



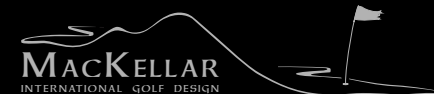
*Upholding the Traditional Values of Scottish Golf Course Architecture*

[WWW.INTL-GOLF-DESIGN.COM](http://WWW.INTL-GOLF-DESIGN.COM)





## MACKELLAR INTERNATIONAL GOLF DESIGN HISTORY



**MACKELLAR INTERNATIONAL GOLF DESIGN (MIGD) IS A TRADITIONALLY RECOGNIZED GOLF COURSE DESIGN / CONSTRUCTION MANAGEMENT COMPANY. OUR NEW COURSES AND RENOVATION PORTFOLIO EXTENDS ACROSS ESTABLISHED AND EMERGING MARKETS ALIKE, WITH SUCCESSFUL DELIVERIES ACROSS 4 CONTINENTS. CURRENTLY OUR TEAM HAS MORE THAN 10 COURSES IN VARIOUS STAGES OF DESIGN / CONSTRUCTION AND AN EXCITING PIPELINE OF COURSES IN OUR STUDIOS.**

**SINCE MIGD'S FORMATION IN 2011, THE COMPANY CONTINUES TO ATTRACT LEADING DEVELOPERS AND EXISTING COURSES BASED ON OUR VALUES OF TIMELESS SCOTTISH GOLF DESIGN.**

MIGD enjoys unique relationships with some of the world's finest developers who share our passion for Scottish Golf Course Architecture. The company engages with industry professionals on a global basis and adopts cutting-edge technology in our design studios located in the United States of America and Australia. With additional field offices in the Philippines, Mexico and Dubai, the company provides a near 24-hour service commitment to our clients.

MIGD has a dedicated approach to design minimalism, financial security and social awareness required in modern golf course design. Our design values, commitment to our clients and an everlasting passion for the game itself has resulted in MIGD fast-becoming a prominent design and construction management company at the global level.



## CAMERON MACKELLAR - THE DESIGNER

**“CAMERON HAS DEVELOPED A UNIQUE GLOBAL PERSPECTIVE THAT ENABLES HIM TO SUCCESSFULLY DESIGN COURSES THAT INTEGRATE SEAMLESSLY INTO THE NATURAL SETTING.”**

- Duane Lee, Harbor Club Resort

Cameron MacKellar has experienced golf at its highest level, caddying for PGA professionals in Europe, Australia, North America and Asia. His “inside-the-ropes” perspective infiltrates throughout the work of MIGD and translates into playable, considerate venues that truly create a unique playing experience.

Cameron began his golf career with the prestigious Grange Golf Club in South Australia. Whilst considering a career in professional golf himself, he found his true passion for golf course design on the Scottish links during 1998/99.

He understands the historic value of golf course design, and is a proponent of maintaining the true essence of golf design strategies previously employed during the Golden Age. His attention to specific details that respond to playability during our course deliveries ensure each course is unique to its location.

Cameron believes that golf should be experienced and entertaining for players of all abilities. As an active advocate of womens and junior golf programs he takes seriously the legacy being created for future generations.



Spirit Golf Site - Scotland



## ABOUT US

GOLF COURSE DESIGN IS AN ORCHESTRATION OF CONSIDERATE DESIGN, DELIVERED TO MEET THE STRATEGIC GOALS OF SOCIAL, AESTHETIC AND ENVIRONMENTAL CONDITIONS THAT WERE PREVALENT BEFORE CONSTRUCTION BEGAN.

## LOCATIONS



### SEAN ACKROYD - SENIOR COURSE DESIGNER

Sean has been instrumental in delivering MIGD facilities that respond to the environmental, social and financial objectives of our clients globally. With degrees in Zoology, Landscape Architecture and Environmental Management he has delivered comprehensive construction documents, accurate cost estimates and quality control measures to ensure that each MIGD design is built precisely according to plans and specifications.



