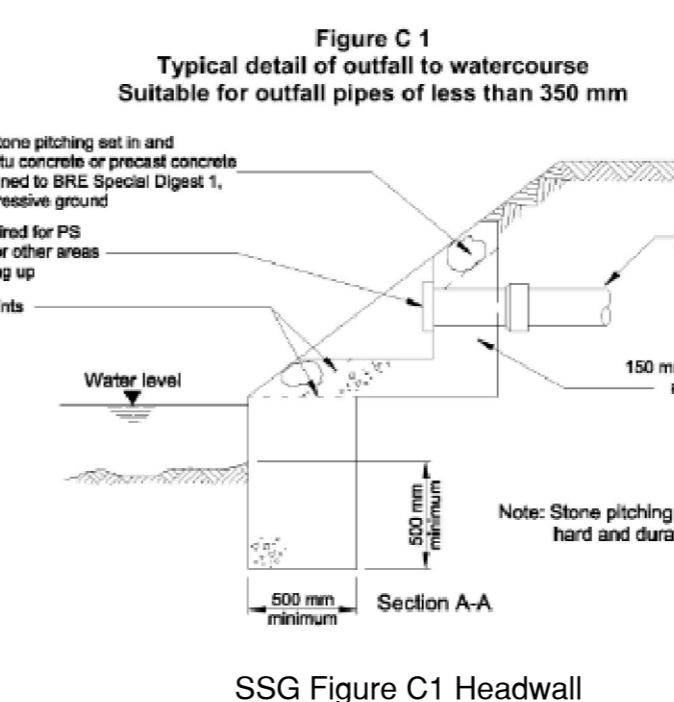
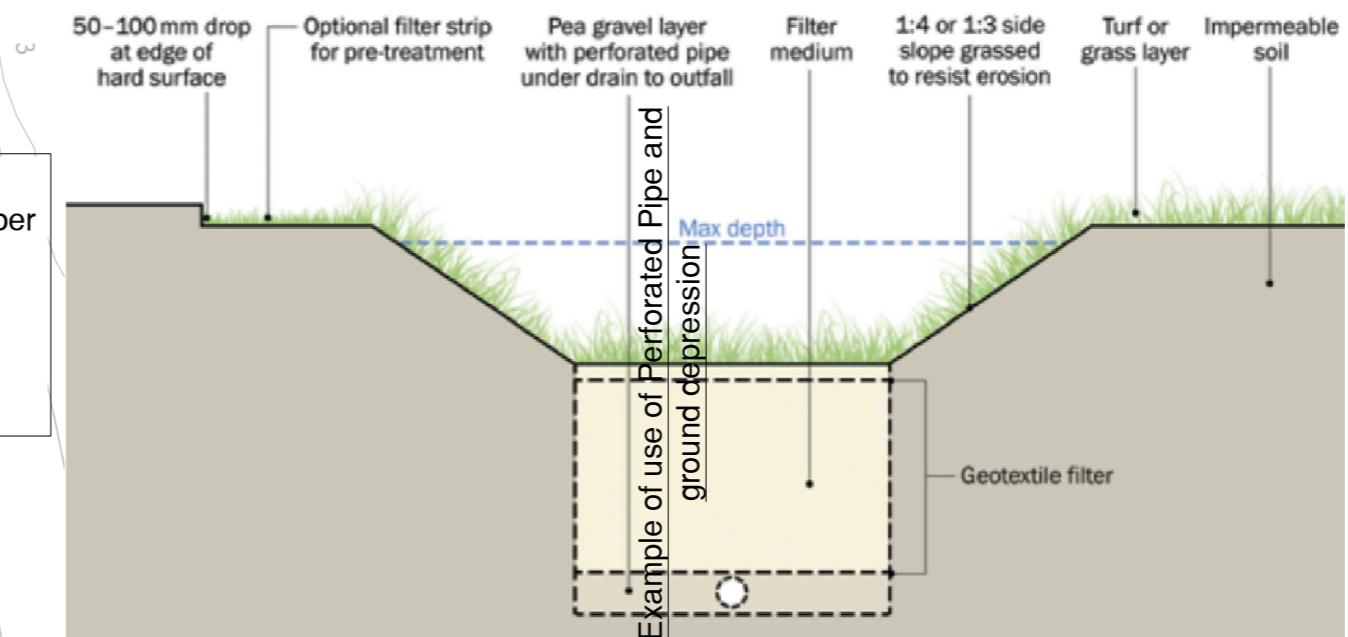
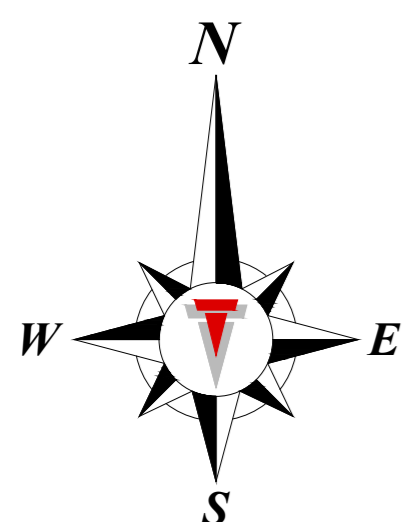


