A CASE STUDY ON THE WINDOWS OF THE WITBANK DUTCH REFORMED CHURCH - WHAT THEY CONVEY ABOUT THE CHANGING RELIGIO-POLITICAL CONTEXT OF THIS AFRIKAANS PROTESTANT CHURCH

Ariane Janse van Rensburg Student. No. 303719

A dissertation submitted to the Faculty of Engineering and the Built Environment, University of the Witwatersrand, in fulfilment of the requirements for the degree of Master in Architecture (by Research).

Johannesburg 2009



1920-1923

1961-1963

2004-2006

CONTENTS

DECLARATION			iii	
ABSTRACT				
DEDICATION x				
ACKNOWLEDGEMENTS				
LIST OF F	IGURES	xii	ii	
LIST OF T	ABLES	xv	V	
1.	INTRODUCTION			
	1.1	Background to this study 1		
	1.2	Literature Review 3		
	1.3	The Importance of this Study 7		
	1.4	Limits and Definitions 9		
		1.4.1 Glossary 9		
	1.5	Aim and Thesis Question 1	1	
	1.6	Theoretical Framework 1	1	
		1.6.1Qualitative research theory base12	2	
		1.6.2Declaration of researcher position13	3	
		1.6.3 Symbolic theory base 13	3	
		1.6.4 Hermeneutic theory base 15	5	
	1.7	Research Method 18	8	

PAGE

		1.7.1	Data collection	19
		1.7.2	Data sources	20
		1.7.3	Data arrangement	22
		1.7.4	Data description	22
		1.7.5	Data analysis	22
2.	CONTEXT			23
	2.1	The Wind	low as a Symbol	25
		2.1.1	The window as a symbol of wealth and status	25
		2.1.2	The window as an eye	26
		2.1.3	The window as a light source	28
		2.1.4	The window as a layered montage	28
		2.1.5	The window as a visual message	29
	2.2	Meaning	and Symbolism in the Church	36
		2.2.1	Symbols in relation to scripture	36
		2.2.2	The symbolism of church buildings	24
		2.2.3	Symbolic meaning	39
		2.2.4	The Dutch Reformed Church approach to hermeneutics	39
		2.2.5	The symbolism of buildings	41
		2.2.6	Scriptural approaches to symbolic architectural structures	42
		2.2.7	The symbolism of church buildings	42
		2.2.8	Symbols used in church architecture	43
		2.2.9	The role of stained glass windows in church buildings	50
	2.3	Tectonics	s of Windows and Glass	53

		2.3.1	The tectonic development of windows and glazing since 1900	53	
		2.3.2	Stained glass techniques	55	
	2.4	Afrikane	er Religio-Political History	61	
		2.4.1	The genealogy of the Afrikaans Dutch Reformed Church and the Calvinist approach	61	
		2.4.2	Afrikaans church history in its socio-political and economic context	62	
3.	WITBANK	k dutch f	REFORMED CHURCH BUILDING HISTORY	71	
	3.1	1920-19	923 Early History	74	
	3.2	!961-1963 Alterations			
	3.3	2004 Or	nwards: Restoration	78	
4.	THE WINDOW DESIGNERS			83	
	4.1	Original	Design 1920-1923: W.B. Anderson	83	
		4.1.1	W.B. Anderson, background	83	
		4.1.2	Approach to techniques	83	
		4.1.3	Approach to symbolism	83	
		4.1.4	Approach to language and style	84	
		4.1.5	Approach to the Witbank design project	84	
	4.2	Alteratio	ns and Additions 1961-1963: D.P. Kesting	84	
		4.2.1	D.P. Kesting, background	84	
		4.2.2	Approach to techniques	87	
		4.2.3	Approach to symbolism	87	
		4.2.4	Approach to language and style	90	
		4.2.5	Approach to the Witbank design project	90	

	4.3	Restorati	ion 2004-2006: A. Janse van Rensburg	91
		4.3.1	A. Janse van Rensburg, background	91
		4.3.2	Approach to techniques	91
		4.3.3	Approach to symbolism	92
		4.3.4	Approach to language and style	93
		4.3.5	Approach to the Witbank design project	93
5	DESCRIP	tion of t	THE CHURCH BUILDING AND ITS WINDOWS	97
	5.1	Original (Construction 1920-1923: W.B. Anderson	97
		5.1.1	Church building	97
		5.1.2	Church windows	97
	5.2	Alteration	ns and Additions 1961-1963: D.P. Kesting	101
		5.2.1	Church building	101
		5.2.2	Church windows	101
	5.3	Restorati	ion 2004-2006: A. Janse van Rensburg	123
		5.3.1	Church building	123
		5.3.2	Church windows	123
6	ANALYSIS	s and dei	DUCTION OF MEANING AT THESE KEY DATES	130
	6.1	Original (Construction 1920-1923	130
	6.2	Alteration	ns and Additions 1961-1963	133
	6.3	Restorati	ion 2004-2006	151
7	DISCUSSI	ON		165

