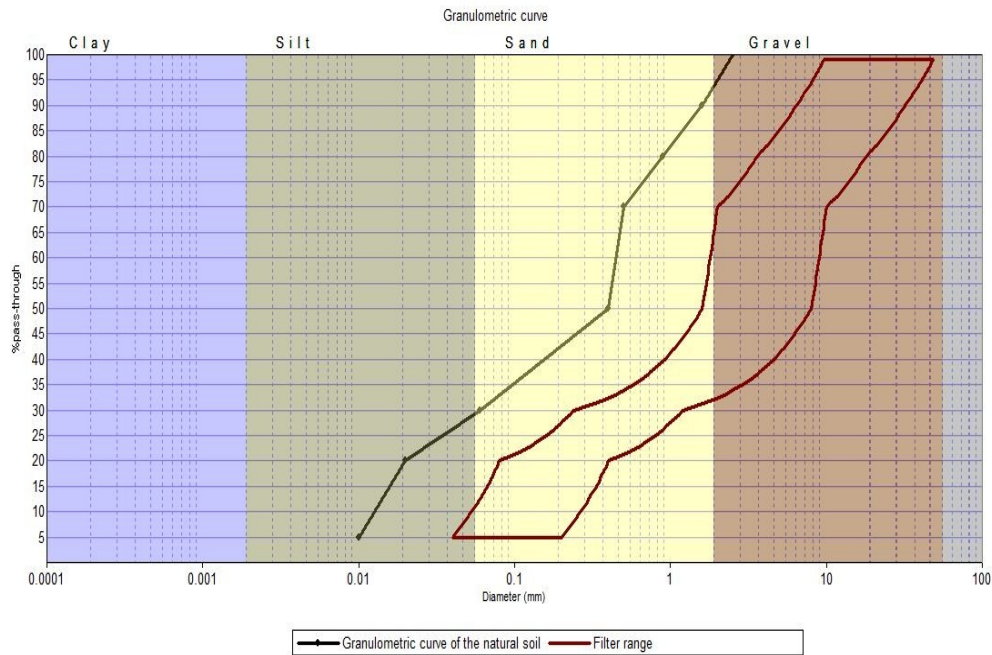


Dreni ver.4:

design of draining filters, vertical and horizontal drains and draining trenches
dimensionamento di di filtri drenanti, dreni verticali e orizzontali e di trincee drenanti



Design of draining soil filters – Dimensionamento di filtri drenanti:

Terzaghi method

USBR method

Vertical drains applied to soil consolidation problems- Dreni verticali applicati a problemi di consolidazione:

