



Universiteit
Leiden
The Netherlands

A study of architect Cosman Citroen (1881-1935) and his works in Surabaya

Santoso, J.T.

Citation

Santoso, J. T. (2010, June 29). *A study of architect Cosman Citroen (1881-1935) and his works in Surabaya*. Retrieved from <https://hdl.handle.net/1887/15736>

Version: Not Applicable (or Unknown)

License: [Licence agreement concerning inclusion of doctoral thesis in the Institutional Repository of the University of Leiden](#)

Downloaded from: <https://hdl.handle.net/1887/15736>

Note: To cite this publication please use the final published version (if applicable).

**A STUDY OF
ARCHITECT COSMAN CITROEN (1881-1935)
AND HIS WORKS IN SURABAYA**

Proefschrift
ter verkrijging van
de graad van Doctor aan de Universiteit Leiden
op gezag van de Rector Magnificus, prof. dr. P.F. van der Heijden
volgens besluit van het College voor Promoties
te verdedigen op dinsdag 29 juni 2010
klokke 15.00 uur

door
Joko Triwinarto Santoso
geboren te Jember - Indonesië
in 1964

Promotiecommissie:

Voorzitter: prof. dr. H.W. van den Doel

Promotor: prof. dr. C.A. van Eck

Co-promotor: dr. J.G. Roding

Overige leden: prof. dr. C.J.M. Zijlmans (Universiteit Leiden)

dr. ir. M.J.F. Delbeke (Universiteit Leiden/Universiteit Gent)

prof. dr. J.E. Bosma (Vrije Universiteit, Amsterdam)

CONTENTS

Acknowledgments	ix
Abbreviations	xi
I. Introduction	1
1.1. Subject	1
1.2. Previous Publications and Studies	6
1.3. Research Questions	16
1.4. Sources	17
1.4.1. Architect Cosman Citroen	17
1.4.2. Citroen's Works	17
1.5. Structure	19
II. Architect Cosman Citroen	20
2.1. Personal Background	20
2.1.1. Family Background	20
2.1.2. Education Background	24
2.1.2.1. Origin of the Quellinus School 1876-1879	24
2.1.2.2. Education until 1890	25
2.1.2.3. Education in 1890-1916	29
2.1.2.4. Citroen in the Quellinus School	38
2.2. Career	40
2.2.1. Career in the Netherlands	40
2.2.1.1. Architectura et Amicitia	40
2.2.1.2. Citroen in the Architectura et Amicitia	43
2.2.1.3. Citroen's Career	45
2.2.2. Career in the Netherlands Indies	47
2.2.2.1. Dutch Architects in the Netherlands Indies 1900-1942	47
2.2.2.2. Surabaya at the Beginning of the 20 th Century until the End of Citroen Career	52
2.2.2.3. Citroen's Career	57
2.3. Contract	62
III. Citroen's Works in Surabaya	72
3.1. Development Plan for the Kupang Area	72
3.1.1. Idea	72
3.1.2. Plan and Implementation	73
3.2. Development Plan for the Ketabang Area	79
3.2.1. Idea	79
3.2.2. Plan and Implementation	79
3.3. Surabaya Town Hall	84
3.3.1. Idea	84
3.3.2. Assignment of the Task	85
3.3.3. Location	88

3.3.4. Design	89
3.3.5. Cost of the Building	92
3.3.6. Architect's Salary	96
3.3.7. 1925: the Critical Year	96
3.3.7.1. Design, Cost and the Architect	97
3.3.7.2. Town Hall vs <i>Kampung</i> Improvement	98
3.3.7.3. Developer and Cost	103
3.4. House on Sumatra Street	116
3.4.1. Location	116
3.4.2. Design and Construction	116
3.5. Kebondalem Bridge	119
3.5.1. Idea	119
3.5.2. Design	119
3.5.3. Construction	120
3.5.4. Post-construction	120
3.5.4.1. Tram Track over the Bridge	120
3.5.4.2. Preventing Flooding in the Ketabang Area	121
3.6. <i>Bataafsche Petroleum Maatschappij</i> (BPM) Office	124
3.6.1. Location	124
3.6.2. Old Building as <i>Concordia Sociëteit</i> Building	125
3.6.3. New Building as BPM Office	125
3.7. "K.K. Knies" Music and Piano Shop	135
3.8. Shop of "Van Kempen, Begeer and Vos" Royal Dutch Precious Metal Company	137
3.8.1. Company	137
3.8.2. Shop	138
3.9. Darmo Hospital	139
3.9.1. The Founding of Darmo Hospital	141
3.9.2. Location	143
3.9.3. Design	143
3.9.4. Construction	144
3.9.5. Extension	144
3.10. Gubeng Bridge	150
3.10.1. Idea and Decision	150
3.10.2. Design	151
3.10.3. Cost	152
3.10.4. Construction	153
3.11. The Ninth Surabaya Annual Fair (<i>Jaarmarkt</i>)	161
3.11.1. Idea	161
3.11.2. Finance	162
3.11.3. Location	162
3.11.4. Design and Atmosphere	163
3.11.5. Post-event	167
3.12. Pasar Besar Railway Viaduct	179
3.12.1. Railway in Surabaya	180
3.12.2. Idea	182
3.12.3. Design and Its Decision-making Process	183
3.12.3.1. Decision-making	183

