A Rich reward

Les Howkins admitted he was "shattered" as we chatted in his office at The Richmond Golf Club. Just 12 hours earlier, he had spent an eventful evening separating warring teenagers at a sixth form leaving bash held deep in the 105-acre grounds of the club – which is owned by The Crown.

"I was asked to do security and at one point these two girls were really going at each other" he recalled, "so I just picked one of them up, carried her away and plonked her outside to calm her down. She was kicking her legs as I lifted her out. Later one of her friends came up to me and said it was the funniest thing she'd seen all year."

It's no exaggeration to say Les lives and breathes this club – he lives on site - and this explains his sheer pride in their amazing recent achievement. They fought off worldwide competition from the likes of Oklahoma Golf & Country Club and Denver Golf Club to win the title of Renovation of the Year' from Golf Inc – a well-respected industry magazine based in California. A panel of judges hailed the work Les and his team completed in-house to overhaul the club's bunkers which had previously suffered from flooding and wash down issues. In fact they described it as an "extremely elegant solution to transform a course, showing in dramatic fashion how bunkering defines a course. For a club wanting to make a statement, but faced with limited funds, this is a great example to follow".

After considering proposals from several architects the club picked Thompson, Perrett & Lobb (TPL) to plan the work in 2009 – and it was TPL who suggested entering the competition. Les thought Richmond stood no chance as they were competing against huge clubs worldwide – some with budgets of well over $\pounds10$ million (Richmond had $\pounds125$ k), and five times the number of staff.

He said: "We had nothing to lose – it was free to enter - so we put a portfolio together with before and after shots, explained the process and the rest is history. I think the fact we'd done it all ourselves maybe gave us an edge, but I was gobsmacked when I was told we'd won. The work was worth it anyway, but to be given an award by industry leaders is the icing on the cake and made all the blood, sweat and tears worth it. Hopefully we'l get a certificate soon to hang in my office!" The Richmond Golf Club are celebrating after winning an international award after renovating 56 bunkers. Course Manager and part-time bouncer Les Howkins explained how they defeated American clubs with multi-million pound budgets with their £125k project



So how did they do it?

Les arrived at the club in April 2008 with an extensive woodland management project already underway – but his focus quickly turned to the problematic bunkers. His team had a novel way of highlighting the issues.

"On my first day there was one particular bunker which was full of water and we pumped it out. The following day it was full of water again so we pumped it out again. The third day it was full again.

"Of course, the other lads knew the water table was so high it would just fill up overnight, they just thought it would be funny to watch me flounder each morning. They made sure I realised the scale of the task.

"The wash down was particularly bad, which contaminated the sand, which in turn created muddy sand which just did not drain.

"We've got a team of ten here including one full-time mechanic, and were spending so much time on the bunkers, especially after wet weather, we had little time for anything else, although the rest of the course does drain very well as it's on a sand and gravel base. "

Les spoke to several architects and met four on the course, and TPL stood out due to the depth of their research and general work ethos. They looked through the club's archives to get a flavour of the course's history, watched members play to gauge the standard of golf and produced an outstanding plan with their design ideas – some of which were radical.

"I took their plans to the committee and there was uproar immediately over plans to get rid of a bunker on the third fairway.

"It was a good shot for bad golfers so it was punishing the wrong standard of golfer but they replied 'that's part of the challenge' and they didn't want that challenge removing.

"I had to be fairly forceful and tell them this work was absolutely necessary, and promise results. Our aim was to place the bunkers strategically, giving the longer hitters a tougher challenge while giving the higher handicappers an easier route to the greens.

To an extent I hung my career on this project succeeding because I'd only been here a year when we started the pilot."

The team used the 11th hole as the pilot in 2009, putting drainage in, experimenting with different liners and different types of sand. They chose buckbricks sand as it compacts down well, so provides a firm footing and is also free draining.

