



DUNCAN MCADA

Design Engineer

Duncan McAda will be one of the Project Engineers on this Project utilizing his 16 years of experience all obtained with our Firm, Lundy & Franke Engineering. Duncan currently works on a wide variety of large and small structural projects. He is responsible for structural analysis and development of framing schemes and foundation design for architectural buildings, including coordination of details with clients during development of contract drawings. He designs miscellaneous framing elements and is responsible for back checking of CADD production for verification of accuracy and completeness.

16+ years Structural Engineering Experience

12 BIM Projects

6 LEED Certified Projects

Life long resident of Pleasanton

Relevant Experience

Julia Yates Semmes Branch Library, San Antonio, TX; \$8M. This Design-Bid-Build project included 21,000 sf, one story new branch library for the City of San Antonio. The super-structure is comprised suspended cast-in-place concrete foundation on deep drilled piers. The roof structure is comprised of long-span space frame structural steel. The facility included a design of a rainwater collection system to be used for landscape irrigation. LEED CERTIFIED

The Colonial Theatre, Pittsfield, Massachusetts; \$17M. This Design CM-at-Risk project included renovation to 1899 historic theater with new structural steel stage house construction. The project reshaped existing wood floor of seating area to return it original 1899 construction. New two story back-of-house structural steel frame for dressing rooms and restrooms.

Guadalupe County Justice Center & Parking Garage, Seguin, TX; \$6M; This Design-Bid-Build project included 70,000 sf adaptive reuse of existing warehouse and new three story 700 car parking structure. The superstructure of the existing warehouse was an existing precast double tee structure which was modified to be used as county courtrooms. The parking garage was constructed using a hybrid precast concrete structural system. LEED CERTIFIED

Shaenfield Jefferson Middle School NEISD, San Antonio, TX; \$25M. This Design/CM-at-Risk project included three story cast-in-place concrete frame and structural steel middle school. The frame system included long span trusses to clear gymnasium and auditorium spaces. Foundation included deep drilled piers socketed into limestone rock.

Concordia Lutheran Church, San Antonio, TX; \$15M, This Design CM-at-Risk project included super long span custom trusses to clear span the seating area. The twenty foot deep custom trusses included catwalks, lighting, systems and acoustical supports. A featured element of the project included a 125 foot tall cast-in-place concrete cross tower which included a custom LED lighting system designed into the structure. The second floor balcony was constructed using 40 foot long deep cantilevered steel trusses with a concrete overbuild.

License Type

Bachelor of Science, Civil Engineering - Texas Tech University (1995)

Years with Lundy & Franke Eng
16 years

Years in Proposed Role
16 years

Experience with BIM
12 projects over 5 years

* Utilized BIM technology

TISHMAN | SUNDT

Design-Build Services for the Henry B. Gonzalez Convention Center Expansion
Project Number: 42-00038

12 RESUMES