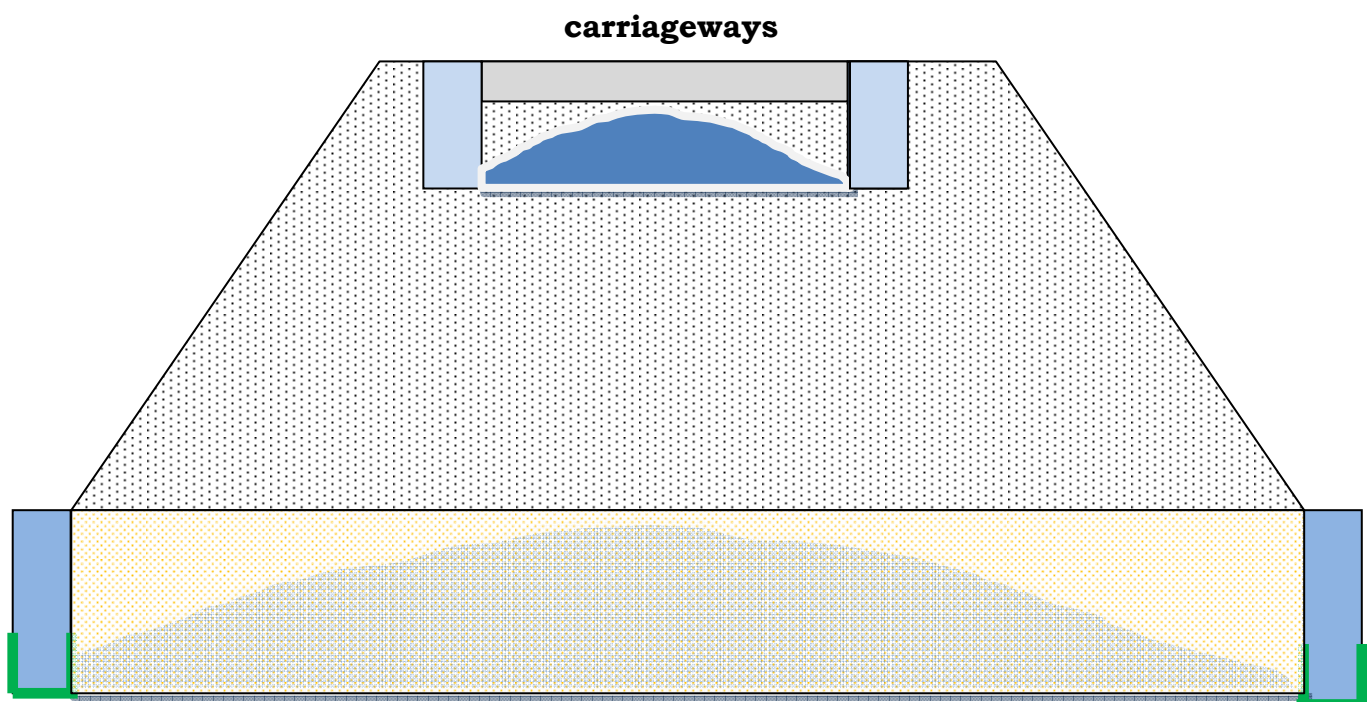




Road embankments

- 1) Drainage trenches at the side of the road
- 2) Draining trenches around embankments in saturated soils



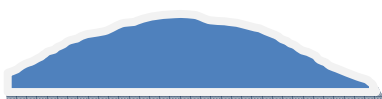
Legenda:



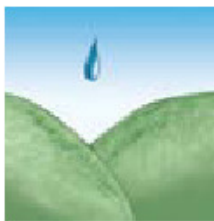
Surface drainage with DRENTER 500/IDROSAC 500 (2 x 0,5 x 0,3 m)-Vertical



