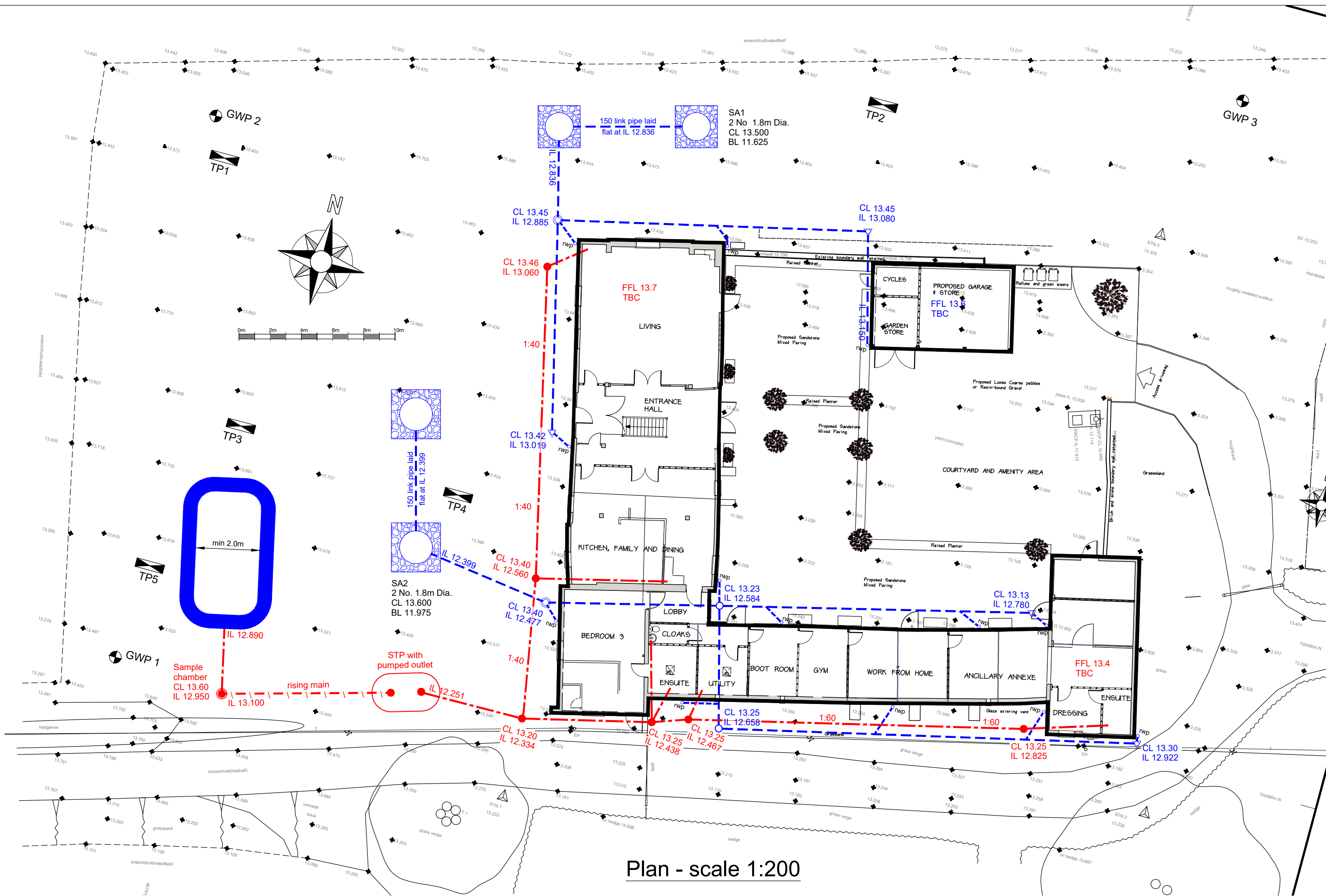
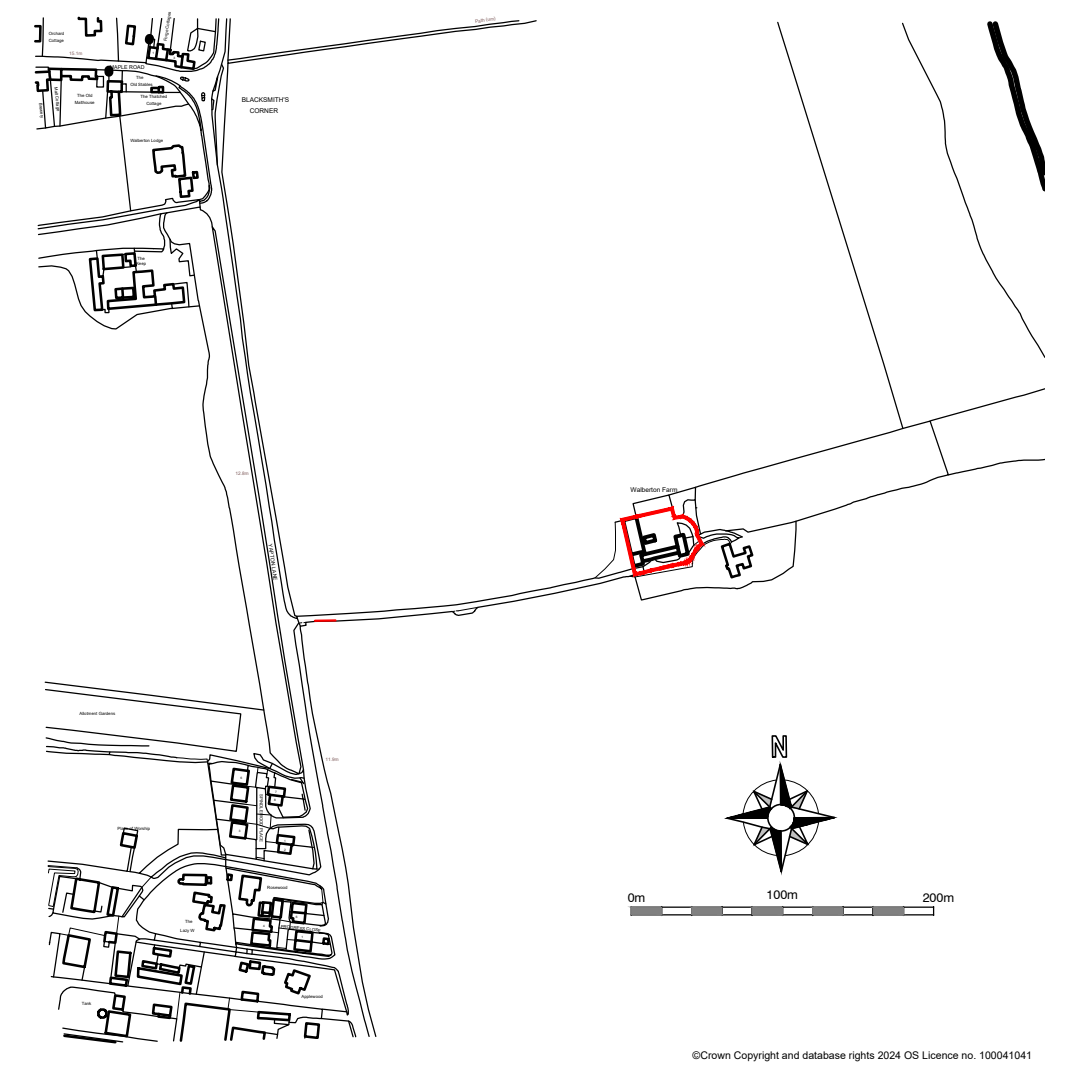




