



Dr. FIRRDHAUS ARCHITECT

Sustainability in
Architecture | Master Planning | Interior Design

Company Summary

Dr. Firrdhaus Architect (DFA)

Dr. Firrdhaus Architect (SP/M 215), founded in 2021, is a young, energetic, and progressive architectural firm registered with the Malaysian Board of Architects (LAM). We provide and deliver architecture-related services that include not only building but also master planning and interior design. Our expertise is in sustainability principles for improving health and comfort while emphasizing energy efficient developments. Having extensive experience in this field, we aspire to be a well-known and leading architecture firm that promotes sustainability in Malaysia.

Our Motto

'Sustainability in Architecture, Master Planning and Interior Design'



Vision

To be a leading architecture firm that sets a new benchmark in providing sustainable architecture, master planning and interior design using 'state-of-the-art' technologies in Malaysia.

Mission

In order to achieve our vision, we will engage in design discovery, research development, and industry engagement with other stakeholders such as high education institutions, technical government organisations and construction industry players.

Values

Our products will emphasize on sustainability principles which will sustain creative thinking and progressive interest in providing meaningful living experiences.



Our Design Philosophy

“Design is the transmission of knowledge that enhances and fulfils the aesthetical values of the development with our technical expertise in order to create a sustainable living environment through design discovery, research development, and industry engagement, which will sustain creative thinking and progressive interest in providing meaningful living experiences”

