



DETERNOZ
ENGINEERING

PROFESSIONAL
STRUCTURAL
DESIGN
SOLUTIONS

www.DeternozEngineering.com



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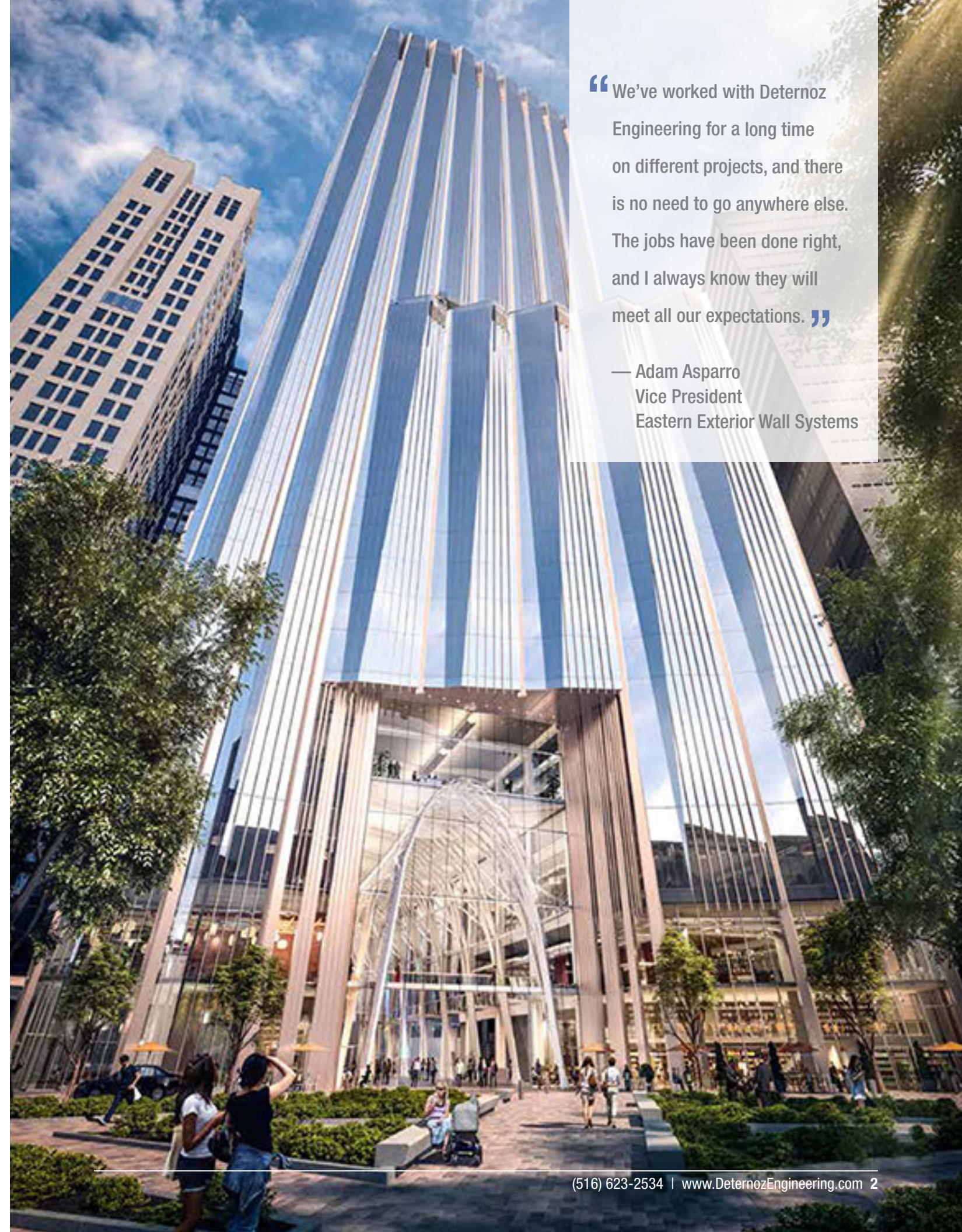
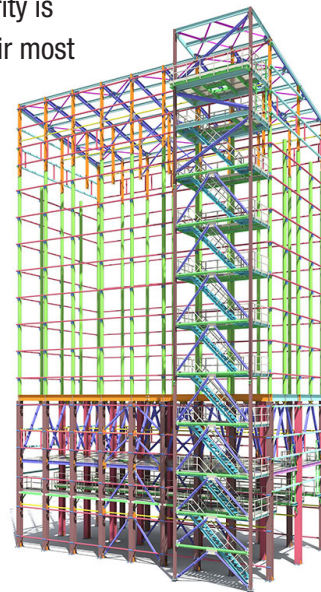
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WHO WE ARE

Deternoz Engineering is an integral engineering services company with headquarters in New York, Florida, and Texas. We specialize in Structural Design, Building Information Modeling, and Structural and Façade Consulting. We take care of all of our clients' inquiries and challenges that appear along the process — from concept to construction or fabrication.

