

**COMPANY  
PROFILE  
2019**



**KAIZEN  
ENJINIRING  
NUSANTARA**



**Telecommunication  
Engineering Survey Report**



**KAIZEN  
ENJINIRING  
NUSANTARA**



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# Introduction

## PT. Kaizen Enjiniring Nusantara

An engineering consultant concerned in Telecommunication and Engineering Survey Report. Our commitment to get results the right way, by operating responsibly, executing with excellence, applying innovative technologies and capturing new opportunities for profitable growth. We are involved in virtually every facet of Services Company.

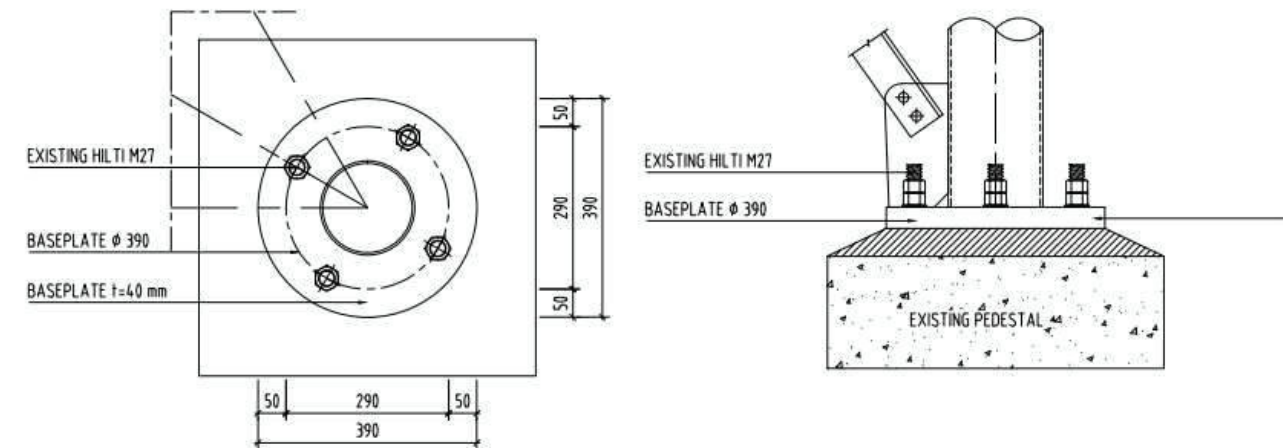
### Motto

Expert, On Time Delivery, and Service Excellence is our dedication for customer satisfaction, and the better value of work, health work environment will influence whatever we do for the best in services.

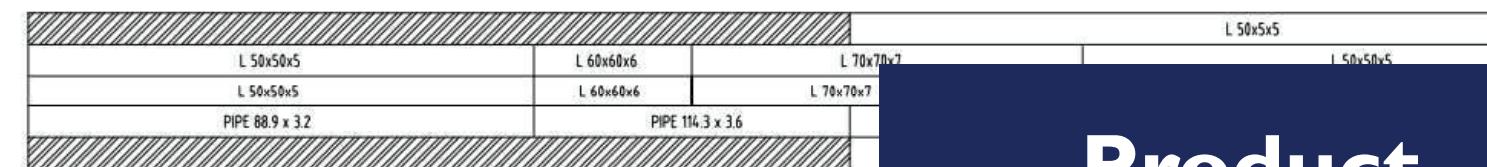
### Focus

We're establish as consultant company to give best advice in the field of property, structure assessment, and telecommunications, to be more efficient and effective for the growth and safety.

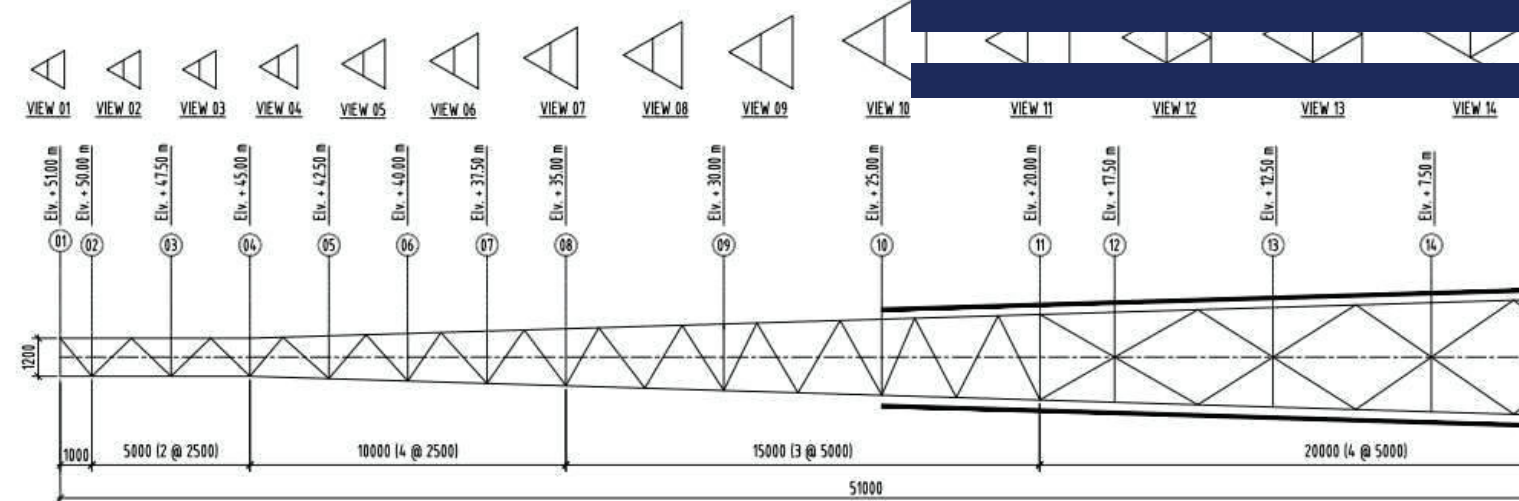
- Telecommunication
- Engineering Survey Report