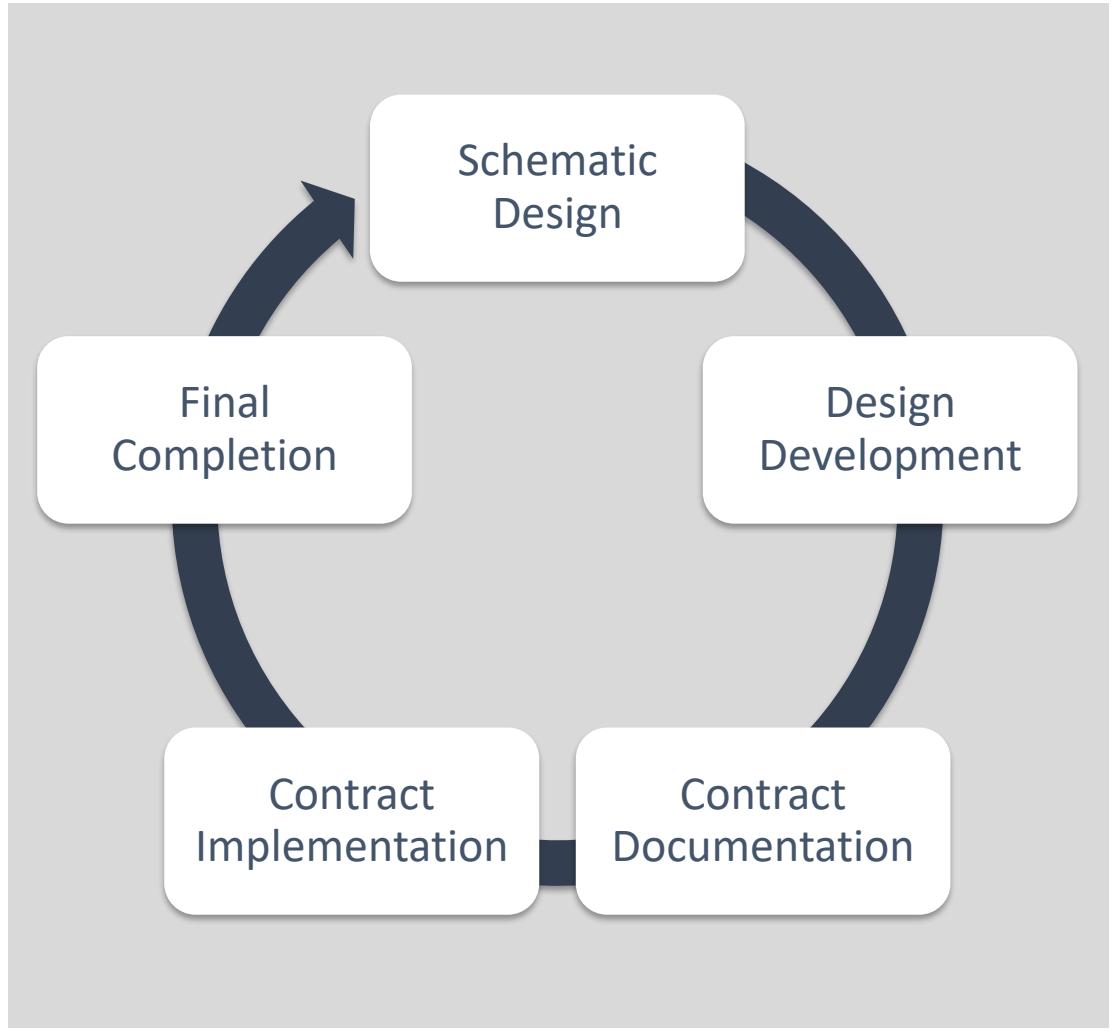
-DFA-



Our Basic Services

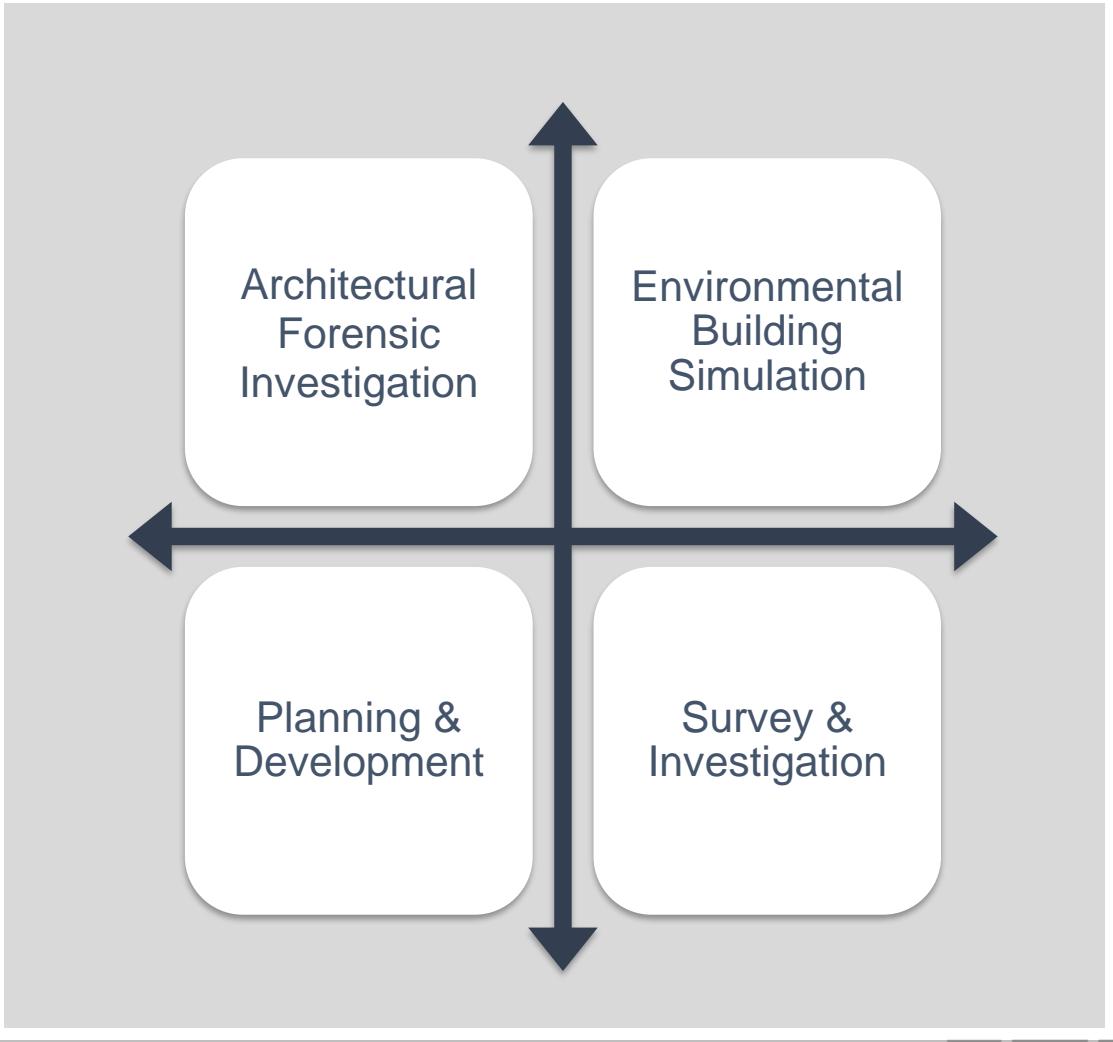
Our basic services include the following orders as shown in the diagram. These services could be provided entirely or partially in accordance with the project's current phase. The projects listed below are suitable but not limited for these services:

- New Building Project
- Renovation Building Project
- Interior Design Project



Our Additional & Supplementary

- For any large-scale project, we perform master planning and propose relevant activities and development.
- We offer interior design consultancy services through our interior design team.
- Aside from physical project management, we also conduct architectural forensic investigations of any problematic existing buildings, for which we will produce a detailed forensic report.
- We also perform environmental building simulations on new and existing buildings to assess energy consumption and energy efficiency.



MEET THE TEAM





**Ar. Dr. Mohd Firrdhaus Mohd
Sahabuddin**
Principal (Founder) / Head of
Architecture Team

Ph.D in Sustainable Architecture
(Strathclyde); M.Sc Advanced Sustainable
Design (Edinburgh); Bachelor in Architecture
& Diploma in Architecture (Universiti
Teknologi Malaysia)

Ar. Dr. Mohd Firrdhaus Mohd Sahabuddin is a Professional Architect registered with the Board of Architects Malaysia (LAM) and a member of the Royal Incorporation of Architects Scotland (RIAS). He also a member of the Chartered Institute of Building Services Engineers (CIBSE) and the American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE). His research work is focusing on the area of sustainable architecture, majoring in indoor air quality and thermal comfort.

He worked with the Public Works Department (PWD) of Malaysia from 2005 to 2021. His last position was as the Head of the Architectural Forensic Unit in the Architectural Branch, Public Works Department of Malaysia. He has dedicated his passion to sustainable architecture since 2004 which he had an opportunity to propose a high social impact project called 'Multi-Level Muslim Cemetery Complex' which later was inserted in Architecture Malaysia Magazine in 2004. As a graduate architect from 2004 to 2015 and a professional architect from 2016 to 2021 in PWD Malaysia, he involved in designing various educational and institutional buildings, among the most prestigious was 'Labuan International School' (LIS) in the Federal Territory of Labuan, Malaysia. For the last 5 years in PWD Malaysia, he served as a research architect involving various research projects done internally and also externally collaborated with local government institutions.

Mohd Rafee Md Aris has extensive marketing experience, having worked in the marketing and event management industries for over 20 years. He has also had notable experiences in solicitation, brand building, sponsorship, brand management, consultancy, and coaching. He has a strong innovative mind for cross-platform big ideas for broadcast, digital, social media, print, and cross-platform advertising. He also has extensive contacts and a network with industry leaders in both the public and private sectors. As a Digital Marketing mDec Trainer, he has excellent verbal, written and presentation Toastmasters skills.

He is currently the Acting President of the Malaysia Anti-Corruption Foundation (MACF) and managed to establish MACF branches in each of the country's 14 states. He is also the Head of the Community and Media Relations Division in the organisation, which conducted anti-corruption and integrity talks and forums in educational institutions, businesses, and government entities. Over the last 2 decades he worked as Consultant for Just On Sports Sdn Bhd; Vice President (Malaysia) for Total Sports Asia; Business Development Director for Total Sports Asia; Account Director for CD Advertising Sdn. Bhd.; General Manager for Tiga Events Sdn. Bhd. / TV3 (MEDIA PRIMA) and Manager at NTV7.



Mohd Rafee Md Aris
Chief Marketing Officer

B.A. in Mass Communication (Advertising),
Dean's List, Class of 1986, MARA Institute
of Technology



Zulfadzli Zamhari
Head of Interior Design Team

Degree in Interior Architecture (UiTM Puncak Alam) ;
Diploma in Interior Architecture (UiTM Seri Iskandar)

Zulfadzli Zamhari is a UiTM graduate in Interior Design, for his final year project, he design a cycling community center for Putrajaya cyclist community. The main objective of the project was to provide a one stop center for all cyclist for children to adults. His thesis topic was 'Restaurant Interior Environment effects the dining experience'. He graduated from UiTM in 2018 and began his career as a Interior Design Project Lead.

Within 6 years of work experience, starting out as an Interior Designer, he quickly became a Project Manager. He has been involved in commercial, education and residential projects, ranging from high rise apartments to landed houses.

