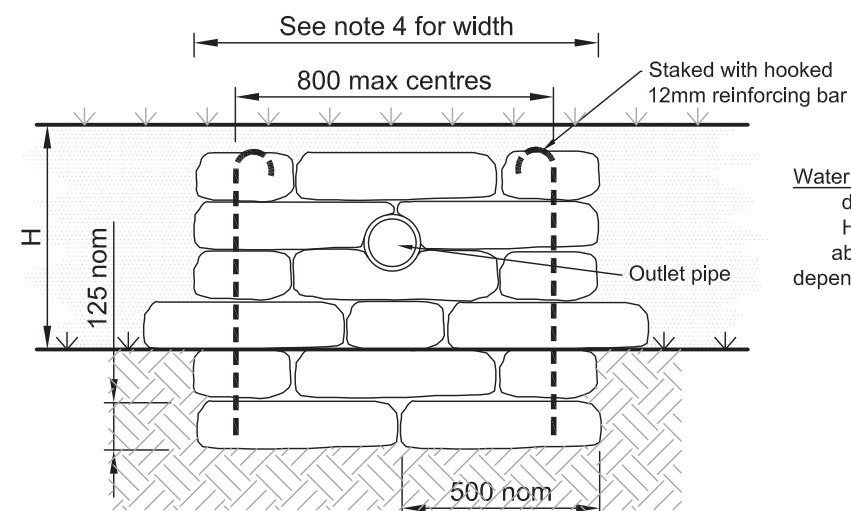
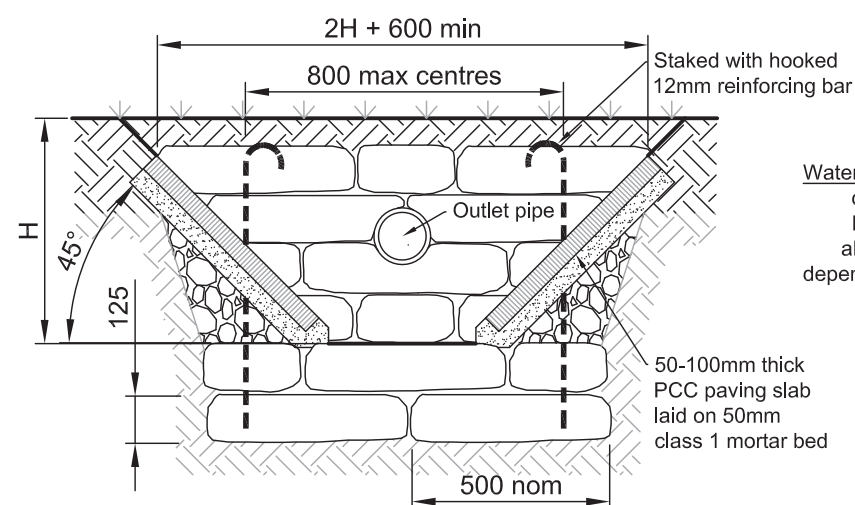
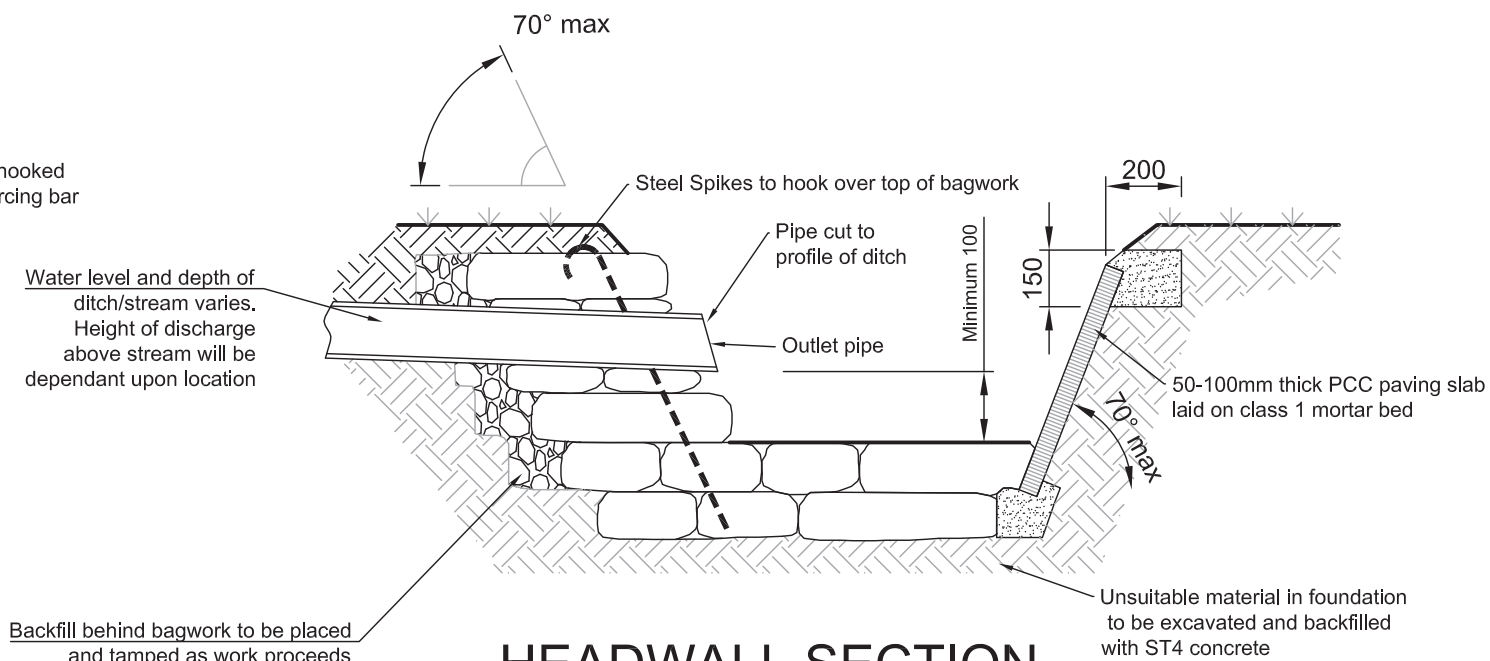




