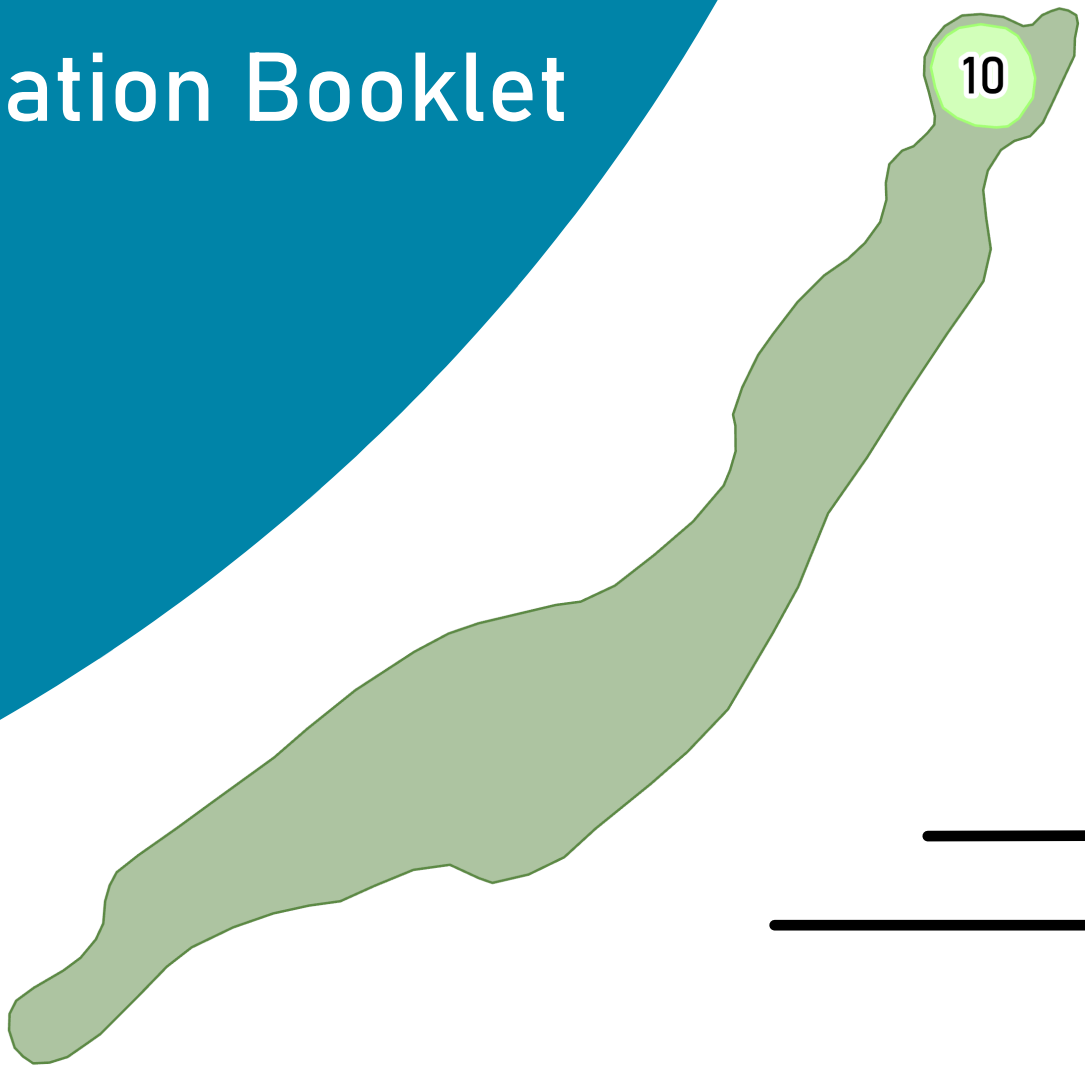


Golf Course Mapping



Information Booklet



BASELINE
MAPPING

What is in a Golf Course Map?

A golf course map shows you what you have and where it is. Using imagery and your knowledge, we create an accurate representation of your course and put it into the Baseline Map. We start by separating the different land areas:

 Green	 Bunker	 Buildings	 Water
 Fairway	 Tee	 Service	
 Rough	 Bush	 Tracks	

Separating these areas gives you finer details on what you have. By doing this over the entire golf course, you are provided with the individual and total areas of each land use. In addition, we layer the hole numbers and features such as water tanks, buildings, powerlines, waterlines, drainage sumps and hazards. (See the full list on Page 4)

How we mark out features and split land use areas is up to you. By the end of the process (See Page 3) we provide you with the golf course map you want and will use. On top of the Baseline Map, we create focused maps (See Pages 5-8), as well as being open to custom maps if you request this. The goal is to create maps that work best for you.

