



INTERNATIONAL PRE-QUALIFICATIONS

BRINGING **PASSION** TO ENGINEERING.

WHY INFINITY?

BRINGING **PASSION** TO ENGINEERING.

Delivering engineering excellence through international expertise, local knowledge and collaborative partnerships.



WHY CLIENTS **CHOOSE US**



INTERNATIONAL EXPERTISE

Extensive engineering experience across residential, commercial, hospitality, healthcare, industrial and mixed-use developments in the Middle East and North America.



ESTABLISHED PRESENCE IN DUBAI

Successfully delivering engineering projects across the UAE for over 6 years with comprehensive knowledge of local authorities, regulations and approval processes.



COLLABORATIVE DESIGN APPROACH

Working as one integrated team with developers, architects and contractors from concept design through construction to deliver coordinated, practical and buildable solutions.



COMPLETE MULTIDISCIPLINARY ENGINEERING

Mechanical • Electrical • Plumbing • ELV & Security • Fire & Life Safety • Medical Gases • Acoustics • Commissioning • BIM Coordination.



EXTENDED NETWORK OF SPECIALIST PARTNERS

Through our trusted network of architects and specialist consultants, Infinity can support projects requiring a full Lead Design Consultant (LDC) scope, providing clients with a single, coordinated design team from concept through delivery.



QUALITY YOU CAN TRUST

Every project is delivered using robust Quality Assurance and Quality Control procedures, ensuring technically sound, coordinated and efficient engineering solutions.

100+ Projects

100+ Happy Clients



Global Experience

150+

Years of Team Experience



Local Presence

OFFERING EVERYTHING YOU NEED.



/infinitymeps



@infinitymeps



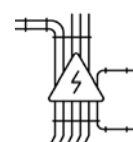
infinitymep.com

Infinity MEP+ Engineering, brings a passion to engineering, ensuring every client receives an exceptional, collaborative & communicative experience. By combining our passion with our team's global experience, Infinity listens, adapts, and responds to the needs of our clients across a host of engineering disciplines.

Whether data centers, multi-family, mixed-use, healthcare, higher education, hospitality, or industrial projects, Infinity ensures our clients' success by providing the right team of engineers for every project we work on. With collaborative & experienced engineers across mechanical, electrical, plumbing, structural, technology, fire protection, and commissioning, Infinity brings the right team to every task for every need.



MECHANICAL ENGINEERING



ELECTRICAL ENGINEERING



PLUMBING ENGINEERING



STRUCTURAL ENGINEERING



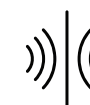
TECHNOLOGY DESIGN
MEDICAL GASES



SITE SUPERVISION



FIRE & LIFE SAFETY



ACOUSTIC DESIGN



LEED/ WELL DESIGN



CIVIL ENGINEERING

EVERY STRUCTURE WE DESIGN BEGINS WITH **QUALITY.**

OUR METHODOLOGY

Building on a foundation valuing responsiveness, experience, innovation, and attention to detail – our methodology is a holistic one which encompasses all aspects of a job. From initial scope of work to regional codes & guidelines to evolving needs of clients, we practice diligence in decision-making throughout every design phase.

BRINGING INFORMATION TO LIFE

Understanding the details of a project within the context of the client's vision is how we deliver success. Such perception begins with conversation involving key team members and stake holders to discern owner requirements, functions, regional codes and specs, operational requirements, and so much more. We use these conversations to ensure our work reflects the core values of our clients while delivering a structure which delivers a joyful and functional experience for its occupants.

COMMUNICATION AS A PRACTICE

Communicating is the load-bearing practice which holds our projects together and steers them to successful completion for our clients. Whether within our team or with stakeholders, owners, architects and other engineering firms – we know clear vision begins with open dialogue. From the first step when our senior team members hold a feasibility review of collected data and documents, through the project scoping process and initial queries, we communicate as we move our clients forward on the

QUALITY **ASSURANCE**

QUALITY **CONTROL**

QUALITY ASSURANCE

Infinity MEP+ meets and exceeds established quality assurance standards by being fully communicative and responsive throughout all stages of a project. Across the full project spectrum from design through construction, Infinity MEP+ applies a rigorous, robust, and consistent firm-wide / client-centric methodology for every project, every time.

QUALITY CONTROL

Employing this methodology ensures that every task – from design to engineering, from mechanical engineering to fire protection, and from punch walks to building commissioning – is met with the same rigorous adherence to best practices, standards, and optimization for the end users who will work, live, and call our designed structures home.

BRINGING IT ALL TOGETHER

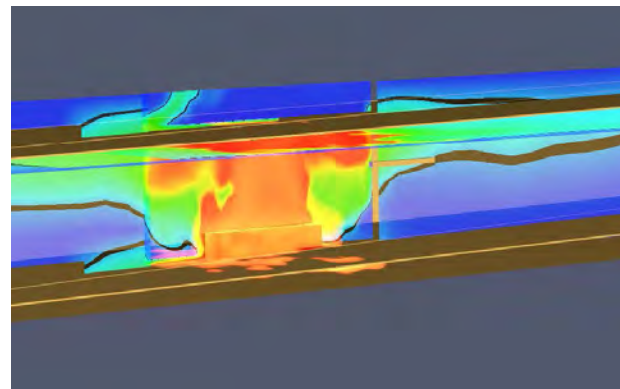
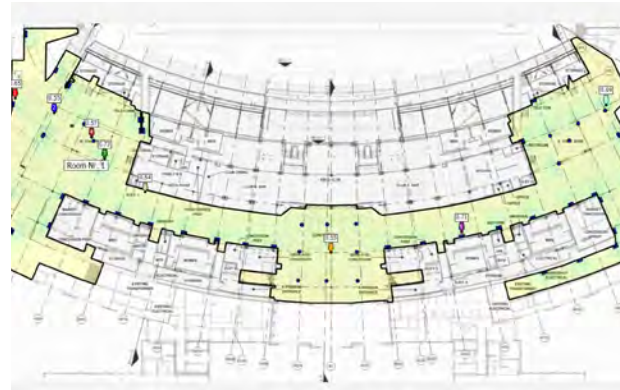
Quality is the cornerstone upon which our passion for engineering is built, as such the Infinity MEP+ family of professionals ensures that we continually educate ourselves in every discipline we work in. Doing so ensures that everything we design reflects the most up-to-date standards and methods which will empower our clients to deliver



Fire & Life Safety

The Infinity MEP+ Fire Protection Engineering (FPE) team offers a variety of technical modeling services to support unique building design and performance-based design solutions.

