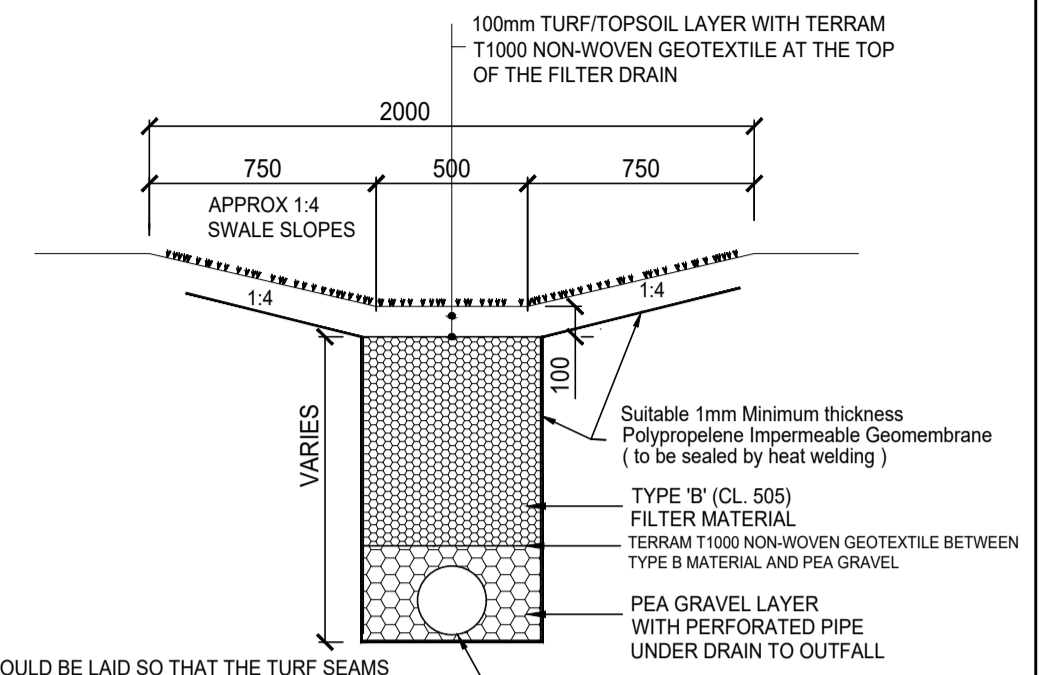
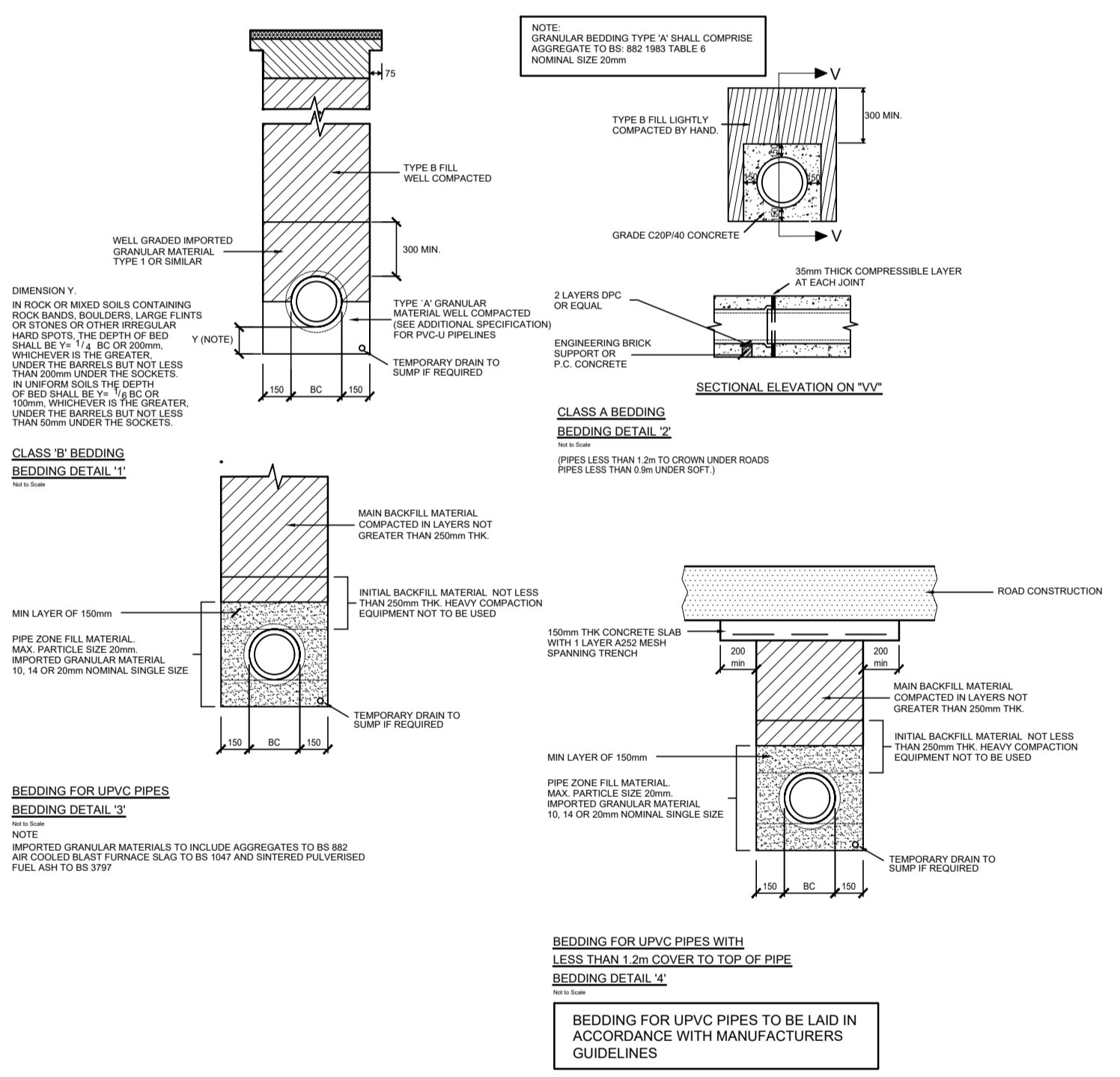


