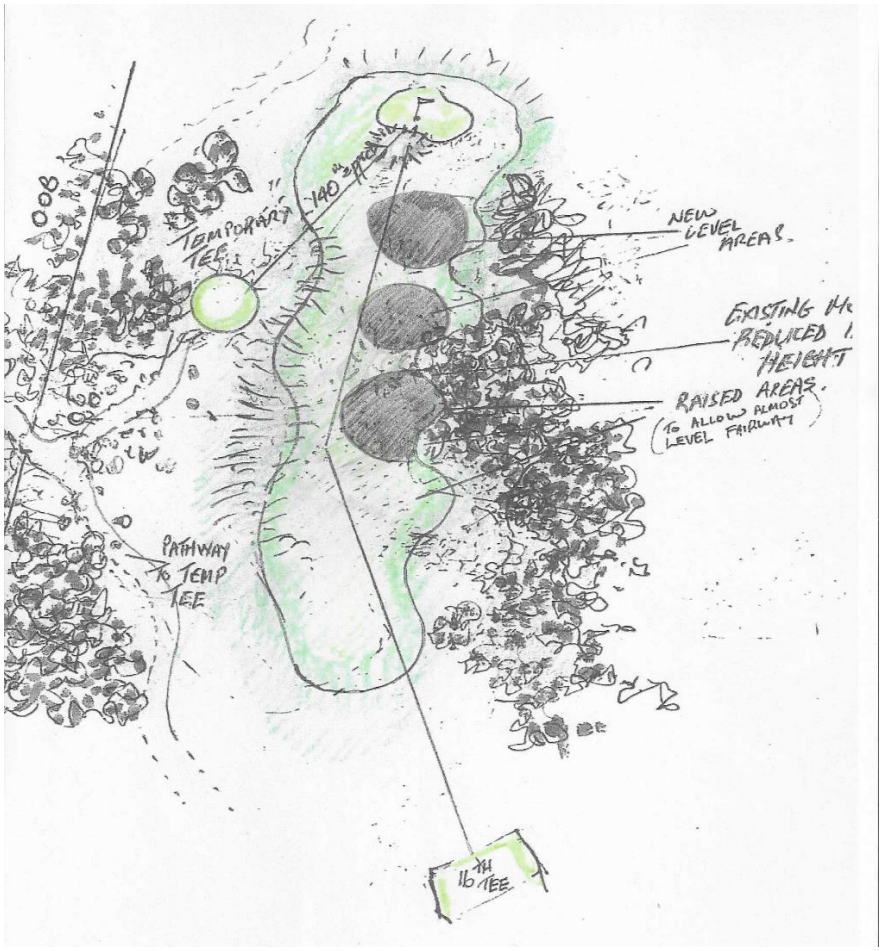
1. Issue

Golf members are no doubt aware of the persistent problems experienced over the years with the quality and presentation of the fairway on the 16th hole. The severe slope, especially from left to right, not only prevents effective watering and thereby restricting desirable grass growth, but generally detracts from the playability of the hole. Most drives hit down the middle of the fairway finish in the rough where the resultant lies can be awkward. Similarly, many good second shots can run into difficult rough or often into the right-side trees. Even if perfect grass cover could be achieved, it would be most unlikely due to the severity of the slope, that a ball would hold the defined fairway.

2. Resolution

The most obvious solution to the problem would be a major reshaping of the fairway to provide flatter landing areas along the hole for drives and second shots for both the long and "not so long" hitters. Substantial earth works would be required to move some soil from the left side of the fairway as well as introducing additional fill to raise the right side. The aim would be to create a number of relatively level areas at certain locations along the hole as indicated on the accompanying plan. Although the areas to be developed have been roughly identified on the plan, the exact location of the flatter zones and the nature of the actual reshaped fairway, will largely depend on the particular issues and practicalities associated with the actual excavation work as experienced on site.



3. Advantages

To pursue renovation of the nature outlined would provide a number of positives for the hole and the course overall. Although this work would result in a departure from the original and valued “Thompson/Wolveridge” design, it would significantly improve what is commonly regarded as the “weakest” hole on the course. It would allow other subtle changes to the playability of the hole such as more strategically located mounding and fairway shaping. In addition, apart from improving and the quality of the grass and providing better rewards good shot making, maintenance on the hole would be easier and less time consuming. Redirecting the fairway away from the bank of trees on the left should lessen the need to regularly clear sticks and other debris from under the trees and further reduce maintenance work for staff and volunteers.

4. Opportunity

The proposal to carry out modifications to the 16th at this stage is motivated by the fact that substantial work will be undertaken on the hole with implementation of the upgrade to the irrigation system. To renovate the hole in conjunction with work on the irrigation system would result in considerable cost savings compared to completing that work at a later time given that the upgraded system would require further and probably substantial modification.

5. Project

1. Rotary hoe the entire outlined area. Strip and stockpile the topsoil.
   - This would be completed in house.
   - Shape the area using a preferred contractor with a large bulldozer, excavator, and dump truck.

2. Add the topsoil over the top of the shaped area.
   - *This work would be completed using a contractor.*
   - *Volunteers and staff would assist with our bobcat and tractor trailers.*

3. Install the new irrigation as part of our irrigation system upgrade.
   - *To be installed by Waterland.*

4. Adding grass to the fairway and immediate rough.
   - *This would be completed in house with the possibility of hiring a machine to assist.*

When earth works commence the plan would be to have a temporary tee, approximately 100m from the 16th green, the hole would be played as a short par 3.

Desired grass coverage would be attained over the spring/summer months. Given the location of the fairway and the severity of the project the fairway and surrounding area may be out of play for up to 3 months and take 12 months before full grass coverage is achieved.

6. Estimated Costs

The following costings are based on preliminary research and initial consultations. The earth works are based on the quote provided from McMahons

- Rotary hoe hire $500
- Earth works $30,000.
- Tree removal and stump grinding $5,300.
- Grass establishment $2,000-5,000

Final costs will depend on the approach adopted, including the selection of grass variety and the method chosen to apply the grass to the area concerned. Sprigging of the fairway with kikuyu or couch would be the most cost effective option. This would take months to gain full coverage. If done “in house” we would need to hire a spreader which would constitute part of costs, as would fertiliser and wetting agents to help the grass establish.