

CV
Ruvín Grutman, P.E.
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Specialties: Civil Engineering & Land Surveying

Expertise: Drainage, Streets, Sewers, Grading, Retaining Walls, Water Supply, Subdivisions, Boundaries, ALTAs.

Registration: Registered Civil Engineer in California #41480
Registered Surveyor in California #5910
General Contractor in California #814140 - inactive
Registered Civil Engineer in Texas #49363 - inactive
Registered Surveyor in Texas #4326 - inactive
Certified Special Inspector ICBO #85630

Education: MSCE, Institute of Geodesy & Aerial Mapping, 1969-1972
BSCE, Road & Bridge Construction Technical School, 1962-1966

Cont. Education: Flood Plain Hydrology - University of Texas at Austin, 1980
Structural Engineering - California State University, Long Beach, 1992

Membership: American Society of Civil Engineers, Member
American Arbitration Association, Arbitrator
California Land Surveyors Association, Member

Expert Witness: 21 cases (Design defects – 7 cases, Construction defects – 4 cases, Property rights – 8 cases, Feasibility of construction – 2 cases)

Publications: "Computerized Bridge Coding for HEC-2 Applications on IBM PC", Proceedings of 15-th Annual Water Resources Conference, 1988.

Experience: Civil Survey Expert, Carlsbad, CA Dec. 2006 – Present
Principal
Provide civil engineering and land surveying reviews of various legal cases. Last 3 cases participated:
Boundary Conflict (riparian rights, unwritten transfers, agreed boundary).
Personal Injury (grading w/o permit).
Access easement (exclusivity, ambiguity).

GM Engineering, Inc., Van Nuys, CA, Nov. 1988 - Dec. 1, 2006
President
Principal of a civil engineering and land surveying company. Performed hundreds of civil engineering projects including Grading plans, Drainage plans, Hydrology, Hydraulics, Street design, Sewer design, Water supply design, Storm drain design, Detention pond design, Lift station design, Street light design, Subdivision design. Performed hundreds of land

surveying projects including Topographic surveys, Architectural surveys, Aerial surveys, Boundary surveys, ALTA surveys, Construction layouts, As-built surveys, Height certification, Legal descriptions, Tract maps, Parcel maps, Lot line adjustments, Flood certificates, Condominium maps.

Engineering Technology, Inc., Sherman Oaks, CA, Sep. 1986 - Nov. 1988
Project Manager
Managed and supervised numerous civil engineering projects.

Albert H. Halff Associates, Inc., Houston, TX, Feb. 1985 - Aug. 1986,
Project Manager, Director of Water Resources.
Performed Flood Insurance Studies and Flood Plain Studies. Supervised surveying operations. Designed water system improvements.

CGS Engineering, Inc., Houston, TX, Dec. 1981 - Feb. 1985,
Vice-President, Department Head
Land development of large tracts through creation of Municipal Utility Districts. Conducted feasibility studies including analyses of flooding potentials and proposed drainage alternatives. Provided technical expertise for court and arbitration hearings. Supervised design and construction phases of projects.

Turner Collie & Braden, Inc., Houston, TX, July 1979 - Dec. 1981,
Staff Engineer
Analyzed drainage problems through hydrologic and hydraulic studies. Conducted studies for Flood Insurance Administration and Corps of Engineers. Wrote engineering reports and designed drainage channels, levees detention ponds, lift stations and energy dissipaters.

Pape-Dawson Consulting Engineers, San Antonio, TX, March 1976 - July 1979,
Office Engineer.
Developed methodology and computer model for the "201"- Facilities Plan for the City of San Antonio. Supervised physical and television inspection and compiled data for San Antonio Sewer System Evaluation Survey (EPA project).

Tobin Aerial Survey, Inc, San Antonio, TX, April 1975 - March 1976,
Photogrammetrist.
Performed photogrammetric analytical computations and compiled aerial maps.