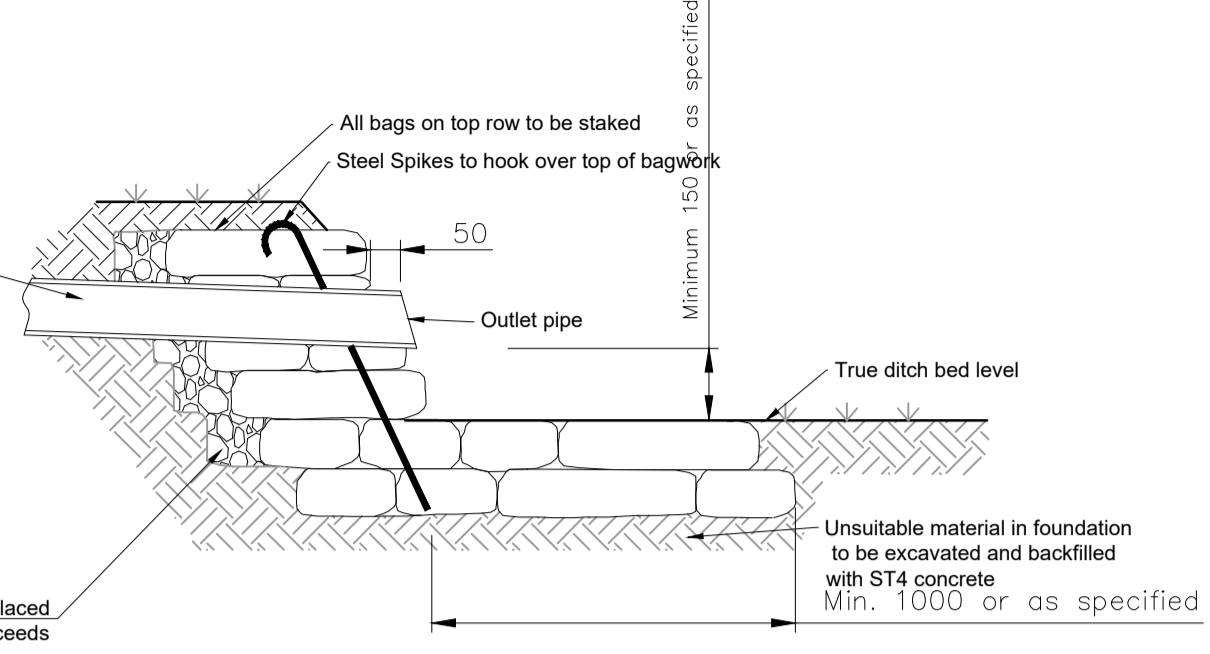


**ELEVATION OF HEADWALL
 OUTFALL TO BASIN**
 Scale 1:20



**HEADWALL SECTION
 OUTFALL TO BASIN**
 Scale 1:20

NOTES

- Bags shall be of Hessian and shall be of a size to provide a wall thickness of 500mm
- Concrete bagwork shall be to Clause 519 and be three quarter filled with 25mm slump ST4 concrete immediately prior to placing with the ends sewn.
- The bags shall be placed in a modified Flemish bond so as to 'break joint' with the mouths away from the surface and be tamped into position to form a rectangular block
- Extent of outlet protection to be the greater of 1500mm or pipe diameter + 1200mm spanning the outlet pipe.
- Headwall design may need to be adjusted to on site conditions following approval from ADC Engineer.
- Ditch to be regraded as requested.
- All exposed pipework to be certified UV stable.
- Pipe details to be as specified on supporting drawings.
- All bags on top rows to be steel spiked.
- True bed level is established in agreement with the Local Authority engineer and needs to take account existing upstream and culvert invert levels and hard bed levels of the watercourse.

Disclaimer
 This drawing is to be read in conjunction with all other relevant drawings and specifications. Do not scale off this drawing. Use figured dimensions only. All levels and dimensions to be checked on site. All levels and dimensional discrepancies are to be brought to the attention of the Engineer. This drawing may only be used for the client and location specified in the title block. It may not be copied or disclosed to any other third party without the prior written consent of Chartway Group. The Engineer is to be contacted regarding the current status, revision or approval of this drawing. The satisfaction of the PREMIER/NHBC or Local Authority not withstanding anything shown or indicated on these drawings. All workmanship and materials to be the best of their respective kind and at least equivalent of the appropriate British Standard Code of Practice. All relevant dimensions and levels to be agreed and checked and verified on site. All structural engineers design details. Do not scale off this drawing. Use figured dimensions only, all dimensional discrepancies to be brought to the immediate attention of the Engineer. MISDESCRIPTORS ACT 1991. Buyers are warned that this is a working drawing and is not intended to be treated as descriptive material describing, in relation to any particular property or development, any of the specified matters prescribed by any order made under the above act. The contents of this drawing may be subject to change at any time and alterations and variations can occur during the process of works without revision of the drawing. Consequently the layout, form, content and dimensions of the finished construction may differ materially from those shown. Nor do the contents of this drawing constitute a contract, part of any contract or warranty.