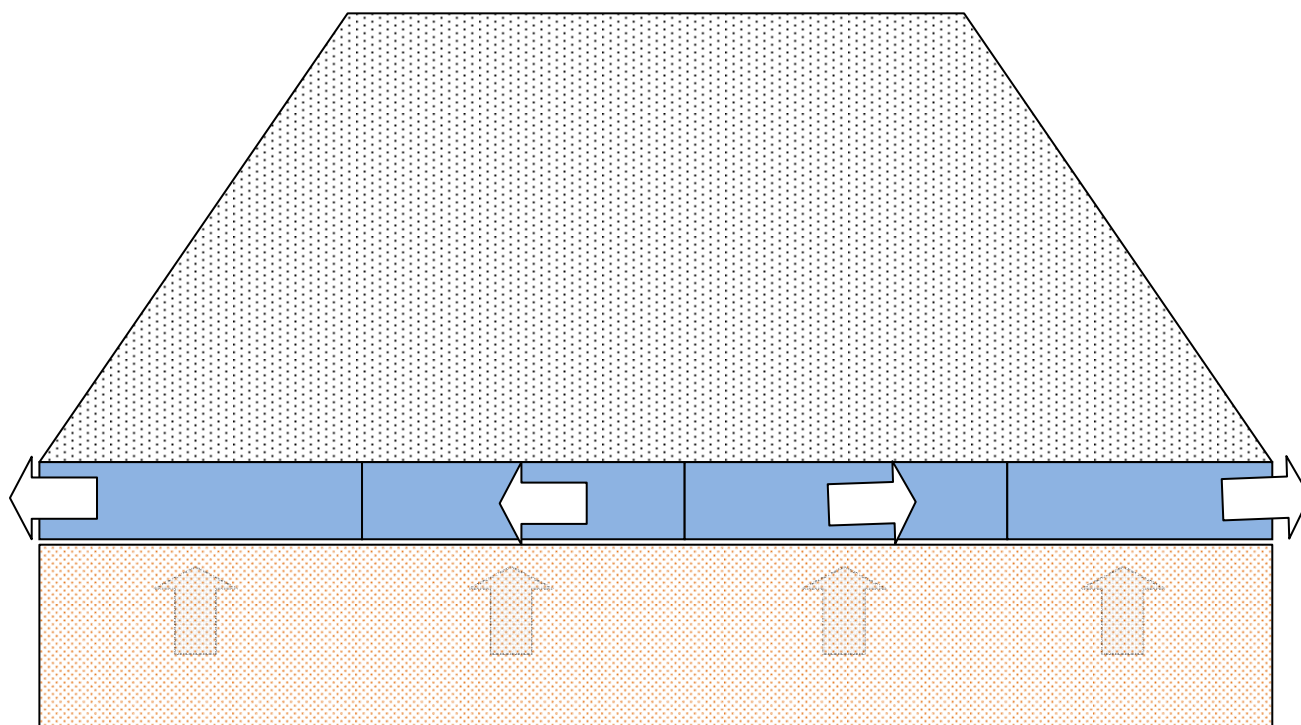
Deep drainage with DRENTER 1.000 (2 x 1 x 0,3 m)-Vertical



Groundwater level



1) Barrier to rising capillary fringe (sandy soils)



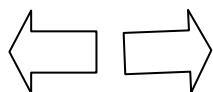
Legenda:



DRENTER 1.000 (2 x 1 x 0,3 m)-Horizontal



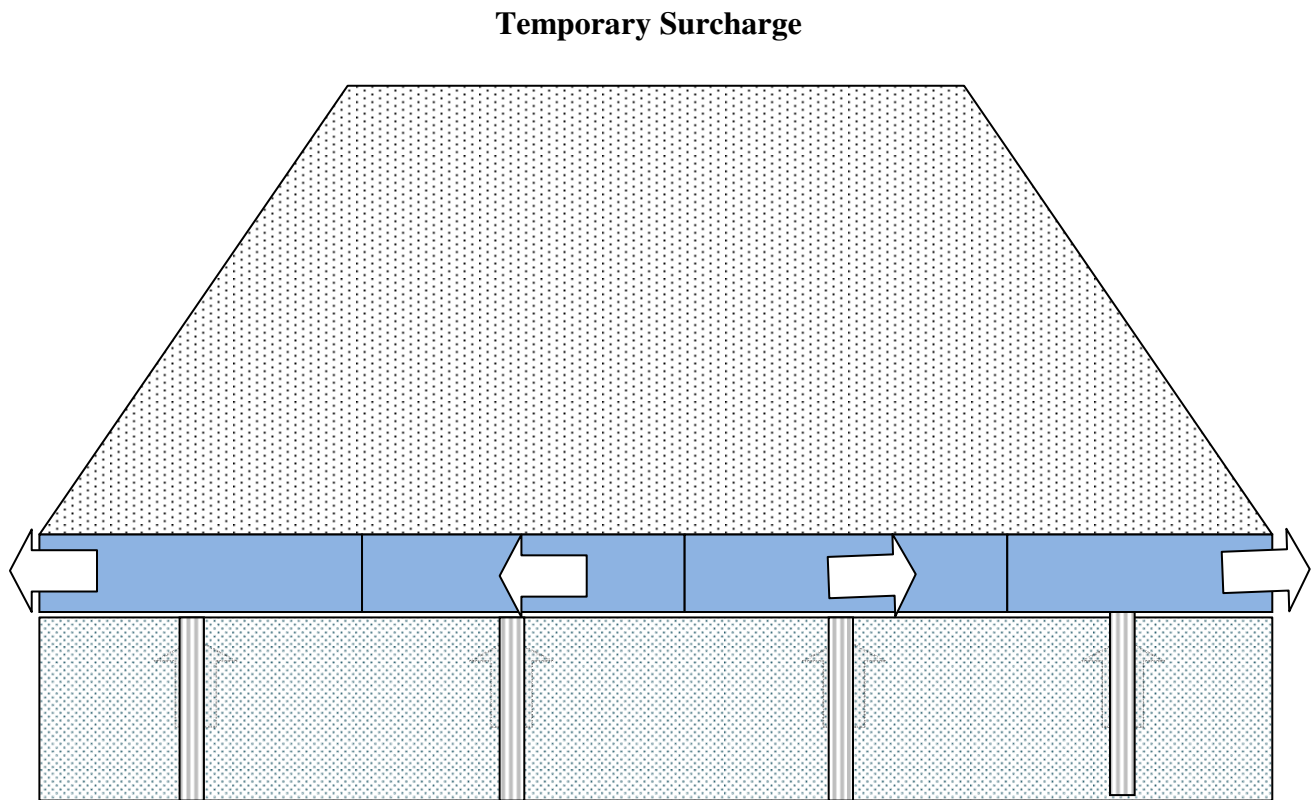
Rising capillary fringe



Ways of drained water



2) Layer of drainage for pre-consolidation of weak clayey soils



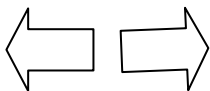
Legenda:



DRENOTER 1.000 (2 x 1 x 0,3 m)-Horizontal



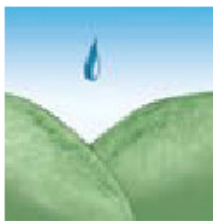
Capillary raise of water



Ways of drained water

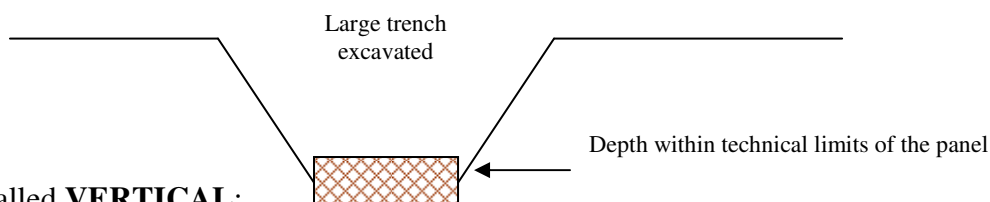


Vertical drain



SUGGESTIONS FOR EXCAVATION AND INSTALLATION OF THE DRAINING PANEL

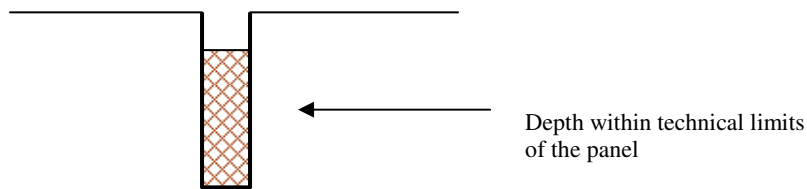
1) installed **HORIZONTAL**:



2) installed **VERTICAL**:

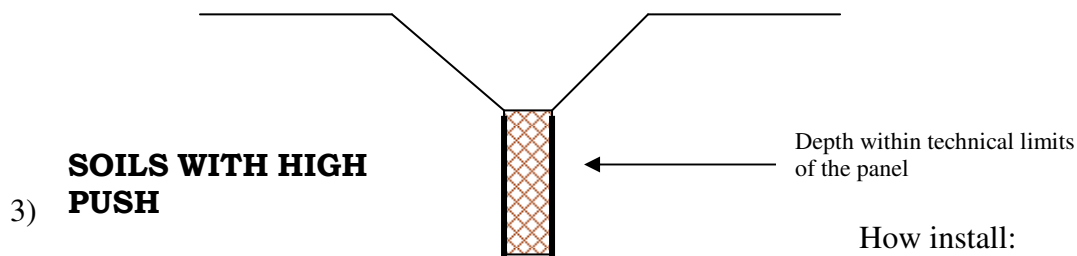
a) Narrow trench (0,4 – 0,5 m width):

**SOILS WITH LOW
PUSH**

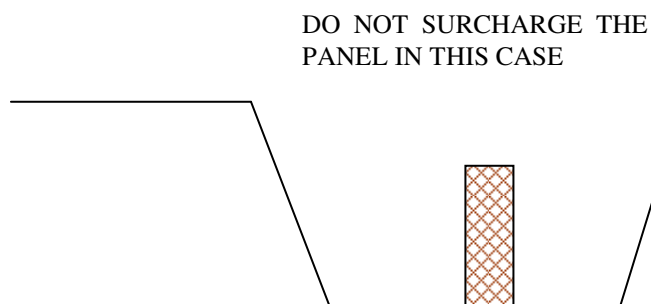


b) Trench wide in the upper part, then narrow at the bottom:

**SOILS WITH HIGH
PUSH**



How install:



- 1) Add soils at the sides of the panel (for the whole height of the panel);
- 2) Compact with crane the soil at the side of the panel
- 3) Then cover the panel with excavated soil