### CALVIN SYLVA - HEAD OF GLOBAL CONSTRUCTION

Calvin has an international career that spans more than 25 years, leading the construction of more than 30 golf course facilities throughout Asia-Pacific and North American locations. He has a detailed and comprehensive background in cost projection, alternate construction methods and agronomic specification and implementation. His "hands-on" approach to delivery provides our clients with a dedicated partner throughout their construction cycle.



### KOMAL PARVEZ - REGIONAL BUSINESS PARTNER (MID-EAST)

Komal is a registered architect and landscape architect with international experience that spans over two decades. Based in Karachi Pakistan she has worked on prominent and iconic projects throughout the UAE and Africa. As a pivotal member of the MIGD team Komal provides landscape design, construction management and irrigation services based on extensive experience throughout the region. She is also a current member of the International Federation of Landscape Architects.



## WHY ARE WE DIFFERENT?



### OUR CLIENTS

MacKellar International Golf Design recognizes that no two clients are the same, and therefore, each course is unique with no two courses designed with the same strategy or intent. A tailored solution must be developed based on an understanding of the client's objectives, vision and intentions for how the golf courses is situated within the overall development. As a result, our team spends a significant amount of time gathering information relative to the site, the opportunities and constraints, and above all else, gaining the trust of our clients to ensure a collaborative solution is achieved regardless of complexity and financial considerations.

### OUR COURSES

MacKellar International Golf Design creates unique, challenging and sustainable golf courses globally based on a minimalist philosophy that integrates the playing field with naturally occurring features and the surrounding conditions. Our company was founded on a commitment to "upholding the traditional values of Scottish Golf Course Architecture", and we deploy these principles considerately at each of our locations.

Often we find other designers ploughing through the terrain with bulldozers and graders, destroying existing landscapes to construct an unnatural setting that often leaves an irreparable (and expensive) scar on the land for years to come. The ramifications of such developments often result in expensive maintenance costs, with redesign work required by the client only a few years after opening.

#### Our philosophy is different.

Firstly, egos are checked at the door. Preconceived ideas of length, difficulty and aesthetics are dismissed - replaced with a focus of exploration - the exploration of a true **IDENTITY** for the golfing environment.

It is our duty as craftsmen to experience and engage with the site at ground-level, acquainting ourselves with the natural condition and exploring the best possible solution to meet the clients objective. This is the only way to deliver a course that develops and maintains a unique **CHARACTER**. This is an ongoing process and we have found that during construction, the design evolves and additional opportunities arise to enhance the golfing experience, for this reason our staff are on-site during construction to identify these occasions and implement these changes for the benefit of the development.

Golfers can be fickle creatures, but one element each golfer seeks is a challenging and rewarding golf **EXPERIENCE**. For this reason, our courses do not focus on difficult, unattainable shot-making requirements, but rather we concentrate our efforts on developing solutions that encourage thought-provoking decisions. These decisions create an ongoing curiosity that entices players to come back again for the challenge, making economic sense for both player and developer.



Hill Top Golf Club - Vietnam  
Constructed by Calvin Sylva



DESIGN STRATEGY & PROCESS

OUR CONSIDERATE DESIGN VALUES REFLECT AN ENDURING COMMITMENT TO MAINTAINING THE STRATEGIC SCOTTISH METHOD OF MINIMALISM.

THE RESULT IS A THOUGHT-PROVOKING EXPERIENCE THAT RESPONDS TO ENVIRONMENTAL AND COMMERCIALY CONSIDERATE PRINCIPLES.

SITE REVIEW

Site Review and analysis is one of the most important parts of the design process. Using the available information, supplemented with on-site observations, we will analyze the significant characteristics of the property. Each property contains information that identifies its characteristics and design strengths and weaknesses.

SCHEMATIC LAND-USE PLANNING

Golf Course Planning is the development of initial routing, strategy and themes of the golf course. This is the creative area of the process where we determine how to use the land and its natural features to enhance the character and personality of the property. During the Golf Course Planning and Design phase we develop several routings with strategy and challenge that achieve our stated goals.