We pride ourselves on our quality of work, high client satisfaction and accessibility across the country. We strive to provide cutting-edge fire protection system design and engineering solutions for our clients, while considering aesthetics, function and cost.



Acoustical Modeling with Ease EVAC

Design and Simulation of Mass Notification Systems

The Infinity FPE team brings expertise and precision to mass notification system design, ensuring optimal intelligibility in challenging acoustic spaces. Simulating and assessing system effectiveness allows for early identification of locations where intelligibility may fall short of requirements. The team proactively addresses potential intelligibility issues during the design phase and provides solutions to prevent costly changes during construction and testing.

Egress Modeling with Pathfinder

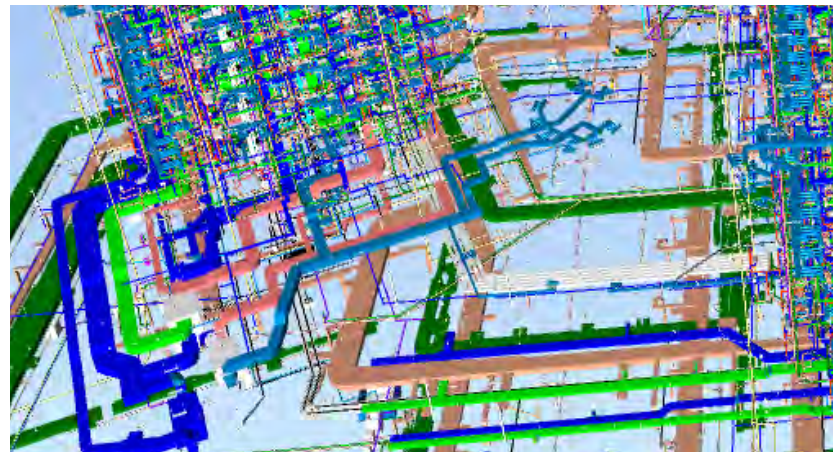
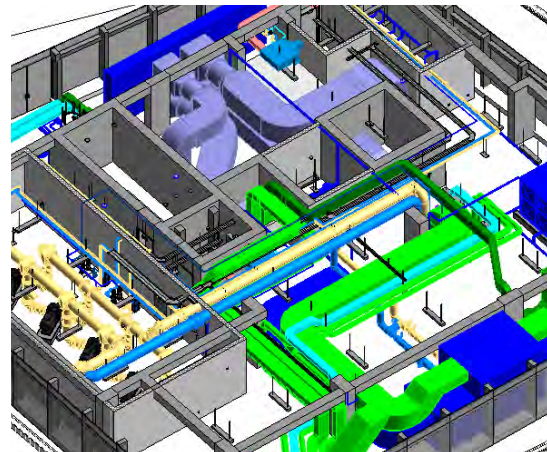
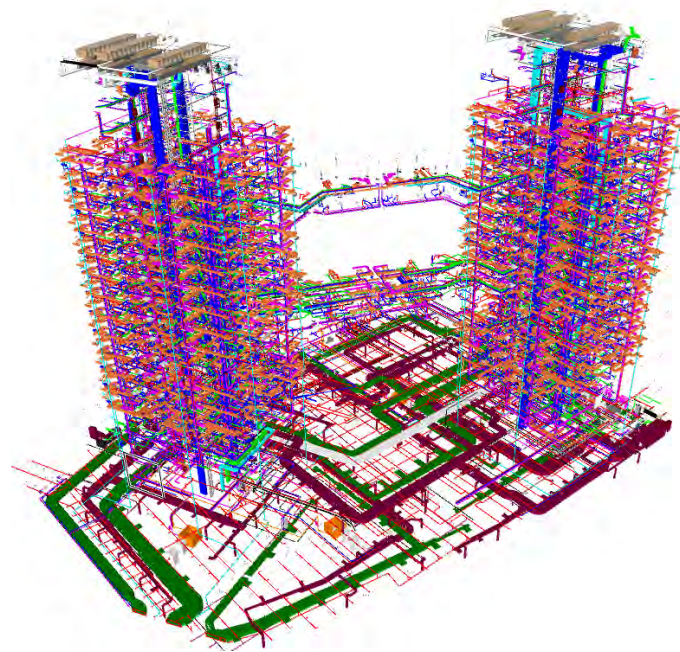
Exiting and Occupant Flow Modeling

Infinity excels in evaluating building designs to determine accurate Required Safe Egress Times (RSET). Using advanced modeling techniques, occupant behavior is analyzed to identify potential concerns in building design and develop effective solutions for safe and efficient egress strategies. Whether your design aligns with prescriptive code requirements or requires performance-based alternatives, we provide expert guidance to ensure code compliance and occupant safety.

Computational Fluid Dynamic (CFD) Fire Modeling with PyroSim

Fire and Smoke Migration Modeling

Our team specializes in fire modeling using design scenarios that provide quantitative and qualitative assessments of fire behavior. These scenarios reinforce the effectiveness of exit strategies or performance-based solutions when strict compliance with prescriptive code requirements isn't possible. This modeling supports smoke control rational analyses, timed egress models, and fire suppression system design, ensuring comprehensive safety measures.