DETAIL EXISTING BASEPLATE  
SCALE 1:10



# Product



OUTLINE EXISTING TOWER  
NOT TO SCALE



# Engineering Survey Report

## Survey

- Collocation Survey
- Tower Modification Inspection
- Tower Integration Inspection
- Mini Audit
- Operational and Maintenance Survey
- Soil Test
- Coring Test
- Hammer Test
- Rebar Scan
- CME Survey
- Engineering Survey

## Telecommunication

### Project

- Collocation (Rooftop and Greenfield) Project
- Microcell Pole (MCP) Project
- Build to Suit (B2S) Project
- Purchased Project
- Strengthening (Tower, Building, and Foundation) Project

### Drawing

- As Plan Drawing
- As Built Drawing
- Shop Drawing
- Erection Drawing
- Strengthening Drawing
- 3D Drawing

### Design

- Tower Design
- Concrete and Steel Pole
- Building Design
- Foundation Design
- Stacking Shelter
- Camouflage
- Modification Tower
- Counter Weight
- Minaret
- Retaining Wall
- Justification
- Baseframe
- Mounting







Experience

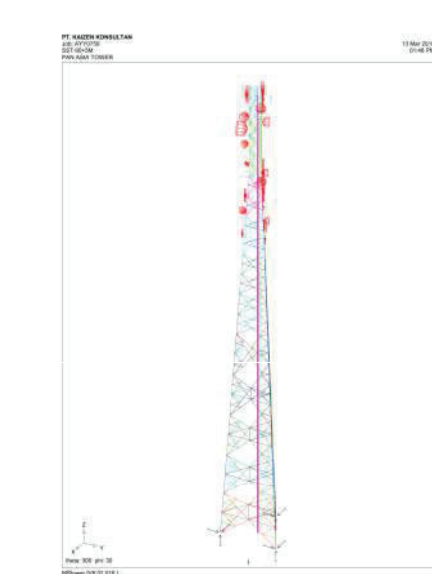
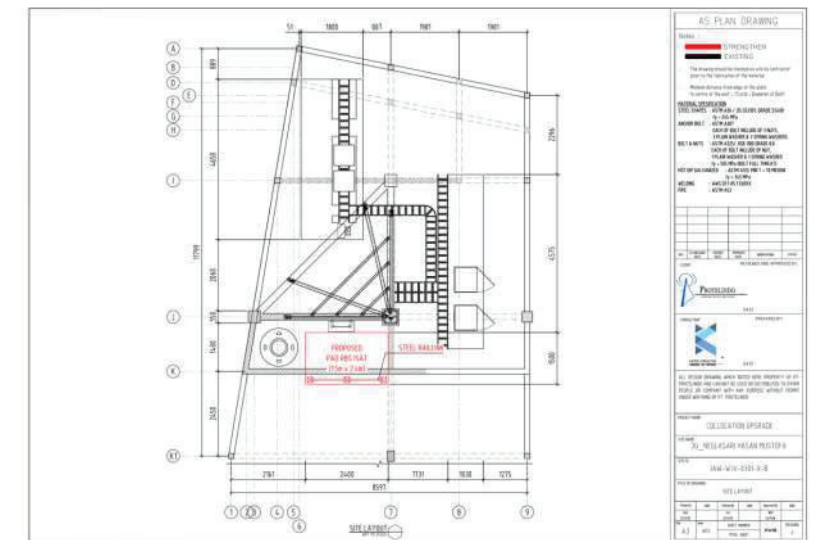
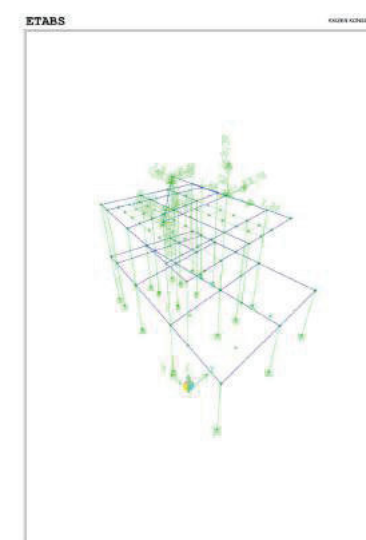
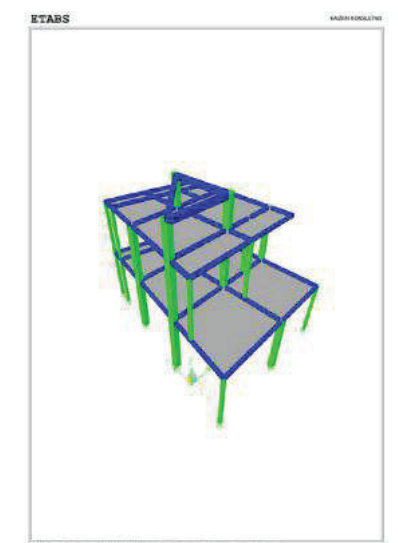
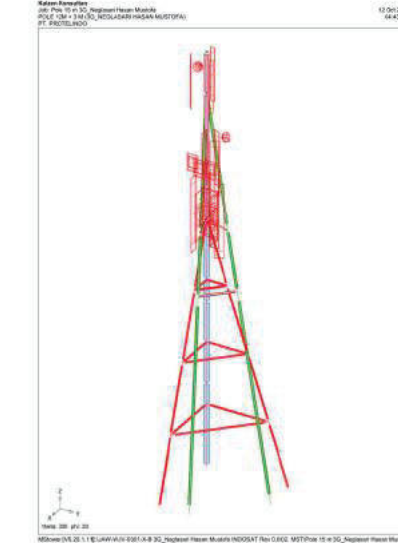
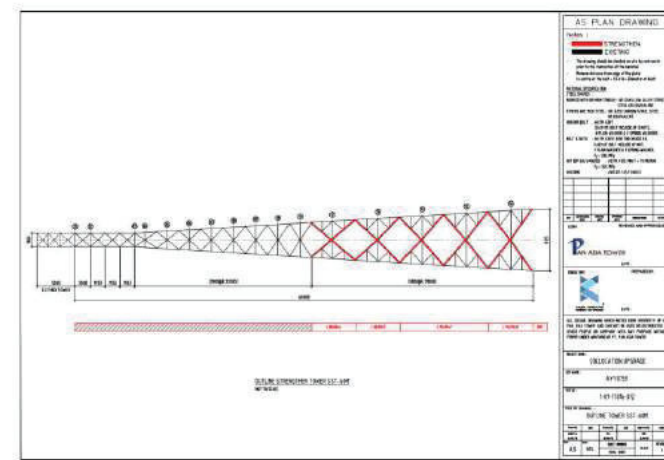
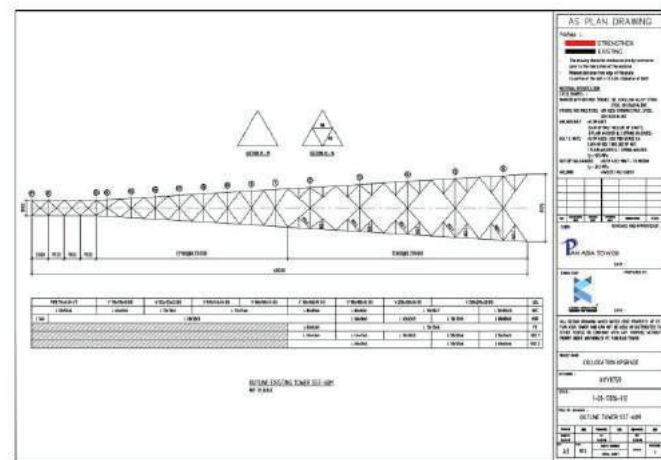
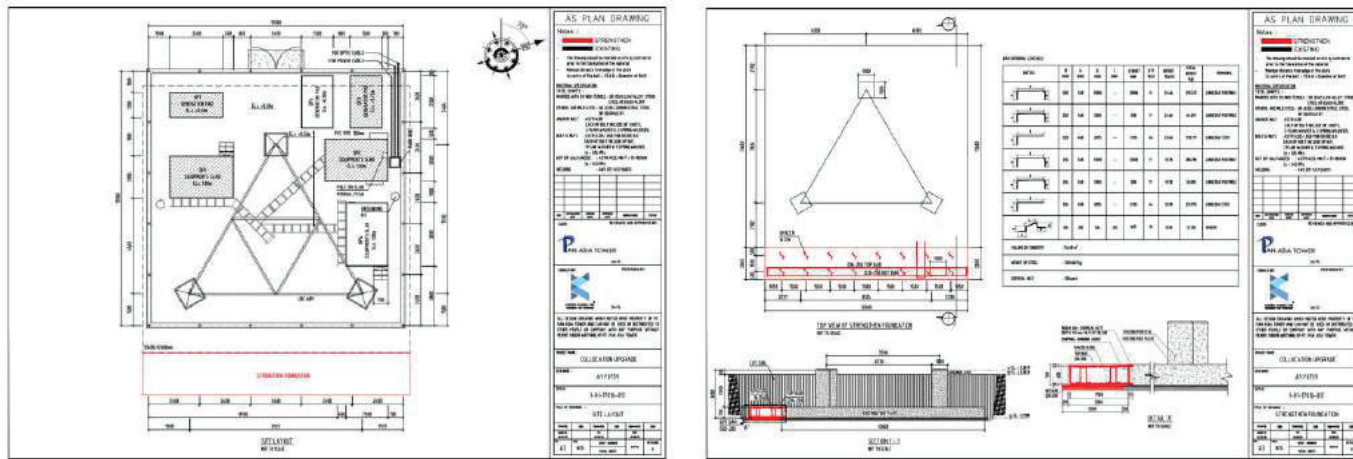