MASTER PLANNING

This phase entails the refinement of the Schematic Land Use Plans where we integrate the most favorable elements from the SLUP into the Master Plan. An integral part of the master plan task will be the development of a preliminary budget for the golf course construction and related facilities.

FEATURE DEVELOPMENT DESIGN

This phase will include the design of the strategy and feature development of each individual golf hole. Each design concept that will be explored for each hole will be based upon the master plan routing and overall vision for the project. A packet of smaller scale, individual hole drawings will be developed and presented to the Owner for review.







XILI Golf Course - Shenzhen  
Constructed by Calvin Sylva

## DESIGN STRATEGY & PROCESS



### CONSTRUCTION DRAWINGS & SPECIFICATIONS

Construction drawings will precisely describe what is required during construction. These drawings range in scale and are compiled with exceptional detail to compliment the specification package that addresses every aspect and phase of golf course construction. They also outline and provide direction to an exact measurable definition enabling clear direction.

### BUDGET ANALYSIS

Budgets and developing construction costs are the final key to designing a golf course and delivering it on time and on budget. We quantify every aspect of the design and assemble the equalities in a progressive format. We share these quantities with the project Engineer and golf course contractor.

### BIDDING & CONTRACTOR PROCUREMENT

Once the project is ready to be built, we will assist the Owner in finding qualified contractors to bid on the construction of the project. We will conduct a pre-bid meeting with all of the potential Contractors during which we will clarify the project and field any questions by the Contractors. Once bids are received, we will compile and analyze all of the bids received in a comprehensive spreadsheet

### CONSTRUCTION ADMINISTRATION

In order to ensure delivery of an optimal final product, it is essential that we observe construction of the golf course. We will make periodic visits to the site during active construction to ensure it is being delivered to the intended vision of the project per the Golf Course Architect's discretion. Detail adjustments when necessary will be directed in the field and documented through progress reports to the Owner. Our services will also include pay application reviews, reviewing and commenting on any change orders or requests made by the contractor during the construction phase.





## RENOVATION & RESTORATION SERVICES

### OUR PHILOSOPHY

Renovation and Restoration Services are fast-becoming the industry norm as outdated facilities are costing clubs revenue, with golfers seeking out courses that are challenging, enjoyable and provide an “experience” of the natural landscape. In addition, courses are engaging more in environmental sustainability practices and responding to a varying player demographic for their facilities.

### THE VISION

Mackellar International Golf Design meticulously gathers and studies historic data and photographs and assesses the needs of current and future infrastructure. We use this information to develop a long-term vision for the golf course that will ensure that the design work or style of the original architect is retained, while making sure that the golf course remains relevant for current and future generations of golfers.

### CONSIDERING RENOVATION....

Golf courses lose their unique character and their original strategic elements over time. Playing conditions change and require reinvestment in sustainable solutions. Trees and other vegetation may have overgrown and crowd fairways, or extreme green contours limit pin placements, and outdated design standards render hazards obsolete and cause safety issues.

### WHY YOU SHOULD RENOVATE

- Update the course to higher design and safety standards.
- Improve course conditions, playability, and pace of play.
- Reposition and differentiate the course in the market.
- Improve greens speeds, surfaces and pin locations.
- Increase environmental sustainability through reduced water consumption or re-use.

### KEY ELEMENTS

- Timeless designs inspired by the Golden Age of Architecture.
- A least disturbance approach that relies on the natural features of the course.
- Efficient and time-proven construction methods to reduce capital expenditures.
- Sustainable design with rugged hazards and low maintenance features to reduce operation costs.
- Unique and memorable layouts designed for all skill levels.





## CONSTRUCTION MANAGEMENT SERVICES

Mackellar International Golf Design uniquely offers a comprehensive project and construction management service to support our design capabilities. We are committed to providing increased value by utilizing our proven processes to avoid pitfalls, provide value and reduce scheduled delivery whenever possible.

### BUDGET & VALUE ENGINEERING

Our estimators, project managers and field supervisors work together to review each golf course system and component. Value, quality, and life expectancy are key components we use to determine which recommendations will best meet the needs of our clients.

