

## CONTACT DETAILS



Cape Town, South Africa,  
7441



060 417 0684



annickaduvenhage.rd@gmail.com



[Professional Portfolio](#)



[Annicka Duvenhage | LinkedIn](#)

## LANGUAGES

- English (Native or Bilingual)
- Afrikaans (Native or Bilingual)

## PROFESSTIONAL SUMMARY

Certified Professional in AutoCAD, Revit Architecture, and Inventor, specializing in BIM support and development. Experienced in task automation and precise data extraction, leveraging Dynamo to streamline workflows. Skilled in parameter management, data access, and design iteration for enhanced efficiency and error reduction. Committed to continuous improvement in Revit family modelling and workflow optimization.

## TOP FOUR APPLICATIONS

- Revit
- Revit Dynamo
- AutoCAD
- Fusion 360

## SKILL SET

- Advanced Revit
- Advance Dynamo
- Advance AutoCAD
- Intermediate Fusion360
- Intermediate Illustrator
- Intermediate Illustrator
- Basic CFD
- Basic Inventor
- Basic Python
- Basic C#
- Proficient in Microsoft applications

## CERTIFICATIONS

- Autodesk Professional Revit
- Autodesk Professional AutoCAD
- Autodesk Professional Inventor
- Computer Aided Draughting NQF4
- Architectural Technology (Diploma)

# Catharina W. Duvenhage (Annicka)



## EXPERIENCE

### SAOTA

BIM Support - September 2022 to Present. Cape Town, Western Cape, South Africa

- Enhance and develop automation tools for accurate data extraction via Dynamo.
- Ensure proficiency in parameter management, data access, and model performance.
- Dedicate efforts to continuous improvement and quality assurance.
- Focus on enhancing studio training, skills, and workflows.
- Responsible for maintaining documentation and testing software for streamlined workflow processes.
- Adhere to BEP procedures to facilitate efficient collaboration on BIM360/ACC.

### The Digital Studio Lab

Floorplan technician - August 2022 to September 2022. Cape Town, Western Cape, South Africa

- Produce precise to-scale drawings for marketing purposes.
- Prepare accurate as-built floorplan layouts for residential and industrial buildings, incorporating Dimension software drawings.
- Maintain records and track drawing progress.

### Rob5 Milling

Safety Administrative & assistant - January 2021 to August 2022. Phalaborwa, Limpopo, South Africa

- Develop and maintain training documents.
- Establish and update green area and procedures.
- Manage administrative records, including training and document matrices.
- Aid in safety inspections, including plant, TMM's, and fire extinguishers.
- Provide weekly reports for follow-up actions.
- Generate safety-related drawings and diagrams.
- Support blasting and safety inspections.
- Ensure compliance with OHSA and MHSA regulations.

### Orbic Architects

Student Intern July 2020 to July 2020. Mbombela, Mpumalanga, South Africa

- Learned how to produce quality, up to standard drawings.
- Attend various team sessions working through the design process.
- Attend a site visit and consultant meeting.

## SHORT COURSES AND WEBINARS

- Revit C# plugins.
- Basic Revit and Dynamo for interior Design
- Advance Revit and Dynamo for interior Design
- Autodesk Platform services Webinar
  - Node.js
  - html
- Autodesk Parametric pumpkins by Zach Kron

## HOBBIES

- Reading
- Gardening
- Crochet

# Catharina W. Duvenhage (Annicka)



## EDUCATION

NQF level-5/6, Academic Institute of Excellence – Online Distance learning  
Jan 2021-Dec 2022

Graduated the Architectural Technology course with NQF level-6. Completing projects assessments from design concept through to construction drawings.

NQF level-4, CTU Training Solutions Nelspruit  
Jan 2019-Dec 2020

Graduated the full time on campus 2-year Computer Aided Draughting and Design course with NQF level-4 with outstanding grades in mechanical and architectural and civil drawings. Excelled in AutoCAD, Revit and Inventor Applications.

National Senior certificate, Frans du Toit High School - Phalaborwa  
Jan 2014-Dec 2018

Passed Afrikaans Home Language; English first additional language; Mathematics; Physical Sciences; Engineering graphics and design, Geography with admissions to Bachelor's degree.