OCEANO Twin-Tower Luxury Residence REVIT Models

BIM INTEGRATION

Infinity MEP+ provides world-class engineering services for all types of projects utilizing the latest in 3D design systems to integrate the engineering design into the architecture and structure of the building. These methods enable us to provide a cost effective and well-coordinated design, ensuring a smoother construction process.

ENERGY EFFICIENT DESIGN

SUSTAINABILITY

Infinity MEP+ Consultants has extensive experience in energy-efficient design along with improving indoor air quality. The firm has successfully completed multiple LEED-awarded projects and currently employ seven LEED-certified engineers across our offices who are well-versed in sustainable design principles.

Infinity's approach to energy efficiency includes high-performance HVAC system design, optimized lighting and controls, and building envelope coordination to reduce energy consumption while enhancing occupant comfort. We focus on proper ventilation strategies and have no issues opting for low-emission materials to create healthier learning and working environments. Energy modeling and life cycle cost analysis are steps we take to guide design decisions that maximize efficiency.

VALUE ENGINEERING

COST ESTIMATING & CONTROLS

Controlling and anticipating costs is a potential source of anxiety for any client. Infinity MEP+ Consultants has developed strong relationships with subcontractors and vendors, based on years of experience and collaboration on multiple opportunities. To help track the project throughout design and ensure the project remains on budget, we will utilize the experience, expertise, relationships and the expertise of outside cost consultants, if requested.

Controlling costs is of paramount importance, and establishing good communication for the duration of the project is essential to that process. We will collaborate with you to establish the total project budget and incorporate it into the project work plan so that it becomes the framework for our work.

VALUE ENGINEERING

Infinity MEP+ works to assist the project team in identifying areas and opportunities to value engineer the project design ahead of the tender issue. We have been highly successful with a proactive approach to identifying items on a project where opportunities exist to save money without sacrificing quality or aesthetic.



EMEA PROJECT EXPERIENCE



OCEANO AL MARJAN ISLAND

■ RAS AL KHAIMAH, UAE

Infinity MEP+ provided MEP, security & technology, fire & life safety, and acoustical design services for this new ultraluxe 17-story residence overlooking the Al Marjan Island beachfront.

Infinity's designs will be utilized across 205 residential units, parking areas, and a mixed-use ground floor allocated for retail as well as food & bev tenants. Technology designs will encompass ICT & Security Systems, Data, TV, telephony, CCTV and enhanced Access Control for residents and tenants alike.

Going beyond design, Infinity will be supporting the Construction Administration ("CA") phase. Our CA process involves prompt responses to RFIs, shop drawing reviews and coordination with the general contractor, architect, and end-user.

PROJECT DETAILS

CLIENT:	The Luxe Developers
ARCHITECT:	Dewan Architects + Engineers
SIZE:	860,617 SF
COST:	\$409 Million USD
COMPLETION:	2026
SERVICES:	Mechanical Design Electrical Design Plumbing Design Technology Design Fire & Life Safety Design Acoustic Design

SIGNIFICANT PROJECT FEATURES:

- Smart Technology Design
- Twin-tower building
- Mixed-Use ground level





CROWNE PLAZA

■ DUBAI, UAE

Our team engaged to provide design services for Acoustic, Fire & Life Safety Strategy and Security & CCTV for one of the most exclusive residential serviced apartments in Dubai. The luxury apartment units are design for one tenant per floor. The design will be a twin mid rise building with penthouses, pool and pool deck, and bar/club on the upper level.

The team was also engaged to support through the Construction Administration phase. Our CA process involves prompt responses to RFIs, coordination with the general contractor, architect to provide oversight of installation as construction progresses.

PROJECT DETAILS

CLIENT:	Innovative Living
ARCHITECT:	Dewan Architects + Engineers
SIZE:	135,300 SF
COMPLETION:	TBD
SERVICES:	Acoustic Design Fire & Life Safety Design
SIGNIFICANT PROJECT FEATURES:	Security & CCTV Design



LAMAR SEA MIRROR RESIDENCES

■ DUBAI, UAE

Infinity was engaged to provide MEP, Structural, Technology, Acoustic, and Fire & Life Safety design to support DEWAN Architects in the development of this residential building on the Dubai Canal. This project included the fabrication of complex design systems to go into . The apartment units are comprised of 3-bedroom, 4-bedroom, and 5-bedroom units, and the ground floor is allocated for Food & Beverage and Retail space.

Emergency power was included in the design of the Electrical systems along with generators, automatic transfer switches (ATS), switch gear, circuiting/ powering of the lighting systems, exterior lighting systems, and finished area lighting systems. HVAC consisted of VRF, Chilled Water Systems, RTUs, OAHU, VAV and DX Split Systems. The design of electrical systems included standard power, circuiting, switchgear, and powering/controlling of the lighting systems.

PROJECT DETAILS

CLIENT:	Lamar Development
ARCHITECT:	Dewan Architects + Engineers
SIZE:	154,323 SF
COMPLETION:	TBD
SERVICES:	Mechanical Design Electrical Design Plumbing Design Fire & Life Safety Design Acoustic Design
SIGNIFICANT PROJECT FEATURES:	- Impact Noise Insulation Between Spaces - Emergency Power - VRF Chilled Water Systems - Fire Protection Systems



SOMA RESIDENCES

DUBAI, UAE

Our team was engaged to provide design services for MEP, Acoustic, Fire & Life Safety Strategy and Security & CCTV for this Luxury Residences located on Dubai Islands under Trakhees authority. the project is WELL Platinum

PROJECT DETAILS	
CLIENT:	Origami Development LLC
ARCHITECT:	XBD Collective
SIZE:	120,000 SF
COMPLETION:	TBD
SERVICES:	MEP ELV/Security Acoustic Design Fire & Life Safety Design



AMERICAN HOSPITAL DUBAI

DUBAI, UAE

Infinity MEP+ Engineering delivered specialist healthcare engineering design services for multiple renovation and expansion projects at one of the UAE's leading private hospitals. Working within a fully operational healthcare environment, our team successfully designed complex MEP systems while maintaining uninterrupted hospital operations and compliance with the highest healthcare engineering standards.