8	CONCLUSIONS	168
REFEREN	NCES	171
APPEND	DIX A: INTERVIEW QUESTIONS	176
APPEND	DIX B: SCRIPTURAL REFERENCES KING JAMES AUTHORIZED VERSION	177
APPEND	DIX C: INVENTORY OF SYMBOLS FROM CHAPTER 12 OF KESTING'S THESIS ON AFRIKAANS CHURCH BUILDING	189

DECLARATION

I declare that this dissertation is my own unaided work. It is being submitted to the Degree of Master of Architecture by Research to the University of the Witwatersrand, Johannesburg. It has not been submitted before for any degree or examination to any other University.

Ariane Janse van Rensburg

16th day of October 2009

ABSTRACT

The Witbank Dutch Reformed Church commissioned the author to remake some church windows, requesting changes in symbolism. This descriptive, explorative, qualitative case study retrospectively examines the formal, tectonic and symbolic meaning of the church windows when built (1920-1923, architect W.B. Anderson), altered (1961-1963, architect D.P. Kesting), and restored (2004-2006, glass artist: A. Janse van Rensburg), as an expression of this Afrikaans Protestant church community's identity in the changing religio-political context. The method was to establish a context through a literature study, to collect data and then to describe the church history, the window designers and their approaches, and the windows in their architectural context, at each historic point. The meaning of the windows was explored. As the church's identity changed in the religio-political context, the windows were changed to match new perceptions of meaning. By 2004, church laity had become significantly engaged in the meaning expressed in their windows, driving the change.

[stained glass windows, symbolic meaning, Afrikaans Protestant church, church architecture, religio-political context]

DEDICATION

From a personal belief construct: "Lord, You have given us the capacity to be creative and analytical and to enjoy it; Bernard, you share this with me, and helped me discover who I am. Thank you."



ACKNOWLEDGEMENTS

I acknowledge with thanks the guidance and support of my supervisors and mentors, Prof. Randall Bird and Prof. Paul Kotze, Bernard for his encouragement and mentoring and the research funding granted by the School of Architecture and Planning of the University of the Witwatersrand.

LIST OF FIGURES

FIGURE	TITLE	PAGE
1.1	The iconic church symbol	3
2.1	Windows as eyes	25
2.2	The oculi active on 16 December. Moerdijk: the Voortrekker Monument, Pretoria, 1936-1949 and M.R.A: Freedom Park, Pretoria, 2004-2008	26
2.3	Visible layers in a window	30-35
2.4	Early Christian symbolism	44
2.5	Lutheran and Anglican Protestant window traditions	45
2.6	Windows by Leo Theron in the Stellenbosch Dutch Reformed Church, 1970 $-$ 1998, in chronological order	49
2.7	Roles of stained glass windows	51
2.8	Non-symbolic stained glass in Afrikaans Protestant churches	52
2.9	Translucency to transparency	53
2.10	Rolled coloured glass in South Africa	54
2.11	Twentieth century glass developments	55
2.12	The process of painting a window	57
2.13	Multiple firings of glass paints	58
2.14	Vitreous paints	58
2.15	Silver stains	58
2.16	Enamels	60
2.17	Jointing techniques	60
2.18	Modern art glass	60
2.19	Freemasonry symbolism in buildings	64
2.20	The "All-Seeing Eye"	64

