



Company Profile

Menara Gemilang SDN. BHD.
CHARTERED CIVIL & STRUCTURAL ENGINEERS



MENARA GROUP OF ENGINEERS

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ENGINEERING GROUP
MENARA GEMILANG SDN BHD AND
TECK PRO CONSULTANCY
NEGARA BRUNEI DARUSSALAM

COMPANY BROCHURE

Year, 2023

CURRICULUM VITAE

MR. NG KHIN HONG (C&S Engineer)

Mr. Ng Khin Hong (John) is one of the most experienced Civil and Structural Professional Engineer in Brunei Darussalam with over 53 years in design and consultancy practice.



He had worked for the Brunei Government and private projects. They included highways, hospital, military, police, water supply, sports stadium, airfields, and hangars, large commercial and governmental building complexes.

❖ QUALIFICATIONS:

- a. He is a graduate in Civil Engineering from The Institute of Technology, Western Australia (1970).
- b. A Chartered Engineer of the Engineers Australia (The Institute of Engineers) since 1974.
- c. The first Registered Professional Engineer with the Ministry Of Development, Brunei Darussalam. (PBD12) in 1996.
- d. Member of the Road Engineering Association of Asia and Australia (MREAA).
- e. Member of the South East Asian Society of Geotechnical and Soil Engineering (MSASSE).

❖ EXPERIENCE:

- a. 1968 -1970: Engineering Assistant to Engineer-Country Bridges, Main Roads Department, Western Australian Government.

His work involved in the computation of rainfall runoff (by Unit Hydrographs), bridge and waterways computation. He compiled the Main Roads' Manual for Rainfall Runoff and Bridge Water ways for Western Australia.

He had designed bridges using solid timber jarrah and Karri logs, R.C. flat slab and piles, composite steel and concrete slab and R.C. beam and slab construction.

- b. 1970 – 2000: M.D. and CEO, Bolton Hennessey Sdn. Bhd. He was the Principal Design Engineer and CEO of Bolton Hennessey Sdn. Bhd, for 30 years. Below enclosed are some of the Governmental Projects he was directly involved in the design and the successful commissioning of the projects.
- c. From 2006: M.D/CEO, Menara Gemilang Sdn. Bhd.
A company set up to offer full in house Engineering, Architectural and Planning Services. This is mainly to facilitate an economical and quick solution for SME developments in Brunei Darussalam. The company also has associates for overseas developments and investments. It serves as a platform to achieve more comprehensive design solutions for a variety of commercial developments.

CURRICULUM VITAE

MR. LAI FOO JUAT (C&S Engineer)



Mr Lai Foo Juat, PSB, PJK, PIKB, PJP, BSc (Hons) in Civil Engineering, CEng, MICE (UK), Brunei Darussalam as an Engineer in 1983. He was also responsible for designing and preparation of architectural drawings, designing structural and infrastructure (civil) works, preparation of bill of quantities and tender documents, managing and supervising of new and maintenance projects in the Belait District.

In 1990, Mr Lai was transferred to the Structural Section, Public Works Department, Bandar Seri Begawan where he had a bigger role in the involvement in the contract administration and design of civil and building structures, liaise with Architect and Quantity Survey for proper design and construction of projects, preparation of structural design, drawings, quality Management and Control.

From 1997, Mr Lai headed the Geotechnical and Geological Section, Public Works Department, Bandar Seri Begawan. His main responsibilities include geotechnical and soil investigation, soil and concrete laboratory testing works, design and supervision of slope construction, deep excavation, foundation and piling for civil engineering and building projects prepare report and make recommendation on settlement of buildings and roads, slope stability, landslides. He was also involved in investigation for most of the slope failures that occurred in Brunei Darussalam at the time.

In 2006, Mr. Lai was promoted to Assistant Director of Building Services, Public Works Department, Bandar Seri Begawan. He managed the Department for 4 years.

In May 2010, he was assigned to the Department of Technical services, Public/works Department, Bandar Seri Begawan and subsequently became the Acting Director of Technical Services in 2011.

With 30 years of working experience with the Public Works Department, Ministry of Development, Mr Lai retired in May 2013 as an Acting Director of Technical Services in the Public Work Department, Bandar Seri Begawan. Throughout his working life in the engineering field, he has gained extensive and wide engineering knowledge and construction experience, in particularly, victory in the management and execution of numerous multi-million projects for the government of His Majesty. Mr Lai has a particular specialty in design/contract/project management and able to perform and deliver all the projects in an effectively and efficiently manner and with acceptable quality in accordance to the schedule.

