

Decipher

A DESIMONE Company



FS647493



INVESTORS IN PEOPLE™
We invest in people Silver

Decipher

A DESIMONE Company

Roots in Cheshire, England, with offices in London, Manchester, and Dubai, Decipher was founded in 2001 by Paul Gibbons, CEO. The firm has become a recognised consultancy within the UK offering bespoke construction consulting services, including quantum and project advisory, quantity surveying, project planning, dispute resolution, expert testimony, and training. Mr. Gibbons, along with director Bill Bordill and the firm's 22-strong team, brings a wealth of industry-leading experience, with extensive experience navigating the complexities of large construction projects. The teams' exhaustive list of

successful projects includes football stadiums, waste processing facilities, rail and transportation infrastructure, and ground-up property developments.

After 23 years of success, Decipher joins DeSimone Consulting Engineering's worldwide network. The move combines Decipher's construction expertise with DeSimone's renowned engineering experience.



(l-r): Paul Gibbons, CEO (Decipher); Stephen V. DeSimone, Chairman and CEO (DeSimone); Bill Bordill, Director (Decipher); and Tony Manuelli, Chief Financial - Operating Officer (DeSimone).



DESIMONE

Known for the highest quality of service, DeSimone Consulting Engineering provides each client with personal, dedicated, and inspiring engineering solutions.

Founded in New York City in 1969, the firm is organized to support clients around the country and around the globe with offices in the Americas, Europe, Asia, and the Middle East. To date, DeSimone has designed over 13,000 projects in 60 countries. Our project portfolio demonstrates the firm's dedication to pursuing and developing superlative structures. The firm is also consistently listed on Engineering News-Record's Top 500 Design Firms.

