

Kinsale Golf Club Proposed Concept Masterplan

12/06/2023

Compiled by REGOLF Design 12/06/2023









INTRODUCTION:

REGOLF have been asked by Kinsale Golf Club to develop a **Masterplan** for the ongoing development of its Golf Course at Farrangalway, Kinsale, Co. Cork.

• A golf course is a living natural entity and the majority if it's components wear down over time and have a life expectancy which need to be replaced or renovated over the course of time, Modern technology has altered the playing characteristics and strategy of the golf course and certain hazard placements need adjustment to cater for the modern game. Tree management is also crucial for the playability of the course and the health of the Trees. The Trees have matured and influence how the course plays. The ongoing management of the trees need to be maintained. I am pleased that the club has a tree management plan in place. There is a need for the planting of Scotts Pine in the various plantations through the course to break monoculture of some of these plantations.









WHAT IS A COURSE MASTERPLAN:

A Conceptual Course Masterplan is:

- a critical analysis of a golf course as it currently stands
- it highlights a course's shortcomings / problem areas & issues
- it recommends solutions to eliminate them
- it is a structured plan for the future development of the golf course
- it is **independently compiled** by unbiased (re)GOLF EIGCA architects
- it is generally implemented over a period of time dictated by club budgetary constraints & member's appetite for disruption

The Committee have requested that REGOLF undertake a review of holes **1**, and **5 to 18**. As part of the process We presented our initial thoughts at an information meeting to the members on 14/03/2023 Enclosed is my report presented on the evening plus some amendments









Recommendations

Hole 1:

The existing Greenside Bunker on left to be remodeled into two Bunkers. Protecting the left side of the Green better, allowing access between bunkers and reduction in the sand requirement.

Greenside Bunker to be moved back and reduced in size to accommodate high traffic area.













Tees to be reviewed.

(A) Existing bunker on left to be remodeled into 2 bunkers, protecting the left side of green better, allowing access between and reducing sand area.

(B) Bunker reduced in size to accomodate high traffic area.

Tree management to be reviewed. Scots pines to be introduced to help break the predominant deciduous

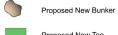




Existing Greens \ Tees \ Bunkers & Fairways



Proposed Fairway Cut





Proposed Slope / Ridge



DRAWING NO. Kinsale GC Concept Masterplan Hole 01

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& APPROVED	Plot
J.Lynch	
SCALE	DATE
1:400 @ A4	12.03







0 Concept Masterplan Hole GC Kinsale



Hole 5:

Any changes to this hole will be dependent on the impact if any of the Ash Die Back disease which is affecting the Ash trees throughout the country. This is already present in the Ash population on the golf course and a number have died. There is no evidence of the disease in the tree in the middle of fairway, which forms a key strategy part of this hole. See below a concept in the event of the tree dying.











General Comments:

(A) Remodel bunkers to reduced sand area and frame the hole better.

(B) Introduce a bunker back right and swail out the right side of the green surround. This gives a little more strategy for a short par 4 green.







Existing Greens \ Tees \ Bunkers & Fairways









Hole 6:

There is room to construct an additional Tee complex to the right of the existing tee box, if needed.

Bunker on left of the green to be moved closer to the green and slightly back, earthworks will be needed to cut a view line into the bunker.

Bunker on the right of the green to be remodeled.













General Comments:

Tees to be reviewed.

(A) Bunker on left moved closer to the green and slightly back, earthworks required to open up views into bunker.

Tree management to be reviewed. Scots pines to be introduced to help break the predominant deciduous

Legend:

Existing Greens \ Tees \ Bunkers & Fairways



Proposed Fairway Cut



Proposed New Tee



Additional Proposed Slope / Ridge



DRAWING NO.
Kinsale GC Concept Masterplan Hole 06

DRAWN, CHECKED	EILE TYPE
& APPROVED	Plot
J.Lynch	
SCALE	DATE
1:400 @ A4	12.03.2







GC

Kinsale

Concep Masterplan Hole 06

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Hole 7:

While studying the 7th hole it was brought to our attention that there is a safety issue with golf shots exiting the property and entering the clubhouse area.

Please find outlined below an explanation of the criteria used to analyse the 7th hole's current safety situation in relation to golf balls exiting the golf corridor

In order to make comment or indeed suggest any remedial works we first need to establish how the hole "stacks up" when critically analysed using the following safety processes;

- 1. The European Institute of Golf Course Architects (EIGCA) "Indicative Working Design Considerations for the Laying Out of Golf Course" Feb., 2002,
- 2. **Dr. Mark Broadie's, University of Columbia, USA** "Assessing Golfer Performance Using Golfmetrics" presented at the Proceedings of the 2008 World Scientific Congress of Golf,
- 3. Dr. Steve Otto's of the R&A, "Amateur Playing Statistics" 1996/2008 and
- 4. PGA Consulting Ltd., "Golf Course Design Safety Guidelines" Feb., 2003.







