



Project:

Distributor: _____

Project Name: _____

City: _____

Estimated SoilWeb® area:

_____ m x _____ m = _____ m²

Tender: Yes ☐ No ☐

Projected Bid Date: _____

Planned construction Startup: _____

Known competitors: _____

Describe problem to be solved by the SoilWeb® system:
(Please provide a sketch or cross section!)

Alternative/ Conventional way of construction (without SoilWeb®):

SoilWeb® Construction Design Method Standards:

- EuroCode 7 prepared by Technical Committee CEN/TC 250
- National Annex - Eurocode 7 DIN EN 1997-1/NA:2010-12: Geotechnical design - Part 1: General rules
- German Standard DIN 1054: Subsoil - Verification of the safety of earthworks and foundations - Supplementary rules to DIN EN 1997-1

Disclaimer/ Limitation of use

The accuracy of preliminary designs/ evaluations based on PRFs depends on the quality of the provided data. Specific values/ information which cannot be provided reduce the quality and reliability of preliminary designs since comparable values have to be assumed. Evaluations/ Preliminary designs are copyrighted and specifically based upon the unique characteristics of Soiltec's SoilWeb® products, the general European Geotechnical Guidelines and our research work. A final design shall be prepared by a licensed professional engineer based on actual field conditions or can be ordered separately with us.



Design information

What is the channel type?

- | | |
|--|--|
| <input type="checkbox"/> Trapezoidal | <input type="checkbox"/> Stepped Trapezoidal |
| <input type="checkbox"/> Parabolic | <input type="checkbox"/> Spillway/ Chute |
| <input type="checkbox"/> Rectangular | <input type="checkbox"/> Other |
| <input type="checkbox"/> Full Channel or <input type="checkbox"/> Bottom only or <input type="checkbox"/> One Embankment | |

What are the channel dimensions?

Base width _____ m Top width _____ m

Side Slope _____ H:V Length _____ m

Channel depth _____ m

What is the channel hydraulics?

Depth of flow _____ m Bed slope _____ %

Velocity _____ m/ s Discharge Q _____ m³/ s

Water flow ☐ Continous or ☐ Intermittent (duration _____ hours)

What other hydraulic conditions apply?

- | | |
|---|---|
| <input type="checkbox"/> Surface sheet Runoff | <input type="checkbox"/> Wave Action/ Wave height _____ m |
| <input type="checkbox"/> Ground water seepage | <input type="checkbox"/> Ice Action |
| <input type="checkbox"/> Rapid Drawdown/ Time _____ hours | <input type="checkbox"/> Other |

What is under the SoilWeb®?

- | | |
|--|---|
| <input type="checkbox"/> Native soil | <input type="checkbox"/> Concrete |
| <input type="checkbox"/> Stone or Gravel | <input type="checkbox"/> Geomembrane/ Sealing |
| <input type="checkbox"/> Rock | <input type="checkbox"/> Other |

What are the foundation soil properties?