Mr Lai Foo Juat is a MOD registered Qualified Person (QP No. E003/2013-C&S) in Brunei Darussalam

CURRICULUM VITAE

Mr. Paul Thien Vui Po.

Director (Finance) Projects Major

Accountancy (B.A.Honours) and a Member of the Chartered Institute of Management (U.K).

He has 11 years of Legal, Audit and Banking experience. He was the Corporate Manager of Hong Kong Shanghai Bank both in Negara Brunei Darussalam.

He assisted the group in evaluating the finance control of each project. A valuable part of the management team especially in BOT/Turn key proposals.



PROJECTS COMPLETED

❖ **AS PRIME CONSULTANTS:**

1. ***FRESH WATER FISH FARM AND RESEARCH CENTRE AT JAMBU VALLEY, KAMPONG TUNGKU, OFF JALAN GADONG, B.S.B.***

This farm was designed and commissioned for the Brunei Fisheries Department. The project occupied an area of 20 acres. It had one eighth, one quarter, half acre fishponds and the project had its own fresh water intake, pumps, supply drains and monks. Water was supplied from the upper stream of Sungai Menglait. The farm was used to breed local fresh water fish, fries and ornamental aquarium fishes.

2. ***AGRICULTURE FEASIBILITY STUDY FOR THE LUMAPAS-MULAUT PLAINS.***

This was a very comprehensive study on the prospect of agricultural development for the Lumapas and Mulaut PLAINS. It involved finding the quantity and quality of available water resources, runoff catchment, soil conditions, crop suitability and management, with particular emphasis to rice cultivation. Agronomy and soil geology were given special attention in the report and cross-references were made to similar growing conditions found in India, China and South-East Asia. Agricultural schemes now at Wasan, Panchor Murai and Jujungan were included in the study.

3. ***CANALISATION OF RIVER KIANGGEH, B.S.B.***

Work included the deepening and desilting of Sungai Kianggeh, the concrete lining of the riverbed, boat-landing facilities at Jalan Sg. Kianggeh, the open Tamu market, toilet facilities, car parks and pedestrian bridges across the river. It became one of the more interesting places for tourists and locals to visit daily.

The canalisation involve the use of precast cantilever R.C. wall sections and separate canal lining and low flood drainage all supported by 150mm dia Bakau piles (Mangrove trees trunk) at 450mm centres.

4. ***MULTI-STOREYED CAR PARK, JALAN CATOR, B.S.B.***

Across from Jalan Sg. Kianggeh, this building provided the main public car parking facility in the city. At the ground floor, was a bus and taxi terminal, the first floor housed various shops selling commercial products with the upper floors mainly for car parking. The roof level was later converted into a sports and recreational centre for the Kampong Ayer and town residents. The first floor R.C. beams have a free span of 18 metres.

5. ***RBA HANGAR (747 JUMBO SIZE), BRUNEI INTERNATIONAL AIRPORT.***

This was built mainly for Royal Brunei Airlines Engineering Department to service either two B737 or one B747 size aircraft. It consisted of service bays on the three sides of the Hangar. The steel roof had a clear span of about 76 metres (or 250 ft) on both sides. The hangar was fully protected by a foam deluge sprinkler system. It

was one of the largest span spaced steel structures in Brunei Darussalam. The foundation was founded on bore holes.

6. ***BANGAR WATER SUPPLY, TEMBURONG.***

The project included the design, build and successful testing of a fully integrated water supply for Bangar Town (population 40,000).

The intake pumped raw water from the upper reaches of Sungai Temburong (near to the rapids at Batang Duri) using two vertical spindle water pumps. Water was treated at the treatment works across the road and gravitated to the high water level tank in Bangar Town (near to the old hospital site). From this reservoir, the treated water was reticulated through new and existing water mains to Kampong Puni, Lakiun and others. Quality of the water was excellent as the source of the raw water was naturally aerated through the rapids and without any brown discoloration from tannin.

7. ***BRUNEI NATIONAL STADIUM, BERAHAS, B.S.B.***

Design for a seating capacity of 30,000 people, the stadium later became part of the Brunei Sports Complex. It had its own car parking facilities, emergency exits and the state of the art scoreboard, acoustic system and floodlights. The stadium was specifically designed for dynamic loading which took into account the extra live load imposed during a very rowdy game. This was design at twice the static live load used for structural design.

