

Description of Services

The following descriptions are designed to assist the layperson in selecting the proper engineering/land surveying services. The descriptions are general and the firms listed on the back page should be contacted for further clarification.

Environmental (E)

The firm prepares environmental studies/reports and evaluations in conjunction with land development projects and works with the Civil Engineer/Land Surveyor in taking the project through the governmental approval process.

Hydrology/Hydraulics (HY)

Hydrology/hydraulics typically include the preparation of hydrologic and hydraulic reports, erosion control plans, storm water management plans, analysis and design of storm water BMP's, and flood control facilities. Services might also include more advanced riverside and floodplain management studies.

Land Development Planning (LD)

Land development engineering firms perform a wide array of services associated with the subdivision of land and the improvements necessary to prepare a site for building. The engineering firm may help prepare a conceptual plan for a development which may include preliminary environmental evaluations, take the project through the governmental approval process, prepare plans for site improvements (i.e. grading, roads, sewer, waterlines, drainage facilities, etc.), surveying, and generally take all steps necessary to subdivide a parcel of land.

Land Surveying (LS)

Tasks commonly associated with land surveying include boundary surveys to establish property lines, topographic contour maps, laying out the alignment of roads, pipelines, etc. from engineering drawings, and controlling the location and height of grading operations. Many more specialized tasks may be performed by a surveyor. A qualified land surveyor can answer questions regarding land ownership and boundary location and can also advise on the proper course of action.

Photogrammetric Engineering & Aerial Mapping (PS)

Photogrammetric services include aerial photography, topographic and planimetric mapping, GIS base mapping, digital orthophotos and photogrammetric consulting. Products rendered can be delivered as hard copy plots and /or digitally.

Planning (P)

The firm prepares a conceptual plan for the development with the Civil Engineer/Land Surveyor in taking the project through governmental approval process. Other typical tasks include General Plan Amendments, zone changes and annexations.

Sanitary Septic System Design (SA)

Septic system design and engineering deals with the testing and design of on-site subsurface sewage disposal systems in areas where public sewer is not available, typically in the unincorporated areas of the County.

Soils Engineering (SE)

Soils engineering deals with soil stability and geologic issues. Typical projects include investigations to determine soil characteristics on a building site, slope stability problems, building settlement issues, and quality control for grading projects. Many geotechnical firms also have capabilities to study ground water movement, and other related subsurface issues.

Structural Design (SD)

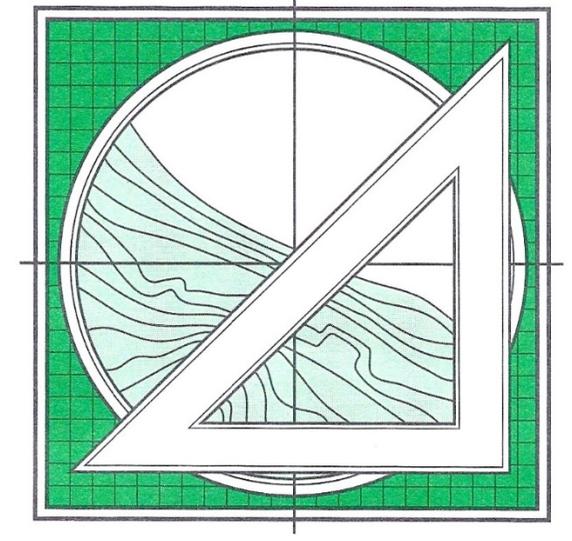
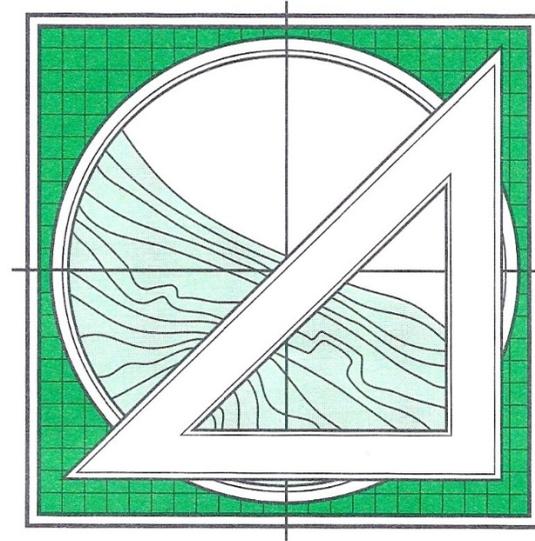
Structural engineering is the analysis and design of structural members or systems to resist gravity and lateral (wind and earthquake) forces. Typical projects include structural calculations and drawings for retaining walls, and all type of buildings, except public schools and public hospitals.