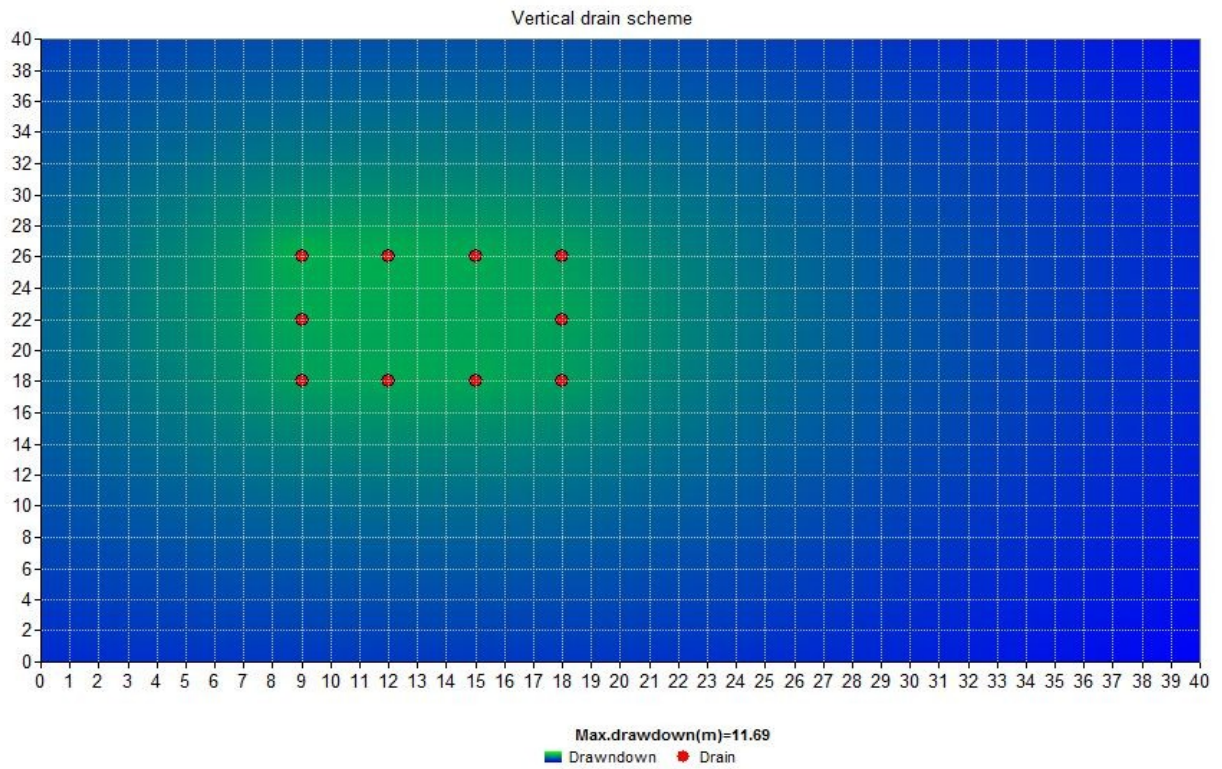
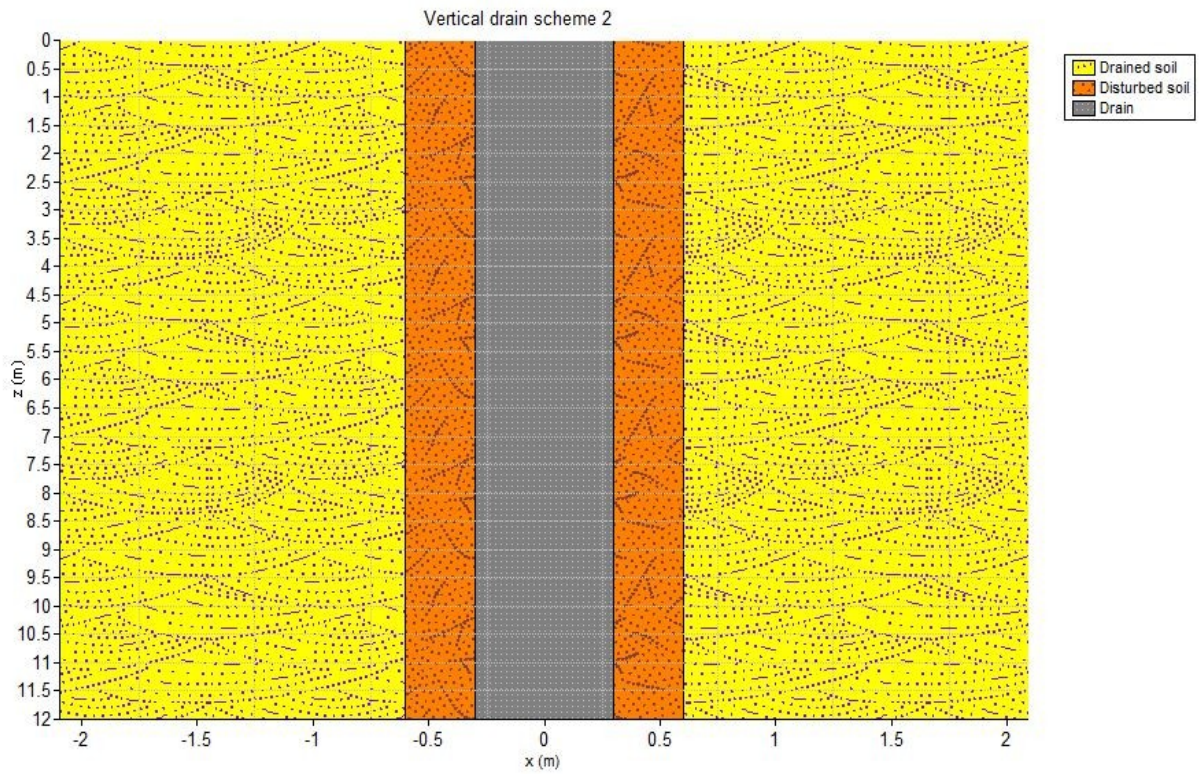
Barron formula, modified by Hansbo.