3.12.3.2. Design	188
3.12.4. Construction	189
3.12.5. Post-construction	189
3.13. Extension of the Sugar Syndicate Building	198
3.13.1. Idea and Location	200
3.13.2. Design, Cost and Construction of the Old Building	201
3.13.3. Design of the Extension Building	202
3.14. British Community Church	212
3.14.1. Idea and Location	213
3.14.2. Design	214
3.14.3. Construction	214
3.15. Emplacement of the <i>Bataafsche Petroleum Maatschappij</i> (BPM) in Bandaran	219
3.16. Wonokromo Bridge	222
3.16.1. Idea and Decision-making	222
3.16.2. Design	223
3.16.3. Cost and Architect Fee	225
3.16.4. Construction	226
3.17. Mansion on Kayun Street	231
3.17.1. Gerard Pieter Adolfs	233
3.17.2. Design	234
3.17.3. Construction	236
3.18. Mayor Official Residence	245
3.18.1. Idea	245
3.18.2. Decision-making	245
3.18.3. Location and Site	253
3.18.4. Design	253
3.18.5. Cost and Architect Fee	255
3.18.6. Construction	257
3.19. Monument of Dijkerman in Kembang Kuning Cemetery	260
3.19.1. Gerrit Jan Dijkerman	260
3.19.2. Kembang Kuning Cemetery	261
3.19.3. Idea and Decision-making	264
3.19.4. Design	264
3.19.5. Construction	265
3.20. <i>Borneo Sumatra Handel Maatschappij</i> (Borsumij) Office	271
3.20.1. Idea	271
3.20.2. Design	272
3.20.3. Construction	273
3.20.4. Post-construction	274
IV. Architectural Styles	283
4.1. Offices	283
4.2. Houses	289
4.3. Other Functions	294
4.4. Civil Constructions	297

Contents

V. Conclusions	299
5.1. Citroen's Departure from Amsterdam and His Arrival in Surabaya	299
5.2. Citroen's Service in the Municipality of Surabaya	300
5.3. The Scope of Citroen's Service in Surabaya	301
5.4. Citroen's Architectural Ideas and Styles	301
5.5. Citroen's Position in the Architectural Constellation	302
Appendices	305
Bibliography	338
List of Tables and Diagrams	349
List of Illustrations	350
Sources of Illustrations	355
Summary	359
Curriculum Vitae	361

ACKNOWLEDGMENTS

I should begin by expressing my gratitude to the Ford Foundation for the scholarship that facilitated me to study at Leiden University, the Netherlands, through its International Fellowship Program (IFP) - Cohort 4 managed by Mira Sambada, Marni Andriani and Nurwening of the Indonesian International Education Foundation (IIEF).

I am also very grateful to my supervisor prof. dr. Caroline A. van Eck and my daily supervisor dr. Juliette G. Roding who provided me with helpful guidance and suggestions at various steps in my research.

During my first year in the Netherlands a number of people provided assistance and advice. Prof. dr. J.L. Blussé van Oud Alblas and dr. Alicia F. Schrikker from the Encompass group who allowed me to join their activities. Drs. René Wezel taught me the Dutch language and Sander Sauvé checked my understanding of Dutch texts. Prof. dr. H.W. van den Doel introduced me to the *Notulen van de Openbare Vergadering van den Gemeenteraad van Soerabaja* and the *Gemeentebblad van Soerabaja*. With the Indonesian students of Encompass batch 1 - Mawardi Umar, Abdul Wahid, Agus Setiawan, Diantyo Nugroho, Nadia F. Dwiandari and Farabi Fakihi - I shared many hours so that I did not feel alone in this country. I appreciate their friendship very much.

I am extremely grateful to ms. Rini Hogewoning and ms. Josephine Schrama for their unfailing help and hospitality during my visits to the KITLV library. I am also thankful to the Leiden University Institute for Cultural Disciplines (formerly Pallas) for financial support and its staff members dr. K.J.J. Korevaart, ms. C. ten Brink and ms. L.J. Witkam-v.d. Hoek for all their help during the last four years.

