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The Statistics and Economics of Sustainable Golf Course Design

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The Statistics and Economics of Sustainable Golf Course Design

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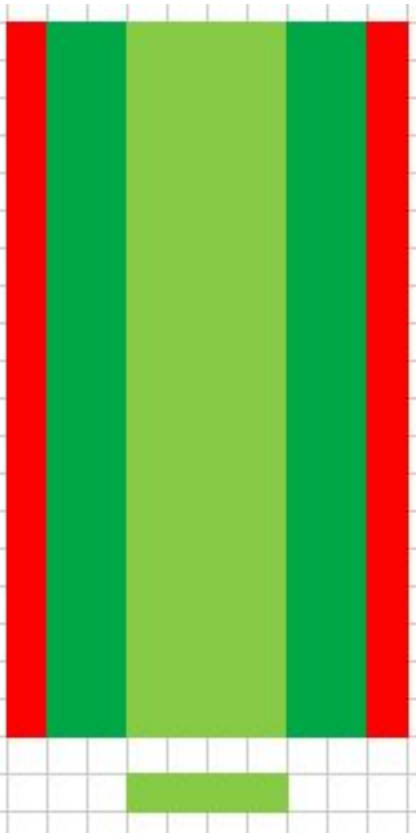
Don’t make golf courses longer. Make golf courses narrower instead.

Original Setup

400 Yard Par 4
40 Yard FW
20 Yard Rough
Lateral Hazard
250 Yard Drive
8 Degree Error

4.44 Stroke Average

Typical Solution

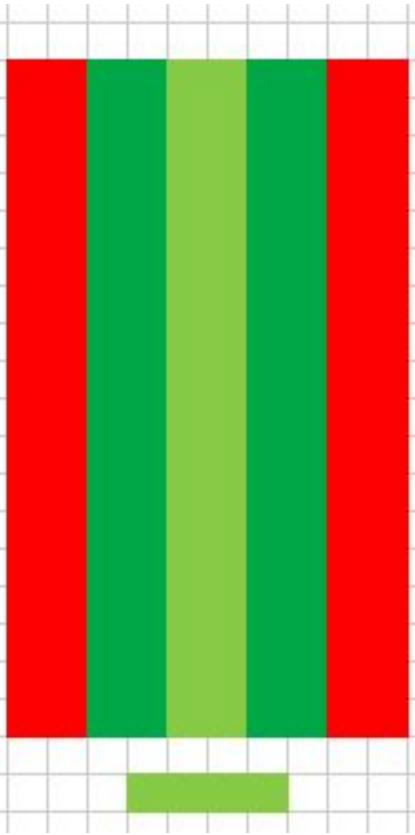


420 Yard Par 4
40 Yard Fairway
20 Yard Rough
Lateral Hazard
250 Yard Drive
8 Degree Error

4.59 Stroke Average

More Total Land
More Manicured Land

Our Proposed Solution



400 Yard Par 4
20 Yard Fairway
20 Yard Rough
Lateral Hazard
250 Yard Drive
8 Degree Error

4.59 Stroke Average

Same Total Land
Less Manicured Land

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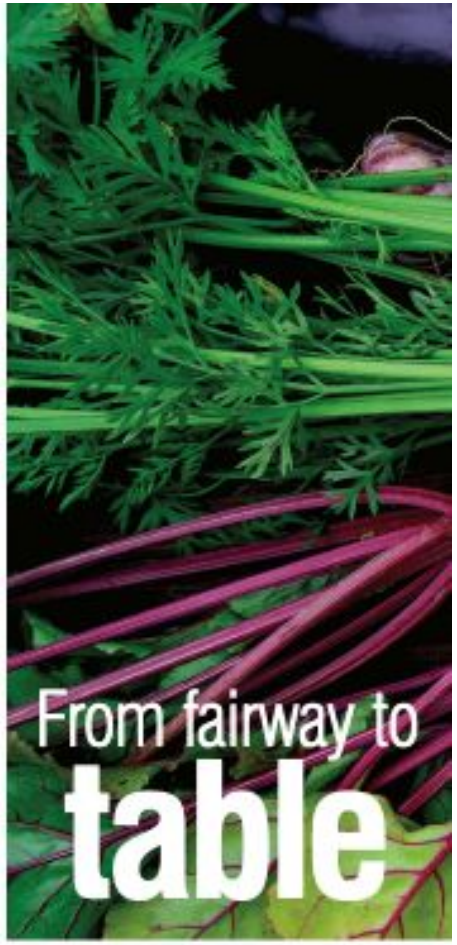
Narrow fairways are more sustainable.



Expanded rough, hazard, and out-of-bounds areas can help courses make positive sustainability impacts

- Biodiversity / habitat
- Stormwater management, filtration, and recharge
- Erosion management
- Carbon capture
- Agriculture areas

Sections of courses can be utilized as pasture.

Koala habitat was created on an Australian golf course.