



MULTI SHOT R@NGE™

*The revolutionary
driving range
outfield, designed
to meet modern day
practice needs*

***Brought to you by the UK's
leading Golf Build Specialists...***



www.multishotgolf.com

MULTI SHOT RANGE™



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“The Multi Shot Golf Range Concept will change the way golfers use driving ranges.”

The majority of golfers will take no notice of ball direction, where the ball lands or the distance the ball travels, choosing to repeatedly hit ball after ball with little consistency.

Our concept provides a unique dual fairway practice facility that stimulates the golfer by offering a multitude of shot options.

The practice experience is enriched by encouraging golfers to target the elevated greens using a wide variety of clubs.

This produces a high quality practice facility that enhances the golfing experience, which in turn increases the popularity and financial viability of the golf centre.

Who can benefit from a Multi Shot Golf Range?

Golf range owners and operators...

Increase Driving Range Revenues

It is expected that the driving ranges that introduce the new Multi Shot Range concept will attract new customers and encourage range users to hit more club shots and therefore more balls, which will in turn increase the facility's revenues.

Golf customers of all abilities...

Attract a wider variety of golf clients

The unique features of a Multi Shot Range practice facility encourage golfers to target the greens using a variety of golf clubs and golf shots. This provides a more rounded practice experience that will improve all areas of a golfer's game.

The multi shot options will be a favourite with golfers of all abilities and practice regimes.

PGA teaching staff...

Increase professional teaching fees

A Multi Shot Range driving centre offers teaching professionals a variety of strategically located target greens for their students to aim at. The concept aims to replicate features found on the golf course, which can help with shot recognition and club selection.

Once the concept is introduced to a driving range, the teaching professionals can experience an influx of new golfers booking coaching sessions.

Grounds Staff...

Ease of Range and Course Maintenance

The fundamental design behind the MSR is its tiered range. This enables surface water, aided by a sub-surface drainage system, to disperse quickly.

Maintaining the range outfield and ball collection will also become much easier and quicker for the grounds staff thanks to the innovative landscaping of the Multi Shot Range design.

What are the main benefits of a Multi Shot Golf Range?

Quality of Practice:

Size, shape and location of greens, along with the use of bunkering, offers a wide variety and quality of practice.

Aesthetics:

The dual fairway design offers a more attractive landscape that is complimented by a strong tree and shrub planting scheme and the option of extra sand and water hazards.

Increased Usage:

The elevated target greens encourage golfers to practice a variety of shots encouraging them to stay longer. Encouraging golfers to use the driver less will also conserve their energy, which will in turn, entice them to stay longer and hit more balls.

Better Teaching Facility:

The multi shot targets and design association with a golf course will improve the driving range as a teaching facility, allowing for an increase in professional teaching fees.

Improved Drainage:

The dual fairway range increases surface run off through a tiered range design which also improves turf condition.

Ball Loss:

A Multi Shot Range system relates the practice experience more closely to on-course play, with better focus on targets resulting in reduced ball loss.

Ball Collection:

An undulating outfield has effective drainage, making ball collection machinery easier to use, and perimeter shaping means more balls end up in main collection areas.

Ball Containment:

Improved containment from perimeter mounding reduces the chance of safety issues arising from stray balls.



MULTI SHOT RANGE

Bunkering and semi-rough to emphasise fairway form

Long-iron green set into 'nose' of mounding

Dual-fairway design with distant greens set up into perimeter mounding

Middle-iron greens positioned to avoid interference with fairways from most bays



Chipping greens positioned to be playable from all bays

Large pitching green with clover-leaf design and two tiers for better visibility

Greenside bunkering to add difficulty

Fairway cut into bank to emphasise form and gather shots

The Problem...

How we developed the Multi Shot Golf Range Concept

Woodland has worked alongside a large number of golf clubs, golf centers and independent golf driving ranges across the UK. Every driving range we studied lacked an inspiring target outfield that invited golfers to practice using every golf club available.

It is not uncommon to see someone hitting drive after drive in a bid to try and impress bystanders with their long shots. This however, is not good golf practice. Too many drives can ruin the swing rhythm of the golfer as it is inevitable that he/she will speed up, searching for that perfect tee shot. The driver is also the most energetic of golf swings and can quickly tire out the golfer, which will also deteriorate the quality of practice.

Woodland set about developing a new, revolutionary driving range concept that would offer a high quality practice experience and also address other operational issues associated with driving ranges.