## Telecommunication

1. **PT. Protelindo** - Survey, Soil Test, Collocation Rooftop and Greenfield, Tower Modification Inspection, Building and Tower Assessment 2014 – Now
2. **PT. Inti Bangun Sejahtera** - Survey, Soil Test, Collocation Rooftop and Greenfield, New Design Project, Tower Assessment 2014 – Now
3. **PT. Lasmana Swasti Prashida** - Survey, Soil Test, Collocation Rooftop and Greenfield, New Design Project, 2014 – Now
4. **PT. Persada Sokka Tama** - Survey, Soil Test, MCP Project, Modification Tower, Foundation Justification, New Design Project, Building and Tower Assessment 2014 – Now
5. **PT. Anugerah Communication** - Survey, Soil Test, Collocation Rooftop and Greenfield, New Design Project, 2014 – Now
6. **Pan Asia Majestic Eagle - Myanmar** - Desktop Analysis Collocation Greenfield, 2017 – Now
7. **PT. Vitramma Communication** - Survey, Soil Test, Collocation Rooftop and Greenfield, 2014 – Now
8. **PT. Infrastruktur Bisnis Sejahtera** - Survey, Soil Test, Collocation Rooftop and Greenfield, 2014 – Now
9. **PT. Bali Tower** - Tower and Foundation Design, 2016 - Now
10. **PT. Sarana Utama Karya** - Soil Test, Tower and Foundation Design 2014 - Now
11. **PT. Putra Persada Telco** - Soil Test, Tower, Stacking, and Foundation Design 2014 - Now
12. **PT. Palka sarana Utama** - Tower and Foundation Design 2014
13. **PT. ReTower** - Pole and Building Design 2014
14. **PT. Panen Karya** - Foundation Design 2014
15. **PT. Sinergi Layanan Integrasi** - Baseframe and Rooftop Design 2014 - 2015
16. **PT. Sinergi Tiga Menara** - Survey and Tower Analysis 2014 - 2015
17. **PT. Komet Infra Nusantara** - Survey, Soil Test, Collocation Rooftop and Greenfield, New Design Project, Building and Tower Assessment 2015 – Now
18. **PT. Iforte Solusi Infotek** - Survey, Soil Test, Collocation Rooftop and Greenfield, MCP Project, 2015 – Now
19. **PT. Mitratel** - Soiltest, Foundation Design , Design MCP 2015 – Now
20. **PT. SAP** - Survey, Soil Test, Collocation Rooftop and Greenfield, MCP Project 2015 – Now

