# Structures Data Capture Form

<table>
<thead>
<tr>
<th>Project Name &amp; Location</th>
<th></th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Drawings Included</th>
<th>Y / N</th>
<th>Ground Investigation</th>
<th>Y / N</th>
<th>Customer Company &amp; Contact:</th>
<th></th>
</tr>
</thead>
</table>

**Link to TensarTech System Types to help with your selection**

**Facing Type:**  
TensarTech Modular Block / Panel Wall, TR2 Mesh, CribWall, RockWall, GreenSlope (Steel Mesh), Wraparound, NaturalGreen  

**Facing Type:**  
Please circle  
(Near vertical or 68°)  
(55 to 90°)  
(76°)  
(70 to 90°)  
(55 to 70°)  
(45 to 90°)  
(Up to 45°)

<table>
<thead>
<tr>
<th>Length</th>
<th>Max Height</th>
<th>Av. Height</th>
<th>Total Face Area</th>
<th>Face Angle</th>
<th>Crest Slope</th>
<th>Toe Slope</th>
<th>Temp Load</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>m</td>
<td>m</td>
<td>m</td>
<td>m²</td>
<td>°</td>
<td>°</td>
<td>°</td>
<td>kPa</td>
<td></td>
</tr>
</tbody>
</table>

Total length of structure:  
The maximum height:  
The average height:  
Total face area (L x Av.H):  
Structure face angle:  
Angle of crest slope:  
Angle of toe slope:  
Live or dead loads to be assessed:  

<table>
<thead>
<tr>
<th>Soils information</th>
<th>Soils Description</th>
<th>Soil Properties</th>
<th>Parameters assumed or derived from</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>c' (Drained)</td>
<td>C' value (kPa)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>phi' (Drained)</td>
<td>Phi value (°)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>γb (Drained)</td>
<td>Bulk density (kN/m³)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Cu (Undrained)</td>
<td>(kPa)</td>
<td></td>
</tr>
</tbody>
</table>

**Reinforced Fill**  
Fill within the geogrid zone

**Retained Fill**  
Fill behind the geogrids

**Foundation Soil**  
Soils below the proposed structure

**Groundwater Level**  
Groundwater level to be included  
mbgl  
Required Return Date:  
Please note we usually require at least 5 working days

**Please note, to enable us to produce accurate timely proposal, all the information above is required**

**Project Stage:**  
Feasibility / Pre-Tender / Tender / Contract Awarded / On-Site

**Level of Service Required:**  
Free of Charge Application Suggestion / Design & Supply (Including PI Insurance)

**PLEASE REFER TO PAGE 2 FOR SCHEMATIC DIAGRAMS AND TYPICAL REINFORCED FILL PROPERTIES TO AID INPUT PARAMETERS REQUESTED ABOVE**

V1.1019
Walls Schematic

Slopes Schematic

<table>
<thead>
<tr>
<th>Reinforced Fill Type</th>
<th>$\phi_{\text{peak}}^\ast$</th>
<th>Typical Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class 6I/6J, Class 6N</td>
<td>35-40°</td>
<td>As a reinforced fill for face angle greater than 70°</td>
</tr>
<tr>
<td>Class 6F1</td>
<td>33-38°</td>
<td>As a reinforced fill for face angle 45-70°. May be used for face angle greater than 70° depending upon project specifications</td>
</tr>
<tr>
<td>Class 2C</td>
<td>24-28°</td>
<td>Site won material as a reinforced fill for face angle up to 45°. May be used for face angle up to 70° depending upon suitability of the fill for the given site conditions</td>
</tr>
</tbody>
</table>