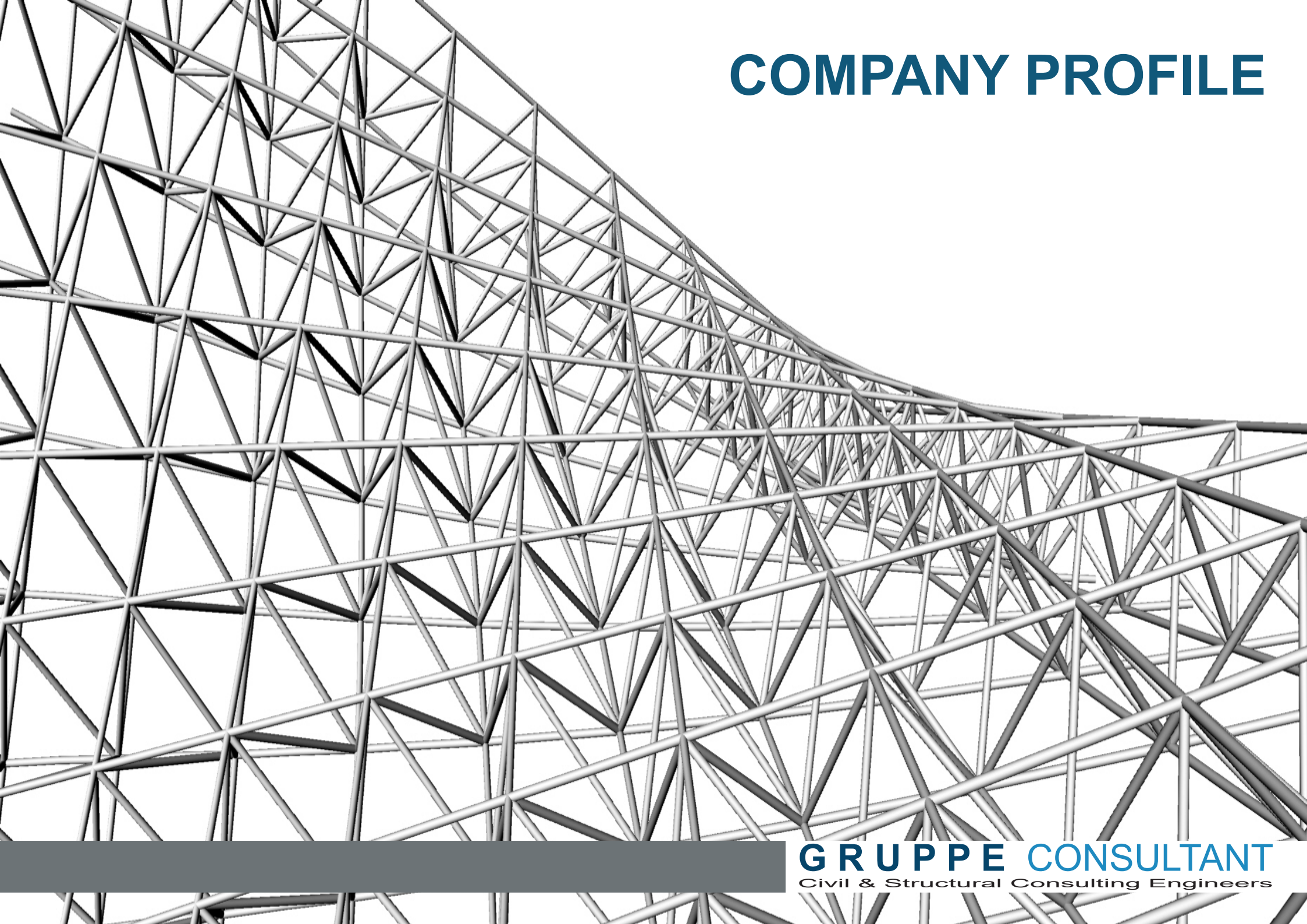




COMPANY PROFILE

GRUPPE CONSULTANT
Civil & Structural Consulting Engineers

CORPORATE INFORMATION

GRUPPE CONSULTANT is a Civil and Structural engineering consultant who practices a cycle of engineering process. We are practiced conceptual design (3D modelling), Structural Analysis and Design, Infrastructural design, Parametric design, Shop drawings preparation, fabrication, erection and Project Management.

These practised as stated are involved in civil and structural industries, building facade, building performance and construction field support services.

GRUPPE CONSULTANT registered with Board of Engineers Malaysia (BEM) and Ministry of Finance (MOF).

ADDRESS & CONTACT

16-25 PLAZA AZALEA
PERSIARAN BANDAR RAYA, SEKSYEN 14
40000 SHAH ALAM
SELANGOR, MALAYSIA

T +603 5523 9990
E gruppeconsultant@gmail.com

DATUK Ir. HJ WAN NAZRI BIN HJ WAN ARIA 019 202 2483
Ir. AZIZI BIN AHMED 011 2820 9185

PARTNERSHIP

Datuk Ir. Hj. Wan Nazri Hj. Wan Aria DPSM MSc.Structure, Stuttgart, MIEM, P Eng

Born on 7th July 1980 in Malacca and grew up in Kuala Lumpur, Malaysia. He graduated in 2002 in B.Eng (Hons) Civil Engineering from MARA University of Technology. He gained project management and consultancy knowledge from 2002 to 2005 with local firm in Malaysia. In year 2005 to 2007, he continued his Master study in Structural Mechanic at the University of Stuttgart, Germany. He had 13 years experiences in Professional Engineering Industries included in Malaysia (4 years), Europe (7 years) and Middle East (2 years).

Ir. Azizi Bin Ahmed B.Eng (Hons) Civil, UiTM, MIEM, P Eng

Born on 31th August 1978 in Penang. He graduated in 2005 in B.Eng (Hons) Civil Engineering from MARA University of Technology. He start practicing as structural engineer with established local consulting firm from 2006 and gained his professional engineer status in 2012. He experience in structural design of both steel and concrete structure and also both low rise and high rise buildings.

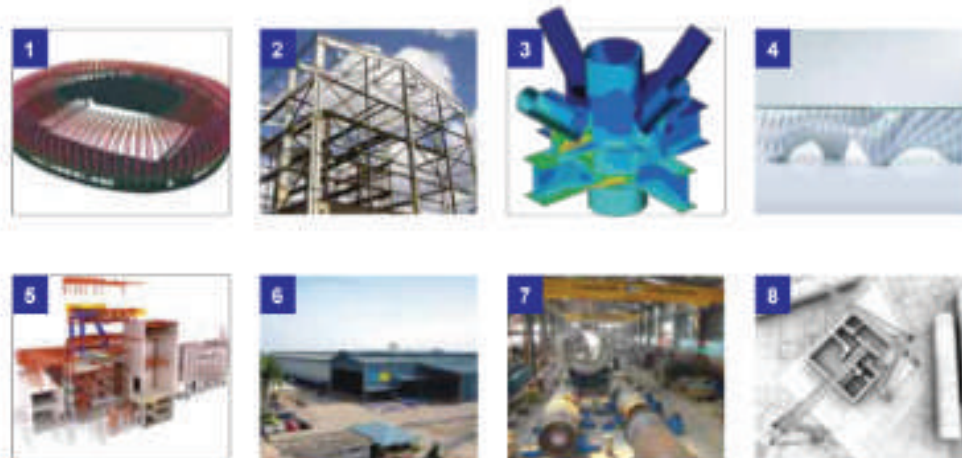
ASSOCIATE GROUP

1. Universiti Teknologi MARA, Malaysia
2. Universiti Malaysia Pahang, Malaysia
3. MMC Tepat Teknik, Malaysia
4. MMC Engineering & Services, Malaysia
5. Melewar Integrated Engineering, Malaysia
6. Englesmann & Peter, Stuttgart, Germany
7. SL Rasch GmbH, Germany
8. AJSR Arkitek, Malaysia
9. GDP Arkitek, Malaysia
10. WH Vector Sdn Bhd

OUR SERVICES

We provide highly distinguished world class design technology services combined with classic structural engineering expertise, delivering the best in class product and services.

