Stadin Consulting Engineers

COMPANY PROFILE 2026



FULL EDITION · 95 PROJECTS

PT. STADIN STRUKTURINDO KONSULTAN

Structural & Geotechnical Engineering

Structural design, foundation and basement design, and building assessments — for hospitals, hotels, government buildings, high-rise towers and bridges.

418	5	4	585,000
Projects designed	Government buildings in IKN	High-speed rail stations	m^2 — largest project

THE SOUTHGATE RESIDENCE, JAKARTA

STADIN.ID

COMPANY PROFILE 2026 · FULL EDITION

Contents

Full company profile: the firm, its engineers and 95 projects in nine sectors.

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01 · SUMMARY

Stadin on one page

Stadin is a structural and geotechnical engineering consultant based in Kelapa Gading, Jakarta. From Jakarta to Nusantara, Surabaya to Pekanbaru, we provide structural design and calculations, foundation and basement design, and building assessments for hospitals, hotels, government buildings, high-rise towers and bridges — led by SKK Grade A certified engineers.

418	1989	5	4	585,000
Projects designed	Founded in Jakarta	Government buildings in IKN	High-speed rail stations	m² — largest project

SERVICES

- Structural Design & Calculation
- Geotechnical & Foundation Design
- Bridges & Long-Span Structures
- Building Reliability Assessment (SLF)
- Structural Audit & Failure Investigation

KEY ENGINEERS

Ir. Annin Hudaya, S.T., M.T., IPU
President Director
SKK Structural · SKK Geotechnical · SKK Building Functionality Appraiser Expert

Agroma Dastianto, S.T., M.T.
Design Manager
SKK Structural

Tofan Tri Gunawan, S.T.
Senior Structural Engineer / Quality Assurance Manager
SKK Structural

Anastasia Maya Widya Ekaputri, S.T., M.T.
Senior Geotechnical Engineer
SKK Geotechnical

PROJECTS BY SECTOR

Government & Office	14
Healthcare	7
Residential Towers & Mixed-Use	18
Hospitality	14
Infrastructure & Transport	10
Civic & Religious	10
Retail & Shophouses	9
Industrial	6
Private Residences	7

GET IN TOUCH

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stadin.id

02 · ABOUT STADIN

Over 35 years of designing and calculating structures — 418 projects across Indonesia.



Coordinating Ministry Office 2, Nusantara (IKN)

PT. Stadin Strukturindo Konsultan was established in Jakarta in 1989. Since then it has been led by Ir. Annin Hudaya, S.T., M.T., IPU as President Director and Senior Structural & Geotechnical Engineer.

From our office in Kelapa Gading, North Jakarta, we engineer hospitals, hotels, government buildings, towers, houses, factories, bridges and places of worship in thirteen Indonesian cities and regions — including five government buildings in Nusantara (IKN) and four Jakarta–Bandung high-speed rail stations.

WHY STADIN

For owners & developers

Hotels, hospitals, offices and public buildings

- ✓ Material-efficient structures without compromising safety
- ✓ Designed to current Indonesian seismic and concrete codes (SNI)
- ✓ Superstructure and foundations from one team

For contractors

Main contractors, structural subcontractors, design & build

- ✓ Clear, buildable drawings and reinforcement details
- ✓ Construction support: drawing clarifications and site RFIs
- ✓ Alternative designs and value engineering

02 · ABOUT STADIN

Milestones since 1989

1989	PT. Stadin Strukturindo Konsultan is established in Jakarta, led by Ir. Annin Hudaya.
1991	Kemang Pratama Bridge, Bekasi — 48.8 m span.
1995	Kemayoran Grand Mosque, Jakarta, and the Polychem Bridge — 42 m span.
2003	Central Java Grand Mosque, Semarang, and Mall Taman Palem, Jakarta — 265,000 m².
2007	The Peak Hotel & Apartment, Pekanbaru — 30 storeys.
2013–2015	Multi-tower developments: Casa de Parco (4 towers), The Southgate Residence (5 towers, 3 basements), Klaska Residence (6 towers).
2017	BSD Skyhouse — 12 towers, 585,000 m², Stadin's largest project.
2019	Jakarta–Bandung high-speed rail stations: Tegalluar, Walini and Karawang.
IKN	Five government buildings in Nusantara (IKN), including the House of Representatives building (DPR 02) — 116,700 m².

Project years as recorded in the Stadin company profile.

WHERE WE WORK · 13 CITIES AND REGIONS ACROSS INDONESIA

Jakarta
Hospitals, towers, ministries, Halim high-speed rail station

Tangerang & BSD
BSD Skyhouse, Alam Sutera Skyhouse, Casa de Parco

Bandung
Pascal Promenade, ASTRA Biz Center, Tegalluar station

Semarang
Central Java Grand Mosque, Amaris Hotel

Bali
De Pasir Hotel, Amaris Legian

Pekanbaru
Tangram Hotel & Sadira Plaza, The Peak

Balikpapan
Balikpapan Regency Hotel

Nusantara (IKN)
Five ministry and parliament buildings

Bekasi & Cikarang
Bekasi Trade City, factories in Cibitung

Surabaya
Klaska Residence, Equator Apartment, Citraland residence

Yogyakarta
Jalak Hotel

Batam
Nuvasa Bay Country Club

Makassar
JEC Orbita Makassar

03 · SERVICES — 1 / 5

01

Structural Design & Calculation

We design and calculate reinforced concrete, steel and post-tensioned concrete structures — from houses and factories to multi-tower apartments and ministry buildings — and deliver clear, buildable drawings to current SNI codes.

Superstructure and foundations are designed by one team, so loads are followed from column to foundation as one system. Contractors get complete reinforcement details; owners get material-efficient structures without compromising safety.



Casa de Parco · 4 towers · 24–30 storeys

SCOPE OF WORK

- ✓ Structural concept and preliminary design
- ✓ Gravity, wind and seismic analysis (SNI 1726)
- ✓ Design of reinforced concrete, steel and post-tensioned members
- ✓ Structural working drawings and reinforcement details
- ✓ Alternative designs and value engineering
- ✓ Construction support: drawing clarifications and site RFIs

WHAT YOU RECEIVE

- ✓ Superstructure calculations
- ✓ Buildable structural working drawings and reinforcement details
- ✓ Drawing clarifications and RFI answers during construction

WHEN YOU NEED IT

- ✓ New buildings: offices, hotels, hospitals, apartments, factories
- ✓ Adding floors or extending a building
- ✓ Design & build contractors who need a structural team
- ✓ Developers looking for a more efficient structure

02

Geotechnical, Foundation & Basement Design

The right foundation starts with soil data. We read the site investigation results, then select and design the most suitable foundation — bored pile, driven pile or shallow — including single and multi-level basements.

Our President Director holds SKK Geotechnical and SKK Structural Grade A, supported by an SKK-certified Senior Geotechnical Engineer, so foundations and superstructure are connected from day one.



The Southgate Residence · 3 basements · bored pile foundations

SCOPE OF WORK

- ✓ Review of site investigation data
- ✓ Foundation selection: bored pile, driven pile or shallow
- ✓ Bearing capacity and settlement calculations
- ✓ Basement and retaining wall design
- ✓ Coordination between foundation and superstructure

WHAT YOU RECEIVE

- ✓ Foundation type recommendation based on soil data
- ✓ Bearing capacity and settlement calculations
- ✓ Foundation, basement and retaining wall design

WHEN YOU NEED IT

- ✓ Buildings with basements on soft soil
- ✓ Choosing between bored and driven piles
- ✓ Luxury houses with basements or pools
- ✓ Tall buildings with heavy foundation loads

03

Bridges & Long-Span Structures

Long spans demand careful work on deflection, vibration and connections. We have designed bridges 28 to 55 m long, four Jakarta–Bandung high-speed rail stations, and stadiums and halls without interior columns.

The Ventura – MRT Fatmawati bridge, for example, is 55 m long and 4.5 m wide, linking a building to the MRT station.