## STRENGTHS

- |                   |                   |
|-------------------|-------------------|
| • Teamwork        | • Problem solving |
| • Communication   | • Quick learner   |
| • Time management | • Adaptability    |
| • Work ethic      | • Self-motivation |



**NEDERDUITSCH HERVORMDE KERK  
VAN AFRIKA  
GEMEENTE PHALABORWA**  
*'n Fontein van Lewende Water*



**Gemeente adres :**  
Posbus 456  
Phalaborwa, 1390  
Tel / Fax: (015) 781 0749  
E-pos: mvr2@telkomsa.net

**Predikant**  
Dr. MJ Jansen van Rensburg  
Sel: 083 633 7335  
Tel: (015) 781-6263

18 Januarie 2018

HEIL DIE LESER

**GETUIGSKRIF: Annicka Duvenhage**  
**GEBOORTEDATUM: 8 Maart 2000**

Annicka is 'n belydende lidmaat van die Nederduitsch Hervormde Kerk Phalaborwa. Sy woon die eredienste in ons gemeente getrou en gereeld by. Haar geloof in God maak van haar 'n persoon wat met liefde en begrip teenoor ander optree, en as sodanig is sy 'n getroue getuie van Jesus Christus.


Annicka kom uit 'n gelowige Christelike gesin wat altyd vriendelik is en hulle hele gesin is baie betrokke en aktief in die gemeente. Op verskeie terreine neem hulle as gesin leiding in ons gemeente. Uit gesprekke met hulle as familie is dit duidelik dat hulle erns met hulle geloof maak en sodoende maak hulle 'n verskil.

Tydens haar katechese was Annicka baie pligsgetrou, doelgerig en 'n voorbeeld vir die ander in die klas. Sy is 'n harde werker wat nie skroom om ekstra te gee nie. Dit het daartoe gelei dat sy toegelaat is om haar geloof in Jesus Christus voor die gemeente te bely en sodoende het sy 'n belydende lidmaat van die kerk geword.

Wat 'n baie mooi kenmerk van Annicka is, is haar vriendelikheid en omgee vir ander. Omdat haar lewe gebou is op die rots van God se liefde en omgee vir ander, en omdat sy weet waar haar krag en redding lê, kan ek met vrymoedigheid getuig dat haar teenwoordigheid 'n aanwinst vir enige instansie sal wees. Annicka het die vermoë van 'n sukses te maak van haar studies omdat sy 'n harde werker is.

My gebede en seënwenne vergesel haar op haar lewenspad.

Die uwe

  
**Dr. M.J.J. van Rensburg**

# Certificate

of completion

## Annicka Duvenhage

ID Number: 0003080291085

Attended the accredited programme

**FET CERTIFICATE: COMPUTER AIDED DRAWING OFFICE PRACTICE (CAD)**

Dated at Nelspruit 30 November 2019



A handwritten signature in black ink, written over a horizontal dashed line.

Facilitator

A handwritten signature in black ink, written over a horizontal dashed line.

Campus Manager

Note that the official programme certificate of competency will be issued by the relevant ETQA/Professional Body after verification are successfully conducted.

**CTU** training solutions  
Private Tertiary Education Provider

## STATEMENT OF ACHIEVEMENT

This is to certify that

**Catharina Wilhelmina Duvenhage**

0003080291085

Has achieved the unit standard(s) stated below that are part of the following Skills Programme:

**Further Education and Training Certificate: Computer Aided Drawing Office Practice Level 04**

**SP-FETC-CAD-4-E-13-88**

Unit Standard Title	Unit Standard Number	Number of Credits	Achievement Date
IDENTIFY, INTERPRET AND PRODUCE WORKING REINFORCED CONCRETE DETAIL DRAWINGS	120198	10	04/12/2020
IDENTIFY, INTERPRET AND PRODUCE WORKING AIR CONDITIONING AND VENTILATION DUCT AND PLANT DRAWINGS	120201	6	04/12/2020
DRAW AND INTERPRET COMPLEX PUMP PIPE AND STRUCTURAL STEEL PLATE, PIPE AND STRUCTURAL STEEL DRAWINGS	243086	6	04/12/2020
READ AND INTERPRET PROCESS AND INSTRUMENTATION DIAGRAMS	244093	4	04/12/2020
PERFORM PIPING OFF-SET CALCULATIONS	253588	5	04/12/2020
Identify, Interpret and produce working piping drawings	253592	6	04/12/2020
DEMONSTRATE KNOWLEDGE OF HYDRAULICS AND FLOW MEASUREMENT IN WATER AND WASTEWATER SYSTEMS	254076	12	04/12/2020
INTERPRET, READ AND PRODUCE STRUCTURAL STEEL DRAWINGS FOR WORKSHOP FABRICATION	262965	12	04/12/2020
INTERPRET, READ AND PRODUCE ELECTRICAL	263006	8	04/12/2020
DEMONSTRATE AN UNDERSTANDING OF MECHANICAL COMPONENTS	263012	10	04/12/2020

