



ECO-MESH



DMW
Drainage Mesh Well



DMP - Drainage Mesh Pipe

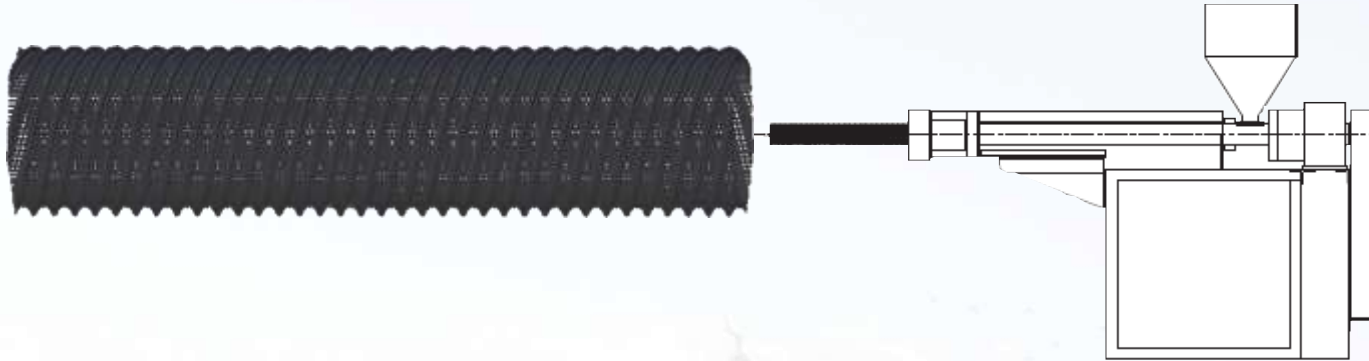


ECO MESH PIPE
Keep Earth Green



DMP - Drainage Mesh Pipe- Manufacturing

DMP - Drainage Mesh Pipe is Made of Extruded Plastic



Shape of ECO Mesh drainage Pipe



NSO
Full permeable



NSD
2/3 permeable



NSH
1/2 permeable

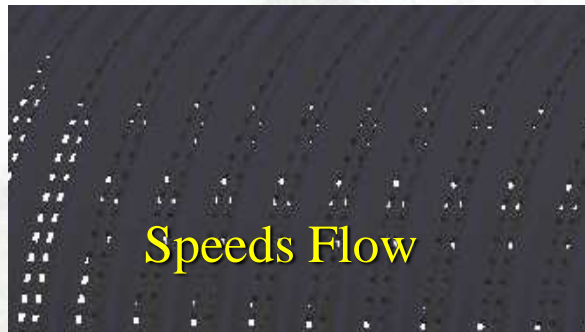


DMP - Drainage Mesh Pipe - Features

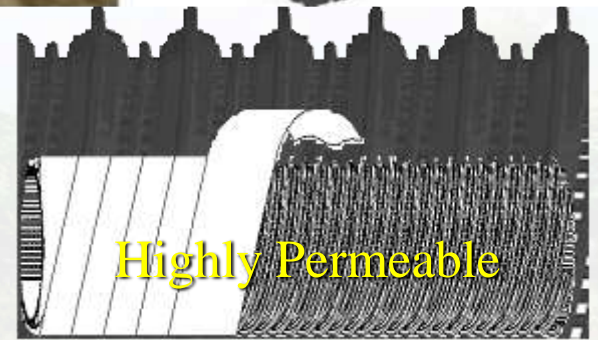
- Removes excess water and lowers the water table.
- Improves the quality, firmness and durability of the turf, especially for field games during seasonal wet conditions.
- Quick drying of the soil extends possible playing time.
- Prevents erosion.
- Improves air movement in soils and longer growing seasons.
- Increases root development.
- Increases capillary moisture in dry weather.
- Improves drought resistance.
- Better soil structure.