1. European Institute of Golf Course Architects (EIGCA) "Indicative Working Design Considerations for the Laying Out of Golf Course" – Feb., 2002:

This document was compiled by the EIGCA for circulation within the organisations members **ONLY**. The document is used in the EIGCA's "Golf Course Architecture Diploma" Education Course which is attended by budding architects and employees of golf course architectural firms.

It is also circulated to new & existing members of the Institute for their reference should they require it.

It is not for general public circulation as it is a guideline as to what architects should be mindful of when laying out a golf course close to roads, housing units, pathways etc or when designing a course on undulating / flat pieces of property.

The document states that "Golf course architecture is an inexact science. There are no rules, no rights or wrongs and there are, as those involved with golf know, many anomalies in the field of golf course layout which contradict widely used safety margins, what is a safe margin on one site may be considered unsafe on another".

It suggests that "There are many situations on golf courses where golf holes appear to contradict even the most basic of safety margins and yet have proved, over time, to have played generally well. This is often put down to specific situations found on the site that for some psychological reason render what appears to be a dangerous golf hole generally safe".







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It also mentions that "Equally margins, which may on plan appear to be appropriate, prove to be completely unacceptable on site for a number of reasons – not the least of which is the strange psychology of the game and how golfers react to it".

This report accepts that one of the most crucial elements in the successful laying out of golf courses is the experience and judgement of the architect. It is precisely for these reasons that a combination of experience as well as an understanding of design is so crucial to the successful laying out of a golf course.

It believes that "Statistics can only partly help to solve the complicated issues involved and that..... players themselves have an important responsibility where safety on a golf course is concerned as outlined in The Rules of Golf Section 1 – Etiquette".

Whilst preservation of safety must be uppermost in any architect's design, without due regard to courtesy and etiquette no golf course can be labelled entirely safe. The EIGCA report goes on and attempts to suggest "some basic framework for the laying out of a golf course and to provide some principles for good design practice. As each hole has specific criteria, which are relevant only to that hole, it cannot and does not attempt to provide "hard and fast" guidelines".

It states, "The complexities of laying out a golf course are far too complicated and diverse for such simplistic treatment".

In a series of graphical examples the report attempts to highlight the most commonly found situations on golf courses and to first suggest broad bands in which a golf hole, under very typical conditions (i.e. flat site, no tree cover, no wind etc) might be laid out and then to suggest variable site factors which would have an impact on these margins.





It also describes the relationship between preceding greens and proceeding tees all the while mindful of:

- Topographical variables i.e. elevation changes, cross slopes, valleys, uphill
 & downhill shots
- Visibility of Boundaries here the psychology of the golfer is crucial
- Prevailing Wind Conditions is it against, behind or coming from the left or right. How will it affect the ball flight?
- Tee orientation where are they pointed? How does their orientation affect a golfer's stance, set-up and psychology?
- Golf Course Features where are the hazards positioned and how do they affect a golfer's stance, set-up and psychology?
- Footpaths / Bridle-paths / Roads / Out of Bounds / Adjacent Housing Units

 where are they located and how do they affect a golfer's stance, set-up and psychology?
- Tree Planting do they hinder or encourage player to a certain way?

In our analysis of the 7th hole at Kinsale Golf Club we will use the Broadie Dispersion graphs to highlight the possible extents of the ball dispersion that is possible from the Tee.

It should be noted that data used to collect these graphs did not have netting or other artificial retention aids such as netting close to or adjacent to the tees. Neither can it be assumed that there were housing units or other boundary sensitive issues in play.