Please see the reverse of this document for the remaining Unit Standards

Date of issue 11 October 2021

Reference number C/577SP065877/21

  
Core Business Executive

  
Manager: Quality Assurance



# Certificate

of completion

**Annicka Duvenhage**

*ID Number: 0003080291085*

Attended the accredited programme

**COMPUTER AIDED DRAWING OFFICE PRACTICE (CAD)**

Dated at Nelspruit 20 November 2020



  
Facilitator

  
Campus Manager

**CTU** training solutions  
Private Tertiary Education Provider

Document Security  
Control Number

577

ETQA Registration Number

# Certificate

*of Competency*

## **FURTHER EDUCATION AND TRAINING CERTIFICATE: COMPUTER AIDED DRAWING OFFICE PRACTICE (CAD)**

*This is to certify that*

**Catharina Wilhelmina Duvenhage**

Identity Number

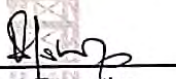
0003080291085

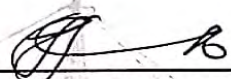
*Has been assessed and proven competent in the under-mentioned unit standards and has been awarded the qualification*

**66071**

*The content of the Qualification is reflected on the reverse*

Date of Issue: 20 November 2020

  
Core Business Executive

  
Manager Quality Assurance

Verification Access

Certificate Number

Q004437/20



The Contents of this certificate must be validated with CETA

CONSTRUCTION EDUCATION AND TRAINING AUTHORITY



# AUTODESK CERTIFICATION



Duvenhage

In recognition of a commitment to professional excellence

**Catharina Wilhelmina Annicka**

has successfully completed the Autodesk Certified requirements of:

Autodesk Certified Professional: Inventor®



A handwritten signature in black ink, appearing to read 'Andrew Anagnost'.