### SCHEDULE MANAGEMENT

Golf course design and construction occur as a series of phases, structured along a timeline designed to produce deliverables, meet stated goals, and utilize allocated resources. Phases put the scope of work to be completed into perspective and create a structured framework for planning.

### LEAN CONSTRUCTION

Lean Construction maximizes the performance of construction personnel by controlling their productivity rates by relying on trust, cooperation and teamwork. The effect is to create a better workflow, higher production, quicker schedule, lower cost and more accountability for each team member.

### QUALITY MANAGEMENT

Golf course construction and maintenance quality is directly related to the ongoing success of any facility. Our professional construction management team is committed to providing critical project information to the client, so that executive-level decisions are correctly directed to take advantage of improvement opportunities that optimize the quality and value of the finished product.

### ENVIRONMENTAL MANAGEMENT

MIGD understands that those who enjoy golf, often enjoy it because it is an opportunity to get outdoors and into a natural environment. Designing an experience which enhances this pleasure, often by improving the environmental state of the site, is central to all our new course and remodeled designs. In addition to the design of sustainable systems, MIGD personnel use best management practices to naturally retain and filter storm-water runoff and protect water quality on site wherever possible.







## WALNUT CREEK COUNTRY CLUB

25501 Johns Road • South Lyon, MI 48179-8933 • [walnutcreekcc.net](http://walnutcreekcc.net) • 248.437.7337 • Fax: 248.437.9797

10/11/2016

To whom it may concern,

I have pleasure in writing this reference letter for Cameron MacKellar, the owner of MacKellar International Golf Design, with headquarters based in Ann Arbor, Michigan.

Mr. MacKellar was extensively involved in the design and construction management of our facility at Walnut Creek Country Club, South Lyon in 2013. These services were required to provide an update to our facility that had undergone an extensive membership increase, resulting in pace-of-play, safety and playability challenges.

During our 27-hole renovation and master planning project, Cameron's vision and commitment to working with our club management and executive teams provided a seamless service that resulted in a successful outcome. The club has since enjoyed an increase in patronage / membership, and continues to position itself in the market as a premium destination for golfers within the region.

I believe that MacKellar International Golf Design, under the leadership of Cameron MacKellar will provide you with the professional golf course design and construction management services you require to fulfill the objectives of your stakeholder team.

Please contact me at your convenience should you require any further information of the information contained within.

Sincerely,

  
Kevin Frantz  
General Manager, Walnut Creek

## TULLYMORE

GOLF RESORT

August 18, 2014

To whom it may concern,

I am writing this recommendation letter based on our recent experience with Mr. Cameron MacKellar and his Michigan based company, MacKellar International Golf Design (MIGD).

Our company owns two golf courses, Tullymore, and St Ives, both located in the Canadian Lakes region of West Michigan. Tullymore is widely known as a premier course in the region, while St Ives is also an iconic course for the region.

We had been considering a strategic renovation project for these locations and opened discussions with Mr. MacKellar based on a referral from an associate in Michigan. St Ives hosts both members and daily-fee visitors, so we needed to an innovative re-design on something that would provide a new challenge both to our current members and visitors. We feel we already have a destination golf resort so this was intended to bolster that strength.

We have a unique and sensitive environment, and the design we required needed careful attention to the environmental details while preserving the natural site condition. MacKellar International Golf Design has worked seamlessly with our course maintenance team and managing partners to ensure all of these important elements were retained throughout the design process. We know this will be respected and admired within the community as a whole, not just with our visitors and members.

It is my belief that Mr. MacKellar has a unique skill in applying sensitive design philosophies that would be a perfect choice for any course worldwide. He never fails to mention his philosophy of designing within traditional Scottish values and this is evident in the work he delivers. We anxiously look forward to seeing the final design that will hit all of the key aspects we have set out to deliver to our golfing community.

Please do not hesitate to contact me at your convenience for further information. I wholeheartedly endorse MIGD and would relish the opportunity to encourage you to work with them as soon as possible as well.