Traffic Engineering (TE)

Traffic engineering firms deal with traffic planning. Demographic data is used to predict traffic patterns to determine where new streets are needed, when a street must be widened, where traffic control devices are needed and other similar information.

For more information or additional brochures write to:

NCC&LSA
PO Box 2367
San Marcos, CA 92079-2367
or
email nce.lsa@gmail.com



Information also available on our website:

NCCELSA.com



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North County Civil Engineers and Land Surveyors Association Directory

The North County Civil Engineers and Land Surveyors Association serves the dual purpose of maintaining the high professional standards of its members and providing liaison between government agencies and private business. The Association promotes integrity, good faith, just and equitable principles in business, uniformity in professional practices, and represents the business and professional interest of Civil Engineers and Land Surveyors in the City and County legislation throughout Southern California and the local region

N.C.C.E & L.S. A, Membership

2026

3/26/2026

A. J. Surveying

12120 Tech Center Dr, Ste D
Poway, CA, 92064
208-596-0528
Amanda Jones. PLS
a.jones@ajs-us.com
Specialty: LS

Applied Consultants

1941 Friendship Dr., Ste A
El Cajon, CA, 92020
619-258-9000
Jorge L Valdez, PE
www.applied-consultants.com
Specialty: SE SA

Civil Engineering Consulting Services

P.O. Box 2158
Valley Center, CA, 92082
760-271-8261
Marco A. Limon PE
civilengineeringconsulting services.us
Specialty: SD

Civil Landworks

110 Copperwood Way, Ste P
Oceanside, CA, 92058
760-908-8754 x5
David Caron, PE
www.civillandworks.com
Specialty: LD

Clarke Environmental Design, Inc.

110 Copperwood Way, # P
Oceanside, CA, 92058
760-716-3100
Sean R. Clarke, RLA
sean@srclandarc.com
Specialty: E

Coastal Land Solutions, Inc.

191 Calle Magtdalena, Ste 270
Encinitas, CA, 92024
760-230-6025 202
Sean C. Englert, LS
www.coastal-land-solutions.com
Specialty: LD LS PS P HY

Dan D. Harrison

10308 Santana St
Santee, CA, 92071-5021
619-449-6033
Dan D. Harrison, LS
dan.harrison@cox.net
Specialty: LS Retired

GIS Surveyors, Inc.

10911 Technology Pl
San Diego, CA, 92127
858-679-1732
Paul Loska, LS
www.gissurveyors.com
Specialty: LS PS

Karn Engineering & Surveying

129 Fig Street (P.O. Box 518)
Fallbrook, CA, 92028
760-728-1134
Scott Harry, PE, LS
www.karnengineering.com
Specialty: LD LS P SA HY

Latitude 33 Planning & Engineering

10731 Treena St
San Diego, CA, 92131
760-331-3702
Lucas Townsend, PE
www.latitude33.com
Specialty: LD

Lebl Surveying and Mapping

4225 Oceanside Blvd, #H-109
Oceanside, CA, 92056
442-500-4652
Maximilian Lebl, LS
www.www.leblsurvey.com
Specialty: LD,LS,PS,P

Marc Boogay, Consulting Engineer

1584 Whispering Palm Drive
Oceanside, CA, 92056
760-212-0012
Marc Boogay, RCE
www.boogay.com
Specialty: SA, E

Pasco, Laret, Suiter and Assoc. Inc

1911 San Diego Ave., Suite 100
San Diego, CA, 92110
858-259-8212
Justin Suiter, PE
www.plsaengineering.com
Specialty: LD LS P

Rancho Coastal Eng. and Surveying Inc.

