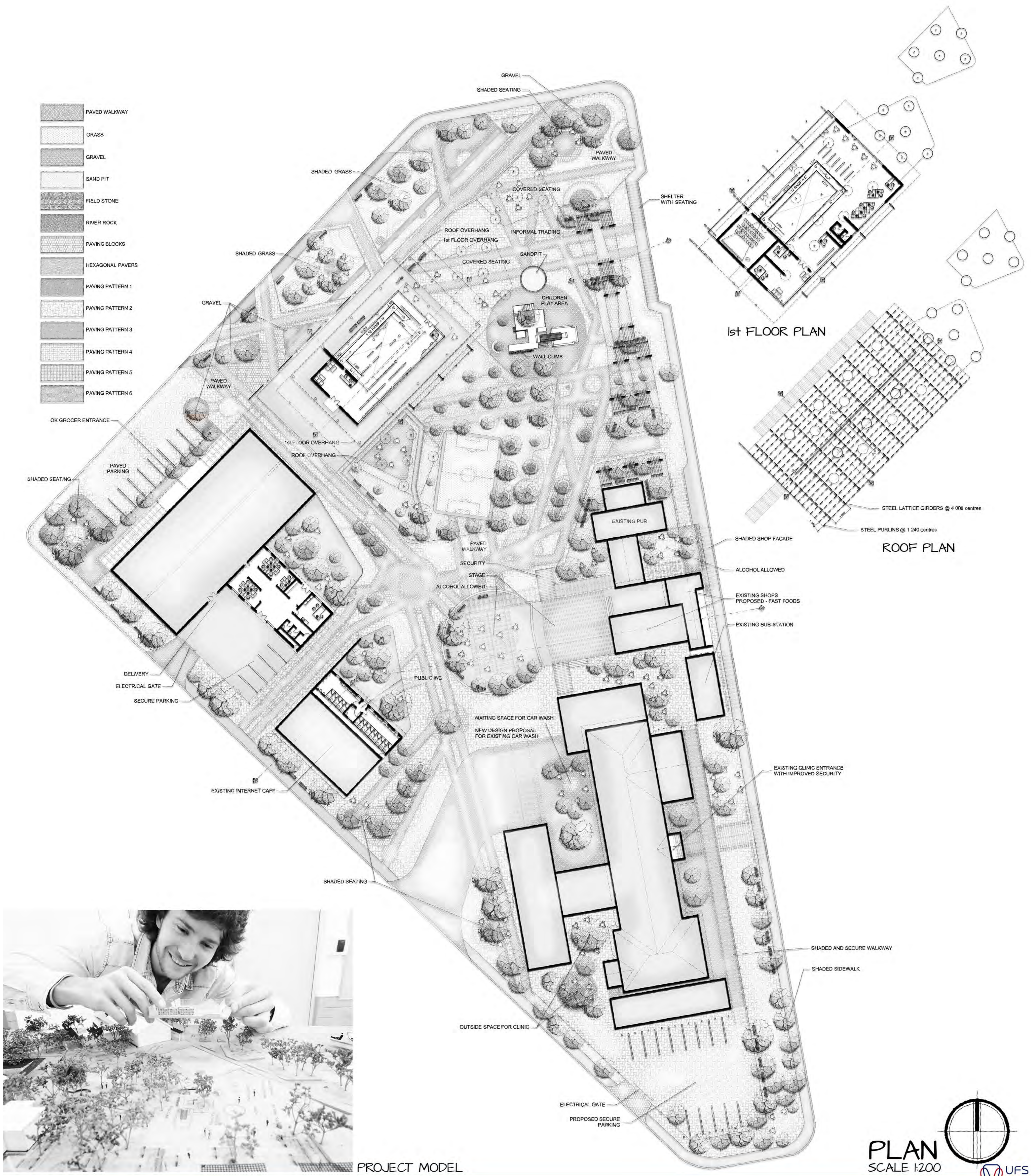
- Registered Service Provider for GraphiSoft ArchiCAD at the University of Cape Town
- Working as Spangenberg Design - Freelancing
- Working at **Heinrich Kammejer (Ph.D.)** and **255 Architects & Associated Architects**