Sustains Pressure



Speeds Flow



Highly Permeable



Light Weight



Standard Fittings

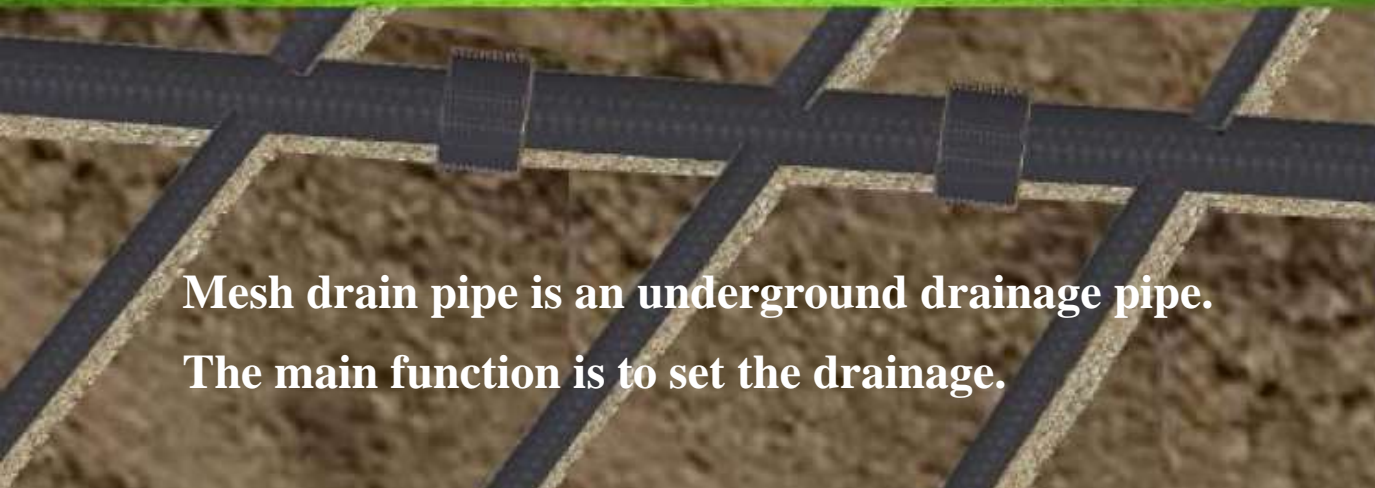
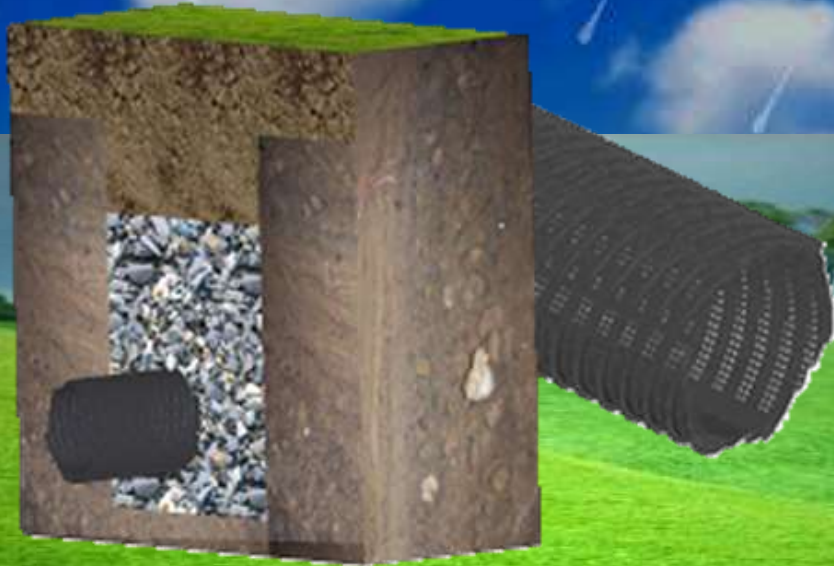


