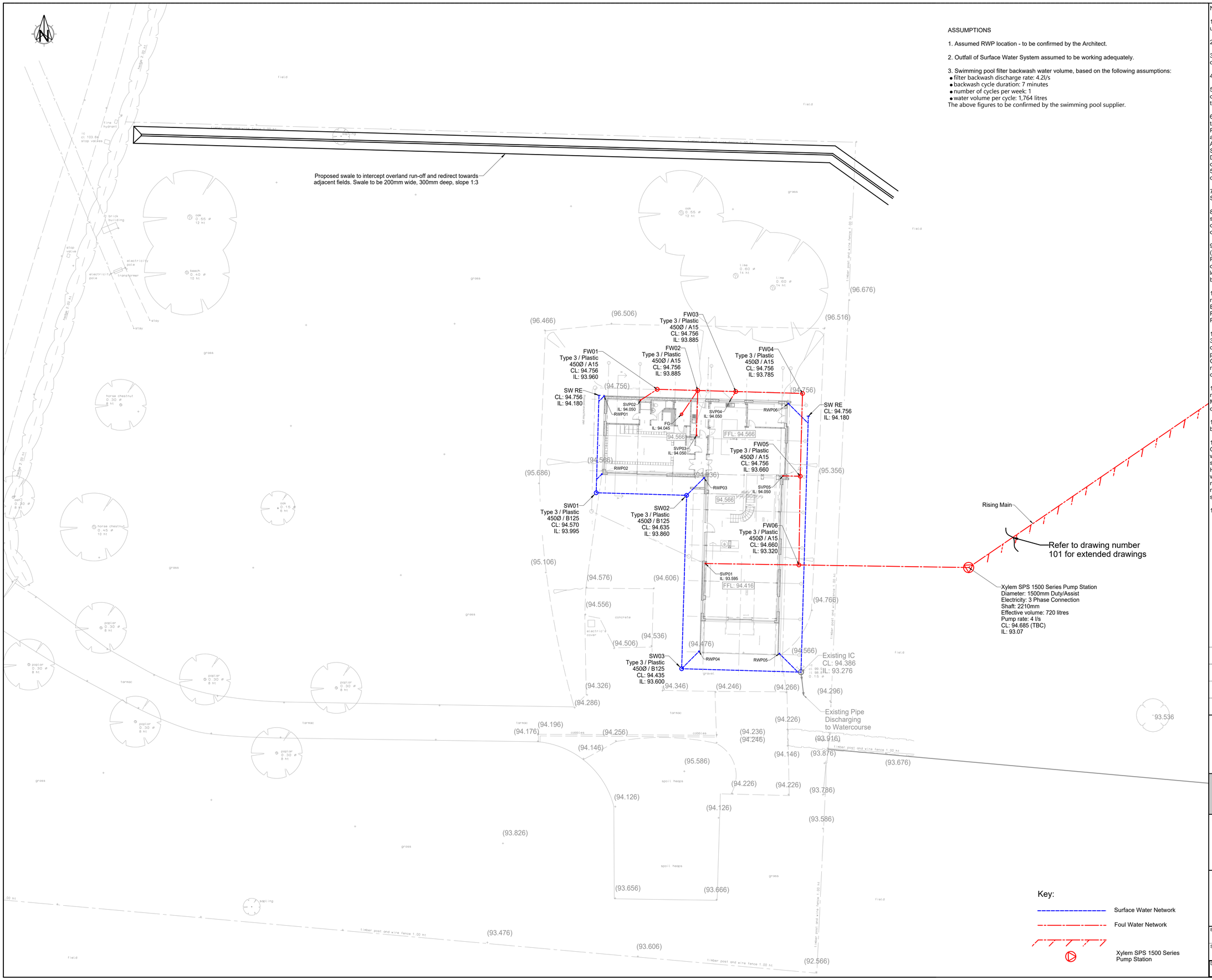

ASSUMPTIONS

1. Assumed RWP location - to be confirmed by the Architect.

2. Outfall of Surface Water System assumed to be working adequately.

3. Swimming pool filter backwash water volume, based on the following assumptions:
- filter backwash discharge rate: 4.2l/s
- backwash cycle duration: 7 minutes
- number of cycles per week: 1
- water volume per cycle: 1,764 litres

The above figures to be confirmed by the swimming pool supplier.

NOTES

1. All dimensions are in millimetres and levels in m AOD unless stated otherwise.

2. Do not scale. If in any doubt, consult Engineer.

3. Read in conjunction with the Struct Engineer's drawings.

4. RWP connection by Architect detail.

5. Check inverts and sizes of existing pipes prior to the commencement of any work. Report any discrepancies to the engineer and await instructions.

6. The level information shown on this drawing has been taken from Roger Coy Partnership Topographical Survey Plan No 3528/01 dated May 2014.The levels are based on a local reference point so they are not in metres AOD. A correction to these levels has been done by Solid Strucutures on 5 March 2018 using a Leica Sprinter 150 Digital Level and measuring tape. In accordance with this correction, the levels shown the Topographical Survey are 5.584m above the AOD system. Therefore, the levels shown on the current drawing are the corrected levels (in m AOD).

7. Sewer records have been taken from Cherwell Construction Services, drawing No CD 2492/7 dated May 1995.

8. The contractor shall take all necessary measures to satisfy himself as to the location of the existing services and connection points. Excavation should be undertaken in compliance with HSG47.

9. All pipework to be 110mm Thermoplastics U-PVC (Polyipe) installed at levels marked on this drawing. Pipe bedding should be class Z in pipes within 1.5m of the building or shallower than 700mm below ground level. For all other areas the pipe bedding should be class S.

10. Joints and fittings for gravity sewers shall comply with the relevant provisions of BS EN 1401-1, BS EN 1852 and BS EN 12666-1. Pipes shall have a limit of 6% deformation. Pipes shall be SN8 ring stiffness and stamped accordingly. Pipe sections shall not be longer than 3m.

11. Plastic chambers and rings shall comply with BS EN 3598-1 or BS EN 13598-2 as appropriate. Inspection chamber covers and frames shall comply with the relevant provisions of BS EN 124, BS7903 and Highways Agency Guidance Document HA 104/09. Theyshall be of a non-rocking design which does not rely on the use of cushion inserts.

12. All inspection chamber covers shall be the non-ventilating type and shall have closed keyways. Manhole covers to be set square to the foundations. Covers of existing manholes to be adjusted to match final levels.

13. All spurs to be 110mm dia /300mm pipe length with a blanking off cap.

14. Testing of pipelines should be as follow:
Gravity Pipework: Air pipe testing. Pipework should withstand a pressure of 100mm water gauge and this should not fall by more than 25mm in a 5minute period. However where traps or gullies are connected they should withstand a pressure of 50mm water gauge and this should not fall by more than 12mm in a 5minute period. It is recommended that pipework installations are tested in sections rather than waiting to complete in one operation.

15. Refer to drawing No 1377S-102 for Standard Details

Rev	Description	Date
T1	Preliminary	01.05.18

SOLID STRUCTURES

Solid Studio
12 Albion Street
Chipping Norton OX7 5BJ

Tel: 01608 690 858
info@solid-structures.com
www.solid-structures.com

Project

Brooklands Barn,
Bodicote

Drawing Title

Drainage Layout
Sheet 1 of 2

By	Date	Checked	Date
TE	01.05.18	ARD	01.05.18

Scale	Job Number
1:200 @ A1	1377S
Drawing Status	**Drawing Number**
Tender	100T1