8. ***TUTONG-JERUDONG HIGHWAY, (34KM).***

A very difficult route as it transverse high hills near Bintauran and very deep swamp conditions from Bukit Panggal to Penanjong junction. Piles at Penanjong flyover reached 60 metres (or 200 ft) at set and fill stabilisation was difficult to maintain with normal budget. The 34km long, four-lane highway had very gentle horizontal and vertical curves making it easier for overtaking and sufficient sight distances for a more relaxed drive.

There were nine (9) bridges (constructed of prestressed beams and insitu RC. pavement slab) in the project. It included an elevated curved bridge fly-over at the Penanjong Junction.

Optimum parameters of 100mph (161 kph) were adopted in the road flyover design to make driving less dangerous even at a higher speed. The present road speed limit is at 62mph (or 100kph) imposed.

9. ***BUS AND TAXI STAND COMPLEX, KUALA BELAIT.***

This high steel structure was designed to keep the interior bus and taxi bays cool. The building had its own two storeyed administrative building and toilets. The Kuala Belait Municipal Board also used it as a bazaar for weekends or festive celebration.

10. **PROPOSED SATELITE STATION**
with 30m high mast for BDMD

(Cadangan Tapak Bagi Pembinaan Penempatan Sistem Radar Cuaca Serta Sistem-Sistem Kaji Cuaca Jabatan Kaji Cuaca Brunei Darussalam, Kampung Melabau, Mukim Kianggeh, Daerah Brunei Dan Muara, Negara Brunei Darussalam.
Site is about 15 acres on a platform at R.L 63M Top of mast is about R.L 93M

11. **PROPOSED DESIGN AND CONSTRUCTION FOR THE NEW COLD STORAGE**
BUILDING
and Equipments Installation and Commissioning of the New Cold Storage In
Muara Fish Landing Complex

(Cadangan Rekabentuk dan Pembinaan Bagi Bangunan Dan Peralatan Penyimpanan Sejuk Baru Pemasangan Dan Pentauliahan Penyimpanan Sejuk Baru Di Kompleks Pendaratan Ikan Muara)
Site is about 1.5 acres

12. **UPGRADING OF JALAN PRETTY, KUALA BELAIT.**

This was done mainly to provide more parking spaces for the Kuala Belait townships. The road was upgraded with paving stones and handrails were provided to keep pedestrian within the walking aisles of the main shop fronts. The completed works made the town brighter and cleaner. Drains were now grated and shop front rubbish and waste were not allowed to be swept into the street main drains.

13. **UPGRADING OF JALAN SULTAN OMAR ALI, SERIA, KUALA BELAIT.**

This included similar works as in Kuala Belait. The Seria townships became much more hip in overall appearance. The number of car parks had increased including streetlights and street furniture.

14. **PROPOSED ARAB SCHOOL**

PEMBINAAN BANGUNAN BLOK TAMBAHAN BAGI SEKOLAH MENENGAH ARAB LAKI-LAKI HASSANAL BOLKIAH, JALAN TUTONG

15. INFRA STRUCTURAL WORKS (EARTHWORKS, DRAINAGE AND ROADS etc.)

- a. Government Offices Complex at the Old Berakas Airport, B. S. B. (site about 160 acres)

The swamp area at the old Berakas Airport was drained and earth filled. The existing runway became the main road access to the PWD Headquarter Building, PSC, Ministry of Development, Education Department etc. Large concrete drains were provided to ensure no flooding. This now formed part of the overall drainage scheme for Berakas catchment.

- b. Ministry Complex at Jalan Mentri Besar, B. S. B. (site about 200 acres).

The earthwork, drainage and roadwork cover an area from Jalan Kebangsaan to Jalan Berakas along the present Jalan Mentri Besar (formerly Jalan Tetamu). Because of the excessive catchment, the rainfall runoff was retained in a landscaped pond behind the Immigration and Labour Department so that the old Berakas junction would not be flooded (as previously). Many building platforms created and individually elevated to accommodate large Ministerial Buildings.

- c. High Court Complex at Jalan Tutong, B. S. B. (site about 50 acres).

The old water village at this area (opposite the old Sumbiling Water Village), was relocated and filled with the extra cut materials from the Ripas Hospital Hill at Kiulap. The work was quite straightforward and much saving was achieved combining the earth fill activities of both sites opposite each other across Jalan Tutong. (Near the Muslim cemetery)

- d. National Stadium Complex, Jalan Berakas (site about 160 acres).

This site was properly drained, cleared before earth filling to its present level. The earth fill was left about a year to settle before piling work began.