Ventura – MRT Fatmawati Connecting Bridge · 55 m long · 4.5 m wide

SCOPE OF WORK

- ✓ Concrete and steel bridge design
- ✓ Connecting bridges between buildings
- ✓ Long-span roofs and trusses
- ✓ Deflection and vibration analysis
- ✓ Bridge foundation design

WHAT YOU RECEIVE

- ✓ Bridge or long-span structure design
- ✓ Deflection and vibration analysis
- ✓ Bridge foundation design

WHEN YOU NEED IT

- ✓ Estate access bridges and local roads
- ✓ Pedestrian and building-link bridges
- ✓ Stations, halls, warehouses and stadiums without interior columns

04

SLF Structural Assessment

The Sertifikat Laik Fungsi (SLF, Certificate of Building Functionality) is issued by the local government to confirm a building is fit for use. For buildings other than single and row houses it is valid for 5 years and must be renewed. One of its foundations is a technical assessment confirming the structure is safe.

We prepare structural assessments for new and renewed SLF. Inspections are led by our President Director, an SKK-certified Building Functionality Appraiser (Grade A) and certified Building Failure Appraiser.



Jakarta Eye Center · 10-storey hospital, structure designed by Stadin (2008)

SCOPE OF WORK

- ✓ Visual inspection of the structure
- ✓ Review of available drawings and technical data
- ✓ Structural capacity analysis where needed
- ✓ Structural assessment report for the SLF file
- ✓ Repair or strengthening recommendations

WHAT YOU RECEIVE

- ✓ Structural assessment report for the SLF file
- ✓ Repair or strengthening recommendations where needed

WHEN YOU NEED IT

- ✓ New buildings about to be occupied
- ✓ SLF approaching its expiry date
- ✓ Buildings that received a notice from the local government
- ✓ Buildings changing use or being renovated

03 · SERVICES — 5 / 5

05

Structural Audit & Failure Investigation

Cracks, deflection or a planned change of use can all be signs that a building needs checking. We audit existing structures, find the cause of damage and recommend repair or strengthening.

Investigations are led by our President Director, a certified Building Failure Appraiser, supported by our structural and geotechnical team.



Katsushiro Factory · steel factory frame, structure designed by Stadin (2010)

SCOPE OF WORK

- ✓ Visual inspection and damage mapping
- ✓ Review of drawings, material data and building history
- ✓ Structural capacity re-analysis
- ✓ Root-cause investigation of cracks, settlement or damage
- ✓ Repair and strengthening recommendations

WHAT YOU RECEIVE

- ✓ Damage map from the visual inspection
- ✓ Results of the structural capacity re-analysis
- ✓ Repair and strengthening recommendations

WHEN YOU NEED IT

- ✓ Cracks in columns, beams, slabs or walls
- ✓ Adding floors or changing a building's use
- ✓ After a fire, earthquake or other event
- ✓ Before buying or taking over an older building

04 · CERTIFICATION & MEMBERSHIPS

Every project is designed and checked by SKK Grade A certified engineers.

CERTIFICATION BY ENGINEER



Ir. Annin Hudaya, S.T., M.T., IPU
President Director · Senior Structural & Geotechnical Engineer

SKK Structural	J9 / Grade A
SKK Geotechnical	J9 / Grade A
SKK Building Functionality Appraiser Expert	J9 / Grade A
Building Failure Appraiser Certificate	



Agroma Dastianto, S.T., M.T.
Design Manager

SKK Structural	J9 / Grade A



Tofan Tri Gunawan, S.T.
Senior Structural Engineer / Quality Assurance Manager

SKK Structural	J9 / Grade A



Anastasia Maya Widya Ekaputri, S.T., M.T.
Senior Geotechnical Engineer

SKK Geotechnical	J8 / Grade A

04 · CERTIFICATION & MEMBERSHIPS

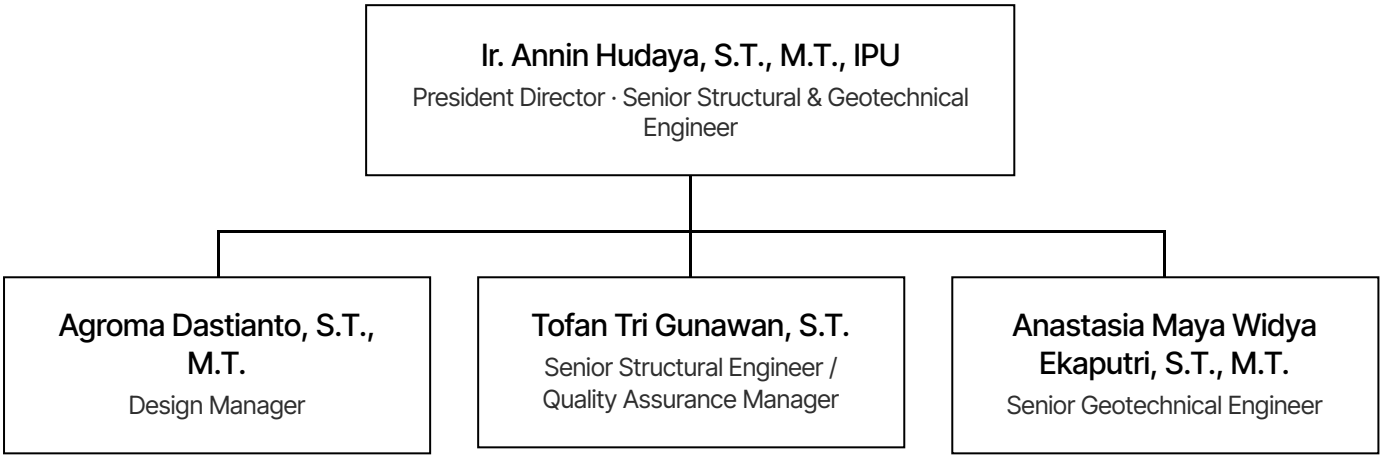
Professional memberships

ORGANISATION	MEMBERS
HAKI Indonesian Association of Civil & Structural Engineers	Annin Hudaya, Agroma Dastianto, Tofan Tri Gunawan
HATTI Indonesian Society for Geotechnical Engineering	Annin Hudaya, Agroma Dastianto, Anastasia Maya Widya Ekaputri
ISSC Indonesian Society of Steel Construction	Annin Hudaya
PII The Institution of Engineers Indonesia	Annin Hudaya
ACI American Concrete Institute	Annin Hudaya
AARGI Association of Indonesian Earthquake Engineers	Annin Hudaya
IAPPI Association of Precast & Prestressed Engineers	Annin Hudaya

05 · ORGANISATION & KEY ENGINEERS

Organisation

Core team structure. Every project is led by SKK Grade A certified engineers.



KEY ENGINEERS

NAME	POSITION	HIGHEST DEGREE	CERTIFICATION	SINCE	PROJECTS
Ir. Annin Hudaya, S.T., M.T., IPU	President Director · Senior Structural & Geotechnical Engineer	Master's (S2), sandwich programme in Structural Design, University of Indonesia & Ecole Centrale de Lyon, France	SKK Structural (J9 / Grade A) SKK Geotechnical (J9 / Grade A) SKK Building Functionality Appraiser Expert (J9 / Grade A) Building Failure Appraiser Certificate	1979	418
Agroma Dastianto, S.T., M.T.	Design Manager	Master's (S2), Civil Engineering, Institut Teknologi Bandung (ITB)	SKK Structural (J9 / Grade A)	2007	61
Tofan Tri Gunawan, S.T.	Senior Structural Engineer / Quality Assurance Manager	Bachelor's (S1), Civil Engineering, Sebelas Maret University, Surakarta	SKK Structural (J9 / Grade A)	2004	51
Anastasia Maya Widya Ekaputri, S.T., M.T.	Senior Geotechnical Engineer	Master's (S2), Civil Engineering, Universitas Gunadarma	SKK Geotechnical (J8 / Grade A)	2019	27

05 · ORGANISATION & KEY ENGINEERS

President Director



Ir. Annin Hudaya, S.T., M.T., IPU

President Director · Senior Structural & Geotechnical Engineer

Since 1979 has designed the sub- and upper structures of 418 projects: low- and high-rise buildings, with or without multiple basements.