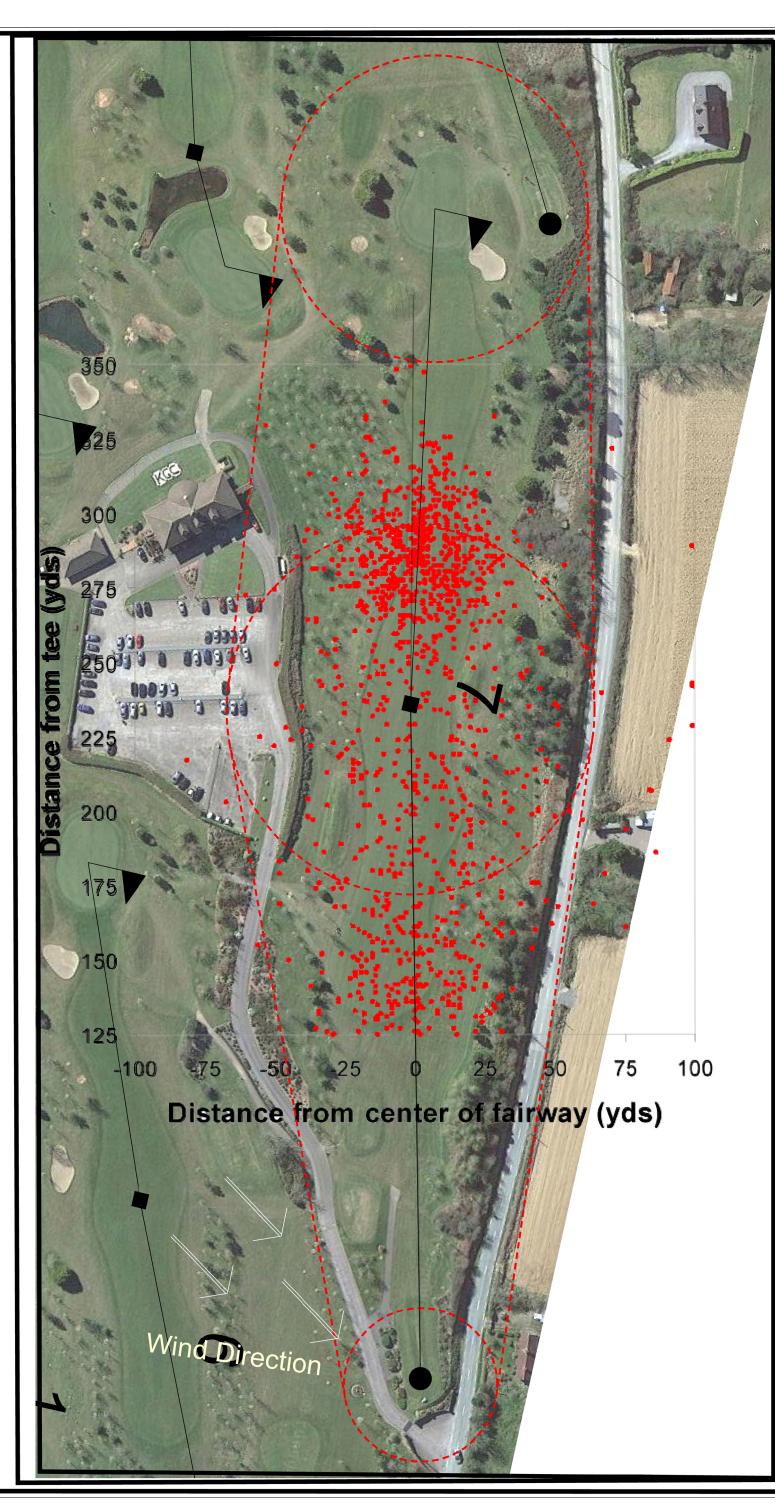
The use of the graphics is to <u>ONLY</u> demonstrate the possible spread and dispersion of tee-shots using a scientifically acquired dataset of tee-shots.













No.	Meters	Par	No.	Yards	Par	
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Dr. Mark Broadie's, University of Columbia, USA - "Assessing Golfer Performance Using Golfmetrics" presented at theProceedings of the 2008 World Scientific Congress of Golf:

Golfmetrics Ball Dispersion in RED

EIGCA Safety Guidlines in DOTTED RED LINES



PROJECT NO.
DRAWING NO.
2021.10.25 Kinsale GC
Hole 07 Safety Analysis

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J.Lynch	
SCALE 1:1,250 @ A3	DATE 25.10.2021







To help reduce the safety risk we have outlined 3 possible solutions.

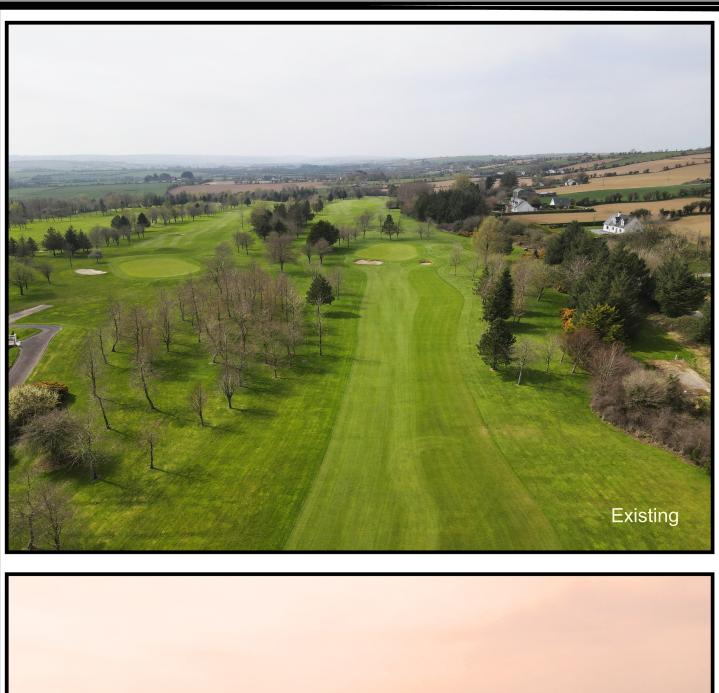
Option A:

