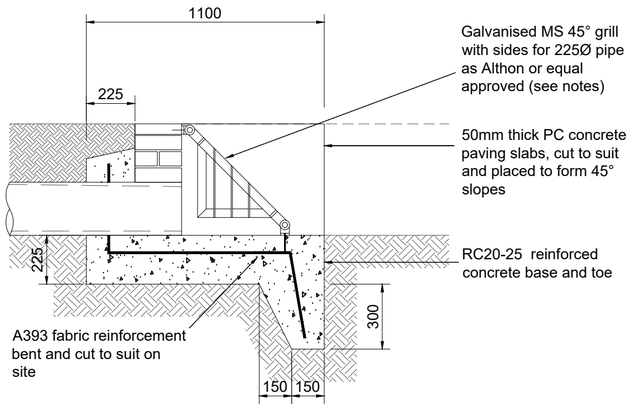
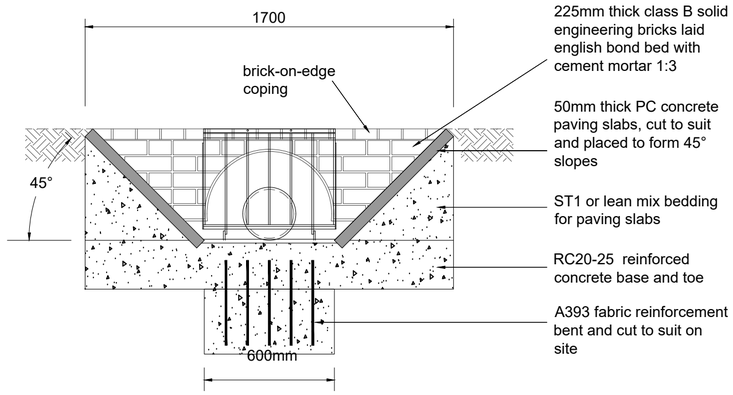


Section



Elevation

'End of Ditch' Headwall Detail

Fabrication Specification

1. Manufacture IAW EN 1090-2 EXC CLASS 1
2. Material grade is to be: BS EN 10025 S275
3. Welding carried out IAW EN 1090x2 PARA 7.5.4 - 7.5.18
4. All fillet and butt welds to have a minimum throat thickness of 6mm & joints to be fully welded where possible.
5. Ensure vertical flats are fully welded both sides where possible.
6. All sharp edges and burrs are to be removed.
7. Remove all weld splatter.
8. Holes by punching are permitted without reaming.
9. Galvanising is carried out after fabrictation to BS EN:ISO 1461
10. Grill as Althon 45° with sides for 225Ø pipe with bars at 75mm ctrs

General Notes

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

2. Grille to be formed from Galvanised Steel

3. All grilles to be cranked 45 degrees with sides unless expressly instructed.

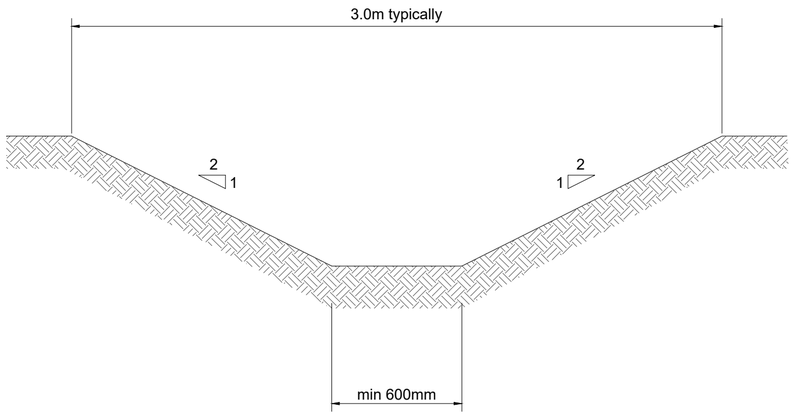
4. Grilles to be fixed into concrete base with suitable anchors on bagwork headwalls. Fastening into bagwork itself may also be necessary at Engineers instruction.

5. Grille size to suit outgoing pipe diameter.

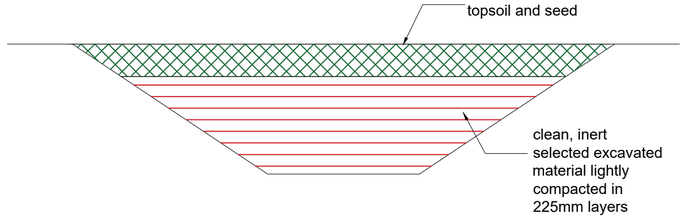
6. Grilles to be Althon or similar approved.

7. Grille to be fixed to upper and lower frame with suitable galvanised steel (removable) bolts.

- All dimensions in mm
- Manufacturing tolerances IAW EN 1090-2 ANNEX D PARA 2.7-2.8
- All measurements ± 1mm
- 40 x 10mm flats at 75mm centres as standard

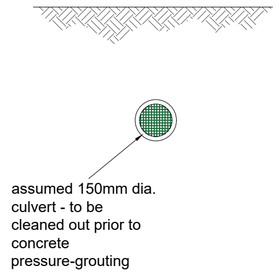


Typical Proposed Ditch Section



Existing ditch infilling

refer to drgs 20079 - 220 & 221 for extents



Existing culvert infilling

refer to drgs 20079 - 220 & 221 for extents

The Contractor is to check and verify in conjunction with the Architects details all setting out points, building and site dimensions, levels and sewer invert levels at connection points and ensure that they are fully conversant with the contents and requirements of the site investigation report before work starts. The Contractor is to comply in all respects with current building legislation, British Standard Specifications, Building Regulations etc.,whether or not specifically stated on this drawing.

This drawing is not intended to show details of ground conditions or ground contaminants. Each area of ground relied upon to support any structure depicted (including drainage) must be investigated by the Contractor any areas of formation for said structures which do not accord with the anticipated conditions as described in the site investigation report are to be immediately notified to the Engineer, where applicable. Any suspect fluid ground or ground contaminants on or within the ground should be further investigated by a suitable expert. Any earthworks shown indicate typical slopes for guidance only and should be investigated further by a suitable geotechnical expert.

Where existing trees are shown to be retained they should be subject to a full Arboricultural inspection for safety. All trees are to be planted so as to ensure they are a minimum of 5 metres from buildings and 3 metres from drainage and services, where applicable. A foundation is to be provided to accommodate the proposed tree planting, where applicable.

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Rev.	Description	Date	By
A	Revised as Arun DC comments	17.02.2022	TWP
-	First Issue	11.10.2021	OB

Client: PERSIMMON Together, we make a home

Project: Dappers Lane, Angmering West Sussex

Title: Ditch and Headwall Details

Drawing Status: PRELIMINARY

Scale: A2 @ 1:20	Drawn: OB
Date: Oct 2021	Checked:
File: 20079 / dwgs / civils / current	Drawing: 20079 / 222 A

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