418	101	132
projects designed since 1979	short courses	seminars & webinars

EDUCATION

2022	**Professional Engineer Program** Institut Teknologi Bandung (ITB)
1992–1994	**Master's (S2), sandwich programme in Structural Design** University of Indonesia & Ecole Centrale de Lyon, France
1974–1979	**Bachelor's (S1), Civil Engineering** Trisakti University, Jakarta

NON-FORMAL EDUCATION

2006	**Certificate of Business Management (CBM), Financial Management module** Prasetiya Mulya, Jakarta

CERTIFICATION

SKK Structural	J9 / Grade A
SKK Geotechnical	J9 / Grade A
SKK Building Functionality Appraiser Expert	J9 / Grade A
Building Failure Appraiser Certificate	

MEMBER OF

- **HAKI** — Indonesian Association of Civil & Structural Engineers
- **HATTI** — Indonesian Society for Geotechnical Engineering
- **PII** — The Institution of Engineers Indonesia
- **ISSC** — Indonesian Society of Steel Construction
- **ACI** — American Concrete Institute
- **AARGI** — Association of Indonesian Earthquake Engineers
- **IAPPI** — Association of Precast & Prestressed Engineers

05 · ORGANISATION & KEY ENGINEERS



Ir. Annin Hudaya, S.T., M.T., IPU

President Director · Senior Structural & Geotechnical Engineer

WORK EXPERIENCE

1989–now	**President Director / Senior Structural & Geotechnical Engineer** PT. Stadin Strukturindo Konsultan
1984–1989	**Chief Structural Engineer** PT. Pillar Empat Manunggal · consulting engineers
1981–1984	**Design Manager** PT. Ketira Engineering Consultants · engineering consultant
1980–1981	**Assistant Design & Estimation Manager** PT. Perkasa Andalas Steel · steel fabricator
1979–1980	**Geotechnical Engineer** PT. Ciptra Strada · engineering consultant
1978–1979	**Structural Engineer** Freelance

PROFESSIONAL ORGANISATIONS

2025–2029	**Vice Chairman V, ISSC (Indonesian Society of Steel Construction)**
2021–2024	**Chairman III, HAKI (Indonesian Society of Civil & Structural Engineers)**
2018–2021 & 2021–2024	**Head of the ISSC Design Committee**

ACADEMIC

Guest lecturer, Faculty of Civil Engineering and Planning, Trisakti University
Subjects: Upper Structural Design of High-rise Buildings and Sub-Structural Design of High-rise Buildings

Advisory board member
Trisakti University (Jakarta), Tarumanagara University (Jakarta), Atma Jaya Catholic University (Yogyakarta)

05 · ORGANISATION & KEY ENGINEERS

Our engineers' CVs

Education, SKK certification and work experience of the engineers who design and check every Stadin project.



Agroma Dastianto, S.T., M.T.

Design Manager

61	15	50
projects designed since 2007	short courses	seminars & webinars

EDUCATION

2008–2011	**Master's (S2), Civil Engineering** Institut Teknologi Bandung (ITB)
2002–2007	**Bachelor's (S1), Civil Engineering** Institut Teknologi Bandung (ITB)

WORK EXPERIENCE

2025–now	**Design Manager** PT. Stadin Strukturindo Konsultan
2023–2025	**Design Manager** PT. Ocean Engineering Indonesia
2014–2022	**Project Coordinator** PT. Konsultan TYLin International
2011–2014	**Structural Engineer** PT. Stadin Strukturindo Konsultan
2007–2009	**Structural Engineer** PT. LAPI ITB

MEMBER OF

HAKI
Indonesian Association of Civil & Structural Engineers

HATTI
Indonesian Society for Geotechnical Engineering

CERTIFICATION

SKK Structural	J9 / Grade A

05 · ORGANISATION & KEY ENGINEERS



Tofan Tri Gunawan, S.T.

Senior Structural Engineer / Quality Assurance Manager

51	12	37
projects designed since 2004	short courses	seminars & webinars

EDUCATION

1998–2003 **Bachelor's (S1), Civil Engineering**
Sebelas Maret University, Surakarta

WORK EXPERIENCE

2008–now **Senior Structural Engineer / Quality Assurance Manager**
PT. Stadin Strukturindo Konsultan

2004–2008 **Structural Engineer**
PT. Rekacipta Kinematika

MEMBER OF

HAKI
Indonesian Association of Civil & Structural Engineers

CERTIFICATION

SKK Structural — J9 / Grade A



Anastasia Maya Widya Ekaputri, S.T., M.T.

Senior Geotechnical Engineer

27	3	12
projects designed since 2019	short courses	seminars & webinars

EDUCATION

2017–2021 **Master's (S2), Civil Engineering**
Universitas Gunadarma

2013–2017 **Bachelor's (S1), Civil Engineering**
Universitas Gunadarma

WORK EXPERIENCE

2019–now **Senior Geotechnical Engineer**
PT. Stadin Strukturindo Konsultan

MEMBER OF

HATTI
Indonesian Society for Geotechnical Engineering

CERTIFICATION

SKK Geotechnical — J8 / Grade A

06 · REFERENCE PROJECTS

95 projects, nine sectors

Every project on stadin.id, grouped by sector. Each sector opens with photos, followed by the full list: location, floor area, storeys, basements, foundation type, year, and the owner, architect and MEP engineers where recorded.



Coordinating Ministry Office 1 · Nusantara (IKN)

SECTOR	PROJECTS	EXAMPLES	PAGE
Government & Office	14	Five ministry and parliament buildings in IKN, Ministry of Public Works HQ	19
Healthcare	7	National Brain Centre Hospital, EKA Hospital Puri, RSU Adhyaksa, Proton Therapy RSPAD	23
Residential Towers & Mixed-Use	18	BSD Skyhouse (12 towers), Klaska Residence, The Southgate, Alam Sutera Skyhouse	25
Hospitality	14	Tangram Hotel Pekanbaru, The Peak, Jalak Hotel Yogyakarta, seven Amaris hotels	30
Infrastructure & Transport	10	Four KCIC high-speed rail stations, Ventura–MRT bridge, TransJakarta stops	34
Civic & Religious	10	Central Java Grand Mosque, Kemayoran Grand Mosque, Ciracas Stadium	37
Retail & Shophouses	9	Mall Taman Palem, Pascal Promenade Bandung, CBD Mall Ciledug, Foresta BSD	40
Industrial	6	NSK Warner, Panasonic Gobel, Polyfin Canggih, Indaref Cilegon	43
Private Residences	7	Citraland Surabaya, Menteng, Royal Golf Karawaci, The Kiew Garden	45

SECTOR 1 OF 9



House of Representatives (DPR 02) · Nusantara (IKN) · CFA 116,700 m²

Government & Office

14	projects
116,700 m²	largest project · House of Representatives (DPR 02)
1996–2015	years

We engineered five government buildings in Nusantara (IKN) — including the 116,700 m² House of Representatives building (DPR 02) and the Ministry of State Secretariat — plus the Ministry of Public Works HQ and the BNPT office in Jakarta.



