

NOTES

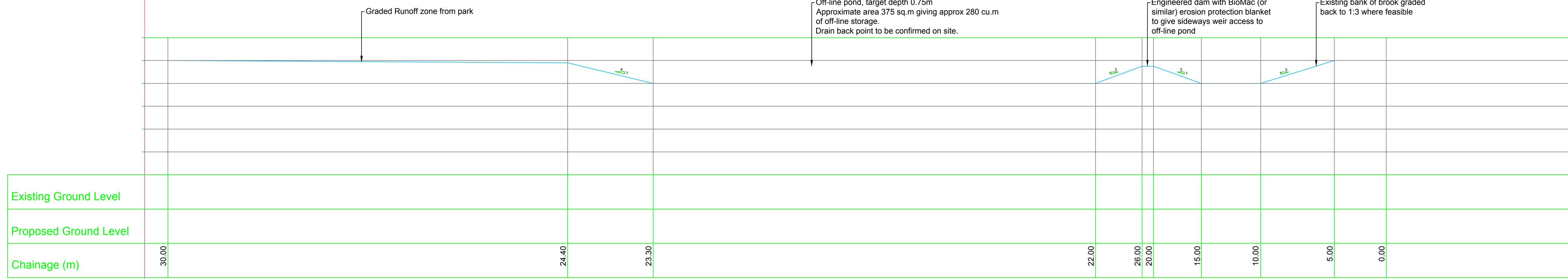
1. The proposed open channel works lie almost entirely beneath an existing run of overhead power cables. This means that any excavating machinery used with elevating arms will have to be worked with chains and a suitable exclusion zone will need to be established.

In accordance with GS6 the minimum clearance necessary is 3m vertical from the lowest point of the cable catenary and 9m from the outside cable. "H" frames should be used to denote this, and signage is required to inform site staff of the risk. This should be further transmitted by means of "Toolbox Talks" at the start of and during the works.

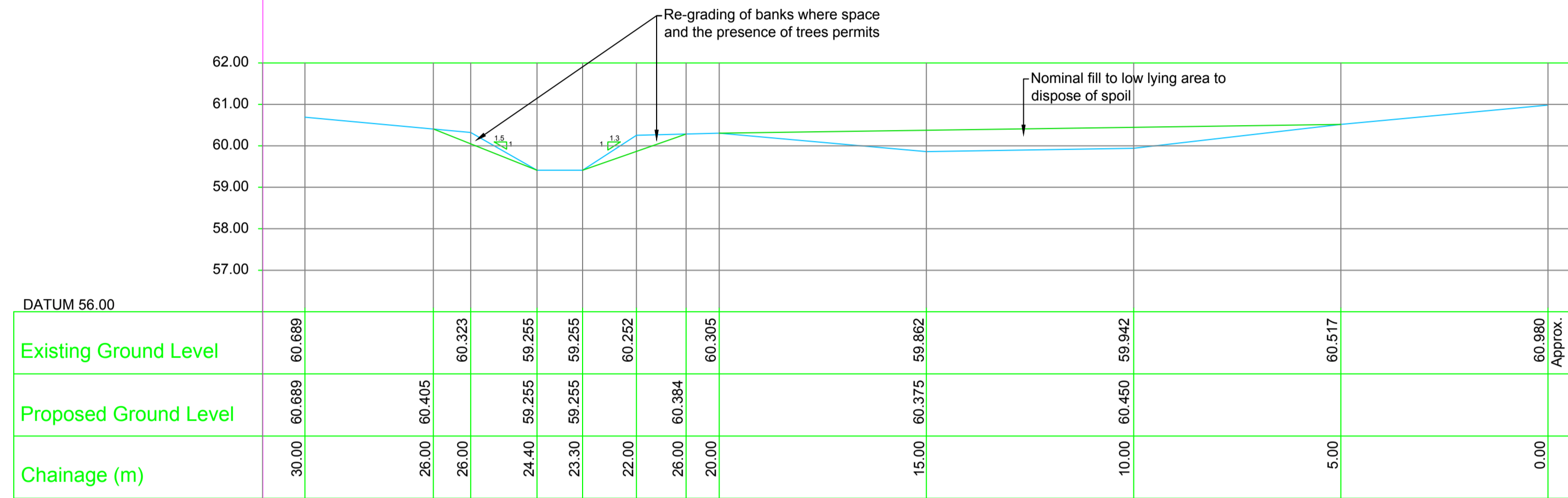
Where the exclusion zone precludes the use of heavy machinery, or where the costs become prohibitive, it may be necessary to hand dig.