Easy Installation



DMP - Drainage Mesh Pipe

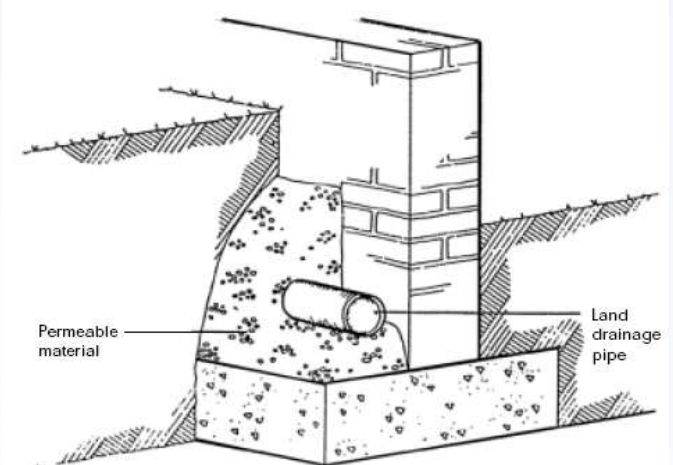
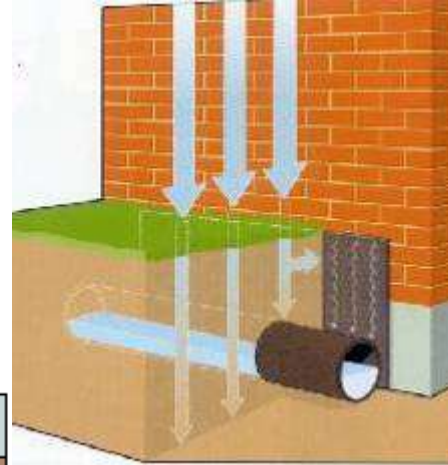
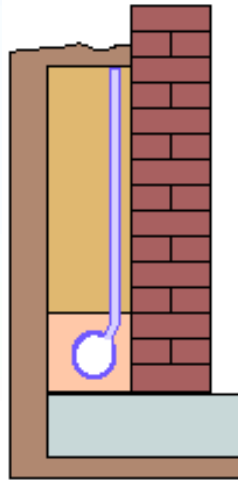
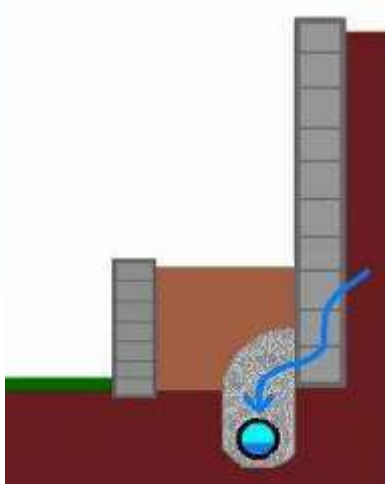
Subsoil Drainage



Mesh drain pipe is an underground drainage pipe.
The main function is to set the drainage.



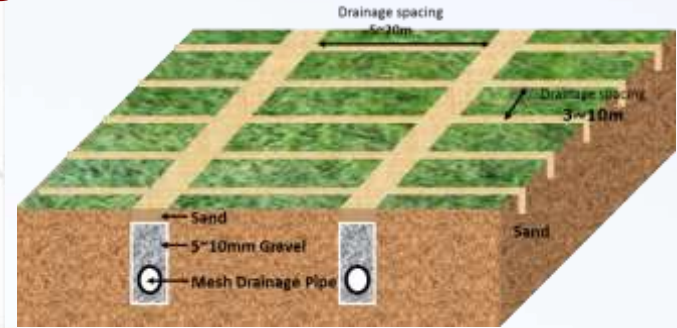
Retaining Wall Drainage



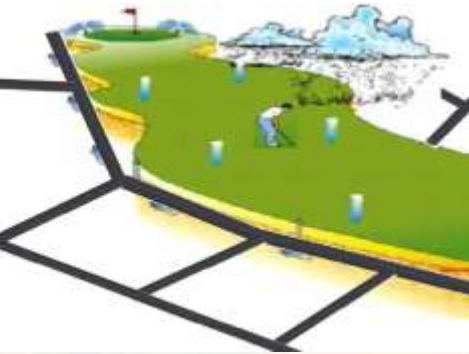
Road & Paved Area Drainage



Sport Field Drainage



Golf Course Drainage



Park & Open Area Drainage





DMP - Drainage Mesh Pipe - Applications



Taiwan Massive Landslide Buries 6-Lane Freeway 2010



Transverse Drainage



Parallel Drainage



Mesh Drain pipe - Deep slope a certain depth, the water saturation cited unearthed in lower water pressure, forming a huge retaining wall to prevent the slope displacement, landslides and debris flows.



Parallel drainage pipe (1/3 permeable type)