Ministry of Public Works, Wing 2

Nusantara (IKN)

CFA 82,900 m²



Ministry of State Secretariat

Nusantara (IKN)

CFA 66,700 m²

Project list · Government & Office

14 PROJECTS

NO	PROJECT · LOCATION	AREA / SIZE	STOREYS	TOWERS	BASEMENT	FOUNDATION	YEAR
01	**House of Representatives (DPR 02)** Nusantara (IKN)	116,700 m²	–	–	–	–	–
02	**Ministry of Public Works, Wing 2** Nusantara (IKN)	82,900 m²	–	–	–	–	–
03	**Ministry of State Secretariat** Nusantara (IKN)	66,700 m²	–	–	–	–	–
04	**Coordinating Ministry Office 1** Nusantara (IKN)	50,900 m²	–	–	–	–	–
05	**Coordinating Ministry Office 2** Nusantara (IKN)	42,000 m²	–	–	–	–	–
06	**Office @ Rasuna Said** Jakarta ARCHITECT PT. Anggara Archi Team	92,000 m²	32	–	3	Bored pile	2015
07	**Ministry of Public Works & Housing HQ** Jakarta OWNER Departemen PUPR · ARCHITECT PT. Jakarta Konsultindo	–	17 (main building) · 8 (parking building)	–	1	Bored pile	2009
08	**BNPT Office** Jakarta	14,200 m²	–	–	–	–	–
09	**North Jakarta Mayor's Office** North Jakarta OWNER Pemda Walikota Jakarta Utara · ARCHITECT PT. Artefak Arsindo	–	4	–	–	Driven pile	1996
10	**Jakarta City Technical Services Office** Jakarta OWNER Dinas Teknis DKI · ARCHITECT PT. Ciriajasa	–	16	–	2	Bored pile	1996
11	**ASTRA Biz Center** Bandung OWNER PT. Astra International · ARCHITECT Ir. Boy Bhirawa	11,000 m²	2 & 3	–	1	Driven pile	2010
12	**IRMC Office @ Cokroaminoto 88** Jakarta OWNER PT. Indonesia Republik Motor Company (IRMC) · ARCHITECT PT. Enviro-Tec Indonesia · MEP PT. Policipta Multidesign	3,400 m²	7	–	2	Bored pile	2010
13	**Presisi Building**	–	–	–	–	–	–
14	**Office @ Sorong** Sorong	–	–	–	–	–	–



Coordinating Ministry Office 1

Nusantara (IKN)

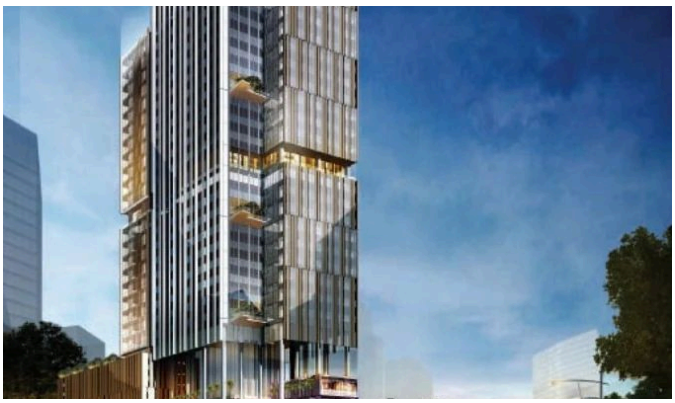
CFA 50,900 m²



Coordinating Ministry Office 2

Nusantara (IKN)

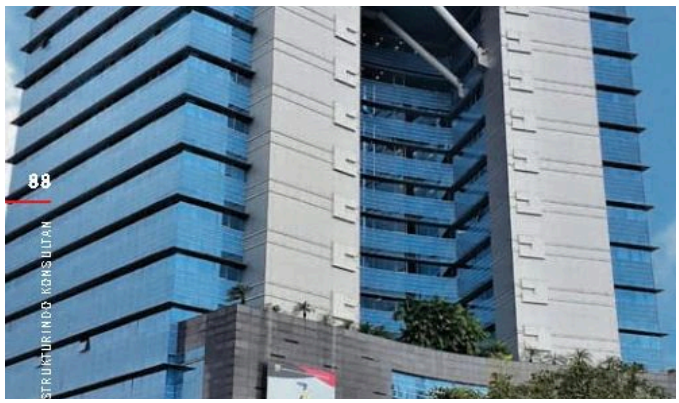
CFA 42,000 m²



Office @ Rasuna Said

Jakarta · 2015

32 fl · 3 basements · bored pile · CFA 92,000 m²



Ministry of Public Works & Housing HQ

Jakarta · 2009

Head office



BNPT Office

Jakarta

CFA 14,200 m²



North Jakarta Mayor's Office

North Jakarta · 1996

Municipal office



Jakarta City Technical Services Office

Jakarta · 1996

Municipal office



ASTRA Biz Center

Bandung · 2010

2 & 3 fl · 1 basement · driven pile · CFA 11,000 m²



IRMC Office @ Cokroaminoto 88

Jakarta · 2010

7 fl · 2 basements · bored pile · CFA 3,400 m²



Presisi Building



Office @ Sorong

Sorong

SECTOR 2 OF 9



National Brain Centre Hospital (RS PON) · Jakarta · CFA 90,000 m²

Healthcare

7	projects
90,000 m²	largest project · National Brain Centre Hospital (RS PON)
2008	years

Hospitals are Risk Category IV buildings under SNI 1726: they must remain operational after an earthquake. We have engineered hospitals from the 90,000 m² National Brain Centre Hospital to the Proton Beam Therapy building at RSPAD with its radiotherapy bunker.



EKA Hospital Puri
Jakarta
CFA 49,000 m²



RSU Adhyaksa
Ceger, East Jakarta
CFA 14,500 m²

Project list · Healthcare

7 PROJECTS

NO	PROJECT · LOCATION	AREA / SIZE	STOREYS	TOWERS	BASEMENT	FOUNDATION	YEAR
01	**National Brain Centre Hospital (RS PON)** Jakarta	90,000 m²	–	–	–	–	–
02	**EKA Hospital Puri** Jakarta	49,000 m²	–	–	–	–	–
03	**RSU Adhyaksa** Ceger, East Jakarta	14,500 m²	–	–	–	–	–
04	**Jakarta Eye Center** Jakarta OWNER JEC Group · ARCHITECT PT. ARKdesign	13,000 m²	10	–	1	Driven pile	2008
05	**Proton Beam Therapy, RSPAD** Jakarta	9,800 m²	–	–	–	–	–
06	**RSUP Persahabatan** Jakarta	7,400 m²	–	–	–	–	–
07	**JEC Orbita Makassar** Makassar	–	–	–	–	–	–



Jakarta Eye Center

Jakarta · 2008

10 fl · 1 basement · driven pile · CFA 13,000 m²



Proton Beam Therapy, RSPAD

Jakarta

CFA 9,800 m²



RSUP Persahabatan

Jakarta

CFA 7,400 m²



JEC Orbita Makassar

Makassar

SECTOR 3 OF 9



BSD Skyhouse · BSD City · 12 towers · CFA 585,000 m²

Residential Towers & Mixed-Use

18	projects
585,000 m²	largest project · BSD Skyhouse
2005–2018	years

In a tall building, every kilogram of structure is repeated on every floor. We have engineered apartments and multi-tower developments — BSD Skyhouse with 12 towers and 585,000 m², Klaska Residence with 6 towers in Surabaya, and The Southgate Residence in Jakarta.