2. The proposed Gabion wall is intended to slow the flow of water in the main watercourse channel, should extend sufficiently far in to the sides and base of the channel as to be stable under extreme flow conditions. The 450mm diameter hole is intended to allow normal flows and lesser flood flows through into the new open channel section.

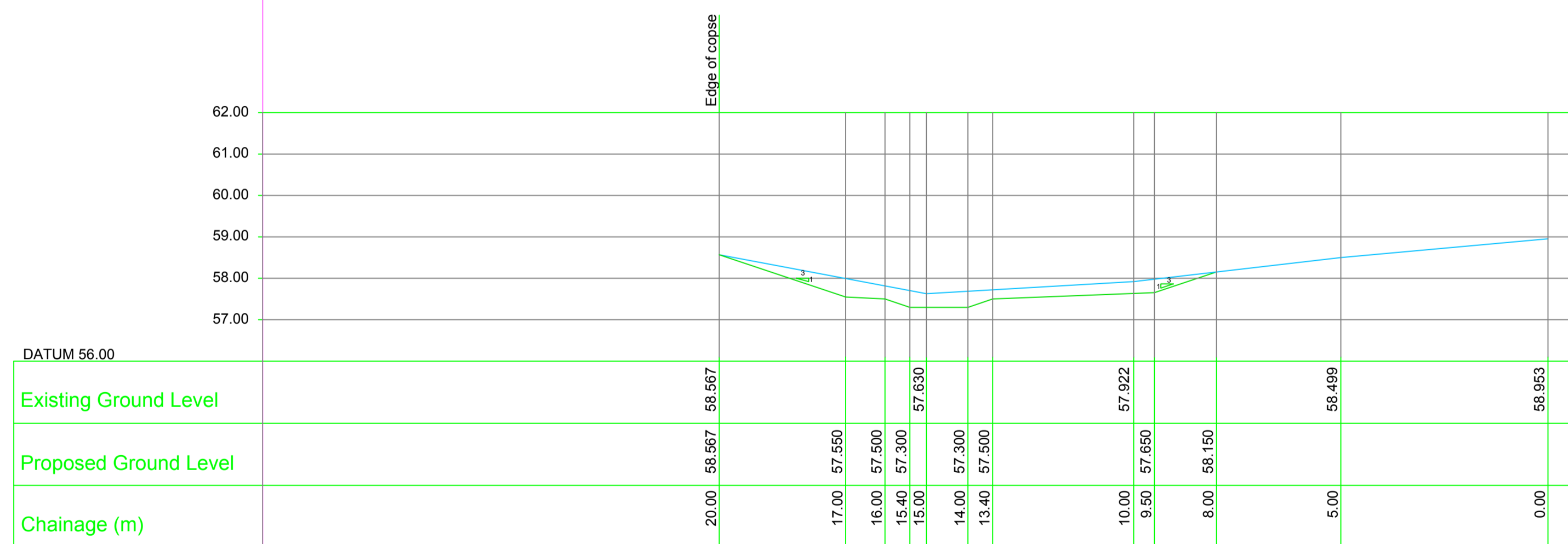
3. The bund to be created at the lower end of the open section is to provide a barrier to flood water, thus protecting the downstream property from flooding. It is also intended that this be a home for material excavated as part of the works. Other excess material will be used to fill low lying areas of the site and to create a pleasant, natural-looking area for pedestrians and animals alike.