We have talented and competent associated group at local and international for engineering, fabrication, construction and erection. We practice multidiscipline for engineering solution.



Our Experties:

- | | |
|----------------------------------|------------------------------------|
| 1 Professional Design Conceptual | 5 Shop Drawing Preparation |
| 2 Modeling & Structural Analysis | 6 Steel Structures Fabrication |
| 3 Detailing and Analysis | 7 Installation of Steel Structures |
| 4 Parametric Design | 8 Project Management & Consultancy |

What We Guarantee :

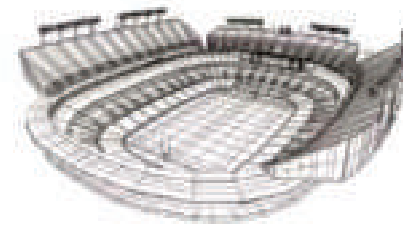
- Cost-optimized structural design using parametric design based on our in-house experts with design development.
- Innovative value engineering design of the projects on which you are requested.
- High quality data conversion between a range of BIM software products and custom solutions.
- Rapid quantity survey, detailing and shop drawings based on 3D model developed.
- Satisfaction - Quality control from design conceptual to the execution process.

PROFESSIONAL DESIGN CONCEPTUAL

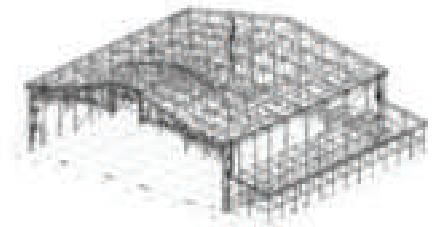
We collaborate with architects, owners and builders to develop intellect structural solutions in order to accomplish the demands of the most technically challenging projects – from design of new services to renovations and conversions of iconic structures.

Our structural solutions balance with multiple objectives :

- Structures Form
- Functionality of the structures
- Scheduling requirements
- Sustainability
- Constructability
- Costing



Stadium



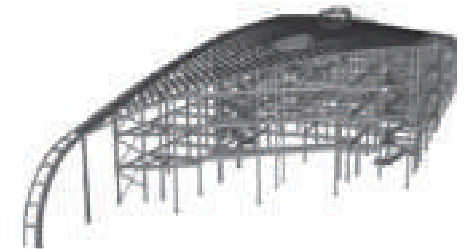
Industrial



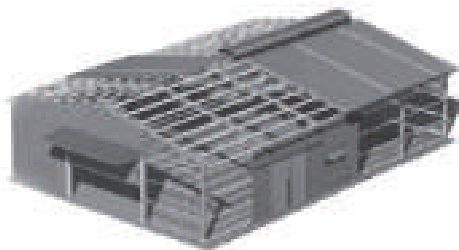
Commercial



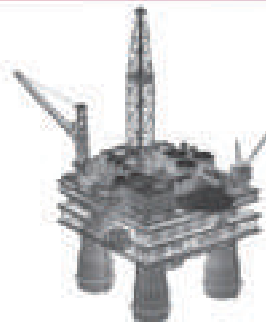
Residential



Cladding



PEB



Offshore

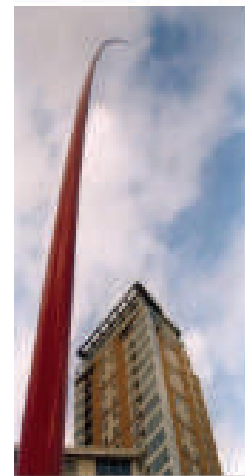
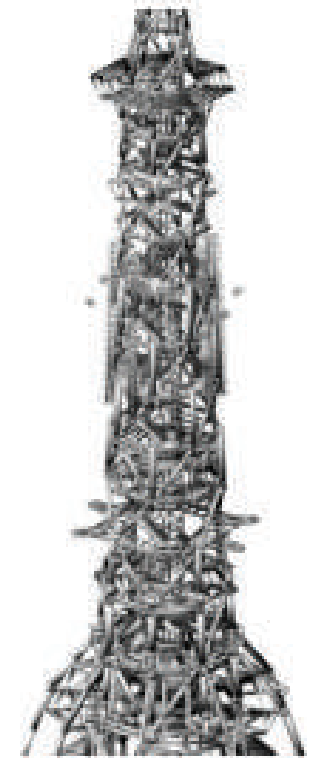
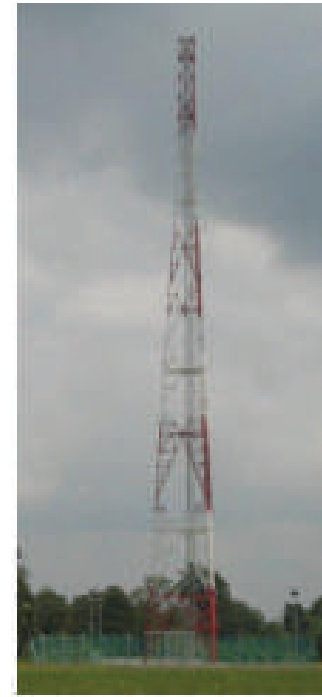
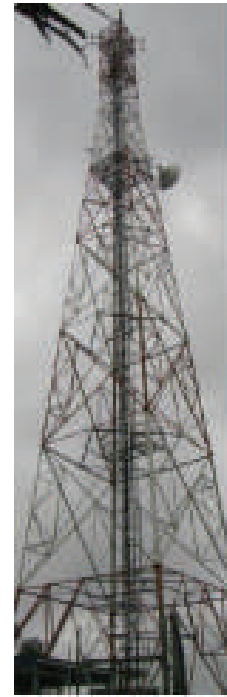
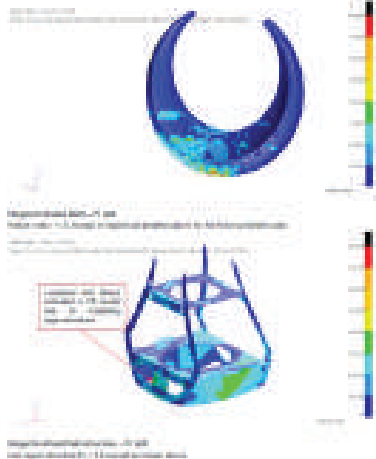
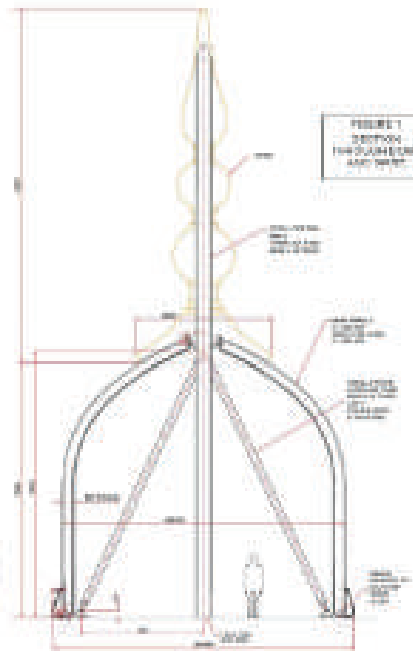
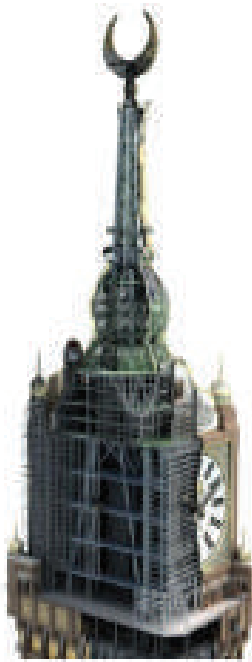
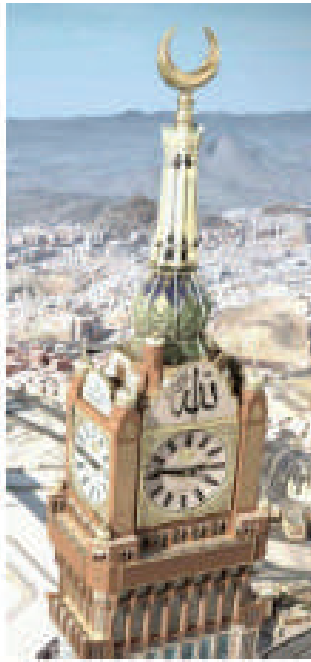