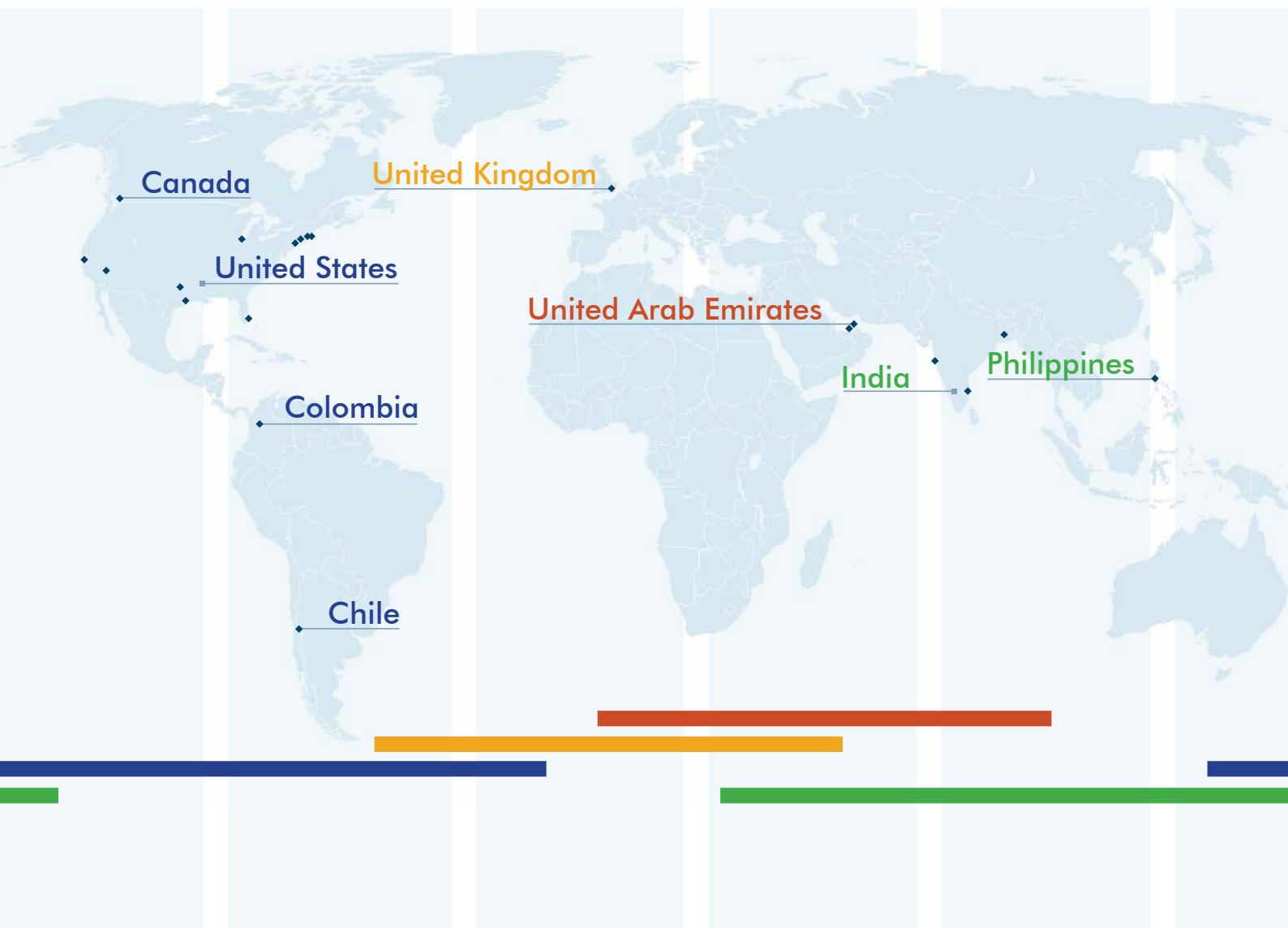
DeSimone Firm Facts

- 50th anniversary in 2019
- A multidisciplinary engineering firm
- Headquartered in New York City
- Global branch offices
- 600+ total staff
- 2021 revenue \$58 million USD
2022 revenue \$73 million USD
- 2023 ENR Top 500 Design Firm
- 86% of business from repeat clients
- 600+ awards

Services

- Structural Engineering
- Façade Consulting
- Forensics
- Integrated Design and Detailing
- Construction Consulting Services

24-Hour Design Cycle



Global Presence

- 13,000 Projects
- 600+ Employees
- 21 Locations
- 8 Countries
- 4 Continents
- 1 FIRM

Project Specialties

- Multi-Family Residential
- Hotel and Resorts
- Mixed-Use
- Educational
- Commercial
- Industrial / Data Centers
- Life Sciences
- Mission Critical
- Modular
- Gaming

Support You and Your Projects

Advisory

Contract drafting starts with a clear understanding of objectives, risks, and the desired outcomes for a project. Liabilities, obligations, responsibilities, and allocation of risk are the key to successful construction and engineering contracts. Understanding risk in any project is crucial. Almost as important is allocating that risk to the party most able to manage risk, because risk should be fairly and evenly distributed. Ensure the efficient allocation of risk and ensure project success with our support.

- Contract negotiation
- Guarantees and warranties
- Bonds and project finance agreements
- Collateral warranties
- Contractor's design portion

We can also undertake project due diligence on your capital schemes. Combine this with capital prioritisation, business case support and workplace strategies. Decipher's support ensures the success of your project from inception to completion and beyond.





Quantity Surveying

Work with Decipher and ensure that our strength in quantity surveying becomes the strength of your next project. By obtaining exceptional quantity surveying advice you can resolve, or even avoid disputes.

- Cost Planning and Procurement
- Employer's Agent
- Feasibility Studies
- Contract Administration
- Cost Management
- Final Account Preparation

Project Planning and Controls

To fail to plan is to plan to fail, Franklin famously said. Project planning and scheduling are essential disciplines in the construction process. Sometimes referred to as scheduling, Decipher's experienced planners can make the difference between success and failure.

- Project Programming
- Scheduling and Monitoring
- Project Management
- Employer's Agent

Dispute Resolution

The construction industry can be an adversarial place. Even those who enter projects with the best of intentions can find themselves embroiled in dispute proceedings. Early advice can help you avoid and manage disputes. Our expert dispute resolvers can guide you through the complex processes.

- Claims Management
- Litigation and Arbitration
- Adjudication
- Mediation
- Expert Determination

Expert Services

If you need expert advisor or expert witness support, we can help. You can bring our experts in early to act as expert advisors. We will guide your strategy and support your claims management. Or, we can provide individuals to act as expert witnesses, where fact-based impartial and objective evidence is required to assist a tribunal.

- Quantum Experts
- Delay Experts
- Clear Advice

Training

Experienced construction professionals are in short supply. The success of your projects relies on the skills and expertise of your project team. Investing in their development should be a top priority.