Zulhilmi Mohamed Sidek is a highly experienced procurement expert with a Higher National Diploma (HND) in Manufacturing Engineering from BTEC EDEXCEL UK. He has extensive experience in the field of engineering, including naval architecture. He has spent the last 20 years as an executive manager in a few well-known engineering firms that require high-demand managerial skills. He also has substantial experience in on-site supervision, having overseen the day-to-day procurement operation, performed quality control inspections, and coordinated work with other stakeholders.

Amongst his expertise are efficiently implementing work flow, imposing departmental standards and guidelines, coordinating project and processes and interpreting and implementing corporate policies and producers within the area of responsibility.



Zulhilmi Mohamed Sidek
Head of Production Team

Higher National Diploma (HND) in Manufacturing
Engineering-BTEC EDEXCEL UK

PROJECT INVOLVEMENT (COMPLETED)



Labuan International School (LIS)

Architecture



Client

: LOFSA & MOF

Type of Project : Institution

Location

: WP Labuan

Project Cost (RM)

: RM50 million

Completion Date

: 2012

Building(s) :

- Administration & Academic Block
- Master Planning

Scope of Works :

- Designing schematic design
- Preparing detail drawings & tender drawings
- Getting BOMBA approval
- Partial supervising on site



Academic Block (UiTM Sabah)

Architecture

Client	: UiTM & MARA
Type of Project : Institution	
Location	: Kota Kinabalu, Sabah
Project Cost (RM)	: RM40 million
Completion Date	: 2009
Building(s) :	
• Master Planning	
• Academic Block	
Scope of Works :	
• Designing schematic design	
• Preparing detail drawings & tender drawings	
• Getting BOMBA approval	
• Partial supervising on site	



Staff Quarters (Bukit Jalil Sport School)

Architecture

Client : KPM & MSN

Type of Project : Residential

Location

: Bukit Jalil, K.Lumpur

Project Cost (RM)

: RM13 million

Completion Date

: 2009

Building(s) :

- Quarters Block (16 Units)

Scope of Works :

- Designing schematic design
- Preparing detail drawings & tender drawings
- Getting BOMBA approval
- Partial supervising on site



Gurney Heights Condo

Interior Design



Client : Private

Type of Project : Residential

Location

: Gurney Heights Condominium

Project Cost (RM)

: 300k

Completion Date

: 8 October 2020

Building Components

:

- Duplex Condominium

- 4000sqft

- 4 Bedrooms, 3 Bathrooms

Scope of Works :

- Designing schematic design

- Preparing detail drawings

- Site supervision



The Brew Crew

Interior Design

Client	: The Brew Crew
Type of Project : Cafe	
Location	: Menara Serba Dinamik
Project Cost (RM)	: 150k
Completion Date	: 8 June 2020
Building Components	:
• 2500sqft Ground Floor Lobby	
• Service Area	
• Open plan seating area	

- Scope of Works :
- Designing schematic design
 - Preparing detail drawings
 - Site supervision



Tsun Jin School Library

Interior Design

Client : Tsun Jin School

Type of Project : Library

Location : Tsun Jin School

Project Cost (RM) : 1.8M

Completion Date : 31 January 2020

Building Components :

- Reception Lobby
- Computer Lab
- Study Room
- Reading Area

Scope of Works :

- Designing schematic design
- Preparing detail drawings
- Site supervision



PROJECT IN-HANDS (PROPOSAL)



No.68 Bukit Setiawangsa

Architecture



Client : Individual Owner

Type of Project : Residential Terrace

Location : Bukit Setiawangsa, K.Lumpur

Project Cost (RM) : 250k

Completion Date : 2022

Building(s) :
• Residential

Scope of Works :

- Designing schematic design
- Preparing detail drawings & costing
- Getting approvals from local authority



Lot 4809 Jalan Redan, Sijangkang

Architecture



Client : Individual Owner

Type of Project : Single Storey Bungalow

Location : Sijangkang, Selangor

Project Cost (RM) : 250k

Completion Date : 2022

Building(s) :

- Residential

Scope of Works :

- Designing schematic design
- Preparing detail drawings & costing
- Getting approvals from local authority



Floating Musolla

Architecture



Client : Local Community in Semenyih

Type of Project : Religious Building

Location : Semenyih, Selangor

Project Cost (RM) : 200k

Completion Date : 2022

Building(s) :

- Praying Hall

Scope of Works :

- Designing schematic design
- Preparing detail drawings & tender drawings
- Getting BOMBA approval
- Supervising on site



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ID Works for NACSA (Cyber Axis Tower)