Klaska Residence

Surabaya · 2015

6 towers · CFA 268,000 m²



Alam Sutera Skyhouse

Tangerang · 2018

5 towers · CFA 245,000 m²

Project list · Residential Towers & Mixed-Use

18 PROJECTS

NO	PROJECT · LOCATION	AREA / SIZE	STOREYS	TOWERS	BASEMENT	FOUNDATION	YEAR
01	**BSD Skyhouse** BSD City OWNER PT. Sunny Garden Property · ARCHITECT PT. Megatika Graha Lestari International · MEP PT. Rayosa Cipta Mandiri	585,000 m²	30	12	–	Bored pile	2017
02	**Klaska Residence** Surabaya OWNER PT. Duta Pertiwi, Tbk · ARCHITECT PT. Airmas Asri · MEP PT. Pasada	268,000 m²	25–37 (apartments) · 4 (retail podium) · 3 (shophouses)	6	1	Bored pile	2015
03	**Alam Sutera Skyhouse** Tangerang OWNER PT. Risland Sutera Property · ARCHITECT PT. Megatika International · MEP PT. Rayosa Cipta Mandiri	245,000 m²	–	5	1	Bored pile	2018
04	**The Southgate Residence** Jakarta OWNER PT. Duta Semesta Mas (Sinarmas Land) · ARCHITECT PT. Airmas Asri · MEP PT. Metakom Pranata	240,000 m² · 5.4 ha site	8 (mall) · 24, 26 & 29 (apartments) · 19 (office)	5	3	Bored pile	2014
05	**Equator Apartment** Dukuh Pakis, Surabaya OWNER PT. Sinarmas Land · ARCHITECT Aedas Pte + Anggara Archi Team	236,000 m²	37	5	2	–	2015
06	**Pulo Gadung Trade Center** Jakarta OWNER PT. Nagaraja Lestari · ARCHITECT PT. Megatika International · MEP PT. Rayosa Cipta Mandiri	136,000 m²	25	3	2	Driven pile	2013
07	**Casa de Parco** BSD City OWNER PT. Sinar Mas Land, Tbk · ARCHITECT Sonny Sutanto Architects · MEP PT. Adhicipta Prajawidya	130,000 m²	24–30	4	3	Bored pile	2013
08	**Safa-Marwa Tower** Jakarta OWNER PT. Mahardika Gagas Sejahtera · ARCHITECT Codinachs Architect + Arkonin · MEP PT. Mitra Cipta Pratama	108,000 m²	16 + 18	3	4	Bored pile	2016
09	**Bekasi Trade City** Bekasi OWNER PT. Perdana Gapuraprima Tbk. · ARCHITECT PT. Megatika International · MEP PT. Metakom Pranata	87,000 m²	4 & 16	5	1	Driven pile	2015
10	**EKKI Tower, PGV** Cimanggis, Bogor OWNER PT. Graha Tunas Selaras · ARCHITECT PT. Megatika International · MEP PT. Malmass Mitra Teknik	85,000 m²	24	–	1	Driven pile	2018
11	**18 Office Park** TB Simatupang, Jakarta OWNER PT. Kalma Propertindo · ARCHITECT Urbane Architect	66,000 m²	22	–	4	Bored pile	2011
12	**Binus Square Hall of Residence** Kebon Jeruk, Jakarta OWNER Bina Nusantara University · ARCHITECT Aaron Purba Architect (APA)	49,000 m²	17	4	1	Driven pile	2008
13	**Omega / New Ville Apartment** Meikarta, Cikarang	45,000 m²	–	–	–	–	–

Project list · Residential Towers & Mixed-Use (CONTINUED)

18 PROJECTS

NO	PROJECT · LOCATION	AREA / SIZE	STOREYS	TOWERS	BASEMENT	FOUNDATION	YEAR
14	**Belmont Residence** Meruya, Jakarta OWNER PT. Mitra Abadi Sukses Sejahtera · ARCHITECT PT. Megatika International · MEP PT. Metakom Pranata	41,000 m²	17	2	1	Bored pile	2012
15	**Mustika Golf Residence** Cikarang OWNER PT. Menara Pelangi · ARCHITECT PT. Megatika International · MEP PT. Mitra Cipta Pranata	28,000 m²	17	–	1	Driven pile	2014
16	**Kemang Penthouse** Kemang, Jakarta OWNER PT. Mahardika Gagas Sejahtera · ARCHITECT Codinachs Architect + Arkonin · MEP Arkonin	19,000 m²	20	–	1	Bored pile	2016
17	**Best Western Residence Mangga Dua** Jakarta ARCHITECT Stevanus & Rekan · MEP PT. Metakom Pranata	–	30	–	2	Bored pile	2005
18	**Frasers Residence Menteng** Jakarta OWNER PT. Tripura Indah Persada · ARCHITECT PT. Enviro-Tec Indonesia · MEP PT. Metakom Pranata	–	17	–	2	Bored pile	2009



The Southgate Residence

Jakarta · 2014

5.4 ha site · CFA 240,000 m²



Equator Apartment

Dukuh Pakis, Surabaya · 2015

5 towers · CFA 236,000 m²



Pulo Gadung Trade Center

Jakarta · 2013

3 towers · CFA 136,000 m²



Casa de Parco

BSD City · 2013

4 towers · CFA 130,000 m²



Safa-Marwa Tower

Jakarta · 2016

3 towers · CFA 108,000 m²



Bekasi Trade City

Bekasi · 2015

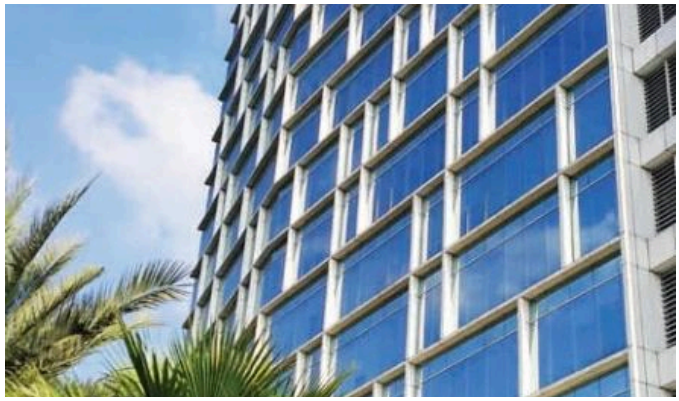
5 towers · CFA 87,000 m²



EKKI Tower, PGV

Cimanggis, Bogor · 2018

24 fl · 1 basement · driven pile · CFA 85,000 m²



18 Office Park

TB Simatupang, Jakarta · 2011

Office park · CFA 66,000 m²



Binus Square Hall of Residence

Kebon Jeruk, Jakarta · 2008

Student housing · CFA 49,000 m²



Omega / New Ville Apartment

Meikarta, Cikarang

6 towers · CFA 45,000 m²



Belmont Residence

Meruya, Jakarta · 2012

2 towers · CFA 41,000 m²



Mustika Golf Residence

Cikarang · 2014

17 fl · 1 basement · driven pile · CFA 28,000 m²



Kemang Penthouse

Kemang, Jakarta · 2016

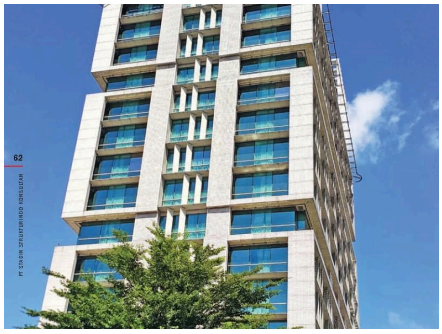
20 fl · 1 basement · bored pile · CFA 19,000 m²



Best Western Residence Mangga Dua

Jakarta · 2005

30 fl · 2 basements · bored pile



Frasers Residence Menteng

Jakarta · 2009

17 fl · 2 basements · bored pile

SECTOR 4 OF 9



Tangram Hotel & Sadira Plaza · Pekanbaru · 15 fl · 2 basements · bored pile · CFA 28,000 m²

Hospitality

14	projects
45,000 m²	largest project · Jalak Hotel
2007–2015	years

Hotels often sit above a mall or parking podium, so guest-room column loads must be carried through a transfer structure. We have engineered 14 hotels, including Tangram Hotel Pekanbaru: a 15-storey hotel above a 5-storey mall, with two basements on bored piles.