+27 61 199 8820
8@45 Station RD
Observatory
Cape Town, South Africa
SACAP nr. 7700
NHBRC registered
As a freelancer

Theo Kruger
Architect | Director
+27 (0) 84 817 8748
theo@twofivefive.co.za
236 Lower Main Road,
Observatory, Cape Town,
South Africa
As an architectural designer

SUMMARY OF PORTFOLIO WORK





PROJECT MODEL

PLAN
SCALE 1:200



KOBUS SPANGENBERG 3106/01972



ACADEMIC RECORD

STUDENT NUMBER: 2006012922
SPANGENBERG

Date: 07 April 2016

Year	Degree/Module Description	Module	Final Mark	Credits	Result
2010	Occasional Studies: Economic and Management Sciences				
	Basic Computer Literacy	BRS 111	77	4	Pass with Distinction
2011	Occasional Studies: Humanities (Undergraduate)				
	German for Beginners 1	DTS 154	88	16	Pass with Distinction
2013	Baccalaureus Architecturae Studiorum				
	Building Science	BOW 106	68	24	Pass
	Physics for Students in the Building Sciences	FSK 112	71	8	Pass
	Graphic Techniques	GRT 104	64	16	Pass
	Trigonometrical Drawing	GRT 112	61	8	Pass
	History and Theory of the Environment	OGT 106	57	24	Pass
	Design	ONW 100	77	48	Pass with Distinction
	Introductory Calculus and Statics	WTW 142	76	8	Pass with Distinction
2014	Baccalaureus Architecturae Studiorum				
	Building Science	BOW 206	77	24	Pass with Distinction
	Computer Drafting	GRT 204	80	16	Pass with Distinction
	Construction Science	KWE 204	79	16	Pass with Distinction
	History of Architecture	OGT 204	75	16	Pass with Distinction
	Design	ONW 200	70	48	Pass
	Theory of Architecture	TAR 204	71	16	Pass
2015	Baccalaureus Architecturae Studiorum				
	Construction Contracts and Management	CCMR3704	65	16	Pass
	Construction	CONS3706	76	24	Pass with Distinction
	Construction Science	CSCR3704	77	16	Pass with Distinction
	Design	DESN3700	80	48	Pass with Distinction
	History of Architecture	HARC3704	70	16	Pass
	Theory of Architecture	TARC3704	67	16	Pass
	Photography	PHOT1522		8	Recognition

Obtained qualification: BACCALAUREUS ARCHITECTURAE STUDIORUM (Date Awarded: 11 December 2015)



pp. REGISTRAR
Requested by: Mamoqebelo Motloug





UNIVERSITY OF THE FREE STATE
UNIVERSITEIT VAN DIE VRYSTAAT
YUNIVESITHI YA FREISTATA

THIS IS TO CERTIFY THAT THE DEGREE HIERMEE WORD VERKLAAR DAT DIE GRAAD

Baccalaureus Architecturae Studiorum

HAS BEEN CONFERRED UPON
TOEGEKEN IS AAN

SPANGENBERG, Jacobus Andries

IN ACCORDANCE WITH THE STATUTES AND
RULES OF THE UNIVERSITY. AS WITNESS
OUR RESPECTIVE SIGNATURES
AND THE SEAL OF THE
UNIVERSITY BELOW.

NADAT AAN DIE STATUTE EN REËLS VAN
DIE UNIVERSITEIT VOLDOEN IS. AS BEWYS
DAARVAN PLAAS ONS ONS ONDERSKEIE
HANDTEKENINGE EN DIE SEËL VAN DIE
UNIVERSITEIT HIERONDER

VICE CHANCELLOR / VISEKANSELIER



REGISTRAR / REGISTRATEUR



DEAN / DEKAAN

BLOEMFONTEIN
2016-04-13
2006012922

59541



12 January 2016

To whom it may concern

RE: Student Kobus Spangenberg, Student number: 2006012922

I have pleasure in providing a reference for Mr. Spangenberg.

Kobus was a full time student at the Department of Architecture, University of the Free State where he obtained his BArch Degree with exemplary marks. I had the pleasure of being his lecturer for the final year of his BArch Degree.

