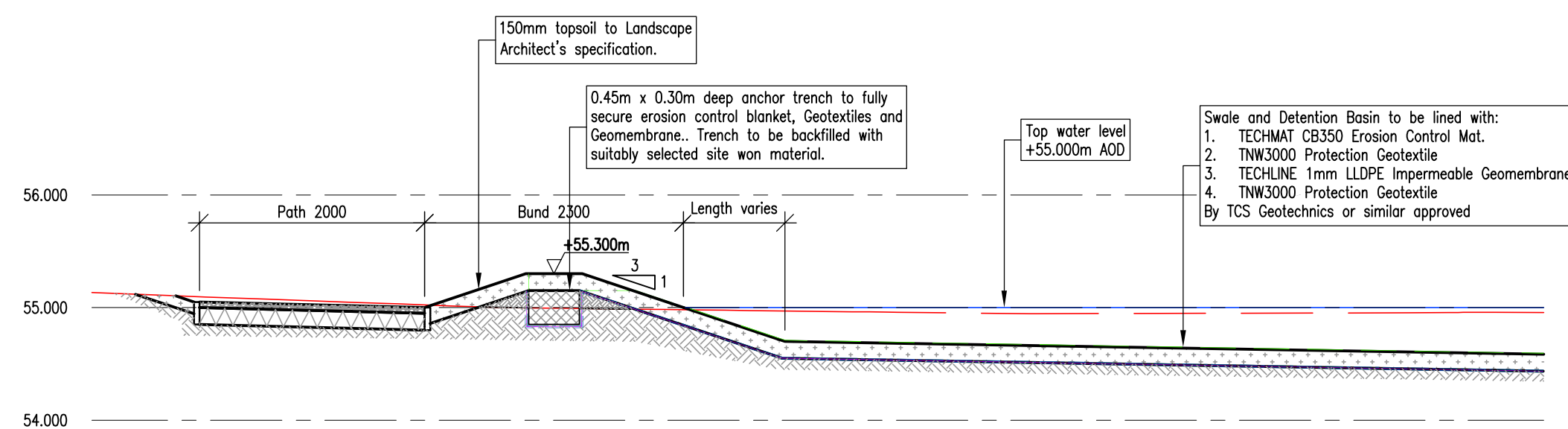


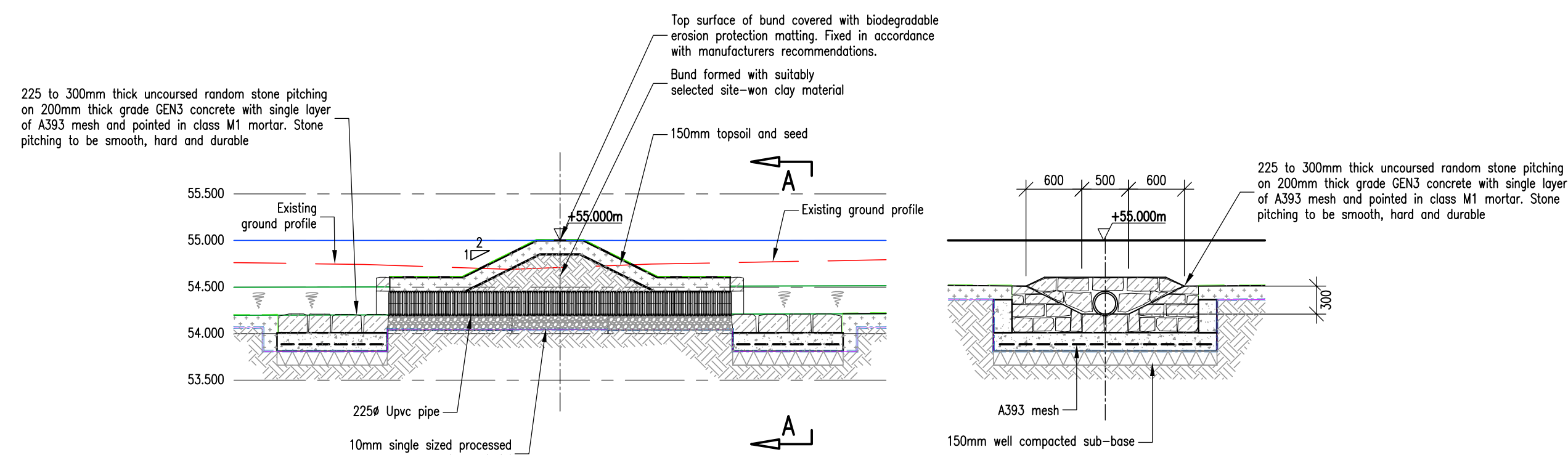
TYPICAL SECTION THROUGH STORAGE BASIN AND SWALE