Baseline: Non-Imagery



Why would you get one?

The maps are nice to look at, but why is it worth your time and money to get them created? If you don't have one or have an outdated one that is insufficient for your needs, then here are some reasons that make this worth it for you.

Saving and earning money - Having accurate green, tee and fairway areas means you can adjust your fertiliser and other application rates to improve efficiency and minimise waste, saving you from buying more fertiliser than you need, and avoiding over or under application errors.

Getting everyone on the same page - While you may know the golf course like the back of your hand, your workers, contractors and anyone coming on site aren't as familiar. By having a map, everyone can see where they need to go, and what is relevant to them. Being able to clearly show this saves time and reduce errors.

Plan future development - Its hard to plan for the future without knowing what you have first. Seeing your golf course split into the different land areas helps you mark out any future changes to improve operations, whether its adjusting cut lines, putting in new trees, or meeting new compliance standards.

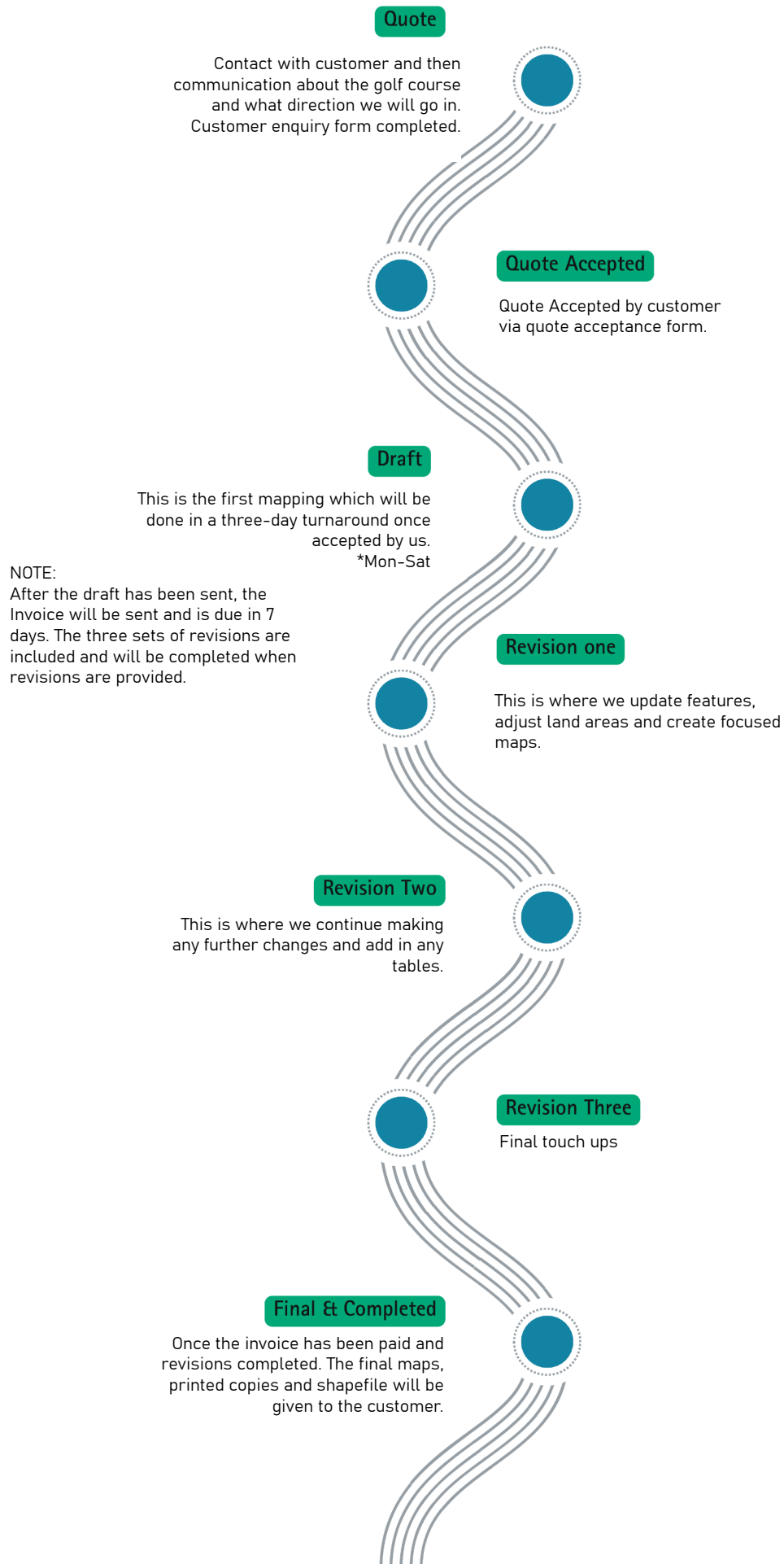
Record keeping - For utility features like waterlines and irrigation, having an agreed upon record of this allows current and future workers and owners to know without having to dig for the waterpipes themselves.