PROJECT DETAILS	
CLIENT:	Aemrican Hospital Dubai
ARCHITECT:	Massa Architect
SIZE:	30,000SF
COMPLETION:	TBD
SERVICES:	Mechanical Design Electrical Design Plumbing Design Fire & Life Safety Design





FAMILY CARE AUTHORITY HQ

■ ABU DHABI, UAE

Infinity joined forces with ROAR to provide mechanical, electrical, plumbing, technology, acoustic, and fire & life safety design for Family Care Authority headquarters. Family Care Authority was established in Abu Dhabi to provide specialized and centralized services in response to families’ needs in the emirates.

The fit-out areas total to approximately 70,000 square feet, spanning over three floors. Spaces include ground floor reception and kids zone, fourth floor second reception, cafe and townhall, and fifth floor office spaces with a yoga room.

PROJECT DETAILS

CLIENT:	Confidential
ARCHITECT:	ROAR
SIZE:	70,000 SF
COMPLETION:	TBD
SERVICES:	Mechanical Design Electrical Design Plumbing Design Technology Design Acoustic Design

- SIGNIFICANT PROJECT FEATURES:**
- 5-Floors
 - Office Spaces
 - Kids Zone



BAKER HUGHES KING SALMAN ENERGY PARK “SPARK”

■ SAUDI ARABIA, KSA

Infinity MEP+S Consultants was engaged to work alongside Energy Architecture on the Baker Hughes Saudi King Salman Energy Park “Spark” project. The first phase of the three phase project is comprised of general manufacturing, industrial facilities, a dry part area, a Saudi Aramco well-drilling and maintenance area, and a specialized training zone for 10 centres. Our team was contracted to provide mechanical, electrical, and plumbing design for two-story office and AMO facility.

The design scope was inclusive of chillers, pumps, AHUs, RTUs, electrical gear, generators, fire water and domestic water tanks, water heaters, DX FCUs, chilled water riser, and routing of ductwork and piping. The mechanical team incorporated high efficiency MERV 13 filters into the design as well as smart metering devices for the building systems.

The entire office building and AMO facility were designed to meet Baker Hughes, GE internal design standards. The Infinity MEP team works stringently to ensure that our clients receive the highest standard of service taking regional and geographical differences into mind when providing our designs. Coordination with the architect and owner was critical to the success of the project moving forward on schedule and on budget.

PROJECT DETAILS

CLIENT:	Baker Hughes
ARCHITECT:	Energy Architecture
SIZE:	300,000 SF
COST:	\$60-\$80 Million USD
COMPLETION:	2020
SERVICES:	Mechanical Design Electrical Design Plumbing Design

- SIGNIFICANT PROJECT FEATURES:**
- International Coordination
 - DX FCUs
 - High-Efficiency MERV 13 Filters
 - Manufacturing
 - Commercial Office





ANATARA HOTEL & SERVICED APARTMENTS

■ SHARJAH, UAE

Working closely with DEWAN Architects + Engineers and the end-user throughout the design process, our team engaged to provide Fire & Life Safety strategy and code review for this 5-star hotel and exclusive serviced apartment building. Areas included 110 hotel units, 100 residential units, reception, offices, administration rooms, parking bays, and various outdoor amenities.

The team was also engaged to support through the Construction Administration phase. Our CA process involved prompt responses to RFIs, shop drawing reviews and coordination with the general contractor, architect, and end-user.

PROJECT DETAILS

CLIENT: ARADA Development LLC

ARCHITECT: DEWAN Architects + Engineers

SIZE: 549,358 SF

COMPLETION: TBD

SERVICES: Fire & Life Safety Design

SIGNIFICANT PROJECT FEATURES:

- 5 Star Hotel
- Code Review



POLYFLOW MANUFACTURING PLANT

■ SAUDI ARABIA, KSA

Infinity MEP+S Consultants was engaged to work alongside Energy Architecture on Phase One of the PolyFlow Manufacturing Plant in Saudi Arabia. The two-story building, in-design, will be comprised of office space, warehouse space, maintenance area, a guard shack, QAQC R&R space, advanced manufacturing laboratory, and a space for chillers.

The team cohesively to provide designs that would fulfill the needs of the facility while also bearing in mind the regional factors that would impact the design. The mechanical system for the warehouse space, for instance, was fully conditioned to counter the high temperatures in the region. Plumbing system considerations were also made in order to ensure that the water in the facility met regional religious standards of clean water.

The entire facility was designed to meet Baker Hughes internal design standards. The Infinity MEP team works stringently to ensure that our clients receive the highest standard of service taking regional and geographical differences into mind when providing our designs. Coordination with the architect and owner was critical to the success of the project moving forward on schedule and on budget.

PROJECT DETAILS

CLIENT: Baker Hughes

ARCHITECT: Energy Architecture

SIZE:

- 130,889 SF Warehouse
- 32,356 SF Office
- 9,095 SF AM Laboratory
- 3,810 SF QAQC R&R
- 3,143 SF Chillers
- 3,100 SF Maintenance
- 904 SF Guard Shack

SERVICES: Mechanical Design
Electrical Design
Plumbing Design

SIGNIFICANT PROJECT FEATURES:

- International Coordination
- AM Laboratory



MD ANDERSON CANCER CENTER SUGAR LAND

■ TEXAS, USA

Infinity MEP provided HVAC and fire system design for the new MD Anderson Cancer Center in Sugar Land, Texas. The project expands specialist oncology services for patients in Southwest Houston and the surrounding communities.