Retail



Bridges

PROFESSIONAL DESIGN CONCEPTUAL

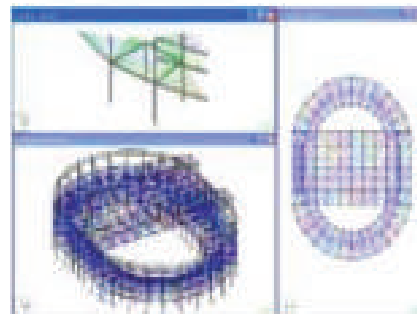
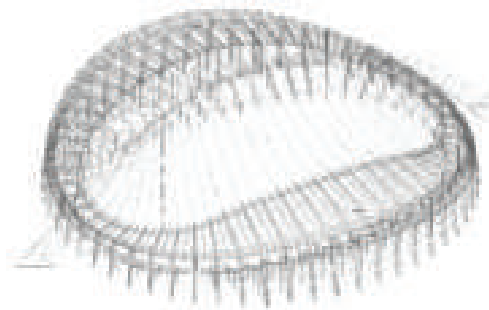


MODELING & STRUCTURAL ANALYSIS

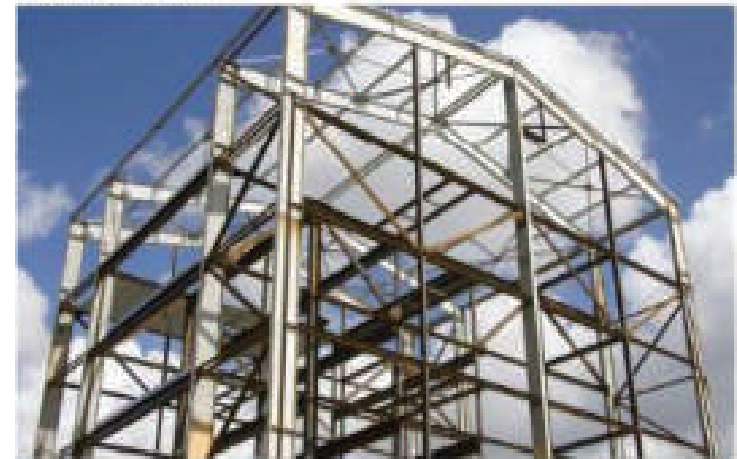
We produced 3D model of the structure developed by using 3D modeling software while complete analysis of the structures executed by **Finite Element Software** and **Structural Analysis and Design Software**.

Every placement of structural element will be thoroughly study in order to meet its optimum performance and design criteria specified by client.

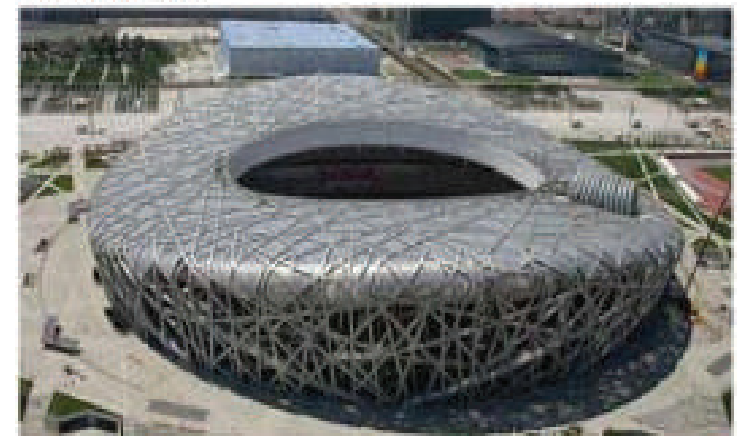
- ISO 9001 : 2008
- ISO 14001 : 2004
- OHSAS 18001 : 2007
- PE Stamps
- 5S Management System



From the simple...



...to the complex



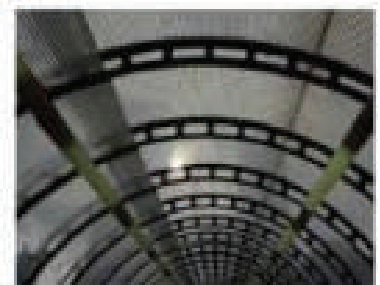
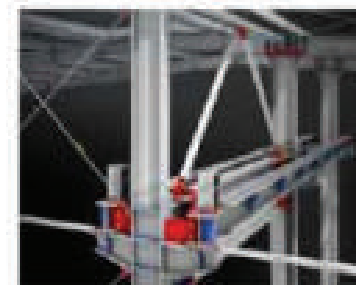
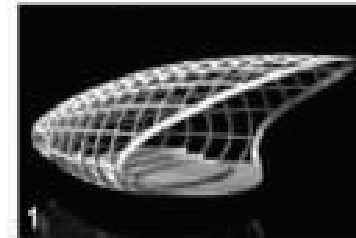
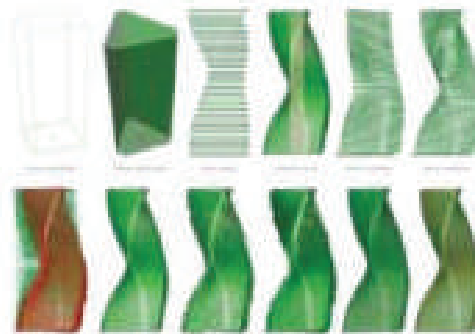
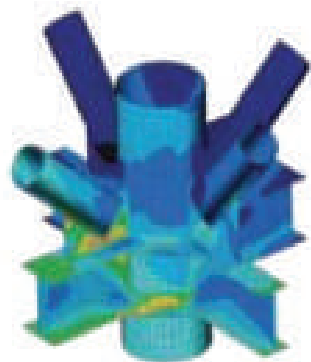
DETAILING & ANALYSIS

We provide a complete detail and analysis for clients. We collaborate with architects, owners and builders to develop elegant details prior to analysis.

Traditional method and latest tools (FE Software) have been implemented for every single details developed. Analysis of the steel structures is based on the following codes:

- BS EN 1990 - Basis of Structural Design.
- NA to BS EN 1990 - Basis of Structural Design.
- BS EN 1991-1 Series - Action on Structures.
- DIN 1055 Series - German Standard for Action on Structures.
- BS EN 1993-1 Series - Design of Steel Structures.
- NA to BS EN 1993-1 Series - Design of Steel Structures.
- DIN 18800 Series - German Standards for Steel Structures.

Extensively structural engineering experience in the area of numerical simulations of steel plated structures.



PARAMETRIC DESIGN

We provide innovative engineering services with our in-house experts, with specific programming requirements and advising on costs associated with structural designs.