Jalak Hotel

Yogyakarta · 2015

13 fl · 2 basements · bored pile · CFA 45,000 m²



The Peak Hotel & Apartment

Pekanbaru · 2007

30 fl · bored pile · CFA 28,000 m²

Project list · Hospitality

14 PROJECTS

NO	PROJECT · LOCATION	AREA / SIZE	STOREYS	TOWERS	BASEMENT	FOUNDATION	YEAR
01	**Tangram Hotel & Sadira Plaza** Pekanbaru OWNER PT. Halla Mohana · ARCHITECT PT. Pandega Desain Weharima (PDW) · MEP PT. Meltech Consultindo	28,000 m²	15 (hotel) · 5 (mall)	2	2	Bored pile	2013
02	**Jalak Hotel** Yogyakarta OWNER PT. Java Orient Properti · ARCHITECT PT. Airmas Asri · MEP PT. Arnan Pratama Consultants	45,000 m²	13	–	2	Bored pile	2015
03	**The Peak Hotel & Apartment** Pekanbaru ARCHITECT Stevanus & Rekan · MEP PT. Metakom Pranata	28,000 m²	30	–	–	Bored pile	2007
04	**De Pasir Hotel** Bali ARCHITECT PT. Enviro-Tec Indonesia	–	4	–	1	Bored pile	2012
05	**Balikpapan Regency Hotel** Balikpapan OWNER PT. Sumber Mitra Real Indo (SMR) · ARCHITECT PT. Atelier Una Indonesia (UNA) · MEP PT. Meltech Consultindo	–	10	–	2	Driven pile	2013
06	**Amaris Hotel Legian** Bali OWNER PT. Graha Santika · ARCHITECT Aaron Purba Architect	–	4	–	–	Bored pile	2008
07	**Amaris Hotel Kramat** Jakarta OWNER PT. Graha Santika · ARCHITECT Aaron Purba Architect	–	5	–	1	Bored pile	2009
08	**Amaris Hotel Mangga Besar** Jakarta OWNER PT. Graha Santika · ARCHITECT Aaron Purba Architect	–	6	–	–	Bored pile	2009
09	**Amaris Hotel Panglima Polim** Jakarta OWNER PT. Graha Santika · ARCHITECT Aaron Purba Architect	–	8	–	1	Bored pile	2007
10	**Amaris Hotel Cimanuk** Bandung OWNER PT. Graha Santika · ARCHITECT Aaron Purba Architect	–	3	–	1	Bored pile	2008
11	**Amaris Hotel Semarang** Semarang OWNER PT. Graha Santika · ARCHITECT Aaron Purba Architect	–	6	–	–	Driven pile	2008
12	**Hotel Bumi Segah**	–	–	–	–	–	–
13	**Amaris Hotel Juanda**	–	–	–	–	–	–
14	**Artotel Casa Kuningan**	–	–	–	–	–	–



De Pasir Hotel

Bali · 2012

4 fl · 1 basement · bored pile



Balikpapan Regency Hotel

Balikpapan · 2013

10 fl · 2 basements · driven pile



Amaris Hotel Legian

Bali · 2008

4 fl · bored pile



Amaris Hotel Kramat

Jakarta · 2009

5 fl · 1 basement · bored pile



Amaris Hotel Mangga Besar

Jakarta · 2009

6 fl · bored pile



Amaris Hotel Panglima Polim

Jakarta · 2007

8 fl · 1 basement · bored pile



Amaris Hotel Cimanuk

Bandung · 2008

3 fl · 1 basement · bored pile



Amaris Hotel Semarang

Semarang · 2008

6 fl · driven pile



Hotel Bumi Segah



Amaris Hotel Juanda



Artotel Casa Kuningan

SECTOR 5 OF 9



Halim High-Speed Railway Station (KCIC) · Jakarta · CFA 57,000 m²

Infrastructure & Transport

We engineered four Jakarta–Bandung high-speed rail stations (Halim, Karawang, Walini, Tegalluar), bridges 28 to 55 m long, 20 TransJakarta bus stops and a rest area on the Jakarta–Cikampek toll road.

10	projects
60,000 m²	largest project · Tegalluar High-Speed Railway Station (KCIC)
1991–2019	years



Tegalluar High-Speed Railway Station (KCIC)

Bandung · 2019

3 fl · driven & bored piles · CFA 60,000 m²



Walini High-Speed Railway Station (KCIC)

West Java · 2019

2 fl · driven & bored piles · CFA 24,000 m²

Project list · Infrastructure & Transport

10 PROJECTS

NO	PROJECT · LOCATION	AREA / SIZE	STOREYS	TOWERS	BASEMENT	FOUNDATION	YEAR
01	**Halim High-Speed Railway Station (KCIC)** Jakarta	57,000 m²	–	–	–	–	–
02	**Tegalluar High-Speed Railway Station (KCIC)** Bandung OWNER PT. KCIC · ARCHITECT Megatika International · MEP Rayosa Cipta Mandiri	60,000 m²	3	–	–	Driven & bored piles	2019
03	**Walini High-Speed Railway Station (KCIC)** West Java OWNER PT. KCIC · ARCHITECT Megatika International · MEP Rayosa Cipta Mandiri	24,000 m²	2	–	–	Driven & bored piles	2019
04	**Karawang High-Speed Railway Station (KCIC)** Karawang OWNER PT. KCIC · ARCHITECT Megatika International · MEP Rayosa Cipta Mandiri	22,000 m²	3	–	–	Driven & bored piles	2019
05	**Ventura – MRT Fatmawati Connecting Bridge** Jakarta	55 m long · 4.5 m wide · 741 m² hub	–	–	–	–	–
06	**Kemang Pratama Bridge** Bekasi ARCHITECT PT. Atelier 6 Arsitek	48.8 m span	–	–	–	Driven pile	1991
07	**Polychem Bridge** Jl. Daan Mogot, Jakarta	42 m span	–	–	–	Driven pile	1995
08	**Yasulintex Bridge** Jl. Daan Mogot, Tangerang	28 m span	–	–	–	Driven pile	2008
09	**20 TransJakarta Bus Stops** Jakarta	20 stops	–	–	–	–	–
10	**Rest Area Km 19.2, Jakarta–Cikampek Toll Road** Jakarta–Cikampek ARCHITECT PT. DAA	–	2	–	–	Driven pile	2004



Karawang High-Speed Railway Station (KCIC)

Karawang · 2019

3 fl · driven & bored piles · CFA 22,000 m²



Ventura – MRT Fatmawati Connecting Bridge

Jakarta

55 m long · 4.5 m wide · 741 m² hub



Kemang Pratama Bridge

Bekasi · 1991

48.8 m span · driven pile



Polychem Bridge

Jl. Daan Mogot, Jakarta · 1995

42 m span · driven pile



Yasulintex Bridge

Jl. Daan Mogot, Tangerang · 2008

28 m span · driven pile



20 TransJakarta Bus Stops

Jakarta

20 stops



Rest Area Km 19.2, Jakarta–Cikampek Toll Road

Jakarta–Cikampek · 2004

2 fl · driven pile

SECTOR 6 OF 9

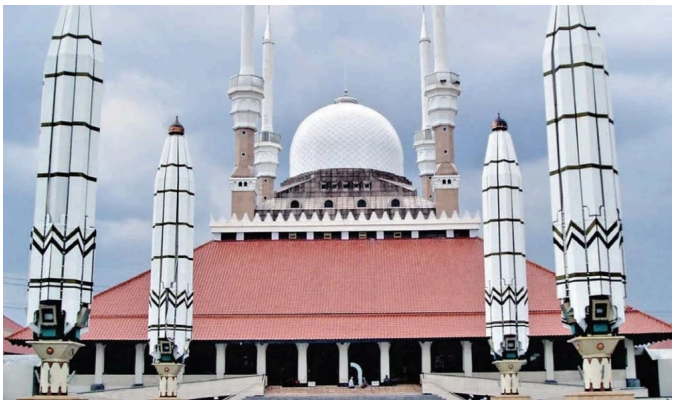


Taman Ismail Marzuki Revitalisation (TIM) · Jakarta

Civic & Religious

10	projects
13,000 m²	largest project · St. Andreas Kim Tae Gon Church
1995–2019	years

Places of worship and public venues need large column-free spaces and distinctive architecture. We engineered the Central Java Grand Mosque in Semarang, churches in Jakarta and Sintang Cathedral, the Ciracas Sports Stadium, and the basic-design foundations of Jakarta International Stadium.



