

- 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 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.
 6. THE PROPOSED SEWERS WILL BE CLAY PIPE WORK AND SHALL BE EXTRA STRENGTH TO BS EN 295:1991 PART 1.
 7. ANY RCP PIPE WORK WILL BE IN ACCORDANCE WITH BS EN 1916:2002.
 8. ALL MANHOLES AND CHAMBERS SHALL BE IN ACCORDANCE WITH BS EN 1917:2002.
 9. 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 S ALL IN ACCORDANCE WITH UNITED UTILITIES STANDARD DETAIL STD/05/001.
 10. PRIVATE DRAINAGE CONNECTIONS TO THE SEWER WILL BE 150MM DIAMETER AND LAID TO THE SPECIFIED INVERT.
 11. THE INVERT LEVELS SPECIFIED AT THE DRAG OUT CHAMBER ARE INCOMING LEVELS.
 12. WHEREVER POSSIBLE PRIVATE DRAINAGE RUNS WILL REMAIN WITHIN THE CURTILAGE OF THE DWELLING FOR WHICH THEY SERVE.
 13. THE CONNECTION TO THE ADOPTABLE SEWER SHALL BE MANUFACTURED JOINTION PIPES A SADDLE CONNECTION IS NOT PERMITTED UNLESS IT IS CLEARLY SPECIFIED.
 14. 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.
 15. CONNECTIONS TO THE EXISTING SEWER WILL BE IN ACCORDANCE WITH SECTION 104 APPROVAL GRANTED BY UNITED UTILITIES.
 24. CONNECTIONS TO THE EXISTING WATERCOURSE WILL BE IN ACCORDANCE WITH APPROVAL GRANTED BY THE EA.

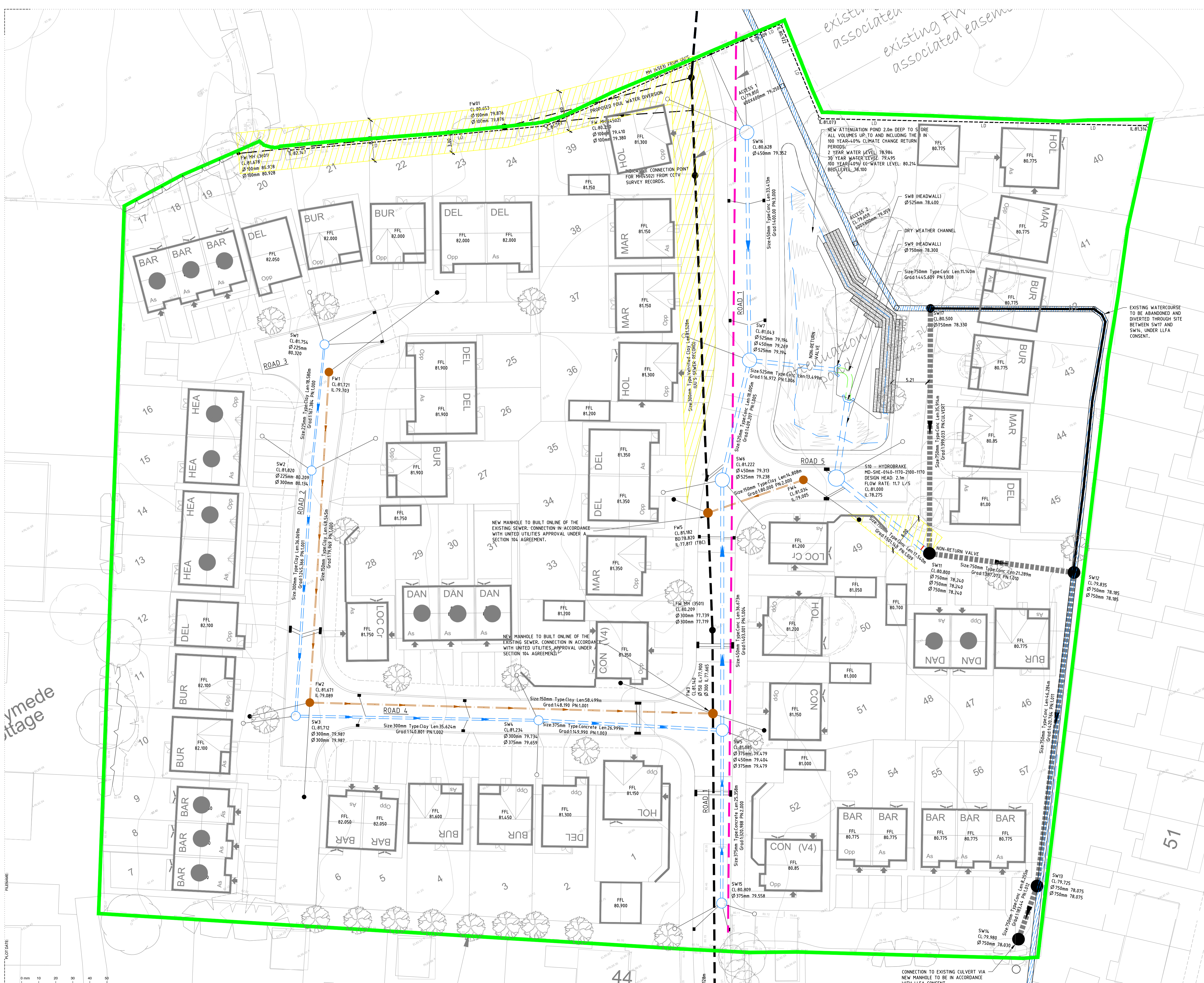
- KEY:**
- SW SEWER
 - FW SEWER
 - PROPOSED LAND DRAINAGE
 - EXISTING PUBLIC FW SEWER
 - PROPOSED FW DIVERSION
 - SW DRAUGHT
 - FW DRAUGHT
 - GULLY
 - PROPOSED CULVERTED WATERCOURSE
 - GAS MAIN (APPROXIMATE LOCATION)
 - EXISTING WATERCOURSE
 - EXISTING CULVERT TO BE ABANDONED

P18	03.03.22	Updated to LCC comments	M.A. R.A.
P17	08.09.22	Climate change allowance updated	M.A. R.A.
P16	21.04.22	Drainage updates to as built culvert levels	M.A. R.A.
P15	07.04.22	FW3 connection updates	M.A. R.A.
P14	25.02.22	Gully positions update in line with road	J.C. R.A.
P13	21.02.22	FFL for garage behind plot 1 updated	H.S. R.A.
P12	15.02.22	Pond and FFLs updated along southern boundary.	J.C. R.A.
Rev	Date	Description	By

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DO NOT SCALE DRAWINGS. IF IN DOUBT, ASK!

Project Name:
HAWTHORNE FARM CLITHEROE
 Client:
PERSIMMON HOMES
 Designed: **D.A.** Drawn: **D.A.** Checked: **R.A.** Scale: **1:250**
DRAINAGE LAYOUT
 Project No:
19310
 Drawing No:
19310-EDGE-XX-XX-DR-C-C2001 P18
PRELIMINARY NOT FOR CONSTRUCTION



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 atage

FILENAME:
 PLOT DATE:

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CONNECTION TO EXISTING CULVERT VIA NEW MANHOLE TO BE IN ACCORDANCE WITH IJFA CONSENT.