

A.L.Y. Construction and Engineering

Integrity, Innovation, Integrated

www.alycande.com



Our Team



Cheng Yu, PhD



Jeremy Artman



Chris Lavezo



Cheng Yu, PhD

Managing Partner

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Dr. Cheng Yu is the managing partner of ALY. He received his PhD and Master degree in Civil Engineering from Johns Hopkins University, Baltimore, MD. He obtained his bachelor degree in Civil Engineering from Tsinghua University, China. Dr. Yu has over 15 years experience in Civil and Construction Engineering. He is an internationally recognized researcher and engineer in the area of light-frame steel construction. Dr. Yu published over 100 technical articles in the Civil and Construction fields. He is a consultant for a number of major construction and steel companies in the US. Dr. Yu's expertise includes structural design and analysis, construction methods and , building information modeling, construction risk management and control, building thermal analysis, and building component development.



Jeremy Artman

Managing Partner

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Jeremy Artman is a 4-year U.S. Army Infantry Veteran with a Master's Degree in Construction Management from the University of North Texas. He earned a B.S. in Construction Engineering Technology, with a minor in Business from the University of North Texas. Jeremy joined the Army after 9/11/2001, serving 1 year in Iraq with the 1st Stryker Brigade Combat Team from 2003 to 2004. Jeremy is a decorated Army Veteran with multiple Army Commendation Medals and Army Achievement Medals. Jeremy also spent time in Korea during his time in the Army. He is originally from Pennsylvania, where he grew up learning the construction trade from his father, a top of the line handyman and carpenter. Jeremy moved to Texas after his Honorable Discharge from the Army. His Master's thesis on the design of the new Army Tactical Operation Shelters, titled "The Design and Development of Lightweight Wall, Roof, and Floor Panels for Rigid Wall Shelters", is published. Jeremys' design of the rigid wall shelters will continue to assist the military well into the future. During his final 2 years of study, Jeremy ran and managed the Structural Research Lab at the University where he oversaw multiple research projects for companies like USG, Baltimore Air Coil, and the Department of Defense Natick Research Department. He spent just under 2 years as an intern with The Beck Group, working on the University of North Texas student union, a \$160 million project. Jeremy's area of expertise include Building Information Modeling, Construction Scheduling, Structural and Construction Engineering and Management, and Insulating materials. Jeremy has been married to his wonderful wife Kathy since 2011. He enjoys spending time with his wife, family and dogs, playing softball, and working on his property.



Chris Lavezo

Managing Partner

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Chris brings a wealth of expertise in his role as managing partner with a successful career of over 20 years of construction industry experience. As a managing partner he is responsible for the day-to-day operations of projects of the company, providing insight and leadership to help promote the success of each project. He is an expert in all aspects of pre-bid design, estimating, value engineering, bidding, negotiating contracts, project management, and the construction process. Chris also offers his extensive knowledge for consultation on new construction and renovation projects.

As a long time DFW resident with a bachelor's degree in Construction Engineering Technologies from the University of North Texas, Chris has built a network of strong working relationships within the Metroplex. He has been involved with a wide variety of projects, involving all aspects of residential and light commercial buildings.

In his free time, Chris enjoys fine woodworking, camping, and spending time with his family.

Our Services



RESIDENTIAL
CONSTRUCTION: NEW,
REMODELS, REPAIRS



LIGHT COMMERCIAL
CONSTRUCTION



PRECONSTRUCTION
SERVICES



CONSTRUCTION PHASE
SERVICES

Residential
Construction:
new, remodels,
and repairs



Light Commercial Construction



PreConstruction Services

- Budget Development
- Conceptual and Detailed Estimating
- Scheduling
- Building Information Modeling (BIM)
- BIM-based Clash-Detection
- Construction Document Drafting Services (CAD and BIM)
- Logistics Evaluation
- Design Package Support
- Constructability Review
- Value Engineering Analysis
- Preconstruction Mock-up and Exploratory Services
- LEED Support
- Bid Preparation

Construction Phase Services

- On-site construction management
- Review of plans and specifications
- Coordinate and manage Project Teams
- Site visits (daily/weekly/etc. as contracted)
- Coordinate permits
- Traffic control planning
- Verify project schedule
- Coordinate permits
- Review/Approve pay request applications, Review/Approve Change Orders
- Prepare daily / weekly logs of construction events (as required of specific project)
- Coordinate project “walk-through” to determine substantial completion and development of punch list
- Final project review for punch list completion, project close-out

Our Projects



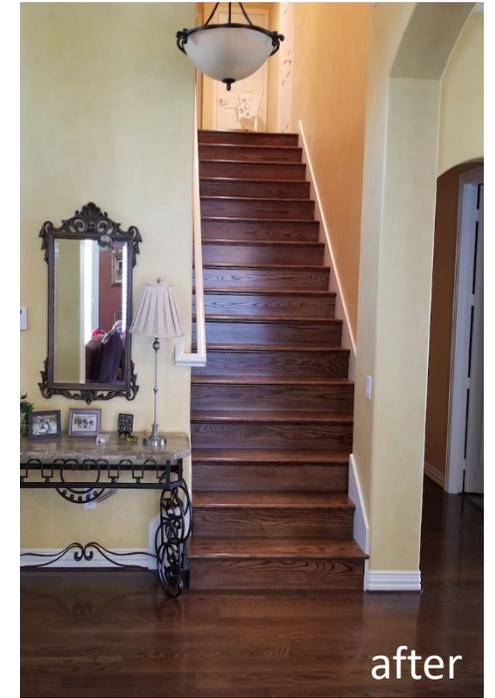
Historic home in Denton TX: Exterior repairs of all rotten wood including new columns, skirt band, corner trim, window trim, roof repairs and painting.

Our Projects



"Barndominium" a 900 sq. ft. living space with full bath and bed room, completely remodeled from a horse barn with added patio structures and concrete slab.

Our Projects



Floor and interior finishes remodeling

Our Projects



Attic decking addition with extra framing and new access to second garage