Kind of soil (description): _____

Specific weight (kN/ m³): _____

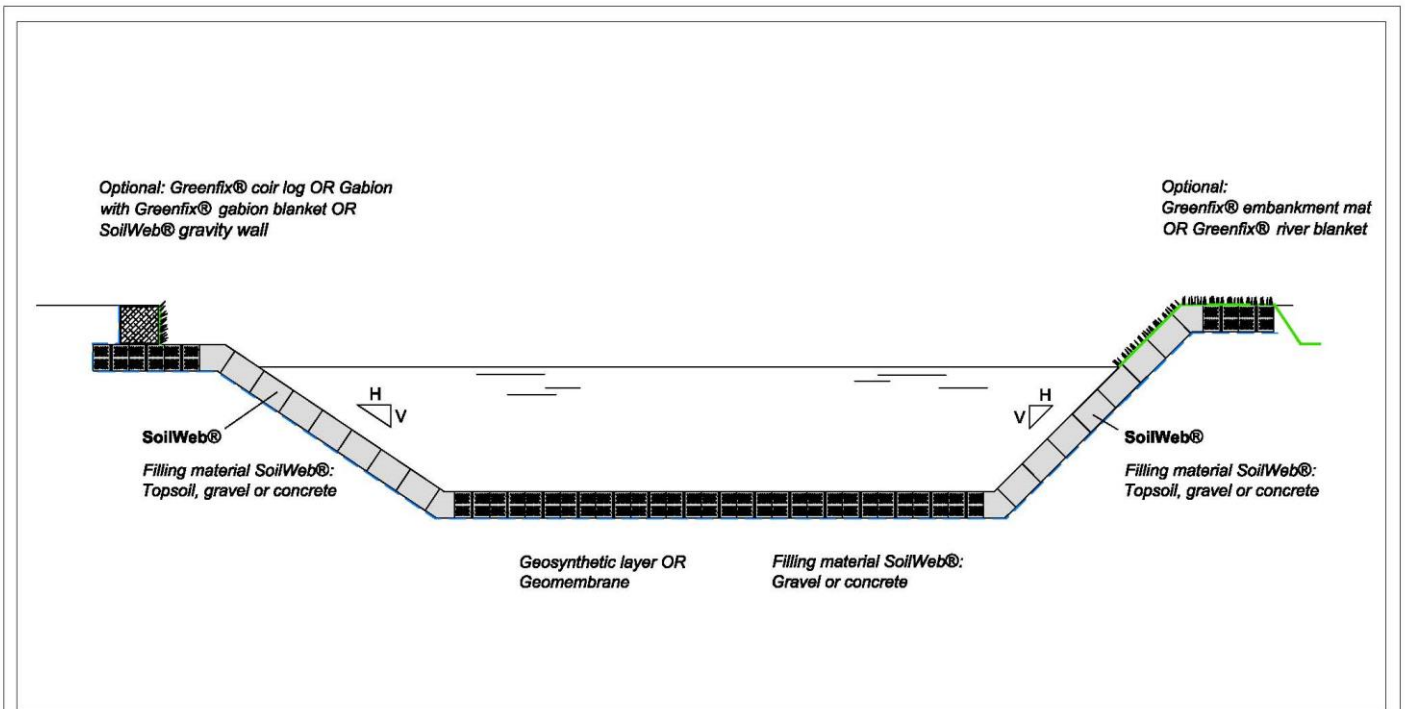
Angle of internal friction (°): _____

Cohesion (kN/ m²): _____

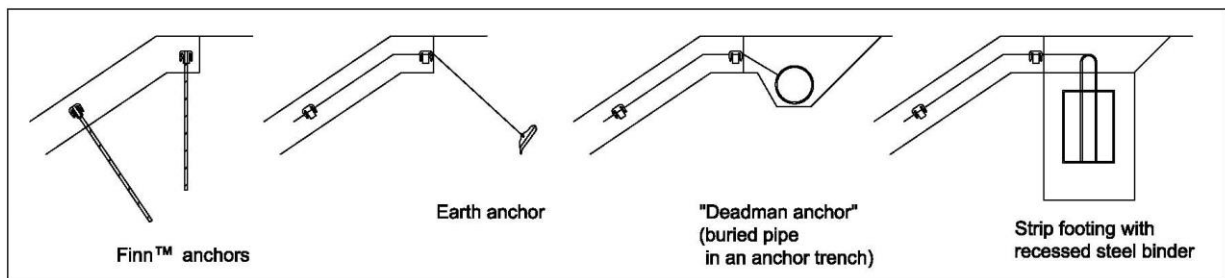


Which filling material is desired?

- | | |
|---|-----------------------------------|
| <input type="checkbox"/> Topsoil for vegetation | <input type="checkbox"/> Concrete |
| <input type="checkbox"/> Stone or Gravel | <input type="checkbox"/> Other |



Anchorage SoilWeb®:



Logistics information

- | | |
|--|------------|
| <input type="checkbox"/> Cost estimation | needed by: |
| <input type="checkbox"/> Quotation | |
| <input type="checkbox"/> Preliminary design/ Calculation | |