

ASD

ADVANCED STRUCTURAL DESIGN



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AdvancedStructuralDesign.com

Company Overview

Advanced Structural Design (ASD) is a certified **MBE, LDB and DBE** structural engineering firm based in Winter Park, Florida. With the highest degree of integrity and professional engineering standards, our mission is to provide comprehensive structural engineering, and inspection services for architects, owners, developers, builders, contractors, planners and government agencies. ASD works in a wide variety of sectors from multifamily, education, retail, commercial, hospitality, healthcare, aviation, sports venues, entertainment and more. Our approach is to understand the project goals through clear communication with the project stakeholders in order to ensure a successful project. Using that experience and knowledge we study the design alternatives for structural longevity, ease of construction, with economical consideration, that best achieve the project goals. To best serve you, our engineers are continually available from the initial consultation through the completion of the project.

Key Personnel



Jamshid Hakimian, P.E.
President



Carlos Hernandez, P.E., S.E.
Principal



John Bailes, P.E.
Vice President



Ali Hakimian
Director of Operations

Services

BIM 3-D Modeling	Peer Review
Connection Design	Pre-Purchase/Due Diligence
Existing Condition Evaluation	Post-Tensioned Structures
Feasibility Studies	Renovations/Preservation
Forensic Engineering	Specialty Structures
Long-Span Structures	Threshold Inspections

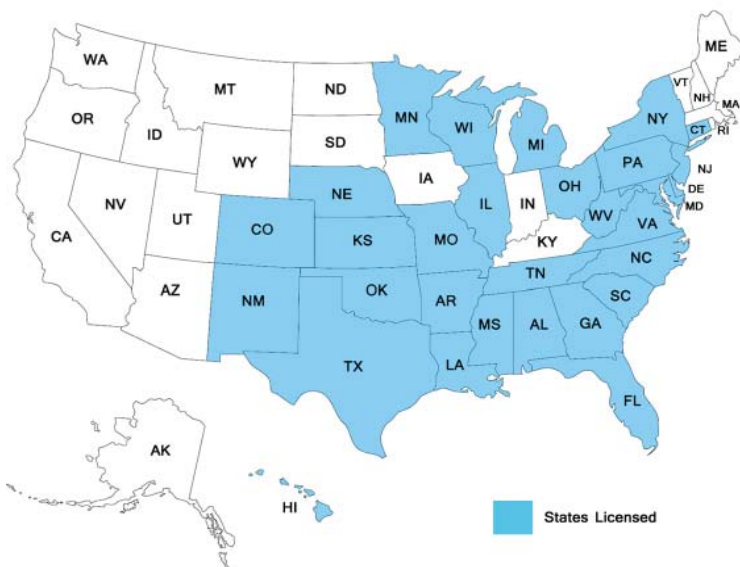
Certifications

State of Florida MBE	GOAA DBE
OCPS LDB	GOAA LDB
OCPS MBE	GOAA MBE
Osceola County MBE	Threshold Inspector
Orange County MBE	



States Licensed

Advanced Structural Design is licensed in these 31 states.



Alabama
Arkansas
Colorado
Connecticut
Delaware
District of Columbia
Florida
Georgia
Hawaii
Illinois
Kansas
Louisiana
Maryland
Michigan
Minnesota
Mississippi
Missouri
Nebraska
New Jersey
New York
North Carolina
Ohio
Oklahoma
Pennsylvania
South Carolina
Tennessee
Texas
Virginia
West Virginia
Wisconsin



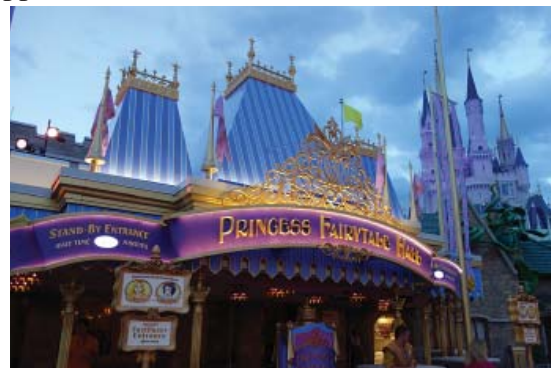
Orlando Citrus Bowl Reconstruction, Orlando, FL

Florida's Citrus Bowl in Downtown Orlando underwent a 400,000 square feet reconstruction resulting in an approximately 90 percent new stadium. ASD was in charge of the entire foundation system, all the concourse level buildings and concrete restoration of the upper bowl. Total Cost: \$207 million.