Central Java Grand Mosque

Semarang · 2003

3 fl · driven pile



Kemayoran Grand Mosque

Jakarta · 1995

3 fl · driven pile

Project list · Civic & Religious

10 PROJECTS

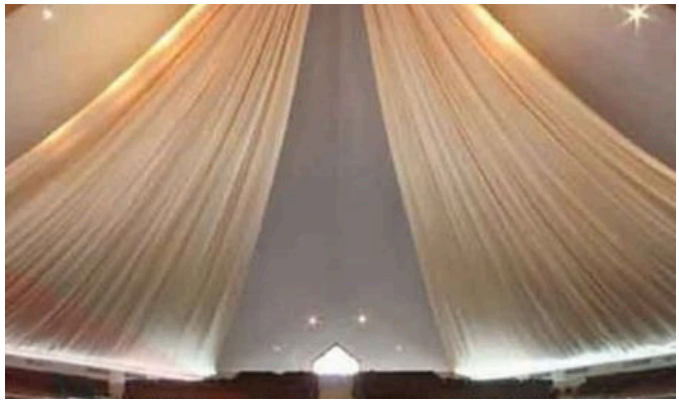
NO	PROJECT · LOCATION	AREA / SIZE	STOREYS	TOWERS	BASEMENT	FOUNDATION	YEAR
01	**Central Java Grand Mosque** Semarang OWNER Pemda Jawa Tengah · ARCHITECT PT. Atelier Mekar Bangun	–	3	–	–	Driven pile	2003
02	**Kemayoran Grand Mosque** Jakarta OWNER Pemda DKI · ARCHITECT PT. Atelier 6 Arsitek	–	3	–	–	Driven pile	1995
03	**St. Andreas Kim Tae Gon Church** Kelapa Gading, Jakarta ARCHITECT Stevanus & Rekan · MEP PT. Metakom Pranata	13,000 m²	3	–	–	Driven pile	2015
04	**St. Yakobus Church** Kelapa Gading, Jakarta ARCHITECT Stevanus & Rekan · MEP PT. Metakom Pranata	–	2	–	–	Driven pile	2009
05	**Matias Rasul Church** Kosambi, Jakarta ARCHITECT Ir. Lilis	–	2	–	–	Driven pile	2005
06	**Sintang Cathedral** Sintang, West Kalimantan ARCHITECT Stevanus & Rekan	–	3	–	–	Driven pile	2015
07	**Ciracas Sports Stadium** Jakarta OWNER Pemda Jakarta Timur · ARCHITECT PT. Jakarta Konsultindo	–	3	–	–	Driven pile	2004
08	**Nuvasa Bay Country Club** Batam OWNER PT. AFP Dwilestari · ARCHITECT PT. Airmas Asri · MEP PT. Skemanusa Consultama Teknik	8,000 m²	4	–	–	Driven pile	2016
09	**Jakarta International Stadium (JIS)** Jakarta Stadin's scope: foundation design, basic design stage · ARCHITECT JakKon + PDW + Buro Happold	–	8	–	–	Driven pile	2019
10	**Taman Ismail Marzuki Revitalisation (TIM)** Jakarta	–	–	–	–	–	–



St. Andreas Kim Tae Gon Church

Kelapa Gading, Jakarta · 2015

3 fl · driven pile · CFA 13,000 m²



St. Yakobus Church

Kelapa Gading, Jakarta · 2009

2 fl · driven pile



Matias Rasul Church

Kosambi, Jakarta · 2005

2 fl · driven pile



Sintang Cathedral

Sintang, West Kalimantan · 2015

3 fl · driven pile



Ciracas Sports Stadium

Jakarta · 2004

3 fl · driven pile



Nuvasa Bay Country Club

Batam · 2016

4 fl · driven pile · CFA 8,000 m²

SECTOR 7 OF 9



Pascal Promenade · Bandung · 3 fl · driven pile · CFA 120,000 m²

Retail & Shophouses

9	projects
265,000 m²	largest project · Mall Taman Palem
2003–2014	years

Shopping centres need generous spans, high crowd loads and efficient parking. We have engineered malls of up to 265,000 m² as well as shophouses and business lofts in Tangerang and BSD City.



Mall Taman Palem

Jakarta · 2003

8 fl · 2 basements · driven pile · CFA 265,000 m²



CBD Mall Ciledug

Ciledug · 2006

5 fl · 2 basements · driven pile · CFA 85,000 m²

Project list · Retail & Shophouses

9 PROJECTS

NO	PROJECT · LOCATION	AREA / SIZE	STOREYS	TOWERS	BASEMENT	FOUNDATION	YEAR
01	**Mall Taman Palem** Jakarta OWNER PT. Bangun Cipta Karya Perkasa · ARCHITECT Stevanus & Rekan · MEP PT. Sigmatech Tatakarsa	265,000 m²	8	–	2	Driven pile	2003
02	**Pascal Promenade** Bandung OWNER PT. Mitra Perdana Nuansa · ARCHITECT PT. Enviro-Tec Indonesia · MEP PT. Metakom Pranata	120,000 m²	3	–	–	Driven pile	2013
03	**CBD Mall Ciledug** Ciledug OWNER PT. Sari Indah Lestari · ARCHITECT Stevanus & Rekan · MEP PT. Metakom Pranata	85,000 m²	5	–	2	Driven pile	2006
04	**The Papilion** Kemang, Jakarta ARCHITECT PT. DAA	–	5	–	2	Bored pile	2005
05	**Foresta Business Loft 2 (Signature)** BSD City OWNER PT. Sinar Mas Land, Tbk · ARCHITECT PT. Airmas Asri	10,000 m²	4	–	1	Driven pile	2014
06	**Foresta Business Loft 3** BSD City OWNER PT. Sinar Mas Land, Tbk · ARCHITECT PT. Airmas Asri	19,000 m²	4	–	1	Driven pile	2014
07	**Foresta Business Loft 5** BSD City OWNER PT. Sinar Mas Land, Tbk · ARCHITECT PT. Airmas Asri	25,000 m²	4	–	1	Driven pile	2014
08	**Shophouses @ CBD Ciledug** Ciledug OWNER PT. Sari Indah Lestari · ARCHITECT Stevanus & Rekan	–	5	–	–	Driven pile	2006
09	**Shophouses @ Casa de Parco** BSD City OWNER PT. Sinar Mas Land, Tbk · ARCHITECT Sonny Sutanto Architects (SSA)	–	4	–	–	Driven pile	2013



The Papilion

Kemang, Jakarta · 2005

Retail store



Foresta Business Loft 2 (Signature)

BSD City · 2014

4 fl · 1 basement · driven pile · CFA 10,000 m²



Shophouses @ CBD Ciledug

Ciledug · 2006

5 fl · driven pile



Shophouses @ Casa de Parco

BSD City · 2013

4 fl · driven pile

SECTOR 8 OF 9



Landfill Mining & RDF Plant · Bantar Gebang, Bekasi · 22 buildings · CFA 23,000 m²

Industrial

6	projects
23,000 m²	largest project · Landfill Mining & RDF Plant
1987–2010	years

Factories need strong floors for machinery, wide roof spans and tight schedules. We have engineered factories for Japanese companies in Cibitung, a polyester plant in Bandung, a refractory plant in Cilegon and a landfill mining & RDF facility in Bantar Gebang.



NSK Warner Factory

Cibitung, Bekasi · 2008

1 fl · driven pile



Panasonic Gobel Factory

Cibitung, Bekasi · 2007

2 fl · driven pile

Project list · Industrial

6 PROJECTS

NO	PROJECT · LOCATION	AREA / SIZE	STOREYS	TOWERS	BASEMENT	FOUNDATION	YEAR
01	**NSK Warner Factory** Cibitung, Bekasi ARCHITECT PT. Indonakano	–	1	–	–	Driven pile	2008
02	**Panasonic Gobel Factory** Cibitung, Bekasi ARCHITECT PT. Indonakano	–	2	–	–	Driven pile	2007
03	**Polyfin Canggih Polyester Factory** Bandung OWNER PT. Polyfin Canggih · ARCHITECT Zimmer AG, Germany	–	7	–	–	Driven pile	1992
04	**Katsushiro Factory** Cibitung, Bekasi ARCHITECT PT. Indonakano	–	2	–	–	Driven pile	2010
05	**Indaref Refractory Plant** Cilegon OWNER PT. Indaref Refractory · ARCHITECT PT. Tripanoto Sri Konsultan	–	10	–	–	Driven pile	1987
06	**Landfill Mining & RDF Plant** Bantar Gebang, Bekasi	23,000 m² · 22 buildings	–	–	–	–	–



Polyfin Canggih Polyester Factory

Bandung · 1992

7 fl · driven pile



Katsushiro Factory

Cibitung, Bekasi · 2010

2 fl · driven pile



Indaref Refractory Plant

Cilegon · 1987

10 fl · driven pile

SECTOR 9 OF 9



High-end Residence @ Citraland · Surabaya · Site 2,100 m² · building 3,000 m²

Private Residences

7	projects
2005–2011	years

Luxury houses often include basements, pools and wide open rooms that need special structures. We have engineered houses in Menteng, Citraland Surabaya, Royal Golf Karawaci and Kelapa Gading — on shallow or driven pile foundations depending on the soil.