TYPICAL ALTHON HEADWALL H3C  
NTS

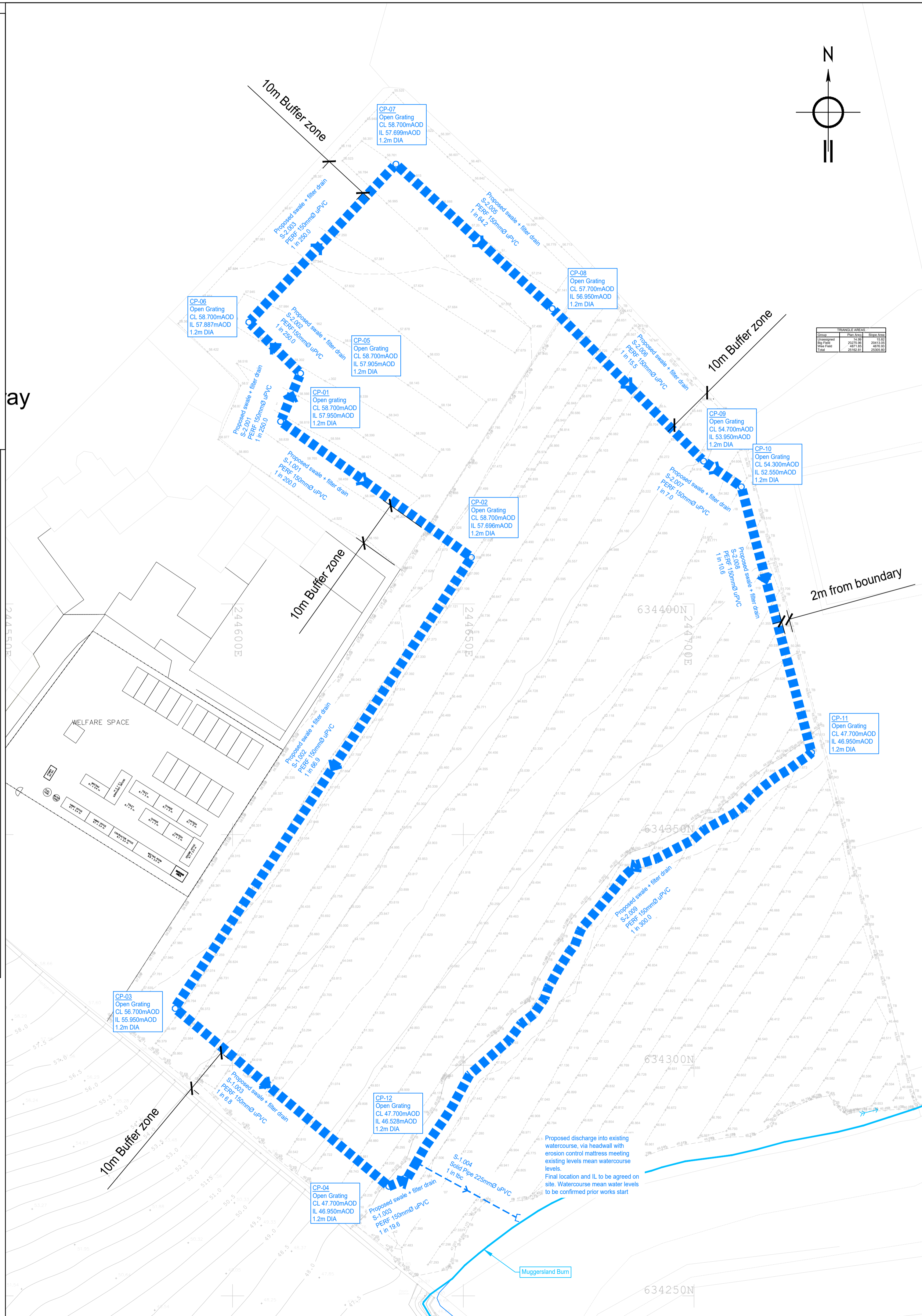


TYPICAL SWALE + FILTER DRAIN DETAIL  
NTS



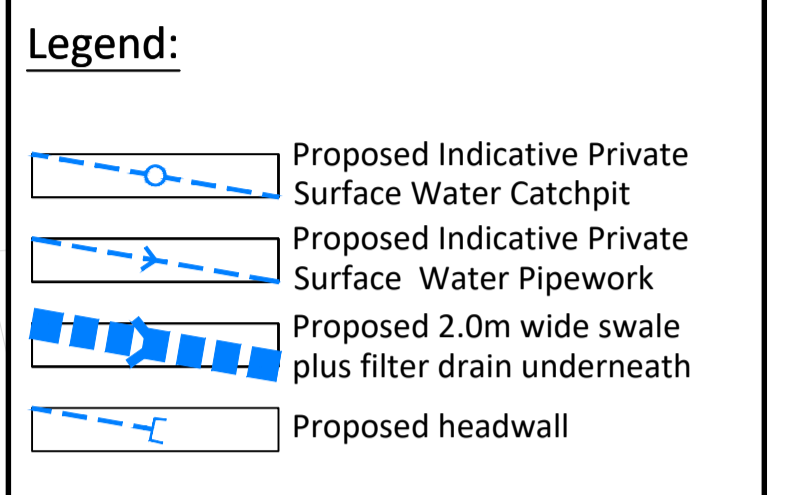
**DRAINAGE SPECIFICATION/NOTES:**

- The Drainage is to be installed in accordance with the Scottish Water publication Sewer for Scotland V4.0 together with the Civil Engineering Specification for the Water Industry (7th edition) issued by UK Water Industry Research Ltd with particular reference to part 4: Civil Specification.
- All pipelines to have watertight joints, with all impermeable drainage pipelines air tested in accordance with Clause 509 (of the Specification for Highway Works).
- On Completion of the Works the Contractor will secure and obtain the "Certificate of Compliance" from Scottish Water in respect of the new drainage connections.
- The Contractor will submit within two weeks of substantial completion detailed as built records in CAD which record the coordinated location of the manhole cover levels; manhole and pipe invert levels; manhole diameters and depths including details of backdrop connections; pipe diameters; the coordinated invert levels of the end of the sewer and gully pipe tails: the levels will be to Ordnance Survey datum and coordinated to the National Grid.
- The drainage system will be constructed, installed and tested in accordance with BS EN 12056-1:2000 and BS EN 1610:2015.
- All pipes shall be certified and rated to withstand standard jetting pressures as described in WIS 4-35-d.
- All Cover Levels (CL) will be confirmed during the detailed design stage.
- All manholes to be 1200mm internal DIA U.N.O and all catchpits are to be 1200mm internal DIA U.N.O unless specified otherwise.
- All pipework routing, CL's are shown indicative at this stage to be confirmed during detailed/construction stage. Subject to change to suit future proposals and comments as well as proposed detailed levels.