Amway Center

Orlando, FL



Disney's Princess Fairytale Hall

Walt Disney World, FL



Winnie the Pooh Tree

Walt Disney World, FL



Toy Story Midway Mania

Walt Disney World, FL



Disney's Art of Animation Resort, Walt Disney World, FL

Disney's Art of Animation Resort is a themed hotel in Walt Disney World focused on the animation movies. ASD was apart of the team to develop the 1.3 million gsf new resort area. This project consisted of 8 new guest room buildings, renovations and addition to 2 guest room buildings, pool equipment building, and renovation of the 69,000 sf commercial building and numerous icons. Total Cost: \$360 million.



Fountaibleau Miami Beach

Miami Beach, FL



Disney's Coronado Springs Resort

Walt Disney World, FL



Madison Heights Senior Housing, Tampa, FL

This project consisted of a new 128,011 square-foot apartment building with 80 residential units over ground-level parking for 81 parking spaces. There is two residential wings. One wing is two floors above parking and the other wing is six floors above parking. There is an elevated pool deck and lanai over the remaining parking area. There is also common areas on both floors of the shorter residential wing.



Gantt Senior Housing

Orlando, FL



Aston Gardens Senior Living**

Naples, FL



Sunbelt Senior Living**

Orlando, FL



Arnold Palmer Children's Hospital*

Orlando, FL



Florida Hospital Altamonte**

Altamonte Springs, FL



Parrish Medical Center**

Titusville, FL

* denotes Jamshid Hakimian's personal experience as Engineer of Record prior to ASD

** denotes John Bailes' personal experience as Engineer of Record prior to ASD



The Courtney at Universal, Orlando, FL

The project consisted of eight residential buildings containing a total of 354 residential units within five building types. Clubhouse facilities will occupy approximately 9,000 square feet of the area within one of the buildings. The project scope included amenity buildings consisting of 6-car stand-alone garages, a maintenance building with car wash, a mail kiosk, a trash compactor enclosure and a barbeque pavilion. ASD provided structural engineering services. Total Cost: \$31.4 million.



Sonoma Pointe

Kissimmee, FL



Vineyards at Hammock Ridge

Clermont, FL



Park Place

Oviedo, FL



Cambridge Villas

Omaha, NE



Sandpiper Condominiums

New Smyrna Beach, FL



The Addison at South Tryon

Charlotte, NC



Princeton Elementary School, Orlando, FL

This project was a renovation and new construction of the elementary school in Orange County. The building is a registered historical landmark so project included a new two-story building and historical renovations to the existing building. There was also an addition of a historically sensitive replacement classroom, computer lab, and media center building. ASD was the structural engineer for the project. Total Cost: \$18.8 million

ASD has successfully completed over 60 new and comprehensive schools.



Eccleston ES

Orlando, FL



Walker MS

Orlando, FL



Lake Nona MS

Orlando, FL



Dr. Phillips HS

Orlando, FL



Choices in Learning

Orlando, FL



Mech-Tech Campus

Orlando, FL



BP- 409 Rent-A-Car QTA and Support Facilities, Orlando, FL

The scope of work for this project included the design and construction of the new and expanded rental car Quick Turnaround Areas (QTA) and associated improvements to the existing Terminal A and new B Rent-A-Car (RAC) facilities. The project includes expansion, rehabilitation, and re-configuration of Terminal A QTA including new fueling and wash rack facilities; new Terminal B QTA including new fueling and wash rack facilities; conversion of Terminal A garage QTA to rental car ready return spaces. Total Cost: \$50 million.



OIA Airside 2*
Orlando, FL



NASA Saturn V Center*
Orlando, FL

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Additional Projects



Haines City Banquet Hall
Haines City, FL



Ocoee Lakeshore Center
Ocoee, FL



Northland Church
Orlando, FL



Various Fire Stations
Orange County, FL



Celebration Office Building
Celebration, FL



Various Starbucks Locations
United States



Various Chick-fil-A Locations
United States



Lynx Bus Station
Orlando, FL



ORMC Parking Garage*
Orlando, FL



Verdelyte Office Building
Lake Mary, FL



OCCC Destination Lounge
Orlando, FL



College Park Community Center
Orlando, FL

- Frozen Norway Meet & Greet, *Walt Disney World, FL*
- Brookeshire Elementary School, *Orlando, FL*
- East Wetherbee Elementary School, *Orlando, FL*
- Various projects at OCCC, *Orlando, FL*
- The Addison at Millenia, *Orlando, FL*
- Aloma Elementay School, *Orlando, FL*
- Valenica Grove, *Orlando, FL*
- Uniersity High School, *Orlando, FL*

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