Baseline: Imagery









Eagle Technology, LINZ











How does it work?





Feature Points

	Ball Washer		Gas Line
	Benches		Generic Hazard
	Bore		HazChem
	Building		Historical Significance
	Composting		Irrigation Head
	Defibrillator		Machinery
	Disposal Pit		Power Pole
	Drainage Sump		Practice Green
	Drive Range		Telecom Pole
	Ecologically sensitive area		Toilet
	Electrical Power		UG Power Lines
	Emergency Meeting Points		Water
	Entrance (Alternative)		Water Hydrant
	Entrance (Main)		Water Pump
	First Aid		Water Tank
	Fuel Tank		Water Valve
			Well

Feature Lines

	Drainage Line
	Gas Line
	Hazard
	Overhead Power
	Railway
	Road
	Track
	Underground Power
	Waterline
	Waterway

Feature Polygons

	Hazard Area
	Restricted Vehicle Area

Focused Maps

Waterlines: Non-Imagery



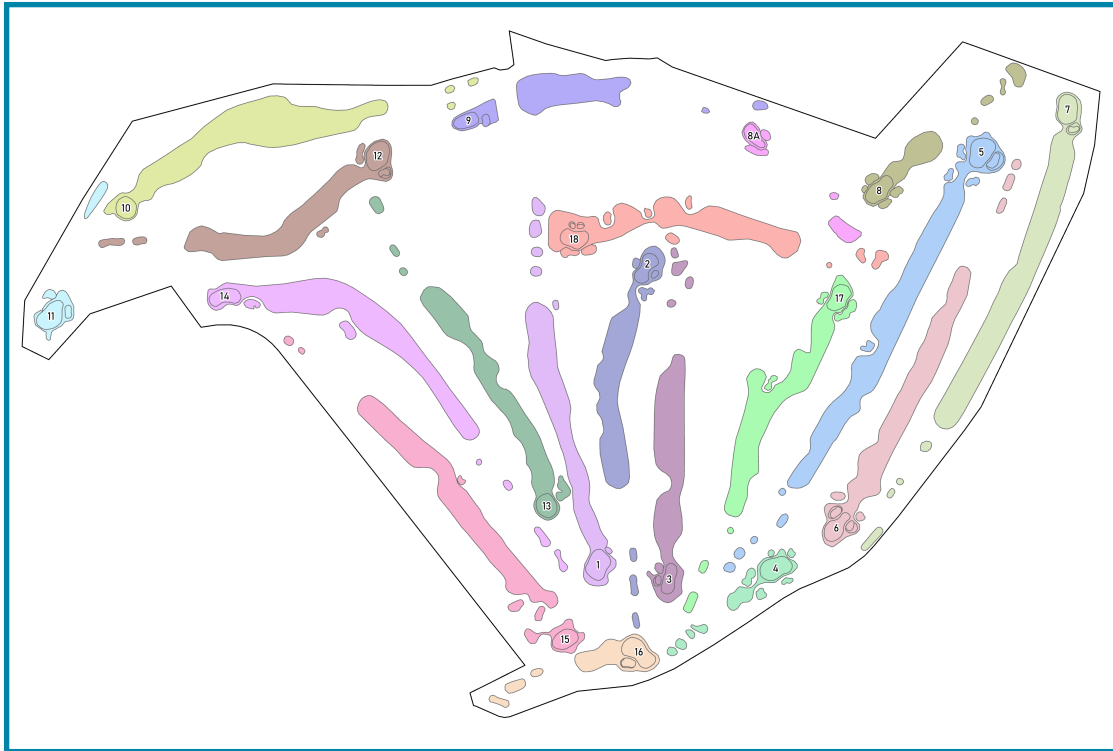
Knowing where the waterlines and irrigation heads are can save a lot of digging and frustration when issues occur. After the initial draft, if you mark out where the waterlines and irrigation heads are we can add them into a focused map for you, so that anyone can quickly see where they should be looking. In addition, if you have separate lines for different areas we can make them different colours as shown here so that if you know you have a leak or issue with one line, you know what other holes are going to be affected.

