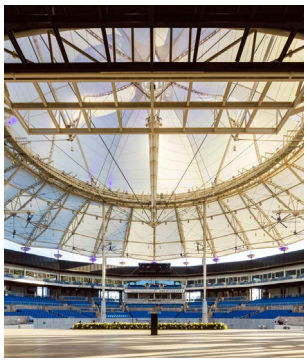
TYLin



Lightweight Structures Group

PROGRESSING PRACTICE FROM MASS TO MEMBRANE

In 2023, TYLin announced the creation of the Lightweight Structures Group to support the growth of the Buildings Sector. The group sits in the New York City offices of Silman, A TYLin Company, a key part of the Buildings Sector. The new group expands the suite of services offered to the architectural community and brings the practice into mainstream use. Nic Goldsmith and his team join the sector from FTL Design Engineering Studio, a firm with 45 years of engineering and design consulting experience with innovative buildings and special structures, exploring the application and efficient use of lightweight materials.

PERSONNEL

Nic Goldsmith, FAIA, LEED AP
FOUNDING DIRECTOR

Nic has expanded his formfinding design philosophy to new materials such as cable nets and foil pillow structures. Recent projects include the ASU SkySong Pavilion in Scottsdale, AZ and the Sun Valley Pavilion in Sun Valley, ID.

Ashish Soni
DESIGN DIRECTOR

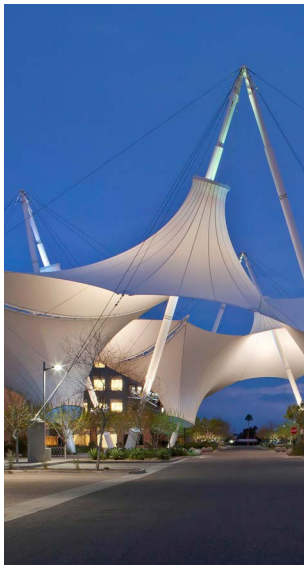
Over the last ten years at his previous firm, Ashish led the studio on several of their most prestigious projects, including the USS Arizona Interpretation Center in Pearl Harbor, HI and the Rosa Parks Transit Center in Detroit, MI.

Erik Smith, PE
SENIOR ENGINEER

Erik's interest is exploring the interface between form and structure using nontraditional materials and techniques. He has a background in both engineering and architecture. Erik's projects include the RTS pedestrian bridge in Redmond, WA.

Matt Hilyard, AIA
SENIOR ARCHITECT

Matt has led the design of prominent projects including the Louis Vuitton Island Maison in Singapore (a curtain wall shading system) and the Empire City Casino Porte Cochere in Yonkers, NY.



PERSONNEL EXPERIENCE FROM PREVIOUS FIRM

Arizona State University, SkySong Innovation Center Pavilion | Scottsdale, AZ
Tensegrity trusses allow the shade element of this large tensile fabric structure to hug the surrounding buildings without connecting to them.

Empire City Casino Porte Cochere | Yonkers, NY
The new entry for this facility is a gridshell clad in ETFE foil pillows. Using linear foil pillows along the grid lines allowed for a highly efficient solution offering rain and snow protection.

Hartford Healthcare Amphitheater | Bridgeport, CT
PTFE-coated glass fabric and ETFE foil skins helped transform a vacant minor league baseball stadium into an enclosed music venue.

La Rinconada Stadium | Caracas, Venezuela
The roof of this new 36,500-seat baseball stadium has a series of membrane structures that use curved purlins to give proper curvature to the multiple layers of tensioned fabric.

Trinity School | New York, NY
This new cable net structure covers a 20,000 sf rooftop turf field at an independent K-12 school. The truss-supported net above the field reaches over 31 feet at its highest point.