21. **PT.STP** - Survey, Collocation Rooftop and Greenfield 2018
22. **Malkom - Malaysia** - Erection Drawing DTI500-4L-60m 2017 - Now
23. **PT. Java Indoku** - Tower and Foundation Design 2014 - Now
24. **PT. Corona Telecommunication** - Survey, Soil Test, Collocation Rooftop and Greenfield, 2014 – Now
25. **PT. Berca** - Tower and Foundation Design, 2016 - Now
26. **PT. Ericsson** - Project XL , Survey, Collocation Greenfield and Rooftop, 2016 - Now
27. **PT. Jakpro** - Soil Test, Survey, Foundation Design, Assessment 2017 - Now
28. **PT. Pekape** - Soil Test, Survey, B2S Greenfield and Rooftop 2016 - Now
29. **PT. Triview Geospatial Mandiri** - Soil Test and Design Pack 2017 - Now
30. **PT. Daya Guna Karsa** - Design Pack, 2017



**CRITERIA OF FOUNDATION DESIGN**

The foundation design / analysis tolerances are :

- Overturning Moment = Minimum 1.5
- Sliding Force = Minimum 1.5
- Uplift Force = Minimum 1.5
- Friction Factor = 0.5

Strength reduction factor for foundation are :

- Bending Tension = 0.8-0.9
- Axial = 0.8-0.9
- Compression I = 0.7-0.85
- Compression II = 0.7-0.85
- Shear and Torsion = 0.75-0.8
- Reinforcement = 1.05
- Flexure = 1.5
- Shear Strength without Shear Reinforcement = 1.25

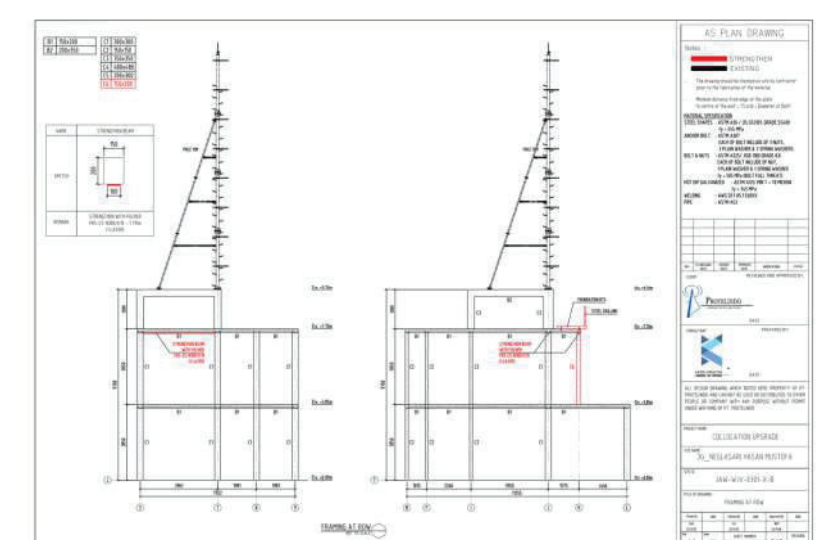
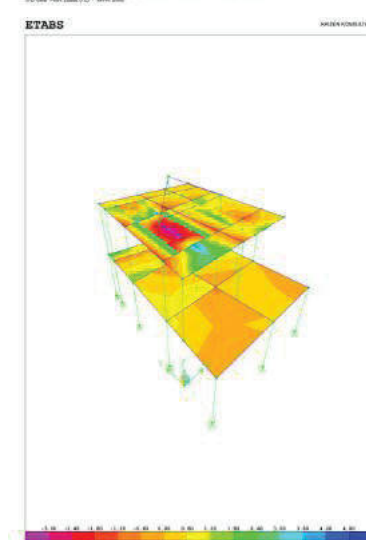
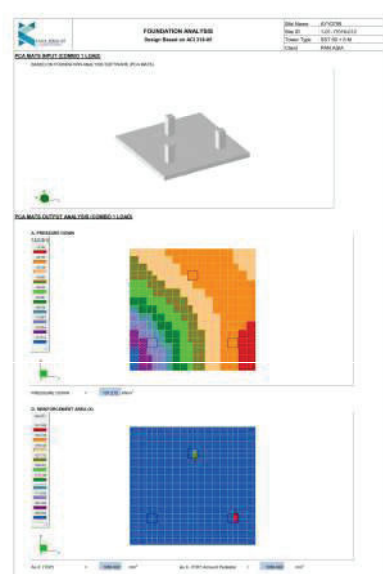
**LOAD DATA**

**COMPRESS**

Node	FX	FY	FZ	MX	MY	MZ
1900	73.160	77.277	837.770	0.674	-0.241	0.636
1915	48.624	-73.170	779.321	-0.805	-0.260	-0.234
1925	-236.100	0.667	1901.960	-0.008	1.467	0