- GENERAL NOTES:**
- All dimensions to be checked on site. All details and dimensions relating to sub-Contractors work must be checked and agreed between the sub-Contractor or supplier and the general Contractor.
 - This drawing is to be read in conjunction with all relevant Architect's and Engineer's drawings and specification.
 - The main Contractor is responsible for ensuring the stability of the structure whilst the works are in progress.
 - Any information given regarding existing underground services is given in good faith after consultation with the relevant authority. No liability is accepted by the Consultant and the main Contractor is responsible for obtaining and checking all information and taking due care and attention whilst undertaking the works.
- All areas of live traffic and pedestrian movements shall be subject to appropriate traffic management barriers and signs.
 - Access points onto live public highway.
 - Unauthorised access to the site must be prevented at all times
 - Existing road drainage to be maintained.
 - Be aware of possible live drainage flows and foul effluent during construction. The Contractor shall assess and implement a safe working system and equipment (PPE) as necessary.

The above residual risks are for non-standard hazards. It is assumed that a competent contractor familiar with the construction of this type of work will be appointed who will be aware of the standard hazards.

Rev.	Description	Date	By

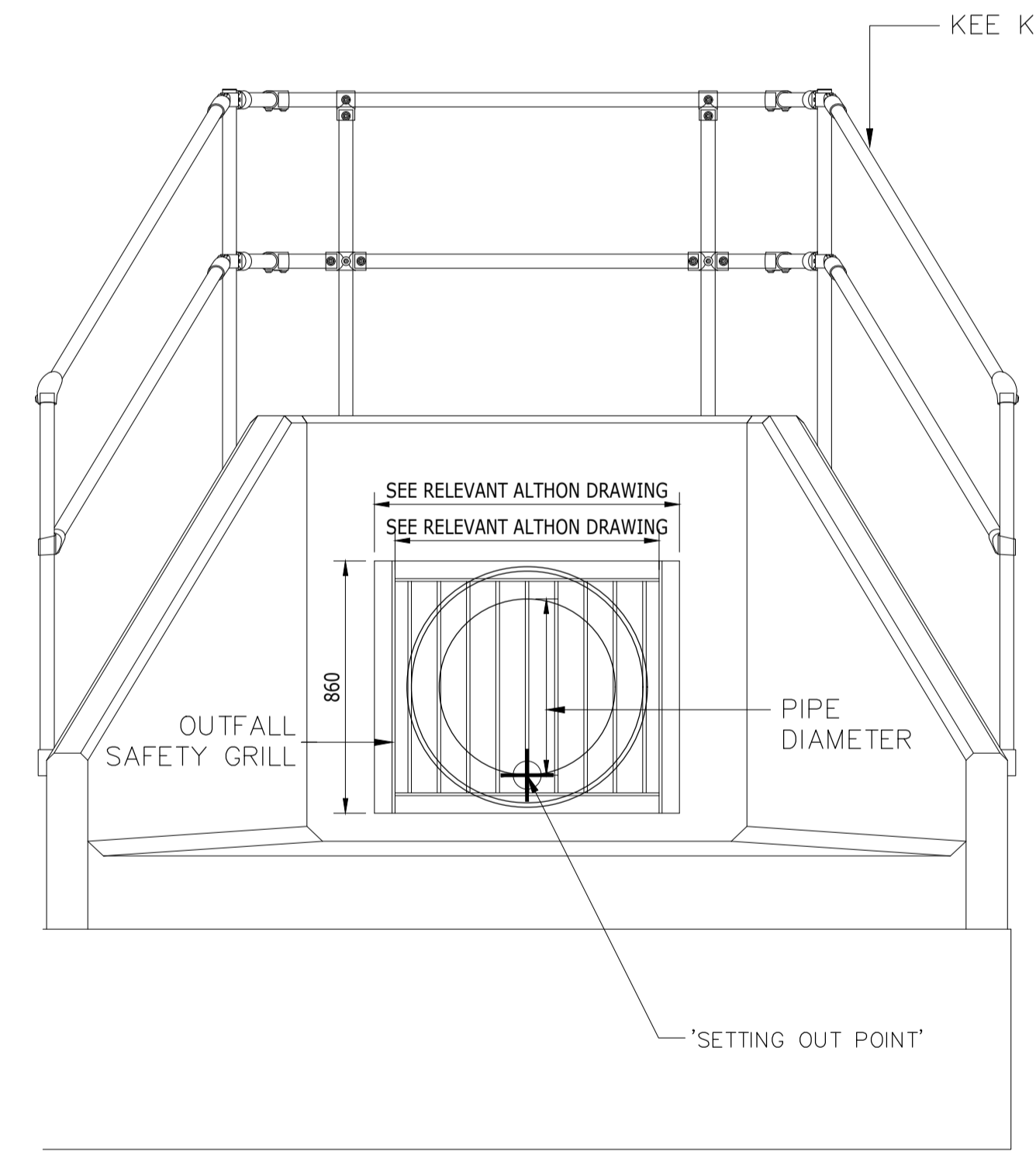
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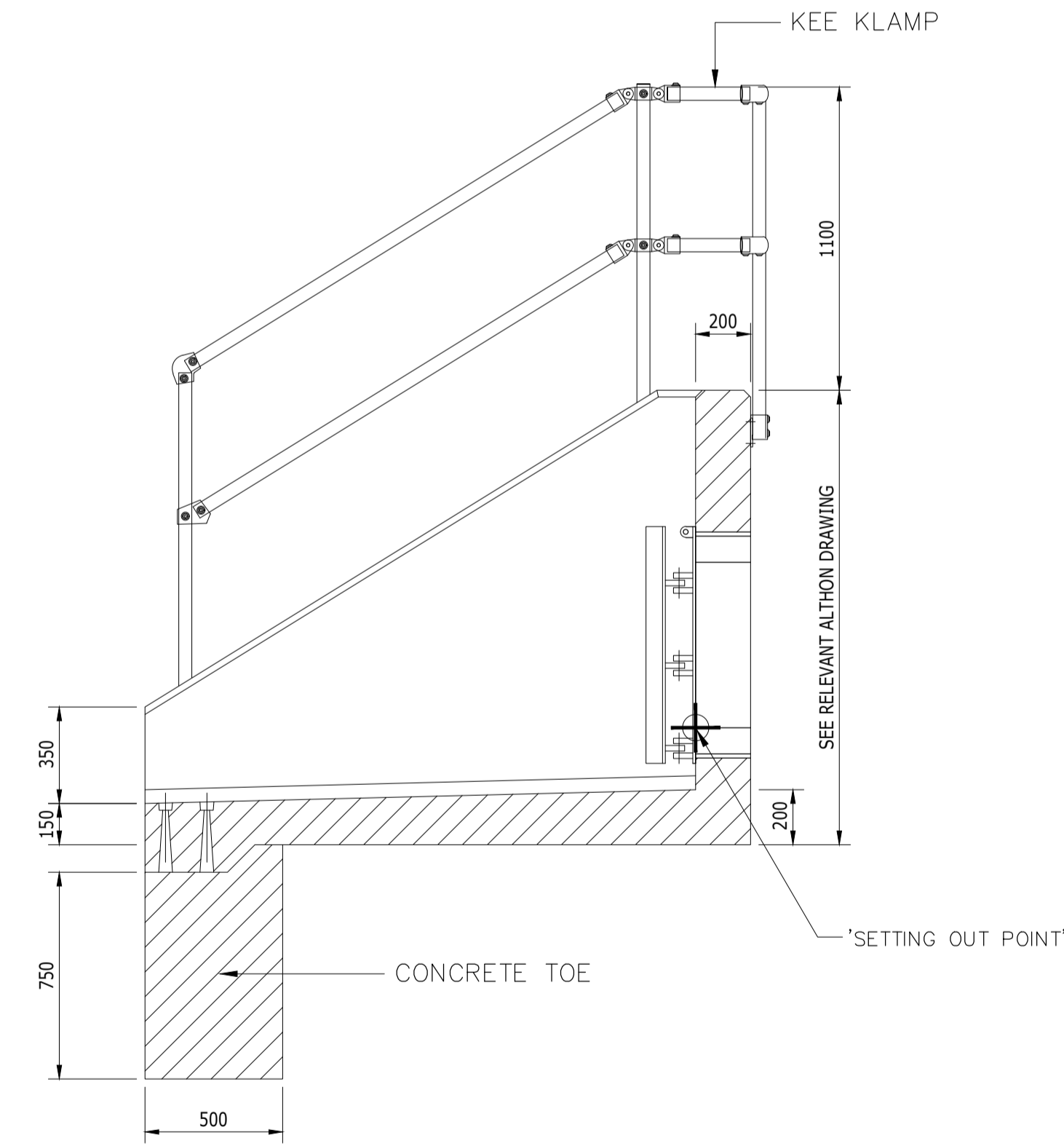
Drawing Title:
**SITE WIDE
 DRAINAGE CONSTRUCTION
 DETAILS SHEET 6**

