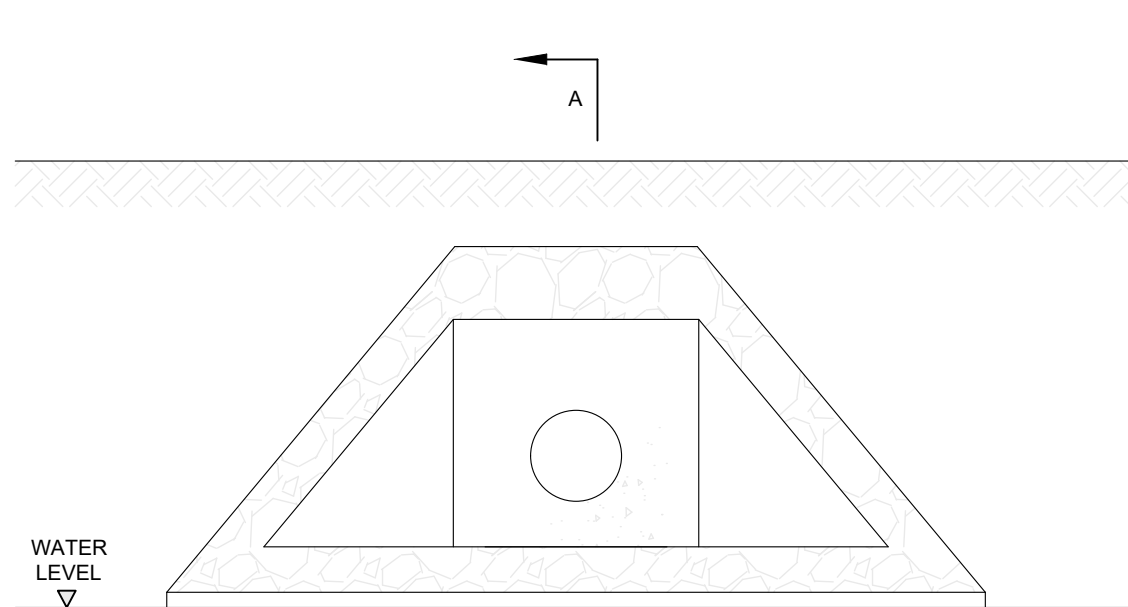
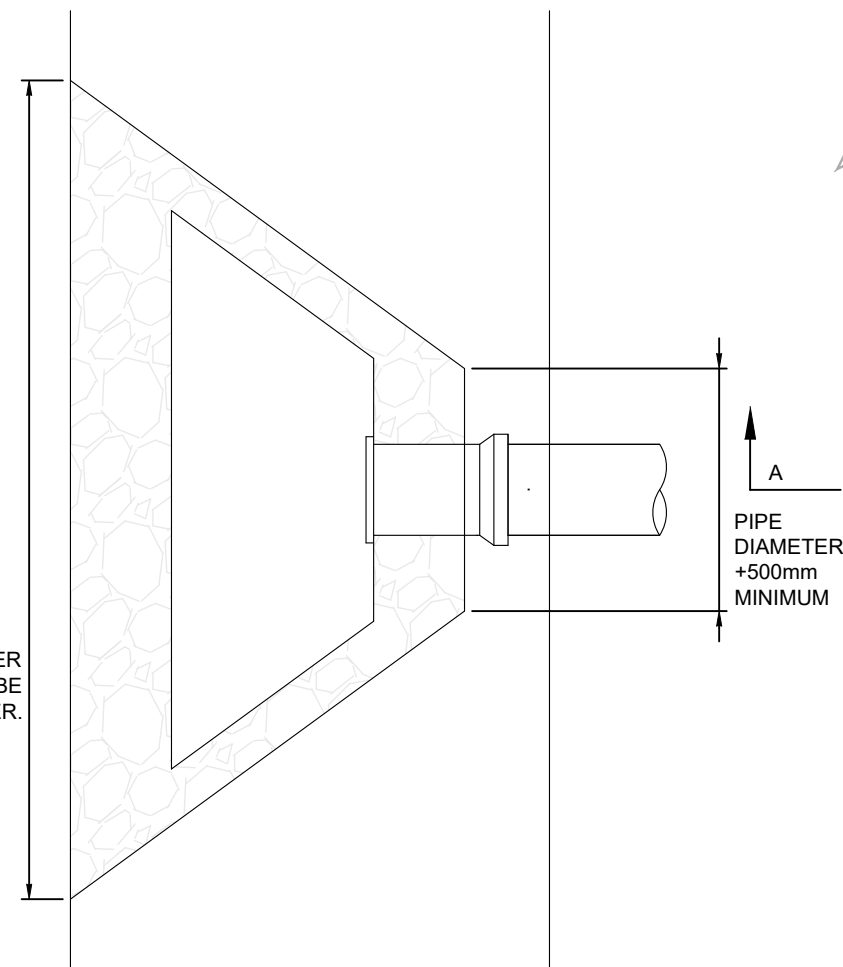
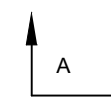