**UPLIFT**

Node	FX	FY	FZ	MX	MY	MZ
1900	71.530	81.681	869.742	-0.945	0.533	-0.509
1915	67.884	78.483	835.522	0.88	0.168	0.307
1925	187.729	-0.822	1528.49	0.01	-1.139	-0.001





## Other Experiences (Non Telco)

1. **PT. Siloam International Hospitals** – Building Assessment RS Siloam Medika Samarinda - Kalimantan 2017
2. **PT. Siloam International Hospitals** – Building Assessment Hotel Barito Shinta and Hospital Design Palangkaraya - Kalimantan 2017
3. **PT. Siloam International Hospitals** – Building Assessment Hermes Palace Mall Banda Aceh 2017
4. **PT. Siloam International Hospitals** – Building Assessment RSU Sjachriel Darham Banjarmasin - Kalimantan 2017
5. **PT. Nusantara Surya Sakti** – Survey Assessment and Strengthening Structure Analysis Showroom Motor Aceh Darussalam 2017
6. **PT. Vitrama Property** - Workshop Design Bangka 2017
7. **PT. Java Indoku** – Design Membrane Canopy Tangerang 2017
8. **PT Nohara Alta** - Foundation and Building Assessment for Pre-Cast Concrete Workshop Bekasi 2016
9. **PT.ASDP Indonesia Ferry** - Foundation Design for Navigation Tower Lombok 2016
10. **PT. Persada Sokka Tama** - Coring Test Ruko Celebration Boulevard Bekasi 2016
11. **PT. Persada Medika** - Building Assessment – Roof Garden RS. Jati Rahayu Bekasi 2016
12. **PT. SEM Sejahtera** - Beacon Tower Design 2016
13. **KPU Bea Cukai** - Tower and Foundation Design for Navigation Tower Kepulauan Riau 2015
14. **PT. Vitrama Property** - Retaining Wall Stone Crusher Assessment Pulau Bangka 2015
15. **PT. Vitrama Property** - Conveyor Structure Strengthening for Stone Crusher Pulau Bangka 2015
16. **PT. Daya Guna Karsa** - Steel Building Design for Office Jakarta 2015
17. **PT Ciputra Sentra** - Building Assessment Mall Ciputra Jakarta 2014

PT. Siloam International Hospitals – Building Assessment RS Siloam Medika Samarinda - Kalimantan 2017

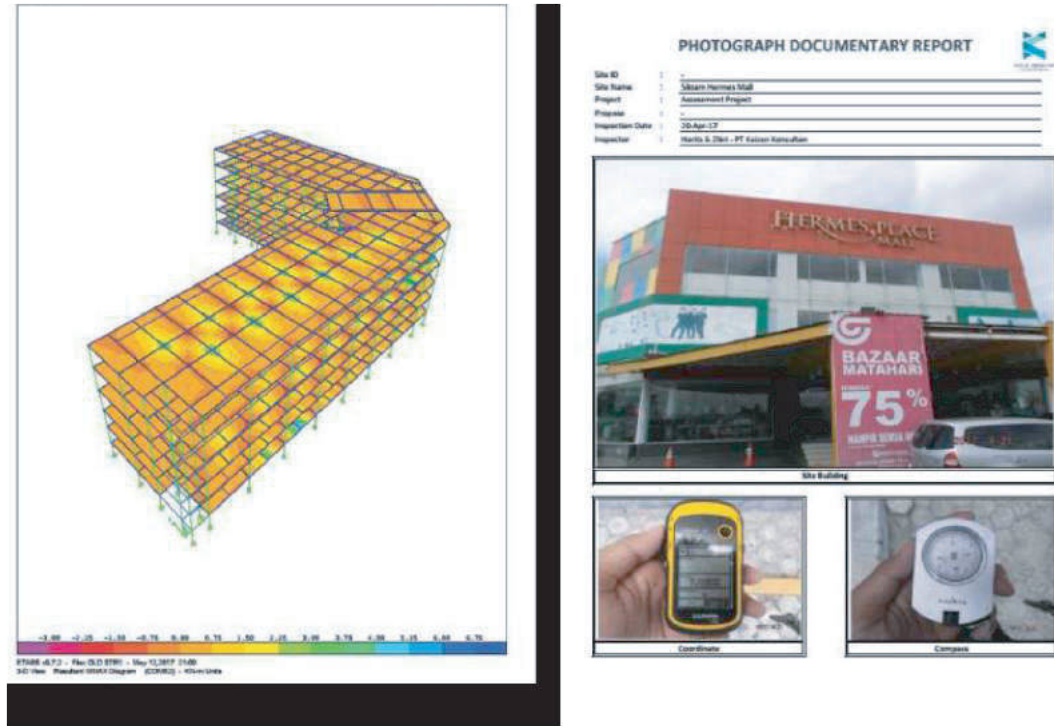


PT. Siloam International Hospitals – Building Assessment Hotel Barito Shinta and Hospital Design Palangkaraya - Kalimantan 2017





