

MEP Green Design & Build - Pre-Qualification

Date: March 2023

Prepared By:

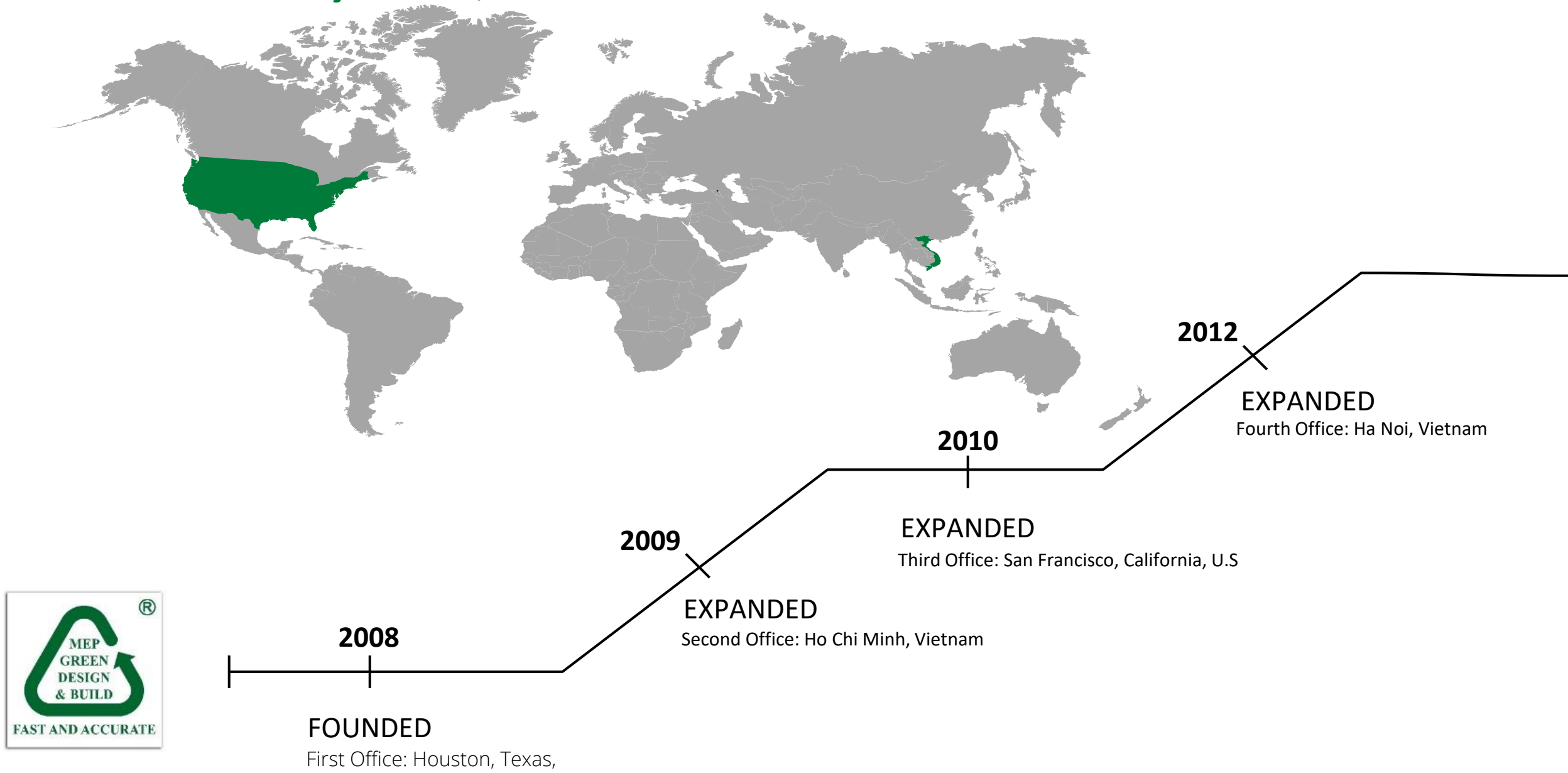


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