Differentiated services by categories :

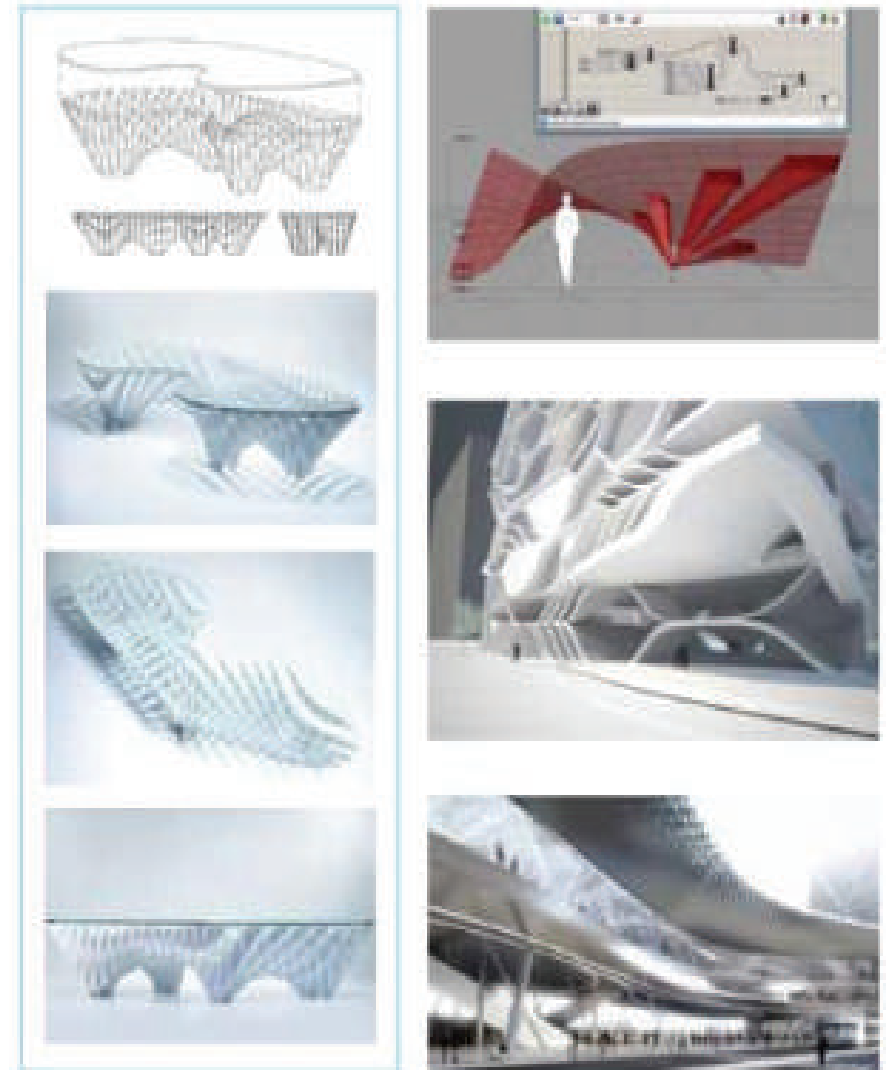
- Parametric modeling
- Generative design
- Computational design
- Structural optimization

Customized programming for design geometries :

- Free-formed buildings
- Algorithmic design
- Non-traditional design concepts
- Efficient construction

We guarantee clients to have advantages and benefit of innovative design :

- We provide feasible design options equivalent to clients requirements
- Expand the boundary of technical possibility and maximize structural performance
- Optimize the structural cost and help clients' project move forward
- Reduce your project schedule by our automated iterative design technology

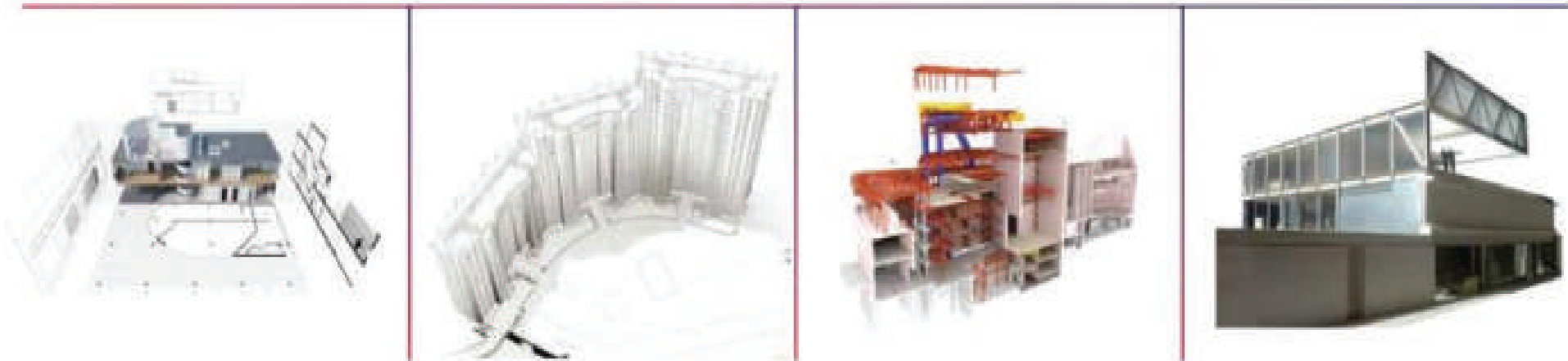
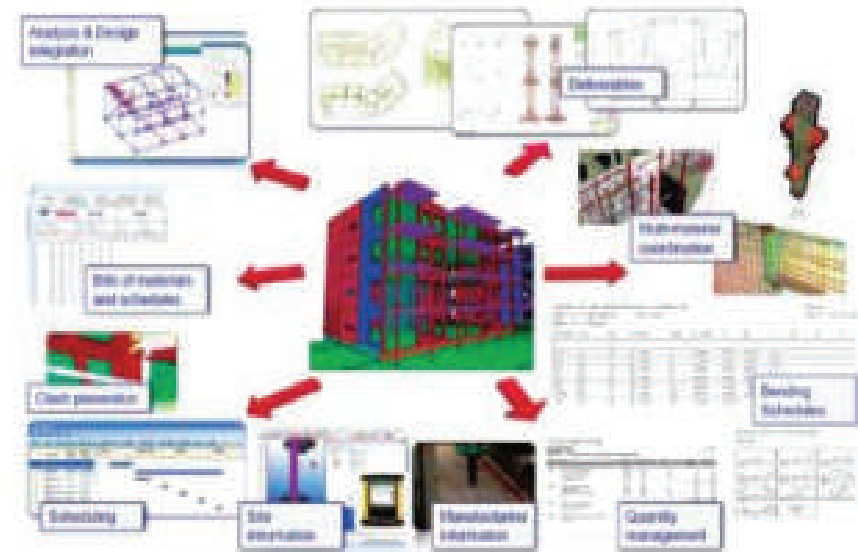


SHOP DRAWING PREPARATION

Shop drawings are generated by Building Information Modeling (BIM) Software. It helps to improve quality, increase profits, and reduce risk. Across the design, plan and construction lifecycle BIM is an integrated process built on reliable, buildable digital project information. It also creates software to deliver upon its promise of virtual buildings, data driven manufacturer and simulated construction.

With BIM software, our engineers can more easily enjoy the benefits of coordinated, rich data and use that information to improve their performance, appearance, and cost-effectiveness.

Reliable, coordinated and more accurate information about building provides better design insight, production documentation and construction predictability. Project inefficiencies can be minimized with BIM Software.