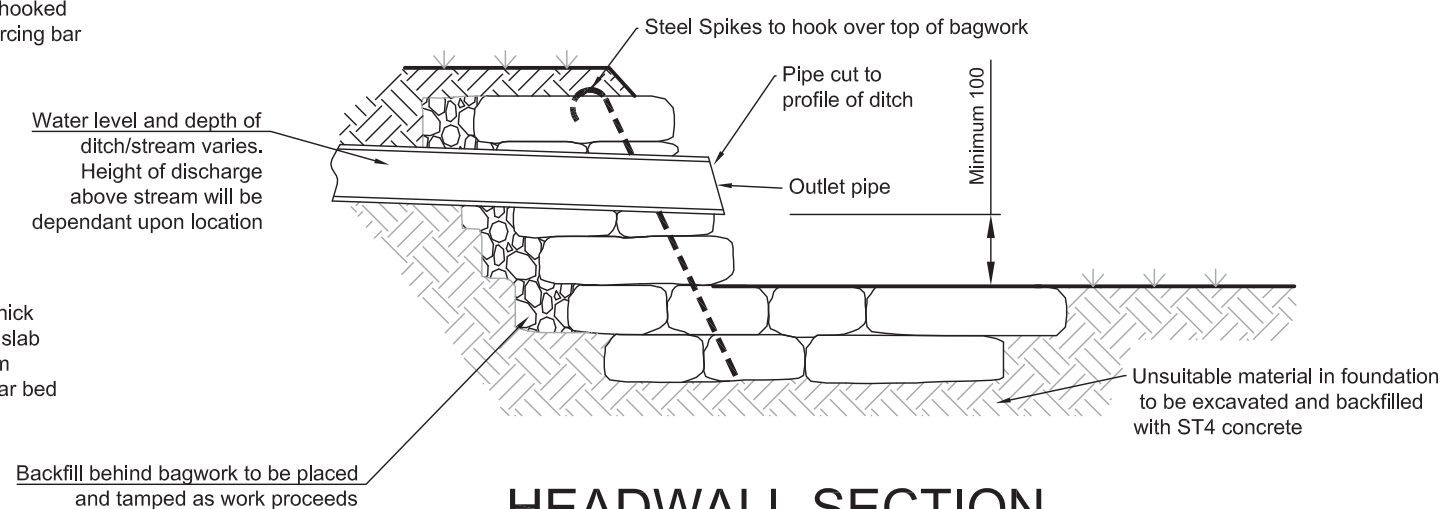
# ELEVATION OF HEADWALL OUTFALL TO POND / SIDE OF DITCH



## ELEVATION OF HEADWALL OUTFALL TO END OF DITCH



## HEADWALL SECTION OUTFALL TO SIDE OF DITCH



HEADWALL SECTION  
OUTFALL TO POND / END OF DITCH

## NOTES

1. Bags shall be of Hessian or Canvas and shall be of a size to provide a wall thickness of 500mm
2. Concrete bagwork shall be to Clause 519 and be three quarter filled with 25mm slump ST4 concrete immediately prior to placing with the ends sewn.
3. The bags shall be placed in a modified Flemish bond so as to 'break joint' with the mouths away from the surface and be tamped into position to form a rectangular block
4. Extent of outlet protection to be the greater of 1500mm or pipe diameter + 1200mm spanning the outlet pipe.
5. Headwall design may need to be adjusted to on site conditions following approval from WSCC Inspector
6. For vehicular crossings of ditches pipes shall be min 450mm diam and be set to invert of ditch. Ditch to be regraded to achieve satisfactory falls.
7. For  $H > 600$  appropriate vehicular or pedestrian containment shall be installed.
8. The nearest edge of any carriageway shall be set back at least H from the base of the ditch
9. All exposed pipework to be certified UV stable.

|           |                  |      |                  |          |
|-----------|------------------|------|------------------|----------|
| A         | Note 9 added     | DL   | HM               | 25.04.17 |
| Rev       | Revision details | Chkd | Appd             | Date     |
| Drawn:    | DJL              |      | For comment      |          |
| Chkd:     | GM               |      | For tender       |          |
| Appd:     | AH               | X    | For construction |          |
| Date:     | SEPT 2013        |      | As constructed   |          |
| File ref: |                  |      |                  |          |
| IWP Ref:  |                  |      |                  |          |

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Project Name

Section 278/38 Highway Agreement  
Standard Details

Drawing Title

### Headwall Detail for pipe sizes up to 600 diam Concrete Bagwork



|                         |    |
|-------------------------|----|
| Original Drawing Size : | A3 |
|-------------------------|----|

Scale : 1:20

Dimensions : mm

Drawing No.

S278/38/23

Rev

A