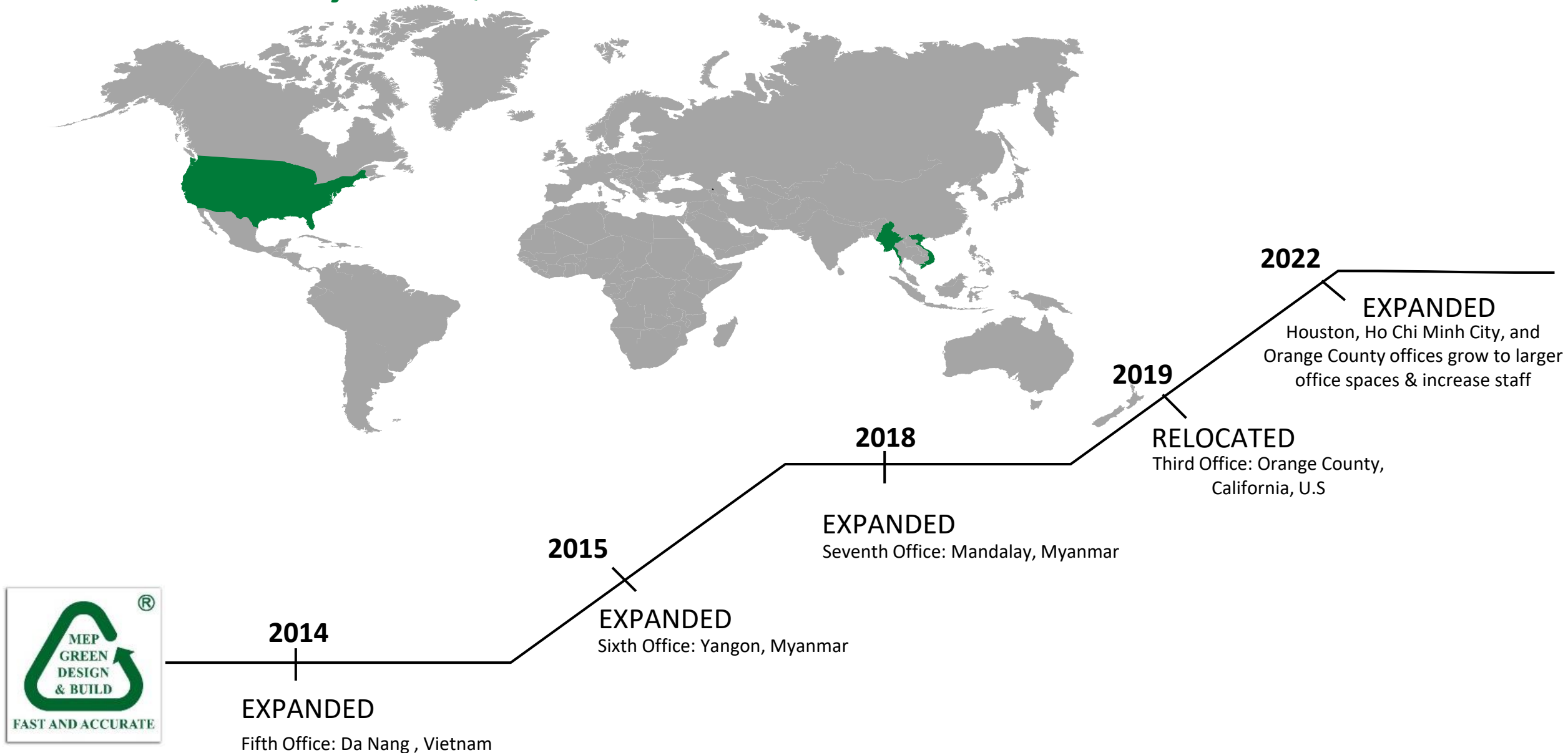


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01 - MEPG, A QUICK LOOK- HISTORY



