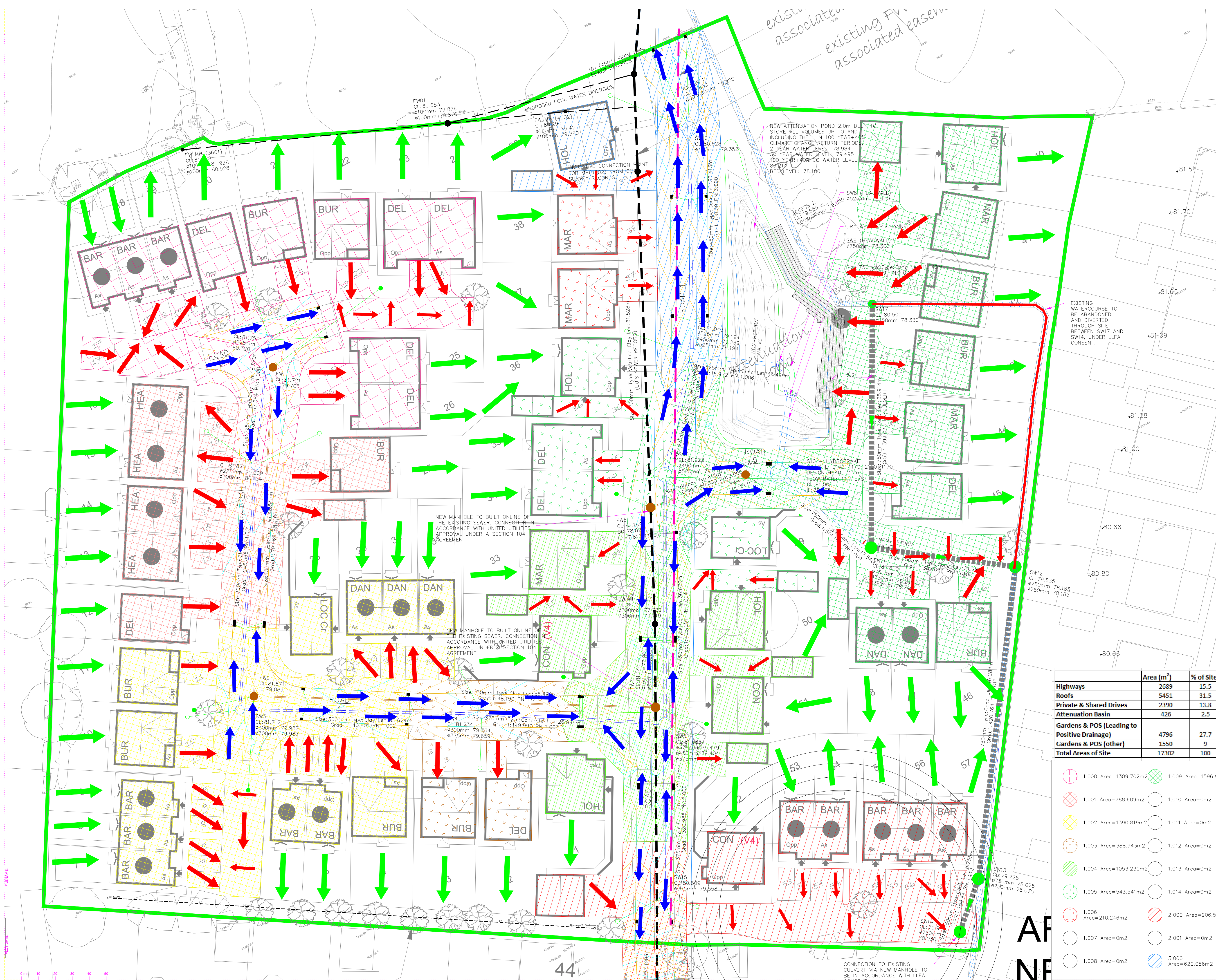
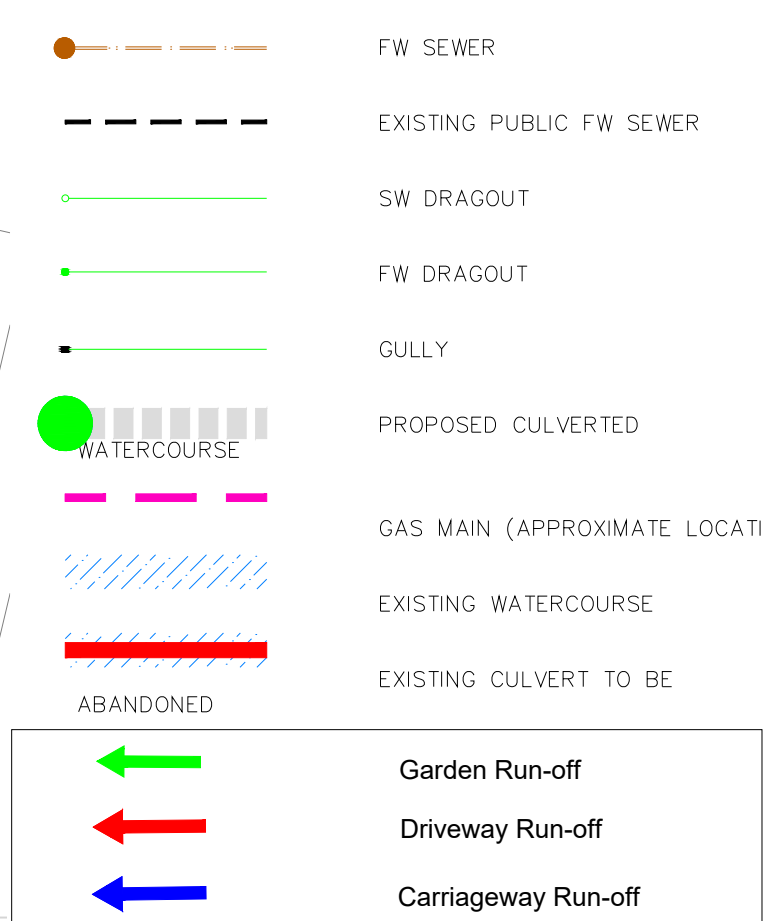