"The pilot was a success so we were all set. I had a fair bit of drain-





PROFILE

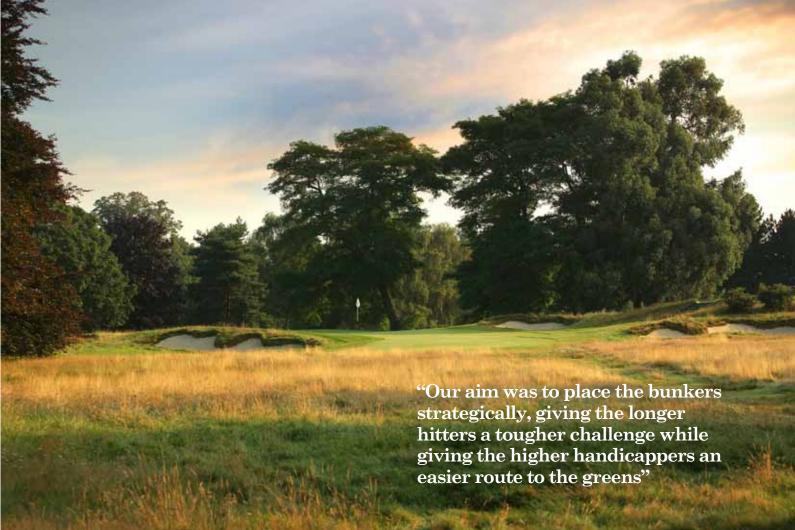
Name: Les Howkins MG Position: Course Manager Born: Leicester, 18 May 1973 Handicap: 6 Hobbies: Golf, spending time with wife and two young daughters Favourite Sports Team: Leicester Tigers age and digging experience and the now Deputy Course Manager Dan Norsworthy is a fully qualified digger driver, so we knew we had a great team to do it.

"When we started the work Jaey Goodchild was the Deputy and he was hugely involved in it too – it was a tremendous team effort. Of course, there was an element of learning for us all along the way and TPL supported us with the final grading and shaping of the bunkers.

"The company we used for the original bunker liners went under, so we then approached Blinder BunkerwhoIwashugelyimpressed with. We also used Steelwrist who manufacture tilt rotating buckets on diggers.

"We bought our own digger and a Steelwrist bucket, it's phenomenal and pretty unique.

It ended up being an absolutely essential piece of kit for the work we needed to do, enabling you to do the work much more quickly and



Bunker -Alomst blind from the tee, too far from the green and has poor form Bunker -Blind from the tee, too far from the green and has poor form

Ridge -Nice natural feature that could be better utilised Bunkers -Re-form existing bunker and construct 1 new bunker Grass -

Grass -Allow Elephant grass to grow out Bunker -Re-form and raise existing bunker

Ridge -Construct a new bunker in the existing ridge

Tee -Long tee box offers good variety

TPL PLAN: KEY FINDINGS

- Many of the fairway bunkers were out of position punishing the average golfer and most of the greenside bunkers were too far from the green to pose a serious threat to the better golfer.

- Many of the bunkers left the golfer with downhill lies resulting in thin or ribbed shots.

- Many of the bunkers were at the bottom of hollows and only just above the water table, causing them to gather large amounts of water an drain very slowly.

- Most of the bunkers were barely visible to the golfer, and those that were visible were not very visually appealing.





efficiently. We also used Speedcut who installed around 4,000 linear metres of drainage across the course that we could then tap into for the bunkers. We sourced the turf from Inturf, which was flawless."

Phase one of the work began in October 2010 and was completed in January 2011, with a similar timescale for phase two a year later. Except for occasional closures on the par threes as the team worked near the aprons, disruption to play was minimal.

With each phase they allowed



three months for the bunkers to grow in before opening them.

Some holes were radically changed with bunkers moved or removed, greens widened or shortened and mounds introduced to add to the playability factor. Others were tweaked more aesthetically with hollows strengthened and tees relocated slightly

Les, who began his career at 15 with a work experience stint at Kibworth Golf Club and worked at Cleethorpes Golf Club prior to his move south, said:

"I did have to give some of the older members bunker lessons because they couldn't get out of them at the start.

"They just needed to hit the ball a bit harder, and once they got used to them they loved them.

"I'm really proud of what we've achieved here. All the team are happy with the results, and the committee, members and visitors have been 99% positive too.

Golf should be a game where the player has to think before every shot and that's what I believe we've reinforced with these changes."

Congratulations to all the team at Richmond - the final word goes to architect Tim Lobb.

He said: "I've been in the business for close to 20 years and this is the best in-house result I've ever seen, it's stunning."

Before the renovation

After heavy rain almost all of the bunkers on the course had severe wash down on the faces. So all the bunkers were edged, banks flymoed and all the sand pushed back up the face and the bunkers given a full rake.



The contamination of the sand is not only aesthetically displeasing, it effects the playing qualities of the sand by creating a compacting, muddy sand that does not drain. The new bunkers without the wash down have no such problems and the bunker liner creates a permanent barrier between soil and sand.