The site was swampy. However, with the incorporation of major permanent drainage, no more flooding was recorded. We were the prime consultants for the Civil and Structural Engineer works for the National Stadium.

- e. Hospital Site at Kiulap (site about 60 acres).

Mainly a cut site with difficult slopes to form access and building platforms. A lot of Mechanical and Electrical service conduits needed to be accommodated within the site. The given land, though central in town, is very limited for expansion. It also had a helicopter pad, maintenance complex and a riverine boat jetty for ambulance boats.

The hospital accommodates about 500 beds (expandable to 750 beds). All the buildings were supported on 600mm dia R.C. bore piles. A teaching hospital, it was designed on a horizontal medical planning basis at Conception.

❖ **MAJOR PROJECTS UNDERTAKEN AS CIVIL & STRUCTURAL CONSULTANTS:**

1. Brunei RIPAS 500 Bed Hospital Complex, Kiulap (Arch. Alister MacDonald).
2. Police Mobile Reserve Unit 1 & 2, Jalan Gadong, BSB. (Akitek Bersatu).
3. Suri Seri Begawan Hospital, Nurses Complex and Extension, Kuala Belait (Arch. Booty Edwards).
4. Teachers Training College (later renamed Sixth Form Centre and UBD). Jalan Gadong, BSB (Arch. Palmer & Turner).
5. Tutong Camp Hq. Building, Tutong (Arch. Ho Kwong Yew & Sons).
6. RBMR Camp, Bangar, Temburong (Arch. Booty Edwards).
7. Fish Farm at Sg. Menglait, Tungku Gadong, B. S. B.
8. River Squadron, Bangar (Arch. Booty Edwards).
9. RBMR Tutong Camp Headquarters, Tutong (Arch. Ho Kwong Yew & Sons).
10. Police BSB District Headquarters, BSB (Akitek Bersatu).
11. Dakwah Islamadiah, Berakas (Arch. Ibrahim).
12. PWD Headquarter Building, Berakas (Arch. SAA).
13. Immigration & Labour Building, Jalan Menteri Besar. (Arch Berjaya).
14. Ministry of Health, Jalan Menteri Besar. (Arch. Booty Edwards).
15. Dept. of Security and Intelligence, Jalan Gadong. (Arch. Booty Edwards).
16. SHELL recreation club (Panaga) BSRC, (Architect John R Haris)
17. Police complex, Kampong Ayer, BSB (Arch. Booty Edwards).
18. Helicopter Hangar (2Nos), Brunei International Airport.
19. CIC Environmental Services Sdn. Bhd. Kuala Belait.
20. Cold Storage Warehouse, Kg. Salar Industrial Estate.
21. New School Building and Teacher's Quarters, St. Margaret School, Seria.
22. New Mosque, Lorong Tiga, Seria.
23. Center of Excellent Services for Special Children Block at PSJ PG. Hj. Abdul Momin Primary School, Kuala Belait.
24. Jerudong Medical Centre, National Cancer Centre and Gymnasium, B. S. B.
25. National Housing Scheme, Kg. Tanah Jambu Phase 3 & 4(590 units), B. S. B. (2010/2012) - B\$71m.
26. National Housing Scheme, Kg. Tanah Jambu Phase 5 & 6(508units), B. S. B. (2010/2012) - B\$62m.
27. Workshop at LTS 5159, Kg. Sungai Duhon, Kuala Belait. (2011/2012) – B\$3m.