- NOTES:
1. ALL SEWERS ARE DESIGNED IN ACCORDANCE WITH SEWERS FOR ADOPTION 6TH EDITION AND UNITED UTILITIES GUIDELINES AND STANDARD DETAILS.
 2. ALL CO-ORDINATES AND LEVELS SHOWN ARE RELATIVE TO THE TOPOGRAPHIC SURVEY.
 3. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THE LINE AND LOCATION OF ANY EXISTING SEWERS, AS WELL AS ANY EXISTING GROUND AND INVERT LEVELS SHOWN ON THE DRAWING ARE CORRECT PRIOR TO THE COMMENCEMENT OF ANY WORKS. ANY DISCREPANCIES MUST BE MUST BE REPORTED IMMEDIATELY.
 4. PRIOR TO THE COMMENCEMENT OF ANY ON SITE WORKS THE CONTRACTOR MUST CONTACT THE STATUTORY UNDERTAKER AND BE IN POSSESSION OF THE LATEST DRAWINGS SHOWING THEIR APPARATUS.
 5. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ALLOW FOR THE SUPERVISION OF THE CONSTRUCTION WORKS BY UNITED UTILITIES AND/ OR THE HIGHWAYS AUTHORITY. THE CONTRACTOR WILL NOTIFY THE SUPERVISING OFFICER GIVING NOTICE WHICH WILL BE IN ACCORDANCE WITH THE AUTHORITIES REQUIREMENTS. THE PROPOSED SEWERS WILL BE CLAY PIPE WORK AND SHALL BE EXTRA STRENGTH TO BS EN 295:1991 PART 1.
 6. ANY PCC PIPE WORK WILL BE IN ACCORDANCE WITH BS EN 1916:2002.
 7. ALL MANHOLES AND CHAMBERS SHALL BE IN ACCORDANCE WITH BS EN 1917:2002.
 8. SEWERS WITH COVER TO SOFFIT (GREATER THAN 1.2m IN ROADS AND 0.9m IN FIELDS SHALL HAVE BED AND SURROUND AS FOLLOWS: RIGID PIPE EMBEDMENT SHALL BE CLASS 3. SEMI RIGID PIPE EMBEDMENT SHALL BE CLASS 5 ALL IN ACCORDANCE WITH UNITED UTILITIES STANDARD DETAIL STD/05/001.
 9. THE INVERT LEVELS SPECIFIED AT THE DRAG OUT CHAMBER ARE INCOMING LEVELS.
 10. WHEREVER POSSIBLE PRIVATE DRAINAGE RUNS WILL REMAIN WITHIN THE CURTILAGE OF THE DWELLING FOR WHICH THEY SERVE.
 11. THE CONNECTION TO THE ADOPTABLE SEWER SHALL BE MANUFACTURED JUNCTION PIPES A SADDLE CONNECTION IS NOT PERMITTED UNLESS IT IS CLEARLY SPECIFIED.
 12. ANY SEWER FOR ADOPTION WITH A COVER OF LESS THAN 1.2m TO PIPE SOFFIT IN ROADS OR 0.9m TO PIPE SOFFIT IN FIELDS WILL HAVE A MINIMUM 150mm GEN 3 CONCRETE BED AND SURROUND WITH FLEXIBILITY MAINTAINED WITH FLEXCELL EXPANSION JOINT FILLER OR SIMILAR APPROVED AT EACH PIPE JOINT.
 13. CONNECTIONS TO THE EXISTING SEWER WILL BE IN



	Area (m ²)	% of Site
Highways	2689	15.5
Roofs	5451	31.5
Private & Shared Drives	2390	13.8
Attenuation Basin	426	2.5
Gardens & POS (Leading to Positive Drainage)	4796	27.7
Gardens & POS (other)	1550	9
Total Areas of Site	17302	100

1.000 Area=1309.702m ²	1.009 Area=1596.939
1.001 Area=788.609m ²	1.010 Area=0m ²
1.002 Area=1390.819m ²	1.011 Area=0m ²
1.003 Area=388.943m ²	1.012 Area=0m ²
1.004 Area=1053.230m ²	1.013 Area=0m ²
1.005 Area=543.541m ²	1.014 Area=0m ²
1.006 Area=210.246m ²	2.000 Area=906.586m ²
1.007 Area=0m ²	2.001 Area=0m ²
1.008 Area=0m ²	3.000 Area=620.056m ²

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DO NOT SCALE DRAWINGS. IF IN DOUBT, ASK!

Project Name
HAWTHORNE FARM CLITHEROE

Client
PERSIMMON HOMES

Designed	Drawn	Checked	Scale @ A1
D.A.	D.A.	R.A.	1:250

Drawing Title
Surface Water Displacement Plan

Project No
19310

Drawing No
19310-EDGE-XX-XX-DR-C-2004

PRELIMINARY
NOT FOR CONSTRUCTION

Revision