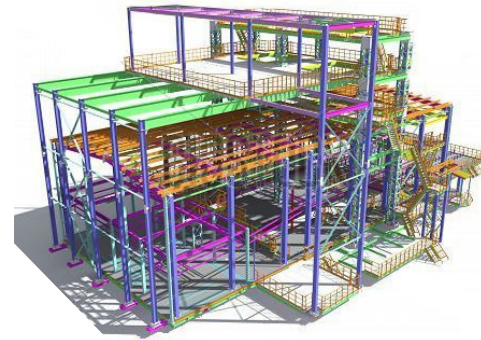
OUR MISSION

We work closely with our clients and our priority is to understand their requirements, identify their most critical challenges, and deliver high-quality, cost-effective solutions.



“ We’ve worked with Deternoz Engineering for a long time on different projects, and there is no need to go anywhere else. The jobs have been done right, and I always know they will meet all our expectations. ”

— Adam Asparro
Vice President
Eastern Exterior Wall Systems



WHAT WE DO



- **STRUCTURAL DESIGN:** Our structural analysis is based on Finite Elements Analysis (FEA) as standard evaluation. We adapt each model to our clients' requirements, and manage strategic alternatives if required. Our results are always innovative, high-quality solutions.



- **BUILDING INFORMATION MODELING (BIM):** It is fundamental for the success of our projects. It allows merging projects, deleting conflicts of Bill of Material errors, reducing costs, and increasing productivity. We have experience creating 3D modeling structures (steel, concrete, wood, or a combination) and translating 2D drawings into detailed BIM with precision.



- **STRUCTURAL & FAÇADE ACCESS CONSULTING:** We develop the façade scheme to include drawings, preliminary calculations, and outline façade performance criteria. We provide a detailed assessment of material properties and test methods, building conditions for selected materials, and assessment of the structural conditions of existing buildings constructed with combinations of materials.

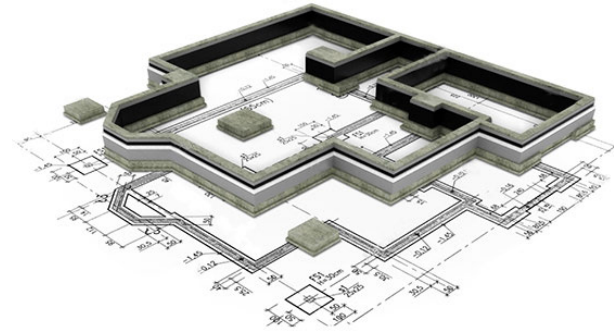
OUR EXPERTISE

Deternoz Engineering will ensure that you will have an accurate representation of complex geometry, inclusion of dissimilar material properties, easy representation of the total solution, capture of local effects: stress, deformation, and displacement. Our services also include 3D modeling and printing.

We have developed a high level of expertise in the design of custom construction equipment for installation of façade systems, dual monorail systems, gantry systems, and scaffolding systems. Our designs take into consideration extreme weather conditions, emergency preparedness, and construction building codes, from the initial planning phases to the finished construction.

“ I've met Carlos a couple of times and he's been very attentive and comes through with everything he promises. ”

— Mike Kelly
Northeast Director of
Liberty Equipment



OUR TEAM

Our team has more than 25 years of experience in the field, which has helped us overcome many challenges with outstanding results. We focus on having clear communication with our clients, so the development flows without major problems.

We have Professional Engineering Licensing and have led ambitious projects in the states of New York, New Jersey, Pennsylvania, District of Columbia, Massachusetts, Ohio, Florida, and Texas.

