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# What is PC Drainage?



THE LATEST INNOVATION  
IN SOIL DRAINAGE TECHNOLOGY

- PC (passive capillary) Drainage is a one inch diameter fiberglass element, fibers draw water through capillary action when water is perched above the element.



- A stainless mesh core carries drainage water away with high efficiency during the first several hours following heavy rain.

# PC Drainage

## An Impressive Range of Applications...



## Golf Courses





## Sports Fields



Parklands

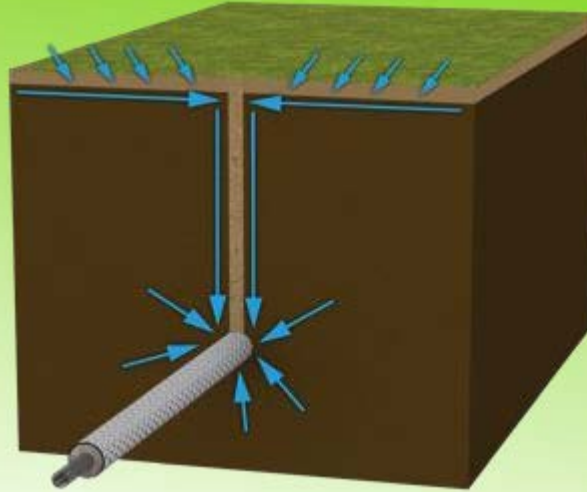




# Landscapes

# How PC Drainage Works?

- Passive Capillary or PC Drainage works in two ways.
- PC Drainage elements are placed at the bottom of a narrow sand curtain, which gives water trapped at the soil interface an exit.



- The unique element has an open stainless steel mesh core to remove large amounts of water quickly through gravity flow.
- The element is made of highly conductive fiberglass, in which the spaces between the fibers match the pore sizes of a medium sandy root zone.
- The result is a system that drains fast with passive gravity drainage and wicks away excess soil moisture with capillary suction throughout the day.



- Perched water is held at a slight suction, so it is unable to enter conventional drainage systems including greens with gravel layers. (similar to those shown below)





- PC Drainage is the only drainage system that can be installed at narrow three foot spacing for more efficient drainage.



# How Is PC Drainage Installed?





- Using the modified AFT SandBander unit.



- PC Drainage being installed on a golf course fairway (video).



# Key Points About PC Drainage!

- PC Drainage can act through capillary suction it does not need to be installed with regular fall, but can follow ground contours.
- By insuring there is a sufficient length of PC Drainage at the end of **each run, this acts as a “hanging water column” and can pull water** along the entire length of the installed PC element through syphonic action.
- The cost of a PC Drainage installation compares favorably with the competition.
- It excels in the speed of installation with minimal disruption caused during the install process.
- Golf clubs now have a viable solution to their drainage problems that does not require greens or holes being out of play for extended periods of time.
- PC Drainage can be installed on a 5,000 square foot green and can be back in play in less than 12 hours.

# PC Drainage At Work...





**“Ask any Golf Course Professional about drainage and the consensus is always, you can never have enough. PC drainage is another tool in the Professional's arsenal. It’s fast, effective and easy to install with play possible immediately after installation. It has turned some of our sour spots into sweet spots.”**

Greg Aljoe - Course Professional, Oviinbyrd Golf Club, Ontario

**Oviinbyrd**

**“The biggest advantage of PCD,” says Kennelly “is it’s very non-intrusive to the greens. For Clubs that have a large amount of play, disruption is an absolute minimum. Probably the most work was to dig up the 4 inch pipe to tie in the PCD.”**

Terry Kennelly - General Manager, The Concession Golf Club, Bradenton, Florida



## Here are just a few of our PCD Clients Around the World

Cabot Links, NS, Canada  
Essex Golf & CC, ON, Canada  
Oviinbyrd GC, ON, Canada  
Muskoka Lakes G & CC, ON, Canada  
Ball Horticulture, IL, USA  
North Shore CC, IL, USA  
The Concession Golf Club, FL, USA  
Davenport CC, IA, USA  
Midlothian CC, IL, USA  
Sage Valley GC, SC, USA  
Singapore Island CC, Singapore  
Laguna National GCC, Singapore  
Royal Johor Polo Club, Malaysia



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