

Salvador Nuñez, P.E.
Senior Associate
West Texas Office



Education

- Bachelor of Science / Civil Engineering with emphasis on Structural Engineering New Mexico State University – Dec. 1979
- Bachelor of Science / Agricultural Engineering emphasis on Hydrology, Hydraulics, Water Supply and Distribution Systems New Mexico State University – May 1979

Registrations

- Registered Professional Engineer State of Texas – No. 66523
State of New Mexico – No. 11274
State of California - No. 35210
State of Nevada – No. 11993

Affiliations

- Structural Engineers Association of Texas (SEAOt)
- A.S.C.E.'s Chi-Epsilon member

Professional Experience

- Spectrum Engineering
- NASA's White Sands Facilities
- Accugraph Corporation
- Fluor Engineers & Contractors
- NASA's Jet Propulsion

Years of Experience Overall: 32, JEA HydroTech 5

As Senior Associate, Mr. Nuñez heads up the West Texas office of JEA HydroTech in El Paso.

He is the past President of SEAOt El Paso Chapter and Past Director of SEAOt

Significant Project Experience

Mr. Nuñez offers extensive experience in structural engineering. His achievements in structural engineering include the design and layout of tilt wall building systems for various commercial, industrial, and medical facilities.

Most notable accomplishments involved the validation and adaptation of specialized structural engineering software. Such software programs, initially developed in Europe, required testing and validation to conform to USA Model Codes. The specialized software utilized both "Finite Elements" and "Elastic Theory" methodologies. The validation involved reviewing the algorithms in order to ensure the effective application of sound structural analysis.

Other significant structural designs include reinforced and modular retaining wall systems; earth anchoring applications; and, performing forensic investigations of structures (i.e.: retaining walls; build structural support elements; building framework members; etc.).

Civil Engineering Projects

Overall engineering design and specifications of Land Development Improvements. Design services included computer aided and development terrain models, studies, planning, economic facility studies, preparation of conceptual layouts and preliminary project cost estimates, grading, drainage, utilities, construction specifications and construction quality control. Presentations to City Planning and permit negotiations with county and municipal agencies. Boundary, topographical and improvement surveys.

- ***El Paso Hills Units One & Two – El Paso, TX***
310 Lot Residential Subdivision
- ***West Green Unit Three – El Paso, TX***
115 Lot Residential Subdivision
- ***Horizon Heights Unit 11 – Horizon, TX***
118 Lot Residential Subdivision
- ***Mount Latona – El Paso, TX***
11 Lot Residential Subdivision
- ***Emeral Springs – El Paso***
69 Lot Residential Subdivision