OUR PROJECTS

These are some of our most recent projects:

TURKEVI CENTER

Republic of Turkey Consulate
821 United Nations Plaza
New York, NY



WINTHROP CENTER

Condominium Complex
115 Winthrop Square
Boston, MA



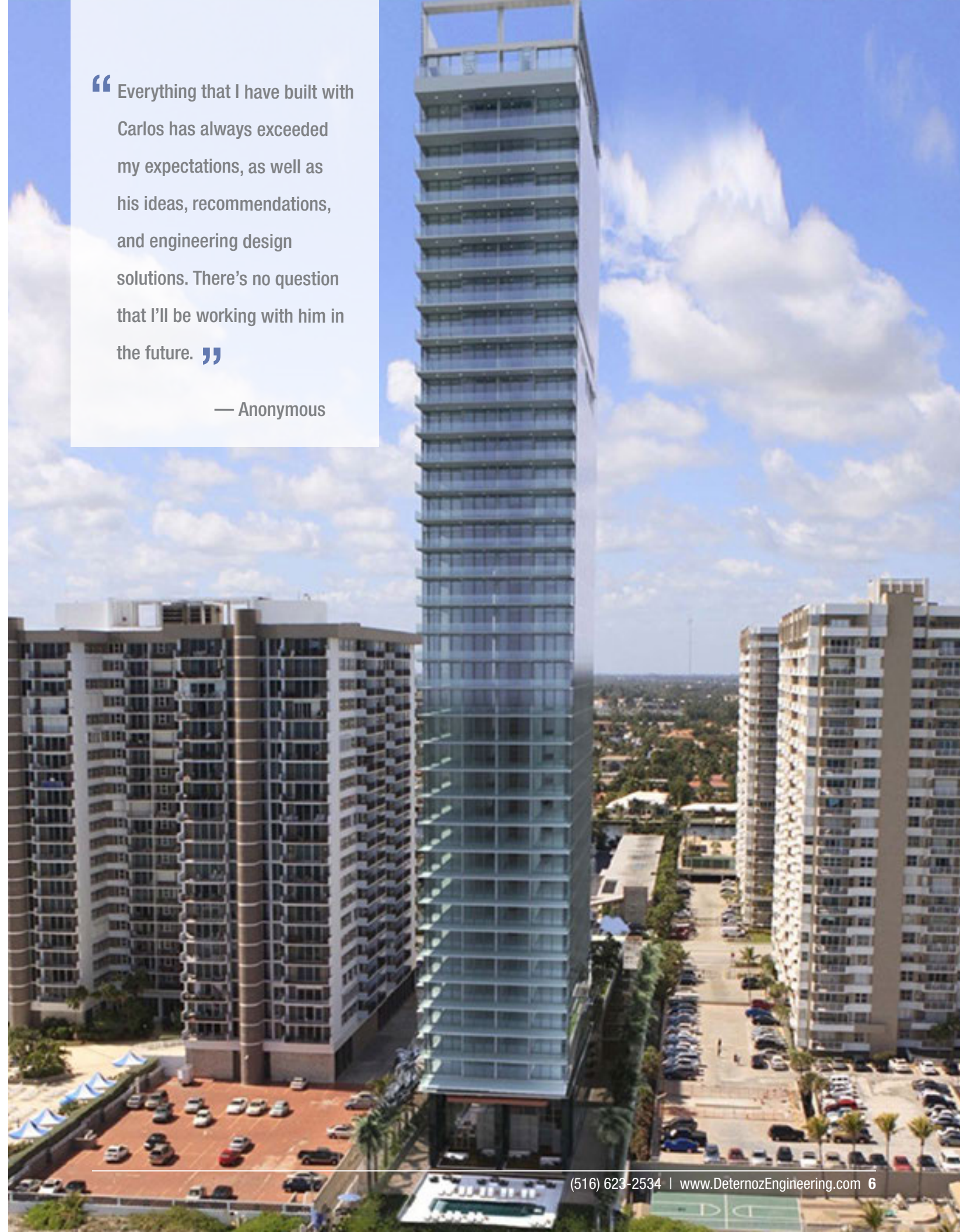
2000 OCEAN

Condominium Complex
South Ocean Drive
Hallandale Beach, FL



“ Everything that I have built with Carlos has always exceeded my expectations, as well as his ideas, recommendations, and engineering design solutions. There’s no question that I’ll be working with him in the future. ”

— Anonymous





DETERNOZ
ENGINEERING

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Visit our website for more information:
www.DeternozEngineering.com