01 - MEPG, A QUICK LOOK- HISTORY



01 – MEPG, A QUICK LOOK- KEY PERSONNEL

Dung Vu, Ph.D., P.E, LEED A.P. - President

35+ years of experience

Registered Professional Engineer in 48 U.S States & Puerto Rico

LEED Accredited Professional

Texas HVAC Contractor License # - TACLA00029328E

Om P Nangia, PE – Associate Engineer

45+ years of experience

Registered Professional Engineer in 23 U.S States

Raymond Mason, PE – Senior Electrical Engineer

20+ years of experience

Registered Professional Engineer in 3 U.S States

Martha McNicholas, PE – Senior Mechanical and Plumbing Engineer/Internal Plan Review Manager

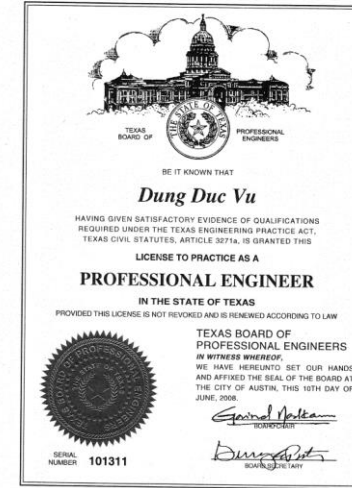
25+ years of experience

Registered Professional Engineer

Pat Powell, PE, ProFM – Business Development Director

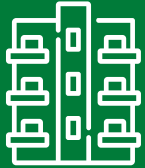
35+ years of experience

Registered Professional Engineer



01 – MEPG, A QUICK LOOK- PROJECT ACCOMPLISHMENTS

Design Projects:



1,500+ Completed
Hotels Projects



250+ Completed
Commercial and Mixed-Use Projects



200+ Completed
Healthcare and Education Projects

Construction Projects:



30+ Completed Installations and
Design & Build Commercial Projects



02 - OUR SERVICES

Mechanical Design & Installation



Electrical Design



Plumbing Design



Fire Protection Design



Low Voltage Design



02 - OUR SERVICES

I. DESIGN

Sustainability Services

- LEED Consultancy & Green Building Programs
- Performance Studies

COVID-19 Response

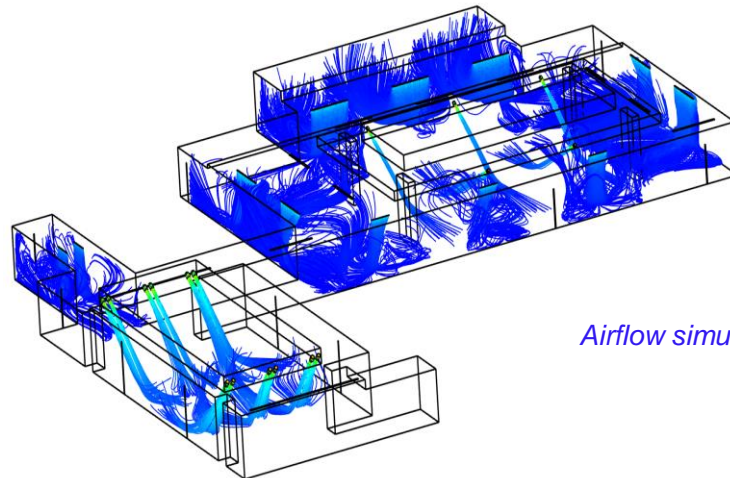
- Design of mechanical systems that utilize increased fresh air, filtration and ionization in order to lessen the spread of the Coronavirus

