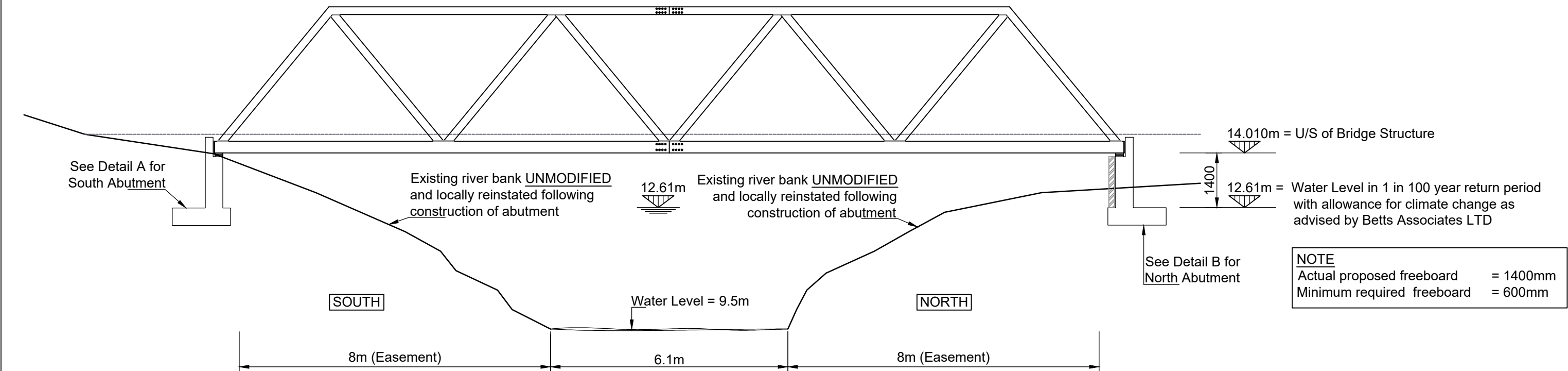
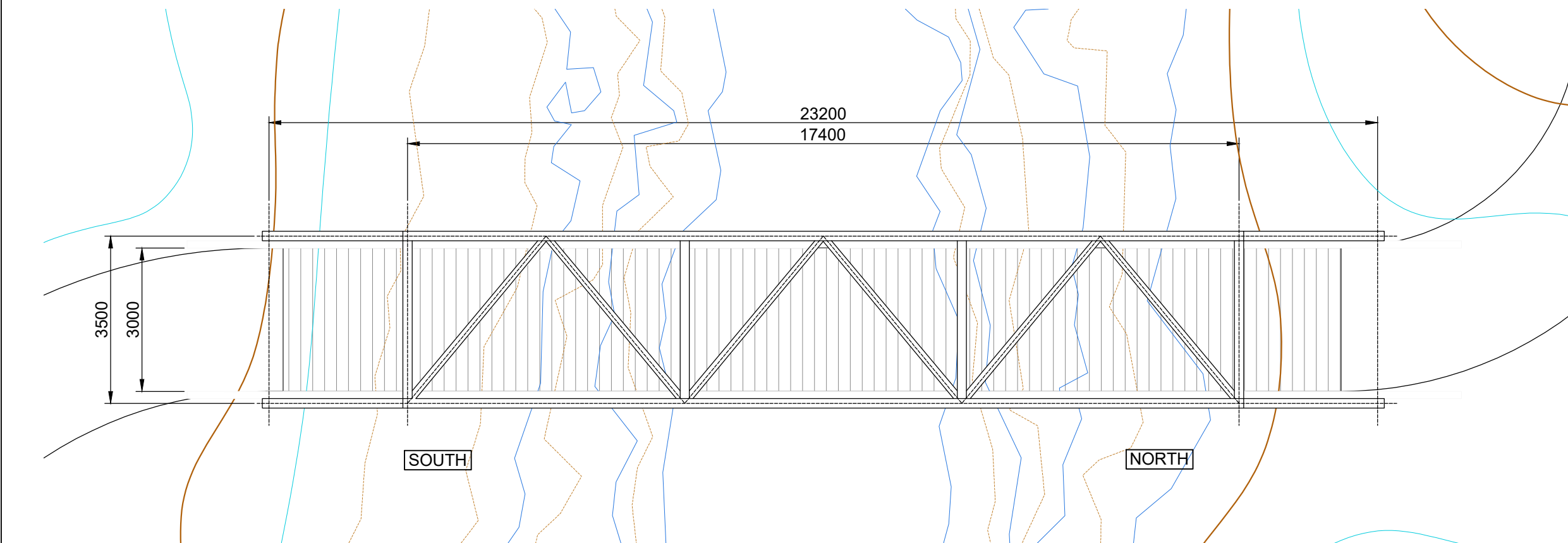