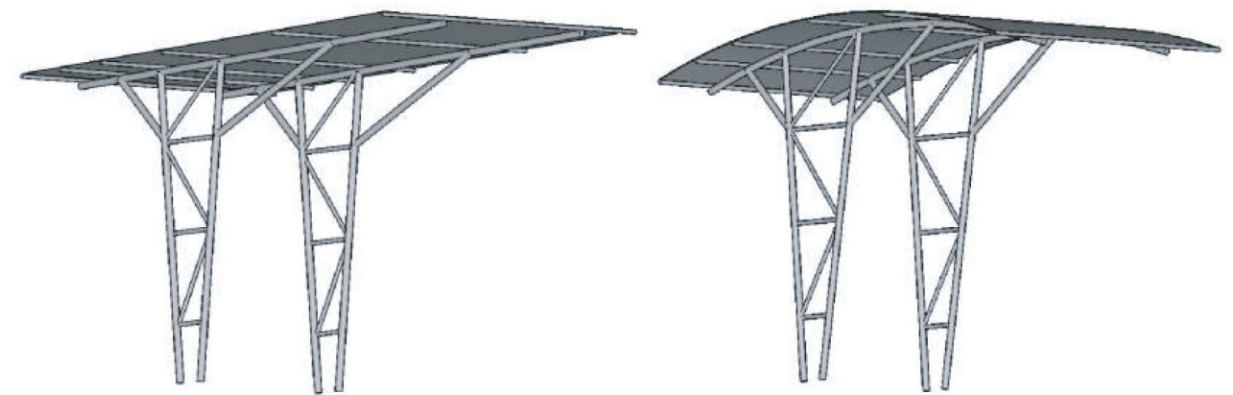
PT. Siloam International Hospitals – Building Assessment Hermes Palace Mall  
Banda Aceh 2017



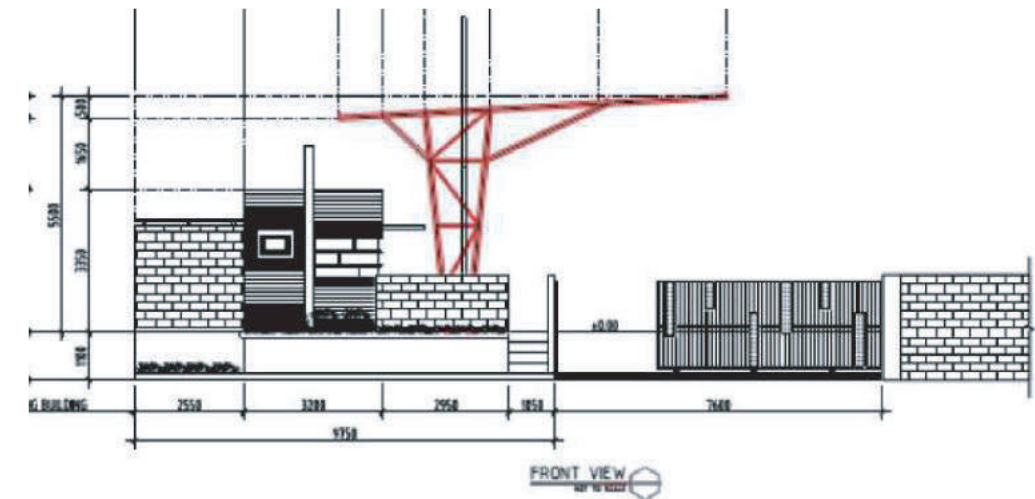
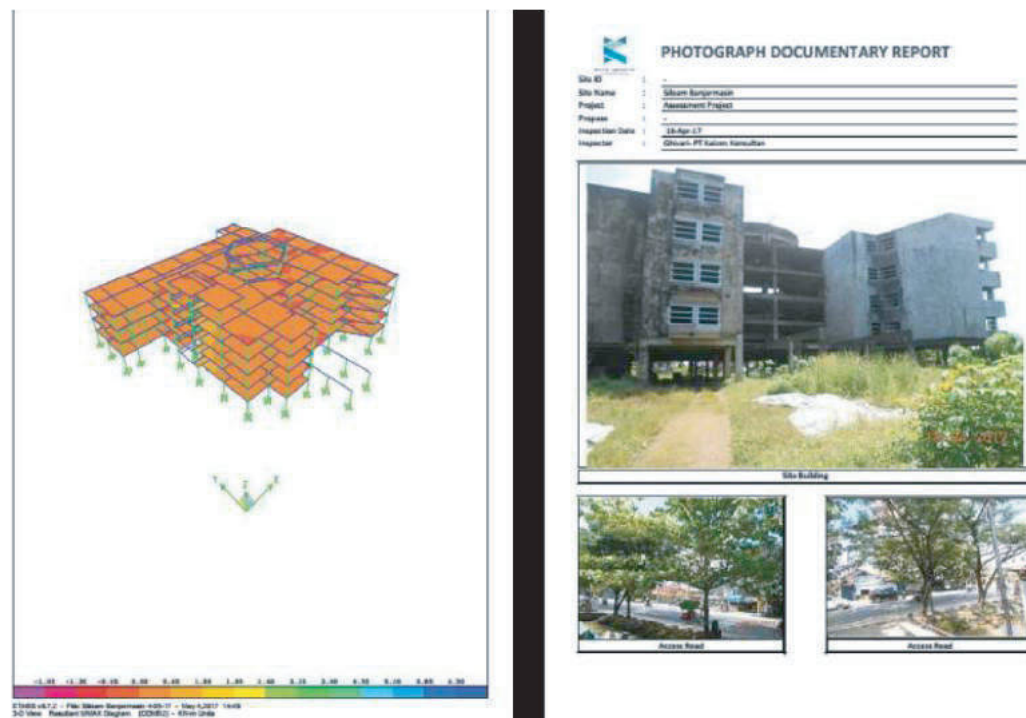
PT. Nusantara Surya Sakti – Survey Assessment and Strengthening Structure  
Analysis - Showroom Motor Aceh Darussalam 2017



PT. Java Indoku – Design Membrane Canopy Tangerang 2017



PT. Siloam International Hospitals – Building Assessment RSU Sjachriel Darham  
Banjarmasin - Kalimantan 2017

