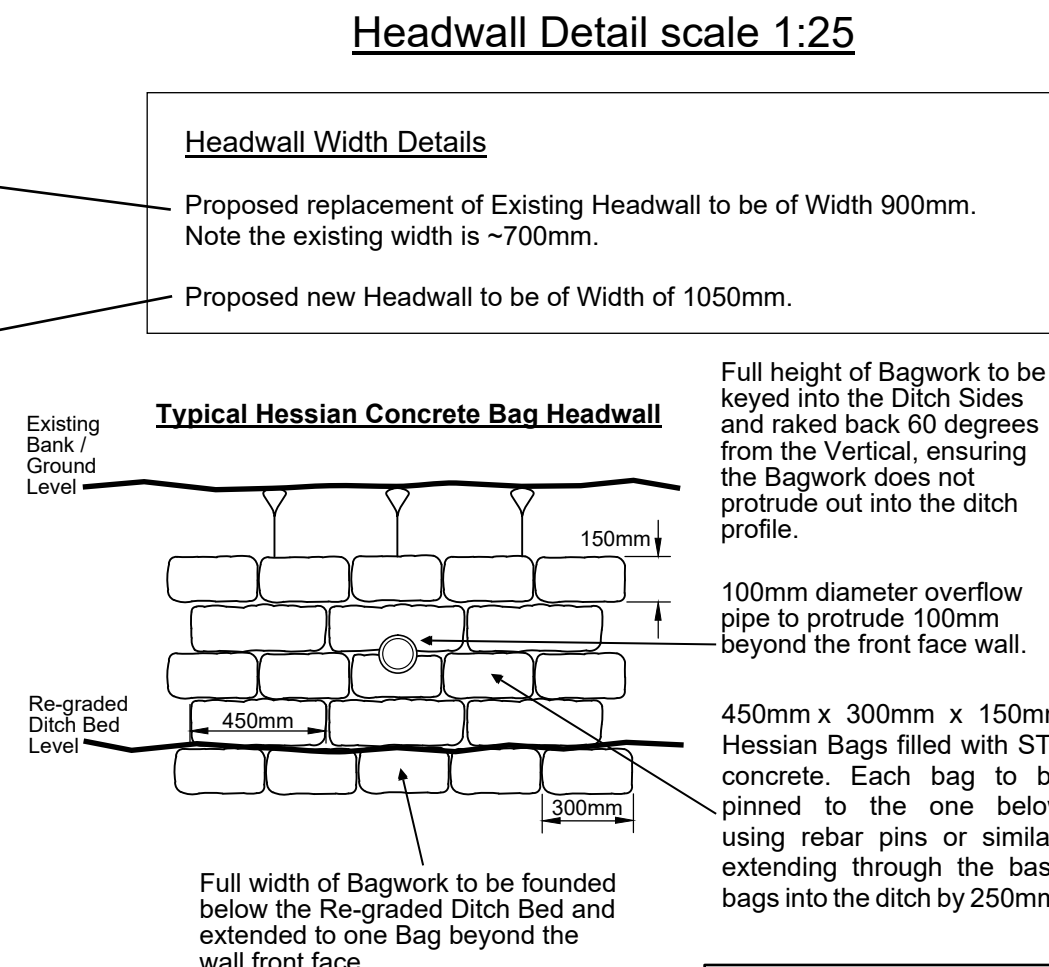
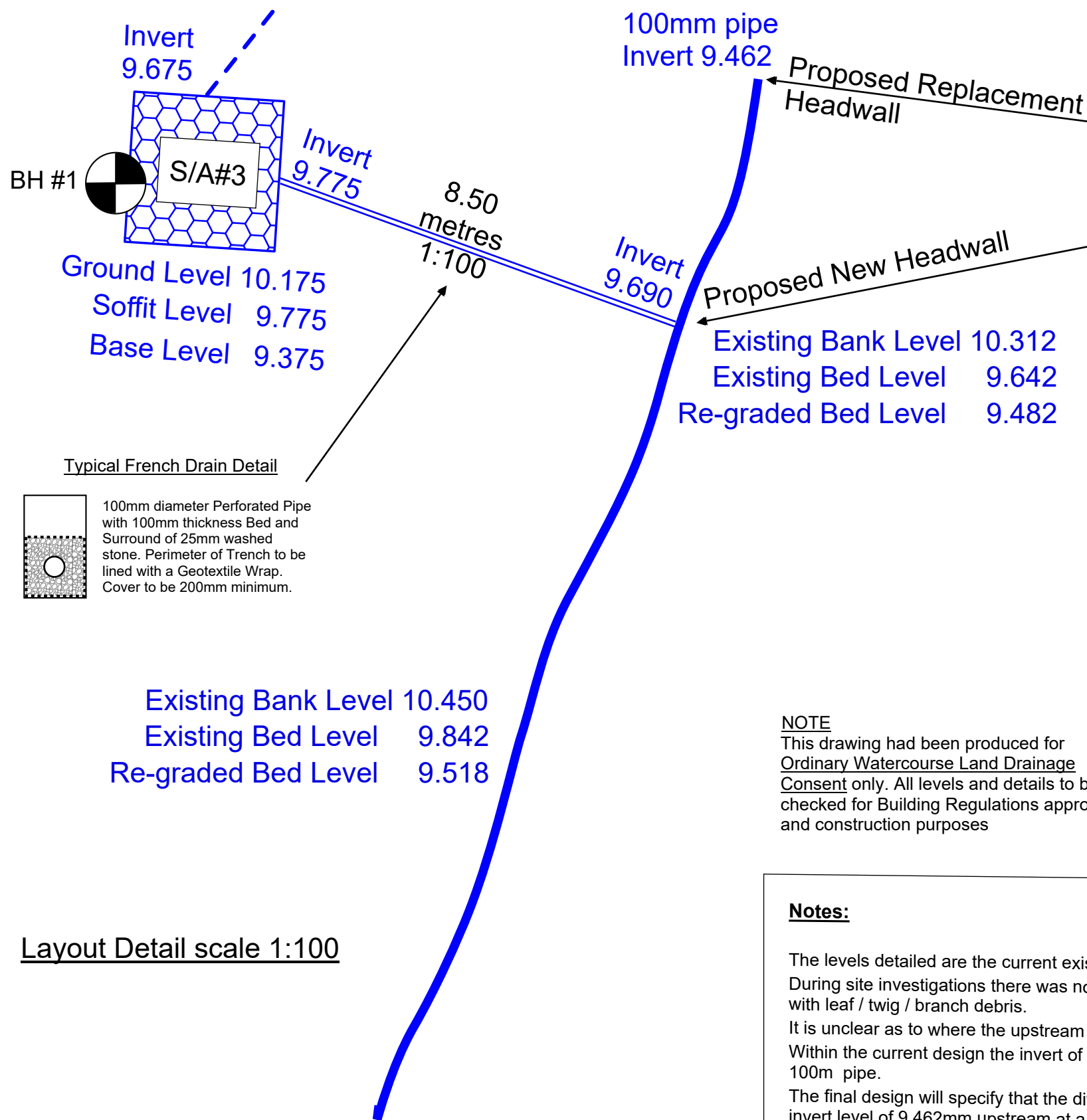