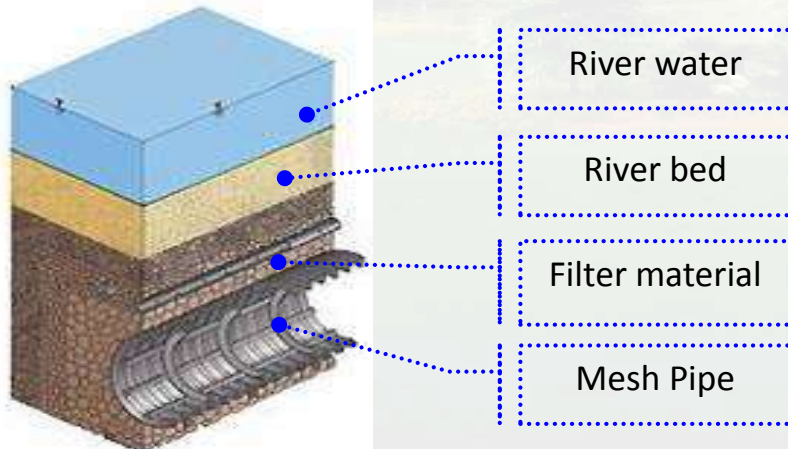


DMP - Drainage Mesh Pipe - Applications

Riverbank Filtration

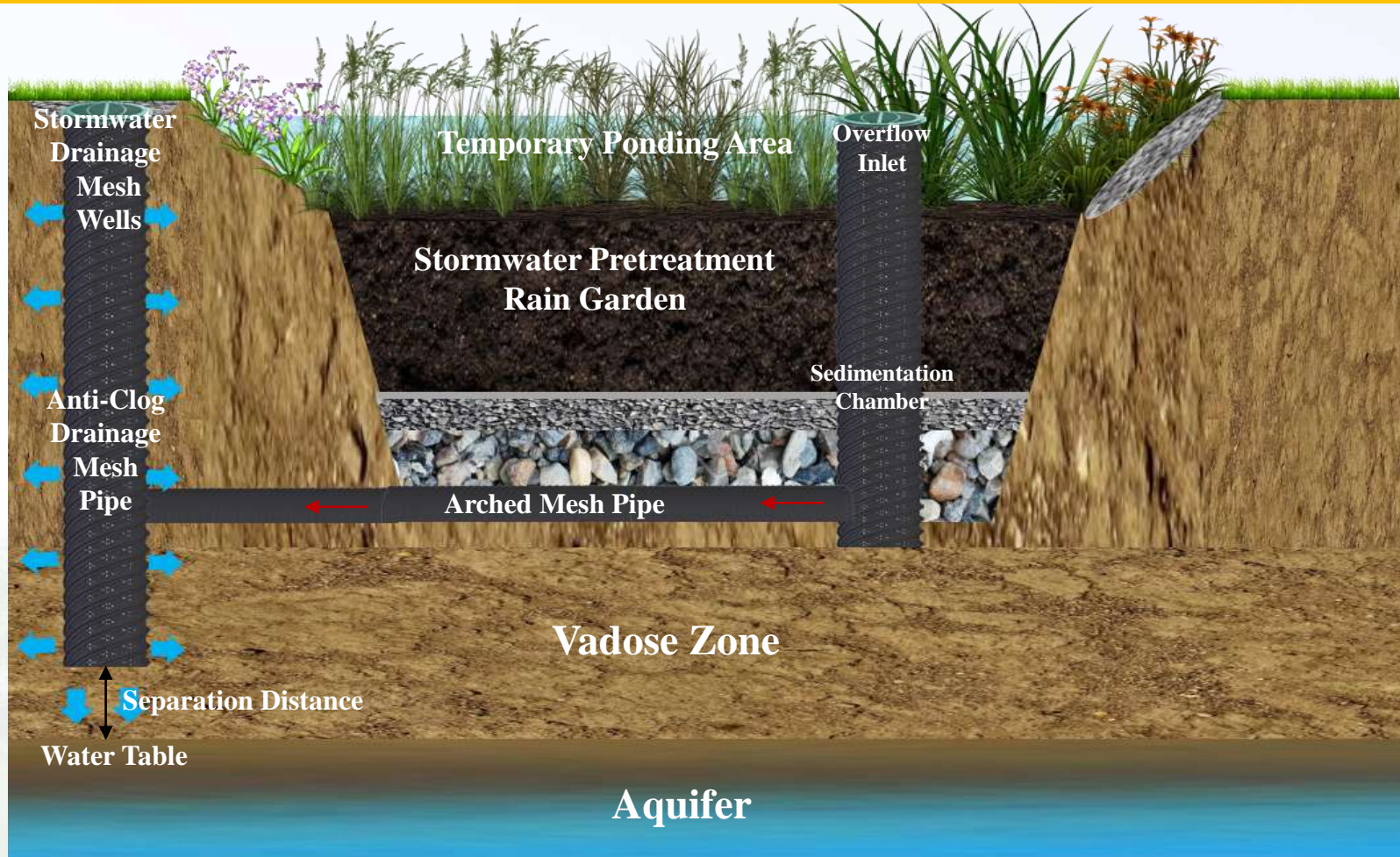
This technique, called riverbank filtration, has been used in Europe for more than 50 years to improve the taste and smell of drinking water and to remove some hazardous pollutants such as industrial solvents. Mesh pipe passing river water through nearby sediment can produce other health benefits and may cut water treatment costs.

Riverbank filtration operates by extracting water from wells located near rivers (~20 to 200 m away).