FIGURE	TITLE	PAGE
2.21	Nineteenth Century Cape church windows	64
2.22	Moerdijk churches 1918-1958	67
2.23	Moerdijk: The Voortrekker Monument, Pretoria, 1936-1949	68
2.24	Modern Afrikaans churches	69
3.1	Highveld context	72
3.2	eMamahleni map	73
3.3	Maps of Afrikaner History showing events around Witbank	74
3.4	Depression-years: Driefontein school, Witbank area, 1922	75
3.5	The Rev. Paul Nel laying the foundation stone for the Witbank Dutch Reformed Church, 1920	76
3.6	The restoration problems in the Witbank Dutch Reformed Church windows	78
3.7	Construction and installation of replacement window	82
4.1	Daan Kesting –civic buildings	85
4.2	Daan Kesting – churches	86
4.3	Dalle de verre windows by Leo Theron in Daan Kesting's Burgerspark Dutch Reformed Church, Pretoria, 1969	88
4.4	Scriptural basis for designs of Eucharist windows, St. Margaret's Anglican Church, Witbank, 1997 – 1999, by Ariane Janse van Rensburg	94
4.5	Windows made for St. Margaret's Anglican Church, Witbank (Trevor Evans, 1996) by Ariane Janse van Rensburg, 1997 – 1999	95
5.1	W.B. Anderson, Witbank Dutch Reformed Church elevation drawing, 1920	98
5.2	W.B. Anderson, Witbank Dutch Reformed Church, 1920 - 1923	99
5.3	W.B. Anderson, Windows, Witbank Dutch Reformed Church, 1920 - 1923	100
5.4	Kesting & Brand Architects, Drawings for alterations and additions to Witbank Dutch Reformed Church, 1961-1963	103
5.5	Kesting & Brand Architects, Drawings for painted windows for Witbank Dutch Reformed Church, 1961-1963	104
5.6	Kesting & Brand Architects, Exterior of Witbank Dutch Reformed Church, altered 1961-1963	105
5.7	Kesting & Brand Architects, Interior of Witbank Dutch Reformed Church, altered 1961-1963	106
5.8	Windows by D.P.Kesting in clockwise sequence, depicting the church calendar: Southern windows	107
5.9	Windows by D.P.Kesting in clockwise sequence, depicting the church calendar: Northern windows	108
5.10	Windows by D.P.Kesting in clockwise sequence, depicting the church calendar: Vestibule & porch windows outside the main sequence	109
5.11	Kesting & Brand Architects, Plan positions of windows in calendar sequence in the Witbank Dutch Reformed, 1961 $-$ 1963	112

FIGURE	TITLE	PAGE
5.12	Daan Kesting window designs: Main calendar sequence, windows 1 & 4	114
5.13	Daan Kesting window designs: Main calendar sequence, windows 5 & 6	115
5.14	Daan Kesting window designs: Main calendar sequence, windows 7 & 11	116
5.15	Daan Kesting window designs: Main calendar sequence, windows 12 & 13	117
5.16	Daan Kesting window designs: Main calendar sequence, windows 14 & 17	118
5.17	Daan Kesting window designs: Outside main calendar sequence, windows 3,15, 2 & 16	119
5.18	Daan Kesting window designs: Vestibule window 8	120
5.19	Daan Kesting window designs: Vestibule window 9	121
5.20	Daan Kesting window designs: Vestibule window 10	122
5.21	Ariane Janse van Rensburg, Adapted window designs, Witbank Dutch Reformed Church, 2004 $-$ 2008	123
5.22	Interior of Witbank Dutch Reformed Church after restoration in 2006	125
5.23	The seven-branched candlestick in the 'Eternity' window, Witbank Dutch Reformed Church, 2004 – 2006, Ariane Janse van Rensburg	126
5.24	Techniques used in the remade Eternity window for the Witbank Dutch Reformed Church, 2004 – 2006, Ariane Janse van Rensburg	127
6.1	The relationship between Afrikaner church and state in 1961	132
6.2	Afrikaner stone monuments that refer to one another	134
6.3	The narrative of the cross and the orb -1	146
6.4	The narrative of the cross and the orb -2	147
6.5	Comparing techniques and symbolism	150
6.6	The seven-branched candlestick in the 'Eternity' window, Witbank Dutch Reformed Church, 2004 – 2006, Ariane Janse van Rensburg	155
6.7	Scriptural symbolism focused in the 'Eternity' window: God's presence	157
6.8	Scriptural symbolism focused in the 'Eternity' window: the Cross-Tree	158
6.9	Scriptural symbolism focused in the 'Eternity' window: Alpha and Omega	159
6.10	The seven-branched candlestick in Afrikaans Protestant culture	161
6.11	The seven-branched candlestick in Jewish culture	163

LIST OF TABLES

TABLE	TITLE	PAGE
1.1	Dictionary definition: symbol	13
1.2	Data sources for this dissertation	21
2.1	Dictionary definition: window	23
2.2	Contextual model for the meaning of the Witbank Dutch Reformed Church windows	24
5.1	The symbols named and used / designed by Kesting in the Witbank Dutch Reformed Church windows	110-111
5.2	Sequence of Kesting's calendar windows with themes	113
6.1	Analysis of meaning of symbols used by Kesting	137-143
6.2	Analysis of meaning of windows designed by Kesting	144-145