

YONAH SADDIK, MSc, P.E., S.I.

TITLE: President & Principal Engineer of SA-TECH Engineering Consulting Group, PA.

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EDUCATION:

Technion Israel Institute of Technology: Master of Science in Civil Engineering with a specialty in High- rise design & lateral resistance for hurricane and earthquake forces for Concrete and Steel structures.

Technion Israel Institute of Technology: Bachelor of Science in Civil Engineering with a specialty in Concrete and Steel buildings.

Honors: Summa Cum Laude

DEVELOPMENT OF CONSTRUCTION METHOD:

The development of a Construction Method which applies Tunnel Forms to luxury high rise buildings with large open bays. Such application may, in many cases, save in construction costs and cut down the overall construction time.

LICENSES: Currently licensed as a Professional Engineer in the States of Florida, Alabama, Pennsylvania, and Kentucky (Alabama, Pennsylvania and Kentucky Licenses are in inactive statue at this time). **Also, Licensed as a Special Inspector in the State of Florida, a member of the NCEES, and Licensed with experience in the State of Israel.**

SPECIALIZATION: **Expert in** High-rise design, lateral resistance for hurricane and earthquake forces, application of Tunnel Forms to low, mid, and High rise buildings, Post-tensioning design, and many other construction methods commonly used for all types of reinforced concrete and steel structures.

Forensic Engineering which also includes extensive, unique knowledge and experience in Code Compliance and Standard of Care.

EXPERIENCE:

Over 27 years of experience in designing numerous Reinforced Tunnel Formed Concrete Buildings and Post-Tension Reinforced buildings including High- rise Condominiums, Hotels/Resorts, Apartment buildings, Golf clubhouses, Parking structures, Educational facilities, Commercial/Retail, and Industrial.

1985-1989

Weitz & Tseng Associates, Inc.

Senior Engineer - Designed numerous reinforced concrete and post tensioning buildings.

1990-present

President of SA-TECH Engineering Consulting Group, PA/SA-TECH Engineering, Inc. -

Designed numerous reinforced concrete and post tensioning buildings, and the application of many other structural systems.

Some of SA-TECH ENGINEERING Signature Projects include:

- **Mansions at Acqualina** – 650 feet tall condominium tower located in Sunny Isles, FL.
Consultation for the Trump Group, which involve the review of the structural calculations and design by CHM Structural Engineers (Engineer of Record), and Recommendations how to optimize its Design.
Client: Trump Group
- **Waterfront Square** - 2 condominium building towers (26 & 30 stories) located in Philadelphia, Pennsylvania.
Designed utilizing the application of tunnel forms with partial post tensioning.
Client: Isle of Capri
- **Mizner on the Green** – 19 low rise buildings located in downtown Boca Raton, Florida
Client: Trammel Crow
- **Pelican Beach Resort** – 11 story Oceanfront Resort Hotel located in Ft. Lauderdale, Florida.
Designed utilizing the application of tunnel forms and post tensioning.
Client: Steve Kruse
- **Lighthouse Condominium** – 19 story 700,000 sq.ft condominiums building located in Golfshore, Alabama.
Designed for utilizing the tunnel forms system, concrete pile and post tensioning system.