Plan - scale 1:200

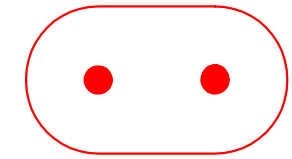


Location Plan - scale 1:5000

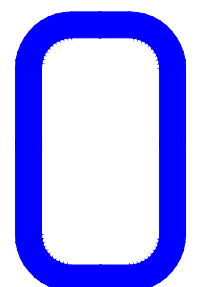
Key

- Proposed surface water drainage 100mm dia @ min 1:100
- Proposed foul water drainage 100mm Dia @ min 1:80
- Proposed foul water rising main 50mm Dia or as STP suppliers requirements
- Concrete ring soakaway Dimensions as layout plan

- 450 dia Type E foul water inspection chamber
- 450 dia Type E surface water inspection chamber
- 450 dia silt trap inspection chamber with min. 300 sump depth
- 300 dia Type E surface water inspection chamber
- 450 dia foul water sample chamber with 150mm drop internally
- Rainwater downpipe with rodding access



Proposed foul water sewage treatment plant to BS EN 12566 meeting British Water approval. STP to have a pumped outlet to the drainage field



Drainage field to current Building Regulations comprising 25m of 100mm Dia. half perforated plastic pipes in shingle surround as per detail on Construction Details Drawing. Pipes laid at a gradient of 1:200

Test results from TP3

- Test 1 0.84 secs/mm
- Test 2 1.02 secs/mm
- Test 3 1.42 secs/mm

Test results from TP5

- Test 1 0.86 secs/mm
- Test 2 0.97 secs/mm
- Test 3 1.40 secs/mm

TP1	TP2	TP4
Results from percolation testing	Results from percolation testing	Results from percolation testing
Test 1 2.219 x 10 ⁻⁴ m/s Test 2 1.802 x 10 ⁻⁴ m/s Test 3 1.672 x 10 ⁻⁴ m/s	Test 1 1.533 x 10 ⁻⁴ m/s Test 2 9.022 x 10 ⁻⁵ m/s Test 3 9.316 x 10 ⁻⁵ m/s	Test 1 1.303 x 10 ⁻⁴ m/s Test 2 9.928 x 10 ⁻⁵ m/s Test 3 8.406 x 10 ⁻⁵ m/s
Note: Tests carried out in 1700 x 500mm test pit	Note: Tests carried out in 1850 x 450mm test pit	Note: Tests carried out in 2150 x 450mm test pit

-	Original			RTFC	8.6.26
Rev.	Description	App.	Chk.	Drn.	Date
Client					
Simon Arch					
Project					
Walberton Farm Walberton					
Drawing Title					
Foul and Surface Water Drainage Layouts					
Robert Clark Chartered Civil Engineer Willow Cottage, Herne Lane, Rustington West Sussex BN16 3EE Bob.clark1485@gmail.com 07778 903891					
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Scale		As shown		At original A2	
Drawing Number		2138/D1		Revision	
				-	