Waterlines: Imagery



Eagle Technology, LIN2

Holes: Non-Imagery



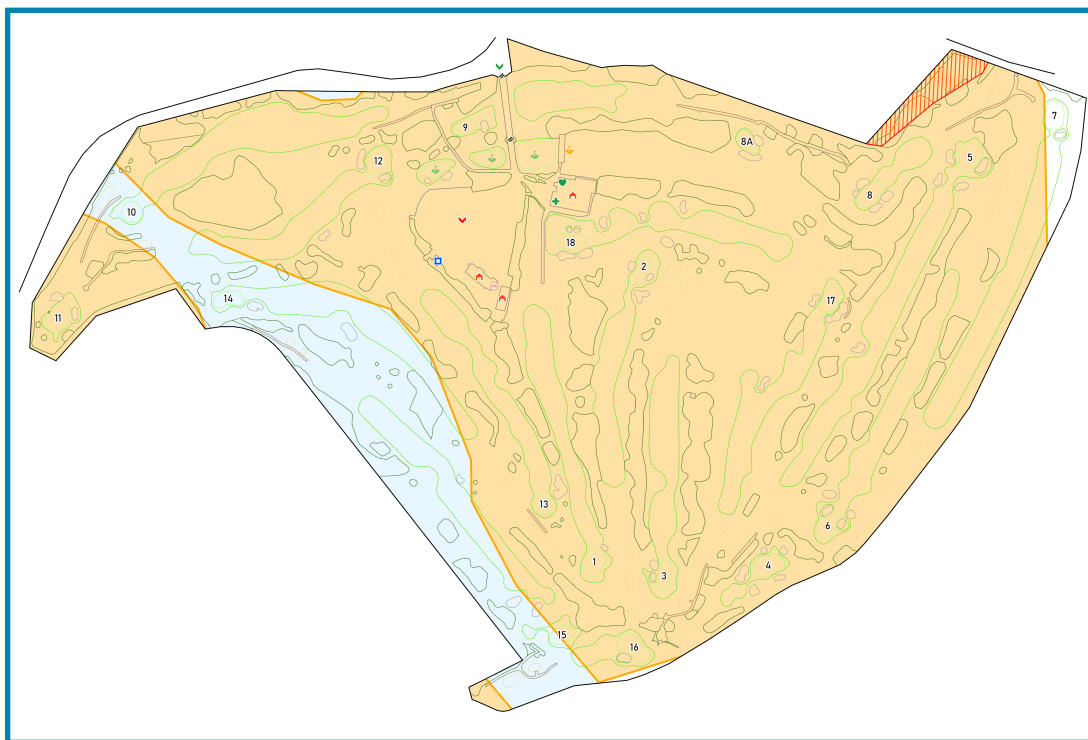
We can highlight the individual holes tees, fairways, bunkers and greens.

Trees: Imagery

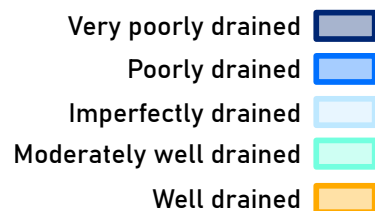


If you have a tree inventory then we can show the different varieties or in the case above show the location of Natives and Exotic trees. We can also add in notable trees, points of interest and donated items.

Drainage: Non-Imagery



Manaaki Whenua Landcare Research has a Drainage database available that gives a rating on the soil over your golf course. These maps are a free addition and will often highlight key areas of poor drainage.



Drainage: Imagery



Eagle Technology, LINZ

Soil Order: Non-Imagery



Manaaki Whenua Landcare Research has a Soil Order database available that states the known soil order over your golf course. These maps are a free addition and will highlight differences in soil orders.

Allophanic		Melanic		Pumice	
Anthropic		Organic		Raw	
Brown		Oxidic		Recent	
Gley		Pallic		Semiarid	
Granular		Podzol		Ultic	

Custom



If you have a different need or idea for a focused map, please let us know, and we can create it for you.

What do you get?

- A3 PDFs of Baseline and Focused maps
- Digital Shapefile - this can be added to any GIS software you use
- A3 Laminated physical copies of both Baseline: Imagery and Baseline: Non-Imagery.

If you want more printables such as whiteboards, map pads and additional laminated printed then get in touch for prices.

If knowing what you have and where it is, and maximising your golf course operations is what you are after then we would love to help!

For any questions or enquiries please email us at office@baselinemapping.co.nz or for a callback submit the customer enquiry form linked below:

<https://form.jotform.com/250151823018043>

