EARTH RETENTION

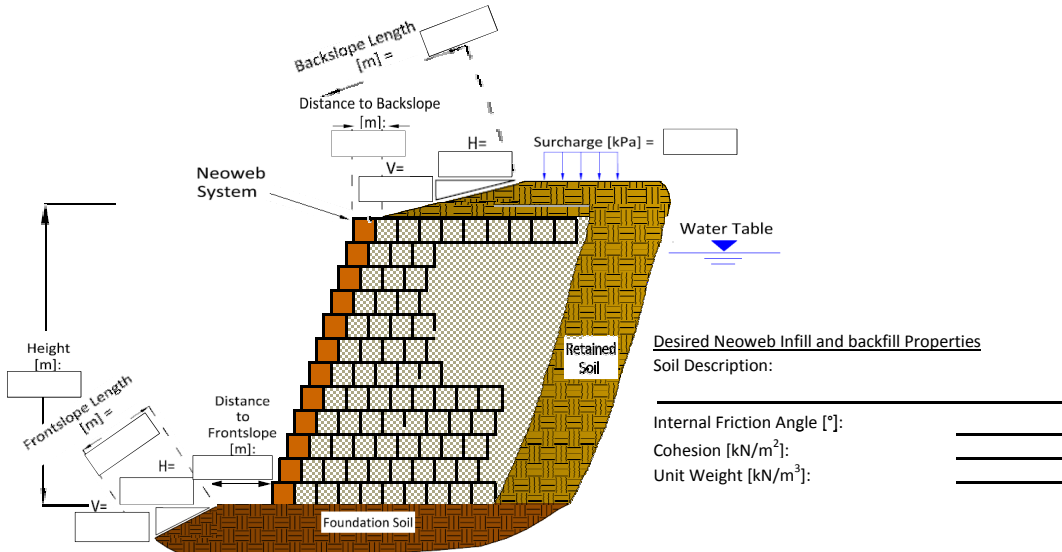# Neoweb® Earth Retention System
PRELIMINARY DESIGN DATA CHECKLIST

Project Name: _____

General

Wall Type: ☐ Reinforced   ☐ Gravity

Channel application? **no**

Project length [km]: _____

Facia: ☐ Vegetated   ☐ Gravel   ☐ Concrete

Wall Description Drawing

Backslope Length [m] =

Distance to Backslope [m]:

H=

V=

Surcharge [kPa] =

Neoweb System

Water Table

Height [m]:

Frontslope Length [m] =

Distance to Frontslope [m]:

H=

V=

Retained Soil

Foundation Soil

Desired Neoweb Infill and backfill Properties
Soil Description: _____

Internal Friction Angle [°]: _____
Cohesion [kN/m^2]: _____
Unit Weight [kN/m^3]: _____

Foundation Soil Properties

Soil Description: _____

Internal Friction Angle [°]: _____

Cohesion [kN/m^2]: _____

Unit Weight [kN/m^3]: _____

Retained Soil Properties

Soil Description: _____

Internal Friction Angle [°]: _____

Cohesion [kN/m^2]: _____

Unit Weight [kN/m^3]: _____

Site Conditions

Runoff: ☐ Surface   ☐ Extreme

Surface forces/loads: ☐ Ice action   ☐ Wave action   ☐ None

Max. water table height [m]: _____

Seismic action: ☐ None   ☐ Ground acceleration (g) [m/s^2]: _____

Additional Files Submitted

☐ Project general report (original)   ☐ Project summary (English)   ☐ General map

☐ Conventional design   ☐ Geotechnical report   ☐ Photos

☐ Layout of geometry plan

Filled out by: _____   Date: _____