FRONT ELEVATION

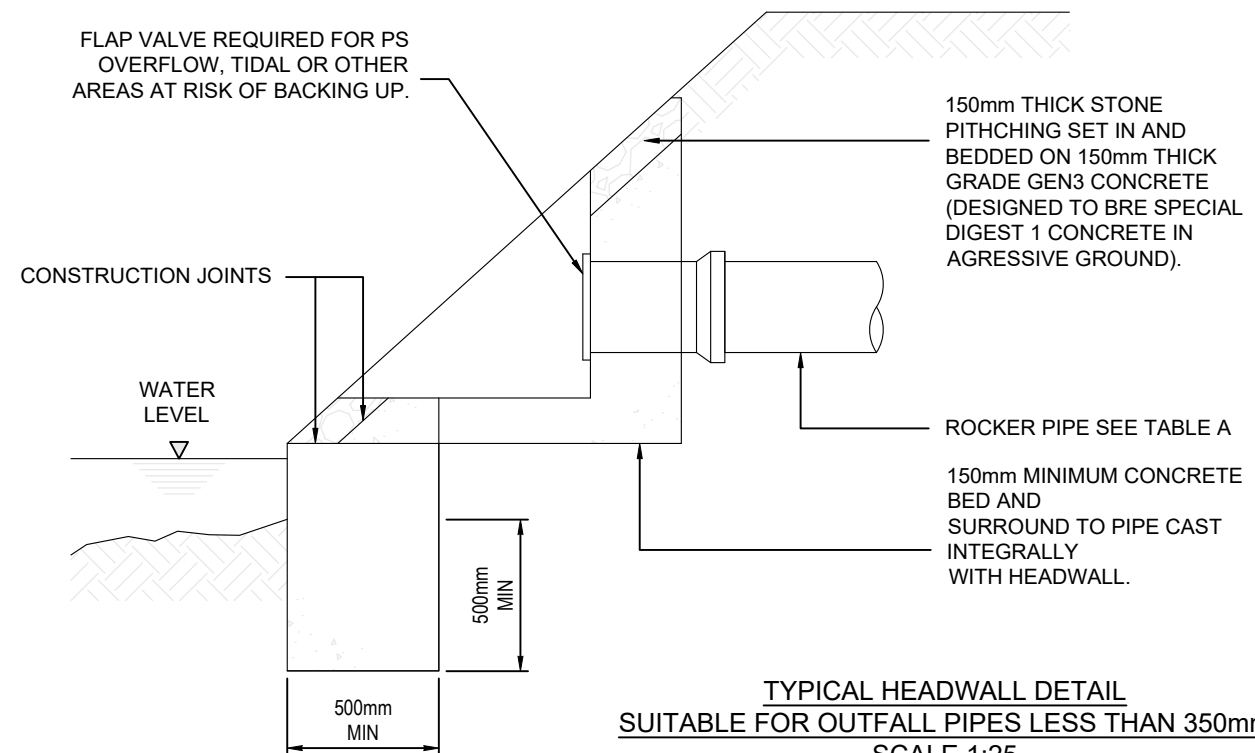
UP TO 300mmØ PIPE - 9 x PIPE DIAMETER
OVER 300mmØ PIPE - DIMENSION TO BE
AGREED WITH UNDERTAKER.