Vertical drains applied to the drawdown of the water table – Dreni verticali applicati a problemi di abbattimento della falda.

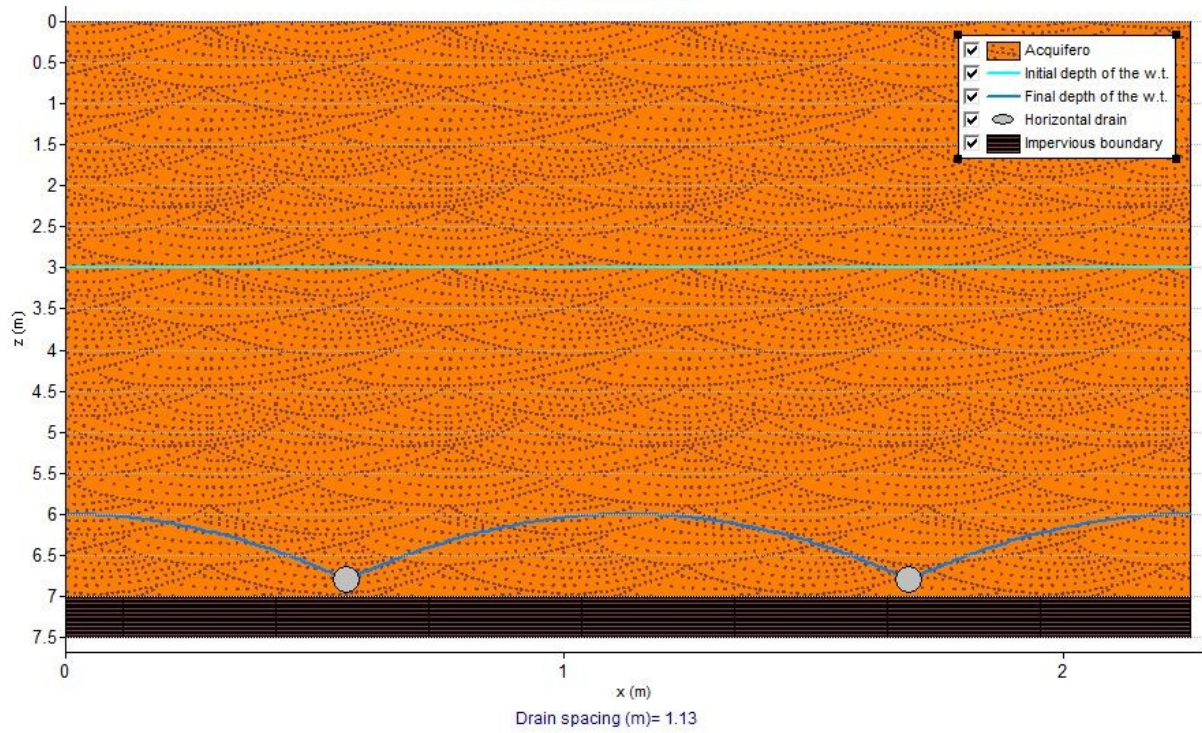
Horizontal drains applied to the drawdown of the water table – Dreni orizzontali applicati a problemi di abbattimento della falda:

Hooghoudt formula

Draining trenches applied to the drawdown of the water table – Trincee drenanti applicati al problema di abbattimento della falda.



Horizontal drain scheme



Draining trenches