Sincerely

Jacob Miller  
Director of Operations  
[jacob@tullymoregolf.com](mailto:jacob@tullymoregolf.com)



21<sup>st</sup> February 2017

To whom it may concern,

I am writing this recommendation letter based on my recent experiences with Mr. Cameron MacKellar and his company, MacKellar International Golf Design based in Ann Arbor, MI.

Our company in association with our partners had been considering a full renovation to the existing 18-hole golf course for quite some time prior to our discussions with Mr. Cameron MacKellar and his team.

The club hosts both members and daily-fee visitors to our location, therefore, it was imperative that the new design provided for and respected our current members, but also was challenging and enjoyable for new players and visitors alike. Our facility is established to provide an enjoyable experience for a diverse range of patrons, and as a centerpiece for the resort, the golf course is required to represent this intention.

I have personally known Mr. MacKellar for 12 years, and during this time I have admired his ability to design unique courses in a variety of settings that respond to the natural landscape and condition, a trait that is not always common within the industry at times. We are situated in a unique and sensitive environment, and the design required careful attention to preserving and enhancing the natural conditions within the property. MacKellar International Golf Design has worked collaboratively with our committee and stakeholder teams to ensure native elements were retained throughout the planning stages, an aspect that has been well received by our staff and the local community.

Cameron truly has a unique ability to adopt design strategies that respond to courses in any environment. His philosophy of designing within traditional Scottish values shines through in the work that he delivers, and we look forward to the final product that will not only provide a unique facility to the region, but one that will ultimately reduce our ongoing maintenance costs over the longer term.

Please do not hesitate to contact me at your convenience to discuss our relationship and I can assure you that with the engagement of MacKellar International Golf Design, you will receive a personalized and committed service that delivers a premium world-class product at your location.

Sincerely,

Duane Lee





## MEDIA CONTRIBUTIONS / ACCOMPLISHMENTS

MacKellar International Golf Design has received many accreditations and awards for the courses we have designed globally. As a result of our commitment to quality, we have been engaged by many industry media outlets to provide insight into the future of the game. Below is a small sample of our recent contributions and awards to the golf architecture industry:

### ARTICLES

#### **Indian Gaming Magazine - US**

Challenging and Playable Golf Design

#### **Indian Gaming Magazine**

Charting the Right Golf Course for Your Property

#### **Indian Gaming Magazine**

Decision-Making in Golf Course Design

#### **Asian Golf Magazine**

Engaging with your Golf Course Architect

#### **Australian Golf Magazine**

The Future of Our Great Game

#### **US Golfer Online**

The Costly Price of Golf Maintenance

#### **Vietnam Golf Magazine**

Do you need a SIGNATURE Designer

#### **US Golfer Online**

Why Maintain a Master Course?

### AWARDS

Golf Magazine Top 20 Resort Courses

Golfweek's Best Courses You Can Play

Golf Magazine Top 50 Asian New Courses

Golf Digest Best New Casino Courses

Golf Digest Top 10 New Courses

Asian Golfers Best New Courses

Golfweek's Best Casino Courses

Presidents Award for Master-planning

Best New Golf Development under \$10M

Top 10 Renovated Courses

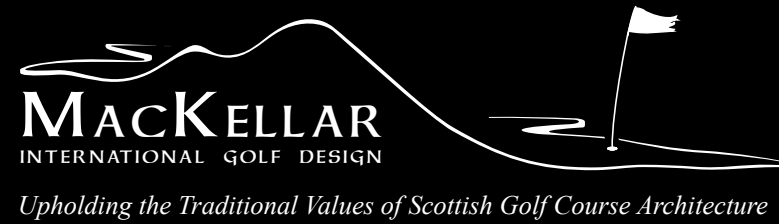
Australian Golfers Top 20 Renovations of the year

The Best Courses You Can Play

European Golf Course Top 50







## HEAD OFFICE

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## REPRESENTATIVE LOCATIONS

AUSTRALIA, JAPAN, MEXICO, PAKISTAN, PHILIPPINES, SCOTLAND, SRI LANKA, VIETNAM

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