



CEC's BASEMENT WALL DESIGN SERVICES

We are a dynamic structural engineering firm backed by talented engineers and Staff members committed to providing our clients with the most efficient and cost-effective professional engineering design services. **CEC's** engineers are fully versed in all types of structural design discipline. Our design services include concrete and masonry walls for plain as well as reinforced basement walls.

CEC has developed **STRUCTURAL DESIGN SOFTWARE** that enables our clients to be more competitive through significantly **IMPROVED CONSTRUCTABILITY** through **VALUE ENGINEERING**, and a **24/7 DESIGN TEAM** to ensure the quickest project delivery available. That translates into a lower COGS (Cost of Goods) for you. Multiply your savings over each and every home you build as **CEC's** designs save you additional dollars on every project through reduced labor and material costs!

BASEMENT WALL DESIGN SERVICES:

- **8" thick Plain Concrete basement wall 8 to 9 ft. high resists up to 60 pcf pressure**
- **No vertical reinforcement required**
- **Backfill can be placed without first floor deck being in place**
- **Instant delivery of designs which are easy to understand and construct**
- **Improves quality and value of your structure**
- **Save labor, time and material**

TYPICAL PACKAGE INCLUDES:

- **Foundation plan**
- **Notes and details**
- **Structural analysis and calculations**

We are able to provide our clients a total package of engineering services or with just the design services necessary to accommodate your needs. We handle single family homes, condominiums, townhouses, remodeling or renovation projects, residential repair projects and structural emergency projects with **UNBEATABLE SPEED, ACCURACY, AND VALUE!** Imagine your increased competitiveness as your designs save money and time in the field. Please visit our website at www.basementwall.com for more information.

Please give me a call today, and let me give you more details on how we can help you be more productive.

Sincerely,

Corporate Office:

11480 Sunset Hills Road Suite 200-E
Reston, VA 20190-5208 USA
Ph: (703) 481-2100 Fax: (703) 481-3200
E-mail: manager@engineer-cec.com

Memberships:

American Society of Civil Engineers (ASCE)
American Concrete Institute (ACI)
Precast Concrete Institute (PCI)

Partial Client List

- Toll Brothers, Inc.
- Ryan Homes
- NV Homes
- Richmond American Homes
- Washington Homes
- Caruso Homes
- Beazer Homes
- Comstock Homes
- Craftmark Homes
- US Homes
- Pulte Homes Corp
- Craftstar Homes
- Charter Oak Homes

Licenses

- Virginia
- Maryland
- Nevada
- Texas
- South Carolina
- North Carolina
- Pennsylvania
- Ohio
- New Jersey
- Michigan
- New Mexico
- Arizona
- California
- Colorado
- Florida
- Georgia
- Illinois
- Indiana
- Massachusetts
- District of Columbia

CEC Websites

www.framingdesign.com
www.cec-az.com
www.parkingstructuredesign.com
www.basementwall.com
www.precastdrafting.com
www.retainingwalldesign.com