Special thanks I would like to address to the Indonesian community in the Netherlands, particularly to *Bapak* Sardjio Mintardjo and his fellows, Kuslan Budiman, Marek Ave, Gogol Rusiyanadi and others. They keep the Indonesian students and exiles in touch with their culture and encourage their concerns about Indonesia. With *Perhimpunan Pelajar Indonesia*, the Indonesian Students Association in Leiden, I shared most of the good and bad times. I stayed more than three years in the house of the couple Cici Khoirina - Johann Angerler with its hybrid atmosphere of Indonesian - Dutch - Austrian influences.

The Dean of the Engineering Faculty gave me tremendous moral support to accomplish my PhD research and the same applies to the members of the Department of

Acknowledgments

Architecture of Brawijaya University. I would like to express my special thanks for them.

In Indonesia I received invaluable help from Eddy Samson and the staff of the *Perpustakaan Nasional* (National Library) in Jakarta, the *Badan Arsip Propinsi Jawa Timur* (Provincial Archive of East Java), the *Badan Arsip Kota Surabaya* (Town Archive of Surabaya), the Sonobudoyo Museum in Yogyakarta and the owners or caretakers of every object I visited while I was doing fieldwork. To all of them I express my deepest gratitude.

Finally, I would like to express my deepest gratitude to my wife Dyah Hardyanti who acted as a single parent and raised our son Nandana Indra Adiatma and our daughter Sekar Wardani Adiaty in the four years that I was away from home. All three of them have waited for my return and never ceased to pray for my success. For their love they deserve the greatest reward I am able to present.

Leiden, Spring 2010
Joko Triwinarto Santoso

ABBREVIATIONS

A et A	<i>Genootschap Architectura et Amicitia</i>
AIA	<i>Algemeen Ingenieurs- en Architecten Bureau</i>
AMS	<i>Algemene Middelbare School</i>
ANIEM	<i>Algemene Nederlandsch Indische Electriciteits Maatschappij</i>
ASNI	<i>Algemeen Syndicaat van Suikerfabrikanten in Nederlandsch-Indië</i>
BENISO	<i>Bond van Eigenaren van Nederlandsch-Indische Suikerondernemingen</i>
BGD	<i>Burgerlijke Geneeskundige Dienst</i>
BNA	<i>Bond van Nederlandse Architecten</i>
BONAS	<i>Stichting Bibliografieën en Oeuvrelijsten van Nederlandse Architecten en Stedebouwkundigen</i>
Borsumij	<i>Borneo Sumatra Handel Maatschappij</i>
BOW	<i>Burgerlijke Openbare Werken</i>
BPM	<i>Bataafsche Petroleum Maatschappij</i>
CBZ	<i>Centrale Burgerlijke Ziekeninrichting</i>
DVG	<i>Dienst der Volksgezondheid</i>
HBM	<i>Hollandsche Beton Maatschappij</i>
HBS	<i>Hogere Burger School</i>
HVA	<i>Handelsvereniging Amsterdam</i>
IBT	<i>Indisch Bouwkundig Tijdschrift</i>
IUA	<i>International Underwriters Association</i>
JSWB	<i>Java Suiker Werkgevers Bond</i>
KIT	<i>Koninklijk Instituut voor de Tropen</i>
KITLV	<i>Koninklijk Instituut voor Taal-, Land- en Volkenkunde</i>
KNEB	<i>Koninklijke Nederlandsche Edelmetaal Bedrijven</i>
MSM	<i>Madoera Stoomtram Maatschappij</i>
MULO	<i>Meer Uitgebreid Lager Onderwijs</i>
NAI	<i>Nederlands Architectuurinstituut</i>
Nedam	<i>Nederlandsche Aanneming Maatschappij</i>
NHM	<i>Nederlandsche Handel Maatschappij</i>
NIAK	<i>Nederlandsch-Indische Architecten Kring</i>
NIAS	<i>Nederlandsch-Indische Artsen School</i>
NIS	<i>Nederlandsch-Indische Spoorweg Maatschappij</i>
NITS	<i>Nederlandsch- Indische Tandartsenschool</i>
OJS	<i>Oost-Java Stoomtram Maatschappij</i>
SCS	<i>Semarang Cheribon Stoomtram Maatschappij</i>
SJV	<i>Soerabajasche Jaarmarktvereniging</i>
SMC	<i>Stichting Medisch Contact Oost Java</i>

Abbreviations

SS	<i>Staatsspoorwegen</i>
STOVIT	<i>School tot Opleiding van Indische Tandartsen</i>
SZV	<i>Soerabajasche Ziekenverpleging</i>
VHBO	<i>Voortgezet en Hooger Bouwkunst Onderricht</i>
VJSP	<i>Vereenigde Java Suiker Producenten</i>
VOC	<i>Vereenigde Oost-Indische Compagnie</i>
VPJS	<i>Vereeniging het Proefstation voor de Java-Suikerindustrie</i>