Poor drainage and irrigation system



Degraded traditional floodlight



Flat and Uninspiring Target Facility



Poor driving range facility



Poor facility in need of modernisation



Outdated and degraded tee mat

Typical problems we encountered:

- Flat uninspiring driving range outfield
- No visual stimulation
- No quality teaching facility
- Poor ball containment
- Flood lights adversely affecting neighbouring properties and roads
- Poor drainage
- Poor irrigation
- Poor turf condition
- Ball collection issues

MULTI SHOT RANGE

In collaboration with an accredited member of the European Institute of Golf Course Architects, we set about developing our unique Multi Shot Golf Range concept.

To develop the concept we studied scratch golfers out on the course. The example score card (right) shows the associated club selection for each hole along with the percentage ratio of each club used. It is interesting to find that the driver is only used 9 times or 13% of the total shots played. The club used most is the putter, being used 36 times or 50% of the total shots played. The mid to long irons (3 Iron – 7 Iron) were also heavily used, equating to a total of 21 shots or 30% of the total shots played.

Interestingly, less able golfers require more shots to complete the course, using more iron play and putting, but not more driver shots.

Using data collected by PGADC, we determined the most suitable location for each elevated green to ensure the most effective design was delivered.

“Using data collected by PGADC, we determined the most suitable location for each elevated green to ensure the most effective design”

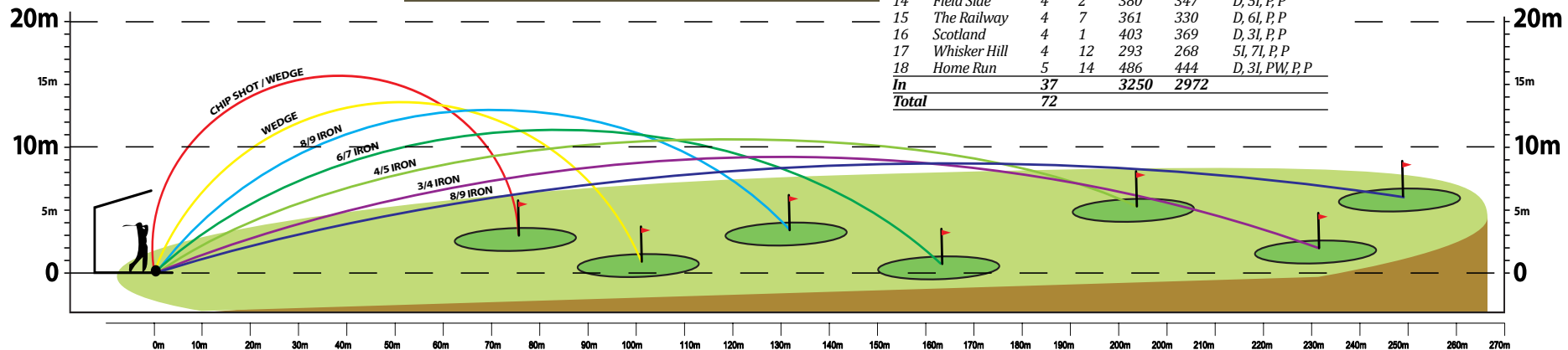
Maximum Shot Height / length (metres)

Source: PGADC, Spalding and F Werner, R Gregg (2003)

	Good Golfer	Average	Poor
Driver	33 / 257	15 / 198	9 / 163
3 wood	34 / 244	16 / 189	9.5 / 154.5
3 iron	42 / 204	20.5 / 165.5	13 / 140
4 iron	46 / 192	24 / 157	15 / 133.5
5 iron	48.5 / 179	26 / 148	16.5 / 126
6 iron	50 / 163	28 / 135	18 / 116
7 iron	51 / 146	29 / 122	19.5 / 105

Typical Scratch Golfer Score Card

Hole	Name	Par	SSI	Yards	Metres	Club Selection	Club	Shots	% Use
1	Forest View	5	11	487	445	D, 3I, PW, P, P	Driver (D)	9	13
2	Forty Steps	5	8	493	451	D, 5I, 7I, P, P	3 Wood (3W)	1	1
3	The Dell	3	18	135	123	7I, P, P	3 Iron (3I)	7	10
4	Bunker Bound	3	5	195	178	3I, P, P	4 Iron (4I)	1	1
5	Morning Mist	4	9	362	331	D, 6I, P, P	5 Iron (5I)	7	10
6	Babworth Drive	4	6	333	304	3I, 5I, P, P	6 Iron (6I)	2	3
7	Rhododendron	4	13	276	252	4I, 9I, P, P	7 Iron (7I)	4	6
8	The Dyke	4	3	380	347	D, 5I, P, P	8 Iron (8I)	1	1
9	The Alps	3	16	130	119	7I, P, P	9 Iron (9I)	2	3
Out		35		2791	2552		Pitching Wedge (PW)	2	3
10	Sky Lark	5	4	512	468	D, 3I, 8I, P, P	Sand Wedge (SW)	0	0
11	The Gorge	3	17	160	146	5I, P, P	Putter (P)	36	50
12	The Beeches	4	15	332	304	3I, 5I, P, P		72	100
13	The Pond	4	10	323	295	3W, 9I, P, P			
14	Field Side	4	2	380	347	D, 5I, P, P			
15	The Railway	4	7	361	330	D, 6I, P, P			
16	Scotland	4	1	403	369	D, 3I, P, P			
17	Whisker Hill	4	12	293	268	5I, 7I, P, P			
18	Home Run	5	14	486	444	D, 3I, PW, P, P			
In		37		3250	2972				
Total		72							



The Solution

The Multi Shot Range explained.

