



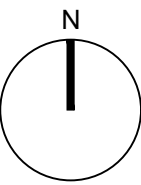
Residual Hazards and Maintenance:

- Unknown locations of buried service apparatus and drainage infrastructure; contractor to obtain details and trace all services prior to commencing main excavation works.
- No allowance has been made in the design for managing site run-off during construction.
- No surface water to discharge to foul water system and vice versa.
- Work to be carried out around adjacent properties.
- New sewer system requires protective cap seals during construction to prevent the entry of water and other liquids.
- Drainage field must be constructed in accordance with the design to ensure aerobic contact with filtration media.
- Sewage treatment plant requires ongoing maintenance and servicing in accordance with the manufacturer's and NRW requirements.
- Drainage field is required to be constructed with very shallow cover, and therefore this area must not be trafficked.

DISCLAIMER NOTES:

DO NOT SCALE THIS DOCUMENT - USE FIGURED DIMENSIONS ONLY
ALL DIMENSIONS MUST BE CHECKED ON SITE PRIOR TO COMMENCEMENT OF ANY RELATED WORKS.
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OS MAPPING OBTAINED FROM PROMAP LICENCE No. 100022432
REPRODUCED BY BERRYS UNDER OS LICENCE No. 100003668

SCALE BAR & NORTH POINT:



Notes:

- For construction details refer to drawing SA44797-BRY-ST-PL-C-0002.
- System designed to comply with the NRW guidance document 'Advice to planning authorities for planning applications affecting phosphorus sensitive river Special Areas of Conservation'.
- Contractor to check all dimensions and levels. The Berrys Engineering team shall be contacted to discuss any queries or issues.
- Displayed levels are in metres and based on Ordnance Survey datum
- To be read in conjunction with supplied calculation sheets.
- All foul water drainage pipes are to be 100mm diameter with a minimum gradient of 1:80.
- Package treatment plant to be a located a minimum of 7 metres from all buildings.
- It is proposed to treat the foul drainage via a package treatment plant which then overfalls to a packaged pumping station which discharges to the drainage field.
- Sewage treatment plant requires regular inspections and at least annual treatment intervals.
- Drainage field areas to be planted with meadow grass, areas to be kept clear to shrubs and trees.

Key:

- Thermoplastic effluent drainage pipe, 100mm dia.
- Inspection chamber, 450mm internal dia. cover level and invert as indicated.
- Packaged sewage treatment plant to EN 12566- 2005 as WTE Vortex (or similar approved), for a minimum population of 8P. To be installed in accordance with the manufacturers instructions.
- Packaged pumping station, 1800 litre minimum inflow capacity with twin pumps and high level alarm. To be installed in accordance with the manufacturers instructions.
- Foul effluent drainage field, refer to detail.

REV	DESCRIPTION	DATE	BY	CHKD
1	BEECH HOUSE SHREWSBURY BUSINESS PARK SHREWSBURY SHROPSHIRE SY2 6FG			
ORIGINATING OFFICE:				

BERRYS

STATUS: **CONSTRUCTION**

CLIENT:
Etonbrook Investment Ltd

PROJECT:
Old Farmhouse, Coed Derwen

DRAWING:
Detailed Foul Drainage Design

SCALE @ A1: DRAWN BY: CHKD BY: DATE:
1:125 AJB RSH 31.08.22

DRAWING No: REVISION:
SA44797 -BRY-ST -PL- C - 0001_ -