The five-storey facility comprises approximately 44,000 m² of floor area. Its clinical programme includes an ambulatory surgery centre, diagnostic imaging, radiation oncology and multidisciplinary outpatient clinics.

The development also accommodates infusion therapy, interventional radiology, endoscopy, laboratory medicine and pharmacy services. A dedicated utility plant supports the campus infrastructure.

Designed with capacity for future growth, the centre incorporates natural daylight and access to landscaped outdoor spaces. The published design objectives include reducing energy consumption and limiting solar heat gain.

PROJECT DETAILS

OWNER: The University of Texas
MD Anderson Cancer
Center

ARCHITECT: HKS

SIZE: Approx. 44,000 m²
472,000 SF

OPENING: 2029 (planned)

SERVICES: HVAC Design
Fire System Design

SIGNIFICANT PROJECT FEATURES:

- Five-storey oncology centre
- Ambulatory surgery
- Radiation oncology
- Diagnostic imaging
- Multidisciplinary clinics



SELECTED PROJECT EXPERIENCE

Representative projects delivered by our leadership team across the UAE, KSA, Ireland and Kuwait.



1. AVENUES KHOBAR, KSA



2. AVENUES RIYADH, KSA



8. HB OFFICE, ABU DHABI (CAT A)



5. MULTI FAITH HALL, ABU DHABI AIRPORT



1. AVENUES KHOBAR, KSA

60,000m² Office Tower – LEED Gold
MEP and FLS services
Sebastian Kasjan (PM) & Napoleon Soldevilla



2. AVENUES RIYADH, KSA

82,000m² Office Tower
MEP and FLS services
Sebastian Kasjan (PM) & Napoleon Soldevilla



4. DUBAI HOLDING – NAKHEEL OFFICE

Refurbishment, Limitless Building, Dubai – 700m²
MEP, FLS and Acoustic services
Infinity MEP+ Engineering project



5. MULTI FAITH HALL, ABU DHABI AIRPORT

MEP, FLS and Acoustic services
Infinity MEP+ Engineering project



6. MUBADALA OFFICES RENOVATION, ABU DHABI

Peer Review – MEP, FLS and Acoustic services
Infinity MEP+ Engineering project



7. AL RAHJI BANK FITOUT, RIYADH, KSA

4,400m²
MEP services
Sebastian Kasjan (Project)



8. HB OFFICE, ABU DHABI (CAT A)

31,000m²
MEP and FLS services
Sebastian Kasjan & Napoleon Soldevilla



9. DUCAB OFFICE EXTENSION, DUBAI

4,000m²
MEP and FLS services
Sebastian Kasjan & Napoleon Soldevilla



10. DALLAH HQ FIT OUT, JEDDAH, KSA

5,200m²
MEP services & FLS
Sebastian Kasjan & Napoleon Soldevilla



11. MIESIAN PLAZA, DUBLIN, IRELAND

29,000m² – LEED Platinum
MEP services
Sebastian Kasjan (Project)



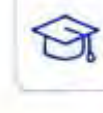
12. ERNST & YOUNG OFFICE REFURBISHMENT, DUBLIN, IRELAND

8,000m²
MEP services
Sebastian Kasjan (Project)



13. GOOGLE VIEWPOINT, DUBLIN, IRELAND

25,000m² – LEED Platinum
MEP services
Sebastian Kasjan (Project)



14. HEALTH SCIENCE CAMPUS OFFICES

Sabah Al Salem University City, Kuwait
(ICT Center, Dentistry, Health and Science Center)
(3B+G+L4 and 3B+G+L6)
MEP services – Jose Jigger (Project)

INTERNATIONAL EXPERIENCE • LOCAL KNOWLEDGE • ENGINEERING EXCELLENCE

Additional project references available upon request.





RESUMES



SEBASTIAN KASJAN

DUBAI MANAGING DIRECTOR

Sebastian Kasjan is a Chartered Engineer with extensive experience managing multinational MEP teams across Bahrain, the UAE, and India. Before joining Infinity Dubai as Managing Director, Sebastian led diverse teams in delivering award-winning MEP projects for prominent organizations.

Throughout his career, he has contributed to hundreds of projects, specializing in large-scale and complex designs for healthcare, hospitality, municipal, and commercial facilities. His experience includes designing and commissioning large data centers, overseeing multi-phased “live” building refurbishments, and managing projects with construction budgets up to 1.2 billion BHD. Sebastian’s project portfolio spans Europe, the Middle East, and North Africa, and he is well-versed in international standards such as ASHRAE, CIBSE, Building Regulations, British Standards, BSRIA, HVCA, HTM, HBN, HFN, Saudi Building Codes, International Codes by the ICC, and NFPA. His deep technical knowledge and global perspective ensure the successful delivery of complex and innovative projects.

HIGHLIGHT EXPERIENCE

Midtown Development by Deyaar Dubai, UAE	Avenues Phase 2B – Avenue Mall King Faisal Corniche Development Bahrain
Address Jumeirah Gate Dubai Dubai, UAE	The Avenues – Phase 1 Khobar, Saudi Arabia
DCH Emaar Various Towers Dubai, UAE	The Avenues – Phase 2 Riyadh, Saudi Arabia
British School of Bahrain Hamala, Bahrain	Microsoft Data Center DB4 & DB5 Dublin
Bilaj Al Jazayer Boutique Hotels Beach Club & Mixed-Use Apartments Bahrain	Al Maha Centre Children’s Hospital Al Wakrah, Qatar
Onyx II Skyview at Bahrain Bay Bahrain	Amaala Staff Village KSA
Google Viewpoint Dublin	Hamad General Hospital Various Projects Qatar
Pallas Food Centre Dublin	Bahrain Marina Development Bahrain
The Makers District – Phase 1 Abu Dhabi, UAE	(15) University Hospital Locations Due Diligence Surveys Various Locations

EDUCATION
Master of Engineering
(Mgr Inz/ MEng) – 2004 Sanitary
Engineering (Mechanical & Civil
Engineering)

REGISTRATIONS
MCIBSE

MIEI

EC CEng – Chartered Engineer

YEARS EXPERIENCE
21

AFFILIATIONS
CIBSE
IEI
Grade A Engineer – Qatar
Grade A Engineer – Bahrain

Some projects were completed while working
at another firm.