GENERAL NOTES:

1. Before construction commences, the setting out Engineer shall ensure that all setting out information is mutually compatible with all the drawings and documents provided by the designers. Where information is apparently contradictory or ambiguous, the design Engineer and/or the Architect is to be informed immediately. Thomas Consulting will accept no liability for setting out errors where work is constructed to incorrect information.
2. All drawings and documents are to be read in conjunction with one another, are mutually compatible and shall be read as such. All documents shall be checked to ensure that they are compatible by the contractor before construction commences. In the event of apparent ambiguity or contradiction the engineer and/or architect shall be notified immediately. Thomas Consulting accept no liability in the event of not being so notified and where construction work has commenced.
3. In accordance with CDM regulations 2015 this drawing has been prepared with due attention to identifying any unusual design hazards that may exist. Unusual design hazards are hazards that a reasonably competent contractor, experienced in this type of work may not be expected to identify. In dealing with unusual design hazards we have adopted the "ERIC" principle and where possible eliminated (E) the hazard at design stage. If it has not been possible to eliminate the hazard we have endeavoured to reduce (R) it. Where it has not been possible to eliminate these hazards, the hazard is noted on the drawing with appropriate information (I) in order that the hazard can be controlled (C) during construction. It is the contractor's responsibility to fully acquaint themselves with all construction drawings before commencing construction and if in doubt about any matter to ask for clarification from the designer.
4. All drawings issued electronically for this scheme are provided for the sole purpose of assisting the design, procurement or construction of the structures for which Thomas Consulting have been appointed as Design Engineers/Consultants. They may not be used for any other purpose, nor may they be amended, copied, redistributed or issued to third parties without the written agreement of Thomas Consulting. All drawings remain under copyright to, and the intellectual property of, Thomas Consulting. Upon completion of the project, all drawings are to be deleted from your computer systems and all other electronic copies destroyed. Where electronic copies of final drawings are to be issued, these will be provided in a digital only format by Thomas Consulting (no other copies may be retained). By opening and using this drawing, it is assumed that you agree to abide by these Terms and Conditions.
5. Unless expressly agreed with a director of Thomas Consulting Ltd, for the purposes of the CDM regulations 2015 Thomas Consulting are not the Principal Designer. The client has been advised that they are required to appoint a Principal Designer. For further information see <http://www.hse.gov.uk/>.



