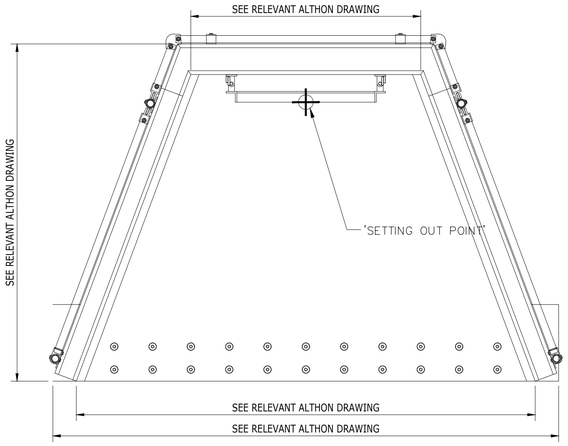
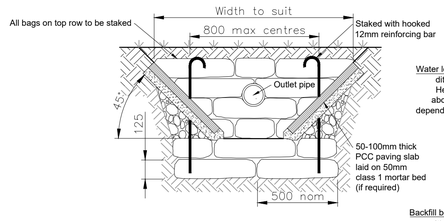
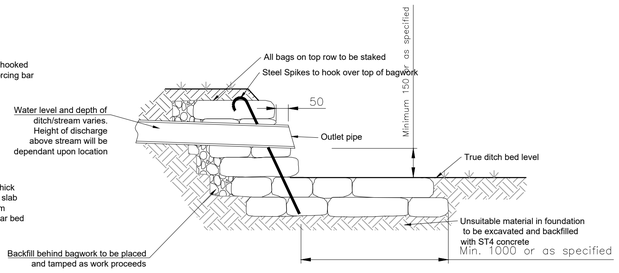


PLAN VIEW
NTS



ELEVATION OF HEADWALL
OUTFALL TO BASIN
Scale 1:20



HEADWALL SECTION
OUTFALL TO BASIN
Scale 1:20

NOTES

1. Bags shall be of Hessian and shall be of a size to provide a wall thickness of 500mm

2. 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.

3. 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

4. Extent of outlet protection to be the greater of 1500mm or pipe diameter + 1200mm spanning the outlet pipe.

5. Headwall design may need to be adjusted to on site conditions following approval from ADC Engineer.

6. Ditch to be regraded as requested.

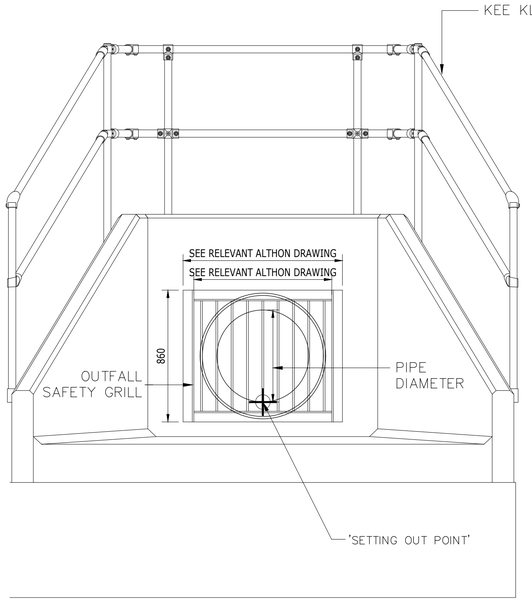
7. All exposed pipework to be certified UV stable.

8. Pipe details to be as specified on supporting drawings.

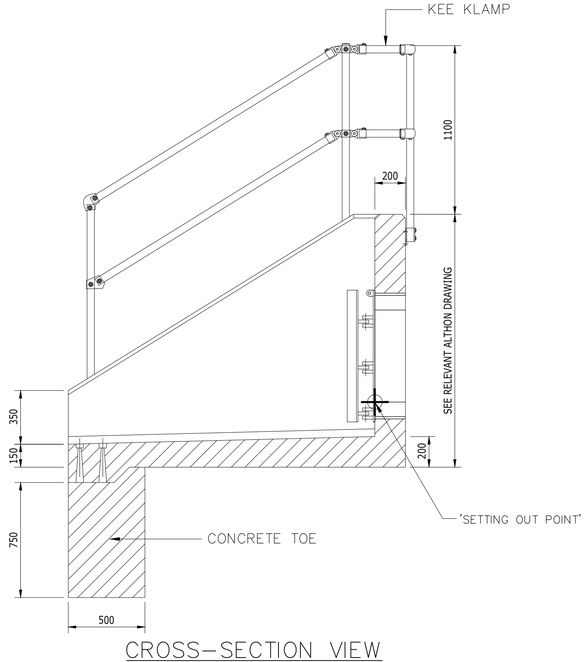
9. All bags on top rows to be steel spiked.

10. 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.

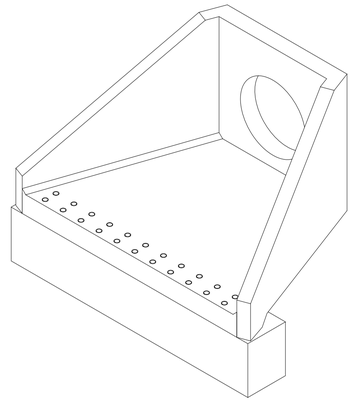
11. no part of the headwall structure to encroach into the profile of the watercourse.



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

Drawing produced for Chartway by:
Robert West
1 Paris Garden
London
SE1 8ND
t: 0203 773 7880
www.robertwest.co.uk

GENERAL NOTES:

1. 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.

2. This drawing is to be read in conjunction with all relevant Architect's and Engineer's drawings and specification.

3. The main Contractor is responsible for ensuring the stability of the structure whilst the works are in progress.

4. 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 whst undertaking the works.

CDM 2015 RESIDUAL RISKS
1. All areas of live traffic and pedestrian movements shall be subject to appropriate traffic management barriers and signs.
2. Access points onto live public highway.
3. Unauthorised access to the site must be prevented at all times
4. Existing road drainage to be maintained.
5. 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

Status: PLANNING APPROVAL

CHARTWAY GROUP

Drawing Title:
SITE WIDE
DRAINAGE CONSTRUCTION
DETAILS SHEET 6

Scale @ A1:	1:20
Date:	Jun 2023

Drg No. CON608-3896
Revision P00