Request For Project Evaluation (RFPE)

GEOWEB® Tree Root Protection (TRP)

Project

Distributor: Greenfix soil stabilisation and erosion control, Contact: James Gormley

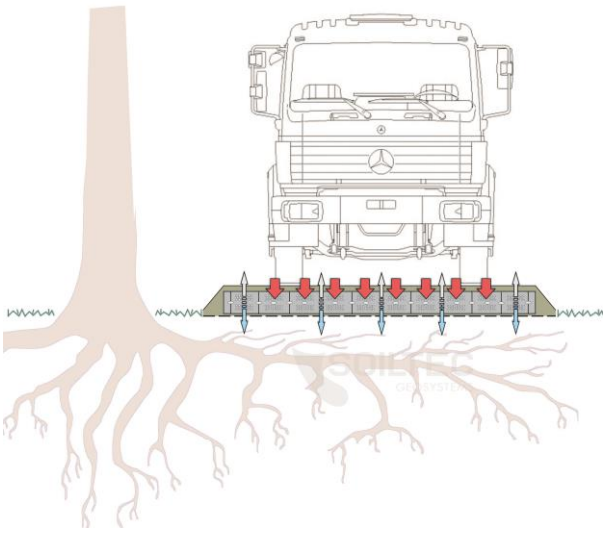
Date:

Client/ End user:

Specifier:

Planning authority:

Project title:



Location:

Tender stage ☐

Design stage ☐

Area (Length x Width)

_____m x _____m = _____m²

Please note

The accuracy of preliminary designs/ evaluations based on RFPEs 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. Final designs always should be based on proper soil investigations and detailed load parameters – final designs are engineering achievements!

Disclaimer/ Limitation of use

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The purpose of Evaluations/ Preliminary designs is to provide a potential use of Geoweb products and does not represent an actual design to be used for construction or any other purposes. A final design shall be prepared by a licensed professional engineer based on actual field conditions.

On behalf of PRESTO Geosystems
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Existing subgrade

Plate load test, EV2-value [MN/m²] _____

or California bearing ratio, CBR-Wert [%] _____

(If CBR or EV2-value are unknown a 2% assumed value will be used)

Module of stiffness [MN/m²] _____

Angle of internal friction [°] _____

Specific weight [kN/m³] _____

Ground water table [m] _____

Bulk density [g/ cm³] _____

Soil type of existing subgrade

Granular ☐ Cohesive ☐ Peat ☐

Traffic crossings

Crossings per day _____ x Design life _____ years = _____

Load parameter (according to DIN 1072)

☐ Truck 60 tons
(P = 100 kN; A = 0,12 m²; σ = 833 kN/m²)

☐ Truck 30 tons
(P = 50 kN; A = 0,08 m²; σ = 625 kN/m²)

☐ Truck 16 tons
(P = 50 kN; A = 0,08 m²; σ = 625 kN/m²)

☐ Truck 12 tons
(P = 40 kN; A = 0,06 m²; σ = 666 kN/m²)

☐ Van 9 tons
(P = 30 kN; A = 0,052 m²; σ = 577 kN/m²)

☐ Van 6 tons
(P = 20 kN; A = 0,04 m²; σ = 500 kN/m²)

☐ Van 3 tons
(P = 10 kN; A = 0,04 m²; σ = 250 kN/m²)

☐ Car
(P = 7 kN; A = 0,04 m²; σ = 175 kN/m²)

☐ Other _____

Max. axle load _____ kN

Contact area (tyre) _____ m²

Number of axles/ tyres _____

Tyre pressure _____ kN/m²

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Final surface

Blockpaving sand bedding	☐	Loose gravel	☐
Porous Tarmac	☐	Filterpave	☐
Resin bond with bindercourse	☐	Other	☐

Depth of surface: _____ mm

Logistics information

☐ Cost estimation

☐ Quotation

☐ Preliminary design/ Calculation needed by:

Additional information

Sketch/ Comments

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