3D Modeling

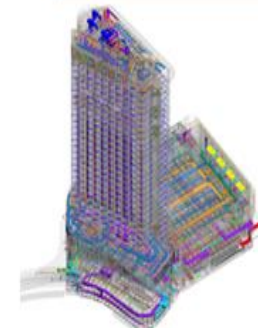
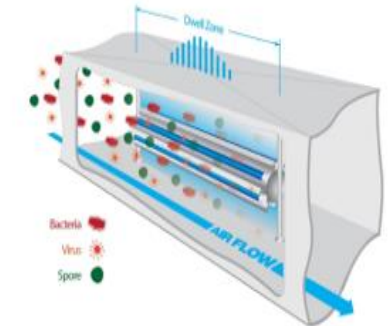
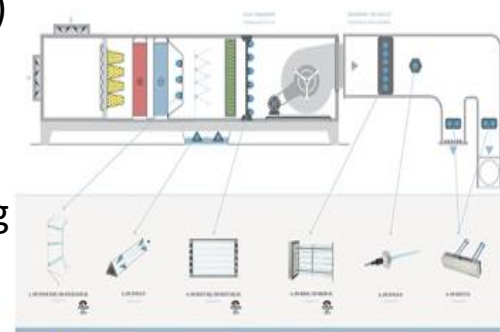
- Dedicated team that provides the highest level of proficiency in REVIT design and BIM modeling.

Specialty Services

- Computational Fluid Dynamics (CFD) Analysis
- Energy Modeling
- Building Envelope Analysis
- Professional Building Commissioning



Airflow simulation



Sonasea, VanDon, VietNam



MEPG office, Houston, Texas



AC- Resident In, Fremont CA



02 – OUR SERVICES

II. MECHANICAL CONSTRUCTION

Mechanical Services

- Design & Build
- Mechanical Installation
- Budgeting
- Estimating
- Life-Cycle Operating Cost Analysis
- Cost Saving & Value Engineering
- Shop Drawings & BIM 360 Coordination
- As-Built Drawings
- Professional Building Commissioning
- Third Party Site Inspection
- MEP Construction Management and Project Management



03 - REFERENCE PROJECT - Design & Build

Clarksville General Hospital

Clarksville, TX

Scope of Work:

MEPF Design

Mechanical Installation

Medical Gas Design

Description:

Full-Service Hospital

32,000 sq. ft.

Mechanical Construction Budget:

\$2,500,000



03 - REFERENCE PROJECT - Design & Build

IBIS Styles

Mandalay, Myanmar

Scope of Work:

MEPF Design & Build

Description:

13 Stories + 1 Basement Level

546 Hotel Rooms

MEPF Construction Budget:

\$3,655,000



03 - REFERENCE PROJECT - Design & Build

Fusion Suites

Da Nang, Vietnam

Scope of Work:

MEPF Design & Build

Description:

21 Stories + 1 Basement Level

5 Star Hotel

MEPF Construction Budget:

\$2,380,000



03 - REFERENCE PROJECT - Design & Build

Zen Diamond Suites & F. Home Apartments

Da Nang, Vietnam

Scope of Work:

MEPF Design & Build

Description:

1 Building Condotel

1 Building 5-Star Hotel

21 Stories each

MEPF Construction Budget:

\$3,500,000



03 - REFERENCE PROJECT - Design & Build

Fusion Suites

Da Nang, Vietnam

Scope of Work:

MEPF Design & Build

Description:

Stories 1-4 - Commercial Mall

Stories 5-8 – 4 Star Hotel

219 Hotel Rooms + Penthouse

MEPF Construction Budget:

\$3,390,000



03 - REFERENCE PROJECT - Design & Build

Tien Phong Plastics Headquarters

Hai Phong, Vietnam

Scope of Work:

MEPF Design & Build

Description:

5 Story Office & Plastic Factory

Total Area: 284,856 Sq. ft.