The fundamental design of a Multi Shot Range is based around the creation of two gathering fairways, separated by and shaped into mounded semi-rough surrounds.

This feature really helps to focus a golfer's distance shots onto the target areas.

- Distant greens are set up into the end perimeter mounding, to maximise visibility from the driving range bays
- By using shaping, bunkering and mowing, we highlight the form of the fairways to emphasise the main target areas
- A long-iron green will typically be set into the 'nose' of the higher ground that separates the two fairways
- Other greens are strategically positioned to ensure that the fairways can be clearly viewed from most range bays

Target Green Distances:

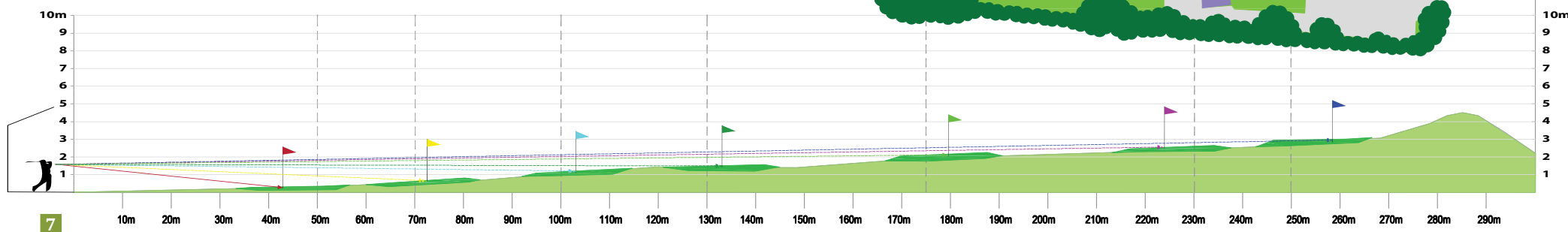
- 35 - 50 yds
- 55 - 70 yds
- 80 - 100 yds
- 115 - 130 yds
- 155 - 175 yds
- 210 - 230 yds
- 230 - 250 yds
- 180 yd carry
- Driver Play Line
- Iron Play Line

Target Green Heights Above Bays (assuming existing terrain is level).

- 0.25 metres
- 0.50 metres
- 1.00 metres
- 1.50 metres
- 2.00 metres
- 2.50 metres
- 3.00 metres



The tiered design of a Multi Shot Range creates target greens at rising heights above the level of the bays. Placing near distance greens at a low height and long distance greens at a high height ensures maximum visibility of all greens on the outfield from each driving range bay.



MULTI SHOT RANGE



Typical Layout

- Two greens at around 40-60 yards, for chip shots
- A large green complex with multiple target areas at 90 - 120 yards, for full pitches
- A 150 yard green, typically for middle irons
- A 200 yard green, typically for long irons
- Two distant greens for wood practice: ideally at 250 yards on the right-hand fairway and, if space permits, at 275-300 yards on the left



Typical Green Specification

- Greens are raised and angled to maximise visibility
- Chipping greens c.100m² to demand precise shots while minimising visual interference with other targets
- A pitching green, typically a clover-leaf design of c.800m², with shaping and bunkering to encourage the golfer to practice a variety of shot types from high pitch to low run
- Middle-iron greens typically 300m² and distant greens 500m² or more



Gradient Specification

The target outfield is raised towards the rear of the range, gently tapering down towards the practice bays at a slope angle of approximately 3 - 5 %.

This tiered design ensures each target green is visible from every range bay but is also important for efficient drainage of surface water.

Multi Shot Range designs are completely bespoke and tailor-made to fit each individual driving range outfield. Using up-to-date computer software we can ensure that the potential of every design is maximised.



Build Packages...

Tailor the Multi Shot Golf Range to your needs

Standard 'MSR' Build Package:

Elevated Target Greens

5 – 8 target greens designed to each individual driving range size and shape.

The standard MSR package includes a variety of target greens set at different elevations to maximise the shot options available to the golfer.



Bunkers and Hazards

4 – 6 bunkers for visual stimulation and added range difficulty and practice scenarios.

