



---

**Civil Survey Expert**  
**Civil Engineers & Land Surveyors**  
26496 Summer Creek, Lake Forest, CA 92630  
tel. (818) 402-5459, fax (760) 448-5229  
e-mail: [civilsurveyexpert@yahoo.com](mailto:civilsurveyexpert@yahoo.com)

---

CURRICULUM VITAE OF RUVIN GRUTMAN, P.E. – 6/9/2023

- Specialties: Civil Engineering & Land Surveying
- Expertise: Grading & Drainage, Hydrology & Hydraulics, Streets & Highways, Storm Drains & Sewers, Retaining Walls, Water Supply, Subdivisions, Land Development, Boundaries, Easements, ALTAs.
- Registration: Registered Civil Engineer in California #41480  
Registered Land Surveyor in California #5910  
General Contractor A & B in California #814140 - inactive  
Registered Civil Engineer in Texas #49363 - inactive.  
Registered Land Surveyor in Texas #4326 - inactive  
Certified Special Inspector (reinforced concrete) ICBO #85630 (inactive)
- Education: 5-yr. Civil Engineering and Land Surveying degree, University of Geodesy, 1972  
4-yr. Civil Engineering degree, Roads and Bridges Construction College, 1966
- Additional Courses: Flood Plain Hydrology, University of Texas, 1980  
Structural Engineering, California State University, 1992  
Bridge Inspection, Texas DOT, 1979
- Membership: American Society of Civil Engineers, Life Member  
American Arbitration Association, Arbitrator  
Forensic Expert Witness Association, Past Member, Past Board Member
- Publications: "Computerized Bridge Coding for HEC-2 Applications on IBM PC",  
Proceedings of 15th Annual Water Resources Conference, 1988.
- Expert Witness: 40 legal cases (Design defects, Construction Defects, Flooding, Property rights, Easements). See the attached list of the cases.
- Experience: Civil Survey Expert. Lake Forest, CA, 2006 – Present  
Principal  
Provide civil engineering and land surveying consultation and testimonies for various legal cases that involve civil engineering or land disputes. Consult other engineering companies.
- GM Engineering, Inc., Los Angeles, CA, 1988 - 2006  
President

Performed hundreds of public and private engineering projects, including Grading and Drainage plans, Hydrology and Hydraulics analysis, Street and Highway design, Storm Drain and Sewer design, Water supply design, Detention pond and Lift station design, Street light design, Subdivisions, Topographic and Architectural 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. Received citations for late filing of a record of survey and late setting of tract monuments. All citations were resolved.

Engineering Technology, Inc., Sherman Oaks, CA, 1986 - 1988

Project Manager

Managed and supervised numerous civil engineering projects.

Albert H. Halff Associates, Inc., Houston, TX, 1985 - 1986,

Project Manager

Performed Flood Insurance Studies and Flood Plain Studies. Supervised surveying operations. Designed water supply systems,

CGS Engineering, Inc., Houston, TX, 1981 - 1985

Vice-President, Department Head

Land development of large tracts through the creation of Municipal Utility Districts. Conducted feasibility studies, including analysis 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, 1979 - 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, 1976 - 1979,

Office Engineer.

Developed methodology and the computer model for the "201-Facilities Plan" for 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, 1975 - 1976,

Photogrammetrist.

Performed photogrammetric analytical computations and compiled aerial maps.

Naval Academy, Odessa, USSR, 1972-1974

Teacher at Faculty of Port Construction.

Taught Engineering Geodesy.

## LEGAL CASES

1982	Client was a plaintiff claiming that the land development upstream of his house had caused higher flood stages during the storm increasing his damages from the flood. (Design defect - TCB)	Prepared Declaration
1983	Plaintiff's wife drowned during the storm due to an undersized sump pump and an unprotected underpass. (Design defect, negligence - CGS)	Testified in Court
1984	Arbitrated 3 or 4 various disputes between homeowners and contractors. (Construction defects).	Arbitrator for AAA
1985	Arbitrated dispute between an architect and a hotel builder. The roof of the hotel was destroyed during the hurricane. The architect was claiming that the contractor constructed a roof that deviated from specifications (Construction Defects)	Arbitrator for AAA
1992	Plaintiff had an ingress and egress easement, and he was not permitted by the neighbor to improve it. He also had a private road which was not properly recorded. (Property rights, GM Job #251700 – Mark Bortnik)	Testified in Court
1993	Defendant constructed a block wall encroaching into a neighbor's view easement. (Property rights, GM Job #2800500 – Mike Maizel)	Testified in Court
1995	Defendant was a contractor who was sued by a family of a brain-damaged child, who gained access into a drainage outlet. (Design defect, GM Job #3760100 – Jonson & Vorwerck)	Issued Declaration
1996	Plaintiff constructed a wine cellar in the basement of his house. Due to faulty construction, there was seepage of ground water through the cellar walls. (Construction defect, GM Job #5540100 – Joseph Previtire)	Testified before Arbitrator
1997	Plaintiff sold a portion of his lot and did not reserve Ingress and Egress easement. (Easement by necessity, GM Job # 5770300- James Mack).	Testified before Arbitrator
2001	Plaintiff slipped and fell due to faulty drainage design of an apartment building. (Design defect, GM Job #10770101 – Ken Lipton)	Testified at Deposition