Interior Design

Client : NACSA

Type of Project : Office

Location : Cyber Axis Tower

Project Cost (RM) : 1 Million

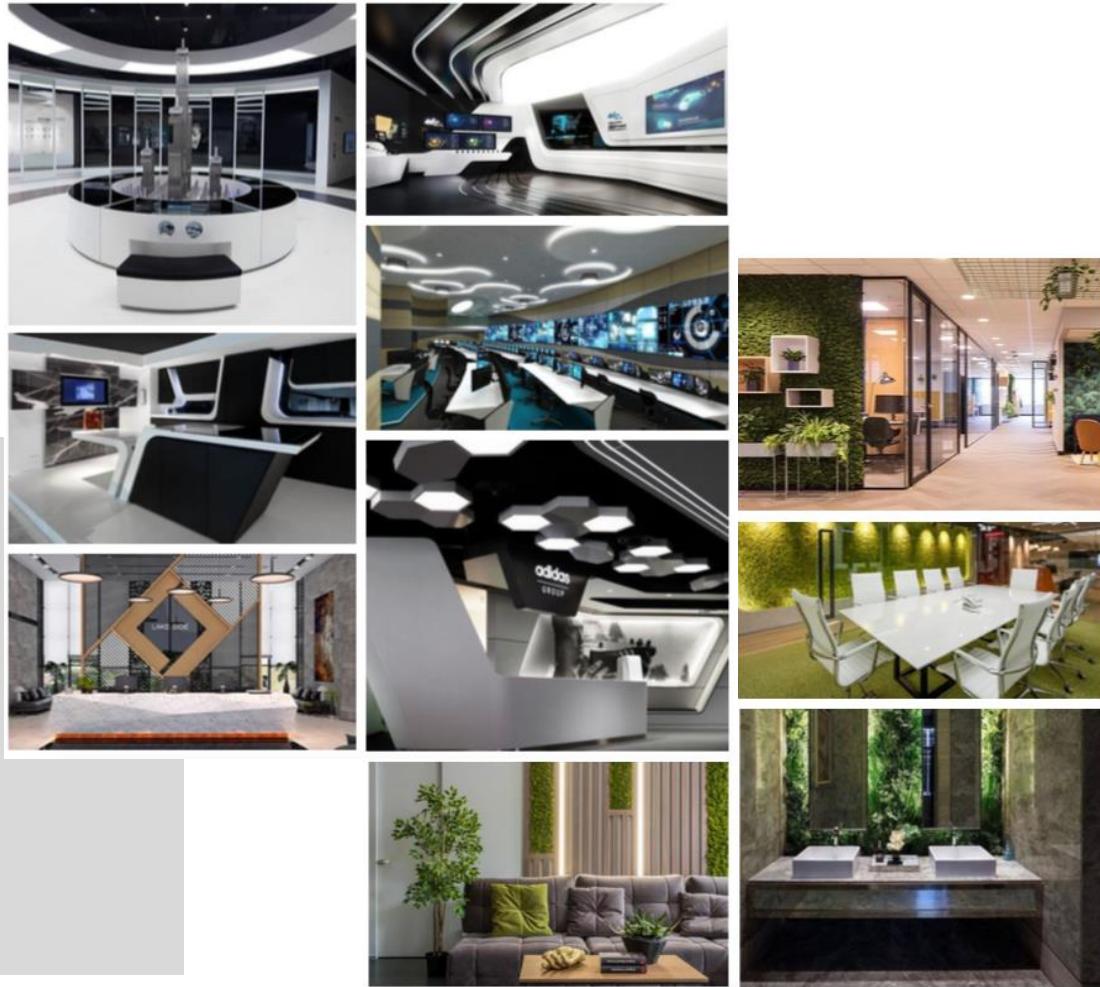
Completion Date : 2022

Building Components :

- 20,000 sqft 2 level basement office
- Auditorium, Operation Room etc.
- B&W Futuristic and Biophilia Concepts

Scope of Works :

- Schematic Design by RAJPORT Sdn. Bhd.
- Preparing detailed and shop drawings
- Getting BOMBA and Local Authority approvals
- On-site monitoring



The Brew Crew (Menara Manulife)

Interior Design

Client :The Brew Crew

Type of Project : Cafe

Location : Menara Manulife

Project Cost (RM) : 150k

Completion Date : -

Building Components :

- 2500 sqft Ground Floor Lobby
- Service Area
- Open plan seating area

Scope of Works :

- Designing schematic design
- Preparing detail drawings



Village Resort @Kg Tanah Merah, Kuala Kangsar

Architecture

Client : Private Land Owner

Type of Project : Commercial

Location : Kg. Tanah Merah, Kuala Kangsar, Perak

Project Cost : RM1 million

Completion Date : 2023

Building Components :

- Cabin Chalet
- Administration Building
- Common Facilities Building

Scope of Works:

- Preparing Schematic Design
- Preparing Detail Drawings
- Preparing Initial Costing Documents



DESIGN COMPETITIONS

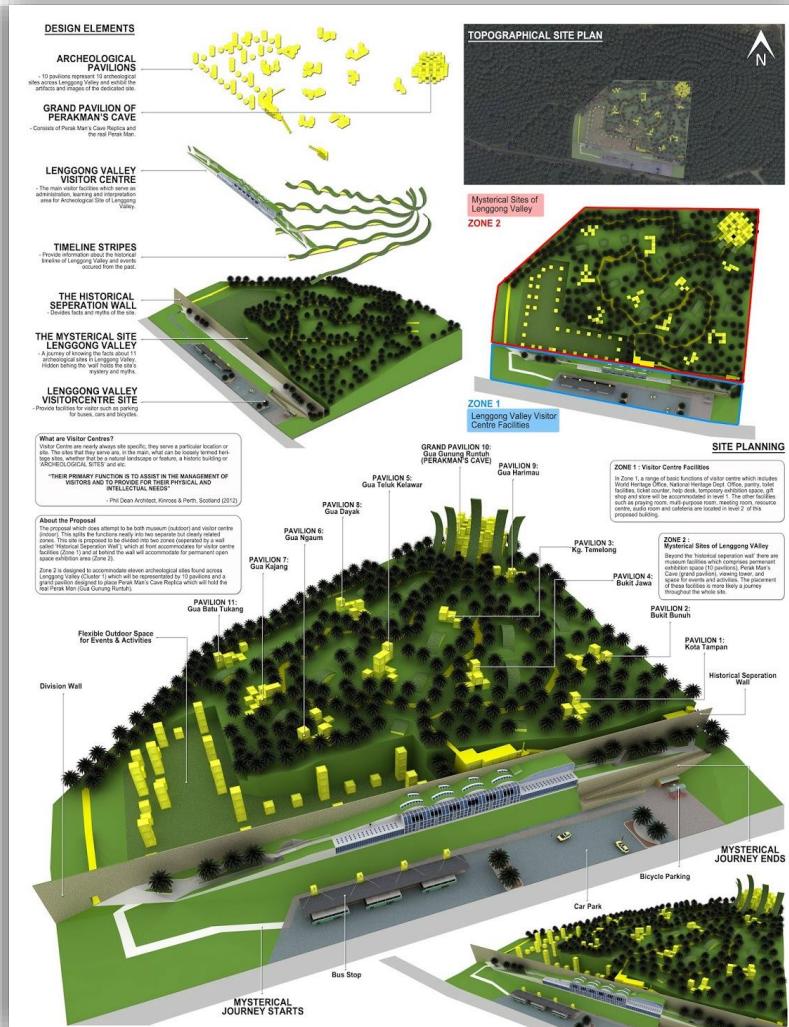


Architecture Idea Competition for Lenggong Valley Visitor Center

Client : PAM & JWN
 Location : Lenggong, Perak
 Competition Date : 2013
 Building/Space Components :

- Proposed spatial requirements
- Floor plan, sections and elevations
- Exterior and interior perspectives that express the design intention
- A description of the entry including views on how the proposed design relates to the existing environment (buildings, cultural and natural values)