- Develop Your Skills
- Claims Class
- Bespoke Training



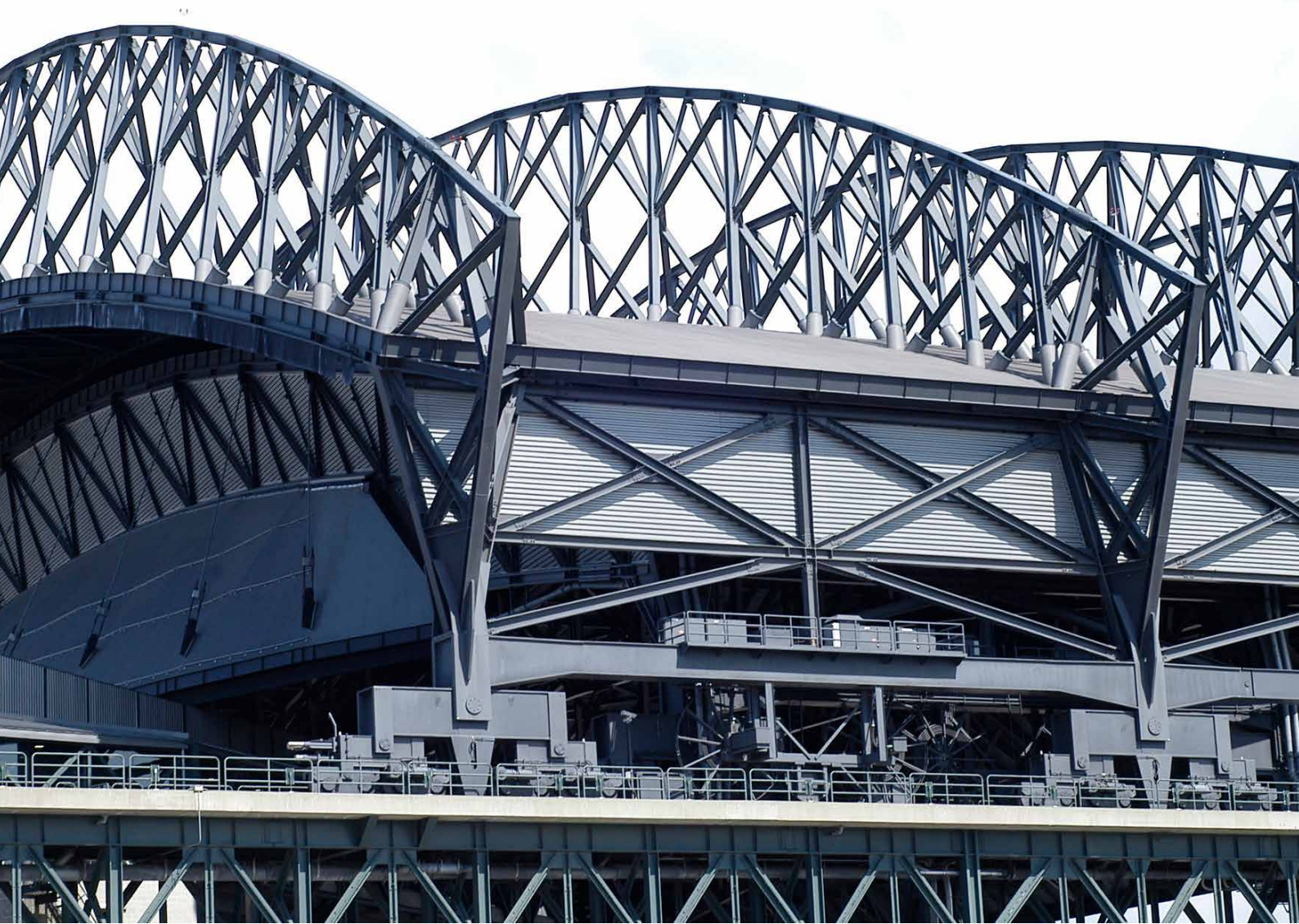
Renowned Engineering Experience

Structural Engineering

We provide innovative structural design and analysis services to architects, owners, and developers for all types of buildings at all project phases. Dedicated to the successful execution of program design concepts and the optimization of building systems, we have designed some of the tallest and most recognizable structures and have helped our clients realize their vision.

- New Building Design
- Renovation/Preservation
- Construction Services
- Base Isolation/Damping Consultation
- LEED/Sustainable Design
- Performance-based Design
- Peer Review
- Value Engineering
- Pre-Purchase/Due Diligence
- Feasibility Studies
- Risk Assessment/Risk Integration





Structural Detailing

In addition to the innovative structural design and analysis services DeSimone performs structural steel detailing for all types of buildings at all project phases. Our steel detailing service supports the delivery of complex and innovative building projects, including transportation infrastructure, industrial and energy projects, commercial buildings, educational spaces, gaming and entertainment projects, and theme park structures.