NAPOLEON SOLDEVILLA, ME

SPECIALISM DIRECTOR

Napoleon has over 3 decades years of experience in the field of Mechanical Engineering and the majority of those years have been dedicated to the field of Fire & Life Safety Code Review and Fire Engineering Fighting/ Protection Systems Design, primarily in the Middle East region. He is well-versed in local AHJ requirements and conversant with regional fire code such as the UAE Fire Code (UAEFC-2018), Saudi Building Code (SBC-201 & 801), Qatar Civil Defense requirements as well as international fire codes and standards such as the IBC, NFPA, BS and FOC.

Having established a strong technical foundation with his career, he has attained vast knowledge in the field of fire and life safety code compliance review and analysis and fire engineering using both prescriptive design and performance base design approach, fire risk analysis, design of active fire protection systems.

HIGHLIGHT EXPERIENCE

Dubai Marina Plot 5JJ, 15–Story Residential Dubai, UAE	Hindu Temple Abu Dhabi, UAE
Tatweer Towers, 100–Story High Rise Residential Dubai, UAE	TD–55 New Dubai Airport Terminal 1 Dubai, UAE
The Makers District, Phase I Abu Dhabi, UAE	TBF Expansion Phase 2 Abu Dhabi, UAE Ministry Interior Headquarters Project Jeddah, KSA
Polyflow, Advanced Manufacturing Lab and Warehouse Saudi Arabia	Firdaus Sobha UAQ Detailed Mater Plan, Infrastructure and Landscaping Works Seneiah Island, UAQ
Zone HB Office Development Yas–Island, Abu Dhabi, UAE	Diriyah Gate Development Riyadh, KSA
Eaig HQ Abu Dhabi, UAE	Shaheeh Development MAERSK, Qatar
KAAR – Package B Building Makkah, KSA	OCEANO Al Marjan Island, UAE
EXPO 2020 Al Wasl Rove Hotel Duabi, UAE	Rove Hotel Dubai, UAE
Al Mafraq Hospital Abu Dhabi, UAE	Marina Village Abu Dhabi, UAE
Bollywood Park, Dubai Parks Resorts Dubai, UAE	

EDUCATION
Bachelor of Science,
Mechanical Engineering
Western Institute of Technology
Lapaz, Iloilo City, Philippines

REGISTRATIONS
Registered Mechanical Engineer:
#30820

YEARS EXPERIENCE
29

AFFILIATIONS
Professional Regulation
Commission,
Registered Mechanical Engineer

Philippine Society of Mechanical
Engineer

Society of Engineer
Member Society of Fire Protection
Engineers, UAE Chapter

TRAKHEES Accredited Design
Engineer,
Dubai

Accredited Dubai Municipality
Mechanical Engineer

Some projects were completed while working
at another firm.



MAHMOUD ABD EL FATTAH

PRINCIPAL MECHANICAL ENGINEER

Mahmoud Abd El Fattah is a seasoned Mechanical Engineer with over 14 years of experience in Building Services design. He brings a deep understanding of mechanical systems and a proven track record of delivering efficient, forward-thinking solutions across a wide range of project types. With a background in mechanical design, supervision, sustainability, and energy management, Mahmoud has contributed to numerous successful developments through his strong technical skills and commitment to best practices.

He is highly proficient in tools such as Revit, AutoCAD, HAP, and BMS systems, and has demonstrated exceptional leadership as both a project manager and a problem-solver. As he looks toward new professional challenges, Mahmoud remains focused on innovation, continuous improvement, and impactful project delivery in the built environment.

HIGHLIGHT EXPERIENCE

Um Al Quwain School Um AlQuwain, UAE	Prototype Specialized Medical Centers Jeddah, KSA
Tarsheed Schools Qatar	Badr Medical City (2000 bed) Cairo, Egypt
Dammam University Dammam, KSA	Sulaiman Al Habib Hospital (400 bed) Jeddah, KSA
Nerhandou Pharmaceutical Factory, 6th of October Cairo, Egypt	KAFD plot 1.01 Branded Residence KSA
City Centre Almaza (LEED Gold) Cairo, Egypt	Sulaiman Al Habib Hospital (600 bed) Riyadh, KSA
HAM 111 Clinic building Kuwait	
Zweil Science City Egypt	

EDUCATION

Bachelors Degree
Mechanical Power Engineering
Cairo University

Master’s Student
“Resources Efficiency for
Sustainable Cities”
Ain Shams University

REGISTRATIONS

LEED GA, Green Business
Certification inc.

Certified Energy Manager (CEM),
Association of Energy Engineers

Edge Expert, The International
Finance Corporation

Sustainable Finance & ESG
Principals, CIB

YEARS EXPERIENCE

14

Some projects were completed while working
at another firm.



JOSE JIGGERS S. MABAG

PRINCIPAL ELECTRICAL ENGINEER

A Professional Electrical Engineer with over 30 years of experience in various fields of Electrical Engineering which includes Design for LV & ELV System, Authorities approvals, Site management, Electrical & Mechanical Infrastructures, Hospital, Educational, Commercial and Residential Buildings. Jose well-versed with NEC, NFPA, IDA and IEC Codes/Standards and is always driven to be productive and to share knowledge amongst his team.