His interest and enthusiasm in architecture is clearly portrayed in his strong conceptual approaches to design that are expansively developed into plausible architecture for final presentations. Kobus showcases a rare commodity that pushes the boundaries of his designs. Design together with the necessary research results in interesting and exciting projects. His presentations are executed with an exquisite graphic ability that allows him to properly communicate his ideas to lecturers through an impressive body of work.

As regards to character and personality Kobus responds well to constructive criticism and utilises the time available in studio to the fullest extent. He is courteous and relaxed with both his fellow students and his lecturers, and his personality and attitude as much as his ability as a designer will make him an asset to the architectural profession.

His graphic skills in multi-media was showcased in the Des Baker competition as well as the PG Bison competition. The BloemBuild Cad Design challenge presented another example of his ability.

Worth mentioning is that the external moderator Nico Botes awarded Kobus the highest mark in his year group for Design (DESN3700).

I have no hesitation in recommending Kobus for any position for which he applies.

Please feel free to contact me regarding any additional information

Yours sincerely

Zack Wessels
Lecturer: Department of Architecture
University of the Free State
Bloemfontein
South Africa
T: +27 51 401 2332
E: wesselszg@ufs.ac.za





DR GERHARD BOSMAN

Lecturer - UNESCO Chair:

Earthen architecture, construction and sustainable development.

PhD (Architecture)

PO Box 339, Bloemfontein 9300, Republic of South Africa

+27 83 441 3775

UFS department of Architecture

27 November 2015

TO WHOM IT MAY CONCERN

In November 2015 Mr. Kobus Spangenberg (Student no. 2006012922) successfully completed his academic year to obtain his B. Arch. - Degree as a full time student in the Department of Architecture at the University of the Free State, South Africa.

I lectured Kobus in the Construction and Design studio modules of 2014 and 2015 where he showed great interest in the study field and proved himself as an exceptional and dedicated designer and technologist. He showed great interest in design thinking in sustainability. He was creative in his methods and his arguments were based on findings. I experienced him as being very practical and inventive, always ready to take on new challenges. His innovative ideas and gentle demeanor were keenly shared by his peers and lecturers.

He is diligent and very skillful and I have no reservations to recommend him for any post graduate studies or application, as I trust that he would be very successful in it.

I hope his application will receive your kind consideration.

Yours sincerely,

DR GERHARD BOSMAN

E-mail: bosmang@ufs.ac.za



**Heinrich Kammeyer and Associated
Architects, Urban and Landscape Designers**

37 Vineyard Rd, Claremont, Cape Town, 8001

cellC 06 11998820

hkammeyer@gmail.com

SACAP No 7700

17 January 2016

TO WHOM IT MAY CONCERN

Regarding: ***KOBUS SPANGENBURG***

I met Kobus a few years ago whilst assisting him to set out a lodge on a farm at the back of beyond in the Kalahari. Although setting down the outline of a home is a serious matter with a continuous process of checks and re-checks, the inborn sense of humour from Kobus helped to generate a pleasurable but not careless atmosphere.

At this time, 2012, Kobus just graduated from a Graphic Design degree, but enjoyed the hands-on world of Architecture so much that he took over the design of the Kalahari lodge and physically built it himself. Creative, interactive decision making within the building process taught him more about the complicated design and technology process than the purely academic study of these anchor subjects in Architecture.

His academic career therefore took off the following year, 2013, with an eager quest for knowledge. We have regularly been together during his studies and shared moments of intense intellectual discussion especially within our shared passion for matters architectural. End 2015, Kobus started to work for me and continues doing so this year, 2016, until he has to depart to conclude his Masters Degree in similar field.

In my opinion Kobus will become a formidable academic-practitioner with a meaningful future.

Yours sincerely,



Heinrich Kammejer (Ph.D.)