Residence @ Menteng

Central Jakarta · 2011

3 fl · 1 basement · shallow foundation



Residence @ Royal Golf Karawaci

Karawaci, Tangerang · 2010

1,037 m² + pool · 1 basement · driven pile

Project list · Private Residences

7 PROJECTS

NO	PROJECT · LOCATION	AREA / SIZE	STOREYS	TOWERS	BASEMENT	FOUNDATION	YEAR
01	**High-end Residence @ Citraland** Surabaya	3,000 m² · 2,100 m² site	–	–	–	–	–
02	**Residence @ Menteng** Central Jakarta ARCHITECT PT. PAI	–	3	–	1	Shallow foundation	2011
03	**Residence @ Royal Golf Karawaci** Karawaci, Tangerang ARCHITECT PT. Antara	1,037 m² + pool	2	–	1	Driven pile	2010
04	**The Kiew Garden Residence** Kelapa Gading, Jakarta OWNER PT. Summarecon · ARCHITECT Stevanus & Rekan	–	4	–	1	Driven pile	2005
05	**Premier Pavilion** Cengkareng, Jakarta ARCHITECT PT. Antara	1,426 m²	2	–	–	Driven pile	2007
06	**Residence @ Pejaten** South Jakarta ARCHITECT PT. Antara	853 m² incl. pool	2	–	–	Driven pile	2007
07	**Residence @ Panglima Polim** South Jakarta OWNER Bank Indonesia · ARCHITECT PT. Antara	–	2	–	1	Driven pile	2007



The Kiew Garden Residence

Kelapa Gading, Jakarta · 2005

4 fl · 1 basement · driven pile



Premier Pavilion

Cengkareng, Jakarta · 2007

1,426 m² · 2 fl · driven pile



Residence @ Pejaten

South Jakarta · 2007

853 m² incl. pool · 2 fl · driven pile



Residence @ Panglima Polim

South Jakarta · 2007

2 fl · 1 basement · driven pile

07 · FEATURED PROJECTS — SIX PROJECTS, SIX KINDS OF CHALLENGE



BSD Skyhouse

Residential Towers & Mixed-Use · BSD City

Floor area	585,000 m²
Storeys	30
Towers	12 towers
Foundation	Bored pile
Year	2017
Stadin's scope	Structural design

CHALLENGE

Twelve 30-storey towers in one development. In a tall building, every kilogram of structure is repeated on every floor.

STADIN'S APPROACH

Superstructure and bored pile foundations were designed by one team, so loads are followed from column to foundation as one system.

PROJECT TEAM

OWNER
PT. Sunny Garden Property

ARCHITECT
PT. Megatika Graha Lestari International

MEP
PT. Rayosa Cipta Mandiri



The Southgate Residence

Residential Towers & Mixed-Use · Jakarta

Floor area	240,000 m² · 5.4 ha site
Storeys	8 (mall) · 24, 26 & 29 (apartments) · 19 (office)
Towers · Basements	5 towers · 3 basements
Foundation	Bored pile
Year	2014
Stadin's scope	Structural design

CHALLENGE

An 8-storey mall, three apartment towers of 24–29 storeys and a 19-storey office stand above a three-level basement on a 5.4 ha site.

STADIN'S APPROACH

Bored pile foundations and basements were designed together with the superstructure, so foundation and structure were linked from the start.

PROJECT TEAM

OWNER
PT. Duta Semesta Mas (Sinarmas Land)

ARCHITECT
PT. Airmas Asri

MEP
PT. Metakom Pranata

07 · FEATURED PROJECTS



House of Representatives (DPR 02)

Government & Office · Nusantara (IKN)

Floor area	116,700 m²
Stadin's scope	Structural design

CHALLENGE

The largest of the five government buildings Stadin engineered in Nusantara (IKN): 116,700 m².

STADIN'S APPROACH

Designed to current Indonesian seismic and concrete codes (SNI), with clear, buildable drawings and reinforcement details.



National Brain Centre Hospital (RS PON)

Healthcare · Jakarta

Floor area	90,000 m²
Stadin's scope	Structural design

CHALLENGE

Hospitals are Risk Category IV buildings under SNI 1726: they must remain operational after an earthquake.

STADIN'S APPROACH

The structure of this 90,000 m² hospital was designed for that risk category, from superstructure to foundations.

07 · FEATURED PROJECTS



Four Jakarta–Bandung High-Speed Rail Stations

Jakarta · Karawang · Walini · Tegalluar

Halim	57,000 m²
Tegalluar	60,000 m² · 3 storeys · 2019
Walini	24,000 m² · 2 storeys · 2019
Karawang	22,000 m² · 3 storeys · 2019
Stadin's scope	Structural design

CHALLENGE

Station roofs are long-span structures, which call for careful analysis of deflection, vibration and connections.

STADIN'S APPROACH

Stadin engineered the structures of all four stations; at Tegalluar, Walini and Karawang the foundations combine driven and bored piles.

PROJECT TEAM

OWNER
PT. KCIC

ARCHITECT
Megatika International

MEP
Rayosa Cipta Mandiri



Tangram Hotel & Sadira Plaza

Hospitality · Pekanbaru

Floor area	28,000 m²
Storeys	15 (hotel) · 5 (mall)
Towers · Basements	2 towers · 2 basements
Foundation	Bored pile
Year	2013
Stadin's scope	Structural design

CHALLENGE

A 15-storey hotel sits above a 5-storey mall, so guest-room column loads must be carried through a transfer structure.

STADIN'S APPROACH

Two towers over a two-level basement on bored piles; structural and geotechnical design by one team.

PROJECT TEAM

OWNER
PT. Halla Mohana

ARCHITECT
PT. Pandega Desain Weharima (PDW)

MEP
PT. Meltech Consultindo

08 · HOW WE WORK & STANDARDS

From architectural drawings to support on site

01	Share project data	Architectural drawings, location, number of floors.
02	Scope & fee proposal	Stages, schedule and deliverables.
03	Design & calculation	Superstructure, foundations, basements.
04	Construction support	Drawing clarifications and site RFIs.

STANDARDS WE DESIGN TO

Current Indonesian National Standards (SNI) for seismic, concrete and steel design, with international references where relevant.

SNI 1726	Seismic design of buildings
SNI 2847	Structural concrete for buildings
SNI 8460	Geotechnical design requirements
SNI steel	Current SNI standard for structural steel
PP 16/2021	Building regulation: building approval (PBG) and the SLF certificate

FREQUENTLY ASKED QUESTIONS

What does a structural consultant do?

A structural consultant designs and calculates the load-bearing system of a building — foundations, columns, beams, slabs and roof — so it stays safe under gravity, wind and earthquake loads, and produces the drawings contractors build from.

Can you assess an existing building for SLF?

Yes. Our President Director holds SKK certification as a Building Functionality Appraiser and a Building Failure Appraiser. Contact us to discuss structural assessments for a new or renewed SLF.

Do you work with contractors and architects?

Yes. We work with owners, architects and contractors from concept design to construction support, including drawing clarifications and site RFIs.

09 · CONTACT

Start a project

Send us your architectural drawings or project brief. Our engineers will get back to you with scope, schedule and fee.

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02
Scope & fee proposal
Stages, schedule and deliverables.

03
Design & calculation
Superstructure, foundations, basements.

04
Construction support
Drawing clarifications and site RFIs.

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