310 Via Vera Cruz, #205
San Marcos, CA, 92078
858 775-8474
Douglas E. Logan, PE
www.rcesd.com
Specialty: LD LS HY P SD

Rancho Land Co.

P.O. Box 2634
Ramona, CA, 92065
619-871-4504
Casey Lynch
www.rancholandco.com
Specialty: LS

San Dieguito Engineering, Inc.

1911 Palomar Oaks Way, Suite 200
Carlsbad, CA, 92008
858-345-1149
Annie Aguilar, PE
www.sdeinc.com
Specialty: LD LS P PS HY

Shick Land Consulting

1943 Ainsley Rd
San Diego, CA, 92123
858-571-3288
Richard L. Shick, Jr PE
sdparadise@earthlink.net
Specialty: LD

SMS Geotechnical Solutions, Inc.

5931 Sea Lion Place, Suite 109
Carlsbad, CA, 92010
760-602-7815
Mehdi Shariat, PE, GE
www.smsgeotechnicalSolutions.com
Specialty: SE

Spear and Associates, Inc.

475 Production Street
San Marcos, CA, 92078
760-736-2040
Bruce Bonde, PLS
www.spearinc.net
Specialty: LS,LD,HY

Strike Engineers

1140 W Bernardo Ct, Ste 300
San Diego, CA, 92127
774-573-7630
Jeff Koloski, PE
Jeff@strikeengineers.com
Specialty: LD, HY, SA

Szytel Engineering and Surveying, Inc.

P.O. Box 1588
Valley Center, CA, 92082
760-741-6979
Gary Szytel, RCE, PLS
www.szytel-engineering.com
Specialty: LD LS

The Sea Bright Company

4322 Sea Bright Place
Carlsbad, CA, 92008
760-807-9098
Robert Sukup RCE
sukup@roadrunner.com
Specialty: LD

Tory R. Walker Engineering, Inc.

122 Civic Center Dr., Ste 206
Vista, CA, 92084
760-414-9212
Tory R. Walker PE
TRWEngineering.com
Specialty: HY

Value Engineering

7373 Central Ave.
Lemon Grove, CA, 91945
619-952-7255
Alberto Sandoval, PE
asandoval@value-engineer.org
Specialty: LD, HY

U. C. IacuanIELLO II, Consulting Engineer

1128 Mulberry Dr
San Marcos, CA, 92069
760-703-6808
U.C. IacuanIELLO II, RCE
Chuck.IacuanIELLO@outlook.com
Specialty: SD Retired

U.E.S. (formerly CTE)

1441 Montiel Rd, Suite 115
Escondido, CA, 92026
760-746-4955
Dan Math, PE
www.teamues.com
Specialty: SA,SE,LS

Vinje & Middleton Engineering, Inc.

2450 Auto Park Way
Escondido, CA, 92029
760-743-1214
Malcolm Vinje, RCE
vinje.middleton.escondido@gmail.com
Specialty: SE SA E

Wunderlin Engineering Inc.

P.O. Box 461300
Escondido, CA, 92046
760-644-2944
Michael Wunderlin RCE,LS
wunderlinengineering.com
Specialty: LD,LS,SA,HY

Will Rogers & Associates (ASSOC. MEM)

27315 Valley Center Road, Suite A
Valley Center, CA, 92082
760-703-9946
Will Rogers, RLA
wra-us.com
Specialty: P

Wynn Engineering, Inc.

27315 Valley Center Road
Valley Center, CA, 92082
760-749-8722
Gary Wynn, PE
www.wynnengineering.com
Specialty: LD LS P SA HY SD