❖ **RECENT ON-GOING PROJECTS:**

1. Al-Falaah School at Jalan Kebangsaan, B. S. B. (2011/2012) – B\$10m.
2. Jerudong International School, Phase 4 (2011/2012) – B\$3m & Phase 5, External Sports Facilities, Classroom Block, Main Dining Hall, B. S. B. (2012/2013) – B\$6m.
3. 16 Units Adinin Walk-Up Apartment, Kg. China, K. B. (2011/2012) - B\$2m.
4. New Kindergarten Block Chung Hwa Middle School, K. B. (2012/2013) - B\$1.5m.
5. Fish Farm at Sg. Paku, Mukim Telisai (salt water red grouper), Tutong. (2012/2013) - B\$3m.
6. State Medical Store, Rimba Gadong, B. S. B. (2013/2014) – B\$8m
7. 60 Units Fung Walk-up Apartment, Kg. Kapok, Mentiri, B. S. B. (2012/2013) - B\$3.8m
8. 20 Units Walk-Up Apartment, Kg. China, K. B. (2012/2013) - \$2m.
9. Proposed 3,500m³ concrete reservoir at Diplomatic Enclave, Jln Kebangsaan.
10. Steel Cable Tray Bridge span 50m at Jln Bengkurong Masin
11. Under tendering now Proposed 1,000 unit Low Cost housing at Kg Lugu-\$110M
12. Under tendering now Proposed 750 units Low cost housing at Kg Tanah Jambu.- \$90M
13. Helicopter hangar at Brunei International Airport for Glamco Aviation.
14. Proposed New Private Alif School at Kg Rimba. (800 students)-\$6M
15. Sand Blasting Chamber at BLNG (AWE)
16. 15m and 20m High Mast for J16 Garrison, Seria,
17. 30m high mast weather Surveillance Radar at BSB for Meteorological Department.
18. 3,500 Cubic meter concrete reservoir for Diplomatic Enclave at Jalan Kebangsaan.
19. Construction of Hassanal Bolkiah Boys Arab High School, Tutong Road, B.S.B
20. Construction of Radar Weather and systems for Brunei Forecast Department, B.S.B with 30-meter-high mast
21. Design and Construction For The New Cold Storage Building And Equipment Installation And Commissioning Of The New Cold Storage In Muara Fish Landing Complex At Muara.
22. Muara Port Company Warehouse No 5 & 6, Platform and Facilities, Muara Town, B.S.B

❖ ***SOME JOBS COMPLETED WHICH ARE BSP AND OIL RELATED WORKS:***

1. PECO Office 1 & 2 Kuala Belait (formerly Chung Pah Hing Rig Yard).
2. Shell Recreation Club, Panaga – New and renovation works (Arch. JR Harris).
3. Lumut Office, Canteen and Complex Extension, Lumut (Arch. Ho Kwong Yew & Sons).
4. Kuala Belait Shipyard, K.Belait (Prime Consultants).
5. Industrial waste disposal and New Drum processing for BSP (CIC Environmental).
6. New Warehousing and Pipe Storage facilities for Jasra Marine Base Muara. (Total, BSP and SDV)- 20 acres.
7. Oil servicing facilities for Tendrill Company Sungai Bera Industrial Estate, Seria. (2 acres)
8. Warehouse and Workshop facilities for QESS (Haliburton) Sungai Bera Industrial Estate, Seria. (6 acres)
9. Structural Evaluation on New Unloading Jetty at Sg. Duhon (S.K.S.) K. B.
10. Office, warehouse and workshop facilities for S. C. Oilfields and Logistics Sdn. Bhd. Sungai Bera Industrial Estate, Seria. (4 acres)
11. Helicopter Hangar, Brunei International Airport. (2 Nos)
12. ATDC – Adinin Training and Development Centre, Kg. Sg. Bera Industrial Estate, Seria. (2 acres).
13. BLNG 2 Warehousing at Lumut
14. BLNG Main Access Road Junction Improvement at KB

❖ **LEGAL EXPERIENCE:**

1. *High Court Case:*

Between Klasse Emporium Vs Razak Holdings, Jalan Tutong, B.S.B. Case:
As Structural Engineering expert witness representing tenant Klasse Emporium in damage claim due to structural failures and building settlement due to short piles.

2. *2011-* Awarded Injunction against developer Abraco Development. Kampong Lambak Kanan, Berakas at Lot 39811 – 39814/Lot 60921 Provided Structural and Soil analysis on behalf of client Bengkel Kereta Berakas Sdn. Bhd. Object is to stop adjacent work by developer because of slope failure and claim cost of remedial works caused by failed slope and up lift of adjacent heaved workshop ground floor slab.
3. *2012* – Awarded injunction against owner of Lot 47088, provided Soil Analysis and Structural report on behalf of Lot No. 47089 & 64664 for over excavation along two sides of this Lot 47088. Representing developer Kai Builders, injunction awarded to enable developer to proceed with remedial works and recoverable cost.



747 JUMBO SIZE HANGAR FOR ROYAL BRUNEI AIRLINE ENGINEERING DEPT.,
BRUNEI INTERNATIONAL AIRPORT BERAKAS,
CLEAR SPAN 76 METRES X 76 METRES OR 250 FT SQUARE
(ARCHITECTURAL, CIVIL & STRUCTURAL ENGINEERING WORKS)



WAREHOUSE FOR JASRA MARINE BASE, PLOT 1 SERASA INDUSTRIAL ESTATE, MUARA. SIZE: 44m X 32m = 1,408sm



WAREHOUSE NO 2 FOR JASRA MARINE BASE, PLOT 1 SERASA INDUSTRIAL ESTATE, MUARA. SIZE: 88m X 32m = 2,816sm

OFFICE, WAREHOUSE AND WORKSHOP FOR HALIBURTON,
PLOT 64, 65, 66, 70, 71 & 72 (6 ACRES)
SG BERA INDUSTRIAL ESTATE, SERIA.