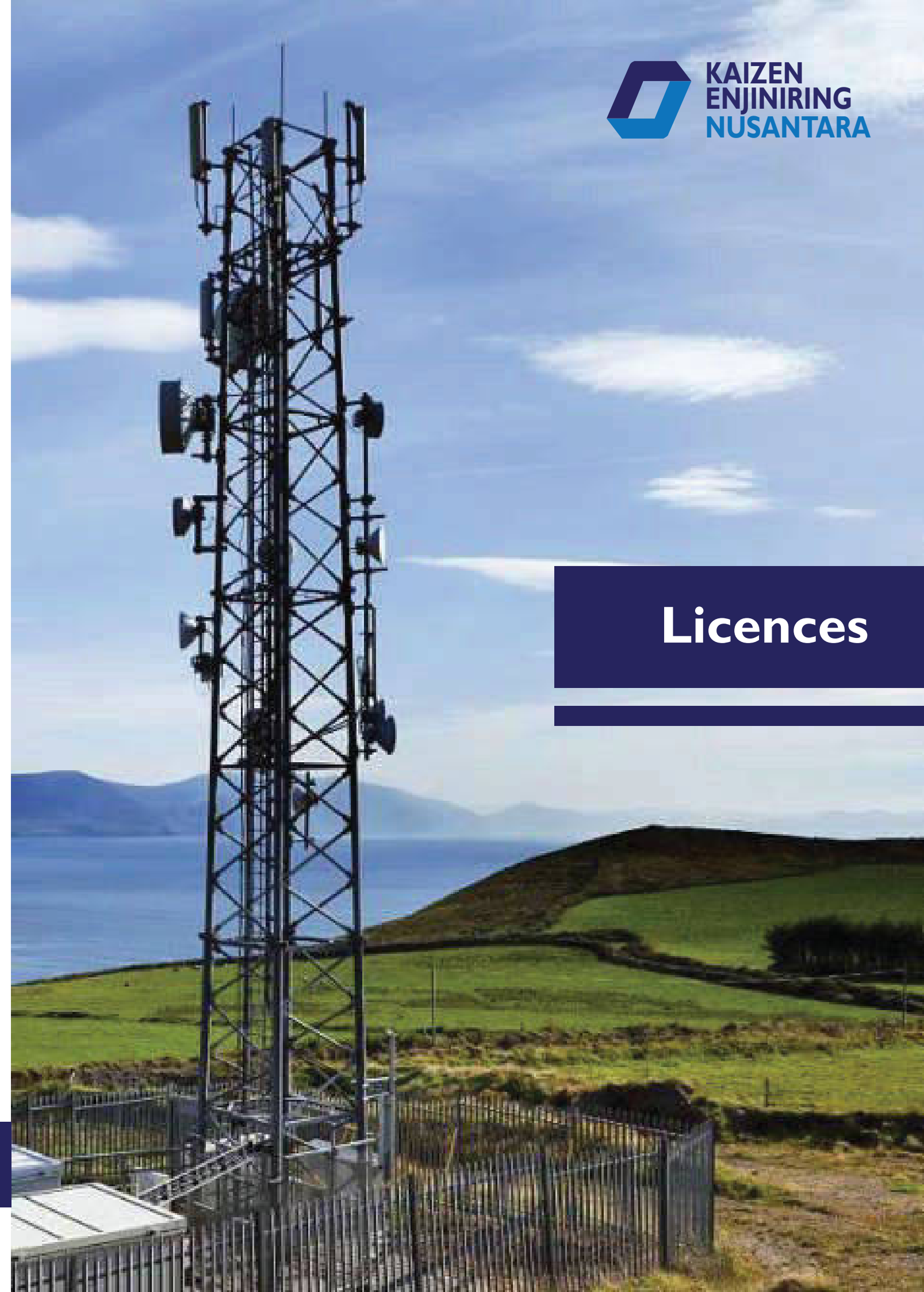




PT. Persada Sokka Tama - Coring Test Ruko Celeb Boulevard Bekasi 2016



PT. Persada Medika - Building Assessment – Roof Garden RS. Jati Rahayu Bekasi 2016



# Licences



# MS Tower



www.bentley.com

### Site Information

PT. Kaizen Konsultan  
Komplek Ruko Puri Botanical,  
Kembangan,  
JAKARTA BARAT 11640  
INDONESIA

Contact Name Subhan  
Telephone (021) 5890 6419  
Email [subhan@kaizenkonsultan.co.id](mailto:subhan@kaizenkonsultan.co.id)

### Order Information

Order Number 45082522  
Customer PO Number Signed  
Customer Number 1005356309  
Date 05 JUL 18 02:40

# Autocad

Site Date: 06-09-2016 02:06:04

Phone: 561-52649111

Key: 05711

Maximum Concurrent  
Authorized Users: 1

Order #: 5127019750

E-Mail: [subhan@kaizenkonsultan.co.id](mailto:subhan@kaizenkonsultan.co.id)

Phone:

Description: Autodesk AutoCAD LT 2017 Non-  
Language Specific  
Product Name: Non-Language Specific

Material #: 05711-WW9087-L536

Status: New

Product Type: Commercial Product

Term: Term Extendable

Type: Standalone

PT. KAIZEN KONSULTAN  
Ruko Botanical Blok H-9 No. 19  
Jl. Meruya Selatan Kel. Joglo  
Jakarta 11640  
Indonesia

Supporting Reseller/Dealer:  
PT Tekno Logika Utama  
Jl Tanjung Duren Raya Kav 351-B