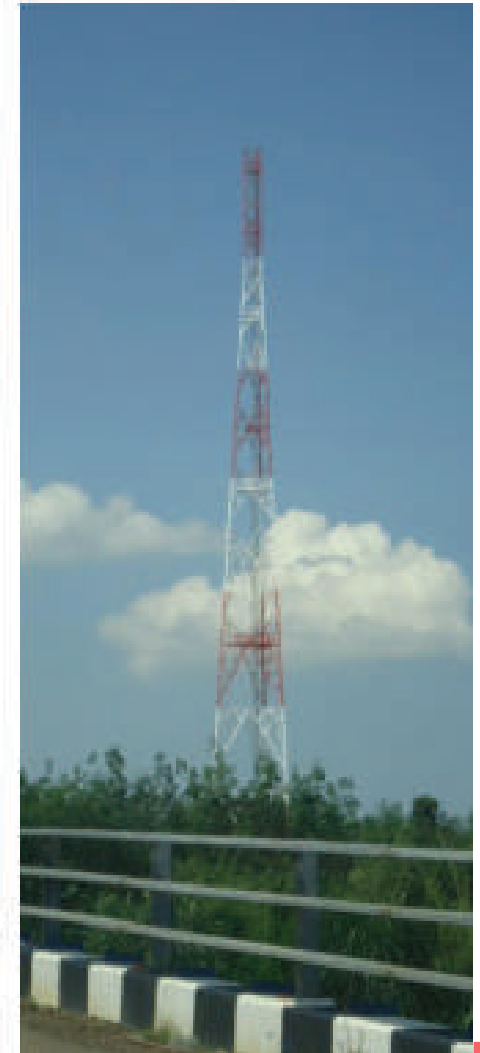
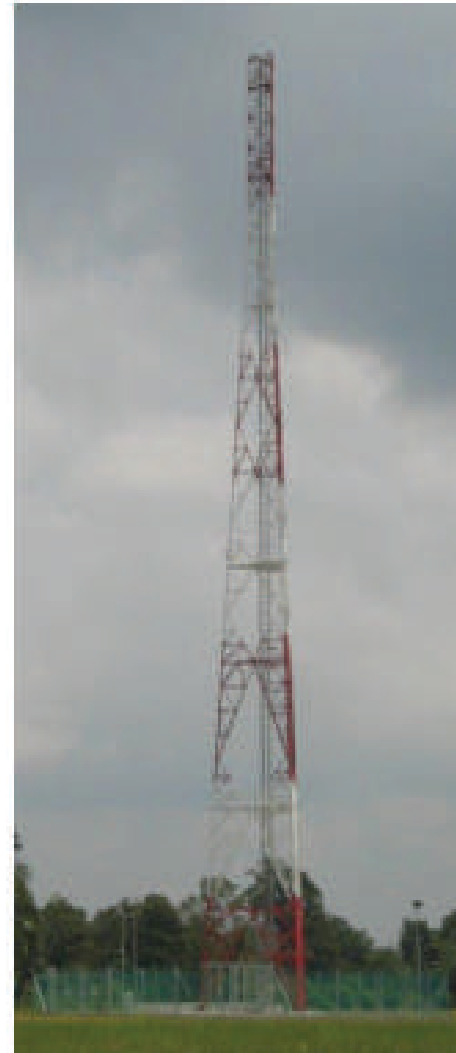
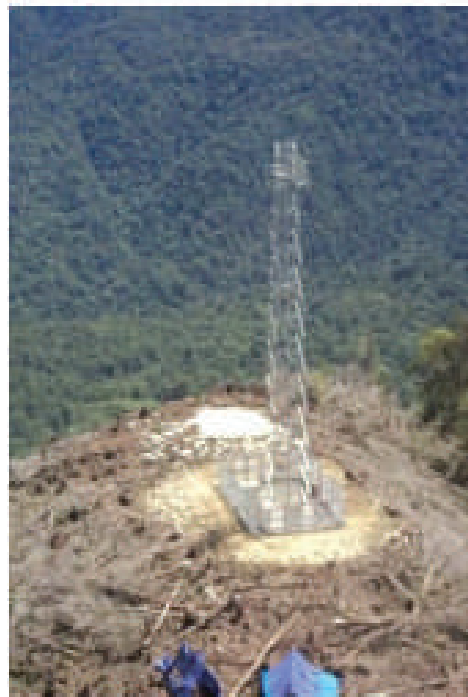
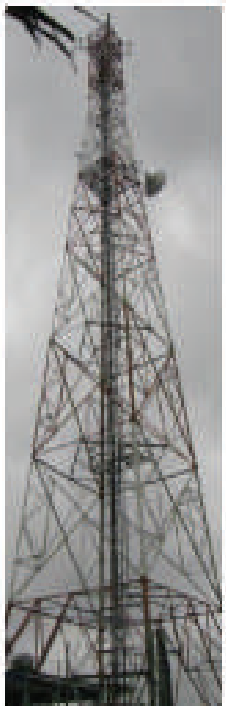


STEEL STRUCTURE FABRICATION

INSTALLATION OF STEEL STRUCTURES

We provide complete Method of Statement prior to erection process in order clients to get a clear picture of construction sequences. With the method proposed, project cost easily to control.

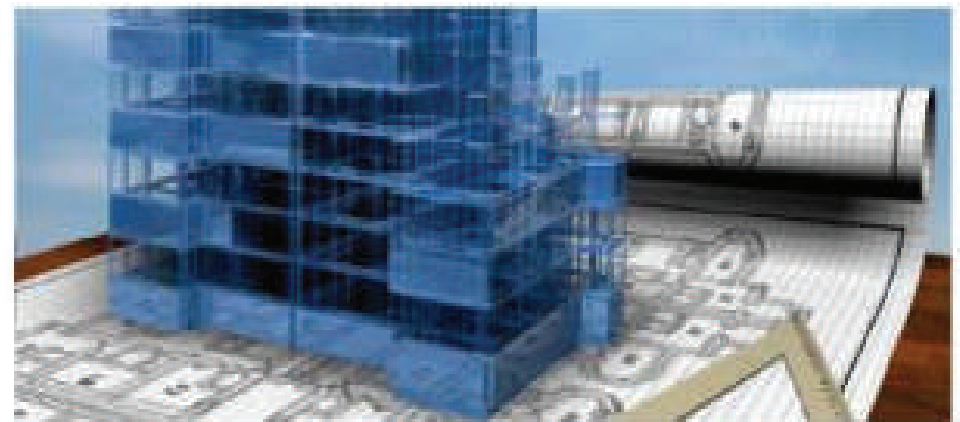
Further, we provide structural installation services to leading contractors and owners with a perfect commitment to safety and opportune project completion. The erection categories practiced are building structure, building skin and building performance.



PROJECT MANAGEMENT & CONSULTANCY

We understand that in construction sector the market is constantly shifting and we work to stay ahead by building and sharing insight across sectors and regions, helping to initiate and define best practices. With the best people, the right knowledge and global reach, we continue to maximise opportunities and minimise risk for you.

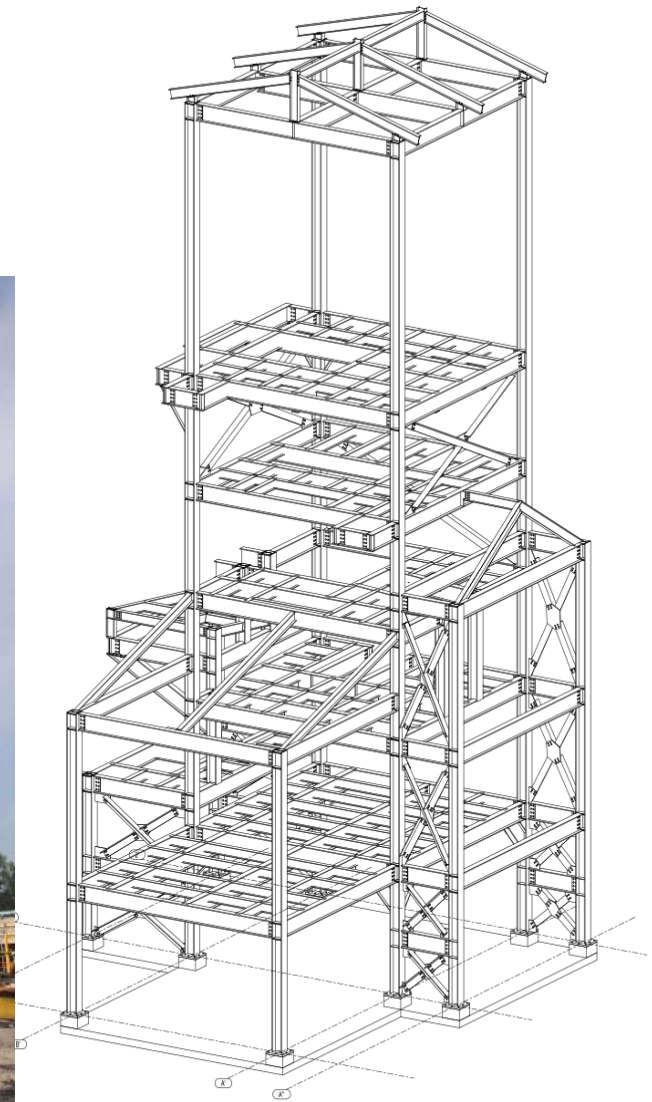
We help clients succeed by managing risk while maximizing value and performance during the construction and operation of their assets.