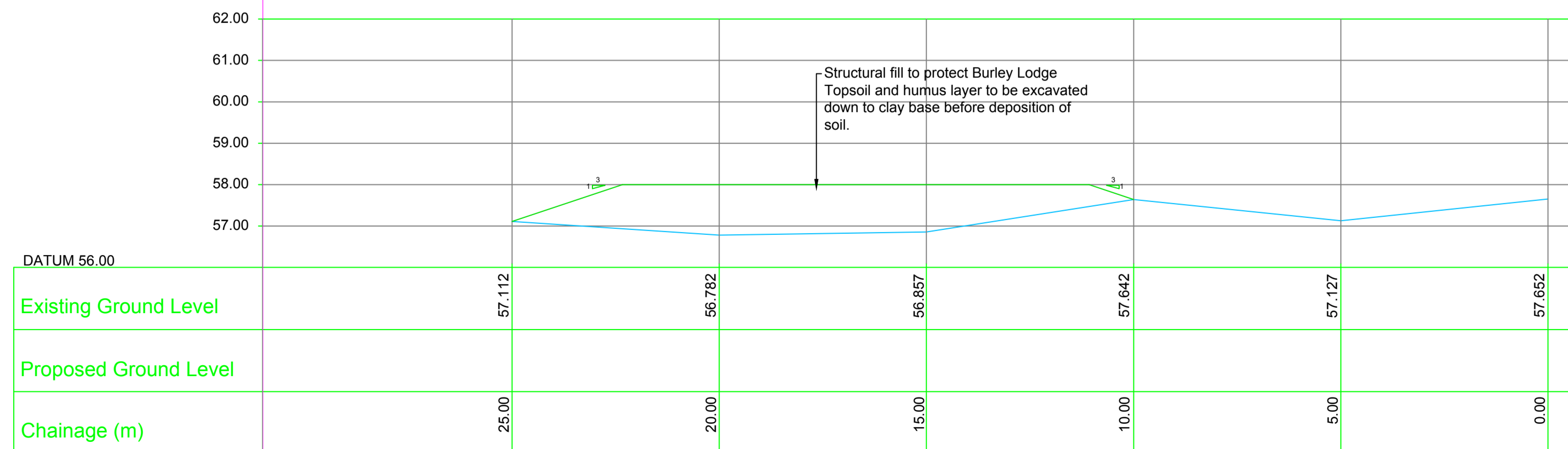
Indicative section through pond - Section 1-1