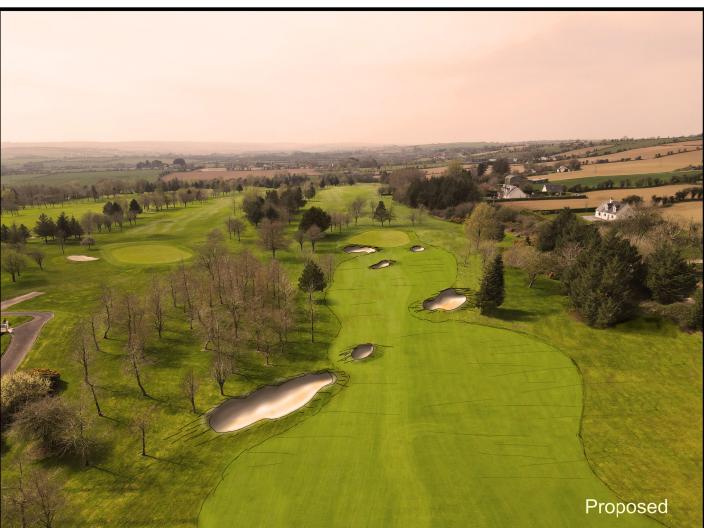
This option reduces the hole length to 355 Yards. The concept here is to move the tee shots past the carpark area, The undergrowth on the right is to be cleared out to help give the impression of more space, this coupled with strategic bunkering is to help encourage a lay-up option.

















Seneral Comments

The concept of this hole is dependant on the safety mitigation

Hole length = 335yds

- (A) Tee moved left.
- (B) Preferred Lay-up position.
- (C) Strategic bunkering to help take driver away as a tee shot option and encourage a lay-up.
- (D) Clear away undergrowth to help enlarge the lay-up area and make it more visually appealing for a lay-up.
- (E) Plant tall growing specimen trees and thin out the monoculture of Alder.



Existing Greens \ Tees \ Bunkers & Fairways

Proposed New Green

Proposed Fairway Cut

Proposed New Bunker

Industrial Proposed Slope / Ridge

Proposed Tree Ren

Kinsale

DRAWING NO.

Kinsale GC Concept

Masterplan Hole 07

PROJECT NO.

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J.Lynch	
SCALE	DATE
1:400 @ A4	12.03.







07 GC Concep Masterplan Hole Kinsale



Hole 7 Option B:

This option reduces the safety risk considerably by converting the hole to a PAR 3, unfortunately reducing the par of the course. The remaining area of the old 7th fairway can be converted into a short game academy close to the clubhouse, or an overflow car park area.











No.	Meters	Par	No.	Yards	Par
-	-	1			

General Comments:

Hole lenght = 156m / 170yds

- (A) New Par 3 Tee complex.
- (B) Green Strategy to suit new Par 3.
- (C) Plant tall growing speciemen trees and thin out the monoculture of Alder.



PROJECT NO. DRAWING NO. 2021.10.25 Kinsale GC Safety mitigation Concept Par 3 Draft

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SCALE 1:1,250 @ A3	DATE 25.10.2021





Hole 07, Safety Mitigation Concept PAR 3 DRAF



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Hole 7 Option C:

This option proposes the use of safety netting in problematic areas. Various heights of netting are available and the club need to explore the feasibility of the most suitable solution. Netting will not solve the issue completely.