Scope of Works :
 Designing schematic design



ARCHITECTURAL FORENSIC INVESTIGATIONS

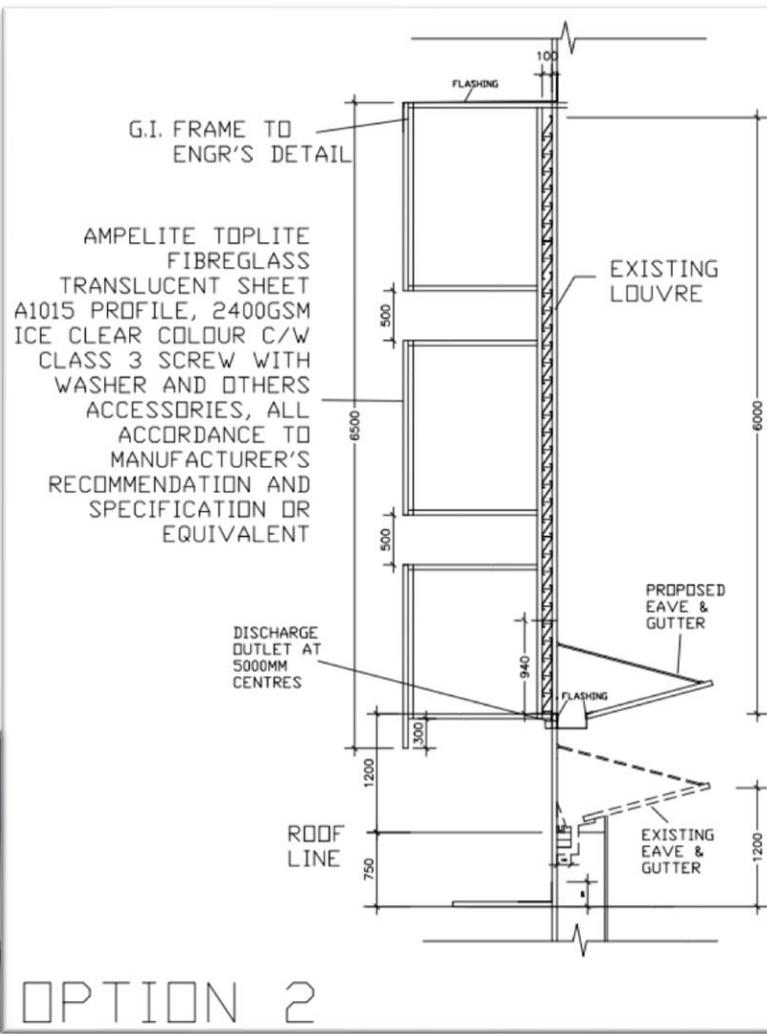


A400M TUDM Hanger, Subang Airport

Client : TUDM Subang
Type of Project : Military Facility
Location : Subang Airport
Building Issues : Rainwater splash from louvres
Proposed Solutions : Vertical and horizontal shading and rainwater device protection made from translucent sheet

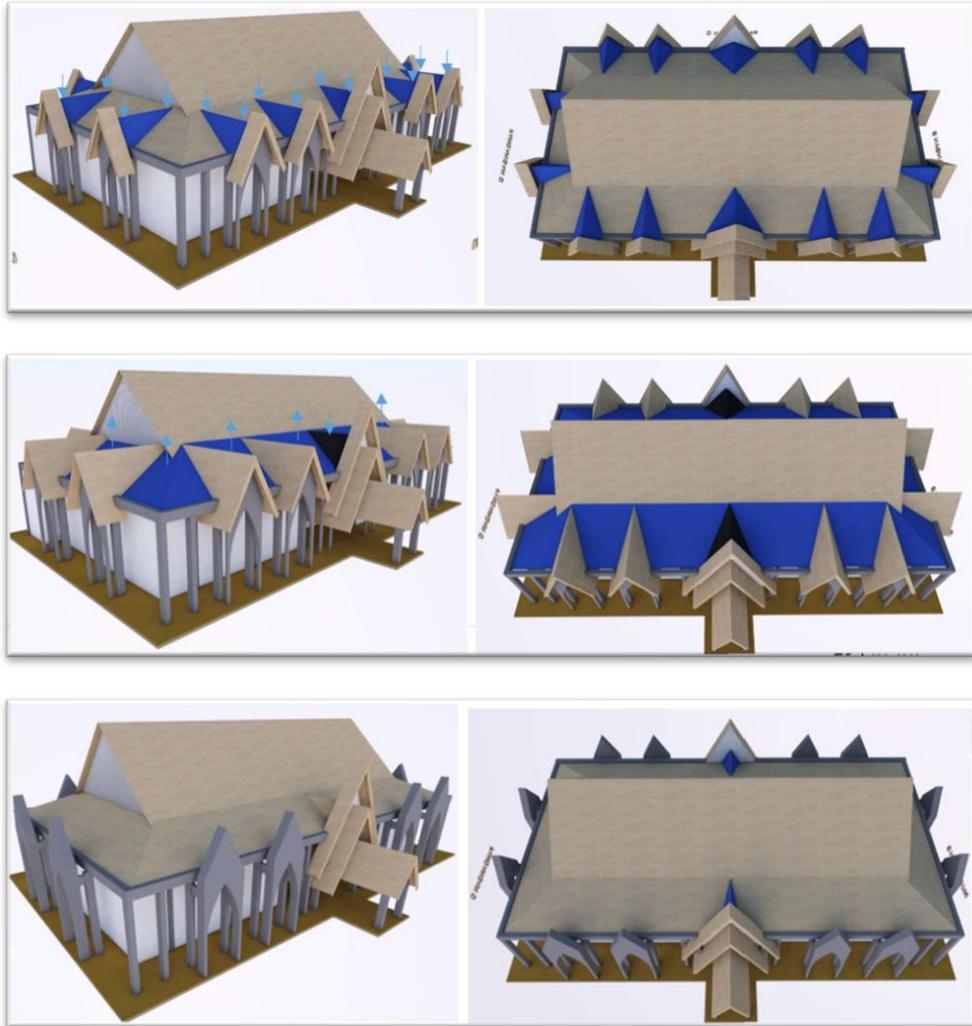


high



Jabatan Audit Negara, Melaka

Client : JAN & JKR Melaka
Type of Project : Government Office
Location : Melaka
Building Issues : Roof leaking and development of mould
Proposed Solutions : 3 new roof design proposals with omission at certain parts of existing roof



Jabatan Kehakiman Syariah, Negeri Sembilan

Client : JAINS & JKR Negeri

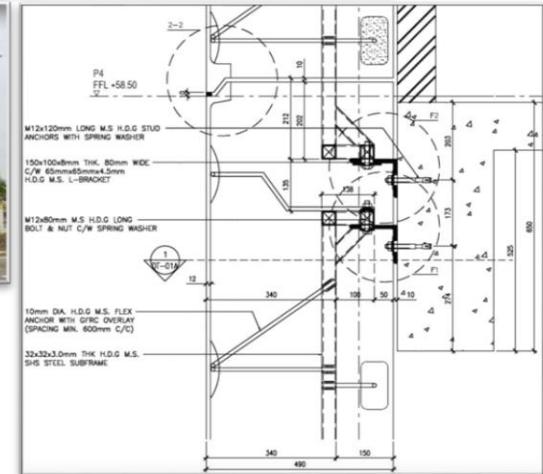
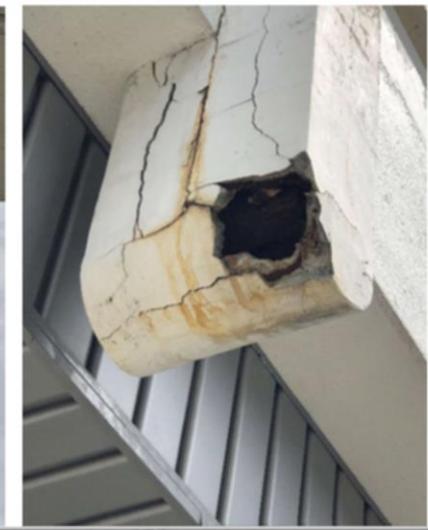
Sembilan

