



Ryan Sandstrom SE, PE

Director, Engineering

Department
Engineering

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Locations
Los Angeles, CA

Biography

Ryan is a licensed professional and structural engineer with over nine years of experience performing new and retrofit designs, forensic damage investigations, and code analyses. His structural engineering experience includes new designs, tenant improvements, and seismic retrofits of research laboratories and classroom buildings at educational institutions, and neurointerventional and radiology facilities at healthcare institutions. He also has experience in the forensic investigation of residential, commercial, institutional, educational, and healthcare facilities. Ryan is efficient and effective in opining on the cause and extent of damage, conducting code analyses related to required upgrades or retrofit work, and providing repair recommendations and/or engineered repair drawings.

Education

- California Polytechnic State University | San Luis Obispo
Master of Science -
- California Polytechnic State University | San Luis Obispo
Bachelor of Science -

Professional Experience

- 2020 - 2023 | Senior Project Manager | YA Engineering Services
- 2023 - Current | Director, Engineering | YA Engineering Services
- 2019 - 2020 | Director of Forensics | John Labib + Associates
- 2016 - 2019 | Structural Engineer Forensic Consultant | Envista Forensics
- 2011 - 2016 | Structural Engineer and Project Manager, | KPFF Consulting Engineers

Areas of Practice

- Building Code Upgrade Review
- Building Envelope
- Damage Assessment
- Failure Analysis
- Repair and Rehabilitation Design
- Structural Analysis

Representative Consulting Assignments

- Commercial Building Partial Roof Collapse
Torrance, CA | Investigation of collapse cause and mediation support services.
- Biological Science Center
Tempe, AZ | Design of new 180,000 SF structure.
- Clinical and Translational Research Facility
La Jolla, CA | Design of new 365,000 SF structure.
- Clinical Development Center
Santa Clarita, CA | Investigation of structural fire damage and pre-lawsuit

support services.

- Commercial Building Sinkhole
Trona, CA | Investigation of structural damage due to sinkhole.
- Commercial Building Explosion
Los Angeles, CA | Investigation of structural damage.
- Luxury Multifamily Condominiums
Beverly Hills, CA | Design of new 120 unit condominium structure.

Affiliations

- Structural Engineers Association of Southern California (SEAOSC)
- American Concrete Institute (ACI)
- American Society of Civil Engineers (ASCE)

Credentials

- SE | Structural Engineer
- PE | Professional Engineer

Licenses

- Arizona | 64133 | Professional Engineer (Structural)
- California | 6364 | Structural Engineer
- California | 80728 | Civil Engineer
- Colorado | 52867 | Professional Engineer
- Nevada | 24603 | Structural Engineer
- Texas | 128136 | Professional Engineer