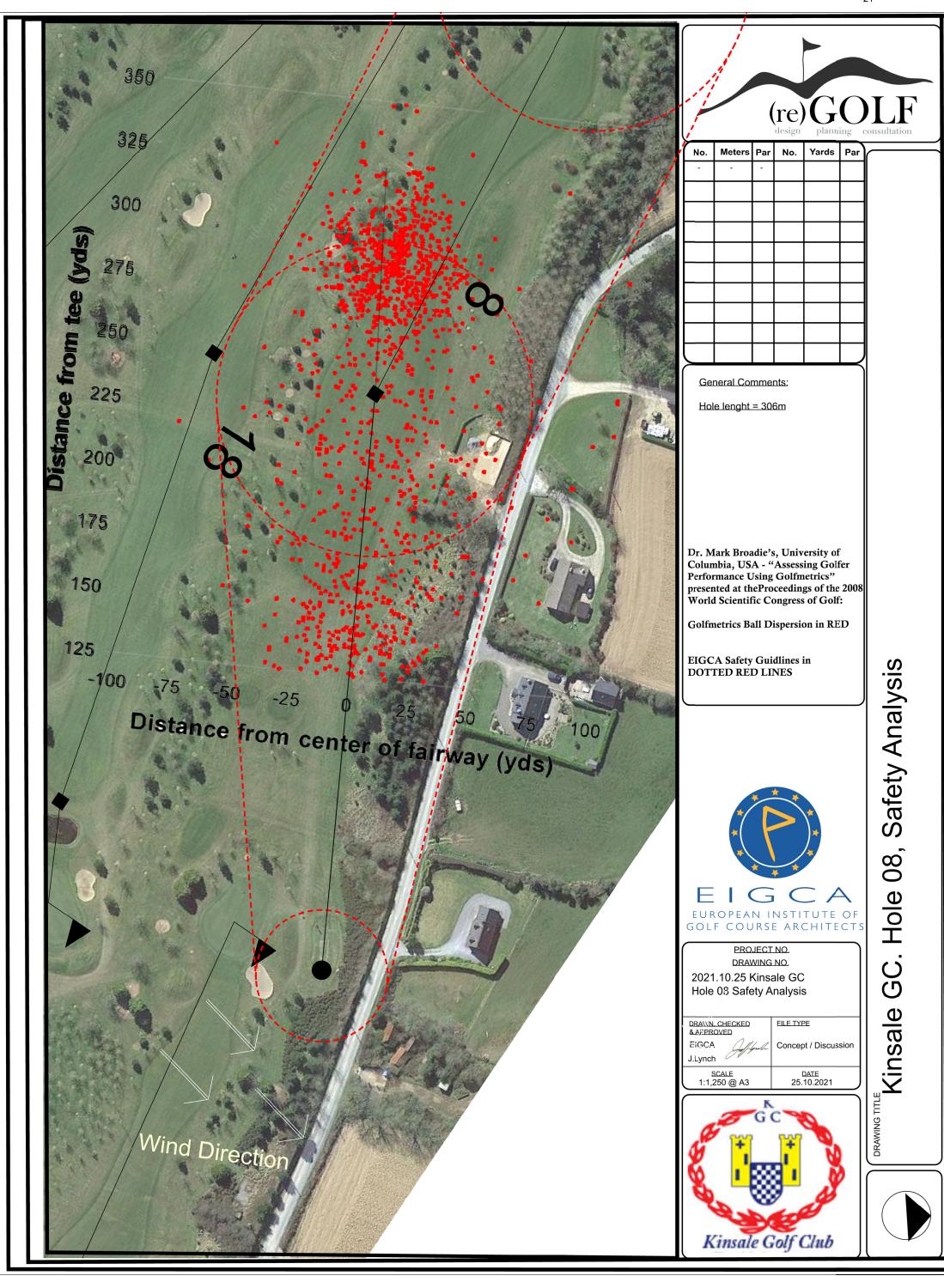
<u> Hole 8:</u>

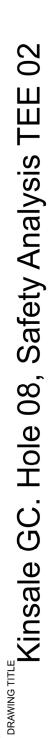
Similar to hole 7, there maybe safety issues with the boundary, the club need to record data of errant shots from both sets of tees.