Type of Project : State Government
Office

Location : Sendayan, Negeri
Sembilan

Building Issues : GFRC failure (crack
fall)

Proposed Solutions : Proposing a new
installation method
for GFRC composites



Depot Tahanan Imigresen Langkap, Perak

Client

: Jabatan Imigresen
Malaysia & JKR Hilir

Perak

Type of Project : Government Office

Location : Langkap, Perak

Building Issues : Sweating Slab Syndrome

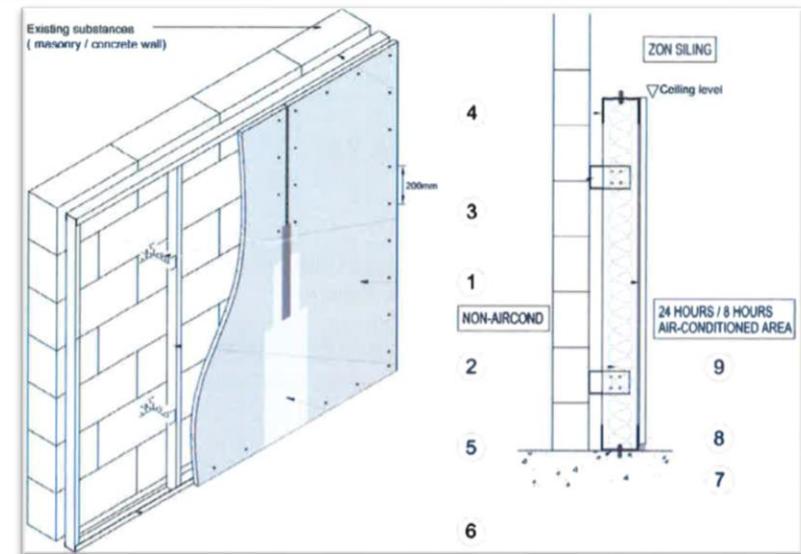
Proposed Solutions : Proposing a detail
investigation on the

porosity of the half

slab and redo the
concrete work for

the

slab.



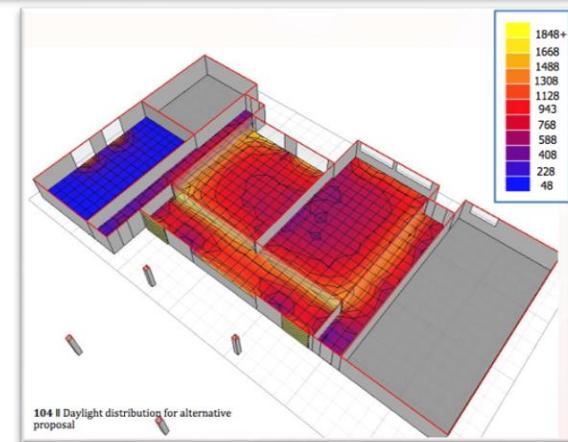
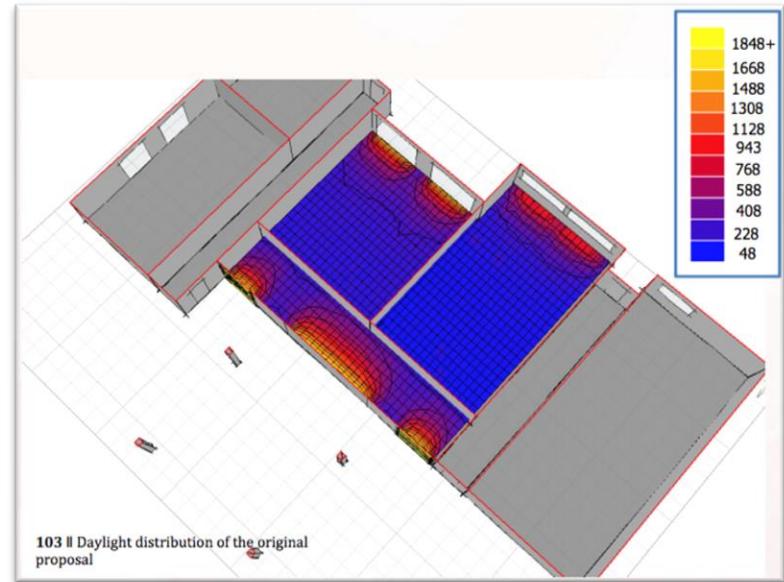
ENVIRONMENTAL BUILDING SIMULATIONS



Simulation for Lembaga Getah Malaysia Building, Tg. Pelepas, Johor

Client : JKR & LGM
Type of Project : Laboratory Block
Location : Tg. Pelepas, Kota Tinggi
Software Used : Ecotect Analysis
Scope of
Simulation Works :

