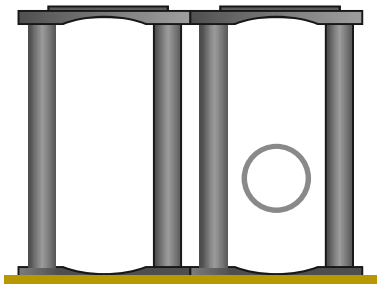
app

Appendix 1 Utilities

Integrating TreeParker and underground obstacles, such as utilities.
There are a number of different ways to integrate both new and/or existing utilities with the TreeParker system.
The layout of the TreeParker units can be adapted to the location of the utilities. See appendix 3. This way diagonal crossing utilities can be integrated too.
For more information regarding TreeParker and utilities contact TreeBuilders company.

Option 1
Running utilities through unit

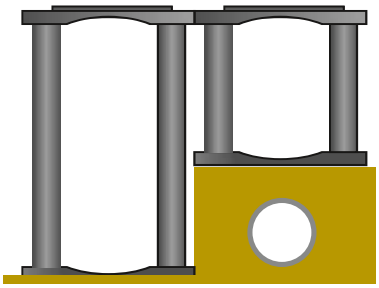


The most commonly used option is to run utilities through the TreeParker system. Due to the open design of the units, TreeParker can accommodate pipes, conduits, and other underground utilities up to 300 mm in diameter.



Make sure the utilities are not damaged. Damaged utilities must be repaired.

Option 2
Bridging utilities

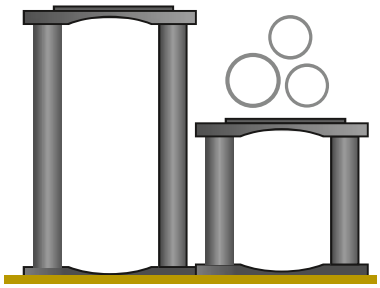


The most common used option for integrating underground obstacles. Due to the flexible height of the post, the TP unit can be adjusted in height on location.



Make sure the subsoil underneath all units is compacted according specifications.

Option 3
Tunneling utilities



The most commonused option if it is not permitted to integrate the utilities inside the TreeParker system. Due to the flexible height of the post, the TP unit can be adjusted in height on location.



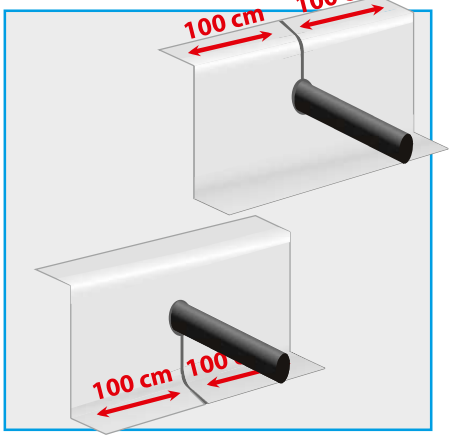
Preferable minimum 5 cm between top of the unit and utility.



Make a straight cut in the TP combigrid around the TreeParker system up to the height of the utility.



Use another piece of TP combigrid to make cover the cut. This cloth should overlap 1 m left and 1 m right of the utility





Use the TP combigrid to bridge the height in subbase material.



If the height difference is less than 20 cm you can use the standard TP geo-textile on top of the system.



Measure the needed height.



The TP posts can be cut with a hand tool or machine on top of the system.



The TP Post must be cut in a straight angle of 90 degrees. Height tolerance between the 4 TP posts per unit is 1 mm.