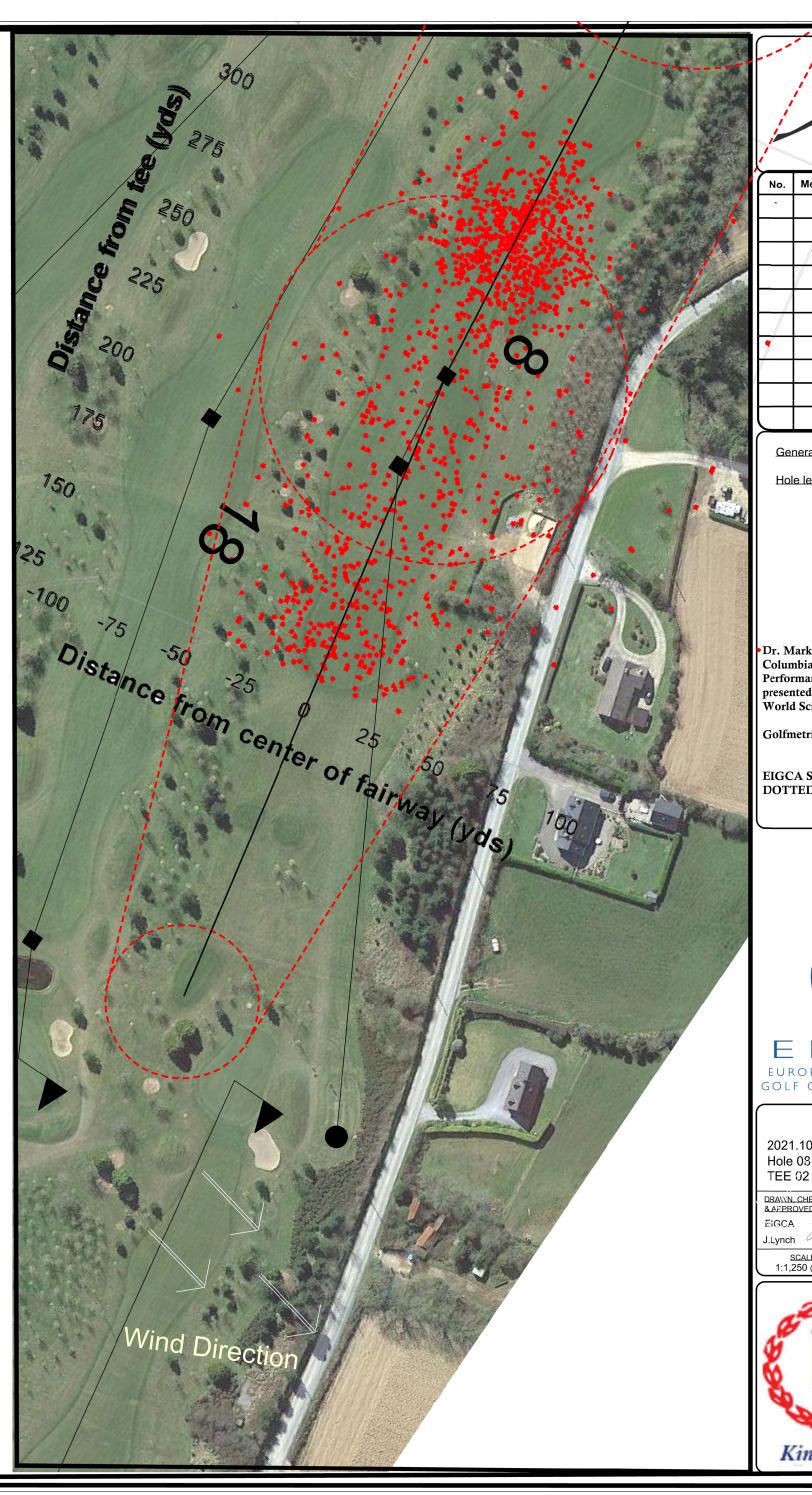


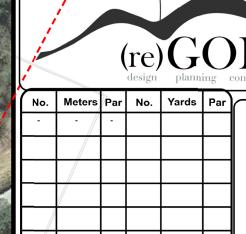












General Comments:

Hole lenght = 306m

Dr. Mark Broadie's, University of Columbia, USA - "Assessing Golfer Performance Using Golfmetrics" presented at theProceedings of the 2008 World Scientific Congress of Golf:

Golfmetrics Ball Dispersion in RED

EIGCA Safety Guidlines in DOTTED RED LINES



PROJECT NO.
DRAWING NO.
2021.10.25 Kinsale GC
Hole 08 Safety Analysis

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& AFPROVED

EIGCA

Concept / Discussion

SCALE DATE 1:1,250 @ A3 25.10.2021





Hole 9:

Existing Bunkers are one-dimensional in location to be removed and re landscaped to original ground level.

More strategic bunkering to be introduced to form more of a dog leg and create a challenge for all category of golfer . This will also improve the safety encouraging golfers away from the 18^{th} .

Approach bunkers to be remodelled to improve drainage and ascetics.

Drainage needs to be addressed between green side bunker and green.











General Comments:

Tees to be reviewed.

(A) existing bunkers are one dimensional in location and need to be removed and re-landscaped to original ground levels.

(B) More strategic bunkering to be introduced to form more of a dogleg and create a challenge for all category of golfers. This will also improve the safety encouraging golfers away from the 18th.

(C) Approach bunkers remodeled to improve drainage and aesthetics.

Tree management to be reviewed. Scots pines to be introduced to help break the predominant deciduous layout.





Legend:

PROJECT NO. Kinsale DRAWING NO. Kinsale GC Concept Masterplan Hole 09 DRAFT

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SCALE 1:400 @ A4	DATE 12.03.2







Kinsale







Hole 10:

Greenside Bunker of left side of green to be moved closer to the green and shaped to frame left side better.











Proposed





General Comments:

Tees to be reviewed.

(A) Bunker on left moved closer to the green and shaped to frame left side better.

Tree management to be reviewed. Scots pines to be introduced to help break the predominant deciduous layout.



Existing Greens \ Tees \ Bunkers & Fairways

Proposed Fairway Cut

Proposed New Bunker

Proposed Slope / Ridge

PROJECT NO.
Kinsale DRAWING NO.
Kinsale GC Concept
Masterplan Hole 10 DRAFT

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& APPROVED	Plot
J.Lynch	
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Concep Masterplan Hole 10 GC Kinsale





Hole 11:

Front Tee Box complex to remodelled.

Back left of green suffers badly from ponding and will deteriorate over time. Remove mound at the back of the green and allow for sufficient drainage.