ASR-Aquifer Storage and Recovery

Stormwater Drainage Mesh Wells System-Structure



Stormwater Drainage Mesh Wells System-Structure

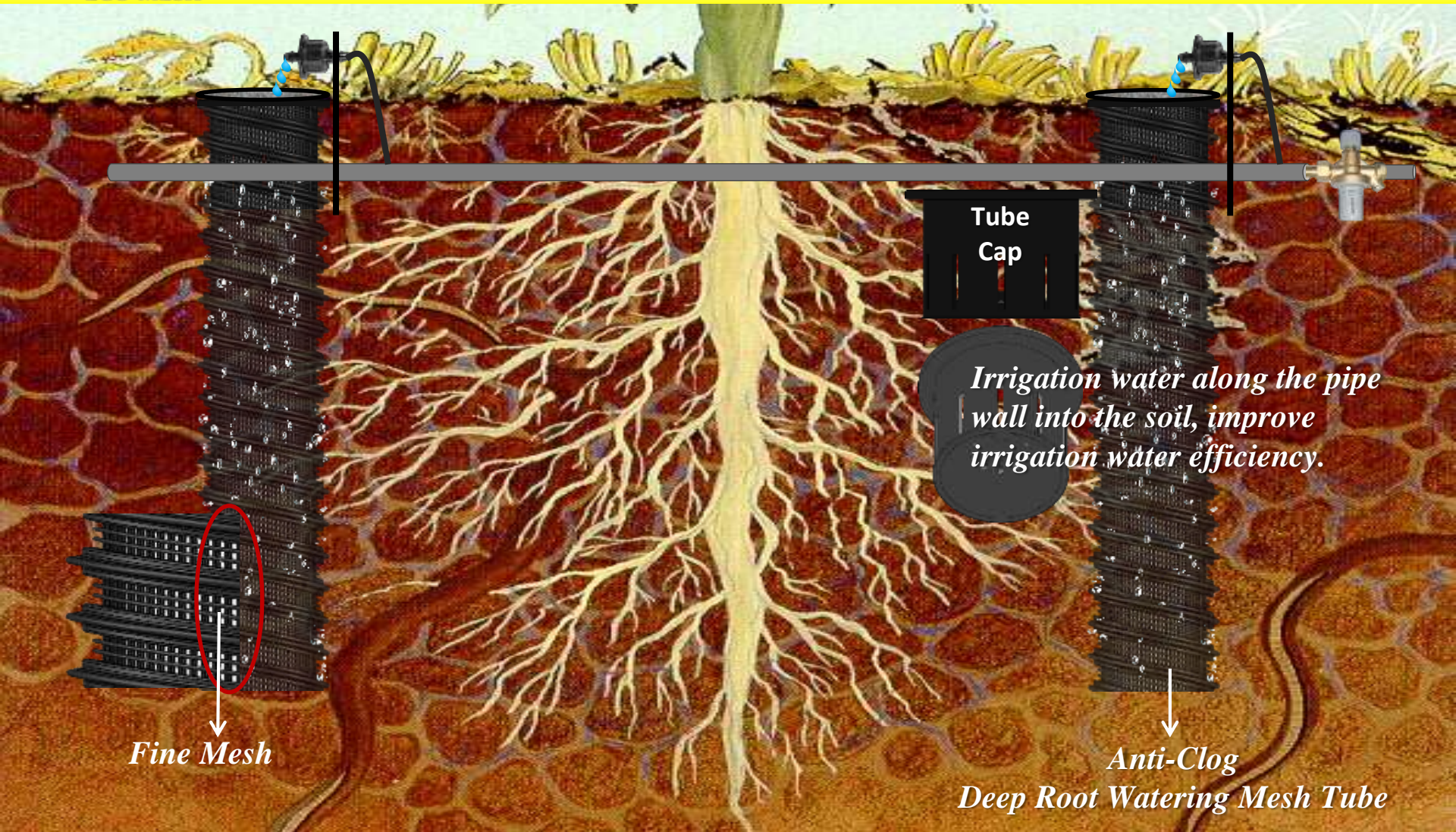
Contains:

- Stormwater Pretreatment filtration facilities: rain gardens, flood ponds, Curb opening and other filtration systems.
- Stormwater Drainage Mesh Wells (Anti-Clog Mesh pipe): Generally, the sand layer, rock layer and groundwater level information are obtained from geological drilling by 5~20m.
- Manhole Cover



Root Aeration & Deep Root Tree Watering Tubes

Anti-Clog Deep Root Watering Mesh Tube (DRWT)



DRWT - Deep Root Watering Mesh Tube enables vital water, oxygen, and nutrients to bypass compacted Soil and directly reach tree and shrub root zones to improve tree and shrub investment protection, Watering efficiency and landscape aesthetics through deep root growth and tree development.