

ARKADIUSZ “TOM” KULA

Owner of Kula Engineering, Inc.

Objective: My objective is to provide fast, accurate, and economical engineering solutions that ensure a successful partnership with our customers that enhance their performance.

Summary of Qualifications

- Ability to perform and review structural analysis, calculations, and design
- Ability to interpret requirements of design and construction and handling of code enforcement issues
- Strong experience in AutoCAD, Revit drafting
- Experience with timber, steel and concrete design
- Experience with blast loads & design
- Experience with construction materials
- Strong attention to detail and accuracy
- Ability to meet deadlines, multi-task, and adjust to changing priorities
- Ability to work independently as well as in a team environment
- Self-motivated, enthusiastic, responsible, and eager to learn

Licensure

2012 Licensed as a Structural Engineer in CA, Certificate No. S 5864

2009 Licensed as a Professional Engineer in Civil Engineering in CA, Certificate No. C 75047

Experience and Knowledge

01/2007 – present

Structural Engineer

Clark Pacific, West Sacramento

Structural analysis and design of structural and architectural precast concrete, GFRC, C-CCAP panels with their connections and preliminary loads of structure for multistory buildings. Detailed analysis of panels, beams, columns, connections, incorporation of story drift, and load path analysis. Including calculations and drafting. Expertise in designing of precast panels against blast loads for Federal Government Agencies. Communicating with other engineers, and field crews. Continuing the training of BIM implementation, as the near future a must of engineering design.

01/2005 – 12/2006

Assistant Engineer

T-Nie Engineering, Roseville

Structural analysis and design of residential and production homes. Including analysis, calculations and drafting. Communicating with clients, architects, and contractors. Over 60 projects made, plus drawn structural plans for many multi-complex structure, such as townhouses, hotels, etc.

Software Applications

AutoCAD, Revit Structure, MathCAD, ROBOT Structural Analysis, Visual Analysis, RAM Structural System, Risa-3D, Concise Beam, Eneclac, Nonlin, A.T. Blast, SPAn32, SDOF, Microsoft Products, Adobe Acrobat.

Education

1997 – 2004 Technical University of Lodz, Poland

Master of Science CE with an emphasis in Structural Engineering.

Graduated with high honors.

Knowledge of hydraulics, electrical circuitry, heat transfer, field construction planning, laboratory research, and surveying both geodetic and geological.

Blast Design Background

- Time: Three years' experience in blast design, starting from 2009 year.
- Jobs: New San Diego Courthouse (GSA), San Bernardino Court, San Diego Office Building (preliminary/estimating).
- Education: Jon A. Schmidt seminar, various books and articles, (design reviewed by blast engineer from Hinman, Weidlinger and also by GSA).

Interests, Achievements, and Activities

- Graduated with High Honors in MSCE, Member of SEA OCC, Enjoy Traveling, nature, and yachting