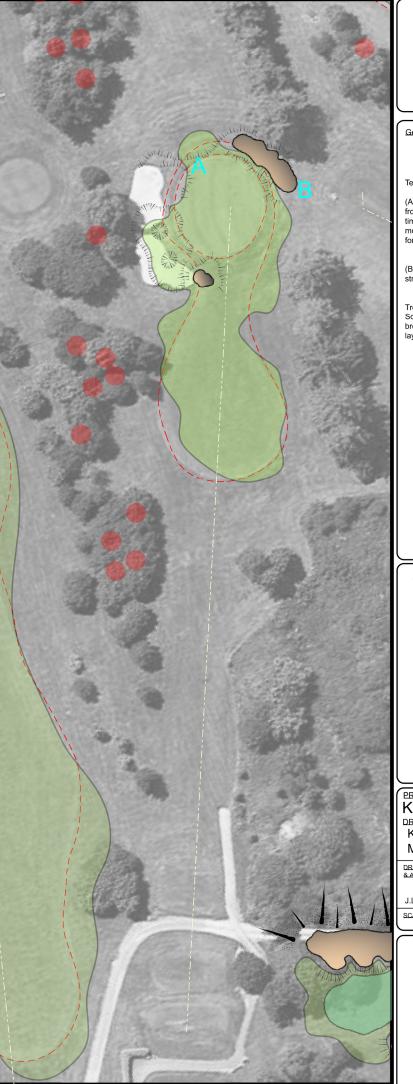
Create new bunker at back right of green to better frame the hole .











Proposed





General Comments:

Tees to be reviewed.

(A) Back left of green suffers badly from ponding and will deteriorate over time. The suggestion here is to remove mound at the back of green and allow for sufficient surface drainage.

(B) Back right bunker to balance the strategy of the hole.

Tree management to be reviewed. Scots pines to be introduced to help break the predominant deciduous

Existing Greens \ Tees \ Bunkers & Fairways



Proposed Fairway Cut



Proposed New Bunker



Proposed New Tee





PROJECT NO.
Kinsale DRAWING NO.
Kinsale GC Concept Masterplan Hole 11 DRAFT

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Kinsale Golf Club







Hole 12:

Existing Blue tee box needs to be re built.

Remove mound on the right before ditch.

Bunker remodelled to better tie in with left side of green.













12

Concep Masterplan Hole

General Comments:

(A) Remove old separation mounding.

(B)Bunker remodeled to better tie in with left hand side of green.

Tree management to be reviewed. Scots pines to be introduced to help break the predominant deciduous layout.

Legend:

Existing Greens \ Tees \ Bunkers & Fairways



Proposed Fairway Cut



Proposed New Bunker



Additional Proposed Slope / Ridge



DRAWING NO.
Kinsale GC Concept
Masterplan Hole 12

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& APPROVED	Plot
J.Lynch	
SCALE	DATE
1:400 @ A4	12.03







Kinsale GC



Hole 13:

Option A.

Remodel existing greenside bunkers

Monitor safety issue on tee with approach shots to 12th Green, if necessary may need to build an alternative tee.

Option B.

Currently there is safety issue with approach shots to the 12th green.

The concept here is to move the 13tee away from the problem.

A short strategic risk and reward par 4 can be created using the existing quarry as an exciting feature incorporate into the hole.











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Hole

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Existing Greens \ Tees \ Bunkers & Fairways Proposed New Green Proposed Fairway Cut Proposed New Bunker

PROJECT NO.
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Kinsale GC Concept Masterplan Hole 13

SCALE 1:400 @ A4 DATE 12.03.2023







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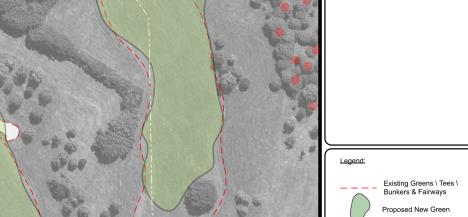
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(A) Currently there is a safety issue with approach shots to the 12th green encroaching on the 13th tee area.

(B) The concept here moves the 13th Tee away from the problem. A short strategic risk & reward par 4 can be created using the existing quarry as an exciting feature incorporated into the hole.

Tree management to be reviewed. Scots pines to be introduced to help break the predominant deciduous layout.



PROJECT NO.
Kinsale DRAWING NO.
Kinsale GC Concept

ı	Masterplan Hole 13 Option		
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ı	J.Lynch		
ı	SCALE 1:400 @ A4	DATE 12.03.2023	







Kinsale



Hole 14:

Right Green side bunker to be remodelled to better support the green on the right and add strategy.

Greenside bunker on left to be removed and create grassy hollow introduced to aid traffic flow introduce interesting recovery shot.













(A) Bunkers remodeled to better support the green on the right and add strategy.

(B) Bunker removed and grassy hollow introduced to aid traffic flow and interest to recovery shots.

Tree management to be reviewed. Scots pines to be introduced to help break the predominant deciduous layout.







Existing Greens \ Tees \ Bunkers & Fairways Proposed New Green

Proposed Fairway Cut

Proposed New Tee Hadada Proposed Slope / Ridge

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& APPROVED	Plot
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Hole 15:

Extra Tree surgery needed to expose the large Tree to the left of the green.

Opening view of the green.

Open ditch in front of the green to be stone faced to give a permanent edge and improve aesthetics.

Create bunker to back of green to better frame the hole and reduce the risk of ball going out of bounds.













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15

General Comments:

Tees to be reviewed.