OFFICE, WORKSHOP AND WAREHOUSE FORTENDRILL
COMPANY PLOT 29 & 30



WAREHOUSE FORTENDRILL COMPANY PLOT 29 & 30





TENDRILL WORKSHOP PLOT 29 & 30, SG. BERA INDUSTRIAL ESTATE, SERIA, KUALA BELAIT,
NEGARA BRUNEI DARUSSALAM.



**200 ACRES OF INFRA-STRUCTURAL WORKS FOR
THE MINISTRY COMPLEX AT JALAN MENTRI BESAR.**

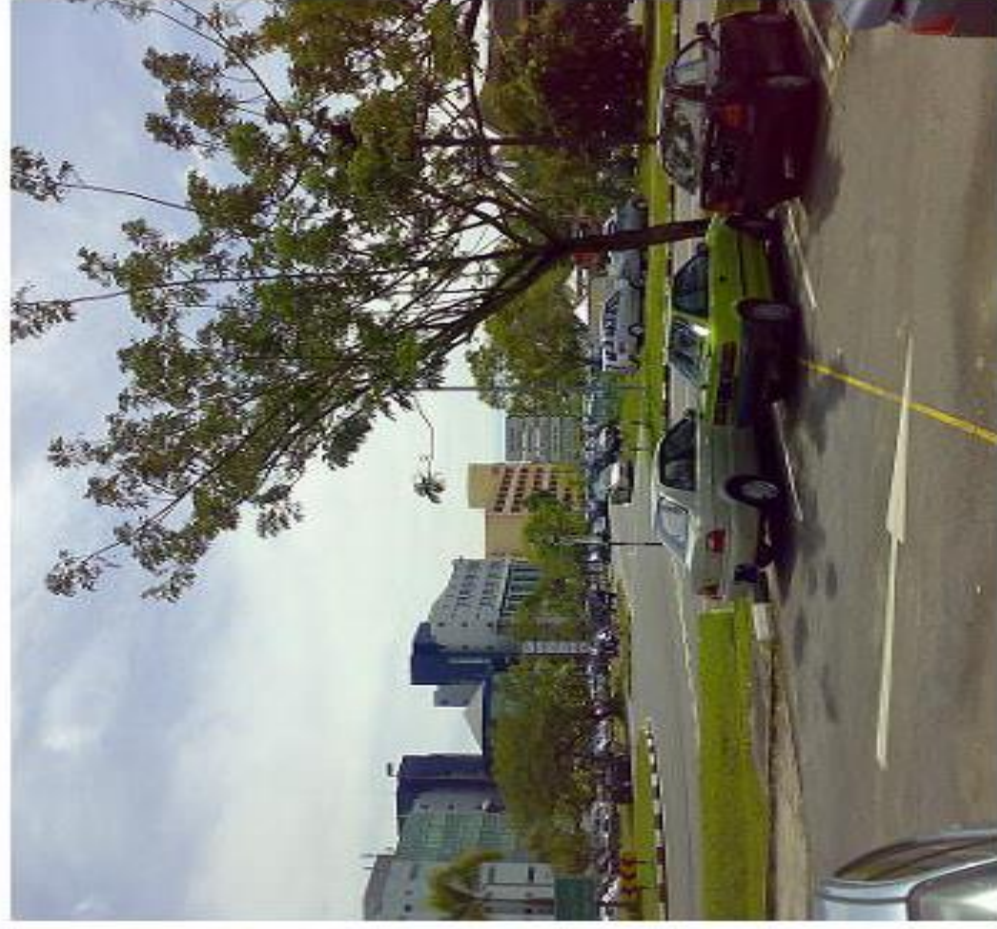




**200 ACRES OF INFRA-STRUCTURAL WORKS FOR
THE MINISTRY COMPLEX AT JALAN MENTRI BESAR.**



50 ACRES OF INFRA-STRUCTURAL WORKS FOR THE HIGH-COURT COMPLEX, JALAN TUTONG.



**160 ACRES OF INFRA-STRUCTURAL WORKS FOR THE GOVERNMENT OFFICES
COMPLEX AT THE OLD BERAKAS AIRPORT.**



60 ACRES OF INFRA-STRUCTURAL, CIVIL AND STRUCTURAL ENGINEERING WORKS FOR THE RIPAS 500 BED HOSPITAL AT KIULAP.
BANDAR SERI BEGAWAN, NEGARA BRUNEI DARUSSALA.