Woodland build a number of sand hazards into the range design making the practice range more realistic, more interesting, and more appealing.



Drainage System

Implementation of a sub-surface water dispersement system.

Waterlogged ranges are both unattractive and difficult to maintain. The Multi Shot Range incorporates a sub-surface drainage system keeping the outfield perfect in all conditions.



Soft Landscaping and Tree Planting

To create a natural look, Woodland incorporates a soft landscaping scheme into all driving range and golf course redevelopment designs.

Trees and plants are selected to best suit the course and surrounding environment.



MULTI SHOT RANGE™

Bespoke Optional Extras:

Water Features

Shallow water features to offer a unique golf range hazard.

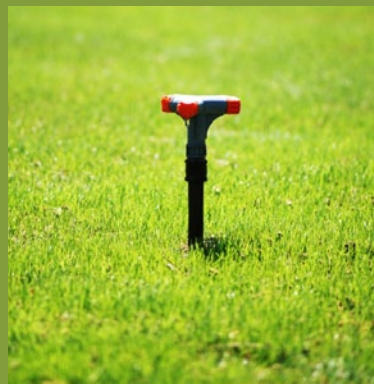
Woodland can create realistic course hazards such as water features to add more interest and extra levels of difficulty to your practice golf range.



Irrigation System

Fully integrated sub-surface irrigation system.

It is important to keep the golf range looking its best while ensuring that the grounds are kept in ultimate condition.



Self-collecting Ball Perimeter

Integration of a self collecting and ball cleaning perimeter channels.

Reduce the workload of the range Grounds Staff with the inclusion of an innovative golf ball collection solution.



Containment Netting

High transparency / low visibility containment netting.

Considering that most driving ranges are situated within green belt or metropolitan open land it is vital that netting is as unobtrusive as possible.



Berm Lighting

Outfield lighting units to reduce light pollution and improve golf range aesthetics.

The BERM system was recently installed at the historic St Andrews Golf Club in Scotland.



Delivery...

Where do we go from here?

➡ *Client Meeting* (with Woodland Golf Managing Director and dedicated Development Planner)

➡ *Initial Site Assessment* (Including Initial Planning Assessment)

➡ *Woodland Proposal*

➡ *Follow Up Meeting*

➡ *Contract Agreement*

➡ *Planning*

➡ *Development Build*

➡ *Range Completion*

Please note...

The above site meetings and site assessments are undertaken free of charge and with no obligation.

Contact...

Who to speak to find out more.

To discuss the MSR concept further and see how it could transform your driving range facility, please contact us at Woodland...

Marcus Blackburn BA. (Hons)
Golf Course & Landscape Architect

Email: marcus.blackburn@woodland.uk.com

Mobile: 07802 726 742
Telephone: 0208 327 3840

Woodland Environmental Limited
4 Elstree Way, Borehamwood, London WD6 1RN



MULTI SHOT RANGE



About Us...

Who are Woodland?



The soil recovery specialists...

Woodland's personnel have over 45 years combined experience in the handling of recovered inert soils for the purpose of restoration and construction.

We have completed 18 land restoration and land improvement projects across the UK. In the past, Woodland has offered a number of self-funded environmental solutions to clients with constrained sites and has worked in partnership with over 12 local authorities. Woodland is also the retained contractor for Europe's largest golf course owner Crown Golf PLC.

Woodland offers a 'Main Contractor' function to all of its clients which includes the following key services:

- Architectural conception and design
- Full planning permission & pre-application consultation
- Site set up and plant management
- Specialist earthworks and full scheme build
- Project management and site staffing
- Aftercare management strategy

Woodland Golf Build remains one of the most well established and reputable soil recovery specialists within the UK, especially London.



Case Studies

Previous Woodland Golf Build Projects

Crown Golf PLC...

Chelsfield Lakes Golf Club

New 9 hole academy golf course build

Chesfield Downs Golf Club

Remodel existing driving range

Cotgrave Golf Club

Remodel existing golf course and driving range

Grassmoor Golf Club

Remodel and landscape 18 hole golf course

Chingford Golf Range

Remodel driving range

Chalgrave Manor Golf Club

Construct irrigation reservoir / remodel golf course

Canon's Brook Golf Club

Remodel and landscape existing 18 hole golf course

Not just golf...

Aside from the many golf courses we have developed, Woodland has also successfully constructed and regenerated six country parks for five separate London Borough Council's, including Hillingdon, Ealing and Bromley. Finally, we have also helped to create other leisure facilities such as shooting clubs, skiing lakes and trout fisheries.





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For more information, please contact:

marcus.blackburn@woodland.uk.com

Mobile: 07802 726 742

Telephone: 0208 327 3840

Woodland Environmental Limited

4 Elstree Way, Borehamwood, London

WD6 1RN