

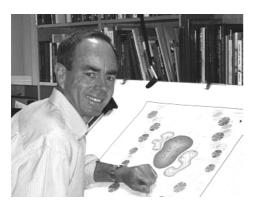
GRAEME GRANT GOLF DESIGN

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Profile

A former director of Newton Grant & Spencer P/L, and principal designer, Graeme Grant has been in the business of Golf Architecture for nearly 30 years.

His role as Course Superintendent at Kingston Heath ran parallel with his design work and was the impetus for the development of a wide range of skills.

His golfing background (3 h'cp player) and the realisation that effective and economic course management relies upon quality design and construction led to the beginning of a life long passion.

The practical experience of 'hands-on' design and the sabbatical tours to play and study the renowned British and American courses enables him to create golf holes of a classical nature with all the modern trimmings.

The redesign of many greens at Kingston Heath and the new Links Lady Bay course are testament to his knowledge and ability. He is able to blend his work with the likes of Alister MacKenzie and also create new courses that can be recognised amongst the finest in Australia.

Philosophy

In the Golden Age of Golf Architecture men created courses to appear as if Nature herself did the job.

The original links courses were formed naturally and influenced the philosophies of these 'new' golf architects.

So as the modern game remains influenced by its origins and traditions, GGGD takes the principles of the Golden Age and adapts them to today's courses.

Safety, Strategy, Drainage, Water Conservation, Economic Maintenance and Environmental Compatibility are all key design guidelines.

It is clear the best golf courses do not evolve solely through a set of plans. Our 'Hands-On' approach produces artistically crafted courses, moulded in the field to ensure the best interests of the client are served.

The new golf course must be interesting and enjoyable for all that play.



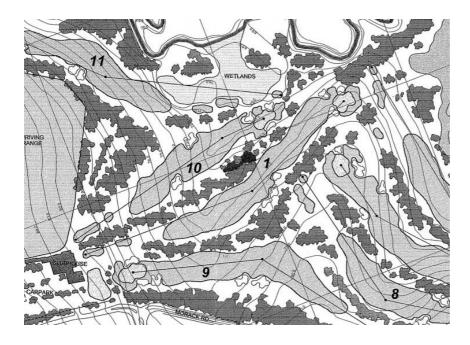
SERVICES

- PLANNING & DESIGN DEVELOPMENT
- DESIGN & CONSTRUCTION DOCUMENTATION
- CONSTRUCTION SUPERVISION BY: TIMELEY ON SITE VISITS THROUGHOUT CONSTRUCTION
- SPECIFIC FEATURE SHAPING
- REMODELLING & UPGRADING EXISTING COURSES

The importance of a close project team in the development of a golf course is paramount for its success. With this in mind, GGGD have developed a long term working relationship with Meinhardt Consulting Engineers, who provide all necessary drafting and engineering services.

Meinhardt are a leading multi-disciplinary engineering firm with 20 offices and over 1300 staff operating in Australia, Asia, U.K. and U.S.A. providing the full spectrum of engineering, infrastructure and project management services.

Meinhardt's detailed engineering background coupled with GGGD, offers all clients a complete golf course design and infrastructure service.





GREENS



"The climax of the Golf Course. There is nothing quite so vital as the proper moulding of the greens. The size, contours, bunkering and entrance to the green should be built with a particular shot in mind."



BUNKERS



"Bunkers should add to the challenge. Not only should they look aesthetically appealing but most importantly they should be practical and appear as though they were naturally meant to be there."



TEES



"Tee variations allow for different abilities and variety of play. Beginners can play off the forward tees in order to avoid potential trouble while the better and braver players can play off the back tees."



Various Works

NEW COURSES

Juo Country Club – Japan Links Lady Bay – SA Eden Golf Club – NSW - 9 holes BHP Global Leadership Centre

UPGRADING AND ALTERATIONS

Victoria

Kingston Heath Golf Club
The National Golf Club
Capital Golf Club
Woodlands Golf Club
Flinders Golf Club
Riversdale Golf Club
Long Island Country Club
Kingswood Golf Club
Medway Golf Club
Rosebud Country Club
Box Hill Golf Club
Green Acres Golf Club
La Trobe Golf Club

New South Wales

New South Wales Golf Club
The Lakes Golf Club
Pennant Hills Golf Club
Riverside Oaks Golf Club
Kiama Golf Club
New Brighton Golf Club
Castle Hill Country Club
Pymble Golf Club
Cromer Golf Club
Belmont Golf Club

South Australia

Kooyonga Golf Club
The Grange Golf Club
Tea Tree Gully Golf Club
Flagstaff Golf Club
Riverside Golf Club
Gawler Golf Club

Queensland

Indooroopilly

MASTERPLANNING

Belmont Golf Club – NSW
Broome Golf Club – WA
Jindabyne Golf Club – NSW
Royal Hobart Golf Club – TAS
Cromer Golf Club – NSW
New Brighton Golf Club – NSW
Flagstaff Hill Golf Club – SA
Kooyonga Golf Club – SA
Castle Hill Country Club – NSW
Woodlands Golf Club – VIC
Indooroopilly Golf Club - QLD

^{*} Projects include those undertaken whilst a director of Newton Grant and Spencer.