160 ACRES OF INFRA-STRUCTURAL AND CIVIL ENGINEERING WORKS FOR THE BRUNEI NATIONAL STADIUM COMPLEX, BERAKAS. NEGARA BRUNEI DARUSSALAM.



TUTONG - JERUDONG HIGHWAY 34km 4 LANE WITH 9 BRIDGES INCLUDING ONE CURVED FLY-OVER AT PENANJONG.



PHASE 3 & 4 TANAH JAMBU TERRACE HOUSING
590 NOS. LINK HOUSES 4, 6, 8, 10 AND 12 DIFFERENT
BLOCKS ON 57 HECTARE SITE(B\$71 MILLION)



PHASE 5 & 6 TANAH JAMBU TERRACE HOUSING (508 UNITS)
LINK HOUSES 4, 6, 8 AND 10 UNITS BLOCKS



PHASE 3 & 4 AND 5 & 6 TANAH JAMBU TERRACE HOUSING. THE USE OF ALUMINIUM FORM WORK FOR 1,098 UNITS OF TERRACE LINK HOUSES. AVERAGE COMPLETION OF 60 TO 75 STRUCTURAL FRAME PER MONTH.



STAIRCASE FORMWORK



FIRST FLOOR SLAB FORM WORK (200MM R.C. THICK SLAB)



VERTICAL STRIP COLUMN WITH MESH REINFORCEMENT.



STRUCTURAL ENGINEER'S EVALUATION OF EXISTING YARD FOR SYARIKAT KEJURUTERAAN SISTEMATIK SDN. BHD. (SKS) AT SG. DUHON, KUALA BELAIT, NEGARA BRUNEI DARUSSALAM.

REPORT INCLUDE CAPACITY OF EXISTING SHEET PILE EMBANKMENT, LOAD CAPACITY OF YARD (UP TO 50 TON PER SQ. METER), CAPACITY OF FACILITY BEAMS OR UNLOADING BEAM SUPPORT FOR OVERHEAD 3,000 M.TON FABRICATED OIL RIG AND KINETIC ENERGY OF MOORING BOLLARD FOR 5,000 TON VESSEL. TESTS CARRIED OUT INCLUDE PILE LOAD BEARING (DYNAMIC PILE ANALYSER AND KENTLEDGE SETUP) AND PLATE BEARING TESTS.

DESIGN AND CONSTRUCTION OF 300mm THICK R.C. FLAT SLAB APRON SLAB FOR 200 TON CRAWLER CRANE AT FRONT AREA OF EMBANKMENT PILE TO REDUCE SURCHARGE LOAD.



2012/06/22 11:42

FABRICATION UNDERWAY FOR SUPPORTING STRUCTURE FOR OIL RIG AT SG. DUHON YARD, KUALA BELAIT, NEGARA BRUNEI DARUSSALAM.



AL-FALAAH SCHOOL, JALAN KEBANGSAAN LAMA, BANDAR SERI BEGAWAN,
NEGARA BRUNEI DARUSSALAM.



CANALISATION OF RIVER KIANGGEH, BANDAR SERI BEGAWAN,
NEGARA BRUNEI DARUSSALAM.



POLICE DISTRICT HEADQUARTERS, BANDAR SERI BEGAWAN,
NEGARA BRUNEI DARUSSALAM.



POLICE DISTRICT, RANK AND FILE FLATS, BANDAR SERI
BEGAWAN, NEGARA BRUNEI DARUSSALAM.



KINDERGARTEN BLOCK, CHUNG HUA MIDDLE SCHOOL, KUALA BELAIT,
NEGARA BRUNEI DARUSSALAM



LORONG TIGA MOSQUE, SERIA, KUALA BELAIT, NEGARA BRUNEI DARUSSALAM.
PUBLIC COMMUNITY SERVICE (CIVIL AND STRUCTURAL ENGINEERING DONATION DESIGN).

COMMUNITY SERVICES



a. ST. MARGARET CHURCH, LORONG TIGA BARAT, SERIA, NEGARA BRUNEI DARUSSALAM.

