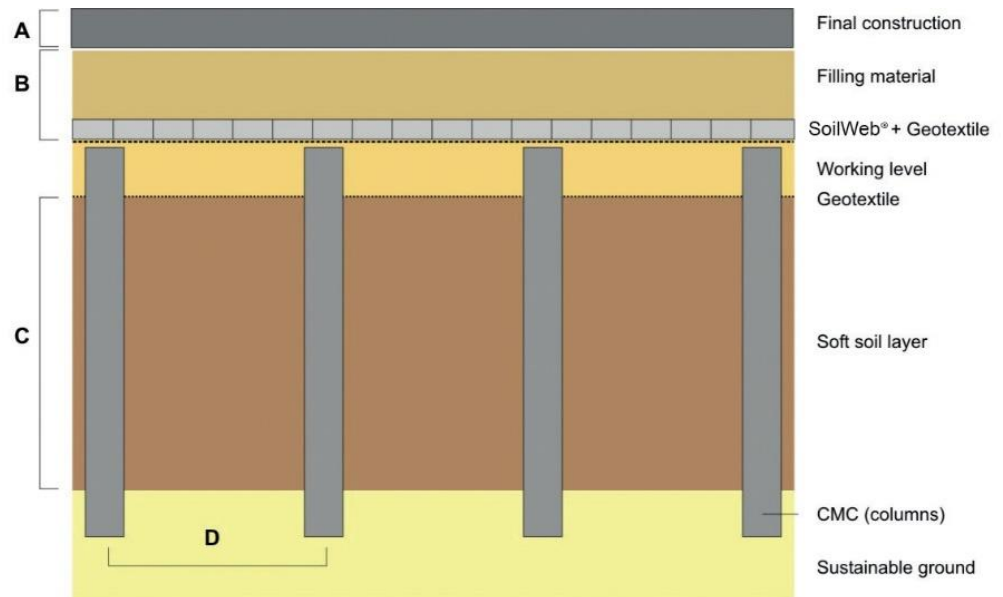


Project:

Distributor: _____

Project Name (location): _____

 Estimated SoilWeb® area (L x W): _____ m x _____ m = _____ m²

 Tender: Yes ☐ No ☐ Projected Bid Date: _____ Construction startup: _____


SoilWeb® Load Transfer Platform (LTP)

Design engineer: _____

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 4019: Settlements are calculated on basis of soil failure (serviceability analysis)
- BR470 Working Platforms for Tracked Plant
- German Standard DIN 4017: proof of sufficient safety against shear failure (limited state analysis)

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.

Requirements (SoilWeb® stabilized construction)
 E_{v2} - value on top of the construction (MN/ m²) _____

Minimum CBR-value on top of the construction (%) _____

Maximum allowable deformation (mm) _____

Load parameter (according to DIN 1072)

_____ Truck _____ tons

 Reference load of _____ kN/m²
Construction (A – D, according to drawing page 1)
A) final construction (description):

Height (m):	Module of stiffness E_s (kN/ m ²):

B) Load Transfer Platform including SoilWeb®

Height (m):		
Filling material:		
Angle of internal friction [°]	Specific weight [kN/m ²]	Module of stiffness E_s [kN/m ²]

Type of SoilWeb® (if known):

Filling material:		
Angle of internal friction [°]	Specific weight [kN/m ²]	Module of stiffness E_s [kN/m ²]

 Alternative/ Conventional way of construction (without SoilWeb®):
 (Please provide a sketch or cross section!)

--

Working platform: sand + geotextile

Sand		
Angle of internal friction [°]	Specific weight [kN/m ²]	Module of stiffness E_s [kN/m ²]

Geotextile (description):

Tensile strength (kn/ m):	Mass weight (g/ m ²):

C) Subgrade/ Soft soil (if more than one layer please give values for each layer)

Layer 1 (soil description):			Heigh:
Module of stiffness [MN/m ²]	Angle of internal friction [°]	Cohesion [kN/m ²]	Specific weight [kN/m ³]

Layer 2 (soil description):			Heigh:
Module of stiffness [MN/m ²]	Angle of internal friction [°]	Cohesion [kN/m ²]	Specific weight [kN/m ³]

Layer 3 (soil description):			Heigh:
Module of stiffness [MN/m ²]	Angle of internal friction [°]	Cohesion [kN/m ²]	Specific weight [kN/m ³]

Layer 4 (soil description):			Heigh:
Module of stiffness [MN/m ²]	Angle of internal friction [°]	Cohesion [kN/m ²]	Specific weight [kN/m ³]

Layer 5 (soil description):			Heigh:
Module of stiffness [MN/m ²]	Angle of internal friction [°]	Cohesion [kN/m ²]	Specific weight [kN/m ³]

Ground water table [m]: _____

D) Pile grid (_____ x _____ m): _____ **Pile length (m):** _____

 Pile type (diameter)/ procedure:

 Piling company (if known):

Logistics information

- ☐ Cost estimation
☐ Quotation
☐ Preliminary design/ Calculation

needed by (date): _____