



COLONY

Landscapes for working, living, and playing.



QwikDRAIN SYSTEMS

Revolutionizing
Sports Turf Drainage



QwikDRAIN™ for Sports Turf

WHEN PLAYABILITY AND SAFETY COUNT



FIRST STEP — SUBDRAIN INSTALLATION

THE ANSWER TO SUSTAINABILITY OF NATURAL TURF

The concept was developed over 20 years ago. Today this type of drain system is used throughout the world. Until recently, it was only installed by proprietary equipment and patented processes making the system somewhat limited in its use in the U.S. Today QwikDRAIN™ is helping make high performance turf drainage more cost effective by employing state-of-the-art technology that ensures the cleanest, most effective drainage system in the world.

Rapid field drainage is critical. Slow or inadequate drainage leads to cancelled games, poor playing conditions, and ultimately is the leading cause of athletic field failure. Today, the QwikDRAIN System is the most cost effective solution to the sustainability of Athletic Fields under the most demanding conditions at a fraction the cost of other Field Systems. The process of installation delivers long lasting system integrity you can specify with confidence. Installs in days, heals in weeks and lasts for years. Accept no substitutes.

SECOND STEP — SUBDRAIN BACKFILL



THIRD STEP — TOPDRAIN INSTALLATION

- Greatly enhances the wear tolerance of natural turf athletic fields
- Cost effective, high efficiency drainage made affordable
- Excellent option for reclaimed water facilities

QwikDRAIN™ for Golf

DELIVERING EFFICIENCY WITH STATE OF THE ART TECHNOLOGY

BENEFITS

- Promotes rapid surface drainage
- Improved safety
- Increased utilization of facilities
- Increased revenues
- Improved irrigation system efficiency
- Ability to leach salts
- Drier top layer that resists compaction
- Improved growing conditions
- Permits flatter playing surfaces
- Quick installation time
- Minimal surface disruption
- Resume play almost immediately
- New construction or retrofit



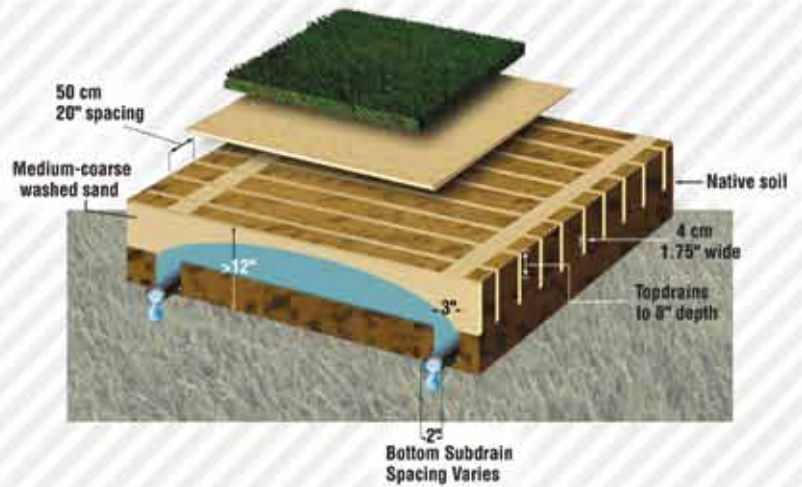
FAIRWAY APPLICATION



GENERAL DESCRIPTION OF THE QWIKDRAIN™ SYSTEM



CUTAWAY SECTION OF TOPDRAIN MATRIX



DRAINAGE SCHEMATIC SHOWING MATRIX

The QwikDRAIN™ System provides drainage so intense that surplus water bypasses the soil. The intense matrix of sand-filled trenches literally pulls water off the surface and moves it directly into the root zone where excess water is pulled through the sand slits into the piped subdrains and eventually into the storm drainage system.

QwikDRAIN™ SYSTEMS

QwikDRAIN™ is a trademark of GreenONE™ Industries

Certified Contractor:

Contact: Adam Bishop
E-mail: adam@colonylandscape.com
Office: 408.941.1090
Fax: 408.941.1094
P.O. Box 940
Alviso, CA 95002

SportsTurf
MANAGERS ASSOCIATION

- The QwikDRAIN™ System is a vertical bypass drainage system comprised of a matrix of closely spaced, interconnected narrow slot drainage trenches. Two types of drainage trenches are used in the matrix: subdrains and topdrains.
- Topdrains are trenches 1.75 inches wide by eight (8) inches deep on 20" centers, filled entirely with a medium-coarse washed sand.
- Subdrains are trenches 3 inches wide by >12 inches deep with 2" narrow slotted pipes at the bottom of the trench and filled with medium-coarse washed sand.
- The QwikDRAIN™ System consists of a matrix of topdrains on 20" centers crossed at approximately 60-90 degree angles to the subdrains at 15' centers (centers may vary depending on drainage requirements) terminating at the main collector (perimeter) drain. Spacing of the subdrains can be modified to accommodate any drainage requirement.
- All equipment utilized to install the system is equipped with turf-type flotation tires to minimize rutting and compaction of existing surfaces. All trenching equipment is capable of trenching and removing the spoils simultaneously to ensure minimal contamination of the drainage system.
- The QwikDRAIN™ System is installed only by pre-qualified contractors.