2002	Defendant sold the property with documents showing a proposed access driveway. Plaintiff claimed that the construction of the driveway was too expensive and the sale should be rescinded. (Feasibility, GM Job #9550107 – Vera Gajitch)	Testified at Deposition
2004	Plaintiff's house sustained damages due to failure of an adjacent slope. The failure was triggered by a faulty drainage system within the neighbor's property. (Design defect, GM Job #7090400 – Cindy Beck)	Testified in Court
2005	Plaintiff requested the neighbor to remove the encroaching portion of the block wall that obstructed his driveway. (Property rights, GM Job #11660102 – Steven Kerekes)	Testified in Court
2005	Defendant claimed that the adjacent proposed land development will overburden existing ingress and egress easement and reduce value of the defendant's land. (Property rights - GM Job #11860100 – Nanette Wenger)	Testified in Court
2005	Hired by both parties to render a decision about location of a lot line and validity of adverse possession. (Property rights - GM Job # 12110101 - Richard Miller/Olga Moretti)	Rendered Decision
2005	Defendant (a church) was accused of redirecting runoff and causing flooding of the adjacent condominium. (Design defect - GM Job #12170650 – Robin Paley)	Issued Declaration
2005	Plaintiff slipped and fell due to faulty parking construction. (Construction defects, GM Job #12170690 – Robin Paley)	Issued Declaration
2005	Plaintiff slipped and fell due to faulty design of the building entrance. (Design defect, GM Job # 12171650 – Robin Paley)	Issued Declaration.
2006	Defendant was using the ingress and egress easement for other purposes. (Property rights, GM Job # 52341792 – Andrew Jablon)	Testified at Deposition
2006	Plaintiff reserved certain rights during purchase of the property. (Property rights, GM Job # 13411790 – Mitchell Karasov).	Issued Declaration Testified at Deposition

2007	Plaintiff made improvements (grading, wall) within the ingress and egress easement. (Property rights, CSE Job # 31800 – Susan Balistocky)	Testified in Court
2008	Plaintiff claimed that his fixed boundary was established by acquiescence, while the defendant claimed riparian rights. (Levine v. Riverside, Property rights, CSE Job # 91790 – Wayne Yates).	Prepared the declaration.
2008	Slipped and fall case. Determine the ownership of the area where the accident occurred. (Adler Law, TSLM Job 481790)	Performed field survey and prepared the declaration
2009	Defendant constructed private utilities within the ingress and egress easement. (Dolnikov v. Ekizian, CSE Job #31800 – Susan Balistocky, Esq.)	Testified in Court
2010	Defendant proposed to construct an access driveway that would require removal of an old encroachment. (Anstey v. Moon, Feasibility, CSE Job #161800 – Michelman & Robinson, Mark Jacobs, Esq.)	Testified at Deposition. Designed the access to show the feasibility of construction.
2010	Defendant was practicing civil engineering without a license. (Board for Engineers, Land Surveyors and Geologists v. Marc Kinnee) Board rules, Sacramento, CSE Job #220800 – Krawitz Law)	Testified in Court
2011	Defendant prevented a neighbor from trespassing defendant’s land. (Calixto v. Jasyd, LLC, Feasibility of construction, CSE Job #201800 – Eskridge Law)	Testified at Deposition Designed the access to show the feasibility of construction.
2011	Plaintiff constructed a swimming pool which began tilting eight years after construction. (Ruby v. Euston Homes, Design and construction defects, CSE Job #270230 – Mazzarella, Esq.)	Provided recommendations and cost estimates for drainage improvements. Testified at Deposition
2012	Plaintiff is a store owner who sustained significant inventory loss during a flood event. (Ghasemian vs. City of Laguna Beach, Negligence of an entity in maintaining storm drains and streets, CSE Job #281240 - Chrislip & Nervatin)	Performed drainage investigation. Provided a report defining the negligence of responsible agencies. Testified in Court.

2013	Restaurant Owner claimed that some restaurants of the same franchise are located less than 5 miles from his restaurant. (Solana Investments v. Oggi's Pizza, CSE Job #291080-McKenna Long & Aldridge.)	Computed distance. Prepared exhibit. Testified at Deposition
2014	Mobile park homeowners sued an insurance company for construction defects (Anderson v. Century Surety, CSE Job #301090 - HINES CARDER)	Prepared report for Federal Court.
2015	A neighbor blocked the ocean view of his neighbor. (Goodstein & Berman LLP, CSE Job # 321890)	Prepared Exhibits, Testified in Court.
2016	A neighbor blocked the ocean view of his neighbor. (Walton Law Group, CSE Job #341790).	Prepared Exhibit, Testified at Deposition.
2017	A surveyor recorded R of S, which showed boundary encroachment. (Newport Beach, CSE Job #361810)	Prepared an opinion letter stating that R of S is erroneous.
2018	A house was flooded during a storm event due to a neighbor's negligence. (Brian Meek, Chino Hills, CSE Job #371180)	Performed research. Prepared an opinion letter and exhibits for the court hearing.
2019	One of two neighbors decided to use their shared driveway to park his truck. (Nathan Lee, Santa Clarita, CSE Job 420430)	Provided engineering arguments for restoring the purpose of the driveway.
2020	A pedestrian sustained injury due to alleged negligence of a city (Jacques Beugelmans, CSE Job 410380).	Performed research and analysis to establish liability.
2021	A shopping center was flooded during the storm event due to the alleged negligence of the landlord. (Gross & Klein LLP, CSE Job 471910).	Analyzed the storm event to establish liability. Prepared declaration.
2022	Grading of a parcel of land was performed without Grading Permit. Grading violations were recorded by the county against the property. Neighbors initiated legal actions. (Davidovich Stein Law Group, CSE Job 501190)	Prepared necessary documents to remove the violations.
2022	The neighbor backfilled a retaining wall. The wall became unstable. (Delaplane Law Group, CSE Job 511140)	Analyzed the cause of wall collapse. Design a new wall. Testified in Court.

2023	A new commercial building encroached over the property line of a residential lot. (Mims, Kaplan, Burns & Garretson, CSE Job #531790).	Verified magnitude of encroachment. Advised the client of his options.
------	---	--