+27 61 199 8820

8@45 Station RD

Observatory

Cape Town

bloembuild

expo

free state institute of architects | ufs department of architecture | ufs university estates

23 & 24 JULY 2015

CALLIE HUMAN CENTRE, UNIVERSITY OF THE FREE STATE

CAD DESIGN CHALLENGE

This is to certify that

KOBUS SPANGENBERG

is awarded 1st place at the
Bloem Build Expo CAD CHALLENGE



Signature

A handwritten signature in black ink, appearing to read 'Zack Wessels', written over a horizontal line.

on this date

August 7th 2015

Zack Wessels

Lecturer: Architecture
PO Box / Posbus 339, Bloemfontein 9300,
Republic of South Africa
+27 51 401 2099
WesselsZG@ufs.ac.za
www.ufs.ac.za

UNIVERSITY OF THE FREE STATE
DEPARTMENT OF ARCHITECTURE



GRAPHISOFT® ARCHICAD

This is to certify that

Kobus Spangenberg

is a GRAPHISOFT Certified Service Provider

Date: 01/01/2015
Venue: 6 Abrey Road, Kloof, Durban
Trainer: Spha Dlamini
Invigilator: Dean Naidoo



André Strauss

Managing Director of TotalCAD Solution Centre

GRAPHISOFT®

TotalCAD SOLUTION CENTRE

archicadsa.org www.totalcad.co.za www.archicad.co.za
info@archicad.co.za +2731 205 1854 Suite 30 Postnet Bag X04 Kloof
3640 South Africa VAT no. 4660185705 Registration no. 2008/015775/07

certificate

G . S . P . A .[®]

Gerhard Steenkamp Photo Academy

Certificate of Completion

Awarded to

J.A. SPANGENBERG

for the completion of Gerhard Steenkamp Photo Academy
Photography Course



G. Steenkamp

8/12/2011

Date



Damelin

This is to certify that

Jacobus Andries Spangenberg

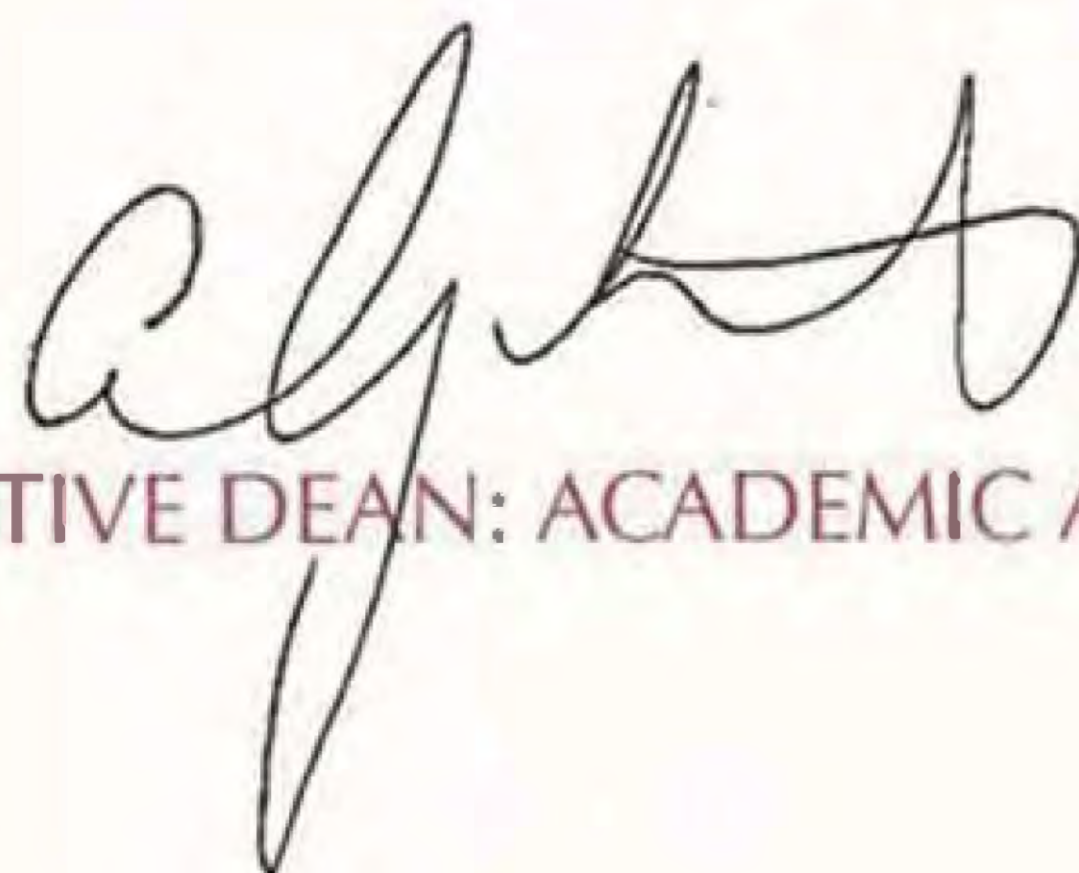
*has complied with all the conditions
for the*