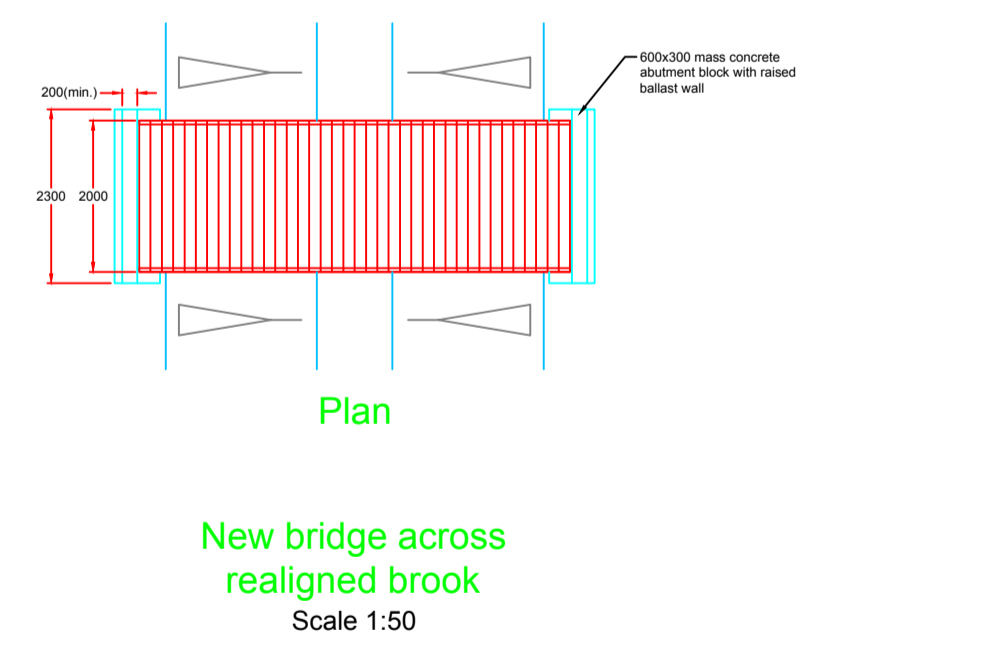
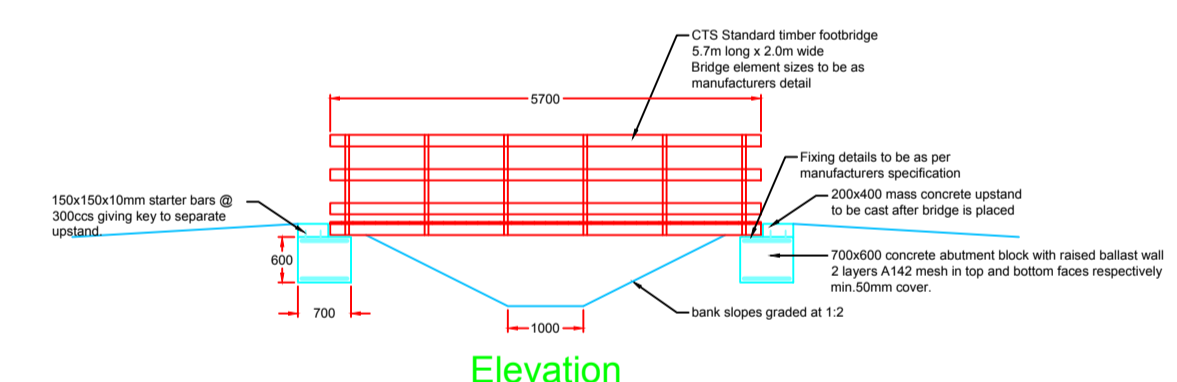
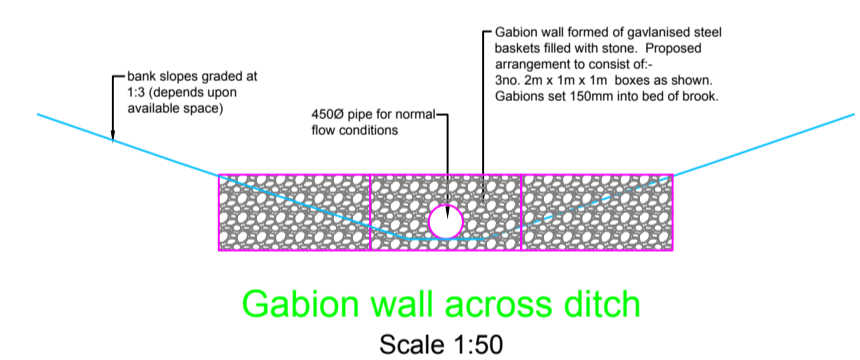
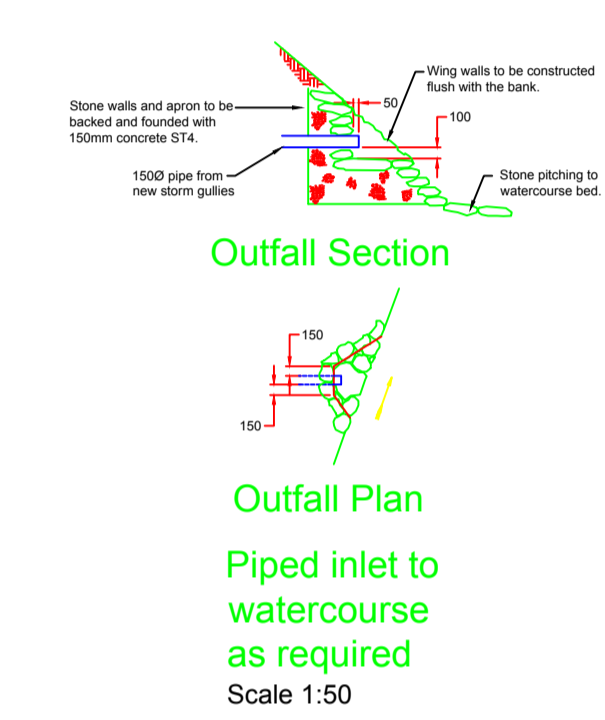
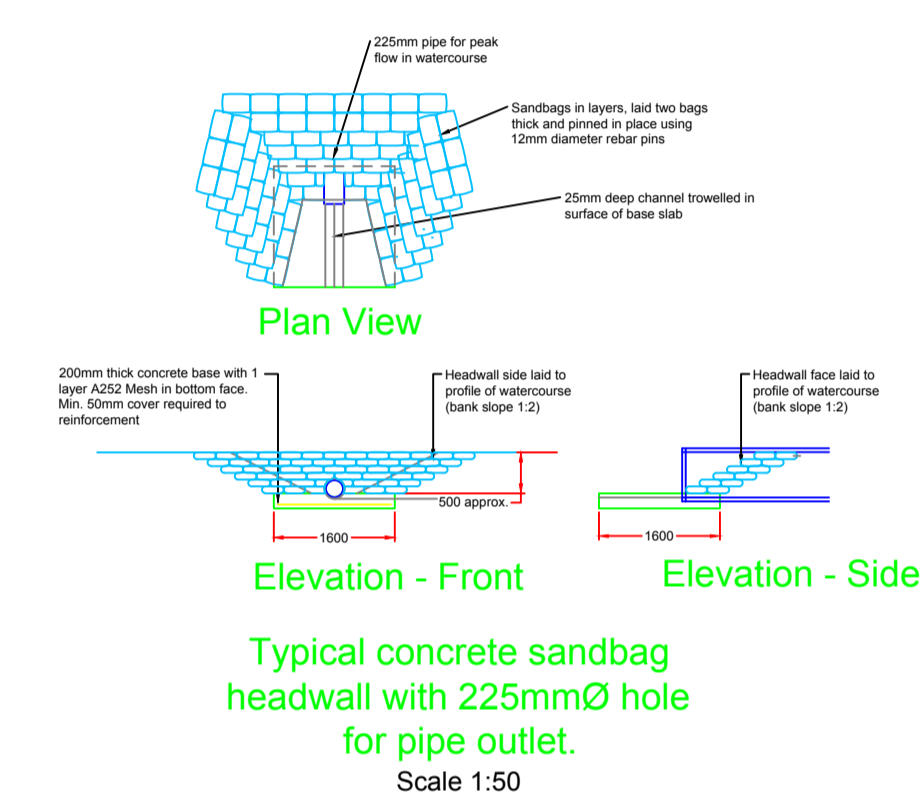
Section 2-2



Section 3-3



Section 4-4



Footbridge and abutment details added		MHB	16.03.18	A
AMENDMENT DETAILS				
DRAWN BY	CHECKED BY	APPROVED BY	SCALE	
MRHB	KT	KT	1:100	
DATE	DATE	DATE		
01/18	01/18	01/18		
ORIGINAL DRAWING SIZE 641 x 594 (A3)				



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PROJECT TITLE	
BURLEY BROOK MANAGEMENT SCHEME ALLESTREE	
DRAWING TITLE	
PLAN OF BROOK DIVERSION LOWER SECTION SECTIONS AND DETAILS	
PROJECT REFERENCE NUMBER	LD10146
DRAWING NUMBER	202
REVISION	A

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