- Proposed outfall point to be agreed on site following confirmation on watercourse mean water levels.
- Proposed swale top levels laid as per proposed contours & levels



**Notes:**

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- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, SERVICE ENGINEERS AND DETAILS DRAWINGS AND SPECIFICATIONS.
- ALL DIMENSIONS AND SIZES TO BE VERIFIED ON SITE.



**DRAINAGE STRATEGY NOTES:**

- This proposed drainage strategy is based upon the following:
- Strategy as per East Ayrshire Council's planning guidance.
  - Proposed scheme 100% permeable, therefore, proposed discharge into Muggerland burn at greenfield runoff. No attenuation required.
  - Although no significant runoff will be expected within the site at the design event, the new swales + filter drains are proposed along the edges of the landscape area to ensure no surface water excess leaves the application site boundary and that after extreme storm events, any additional runoff that may be generated will be safely re-routed into the Muggerland burn.
  - Proposed drainage systems including the SuDS elements to be private and maintained by Zenobe.
  - This drainage strategy is to be noted as indicative at this stage and may be subject to alterations during detailed design, future discussions with design team and confirmation of levels.

A	Amended to reflect the latest landscape layout	CVB	20/02/24
REV:	DESCRIPTION:	BY:	DATE:

STATUS: **PLANNING**

info@vazquezbesada.co.uk  
M: 07541 992083  
www.vazquezbesada.co.uk

CLIENT: Zenobe

SITE: Zenobe Kilmarnock South  
Midton of Balgray Habitat Area  
East Ayrshire Council

TITLE: Proposed Drainage Strategy

SCALE AT A1:	DATE:	DRAWN:	CHECKED:
1:500	20/02/24	CVB	-
PROJECT NO:	DRAWING NO:	REVISION:	
23007	103		A