PLAN



PIPE
DIAMETER
+500mm
MINIMUM

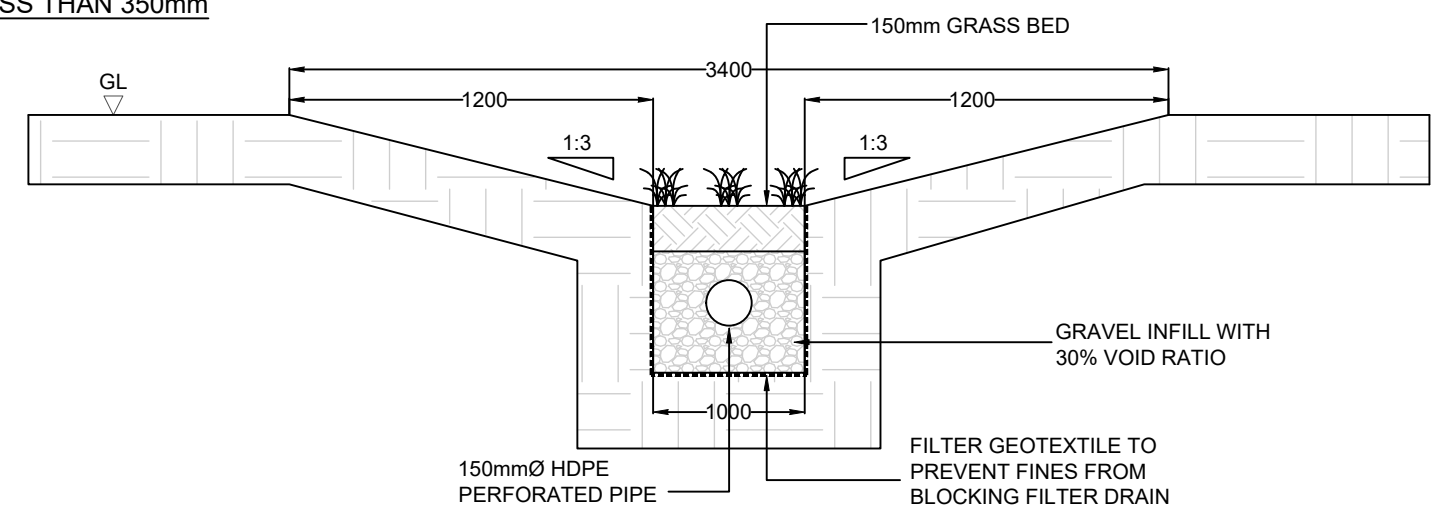


SECTION A-A

NOTE: STONE PITCHING TO
BE SMOOTH, HARD AND
DURABLE

TYPICAL HEADWALL DETAIL
SUITABLE FOR OUTFALL PIPES LESS THAN 350mm
SCALE 1:25

TABLE A - THE RECOMMENDED LENGTH OF THE NEXT PIPE (ROCKER PIPE) AWAY FROM A STRUCTURE (SFA 6th 5.6.6.2)	
NOMINAL PIPEØ (mm)	EFFECTIVE LENGTH (m)
150 TO 600	0.6
OVER 600 TO 750	1.0
OVER 750	1.25



CROSS-SECTION THROUGH TYPICAL RAIN GARDEN
SCALE 1:25

- NOTES
1. Do not scale from this drawing
 2. All dimensions are in meters unless stated otherwise
 3. This drawing is to be read in conjunction with all relevant drawings and documents associated with this project.
 4. All surveyed information including levels and layout is provided by others
 5. All existing and proposed dimensions, levels and locations to be checked and verified by the main contractor on site prior to the commencement of the works and any anomalies reported to the engineer.
 6. All works, workmanship and materials on private drainage to be in accordance with the civil engineering specification for water industry 7th edition published by the water research council.

P02	10/03/21	Drainage levels updated based on topographical survey.	CH	WW	EO'C
P01	29/01/21	First Issue	CH	WW	EO'C
REV:	DATE:	DETAIL:	DES:	CHK:	APP:

Samuel House, 5 Fox Valley Way, Stocksbridge, Sheffield, S36 2AA

CLIENT:
Carlton Holdings Partnership

PROJECT:
Hanmer Arms, Hanmer

DRAWING TITLE:
Manhole and Swale Construction Details

DRAWN: CH	DESIGNED: CH	CHECKED: MGg	APPROVED: EO'C
DATE: 20/08/2019		SCALE @ A3: 1:25	
PROJECT NO.: MAN.244.002		DRAWING NO.: 102	
DRAWING STATUS: Preliminary		ISSUE: P02	