Jose is experienced in site and project management for mechanical and electrical projects, excellent technical knowledge in MEP materials and design, specifications & contract documentations, indoor and outdoor lighting designs, high-rise design & calculation for electrical systems (MV, LV and ELV), load schedules, SLD, infrastructure layouts, LLD, ICT & security, FA & emergency lighting, IDA lighting design and more.

HIGHLIGHT EXPERIENCE

College of Dentistry Kuwait	Malayan Plaza Building 52-Story Residential Building Philippines
Kuwait KUHSC Research Center Kuwait City, Kuwait	DFC Projects 37F Intercontinental, 20F Crowne Plaza Hotel and 34F Commercial Tower
4 Buildings, B+G+12Typ+HC+R at Al Nahda 1 Dubai, UAE	International City Package 7 Greece (Nakheel) 16 units- G+4F and 15 – G+3F units
15 G+11 Residential Building Al Furjan and 2-Luxury Residential Building The Palm , 4-Residential Building in Healthcare City, Dubai, UAE	Mudon Plex Type Townhouses, Villas and Residential Buildings Dubai, UAE
37-Unit Residential Buildings Reviera 1 & 2 Maydan Projects	Electrical Design and MEP Coordination for Residential Buildings, Al Nahda 4 Typical B+G+12+RF & 35 Units G+5+RF Dubai, UAE
5K High-end Staff and Workers Accommodations, Heliport, Mock Up Warehouses & Security facilities (RSDC)	

EDUCATION

Bachelor of Science,
Electrical Engineering
University of Negros Occidental
Recoletos

REGISTRATIONS

PRC Registered Professional
Electrical Engineer

YEARS EXPERIENCE

30

Some projects were completed while working
at another firm.



Ahmed Mohamed Abdelfattah

Senior Electrical Engineer

Ahmed is an Electrical Engineer with over six years of experience in Electrical and ELV systems design for hospitality, commercial, residential, industrial, administration, healthcare and infrastructure projects across the Middle East.

He specializes in power, lighting, earthing, lightning protection and ELV systems design, BIM coordination, and multidisciplinary project delivery.

He has contributed to projects across multiple design stages, from concept to tender and construction documentation, ensuring compliance with international standards and local authority regulations.

He is experienced in multidisciplinary coordination and BIM-based workflows using Revit, AutoCAD and Navisworks.

He is committed to delivering innovative, sustainable, and efficient engineering solutions while maintaining the highest standards of technical excellence, quality, and client satisfaction.

HIGHLIGHT EXPERIENCE

- **API Towers** – Dubai / UAE.
 - **RP ONE Tower** – Dubai / UAE.
 - **Al-Ain Desert Reserve** – Abu Dhabi.
 - **Aircraft Maintenance Hangar** – USA.
 - **Telal Al-Fustat Park** – Egypt.
 - **Badya University** – Egypt.
 - **AUC Campus Expension** – Egypt.
 - **Harmony International School** – Egypt.
 - **Marina Alamein Towers** – Egypt.
 - **Maspero Towers** – Egypt.
 - **Palm Hills** – Alexandria, Egypt.
 - **Arkan Business Park** – Egypt.
 - **Hilton Garden Inn Hotel** – Egypt.
 - **Semiramis Intercontinental**
- **Renovation** – Egypt.
 - **Magra El-Oyoun Mall** – Egypt.
 - **Arab Investment Bank** – Egypt.
 - **FABMISR Bank** – Egypt.
 - **Al-Amal Al-Sherif Plastic Factory.**
 - **EIPICO Medicine Factory.**
 - **River Green Medical Center.**
 - **Medical Park Premier Hospital.**
 - **AFRA 54, G+16** – Dubai, UAE.
 - **JVC M001** – Dubai, UAE.
 - **DJAZ 038** – Dubai, UAE.
 - **AZIZI VIENCE G+15** – Dubai, UAE.
 - **AZIZI VIENCE G+19** – Dubai, UAE.
 - **Eagle Hills Villas EMAAR** – Egypt.
 - **Belle Vie Sport Club EMAAR** – Egypt.

EDUCATION

Bachelor's Degree
Electrical Power Engineering
Helwan University

REGISTRATIONS

Autodesk Certified Professional –
Revit Electrical.

YEARS' EXPERIENCE
7

Some projects were completed while working
at another firm.



KAREEM MOSSAD DARWESH

SENIOR MECHANICAL ENGINEER

Kareem is a Senior Mechanical Engineer specializing in HVAC and building services design, with professional experience delivering mechanical solutions for residential, hospitality, and mixed-use developments across the Middle East. He has developed solid expertise in HVAC system design, cooling load analysis, equipment selection, and multidisciplinary coordination within fast-paced design environments.

Kareem has contributed to projects throughout various design stages, from concept development to detailed design and construction documentation. His work includes preparing HVAC layouts, performing load calculations, and developing technical documentation while ensuring compliance with international standards and local authority regulations. He works closely with architects, structural engineers, and other MEP disciplines to ensure fully coordinated and efficient building services designs.

HIGHLIGHT EXPERIENCE

Four Seasons Hotel – Sindalah Island C5 – NEOM, KSA	The Mangrove – Creekside Urban development Building C4 – Standard Residential – Karachi, Pakistan.
MASAR Shopping Mall – KSA.	
Central Bank of Iraq – Baghdad, Iraq.	DGDA Government Offices – Diriyah DGCL Riyadh – KSA.
Cape Hayat Hotel – RAK Properties, Hayat Island, UAE	Burj Azizi – Dubai, UAE.
INDIGO Hotel IHG 4_star – Yiti Marina – Oman.	AZIZI SKANDER G+15 – Dubai, UAE.
	AZIZI GABRIAL G+14 – Dubai, UAE.
Hilton LXR Hotel –Wadi Hanifah – Diriyah DGCL Riyadh – KSA	AZIZI VIENCE G+19 – Dubai, UAE.
	AZIZI MILAN, G+32 – Dubai, UAE.
RAU Al Madina Hotels 9A – Cluster 1 – KSA.	AZIZI AZURE HOTEL – Dubai, UAE.
King Abdullah Financial District Plot 1.01 Branded Residences – KSA.	AZIZI JADAF, JABEL ALI – Dubai, UAE.
	AZIZI Labour Camps – Dubai, UAE.
Al Falah Branded Residences , (4-Star Hotel) – Riyadh, KSA.	AZIZI DHCC , DUBAI ISLAND , UAE
AFRA 26, G+16 – Dubai, UAE.	