PROJECT

INSTALLATION OF NEW CONVEYOR LINE, UPGRADING AND MODIFICATION WORKS TO EXISTING COAL HANDLING SYSTEM AT TANJUNG BIN POWER PLANT, JOHOR.

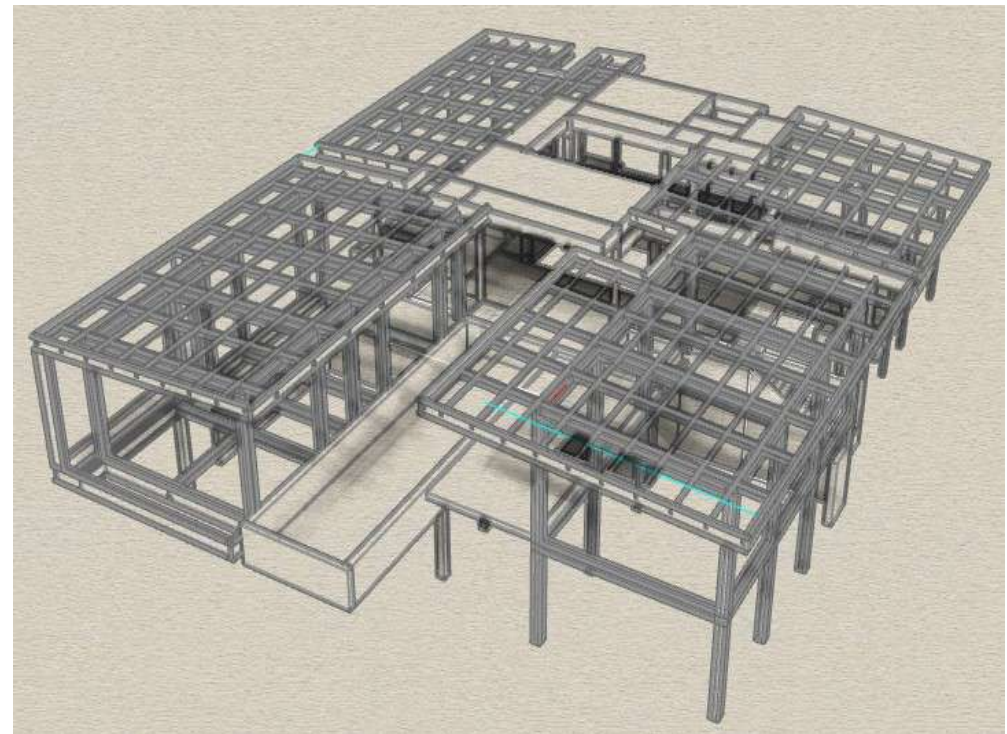
- Structural design of 10 nos Junction Tower & Transfer Tower.
- Shop drawings preparation.
- Technical support during erection process



PROJECT

CADANGAN MEMBINA DAN MENYIAPKAN RUMAH SESEBUAH 2 TINGKAT DAN 2 TINGKAT SUB BASEMENT DAN 1 TINGKAT LOTENG BERSERTA SEBUAH KOLAM RENANG, SUNGAI MERAB, SELANGOR. FOR DYNA SEGMENT SDN BHD

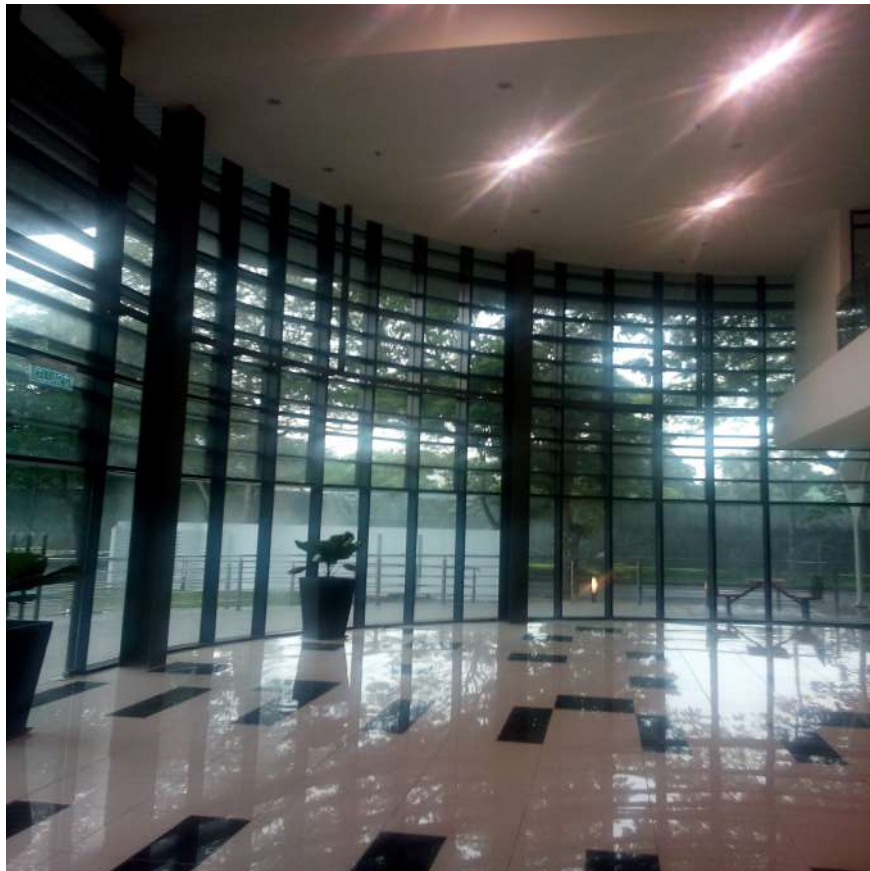
- RC & Steel structural design
- Foundation & retaining wall design
- Project supervision



PROJECT

**CADANGAN TAMBAHAN DAN PERUBAHAN SERTA MENUKAR
KEGUNAAN BANGUNAN KEPADA BANGUNAN INSTITUSI
(UNIVERSITI KUALA LUMPUR) PADA KOMPLEKS PERNIAGAAN
3 TINGKAT SEDIA ADA, JALAN GURNEY, KUALA LUMPUR.
FOR UNIVERSITI KUALA LUMPUR**

- RC & Steel structural design
- Raft Foundation
- Project supervision



PROJECT

**CADANGAN MEMBINA DAN MENYIAPKAN 1 BLOK APARTMENT
KOS SEDERHANA 3 TINGKAT YANG MENGANDUNGI**

- 1) 24 UNIT APARTMENT**
 - 2) 2 UNIT PENTHOUSE**
 - 3) KEMUDAHAN-KEMUDAHAN BERKAITAN, LANGKAWI.**
- FOR TAN SRI DATO'SERI ARSHAD AYUB**