- Steel Detailing
- Bridge Detailing
- Mass Timber Detailing
- Connection Design
- Building Information Modeling

Integrated Detailing and Design

Alongside conventional steel detailing services, DeSimone offers an integrated design and detailing approach created to save our clients time, money, and frustration. In a conventional design workflow, detailing consultants are brought in to review specifications after 90% of the structure has been designed, creating a lengthy back-and-forth between detailers, architects, and engineering teams. Our innovative process includes the detailing teams earlier in the process, roughly 50% of the way through design so that detailers and designers can work hand-in-glove to resolve a project's design together.

Façade Consulting

From initial concept to completion, DeSimone's Façade Consulting group investigates, evaluates, prepares designs solutions, and provides construction administration for exterior building façade components; roofs, walls, windows/glazing, and waterproofing. We collaborate with architects, owners, and developers to deliver resilient façade/building envelope systems that address architectural intent, long-term performance, sustainability, scheduling, and budget objectives.

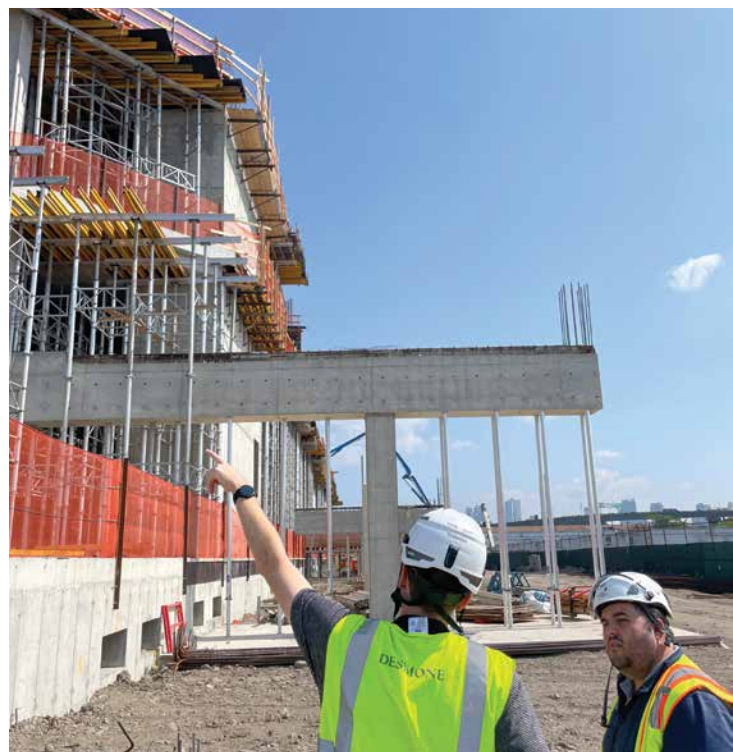
- Design Services
- Procurement Services
- Construction Services
- CoComCheck For Building Envelope
- Enhanced Building Envelope Commissioning
- Existing Building and Pre-Design Services



Protective Design

We are committed to helping owners, developers, public agencies, and architects find the best solutions to protect people and property from catastrophe, disaster and extreme events before they happen. We provide the following protective design and consulting services for both new and existing structures.

- Blast Resistant Design
- Resilience Management
- Multi-Hazard Assessment
- Progressive Collapse Analysis
- Threat & Risk Assessment
- Perimeter Security Design
- Vulnerability Assessment
- Explosive Testing
- Peer Review Services





Deansgate Square

Manchester, United Kingdom

CLIENT
Renaker Build Ltd

PROJECT SIZE
183,000 m²

ARCHITECT
SimpsonHaugh

COMPLETION DATE
2021

SERVICES PROVIDED
Structural Engineering

(dp)²
A DESIMONE Company

A tall, modern glass skyscraper with a blue-tinted facade, featuring several setbacks and a complex geometric design. The building is set against a bright blue sky with scattered white clouds. The lower portion of the image shows a dark, silhouetted foreground with some urban elements like a brick wall and a sign.

