

ENGINEERED SAND FIELD SYSTEM



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The Original Green Company

ENGINEERED SAND FIELD PROFILE

Washed sod by Greenhorizons:
Topdress with specified root zone mix including GHG ProXstablishment System

Engineered rootzone material:
Sand and peat mix to specified requirements and minimum percolation rates

Pea gravel sized to "match" particle gradation of rootzone material

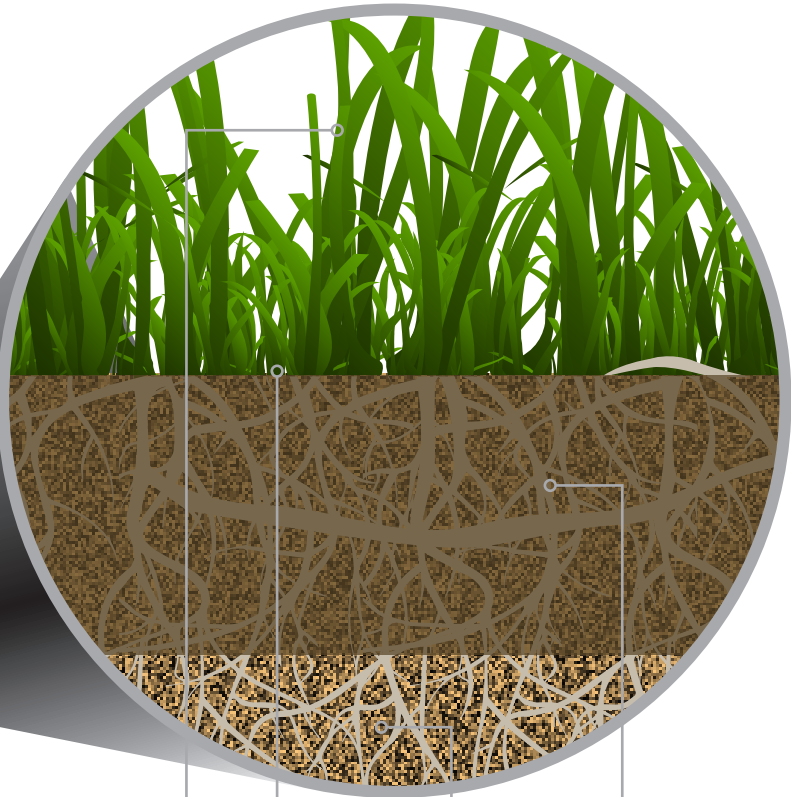
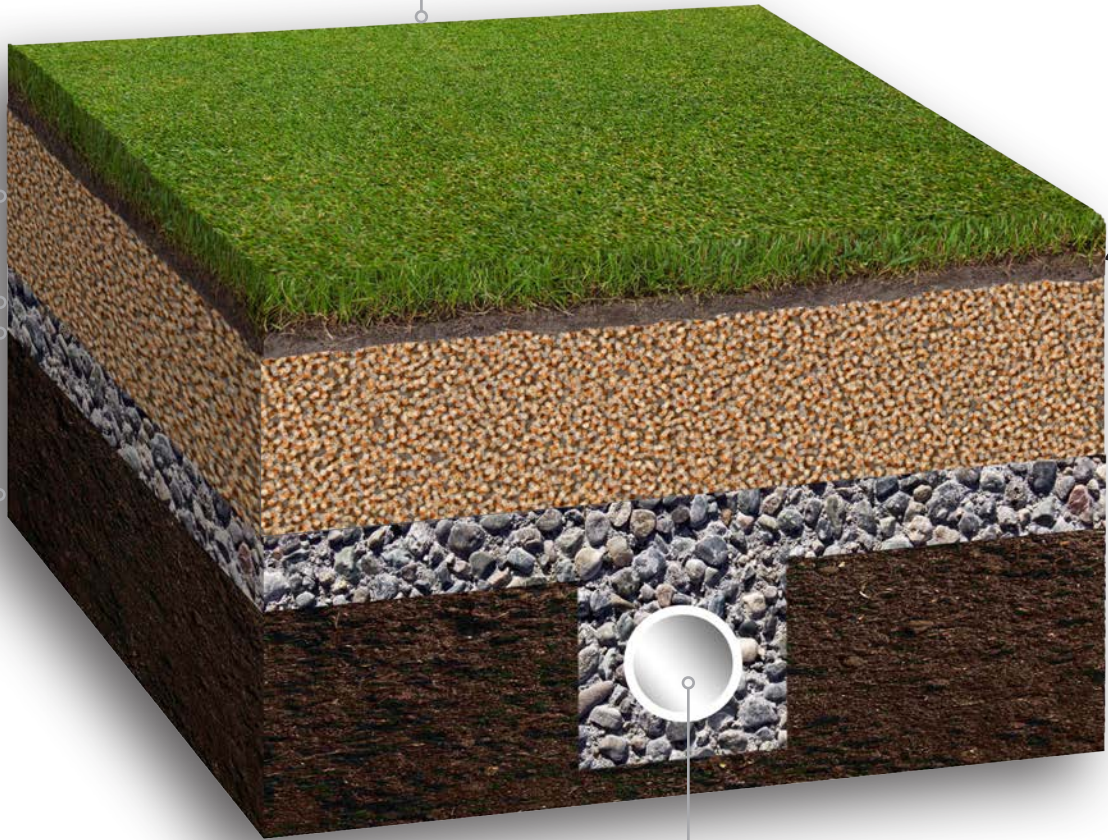
Synthetic non-woven geotextile

Native soil or fill material:
Compacted to minimum required standard proctor density

Lateral drainage line:
Perforated pipe @0.5% min. slope and located at 3.0m to 5.0m on-centre spacing



Healthy engineered sand turf profile



Leaf Crown Engineered Sand Roots

ADVANTAGES OF AN ENGINEERED SAND FIELD

- Is a surface that is firm under all weather conditions allowing maintenance and play possible regardless of heavy rain
- Creates a great agronomic environment for the healthy turf roots to grow
- Engineered sand creates the ideal water and nutrient retention system to sustain a healthy strand of turf
- Voids in sand prevent compaction allowing root depth to be consistent through high traffic applications such as goal mounts, race tracks and walk "on-off" areas
- Creates the maximum percolation rates ensuring the water source will be deep down instead of at the surface
- Allow water to "percolate" up through the root zone profile
- Pore space in the engineered sand allows for the perfect combination of water and air!

