



# Brett Reed

20+ years experience designing buildings, exceeding client expectations, and performing on-site inspections.

## WORK EXPERIENCE

### Senior Civil Engineer, Powlowski-Collins

Newton, MA • January 2006 — Present

- Supervised a team of 8 civil, electrical and mechanical engineers
- Designed and produced plans for a wide range of projects including public capital improvement projects, commercial sites, subdivisions, and transportation infrastructure
- Oversaw plan productions totalling \$13 billion for 7 different clients
- Compiled and submitted permit applications to local, state and federal agencies
- Produced engineering documents using CAD and Civil 3D
- Conducted on site investigations, inspections, and analyzed data
- Completed stormwater inspections and wrote detailed reports
- Sampled and tested concrete, masonry, grout, asphalt, and soil
- Performed special inspection of structural building components including reinforced concrete, pre-stressed/post-tensioned concrete, reinforced masonry, and post-installed anchors
- Trained technicians and inspectors on test methods and proper techniques
- Reviewed engineering drawings and reports

### Civil Engineer, Kilback Inc

Lakeville, MI • January 1993 — December 2005

- Worked closely with senior design engineers
- Developed plans and specifications for buildings worth over \$3 billion
- Completed and reviewed calculations for building designs
- Prepared engineering cost opinions
- Performed special inspection of soil placement and compaction, foundation construction, and full-scale foundation load testing
- Drew civil plans (site plans, grading and stormwater plans, utility plans), diagrams, and profiles, using cross-sections and surveys
- Created templates and other standard drawings using Civil 3D software
- Supported the design and production of plans and specifications
- Assessed impacts of development, including transportation projects in flood prone areas
- Drafted geotechnical reports
- Made recommendations regarding foundation design, soil bearing pressures, slope stability, and lateral earth pressures
- Conducted field surveys

## EDUCATION

### University of California--Berkeley

Berkeley, CA

1988 — 1992

Civil Engineering Degree

GPA: 3.9/4.0

## PROFILE

- 📍 Newton, MA
- 📞 (415) 223-4177
- ✉️ brettreed@gmail.com
- linkedin.com/in/brettreed
- facebook.com/brettreed
- instagram.com/brettreed
- twitter.com/brettreed

## SKILLS

- Problem-Solving Skills
- Computer-Aided Design Software (CAD)
- Analytical Skills
- Visualization
- Teamwork
- Organization Skills

## HOBBIES

- Songwriter
- Guitar
- Badminton
- Karaoke

## CERTIFICATIONS

- Civil 3D Software  
2019
- Certified Planning Engineer  
2019
- Certified Public Infrastructure Inspector  
2019
- Certified Construction Manager  
2019