Elizabeth Tower

Manchester, United Kingdom

CLIENT
Renaker Build Ltd

PROJECT SIZE
82,210 m²

ARCHITECT
SimpsonHaugh

COMPLETION DATE
2022

SERVICES PROVIDED
Structural Engineering

(dp)²
A DESIMONE Company



The Blade and Three60

Manchester, United Kingdom

CLIENT
Renaker Build Ltd

ARCHITECT
SimpsonHaugh

PROJECT SIZE
113,200 m²

COMPLETION DATE
2025

SERVICES PROVIDED
Structural Engineering

(dp)²
A DESIMONE Company



1000 Museum

Miami, Florida

CLIENT
1000 Biscayne Tower, LLC

ARCHITECT
Zaha Hadid Architects
ODP Architects

PROJECT SIZE
88,258 m²

COMPLETION DATE
2018

SERVICES PROVIDED
Structural Engineering

DESIMONE



520 West 28th Street

New York, New York

CLIENT
The Related Companies LP

PROJECT SIZE
14,586 m²

ARCHITECT
Zaha Hadid Architects
Ismael Leyva Architects

COMPLETION DATE
2016

SERVICES PROVIDED
Structural Engineering

DESIMONE



Eagle + West

Brooklyn, New York

CLIENT
Brookfield Properties

ARCHITECT
OMA Architects

PROJECT SIZE
81,755 m²

COMPLETION DATE
2022

SERVICES PROVIDED
Structural Engineering

DESIMONE



Grand Hyatt Abu Dhabi Hotel & Residences Emirates Pearl

Abu Dhabi, United Arab Emirates

CLIENT

Arabian Construction
Company

PROJECT SIZE

130,064 m²

ARCHITECT

Dennis Lems Architects
Associates

COMPLETION DATE

2014

SERVICES PROVIDED

Structural Engineering

DESIMONE



Shangri-La at the Fort

Manila, Philippines

CLIENT
Shangri-La Hotels & Resorts

ARCHITECT
Handel Architects, LLP

PROJECT SIZE
148,645 m²

COMPLETION DATE
2015

SERVICES PROVIDED
Structural Engineering

DESIMONE

Wasl Tower

Dubai, United Arab Emirates

CLIENT
Arabtec

PROJECT SIZE
185,806 m²

COMPLETION DATE
2024

SERVICES PROVIDED
Structural Engineering

ARCHITECT
UN Studio

DESIMONE



A low-angle photograph of the Allianz Tower in Istanbul, Turkey. The building is a tall, modern skyscraper with a glass facade that reflects the sky and clouds. The tower has a unique, angular design with a prominent section of the facade made of golden-brown panels. The sky is blue with scattered white clouds. In the foreground, there are some green plants and a paved area.

Allianz Tower

Istanbul, Turkey

CLIENT
Renaissance Development

ARCHITECT
FXCollaborative Architects
LLP

PROJECT SIZE
87,979 m²

COMPLETION DATE
2014

SERVICES PROVIDED
Structural Engineering

DESIMONE



220 Central Park South

New York, United States

CLIENT
Vornado Realty Trust

PROJECT SIZE
46,452 m²

ARCHITECT
Robert A.M. Stern
Architects
SLCE Architects

COMPLETION DATE
2016

SERVICES PROVIDED
Structural Engineering

DESIMONE

5 WTC

New York, New York

CLIENT

Brookfield Properties

ARCHITECT

KPF

PROJECT SIZE

144,929 m²

COMPLETION DATE

2025

SERVICES PROVIDED

Structural Engineering

DESIMONE

A tall, modern skyscraper with a blue glass facade, the Millennium Tower in Boston. It stands prominently against a clear blue sky. In the foreground, a white, ornate church steeple is visible, partially obscured by the tower. Green trees are visible on the left and right sides of the frame.

Millennium Tower Boston

Boston, Massachusetts

CLIENT
Millennium Partners

PROJECT SIZE
97,362 m²

ARCHITECT
Handel Architects, LLP

COMPLETION DATE
2016

SERVICES PROVIDED
Structural Engineering

DESIMONE



Aston Martin Residences

Miami, Florida

CLIENT

Riverwalk East
Developments, LLC
G&G Business
Developments LLC

ARCHITECT

Revuelta Architecture
International

PROJECT SIZE

148,645 m²


COMPLETION DATE

2023

SERVICES PROVIDED

Structural Engineering

DESIMONE



Grove at Grand Bay

Coconut Grove, Florida

CLIENT
Terra Group

PROJECT SIZE
82,684 m²

ARCHITECT
Bjarke Ingels Group (BIG)
Nichols Brosch Wurst Wolfe
Associates

COMPLETION DATE
2016

SERVICES PROVIDED
Structural Engineering

DESIMONE



Honeycomb

New Providence, The Bahamas

CLIENT

Albany Condominium
Developer, Ltd.

ARCHITECT

Bjarke Ingels Group (BIG)
Michael Diggiss &
Associates

PROJECT SIZE

17,837 m²

COMPLETION DATE

2016

SERVICES PROVIDED

Structural Engineering

DESIMONE



Resorts World Las Vegas

Las Vegas, Nevada

CLIENT

Resorts World Las Vegas,
LLC.

Genting

ARCHITECT

Steelman Partners

PROJECT SIZE

613,160 m²

COMPLETION DATE

2022

SERVICES PROVIDED

Structural Engineering

DESIMONE

Decipher

A DESIMONE Company



www.de-simone.com