**Key**

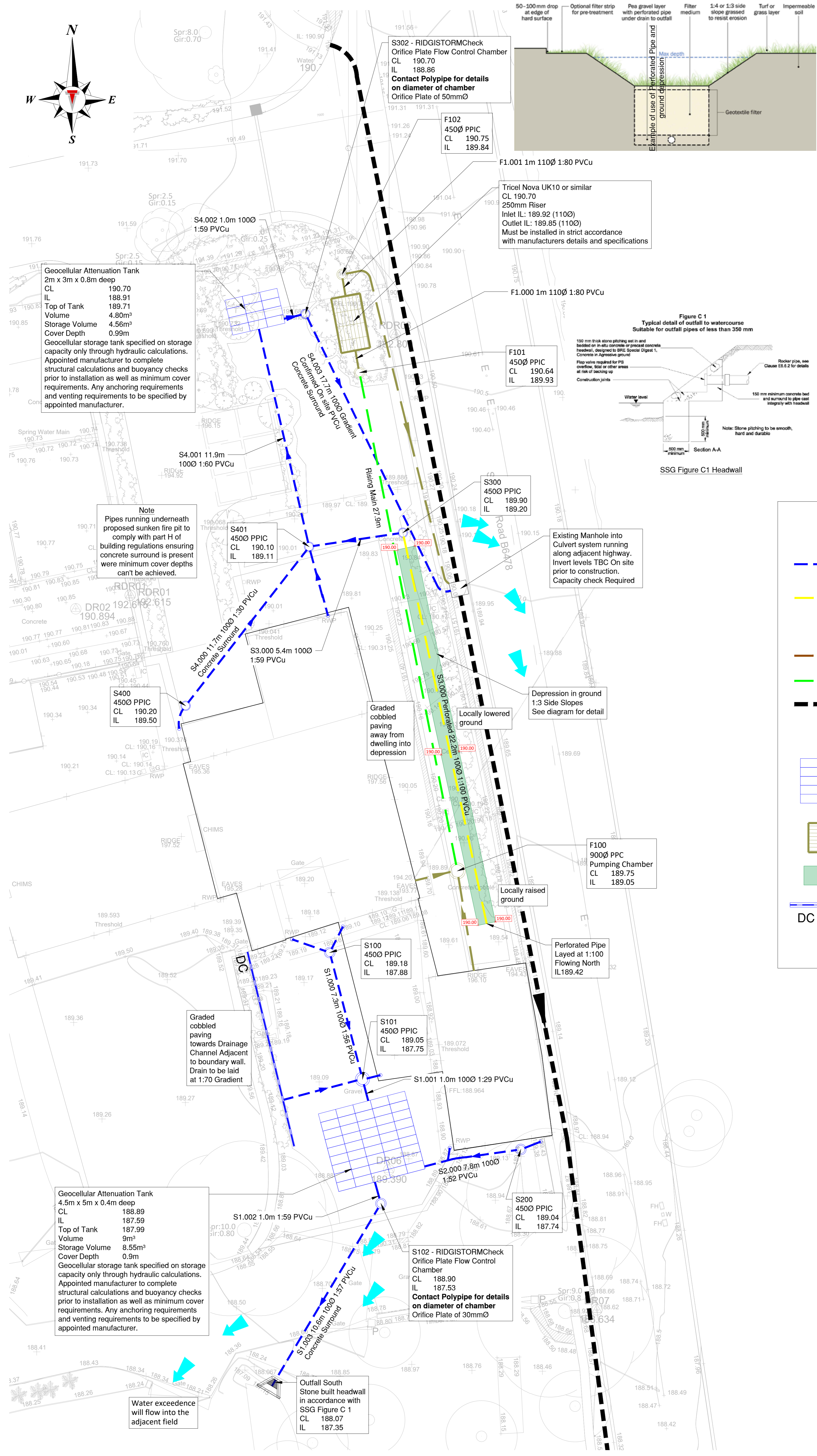
- Surface Water Polypropylene Inspection Chamber (PPIC)
- Surface Water Un-plasticised Poly Vinyl Chloride Pipe (PVCu)
- Perforated Filter Drain
- Foul Water Polypropylene Inspection Chamber (PPIC)
- Foul water pipe Un-plasticised Poly Vinyl Chloride Pipe (PVCu)
- Rising Main
- Existing Surface Water Culverted Watercourse
- Exceedance Route
- Geocellular Attenuation Tank
- Tricel Nova UK10 Package Treatment Plant
- Depression in ground of landscaped area
- ACO Cividrain C100 0.0 (11.00m)
- Stone Built Headwall

REVISIONS				
REV	DATE	DESCRIPTION	DRAWN BY	CHECKED BY
A	23/08/23	Updated Northern drainage network based on client feedback	CS	JP
B	07/11/23	Minor updates	CS	MJ

DRAWING STATUS: FOR PLANNING

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CLIENT: MARK HURST  
PROJECT: TEAWOOD FARM BARN, WADDINGTON  
DRAWING TITLE: DRAINAGE LAYOUT  
DATE CREATED: 10/08/2023 | DRAWING SCALE: 1:100 | DRAWN BY: CS | CHECKED BY: JP | QA CATEGORY:  
DRAWING REF: TC / L12135 / 23 / 102 | REV: B



**Geocellular Attenuation Tank**  
2m x 3m x 0.8m deep  
CL 190.70  
IL 188.91  
Top of Tank 189.71  
Volume 4.80m<sup>3</sup>  
Storage Volume 4.56m<sup>3</sup>  
Cover Depth 0.99m  
Geocellular storage tank specified on storage capacity only through hydraulic calculations. Appointed manufacturer to complete structural calculations and buoyancy checks prior to installation as well as minimum cover requirements. Any anchoring requirements and venting requirements to be specified by appointed manufacturer.

**Note**  
Pipes running underneath proposed sunken fire pit to comply with part H of building regulations ensuring concrete surround is present were minimum cover depths can't be achieved.

**Geocellular Attenuation Tank**  
4.5m x 5m x 0.4m deep  
CL 188.89  
IL 187.59  
Top of Tank 187.99  
Volume 9m<sup>3</sup>  
Storage Volume 8.55m<sup>3</sup>  
Cover Depth 0.9m  
Geocellular storage tank specified on storage capacity only through hydraulic calculations. Appointed manufacturer to complete structural calculations and buoyancy checks prior to installation as well as minimum cover requirements. Any anchoring requirements and venting requirements to be specified by appointed manufacturer.

**Outfall South**  
Stone built headwall in accordance with SSG Figure C 1  
CL 188.07  
IL 187.35

**Water exceedance**  
will flow into the adjacent field