EDUCATION

Bachelor's Degree Mechanical
Power Engineering
Mansoura University

REGISTRATIONS

LEED GA, Green Business
Certification inc.

YEARS EXPERIENCE
6

Some projects were completed while working
at another firm.



Ahmed Nasser Mohamed

Senior Public Health Engineer

Ahmed is a Public Health Engineer with over five years of experience in plumbing and firefighting systems design for hospitality, commercial, residential, and infrastructure projects across the Middle East. He has strong expertise in hydraulic calculations, water supply and drainage network design, pumping stations, and the preparation of coordinated MEP design packages.

He has contributed to projects across multiple design stages, from concept to tender and construction documentation, ensuring compliance with international standards and local authority regulations, including NFPA, IPC, SBC, and UAE codes. Ahmed is experienced in multidisciplinary coordination and BIM-based workflows using Revit, AutoCAD, Navisworks, and Elite Fire.

He is committed to delivering efficient, reliable, and code-compliant designs while maintaining high standards of technical accuracy and project coordination.

HIGHLIGHT EXPERIENCE

- **Hilton Jeddah Corniche** – Jeddah – KSA
 - **Omran Business Park**– Muscat –Oman.
 - **High-speed train**– Egypt.
 - **The Point mixed-use building** – Abha – KSA
 - **Zed towers** – 6th of October - Cairo, Egypt .
 - **Hilton LXR Hotel** -Wadi Hanifah - Diriyah DGCL Riyadh - KSA
 - **RAU Al Madina Hotels 9A** – Cluster 1 – KSA.
 - **Ministry of Culture** – KSA.
 - **Al Falah Branded Residences , (4-Star Hotel)** – Riyadh, KSA.
- **Suiz Methanol Derivatives Factory** – Suiz, Egypt.
 - **Rua Al Madinah Headquarter office** - Riyadh – KSA.
 - **AFRA 26, G+16** – Dubai, UAE.
 - **AZIZI SKANDER G+15** – Dubai, UAE.
 - **AZIZI GABRIAL G+14** – Dubai, UAE.
 - **AZIZI VIENCE G+19** – Dubai, UAE.
 - **AZIZI MILAN, G+32** – Dubai, UAE.
 - **AZIZI AZURE HOTEL** – Dubai, UAE.
 - **AZIZI JADAF, JABEL ALI** – Dubai, UAE.
 - **AZIZI Labour Camps** – Dubai, UAE.
 - **AZIZI DHCC , DUBAI ISLAND** , UAE.

EDUCATION

Bachelor's Degree
Mechanical Power Engineering
Cairo University

REGISTRATIONS

Autodesk Certified Professional –
Revit Mechanical.

YEARS' EXPERIENCE

6

*Some projects were completed while working at another firm.



MARTI DUCH

LEAD ACOUSTIC ENGINEER

Acoustics engineer, specialized in the field of architectural and building acoustics, member of the Institute of Acoustics (UK), with more than 24 years of extensive professional experience in the national and international markets, and 5+ years working on projects in the middle east.

Martí has participated in projects in Spain, France, Qatar, United Arab Emirates, Kingdom of Saudi Arabia, Azerbaijan, Oman, United States, Croatia and China, and has a proven track record of successful projects from luxury hotels, residences, hospitals and commercial buildings, as well as performing art facilities and audiovisual production studios.

EDUCATION

Technical Telecommunications
Engineer – Sound and Image
Speacilization
Ramon Lull University (La Salle)

REGISTRATIONS

COITT: Registered Engineer #10127

YEARS EXPERIENCE

24

AFFILIATIONS

Member of the Institute of
Acoustics
MIOA: 50633
www.ioa.org.uk

HIGHLIGHT EXPERIENCE

- | | |
|---|---|
| Family Care Authority HQ
Abu Dhabi, UAE | FCA Service Center Offices
Abu Dhabi, UAE |
| Crowne Plaza
Dubai, UAE | Dubai Canal Residences
Dubai, UAE |
| OCEANO
Luxury Residential Twin-Towers
Al Marjan Island, UAE | Teatro Guimerá Renovation
Santa Cruz de Tenerife, Canary Islands |
| Makers District Residential
Abu Dhabi, UAE | Qatar Olympics Museum
Doha, Qatar |
| Mediclinic Parkview Hospital
Dubai, UAE | Deyaar Midtown Development
IMPZ
Dubai, UAE |
| Vida Hotel and Residencies
Dubai Marina, Dubai, UAE | Swiss International School
Dubai, UAE |
| Cayan Cantara Residential
Dubai, UAE | Spanish Pavilion, EXPO 2010
Dubai, UAE |
| Crescent Hotel (7 Stars)
Baku, Azerbaijan
Ministry of Interior
Jeddah, KSA | KURSAAL Theatre
Manresa Spain |
| North Souk Department Store
Beirut, Lebanon | Teatre – Auditori de Cornellà
Cornellà del Llobregat, Spain |
| EAIG Head Quarters
Abu Dhabi, UAE | Generator Hotel
Barcelona, Spain |

Some projects were completed while working at another firm.

DUBAI

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