**NOTE**  
This drawing had been produced for Ordinary Watercourse Land Drainage Consent only. All levels and details to be checked for Building Regulations approval and construction purposes

**Notes:**

The levels detailed are the current existing Bank / Bed levels. During site investigations there was no evidence of water in the ditch, however it was partially filled with leaf / twig / branch debris. It is unclear as to where the upstream end comes from. Within the current design the invert of the overflow will be 228mm above the invert of the culverted 100m pipe. The final design will specify that the ditch to be cleared of all debris and be re-graded from the pipe invert level of 9.462mm upstream at a gradient of 1 : 250 to ~9.550 AOD.

Again during site investigations it was recorded that the existing headwall at the 100mm culvert was in a poor state of repair. It was agreed with the applicant to replace this with a new Hessian Concrete Bag Headwall as per the proposed new structure and to the same construction and specification.

| Mate GeoTechnic Services |                                  |      |         |
|--------------------------|----------------------------------|------|---------|
|                          |                                  |      |         |
| 03                       | Ditch / Headwall Details Updated | RC   | 06-6-20 |
| 02                       | French Drain Details Updated     | RC   | 14-5-20 |
| 01                       | French Drain Details             | RC   | 01-5-20 |
| Rev.                     | Description                      | Drn. | Date    |

Project  
**Proposed Side Extension (west)**  
**Cox's Farm**  
**Lake Lane**  
**Barnham** PO22 0AJ

Client **Mr P. Bradley-Smith**  
Drawing Title **French Drain Details**

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|                |                        |                  |    |
|----------------|------------------------|------------------|----|
| Scale          | As Shown               | Drawing Original | A3 |
| Drawing Number | MGS - BN/23/19 -- FrDr |                  |    |