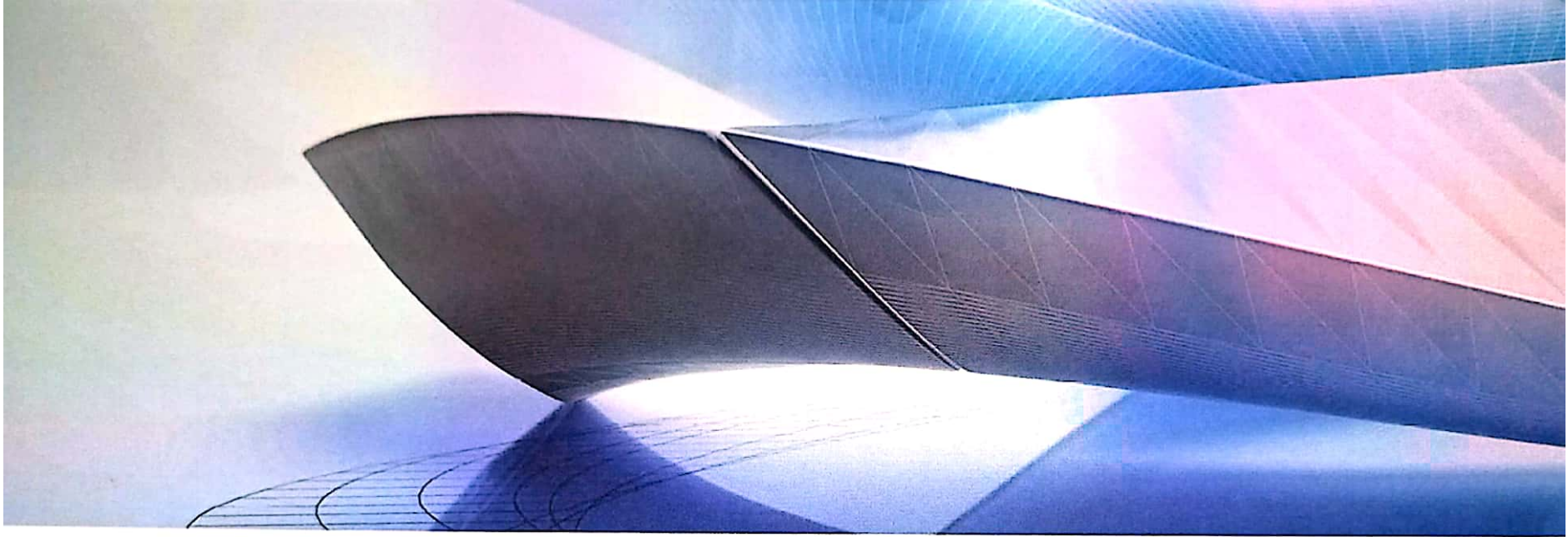
ANDREW ANAGNOST  
PRESIDENT, CHIEF EXECUTIVE OFFICER

DATE

October 23, 2020

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Duvenhage

In recognition of a commitment to professional excellence, this certifies that

Catharina Wilhelmina Annicka

has successfully completed the program requirements of

Autodesk Certified Professional:

Revit® For Architecture

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Date  
October 28, 2020

Andrew Anagnost  
President, Chief Executive Officer

  
verify.certiport.com

JURX-4T8Y

## EXAM SCORE REPORT

CANDIDATE	EXAM
<b>Catharina Wilhelmina Annicka Duvenhage</b> 7 Birkenhead street Phalaborwa 1390  annickaduvnhage.rd@gmail.com	<b>AutoCAD Certified Professional Exam</b>  Exam reference #: 37567365 Date: September 3, 2020 ID: ADuvenhage

RESULTS	100	200	300	400	500	600	700	800	900	1000
Required Score										
Your Score										

SECTION ANALYSIS	
Draw Objects	80%
Draw with Accuracy	75%
Modify Objects	100%
Use Additional Drawing Techniques	100%
Organize Objects	100%
Reuse Existing Content	67%
Annotate Drawings	100%
Layouts and Printing	67%

FINAL SCORE	
Required Score	700
Your Score	828

OUTCOME	
Pass	✓





# AUTODESK®

## Certified Professional

### EXAM SCORE REPORT

#### CANDIDATE

**Catharina Wilhelmina Annicka Duvenhage**

7 Birkenhead street  
Phalaborwa  
1390

annickaduvnhage.rd@gmail.com

#### EXAM

**Certified Professional: Revit for  
Architecture - Metric Exam**

Exam reference #: 37768070

Date: October 28, 2020

ID: ADuvenhage

#### RESULTS

	100	200	300	400	500	600	700	800	900	1000
Required Score										
Your Score										

#### SECTION ANALYSIS

Collaboration	100%
Documentation	100%
Elements and Families	100%
Modeling	100%
Views	100%

#### FINAL SCORE

Required Score	700
Your Score	1000

#### OUTCOME

Pass	✓
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## EXAM SCORE REPORT

CANDIDATE	EXAM
<b>Catharina Wilhelmina Annicka Duvenhage</b> 7 Birkenhead street Phalaborwa 1390  annickaduvnhage.rd@gmail.com	<b>Inventor Certified Professional Exam</b>  Exam reference #: 37747014 Date: October 23, 2020 ID: ADuvenhage

RESULTS	100	200	300	400	500	600	700	800	900	1000
Required Score										
Your Score										

SECTION ANALYSIS	
Advanced Modeling	100%
Assembly Modeling	100%
Drawing	100%
Part Modeling	75%
Presentation Files	0%
Project Files	100%
Sheet Metal	100%
Sketching	100%
Weldments	100%

FINAL SCORE	
Required Score	700
Your Score	910

OUTCOME	
Pass	✓

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## STATEMENT OF RESULTS

Student name:	Duvenhage, Catharina	ID/ Passport No	0003080291085
Programme:	AT5 National Certificate Architectural Technology		
Date:	Friday, 18 February 2022		
Study Intake	Intake 1	Course Duration	1 year

Our records indicate the following formal subject results to date

Subjects (All Students)	Percentage	Result
AT5AD Architectural Design	87%	Competent
AT5CT Construction Technology & Detailing	68%	Competent
AT5AR Architectural Representation	81%	Competent
AT5DR Architectural Draughting	70%	Competent
AT5CA Computer Applications	70%	Competent
AT5HT History & Theory of Architecture	77%	Competent
AT5AC Communication in Architecture	75%	Competent
AT5EN Entrepreneurship	86%	Competent



Bianca Taljaard | Programme Lead  
School of Architecture and the Built Environment