CERTIFICATE

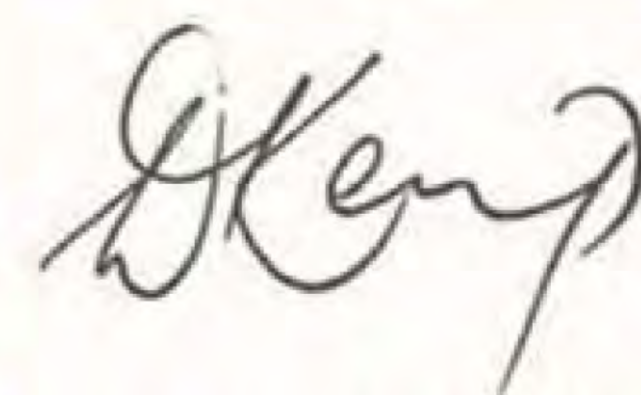
in Advanced Media Design and Technology

on

25 March 2010



EXECUTIVE DEAN: ACADEMIC AFFAIRS



HEAD OF SCHOOL



**Level 5
BTEC
Higher National Diploma**

GRAPHIC DESIGN

is awarded to

JACOBUS SPANGENBERG

who has completed an approved programme at

DAMELIN (PTY) LTD

AWARDED : FEBRUARY 2010

THIS DOCUMENT CONSISTS OF MORE THAN ONE PAGE

90646 :M7835 :ZA96863: 000006507:08:07:88:ISSUED 27-FEB-2010

Isabel Sutcliffe

Isabel Sutcliffe
Accountable Officer
Edexcel



Notification of Performance

ZA96863 JACOBUS SPANGENBERG

LEVEL 5 BTEC HIGHER NATIONAL DIPLOMA
 GRAPHIC DESIGN

UNIT	VALUE	LEVEL	GRADE
DAMELIN (PTY) LTD			
COMPUTER APPLICATIONS IN ART & DESIGN	6.0	H1	PASS
HISTORICAL AND CONTEXTUAL REFERENCING	6.0	H1	PASS
PROFESSIONAL STUDIES	6.0	H2	PASS
IDEAS GENERATION	6.0	H1	PASS
CRITICAL STUDY	6.0	H2	PASS
IDEAS IN CONTEXT	6.0	H2	PASS
DRAWING TECHNIQUES AND APPROACHES	6.0	H1	PASS
DESIGN METHOD	6.0	H1	PASS
DESIGN PRINCIPLES	6.0	H1	PASS
COMMUNICATING WITH IMAGES	6.0	H2	PASS
CORPORATE IDENTITY	6.0	H2	PASS
MULTIMEDIA DESIGN AND AUTHORIZING	6.0	H1	PASS
MULTIMEDIA WEB AUTHORIZING	6.0	H2	PASS
ANIMATION TECHNIQUES	6.0	H1	PASS
WORKING IN THE DIGITAL ENVIRONMENT	6.0	H2	PASS
MANAGING THE DESIGN AND PRODUCTION PROCESS	6.0	H2	PASS

THE LEARNER HAS QUALIFIED FOR THE ABOVE AWARD IN FEBRUARY 2010

90646 : M7835 : 08:07:88 : ISSUED 27-FEB-2010

Isabel Sutcliffe

Isabel Sutcliffe
 Accountable Officer
 Edexcel





To Whom It May Concern:

Code of Conduct Report

This letter serves to report that Jacobus Andries Spangenberg is well known to me. For the past 2 years I came to know Kobus as a diligent and hardworking learner.

He had a positive attitude towards his studies and his fellow learners and facilitator. He is always willing to assist with whatever he is required to, even though it is not classwork.

I would recommend Kobus for any type of job.