COMMUNITY SERVICE (DONATED CIVIL AND STRUCTURAL ENGINEERING DESIGN)

b. ST. ANGELA SCHOOL, KUALA BELAIT, NEGARA BRUNEI DARUSSALAM.
(DONATED CIVIL AND STRUCTURAL ENGINEERING DESIGN)



CHINESE TEMPLE AT TEDUNGAN (NEAR KUALA LURAH) LIMBANG, SARAWAK
(Donated Architectural, Civil and Structural Engineering Consultancy Services.)

Some of the recent projects now in progress:

1. BRUNEI STATE MEDICAL STORE (2 Hectares) at Kampong Rimba, Bandar Seri Begawan, Negara Brunei Darussalam.
Project Value = BND\$10 million.



2. 10 STOREY HIGH 63 UNITS CONDOMINIUM APARTMENT, JALAN MAULANA, KAMPONG PANDAN, KUALA BELAIT, NEGARA BRUNEI DARUSSALAM.
Project Value = SGD \$10 million



3. PROPOSED OFFICE, WORKSHOP AND WAREHOUSE AT LOT 86 & 87, SG. BERA INDUSTRIAL ESTATE, SERIA, KUALA BELAIT, NEGARA BRUNEI DARUSSALAM.
Project Value : BND \$3.6 million



4. PROPOSED KITCHEN AND DINING HALL WORKS AT MERANGKING PRIMARY SCHOOL, BELAIT DISTRICT, NEGARA BRUNEI DARUSSALAM.
CONTRACTOR: IMPIAN JAYA SDN. BHD.
COMPLETION: 2015
5. PROPOSED 5 UNITS DOUBLE STOREY, TERRACE HOUSES ON LOT 32242, KG. MULAUT, MUKIM SENGKURONG, NEGARA BRUNEI DARUSSALAM.
CONTRACTOR: TBOCK SDN. BHD.
COMPLETION: 2016
6. PROPOSED NEW OFFICE AND NEW COLD STORAGE WAREHOUSE ON TGT SDN. BHD. AT PLOT 32 & 33, KG. SALAR INDUSTRIAL ESTATE, NEGARA BRUNEI DARUSSALAM (BRUNEI MEAT COMPANY)
CONTRACTOR: TGT SDN. BHD.
COMPLETION: 2017
7. PROPOSED X-RAY CONTAINER UNITS FOR THE ROYAL CUSTOMS AND EXCISE DEPARTMENT, NEGARA BRUNEI DARUSSALAM (FOUR CHECK POINTS).
CONTRACTOR: KOSI SDN. BHD./ BINA JAJ SDN. BHD.
COMPLETION: 2016
8. ON GOVERNMENT SERVICE:
UPGRADING AND NEW PUBLICATION OF PBD 3 (REPLACING PBD3 – 1992 CARBON STEEL BARS FOR REINFORCEDMENT OF CONCRETE) TO ISO 6935-2 STANDARD...
COMPLETION: END OF 2015
9. ON GOVERNMENT SERVICE:
UPGRADE AND NEW PUBLICATION OF PBD2 (REPLACING PBD2-1992 – WELDED STEEL FABRIC FOR THE REINFORCEMENT OF CONCRETE) TO ISO 6935-3 STANDARDS. IN PROGRESS AND TO COMPLETE IN 2017.

10. PROPOSED CONSTRUCTION OF ADDITIONAL BLOCK BUILDING FOR HASSANAL BOLKIAH ARAB MEN'S SECONDARY SCHOOL AT JALAN TUTONG, NEGARA BRUNEI DARUSSALAM

11. 3,500 CUBIC METER CONCRETE RESERVOIR FOR DIPLOMATIC ENCLAVE AT JALAN KEBANGSAAN.



12. PROPOSED DESIGN AND CONSTRUCTION FOR THE NEW COLD STORAGE BUILDING AND EQUIPMENTS INSTALLATION AND COMMISSIONING OF THE NEW COLD STORAGE IN MUARA FISH LANDING COMPLEX.



13. PROPOSED SATELITE STATION
with 30m high mast for BDMD

(Cadangan Tapak Bagi Pembinaan Penempatan Sistem Radar Cuaca Serta Sistem-Sistem Kaji Cuaca Jabatan Kaji Cuaca Brunei Darussalam, Kampung Melabau, Mukim Kianggeh, Daerah Brunei Dan Muara, Negara Brunei Darussalam.
Site is about 15 acres on a platform at R.L 63M Top of mast is about R.L 93M

