



Ryan Sandstrom

SE, PE

Director, Engineering

Department

Engineering Services

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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.

Credentials

- SE | Structural Engineer
- PE | Professional Engineer

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.

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

Area of Practice

- Building Code Upgrade Review
- Building Envelope
- Damage Assessment

- Failure Analysis
- Repair and Rehabilitation Design
- Structural Analysis

Education

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

Affiliations

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

Licenses

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