SCALE 1:50



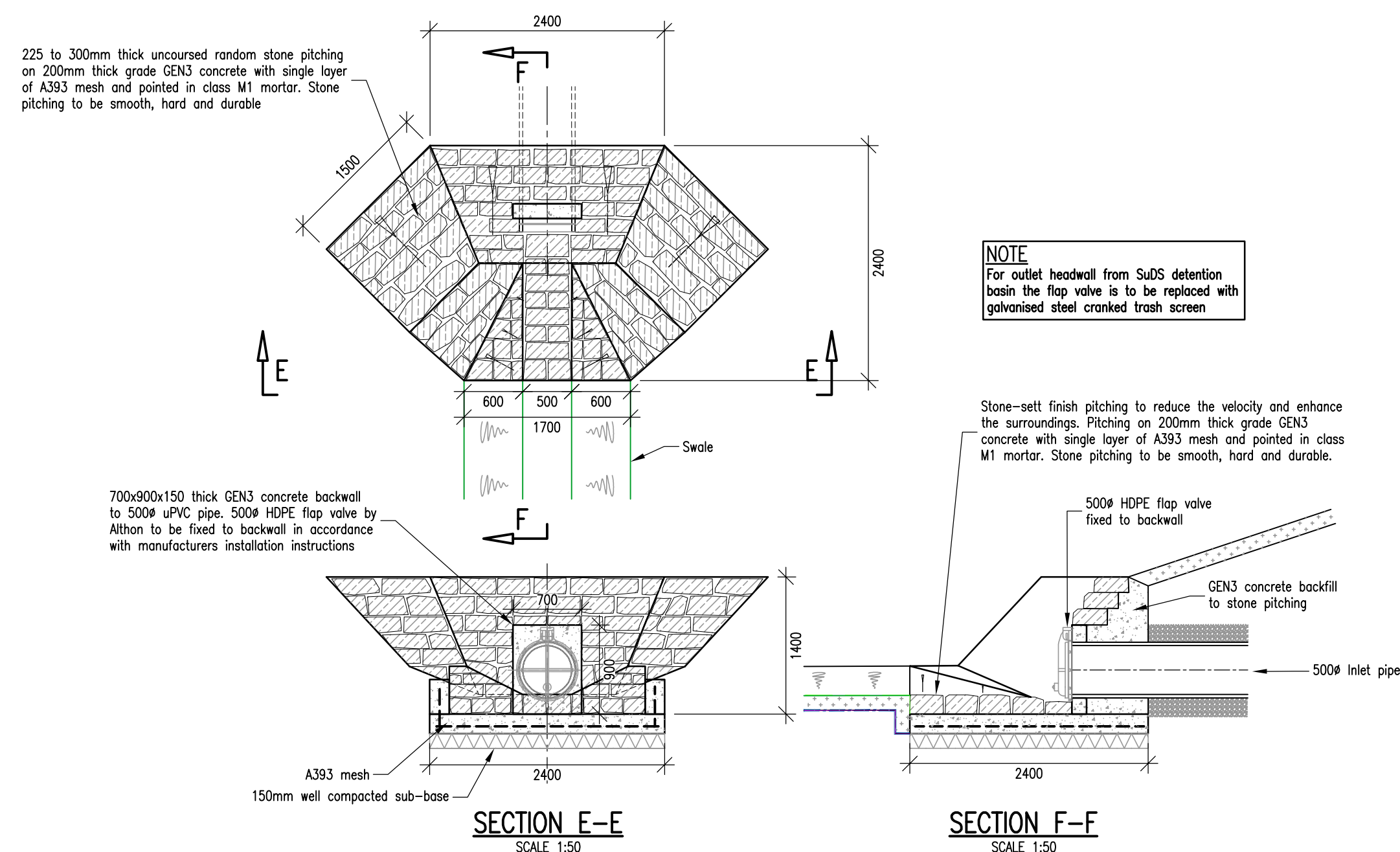
TYPICAL SECTION THROUGH PERIMETER BUND

SCALE 1:50



TYPICAL SECTION THROUGH BERM 01

SCALE 1:50



TYPICAL INLET HEADWALL DETAIL

(SIMILAR DETAIL FOR OUTLET HEADWALL)

SCALE 1:50

- ### Althon PTK-G 500 HDPE/SS Flap Valve Specification Information

- The valve plate and the back plate are produced using HDPE/SS
- The hinge pin and ballast weight are produced in SS316 as standard
- The ballast weight can be easily adjusted if required
- The sealing arrangement consists of an EPDM lips seal in the back plate
- The valve plate is also installed on an angle in relation to the back plate to ensure a good seal

Material: HDPE, SS316, EPDM

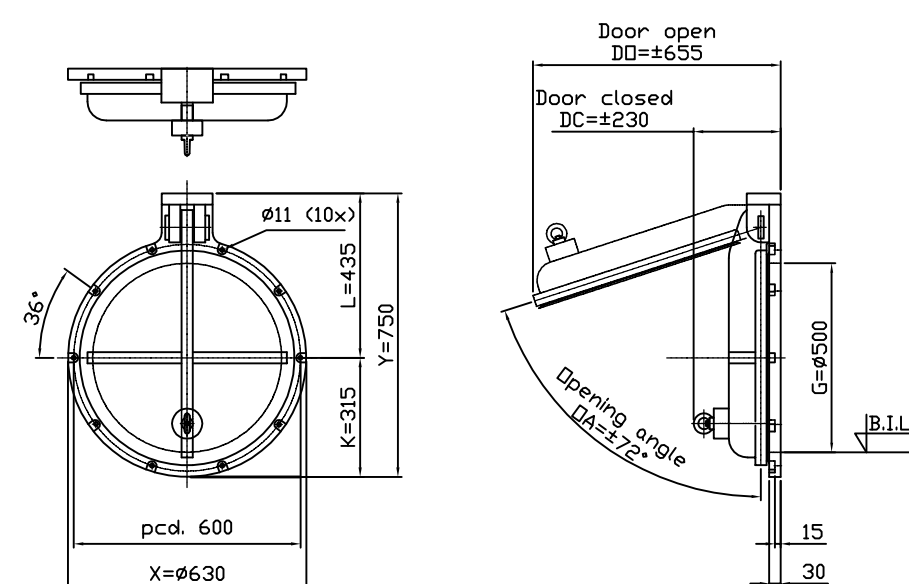
Opening: $\varnothing 500\text{mm}$

Max load from bottom invert level (B.I.L): 1.5MWC long period (≈ 50 years)

5MWC short period (=72hours)

Number of chemical anchors M8: 10 pieces
All dimensions in mm

All dimensions in mm



TYPICAL 500Ø HDPE FLAP
VALVE SPECIFICATION

SCALE 1:50

				Client: CUMBRIA COUNTY COUNCIL UNITED UTILITIES PLC / AE YATES		 R. G. PARKINS & PARTNERS LTD CONSULTING CIVIL & STRUCTURAL ENGINEERS	
				Project: DRAINAGE IMPROVEMENT WORKS HALLGARTH, KENDAL		Meadowside 97 King Street Kendal LA9 6NY Tel: 01539 729393 Fax: 01539 740609 Email: mail@rgparkins.com	
				Drawing Title: SUDS PROPOSALS & ANCILLARY COMPONENTS CONSTRUCTION DETAILS		Issue Purpose: Drawn by: SR Checked by: TM Scale: 1:200 Issue Date: 22/09/20 TENDER	
Updated following detailed design		24/11/21	TM	A			
Revisions		Date	Initial	Suffix			
© Reserved 2020				Drawing Number:		K37081/A1/22	