Please contact me, should you require any further information.

Regards

M.N. Struwig

Programme Manager: Media Design and Technology / IT End User Technology
Damelin Bloemfontein

Tel: +2751 447-2034
Tel (Dir): +2751 447-2034
Fax: +2751 447-2245
Cell: +2782 334-2684

E-mail: maxs@dambfn.co.za

www.damelin.co.za

74 West Burger Street
P.O. Box 9386
Bloemfontein, 9300
Tel.:(051) 447 2034 / 447
2044
Fax.:(051) 447 2245
E-mail: ansat@dambfn.co.za
dambfn@rnweb.co.za

WEB SITE
<http://www.damelin.co.za>

MEMBERS
A.J. Terblanche

QUALITAS (Pty.) Ltd.
(Reg. No. 98/14160/07)

COMPETENT TRAINING (Pty.)
Ltd.
(Reg. No. 98/14156/07)

DAMELIN BLOEMFONTEIN
CONSISTS OF:

School of Information and
Technology
School of Leisure and Lifestyle
School of Business and
Management
School of Media and Design
Technology

ACCREDITATION:

Provisionally accredited by
Umalusi, Council for Quality
Assurance in General and
Further Education and
Training, www.umalusi.org.za

The provisional accreditation
number is FET 00428 PA

SENTRALE UNIVERSITEIT
VIR TEGNOLOGIE, VRYSTAAT



YUNIVESITHI E BOHARENG
YA THEKENOLOJI, FOREISTATA

Central University of
Technology, Free State

CENTRE FOR COUNSELLING AND SOCIAL SERVICES

This is to certify that

J.A. SPANGENBERG

COMPLETED

A COURSE IN READING DEVELOPMENT

Senior Director:
Centre for Counselling
and Social Services

Presenter

01/12/2009

Date



bible training centre *certificate*

Dicipleship Course

This certificate is awarded to:

Kobus Spangenberg

Who has satisfactorily completed the:

*Christian School of Dicipleship Course at
CRC Bible Training Centre, Bloemfontein*

Senior Pastor's Signature

Dean's Signature

Date: 28 / 11 / 2010

Ephesians 4:12

Equipping the Saints to Minister

UMALUSI



Council for Quality Assurance in General and Further Education and Training

SENIOR CERTIFICATE

Awarded to

JACOBUS ANDRIES SPANGENBERG

Date of Birth

1988-07-08

Subjects passed

Afrikaans : First Language

English : Second Language

Mathematics

Physical Science

Biology

Woodwork

Aggregate (PASSED WITH MERIT)

HG	C	60%-69%
HG	B	70%-79%
HG	B	70%-79%
HG	C	60%-69%
HG	C	60%-69%
SG	A	80%-100%
	M	1440-1679

ENDORSEMENT

This candidate has complied with the minimum statutory matriculation requirements for admission to bachelor's degree study at a university in the Republic of South Africa

With effect from

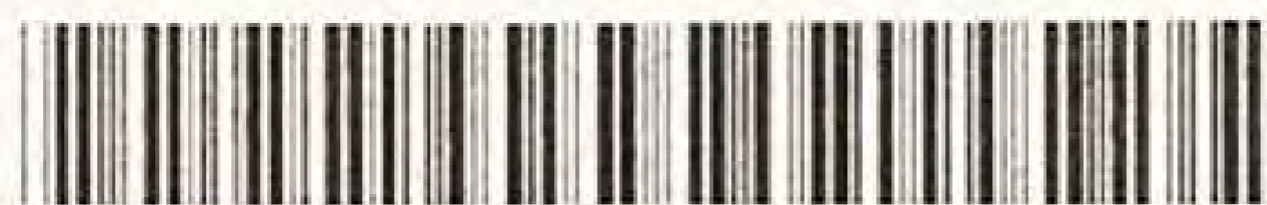
December 2006

Chief Executive Officer

Pelvic Swana

This certificate is issued in accordance with Section 16(4) (a) of Act 58 of 2001 by Umalusi Council for Quality Assurance in General and Further Education and Training.

070 1400 2580 F



This certificate is issued without alteration or erasure of any kind



REPUBLIC OF SOUTH AFRICA