

ENGINEERING REQUEST FORM

For Retaining Walls Up To 8' Exposed Height



Property Owner: _____

Property Address: _____

City: _____ State: _____ Zip: _____

Phone: _____ Fax: _____

Email: _____

PROJECT NAME: _____

WALL INFORMATION

Block Being Used: _____

Maximum exposed wall height (ft): _____

Is your retaining wall project multi-tiered or terraced (Multi-tiered walls are not presently included in this standard engineering program)? Yes No

Are grading plans available that show wall placement, elevations, lineal footage with grade lines and/or wall face profiles? Yes No

- If YES, include the plans with this request form.
- If NO, sketches of a plan view and/or the wall face profile(s) must be provided with this engineering request (See graph sheets and instructions provided for sketching of retaining walls)

Photos of the proposed retaining wall site must be provided with this engineering request. (See "Photograph Instructions")

SLOPE INFORMATION

(See "Slope Angle Determination Instructions")

Top of wall

Is there a slope at the top of the wall (see diagram)?

Yes No

- If YES, indicate the angle of slope (example, 2 horizontal to 1 vertical)
Horizontal _____ to Vertical _____
- Is the slope rise (elevation change from top of wall to top of slope) the same as or greater than 2 times the height of the wall (see diagram)? Yes No

Bottom of wall

Is there a slope at the bottom/front of the wall (see diagram)?

Yes No

- If YES, indicate the angle of slope (example, 2 horizontal to 1 vertical)
Horizontal _____ to Vertical _____

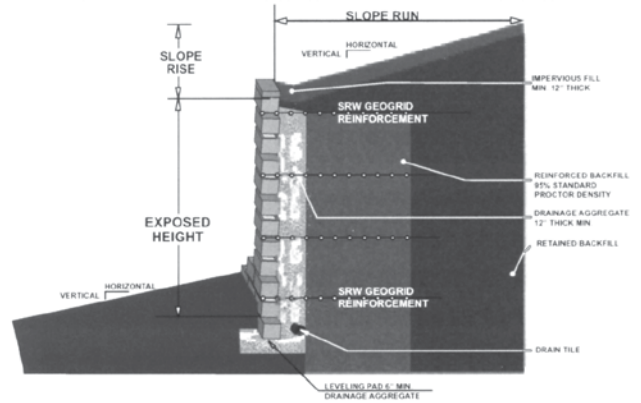
Contractor/Installer: _____

Property Address: _____

City: _____ State: _____ Zip: _____

Phone: _____ Fax: _____

Email: _____



SURCHARGE LOAD INFORMATION

Indicate type of load at the top of the wall.

- Lawn or grassy
- Light auto parking/Drive
- Heavy truck parking/Highway

Is there any other loading within 2 times the height of the retaining wall? Yes No

- Indicate what type of loading it is _____
- Indicate load distance from top of wall _____ (measured in feet from the face of the retaining wall)

SOILS INFORMATION

Is there a soils report available? Yes No

- If yes, include soils report with this request form.
- If no, include soil sample as outlined in soil sampling instructions.

Leveling pad shall consist of well graded sand & gravel, gravel, or drainage aggregate.

WATER INFORMATION

Is internal or external water involved? (External water would include run-off at the top of wall and/or a pond, lake or stream at the bottom of wall. Internal water could be seepage out of the retained soil.) Yes No

- If yes, indicate how water is involved.

OTHER

Is there a steel, wood, or PVC fence at top of wall?

Yes No

Are there utilities etc. needing to go through the facing or reinforced soil? Yes No

RETURN STAMPED ENGINEERING

To: _____

Property Address: _____

City: _____ State: _____ Zip: _____

Phone: _____ Fax: _____

Email: _____

ADDITIONAL INFORMATION

Please write below anything additional that you feel the engineer needs to know about the retaining wall.

PRODUCT INFORMATION

What retailer did you (or plan to) purchase the supplies for this project? _____

What company manufactured the block unit you are using for this project? _____

PAYMENT INFORMATION

Account Number: _____ - _____ - _____ Exp. Date: _____ / _____ Business Personal

3-digit Number (on back of card) _____ VISA MASTERCARD OTHER _____

Name On Card: _____

Complete Billing Address: _____

City: _____ State: _____ Zip: _____

PLEASE FILL OUT ALL ITEMS ON THIS FORM.

By submitting and signing this form I certify that the information provided herein is accurate and correct. HTS will forward all required information to a licensed and registered engineer in the state of the project. If any site conditions change (e.g. water seepage, soil changes, surcharge changes, or height changes etc.), are encountered, construction of retaining wall must be stopped and Hardscape Technical Services informed of the new conditions before placing ANY retaining wall units. It can then be determined if the stamped designs are appropriate or if changes are required. If faxed or emailed documentation is acceptable for your local building authorities, the turnaround time is estimated to be no longer than five working days from the day that Hardscape Technical Services receives all the required information, including payment. **HOWEVER**, if raised embossed stamping is required by your local building authorities, add the necessary time to return the stamped engineering by means other than electronic.

Information Supplied by (please print): _____

Signature (required): _____ Date (required): _____

Hardscape Technical Services (HTS), PO Box 369, Princeton, MN 55371, 866-582-0894, hts@hardscapetech.com

Need help figuring your project? Use our Stone Calculator online at www.borgertproducts.com.