LOCATION PLAN
(NTS)



ELEVATION ON BRIDGE
Scale 1:100



PLAN ON BRIDGE
(NTS)

NOTES ON METHODOLOGY

Works in the watercourse
The drawing illustrates that the works can be achieved substantially without any access to the watercourse. Work will be primarily carried out by machines working on the landside and only nominal access by personnel may be required to the watercourse.
The following precautions will apply:

- The 'watercourse' is considered to be any point which is on the riverside of the toe of the existing boundary wall. Any man access to this area will be tightly controlled and managed to prevent accident.
- Sand bags will be placed along the affected length to isolate the works from the watercourse.
- The Main contractor will be required to consult the Environment Agency website on a daily basis to obtain weather reports to ensure that planned works can be completed safely. Work should be suspended during times of high flow.
- In times of heavy rain operatives must be vigilant and observe water levels. If water become high or fast flowing the work area will be vacated immediately.
- A sufficient number of site staff will be present at all times to ensure that all personnel operating within the channel are supervised throughout.
- Appropriate PPE such as harnesses will be available and used where necessary. Before entry in to the river channel personnel will be tied to a secure point on the landside by safety harness and lanyards.
- Excavators will be located such that they do not risk overturning or instability by surcharging existing retaining structures or temporary earth slopes.
- All existing utilities maps/plans must be sought and CAT scanning carried out prior to commencement of works to locate any below ground services.
- No electrical equipment will be permitted in the river channel/water course.

Temporary works

Before any works begin sand bags will be placed along the affected length to isolate the works from the watercourse. The intention of this precaution is to prevent any debris, silt or foreign material from entering the river.

The sand bags will remain in place during the course of the works which is expected to last around 3 months.

No other temporary works are required in the river channel.

Use of machines

A mechanical excavator, working exclusively on the landside, will be used to excavate a trench for the new foundations. No disturbance of the river bank is necessary.

No mechanical plant will be refuelled on the site. Fuel or oil will not be stored on site.

All fuel-powered plant will be fitted with drip trays

Hydraulic oil lines to the excavator will be serviced prior to the works and inspected daily for leakages.

Machines will access the site from the car park and at no time will any mechanical item enter the watercourse.

Prevention of pollution

The measures described in the sections above explain how pollution will be prevented from entering the watercourse.

- In the event that a pollution incident (eg a fuel spill) occurs the following steps will be taken:
- The Environment Agency will be informed immediately.
 - The spillage will be isolated if possible and prevented from spreading by bunding etc.
 - The affected area will be thoroughly cleaned and polluted material will be disposed from site and taken to a licensed tip.

Restoration of the river bed or banks

No disturbance of the river bed is necessary and disturbance of the bank will be kept to an absolute minimum requiring no restoration works. Any debris or foreign material will be removed from the river bank and the area tidied before the sand bags are removed.

Imported materials

The reinforced earth embankment will utilise, where suitable, the existing fill material excavated from below the car park. These arisings will be screened and sorted before re-use. Any deleterious or contaminated material will be removed and taken to a licensed tip. Any stockpiling will be kept remote from the watercourse and removed from site on a daily basis.

If additional fill material is required this will be clean fill competent 6F2 material carrying appropriate WAC certificates.

NOTES

- Do not scale from this drawing
- This drawing is copyright and is sent to you in confidence. It must not be copied, used or disclosed, in whole or in part, to third parties without written permission. It remains the property of Booth King Partnership Ltd. and must be returned on request.
- This drawing is to be read in conjunction with all relevant contractual documents.

PRELIMINARY

P1	11.02.20	FIRST ISSUE	HLQ
REV	DATE	REVISION DETAILS	INITIALS

bk

boothking

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PROJECT:
KIRKBY VALLEY GOLF CLUB

TITLE:
**PROPOSED GOLF BUGGY BRIDGE
(Sheet 1 of 2)**

SCALE @ A1: DRAWN:	DATE:	REVISION:	STATUS:
As Shown HLQ	FEB 2020	P1	/

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