MEPF Construction Budget:

\$1,350,000



03 - REFERENCE PROJECT- Design & Build

Kabar Aye Executive Residence

Yangon, Myanmar

Scope of Work:

MEPF Design & Build

Description:

3 Basement Levels

5 Stories of Commercial & Retail

20 Stories of Apartments

115 Apartment Units

MEPF Construction Budget:

\$12,350,000



03 - REFERENCE PROJECT – Design & Build

MEPG Headquarters

Houston, TX

Scope of Work:

MEP, ELV, Lighting Design & Build
Construction Management

Description:

Renovation

LEED Certified (Pending)

MEP, ELV, & Lighting Construction

Budget:

\$1,200,000



03 - REFERENCE PROJECT – Design & Build

Residence Inn

Harlingen, TX

Scope of Work:

Mechanical Contracting

Description:

4 Stories

93 Hotel Rooms

MEP Construction Budget:

\$1,500,000



03 - REFERENCE PROJECT – Design & Build

Home2 Suites

Alexandria, LA

Scope of Work:

Plumbing Contracting

Description:

4 Stories

89 Hotel Rooms

MEP Construction Budget:

\$350,000



03 - REFERENCE PROJECT – Design & Build

OSD MRI

The Woodlands, TX

Scope of Work:

Mechanical Contracting

Description:

Tenant Build-Out Suite
#100

Construction Budget:

\$750,000



03 - REFERENCE PROJECT – Design & Build

Children's Lighthouse

Rosenberg, TX

Scope of Work:

Mechanical Installation

Fire Protection Design

Description:

8,000 sf. Childcare facility

Mechanical Construction Budget:

\$170,000



03 - REFERENCE PROJECT – Design & Build

Everest Academy

Stafford, TX

Scope of Work:

Mechanical Contracting

Description:

New Construction of
Private School

MEP Construction Budget:

\$350,000



03 - REFERENCE PROJECT – Design & Build

Community of Christ Church

Houston, TX

Scope of Work:

Mechanical Contracting

Description:

New Construction of Religious building

MEP Construction Budget:

\$290,000



03 - REFERENCE PROJECT – Design & Build

Hula Car Wash

Fulshear, Texas

Scope of Work:

Mechanical Contracting

Description:

New construction of Car wash

MEP Construction Budget:

\$150,000



03 - REFERENCE PROJECT - Supply & Install

Richstar Zone 2

Ho Chi Minh City, Vietnam

Scope of Work:

Supply and Install of MEP System

Description:

22 Stories

853 Apartment Units

24 Shophouses

MEP Construction Budget:

® \$4,300,000



FAST AND ACCURATE



03 - REFERENCE PROJECT – Supply & Install

Lakeview Commercial Center

Ho Chi Minh City, Vietnam

Scope of Work:

Supply and Install of MEP and Fire Protection System

Description:

2 Stories

48,000 sq. ft. retail space

MEPF Construction Budget:

\$545,000



04 – MANUALS & METHODS

CLICK TO
OPEN →

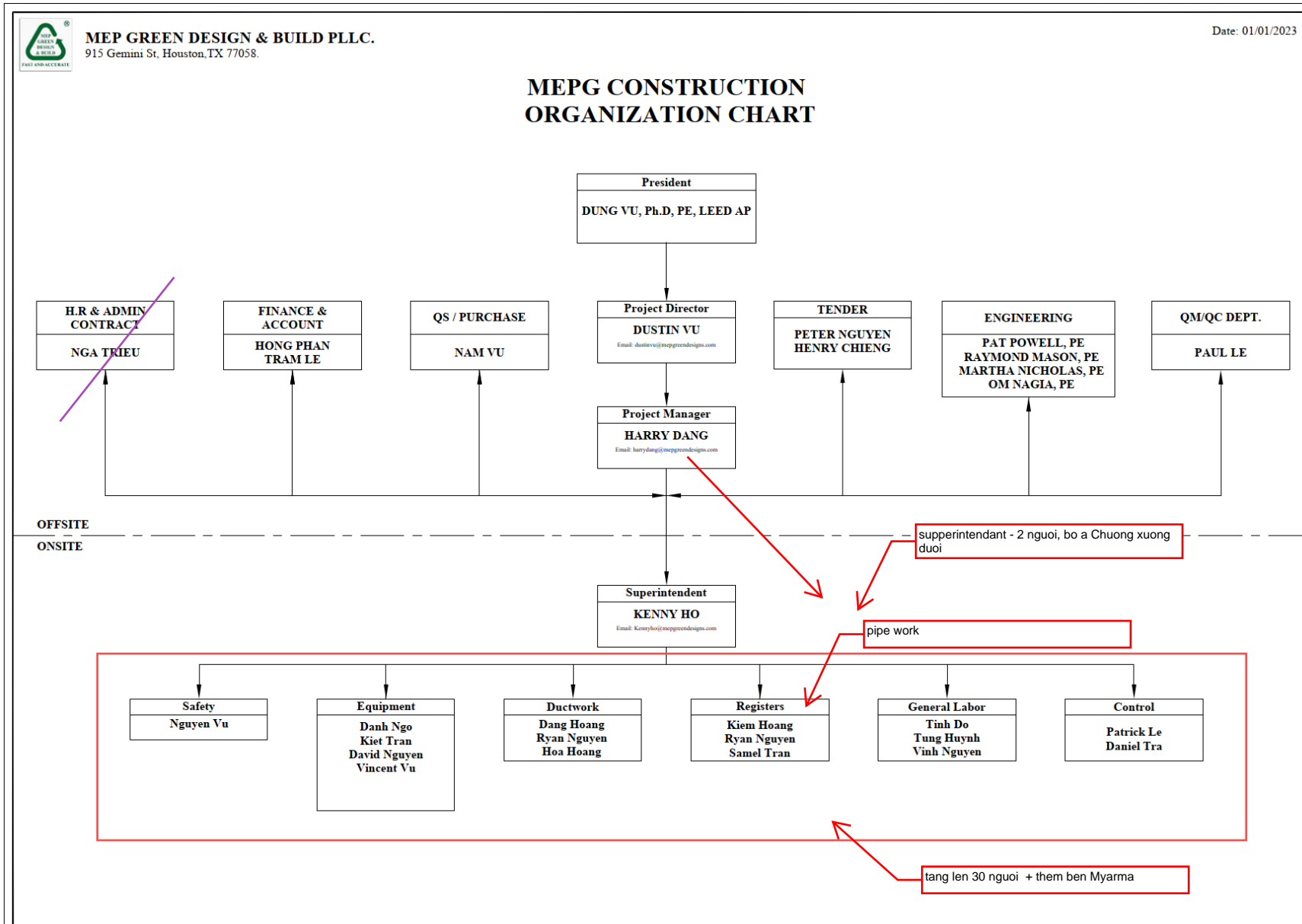
1. Method Statements

2. Health & Safety Plan

3. Quality Control Plan



05 – ORGANIZATIONAL CHART



06 - CLIENT TESTIMONIALS

“The team was extremely knowledgeable, professional and easy to work with, which has assisted us as the Developers throughout design phases...”

ANDREW G. WOOD
PRINCIPAL OF STRATUS
DEVELOPMENT

“Overall, MEPG’s team has been professional, dependable and honest on every project we have worked together...”

CHICO PATEL
PRESIDENT OF WEALTH
HOSPITALITY

“... this collaboration of STOA and MEP Green Designs has proven successful with repeat clients and in diverse circumstances, particularly in complicated international projects.”

MARIO BOLLULO, R.A.
DESIGN PARTNER – STOA ARCHITECTS

“... recommending the most efficient, time and cost saving solutions to our project.”

RICKY PATEL
OWNER OF MATRIX BUILDERS

“... Their drawings are extremely high quality, precise and thorough. They are extremely fast in their project.”

RYAN MACKOWIAK
ARCHITECT- AE URBIA ARCHITECTS
AND ENGINEERS



06 - CLIENT REFERENCES

1. Parwaiz Alam – Alsai Construction
 - Email - parwaizalam@yahoo.com
 - Phone - 972-488-2873
 - Reference Project – Clarksville Hospital

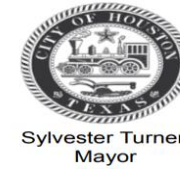
2. Ritesh Patel – Matrix Builders
 - Email - ricky@matrixbldr.com
 - Phone – 281-850-5979
 - Reference Project – Residence Inn by Marriott

