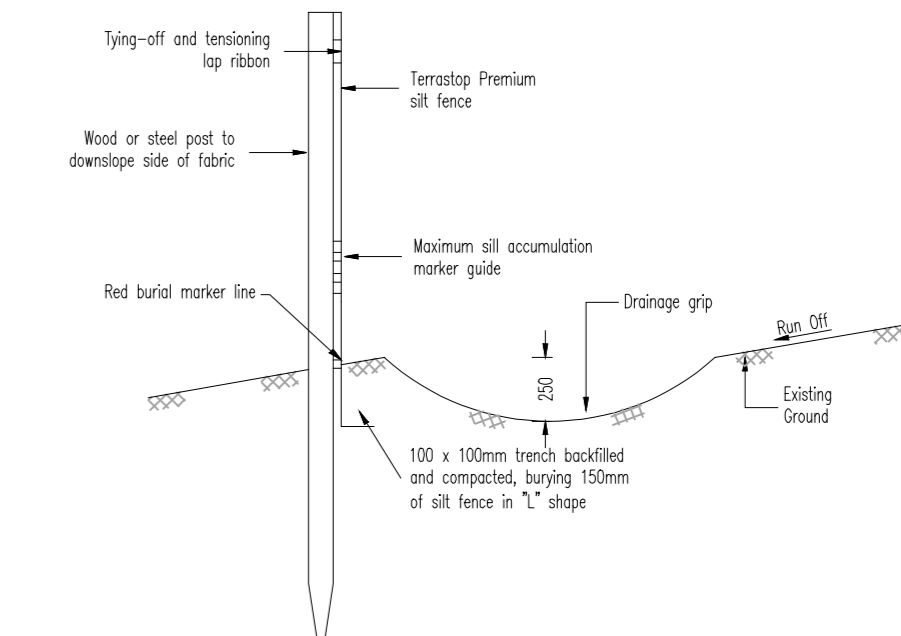


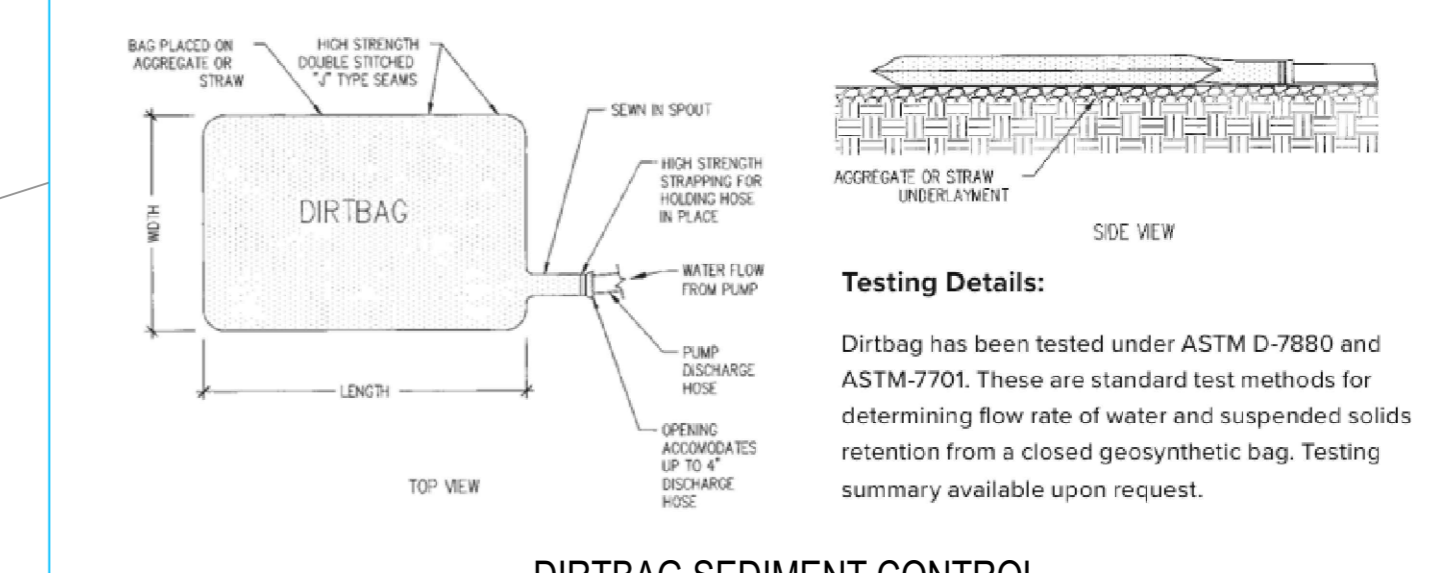
Typical Section Through Proposed Temporary Earth Bunding / Dished Channel (Not to scale)



