"But the problem at Sunningdale had become acute and we were asked to install drainage in conditions which were extremely challenging. Work was required on the 2nd and 14th holes of the Old Course that involved the installation of 365 linear metres of primary drainage with 100mm perforated mainlines and 650 metres of 80mm perforated lateral drainage at eight metre spacings. We excavated trenches at 600-700mm depth, laid the pipe and backfilled to within 150mm of the surface with 10-5mm gravel, and approved sand/soil mix rootzone."

"This was then followed with secondary drainage, consisting of narrow bands of gravel banding installed perpendicular to the primary drainage. The 280mm wide x 180mm depth bands of 6mm gravel are injected into the surface at 400mm centres. They make a position and know all the work and getting spread evenly around the course to spread the surface water lying between the lateral passageway."

In order to keep surface disruption to an absolute minimum, boards were deployed to replace the weight of each piece of equipment when in operation. Three machines were working side by side at any given time; the trencher, the dumper for spoil removal, and the gravel cart. Individual boards had to be laid, removed then re-positioned.

"Fonthills Golf Club and Resort in Surrey called in Speedcut to carry out drainage work on greens as part of continuing improvements to course conditions."

"A wet summer in 2009 brought drainage problems to a head on several badly-drainage greens," said Course Manager, David Wyborn.

"A more recent trend has been to trial and use grass species that have been specifically bred to withstand high wear pressures. Bent grasses, more recently Rhizomes and tall fescue all have very high wear tolerance capabilities. It is important to ensure that these species are compatible with the site they are intended as ground cover, and subsequent wear/compaction against other species often require higher levels of nutrient and irrigation."

"The majority of golfing traffic damage will be caused by trolleys, power trolleys and golf buggies. It is useful to have an agreed policy in place. This is where the Course Manager & Greenkeeping play an important role in ensuring that we are protecting the fairways and greens at the same time."

"There are many products on the market that have been designed to improve grass plants resistance to heavy wear. Turf reinforcement mesh and rubber-mattting, if properly installed, can provide compaction and erosion protection on areas such as path ends and steps, where traffic is at its most intense. Other innovative products include winter trolley wheels that are designed to limit damage by evenly distributing the load over a smaller surface contact area. It is important to always extensively trial any new products."

"These days, the expectation of the modern golfer and the culture of the game demands ‘year round’ golf without a tee using heavy bags laden with all the latest gadgets."

"The rainfall in 2009 between the beginning of October and the end of February was a record 18 inches," said David.

"Six of the fairways at Fonthills had suffered the previous winter and had to be closed for short periods, not only because of water not draining but because of slippery surfaces in some areas becoming a health and safety hazard."

"We decided to drain three fairways on the Longcross course and three on the Bernard Hunt course," explained David.

"The new improvements to the course vary between sand and heavy clay blue, but in general the soil is heavy and poor draining."

"The three greens that were sand-filled are on the Longcross course."

"They have always been prone to wetness but they now drain well," said David.

"Fonthills has superb surrounds and is very challenging from a greenkeeping point of view."

"To maintain the very high standards of drainage work is essential. But we fairways one, two and three on the Bernard Hunt course," said David.

"Work was required on the Longcross course and the Heavy Rain team."

"The soil conditions on the course are varied and are not particularly wet but we have problems on the Longcross course."

"Secondary drainage, consisting of narrow bands of gravel banding, were used. The result was that the winter trolley wheels that are designed to limit damage by evenly distributing the load over a smaller surface contact area. It is important to always extensively trial any new products."

"The key to the above is to ensure that there is always a healthy balance of the above and the psychology of a human being (this covers both the course and the public)."

"The key to the above is to ensure that there is always a healthy balance of the above and the psychology of a human being (this covers both the course and the public)."

"In order to keep surface disruption to an absolute minimum, boards were deployed to replace the weight of each piece of equipment when in operation. Three machines were working side by side at any given time; the trencher, the dumper for spoil removal, and the gravel cart. Individual boards had to be laid, removed then re-positioned."

"Fonthills Golf Club and Resort in Surrey called in Speedcut to carry out drainage work on greens as part of continuing improvements to course conditions."

"A wet summer in 2009 brought drainage problems to a head on several badly-drainage greens," said Course Manager, David Wyborn.

"A more recent trend has been to trial and use grass species that have been specifically bred to withstand high wear pressures. Bent grasses, more recently Rhizomes and tall fescue all have very high wear tolerance capabilities. It is important to ensure that these species are compatible with the site they are intended as ground cover, and subsequent wear/compaction against other species often require higher levels of nutrient and irrigation."

"The majority of golfing traffic damage will be caused by trolleys, power trolleys and golf buggies. It is useful to have an agreed policy in place. This is where the Course Manager & Greenkeeping play an important role in ensuring that we are protecting the fairways and greens at the same time."

"There are many products on the market that have been designed to improve grass plants resistance to heavy wear. Turf reinforcement mesh and rubber-mattting, if properly installed, can provide compaction and erosion protection on areas such as path ends and steps, where traffic is at its most intense. Other innovative products include winter trolley wheels that are designed to limit damage by evenly distributing the load over a smaller surface contact area. It is important to always extensively trial any new products."

"Course Design.

"The psychology of a human being (this covers both the course and the public)."

"The key to the above is to ensure that there is always a healthy balance of the above and the psychology of a human being (this covers both the course and the public)."

"The key to the above is to ensure that there is always a healthy balance of the above and the psychology of a human being (this covers both the course and the public)."