# EARTH RETENTION guide

#### Altair

Phone: 604-273-7737 Email: manishaw@altair.com Web: www.altair.com/s-concrete **Product:** Altair S-CONCRETE

**Description:** S-CONCRETE quickly and accurately designs reinforced concrete column, beam, wall sections, and continuous beams to regional code requirements. Versatile and easy-to-use for any project workflow, users save time by automatically checking thousands of concrete designs at once to produce comprehensive design reports.

#### ClearCalcs

Phone: 303-309-9444 Email: help@clearcalcs.com

Web: www2.clearcalcs.com/retainingwallcantileverUSA

Product: Cantilever Retaining Wall Calculator to IBC 2018, ASCE 7-16

Description: ClearCalcs offers fast, customizable cantilever retaining wall design and analysis calculations for IBC. The easy-to-use interface makes it effortless to input your soil report information or use presumptive values if you do not have access to a soil report. Try it for free for 14-days at https://bit.ly/3SJxt05.

#### ENERCALC, Inc. Phone: 800-424-2252



Email: info@enercalc.com Web: https://enercalc.com Product: ENERCALC / Retain Pro Description: For 30+ years, RetainPro provided time saving tools for analyzing and designing nearly any type of earth retention structure. Concrete and/or masonry, cantilevered or restrained, gravity walls, segmental walls with/without geogrids, soldier pile, gabion. Handles multiple

loading conditions and stem designs. Today,

these tools are included in your ENERCALC subscription.

### IES, Inc.

Phone: 800-707-0816 Email: info@iesweb.com Web: www.iesweb.com Product: IES VisualFoundation

Description: You need rock solid foundation design. IES offers easy structural software, like VisualFoundation. Quickly model mat slabs, pile caps, and grade beams. Get stability checks, handle punching shear, and make smart codecompliant designs. Try it free, watch videos, find product benefits and pricing at website.

Product: IES QuickRWall

Description: Design retaining walls? Try QuickRWall and generate 16 pages of hand calculations and sketches of your design. You simply specify the wall, soil conditions, and other loads. Get instant feedback on pass/fail status, see details of all checks. Start making money on your designs with QuickRWall from IES.

Listings are provided as a courtesy, STRUCTURE is not responsible for errors.

# **RISA Technologies**

Phone: 949-951-5815 Email: candicec@risa.com Web: www.risa.com **Product:** RISAFoundation

Description: Designs retaining walls, two-way mat slabs, spread footings, grade beams and pile caps all within an open modeling environment. Create retaining walls in RISAFoundation and add line loads to them as well. RISAFoundation's user friendly interface creates retaining walls graphically or through spreadsheets.

# **Trimble**

Phone: 678-737-7379

Email: jodi.hendrixson@trimble.com

Web: www.tekla.com/us Product: Tekla Tedds

Description: A powerful design program for automating wind and seismic calculations and performing member designs. Tekla Tedds features a built-in library of calculations for quickly calculating ASCE 7 wind and seismic forces for any structure and component design modules, beams, columns, and foundation designs. Modules can be linked.

Product: Tekla Structural Designer

Description: Designing a lateral force-resisting system has never been easier with Tekla Structural Designer's codebased 3-D BIM analysis and design tool. Built-in loading wizards automatically calculate all wind and seismic forces, generate design cases, and optimize the design of steel and concrete members to the latest design codes.

#### Williams Form Engineering Corp.

Phone: 616-866-0815

Email: williams@williamsform.com

Web: www.williamsform.com **Product:** Anchor Systems

**Description:** Williams Form Engineering Corporation has been providing threaded steel bars and accessories for rock anchors, soil anchors, high capacity concrete anchors, micropiles, tie rods, tiebacks, strand anchors, hollow bar anchors, post tensioning systems, and concrete forming hardware systems in the construction industry for over 100 years.

# Not listed?

Sign up for a free listing in our 2023 Guides at

STRUCTUREmag.org