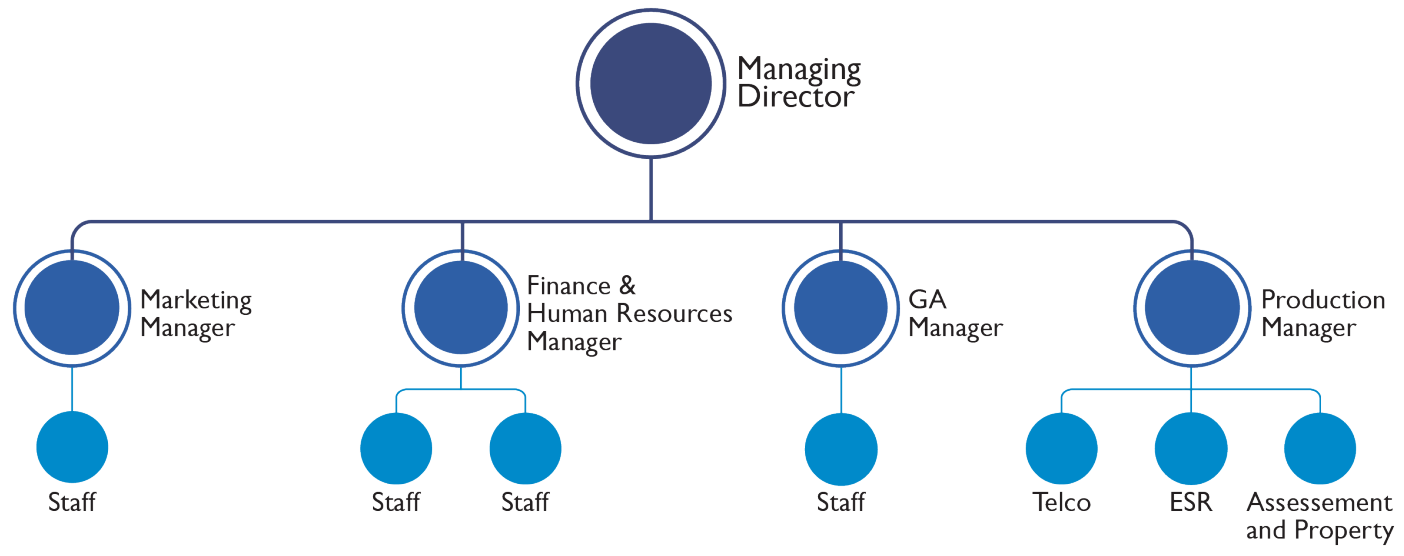
Jakarta Barat 11470  
Indonesia

# Human Resources

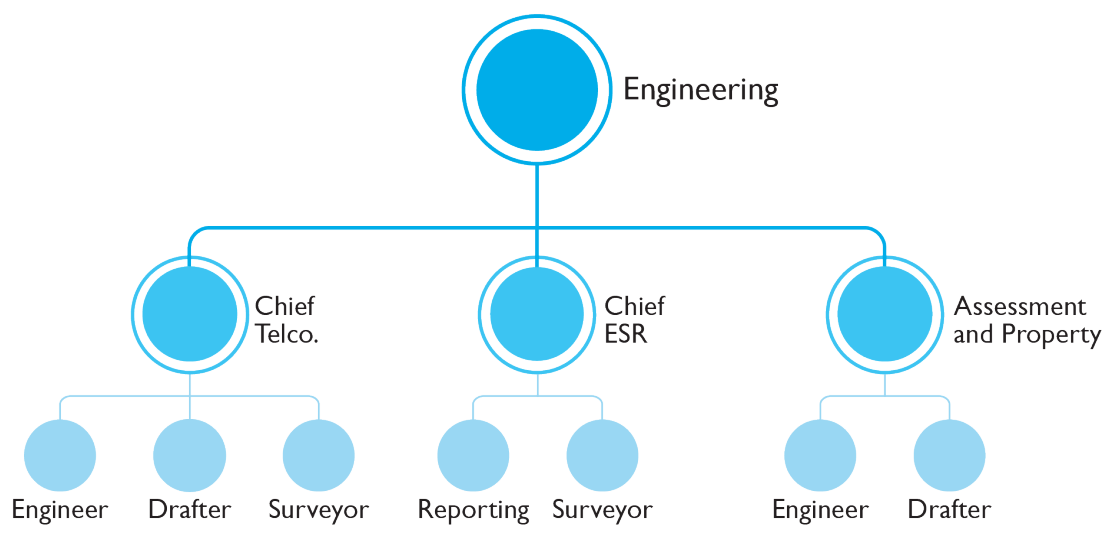


# Human Resources

## Board of Director



## Team Structure



Legal





# KAIZEN ENJINIRING NUSANTARA

1. Akte Pendirian Perseroan Terbatas
2. Akte Perubahan Nama Perusahaan PT Kaizen Konsultan menjadi PT Kaizen Enjiniring Nusantara
3. Keputusan Menteri Hukum Dan Hak Asasi Manusia Republik Indonesia No.AHU-53830.AH.01.01
4. Keputusan Menteri Hukum Dan Hak Asasi Manusia Republik Indonesia No.AHU-0941800.AH.01.02
5. Keputusan Menteri Hukum Dan Hak Asasi Manusia Republik Indonesia No.AHU-AH.01.03-0001854
6. Keputusan Menteri Hukum Dan Hak Asasi Manusia Republik Indonesia No.AHU-0012994.AH.OI.02
7. Surat Izin Usaha Perdagangan (SIUP) No. 2361/24.I.0./31.73/I.824.271/2015
8. Tanda Daftar Perusahaan Perseroan Terbatas No. 09.02.I.70.53208
9. Kartu Tanda Anggota No. 0434/KTA-JABAR/V/2019 perkindo
10. Surat keterangan Domisili Perusahaan No.503/71/III/2019
11. Sertifikat Badan Usaha Jasa Perencana Konstruksi 1 - 3276 - 02 - 086 - 1 - 10 - 988918
12. Izin Usaha Jasa Konstruksi Kegiatan Usaha Jasa Perencana Konstruksi No. I-3174-2-00073-909646
13. Sertifikat Keahlian - Nuh Akbar - MADYA 1.2.201.2.148.04.1021572 LPJK - IAKI
14. Sertifikat Keahlian - M. Harits - MUDA No. 1.2.201.3.076.09.1077840 LPJK - IAKI





PT. Kaizen Konsultan Member of



Ruko Palem Ganda Asri  
No. 13 Jl. Meruyung Raya  
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