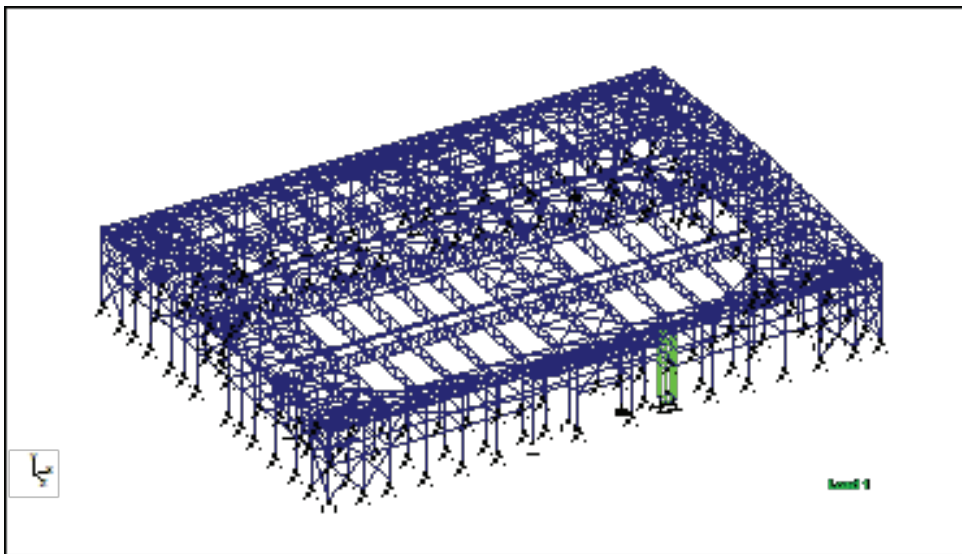
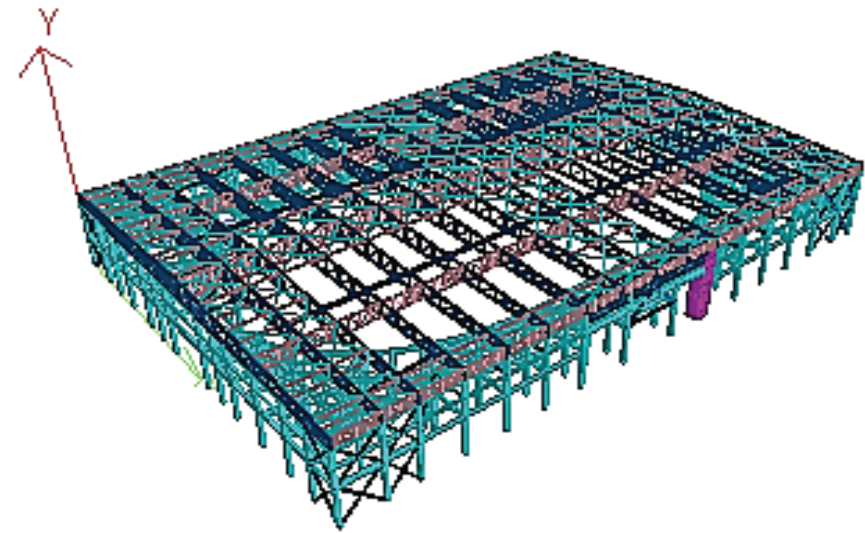
- Structural design
- Foundation system
- Project supervision



PROJECT

CADANGAN MENDIRIKAN SEBUAH VELODROM 3 TINGKAT DAN LAIN-LAIN KEMUDAHAN DI ATAS LOT 16074 DAN SEBAHAGIAN LOT 16073, BANDAR NILAI UTAMA, DAERAH SEREMBAN, NEGERI SEMBILAN DARUL KHUSUS

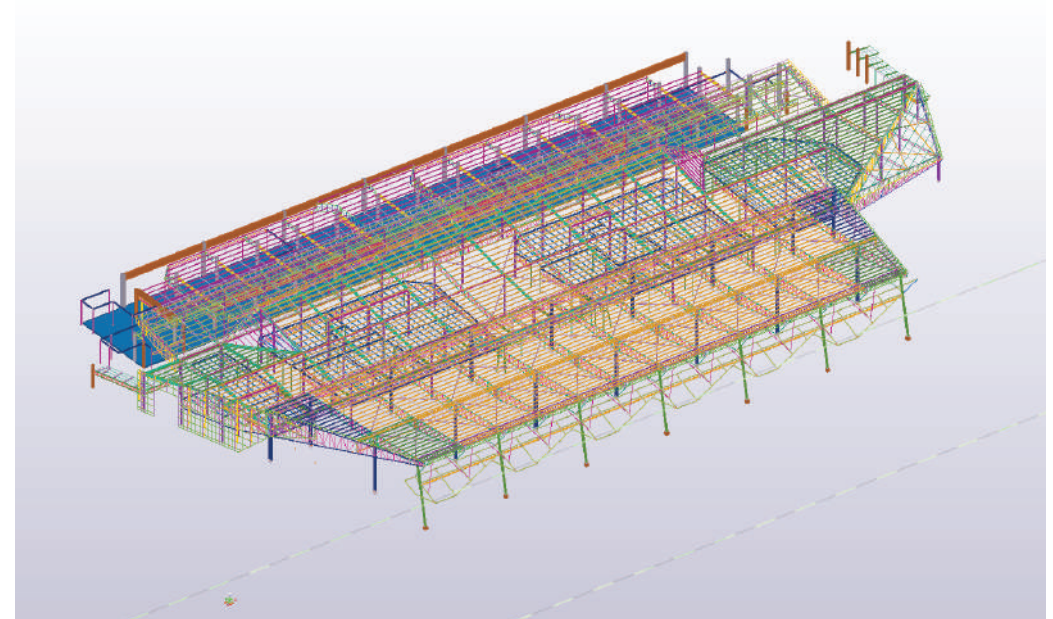
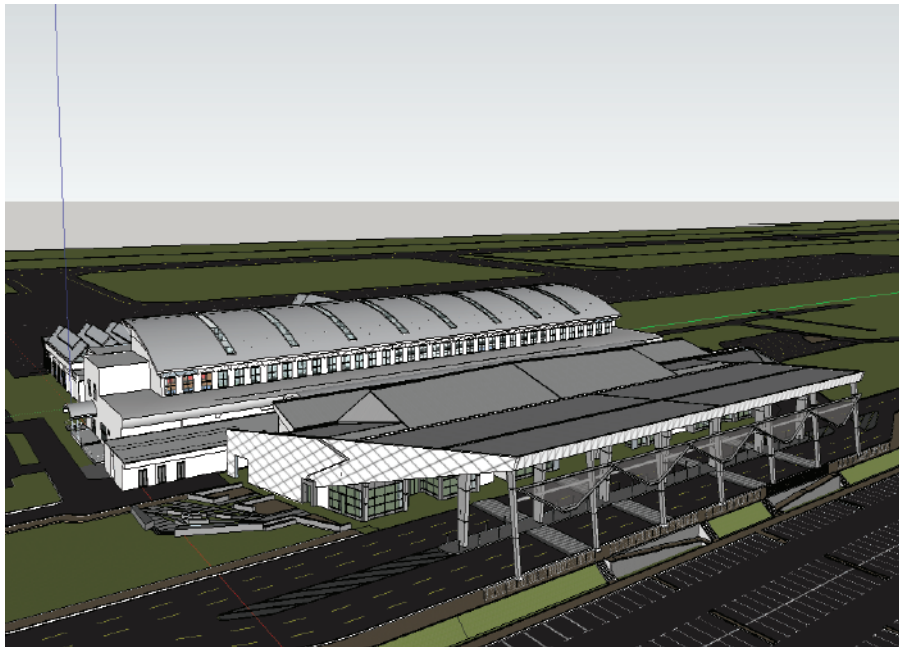
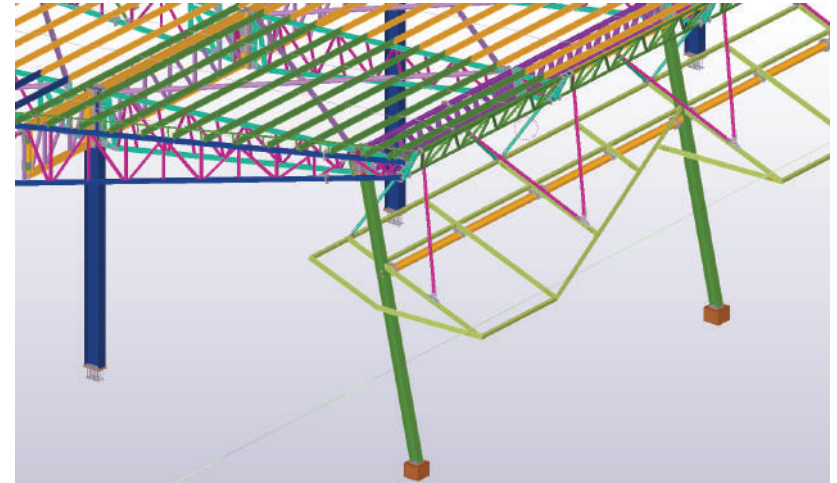
- Appointed as 3rd party checker to review & verify the structural analysis done by main C&S consultant (Maju Integrated Engineers)



