



Lisette Terry

PE

Senior Project Manager

Department

Engineering Services

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Locations

Seattle, WA

Biography

Lisette Terry, PE, is a Civil Engineer with nearly two decades of structural engineering experience. Ms. Terry has contributed to the success of various projects, from single-family residential repairs to high-rise steel building design to the sizable Panama Canal Third Set of Locks design. Ms. Terry designed the Water Saving Basin structures that efficiently reduce the water usage from Lake Gatun as each ship passes through the Third Set of Locks in Panama.

Ms. Terry's Forensic Practice focus areas include fire and life safety, property damage assessments and investigations, foundation analysis, water intrusion, and construction defects. She has specific expertise in reconstruction design. Her primary work focuses on investigating and assessing reported damage to single-family residential, multi-family residential, and commercial buildings. Ms. Terry is proficient at fire-damaged structural assessments, vehicle-damage structural assessments, snow-damage structural assessments, building envelope investigations, construction defect investigations, structural repair recommendations, code upgrade requirements, and preparation of permitted sets of structural repair plans.

Credentials

- PE | Professional Engineer

Representative Consulting Assignments

- Providence Everett Medical Center | Everett, WA | Design Engineer - Design and analysis of the gravity steel framing and lead engineer during the construction phase.
- Panama Canal Third Set of Locks | Panama | Design Engineer - Design and analysis of the reinforced concrete water saving basins, trifurcations, valve structures, conduits and approach structures.
- Mud Mountain Dam Fish Passage Facility | Buckley, WA | Design Engineer - Design and analysis of the steel framed fish passage release site, 5 miles upriver from the dam on the White River.
- N&H Industrial Building | Marysville, WA | Project Manager - Structural assessment of the commercial building to identify repair scope for vehicle impact related damage.
- Clarus Eye Center | Lacey, WA | Project Manager - Damage investigation of reported water-related interior damage.
- Park South Apartments Carports | Seattle, WA | Project Manager - Damage investigation of reported snow-related damage to 41 residential carport structures. Preparation of structural repair drawings for 23 of the 41 carports that were damaged due to snow.
- Reverie at Marcato | Tacoma, WA | Project Manager - Damage Investigation and peer review of a third-party investigation related to reported damage of post-tension concrete slabs.
- Shell Gas Station | Orting, WA | Project Manager - Damage assessment of fire damage to the structure. Preparation of architectural and structural drawings for gas station involving a full rebuild and owner-elected

upgrades including an apartment above the commercial building.

- Single-Family Residential (various) | Washington | Project Manager - Preparation of structural repair drawings for damages including but not limited to fire, tree impact, vehicle impact, snow, water intrusion.
- Multi-Family Residential (various) | Washington | Project Manager - Preparation of structural repair drawings for damages including but not limited to fire, tree impact, vehicle impact, water intrusion.

Professional Experience

- 2024 - Current | Senior Project Manager | YA Engineering Services
- 2023 - 2024 | Project Manager | YA Engineering Services
- 2019 - 2023 | Associate | Degenkolb
- 2016 - 2019 | Civil Engineer | CASE Forensics a Jensen Huges Company
- 2009 - 2016 | Project Engineer | Tetra Tech
- 2006 - 2009 | Design Engineer | Magnusson Klemencic Associates

Area of Practice

- Building Envelope
- Building Code Upgrade Review
- Condition Assessment
- Construction Administration
- Damage Assessment
- Litigation Support
- Repair and Rehabilitation Design
- Structural Analysis

Publications and Presentations

- 2016 - Terry L., Utkan, A., PANAMA CANAL THIRD SET OF LOCKS: WATER SAVING BASINS, Presentation at PIANC-COPEDEC IX, Rio de Janeiro, Brasil

Education

- University of Washington - Bachelor of Science - Civil Engineering - Seattle - Washington
- University of Washington - Master of Science - Civil/Structural Engineering - Seattle - Washington

Affiliations

- Structural Engineers Association of Washington (SEAW)
- National Council of Structural Engineers Associations (NCSEA)
- American Society of Civil Engineers (ASCE)
- Women in Structural Engineering (WiSE)
- Structural Engineering Engagement and Equity (SE3)
- National Association of Women in Construction (NAWIC)
- Creator and Chair of the SEAW Diversity, Equity, and Inclusion (DEI) Committee, 2020-Current
- Advisory Board Chair - West Seattle and Fautleroy YMCA, 2019-Current

Licenses

- 47029 - Washington - Professional Engineer
- 18656 - Idaho - Professional Engineer

- 95538PE - Oregon - Professional Engineer