CASE STUDY Links Lady Bay Golf Club, South Australia





Lady Bay is fast being recognized as one of this country's premier courses.

Designed and constructed for approximately \$2M on former farmland with soils ranging from quite sandy to heavy clay, we created a course very much of a links style.



Links Lady Bay Golf Club, Course Layout





The Beginning







Links Lady Bay is situated adjacent to the Normanville/ Carrickalinga area of South Australia overlooking the magnificent southern Fleurieu Coastline.



3 R D HOLE







Played into the wind, this hole can be quite a prospect as it meanders up a gentle rise towards the surrounding hills. For those capable of carrying to the top of the rise, the drive is helped on its way and can set up an opportunity to get home in two.

The bunkers, especially the small one in the centre of the approach, ensure that only the well struck accurate shot will reach.

The green is large and the pin areas from front to back can be a difference of two to three clubs.



10TH HOLE





"A lot of people say it compares favourably with Royal Adelaide and Kooyonga, and that's them telling me what they think of the course."



BUNKERING



Machines can only do so much!

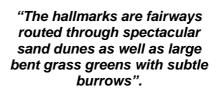




12TH HOLE













FROM THE CLUBHOUSE



"If MacKenzie were still with us today, he'd probably smile wryly as he looked over the layout and be moved to say "what a pleasurable course this is"."

Golf Australia - March 2002





Kingston Heath Golf Club

Kingston Heath is considered by some to be the best golf course in Australia. Graeme Grant, was the design consultant from 1982 during a period of 3 Australian Opens. In order to keep pace with the game's improved technology a series of alterations were made to the grees, tees, bunkering and fairways.

The most important element of this work was to blend our style with the majestic character of Kingston Heath. We are proud to say that any new work is impossible to define from the old.

Additional Bunkering 15th Hole



Second Hole



Before Tree Removal and Bunker Construction



During Construction



After



Castle Hill Country Club



13th Hole During Construction



13th Hole After Construction

To bring Castle Hill Golf Course into line with the Group One courses in Sydney, a Masterplan (NGS) was prepared to enable gradual implementation of a new design minimising interference to member play.

The clay subsoil has required that extensive sub-surface drainage be installed and proper attention be paid to surface drainage. The greens are drained using an aggregate layer over pipes and beneath a sandy profile. Construction of bunkers to produce natural lines was difficult because of clay but the result has been universally praised.



18th Hole Before



18th Hole After



Kooyonga Golf Club

Kooyonga has for many years been amongst the top echelon of Australia's golf courses. However, the ever increasing distance the ball travels has meant that now many of the hazards are out of place and openings to the greens and their general contouring are inappropriate.

Original 15[™] Hole



A process of gradually moving through the course to address any weaknesses began early in 1998 and now eight greens and surrounds have been dealt with.

Safety was a major concern in our assessment of the course. The new 15th is a result of former boundary problems.

Approximately 7,500 cubic metres of sand was moved to create the new green and surrounds approximately 30 metres to the right of the existing.

15th Hole During Construction



Ready for grassing



New Hole





Flagstaff Hill Golf Club

New 16th Hole

Site Clearing



Bulk Earthworks





Top-soiling and Drainage



Grassing



Finished Works



As with many courses built earlier on in hilly terrain there was potential but construction was not easy.

Flagstaff Hill Golf Club is keen to see its course develop into one of Adelaide's best.

We now have the technology and skill. Working with local people four new holes (and a temporary one to allow for new works) were completed in the first year with plans to finish the course within five years.



Indooroopilly Golf Club

Indooroopilly is on land beside the Brisbane river, with magnificent undulation and the potential to become one of Australia's best golf courses. We have begun to develop this potential.

12th Hole Redesign

Former Site



Earthworks - Bunkering



Finished Works





Cromer Golf Club

Cromer had major turf management problems, in many cases due to poor design and construction, and/or soil profiles and drainage. This was rectified on the ninth hole.

9th Hole Redesign

Former Site



During Construction



Ready for Grassing



Finished Works





Tea Tree Gully Golf Club

Site Clearing



7th Hole Redesign

By utilising previous areas of scrub within the property we have been able to make subtle layout alterations. On this the 7th, the former uninteresting straight away hole has been converted into a slight dog-leg with character.

Earthworks





New 7th Hole