(A) Extra Tree surgery needed to expose the large Oak trees and open up views of the green.

(B) Open ditch to be stone faced to give a permanent edge and improve the aesthetics.

(C) Bunkers introduced to the rear to better frame the hole and add little amore strategy. Back bunkers will help stop a low shot running OB.

Tree management to be reviewed. Scots pines to be introduced to help break the predominant deciduous

Legend:

Existing Greens \ Tees \ Bunkers & Fairways



Proposed Fairway Cut



Proposed New Tee



And Indiana Proposed Slope / Ridge



PROJECT NO.

Kinsale DRAWING NO. Kinsale GC Concept Masterplan Hole 15

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SCALE	DATE
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Kinsale Golf Club





Concep Masterplan Hole GC Kinsale



Hole 16:

Refurbish Tee Box.

Fairway and roughs to be drained. Bunker remodelled to better suite maintenance, traffic flows and visuals.











Proposed





General Comments:

(A)Fairway & roughs to be drained extensively to modern sportsturf standards.

(B) Bunker remodeled to better suit maintenance, traffic and visuals.

Tree management to be reviewed. Scots pines to be introduced to help break the predominant deciduous layout.



Existing Greens \ Tees \ Bunkers & Fairways

Proposed Fairway Cut

Proposed New Bunker

Proposed Slope / Ridge



DRAWING NO.
Kinsale GC Concept Masterplan Hole 16

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Concep Masterplan Hole GC Kinsale

16



Hole 17:

Tee to be refurbished

Phase1

Greenside bunkers to be introduced to better frame the hole and add more strategy. Bunkers on left may help balls going OB. Back ridgeline on right hand side to be lowered to help create infinity style greenline, creating more risk and reward for a back pin location, feeder mound back left.

Phase 2

Re build green due size and settlement difficulties causing ponding problems.

















General Comments:

Tees to be reviewed

(A) Bunkers introduced to add strategy and frame the hole better.

(B) Back ridgeline lowered top create infinity ridgeline at rear of green and create more risk & reward.

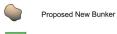
Green settlement is causing surface water drainage problems. This will render the green unsustainable in future years and a re-build will be necessary

Tree management to be reviewed. Scots pines to be introduced to help break the predominant deciduous

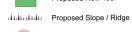
Existing Greens \ Tees \ Bunkers & Fairways



Proposed Fairway Cut



Proposed New Tee





Kinsale GC Concept Masterplan Hole 17

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SCALE 1:400 @ A4	DATE 12.03







Concep Masterplan Hole GC Kinsale



Hole 18:

As in, the ninth Existing Bunkers are one-dimensional in location to be removed and re landscaped to original ground level.

Similar to the 9th new strategic bunkers introduced but in a left to right direction framing the dogleg and creating a challenge for all golfers.

Approach bunker moved to the left of fairway opposite to 9th. Mound should be broken up to open view to greenside bunker. new bunker Introduced into mounding to better frame hole Bunker at back right of green to be closed.

Drainage needs to be addressed between mounds and green surrounds.











General Comments:

Tees to be reviewed.

Son.

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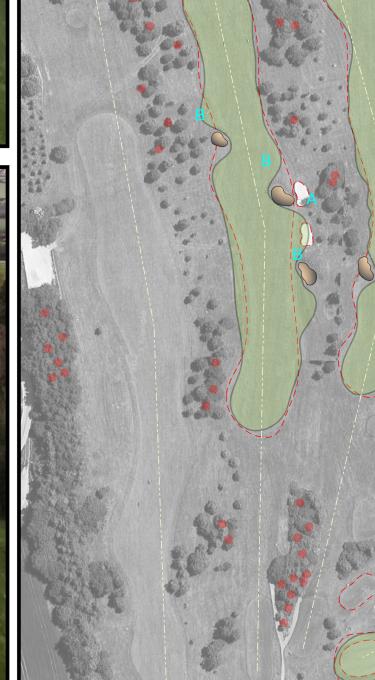
(A) existing bunkers are one dimensional in location and need to be removed and re-landscaped to original ground levels.

(B) Similar to the 9th, new strategic bunkers introduced but in a left to right direction, framing the dogleg and creating a challenge for all category of golfer.

(C) Approach bunker moved to the left of fairway opposite to the 9th strategy.

(D) Mound broke up to open view to greenside bunker. New bunker introduced into mounding to help help frame the finishing hole better. Poor drainage to be

Tree management to be reviewed.
Scots pines to be introduced to help break the predominant deciduous





Existing Greens \ Tees \ Bunkers & Fairways

Proposed New Green Proposed Fairway Cut

Proposed New Bunker

Addudate Proposed Slope / Ridge

Proposed New Tee

Proposed Tree Removal

PROJECT NO. Kinsale DRAWING NO. Kinsale GC Concept Masterplan Hole 18 DRAFT

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J.Lynch	
SCALE 1:400 @ A4	DATE 12.03.20