- Daylight Factor
- Solar Radiation Analysis



Simulation for Lembaga Getah Malaysia Building, Tg. Pelepas, Johor

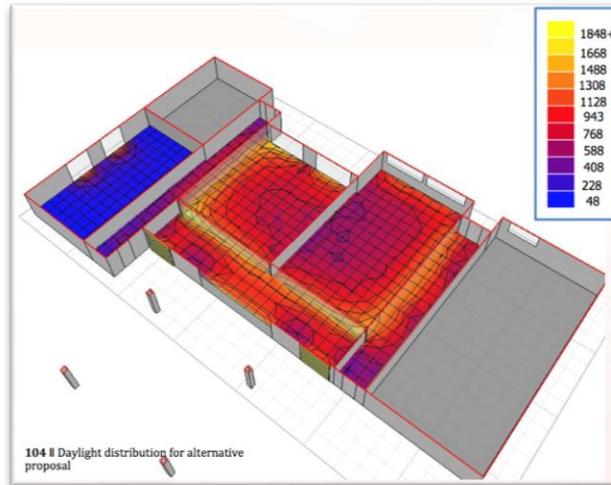
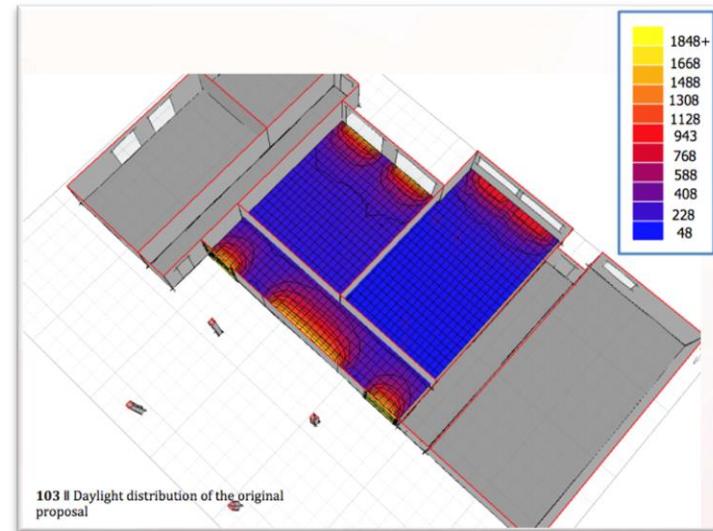
Client : JKR & LGM
Type of Project : Laboratory Block

Location : Tg. Pelepas, Kota Tinggi

Software Used : Ecotect Analysis

Scope of
Simulation Works :

- Daylight Factor
- Shadow Analysis
- Solar Radiation Analysis



Simulation for Putrajaya Mosque, Putrajaya

Client : JKR

Type of Project : Common Building

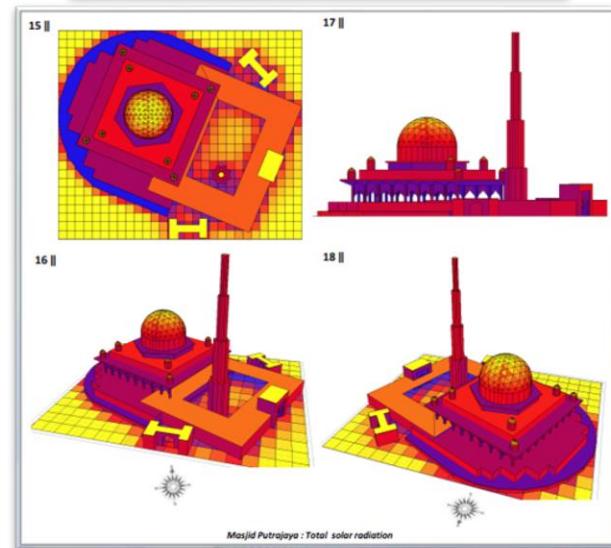
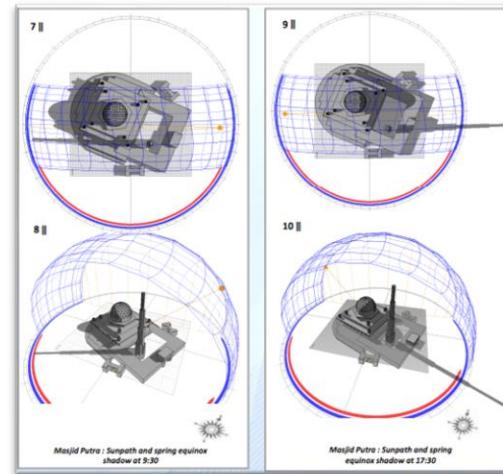
Location : Putrajaya

Software Used : Ecotect Analysis

Scope of

Simulation Works :

- Daylight Factor
- Shadow Analysis
- Solar Radiation Analysis



Simulation for Century Square, Cyberjaya

Client : MSC

Type of Project : Office (Administration)

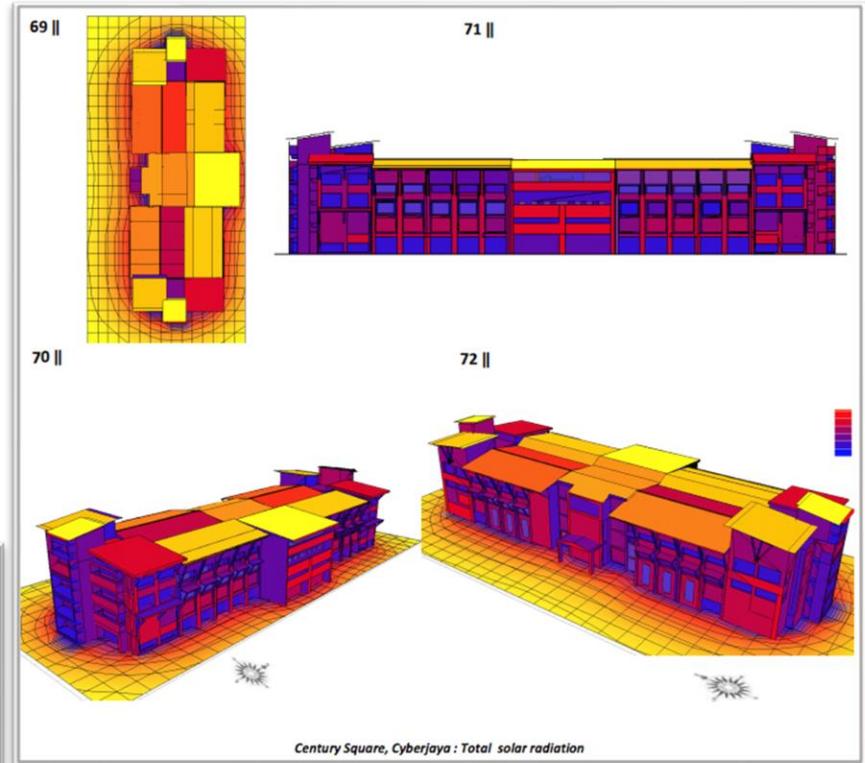
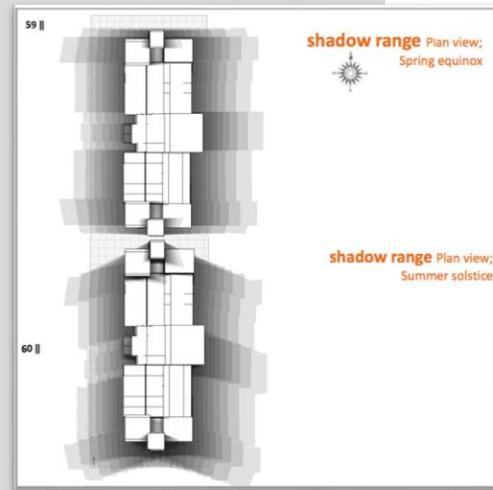
Location : Cyberjaya