PROJECT

CADANGAN MENAIKTARAF DAN MENGUBAHSUAI BANGUNAN TERMINAL LAPANGAN TERBANG ANTARABANGSA LANGKAWI DAN LAIN-LAIN KERJA YANG BERKAITAN DI ATAS SEBAHAGIAN LOT NO. 250 DAN PT NO. 432, PADANG MAT SIRAT, 07100 PULAU LANGKAWI, KEDAH DARUL AMAN. UNTUK TETUAN MALAYSIA AIRPORTS SDN BHD (MASB) DENGAN KERJASAMA LEMBAGA PEMBANGUNAN LANGKAWI (LADA)

- Appointed as alternative structural design engineer of all structural framing.



REGISTRATION CERTIFICATE

(Borang F)

AKTA PENDAFTARAN JURUTERA 1967
PERATURAN-PERATURAN PENDAFTARAN JURUTERA 1990
(PERATURAN 35)

No. Perakuan: **1714-1000-SP-1288**

LEMBAGA JURUTERA MALAYSIA

PERAKUAN PENDAFTARAN SEBAGAI AMALAN JURUTERA PERUNDING

INI ADALAH UNTUK MEMPERAKUI BAHAWA

Nama: **Pemilik Tunggal**
GRUPPE CONSULTANT

Alamat: **16-25 PLAZA AZALEA**
SEKSYEN 14
40000 SHAH ALAM SELANGOR

Cawangan Kejuruteraan: **** CIVIL ****

yang telah mematuhi kehendak-kehendak Akta Pendaftaran Jurutera 1967 dan telah membayar fee pendaftaran didaftarkan sebagai suatu AMALAN JURUTERA PERUNDING dalam cawangan kejuruteraan yang dinyatakan di atas tertakluk kepada syarat-syarat yang dinyatakan di bawah.

Syarat-syarat:

Perakuan pendaftaran ini akan habis tempoh pada **31 DISEMBER 2017**



Tarikh dikeluarkan:

(DATUK Ir. ADANAH BIN MOHAMED HUSSAIN)

Yang Dipertua

(Ir. HIZAMUL-DIN BIN AB. RAHMAN)

Pendaftar

**** No. Resit 302838 ** MBB 087672 ** RM250.00 ** Tarikh bayaran: 31-03-2017 ****
[RM250.00(Renewal Fee)]
Pengesahan pendaftaran hendaklah disemak di laman web www.bem.org.my



KEMENTERIAN KEWANGAN MALAYSIA
SIJIL AKUAN PENDAFTARAN FIRMA PERUNDING

NO SIJIL : J22011088931669796
NO RUJUKAN PENDAFTARAN : 465-02042643
TEMPOH SAH LAKU : 18/10/2016 - 17/10/2019

Bahawa dengan ini diperakui Firma Perunding :

GRUPPE CONSULTANT (002222615-P)
16-25 PLAZA AZALEA
PERSIARAN BANDAR RAYA
SEKSYEN 14
KELANG
40000 SHAH ALAM
SELANGOR, MALAYSIA

Telah berdaftar dengan Kementerian Kewangan Malaysia dalam bidang perkhidmatan perunding di bawah bidang dan sub-bidang seperti di Lampiran A1. Kelulusan ini adalah tertakluk kepada syarat-syarat seperti yang dinyatakan di Lampiran B1. Individu yang diberi kuasa oleh firma perunding bagi urusan perolehan Kerajaan adalah seperti berikut :

AZIZI BIN AHMED

780831075231

PENGARAH

l.t

DATO' OTHMAN BIN SEMAIL

Bahagian Perolehan Kerajaan
b.p Ketua Setiausaha Perbendaharaan
Kementerian Kewangan Malaysia

Tarikh Berdaftar Dengan Kementerian Kewangan Malaysia : 18/10/2016

(Sijil ini adalah cetakan komputer dan tidak memerlukan tandatangan)



SURUHANJAYA PERKHIDMATAN AIR NEGARA
(NATIONAL WATER SERVICES COMMISSION)
Aras Bawah & Aras satu,
Prima Avenue 7, Blok 3510,
Jalan Teknokrat 6, 63000 Cyberjaya
SELANGOR DARUL EHSAN

Telefon : +603-8317 9333/4/5
Faks : +603-8317 9339/6
Laman Web : www.span.gov.my

Ruj. Kami: SPAN/KPA/700-4/7/3 KLT 9 (6)

Tarikh : 4 Januari 2017

IR AZIZI BIN AHMED
GRUPPE CONSULTANT,
16-25 PLAZA AZALEA,
PERSIARAN BANDAR RAYA, SEKSYEN 14,
40000 SHAH ALAM,
SELANGOR DARUL EHSAN.

Tuan,

PENGIKTIRAFAN SEBAGAI 'ORANG YANG BERKELAYAKAN' (QUALIFIED PERSON) DI BAWAH SEKSYEN 47(7) AKTA INDUSTRI PERKHIDMATAN AIR (IPA 2006) [Akta 655].
- Permohonan Baru

Dengan segala hormatnya saya merujuk kepada perkara di atas.

2. Sukacita dimaklumkan bahawa tuan telah diiktiraf oleh Suruhanjaya ini sebagai 'Orang Yang Berkelayakan' di bawah Seksyen 47 Akta Industri Perkhidmatan Air 2006 (Akta 655) berkuatkuasa mulai **Disember 2016** didalam bidang seperti berikut :

Nama Syarikat	: GRUPPE CONSULTANT
Disiplin	: CIVIL
No SPAN QP	: 3526
Sub Kod	: W1, W2, W5, W7, S1, S2, S5 & S7
BEM / BAM No	: C115619

3. Sehubungan itu, adalah menjadi tanggungjawab 'Orang Yang Berkelayakan' untuk mematuhi Akta Industri Perkhidmatan Air (Akta 655), Garis Panduan, Kaedah-kaedah dan Peraturan Industri Perkhidmatan Air dari semasa ke semasa dan sentiasa mengemaskinikan alamat/maklumat QP. Kegagalan pihak tuan mematuhi syarat-syarat di atas boleh menyebabkan pengiktirafan tuan sebagai 'Orang Yang Berkelayakan' itu ditarik balik oleh SPAN.

Sekian, terima kasih.

Yang benar,

(DATO' MOHD RIDHUAN BIN ISMAIL)
Ketua Pegawai Eksekutif
Suruhanjaya Perkhidmatan Air Negara
Malaysia
TUTUCAMPAK



ENQUIRIES

16-25 PLAZA AZALEA
PERSIARAN BANDAR RAYA, SEKSYEN 14
40000 SHAH ALAM
SELANGOR, MALAYSIA

T +603 5523 9990
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Ir. AZIZI BIN AHMED 011 2820 9185