3. Salman Mirajwala – Momentum
 - Email – sal@momentumtx.com
 - Phone – 281-741-1998
 - Reference Project – Home2 Suite/Tru Dual brand



07 - WHY CHOOSE MEPG - EXPERT IN MEP SYSTEMS

- Completed over 1000 projects nationwide
- HUB & MBE Certified
- Licensed in 50 states & Puerto Rico which allows our clients to standardize the MEP systems design in the most economical and efficient way.
- Our President, Dr. Dung Vu, has 35+ years of experience in MEP design and installation for all types of commercial buildings and applications, overseeing all projects and design procedures
- Well recognized by and have worked closely with all major hotel franchises
- Extremely high percentage of repeat clients. Many selecting MEPG as their primary or sole MEP consultant after just the first project together.
- With national experience, our engineer team is well versed in specialized requirements and varying local agency building codes



Sylvester Turner,
Mayor

**CITY OF
HOUSTON**
Office of Business Opportunity



MEP Green Design & Build, PLLC

is duly certified as a

Minority Business Enterprise (MBE)

Certified Categories:

Certification Number: 22-1-11276

NAICS 541330: ENGINEERING SERVICES

Director of Office of Business Opportunity

Note: This certificate is the property of the City of Houston Office of Business Opportunity, and may be revoked should the above named firm graduate from the MWDBE program or the firm's certification is no longer active. In addition, this certificate is valid only in conjunction with the firm's active listing in the City of Houston's Directory of certified MBE, WBE, SBE, PDBE, ACDBE and DBE firms via the following weblink: <https://houston.mwdbec.com/?TN=houston>.

Texas Historically Underutilized Business (HUB) Certificate



Certificate/VID Number: 1473387053000
Approval Date: February 1, 2022
Scheduled Expiration Date: March 31, 2024

In accordance with the Memorandum of Agreement between the
CITY OF HOUSTON
and the Texas Comptroller of Public Accounts (CPA), the CPA hereby certifies that

MEP Green Design & Build, PLLC

has successfully met the established requirements of the State of Texas Historically Underutilized Business (HUB) Program to be recognized as a HUB. This certificate printed **February 1, 2022**, supersedes any registration and certificate previously issued by the HUB Program. If there are any changes regarding the information (i.e., business structure, ownership, day-to-day management, operational control, addresses, phone and fax numbers or authorized signatures) provided in the submission of the business; application for registration/certification into the City of Houston's program, you must immediately (within 30 days of such changes) notify the City of Houston's program in writing. The CPA reserves the right to conduct a compliance review at any time to confirm HUB eligibility. HUB certification may be suspended or revoked upon findings of ineligibility. If your firm ceases to remain certified in the City of Houston's program, you must apply and become certified through the State of Texas HUB program to maintain your HUB certification.

Statewide HUB Program
Statewide Procurement Division

Note: In order for State agencies and institutions of higher education (universities) to be credited for utilizing this business as a HUB, they must award payment under the Certificate/VID Number identified above. Agencies, universities and prime contractors are encouraged to verify the company's HUB certification prior to issuing a notice of award by accessing the Internet (<https://mycpa.cpa.state.tx.us/tpasscmbssearch/index.jsp>) or by contacting the HUB Program at 512-463-5872 or toll-free in Texas at 1-888-863-5881.

07 - WHY CHOOSE MEPG - EXPERT IN MEP SYSTEMS

- Implementing Computational Fluid Dynamic (CFD) analysis and Energy Model to optimize the building's performance
- Utilize and implement the most advanced building science techniques for maximum efficiency and reliability in each design
- All work completed 100% in-house. We provide resources, expertise, **competitive pricing**, and **quick turnaround** of a large design firm coupled with the care and attentiveness of a locally specialized firm.
- Dedicated team specifically meant to provide the most proficient and highest level of detail in **REVIT MEP** design possible
- Listed as a **Top 10 Building Engineering Services Provider** for upcoming 2023 by Construction Business Review Magazine





Thank You!