Typical Section Through Hy-TEX TERRASTOP PREMIUM SILT FENCE (Not to scale)



HY-TEX TERRASTOP SILT FENCING TO BE INSTALLED TO MANUFACTURERS SPECIFICATION (Refer to manufacturers installation guidance)



- Notes:
- This drawing is copyright and must not be copied in part or in whole unless agreed with AVE CONSULTING LTD
  - All dimensions are in millimetres unless noted otherwise
  - DO NOT SCALE THIS DRAWING - IF IN DOUBT ASK
  - All dimensions & levels to be checked by the contractor prior to commencement of work, any discrepancy shall be reported immediately to AVE CONSULTING LTD
  - All work shall be carried out in accordance with Local Authority, statutory authority, health & safety requirements and regulations.
  - The drawings shall be read in accordance with all other contract documents relevant at that time of issue and during the period of the contract
  - The contractor must ensure the overall stability of the works is adequate at all stages of the construction.
  - No allowance has been made for cutbacks, holes, notches, etc. for services. All of these are to be agreed prior to the start of the works.
  - RAMP locations are illustrative in the absence of a detailed roof drainage design.
  - Soil stack locations are indicative only and subject to detailed design.
  - Surface water will be collected from roof areas and conveyed to the attenuation basin.
  - Surface water from vehicular areas will be collected and passed through a Class 1 filter separator to remove hydrocarbon contamination prior to being conveyed to the attenuation basin.
  - The attenuation basin has been sized to balance the flow of collected surface water from the proposed impermeable areas of the development with the limited discharge from the basin to the existing ditch on the eastern side of the site.
  - The attenuation basin is proposed to discharge at a maximum rate of 36.8 l/s per second for all storm events up to and including 100 year return period events with an additional allowance of 40% for climate change.
  - The proposed discharge rate and associated attenuation volume are subject to agreement with the local Flood Authority.
  - Overland flow discharges from the site are proposed to be collected and pumped to the existing public sewer network - subject to capacity and approval by Yorkshire Water.
  - The existing Yorkshire Water sewers shown entering site from the north will need to be diverted to allow development to go ahead. Subject to negotiation with Yorkshire Water.

- SURFACE WATER MANAGEMENT KEY:
- Blue arrow: DIRECTION OF FLOW
  - Red dashed line: SILT PROTECTION FENCE
  - Green dashed line: PROPOSED EARTH BUND / CHANNEL
  - Magenta dashed line: DRAINAGE GRIP

ALL SILT MANAGEMENT SYSTEMS TO BE MONITORED ON A WEEKLY BASIS

IT IS INEVITABLE THAT AS WORKS PROGRESS FURTHER MEASURES MAY BE NECESSARY. THIS SHOULD BE ASSESSED WITH THE WEEKLY MONITORING.

SURFACE WATER MANAGEMENT TO BE PHASED WITH CONSTRUCTION BUILD PROGRAM.

SUBJECT TO THE APPROVAL OF THE LLFA

Rev	Issue	Date	By	TC	TC
P00	Initial issue	11/04/2025	TC	TC	
6 Killingbeck Court, Killingbeck Office Village, Killingbeck Drive, Leeds LS14 6FD, Tel: 0113 249 7416 www.ave-consulting.co.uk					
Client	ACUMEN				
Project	PC SPECIALIST GRANGE MOOR				
File	Temporary Surface Water Management Plan				
Drawn	Checked	Date	Scale	Original Author	
TC	TC	April 2025	1:500	AO	
Drawing Number: P3849-DR-09      Rev: P00					