

*For preliminary evaluation, complete this form and email or fax to your Presto Geosystems distributor/representative or Presto Geosystems. Items marked with a \* are required to proceed with a preliminary evaluation.*

**Project Information**

\*Project Name \_\_\_\_\_  
 \*City \_\_\_\_\_ \*State/Province \_\_\_\_\_ \*Country \_\_\_\_\_  
 Estimated Geoweb® Wall Face Area \_\_\_\_\_ m<sup>2</sup> ft<sup>2</sup>  
 \*Describe problem to be solved by the Geoweb system:  
 \_\_\_\_\_

**Person Requesting Information**

\*Relationship with Project (check one)  
 Consulting Engineer    Architect    Contractor    Owner   Other \_\_\_\_\_  
 \*Company \_\_\_\_\_ \*Contact Name \_\_\_\_\_  
 \*Address \_\_\_\_\_ \*City \_\_\_\_\_  
 \*State/Province \_\_\_\_\_ \*Zip/PC \_\_\_\_\_ Country \_\_\_\_\_  
 \*Phone \_\_\_\_\_ \*Fax \_\_\_\_\_ Email \_\_\_\_\_

**Presto Geosystems Distributor Information (if known)**

Company PSM Technologies (Pty) Ltd   Contact joriokot@psmtechnologies.com  
 Office Location Johannesburg, South Africa

**Design Information**

**What is the wall height?**  
 \*Maximum \_\_\_\_\_ m ft   Minimum \_\_\_\_\_ m ft

**What wall geometry is desired?**  
 Single Height without terraces    Terraced \_\_\_\_\_ number of levels

**\*What is the front face batter?**  
 \_\_\_\_\_ degrees from vertical   OR   \_\_\_\_\_ H:V

***What is the wall type desired?***

- |                                       |   |
|---------------------------------------|---|
| <input type="checkbox"/> Gravity Wall | <input type="checkbox"/> Geosynthetic-Reinforced Wall |
| <input type="checkbox"/> Tiered Wall  | <input type="checkbox"/> Stacked Fascia               |

***If a Geosynthetic reinforced wall is desired,***

Reinforcement Type \_\_\_\_\_

OR Product Line / Manufacturer \_\_\_\_\_

Long-term Design Strength \_\_\_\_\_ kN/m (lb/ft)

***What is the surcharge on top of the wall?***

- |                                      |  |
|--------------------------------------|--|
| <input type="checkbox"/> None        | <input type="checkbox"/> Building (~loading) _____ |
| <input type="checkbox"/> Automobiles | <input type="checkbox"/> Other (~loading) _____    |
| <input type="checkbox"/> Highway     |  |

Distance from front face of wall to surcharge \_\_\_\_\_ m ft

***What are the backslope details, if any?***

Angle of backslope \_\_\_\_\_ H:V      Length of backslope \_\_\_\_\_ m ft

***Is the wall to be constructed on a slope? (YES/NO)***

If YES, what is the slope angle? \_\_\_\_\_ degrees OR \_\_\_\_\_ H:V

***Seismic Parameters, if applicable***

What is the peak ground acceleration coefficient? \_\_\_\_\_

**Soil Properties**

**Geoweb Infill Description**

Angle of Internal Friction \_\_\_\_\_ degrees

Unit Weight \_\_\_\_\_  kN/m<sup>3</sup>  lb/ft<sup>3</sup>

**\*Backfill Soil Description**

Angle of Internal Friction \_\_\_\_\_ degrees

Unit Weight \_\_\_\_\_  kN/m<sup>3</sup>  lb/ft<sup>3</sup>

**\*Retained Soil Description**

Angle of Internal Friction \_\_\_\_\_ degrees

Unit Weight \_\_\_\_\_  kN/m<sup>3</sup>  lb/ft<sup>3</sup>

Cohesion \_\_\_\_\_

**\*Foundation Soil Description**

Angle of Internal Friction \_\_\_\_\_ degrees

Unit Weight \_\_\_\_\_  kN/m<sup>3</sup>  lb/ft<sup>3</sup>

Cohesion \_\_\_\_\_

**\*Exposed face cell infill**

- |  |                                      |
|--|--------------------------------------|
| <input type="checkbox"/> Top Soil / Vegetation | <input type="checkbox"/> Concrete    |
| <input type="checkbox"/> Stone / Crushed Rock  | <input type="checkbox"/> Other _____ |

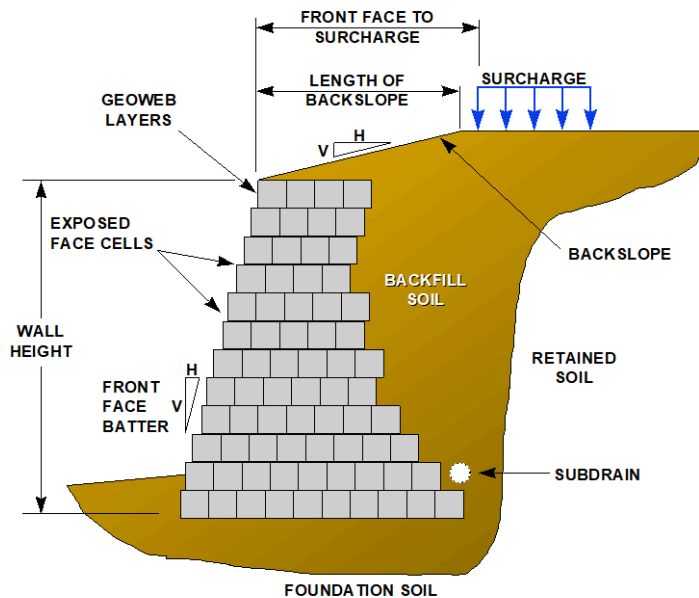
**Wall fascia color desired**

- |                                       |   |
|---------------------------------------|---|
| <input type="checkbox"/> Tan Fascia   | <input type="checkbox"/> Black Fascia _____ |
| <input type="checkbox"/> Green Fascia |   |

**Schedule**

1) **Deadline Dates:** Project Evaluation Needed By \_\_\_\_\_  
 Projected Bid Date \_\_\_\_\_ Planned Construction Startup \_\_\_\_\_

**Basic Earth Retention System Definitions**



NOTE: Hydraulic and drainage requirements are the responsibility of the Engineer of record.

*The project evaluation will be performed based on specification characteristics, structural values and limits for the Geoweb® material manufactured under an ISO 9001:2008 Quality Management program. The Evaluation is protected by copyright and any use of this Evaluation with materials manufactured by anyone other than Presto Products Company causes the recommendation and/or drawings to become invalid.*