Software Used : Ecotect Analysis

Scope of

Simulation Works :

- Daylight Factor
- Shadow Analysis
- Solar Radiation Analysis



RESITRATION CERTIFICATES



Principal Registration

AKTA ARKITEK 1967
KAEDAH-KAEDAH ARKITEK 1996

LEMBAGA ARKITEK MALAYSIA



PERAKUAN PENDAFTARAN SEBAGAI
ARKITEK

Ini adalah untuk memperakui bahawa
Ar. MOHD FIRRDHAUS BIN MOHD SAHABUDDIN

No. Pendaftaran : A/M 215, telah mematuhi kehendak-kehendak Akta Arkitek 1967 tertakluk mematuhi Seksyen 8 di bawah Akta ini.

Perakuan pendaftaran ini habis tempoh pada **31 Disember 2021**.



2021

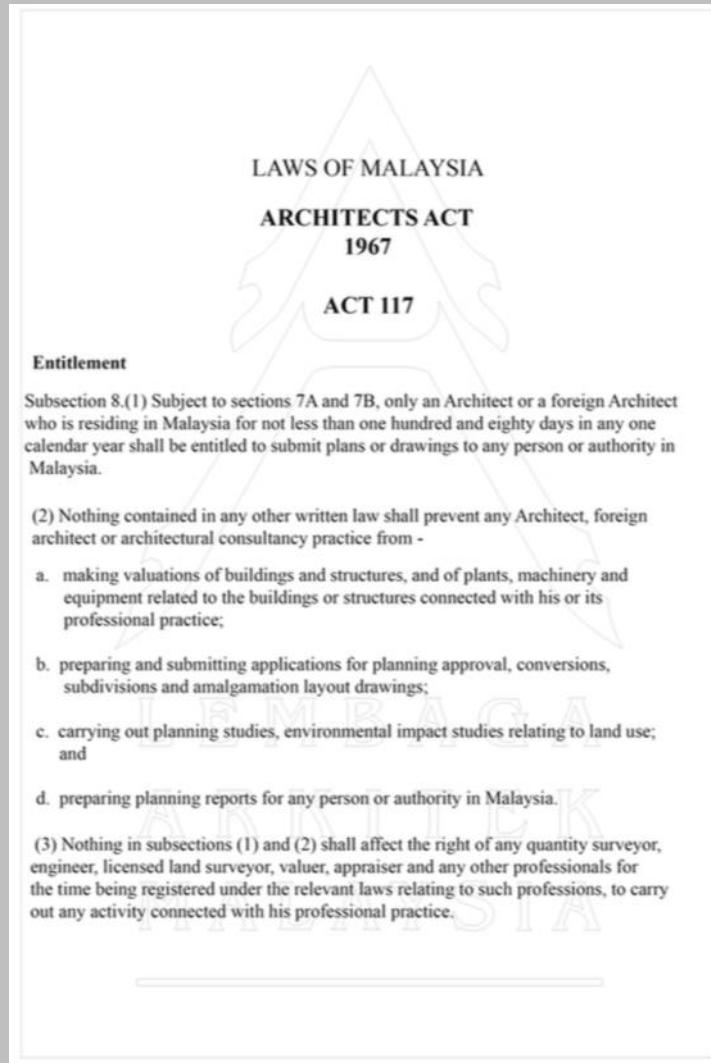
Ar. ZAIRUL AZIDIN BIN BADRI
Yang Dipertua



Ar. ABD. SHUKOR BIN ISMAIL
Pendaftar



Tarikh Dikeluarkan: 27/01/2021



Company Registration

AKTA ARKITEK 1967
KAEDAH-KAEDAH ARKITEK 1996

LEMBAGA ARKITEK MALAYSIA



No Perakuan : 380/2021

PERAKUAN PENDAFTARAN
PENGAMAL PERUNDINGAN SENIBINA

Ini adalah memperakui bahawa

Dr. FIRRDHAUS ARCHITECT

No. Pendaftaran : SP/M 215

suatu ketuanpunyaan tunggal, setelah mematuhi kehendak-kehendak Akta Arkitek 1967 adalah didaftarkan sebagai suatu pengamal perundingan senibina menurut seksyen 7A Akta.



Ar. ZATRUL AZIDIN BADRI
Yang DiPertua

Ar. ABD. SIUKOR ISMAIL
Pendaftar

Tarikh dikeluarkan : 08/06/2021

**LEMBAGA ARKITEK MALAYSIA**
(Board of Architects Malaysia)
Tingkat 17, Blok F, Ibu Pejabat JKR
Jalan Sultan Salahuddin
50682 Kuala Lumpur
Alamat Pos:
Pet. Surat 12685
50786 Kuala Lumpur

Tel 603 - 26982678
603 - 26107087
Faks 603 - 26936881
E-mail info@lam.gov.my
Web www.lam.gov.my

Ruj. Kami : LAM A/M 215 3 Jun 2021

Ar. Dr. Mohd Firrdhaus bin Mohd Sahabuddin
C-31-09, Seri Maya Kondominium
Jalan Jelatek
54200 Kuala Lumpur

Tuan,

**Permohonan untuk Pendaftaran Praktis Perseorangan
di bawah Seksyen 7A Akta Arkitek 1967**

Dengan segala hormatnya saya merujuk kepada perkara yang tersebut di atas.

2. Adalah dimaklumkan bahawa permohonan tuan untuk menujuhan praktis perseorangan adalah diluluskan di bawah nama '**Dr. Firrdhaus Architect**' berkuatkuasa **8 Jun 2021**.

3. Contoh kepala surat yang tuan kemukakan adalah teratur dan boleh digunakan.

Sekian, terima kasih.

Dengan Arahan Lembaga Arkitek Malaysia,



(AMINAH ABD. RAHMAN)
Setiausaha Eksekutif





Business Name : Dr. Firrdhaus Architect (DFA)

Registration Number : SP/M 215 (LAM)

Address : No 23-2-K09, 2nd Floor,
Jalan Wangsa Delima 5,
Seksyen 5 Wangsa Maju,
53300 Kuala Lumpur.

Telephone : 03-41312770

Fax : 03-41442770

Email : admin@dfa-sustainability.com

Portfolio Website: <https://drfirrdhausarchite.wixsite.com/website>

Established Year : 2021

Business Type : Sole Proprietorship

Business Status : 100% Bumiputera