Scale @ A1: | 1:20
 Date: | Jun 2023

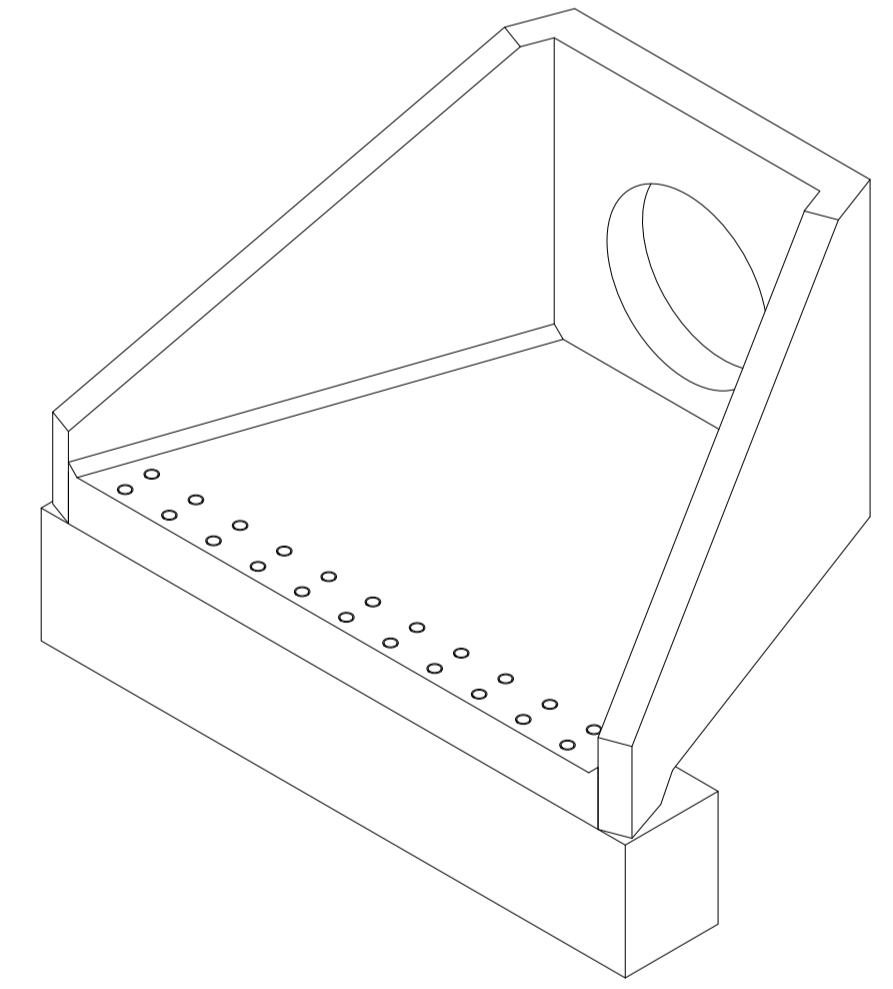
Drg No. | CON608-3896 | Revision | P00



**FRONT VIEW
 NTS**



**CROSS-SECTION VIEW
 NTS**



**ISOMETRIC VIEW
 NTS**

SURFACE WATER DRAINAGE HEADWALLS									
HEADWALL REFERENCE	ALTHON PRODUCT REFERENCE	PIPE DIAMETER (mm)	TOE HEIGHT x WIDTH (mm)	SAFETY GRILL	KEE KLAMP	SETTING OUT POINT EASTING (m)	SETTING OUT POINT NORTHING (m)	INVERT LEVEL (m) OF PIPE	COVER LEVEL (m)
S78	SFA15D	1200	750 x 500	OUTFALL SAFETY GRILLE HINGED AND PADLOCKED	3 SIDED	594978.246	162853.830	7.595	9.800
S78a	SFA15D	1200	750 x 500	OUTFALL SAFETY GRILLE HINGED AND PADLOCKED	3 SIDED	594933.926	162869.890	7.516	10.300
S88b	SFA15D	1200	750 x 500	OUTFALL SAFETY GRILLE HINGED AND PADLOCKED	3 SIDED	594863.118	162858.506	7.361	9.505

This drawing must be read in conjunction with relevant Chartway specifications and standard details. This drawing is subject to copyright. Do not scale from this drawing.