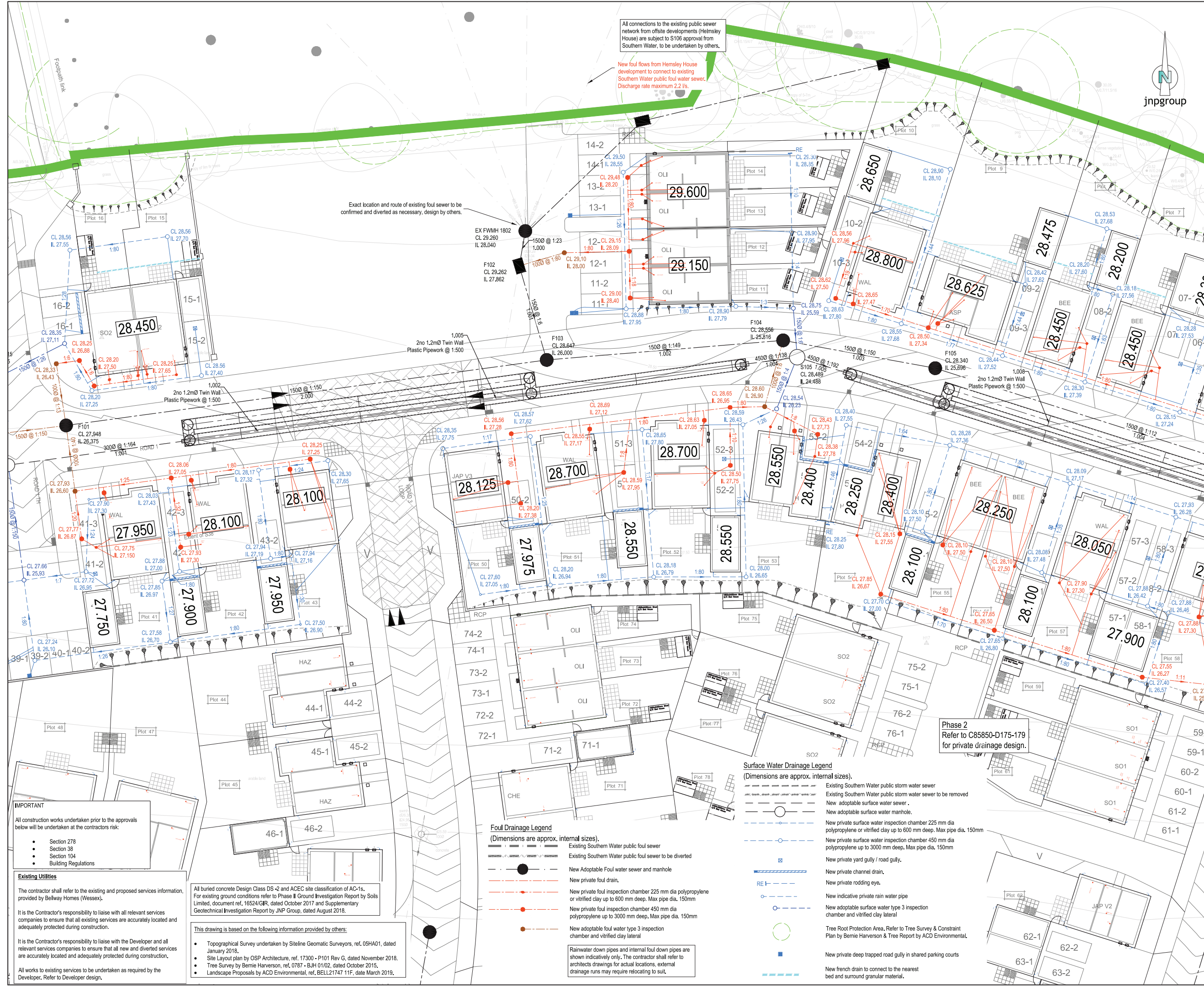




- Notes:-
- Where this drawing has been issued in electronic .dwg format it has been done so in good faith, jnpgroup do not take any responsibility for any inaccuracies in the electronic data, which should be checked against the paper (or .pdf) drawing issue. Any apparent discrepancies should be immediately reported to jnpgroup. The electronic .dwg file should not be assumed to be to scale and should not be used for 'overlying', setting out or checking of any third party information. All dimensions should be taken from the paper (or .pdf) version of the drawing. Electronic drawings may contain third party information, jnpgroup take no responsibility for this information, which should be checked against the originators paper drawing(s).
  - All working dimensions to be checked on site.
  - Do not scale.
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  - Copyright reserved. This drawing may only be used for The Client and location specified in the title block. It may not be copied or disclosed to any third party without the prior written consent of jnpgroup.
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Health and Safety Note:  
The details on this drawing have been prepared on the assumption that a competent contractor will be carrying out the works. If the contractor(s) considers that there is insufficient Health and Safety information on this drawing, this should immediately be brought to the attention of the designer.



### Context Plan

NTS  
Refer to drawing no. C85850-D164 for private drainage notes

| Rev. | Date     | Amendment                                                                                                             | By | Chk. |
|------|----------|-----------------------------------------------------------------------------------------------------------------------|----|------|
| E    | 09.10.19 | New foul drainage connection from off-site sewer notes added.                                                         | KT | KT   |
| D    | 07.06.19 | Drainage levels updated to suit updated garden levels in plots south of Road 1.                                       | KM | KT   |
| C    | 11.02.19 | Boundary levels and retaining structures between phase 1 and Phase 2 revised following phase2 revised external levels | IS | KM   |
| B    | 21.01.19 | Phase 1 revised to suit client comments                                                                               | IS | KM   |
| A    | 09.10.18 | Status revised to construction. Drainage updated.                                                                     | CT | KM   |



|             |                                                 |
|-------------|-------------------------------------------------|
| Client      | Bellway Homes                                   |
| Job         | Bartons Road<br>Havant, Hampshire               |
| Title       | Phase 1 Private Drainage Layout<br>Sheet 2 of 3 |
| Scale       | 1:200 @ A1 Date July 2018                       |
| Drawn by    | CT                                              |
| Checked by  | KM                                              |
| Approved by | KM                                              |
| Drawing No. | C85850-D165                                     |
| Rev.        | E                                               |

**IMPORTANT**  
All construction works undertaken prior to the approvals below will be undertaken at the contractors risk:

- Section 278
- Section 38
- Section 104
- Building Regulations

**Existing Utilities**  
The contractor shall refer to the existing and proposed services information, provided by Bellway Homes (Wessex).

It is the Contractor's responsibility to liaise with all relevant services companies to ensure that all existing services are accurately located and adequately protected during construction.

It is the Contractor's responsibility to liaise with the Developer and all relevant services companies to ensure that all new and diverted services are accurately located and adequately protected during construction.

All works to existing services to be undertaken as required by the Developer, Refer to Developer design.

All buried concrete Design Class DS-2 and ACEC site classification of AC-1s. For existing ground conditions refer to Phase II Ground Investigation Report by Soils Limited, document ref. 16524/GIR, dated October 2017 and Supplementary Geotechnical Investigation Report by JNP Group, dated August 2018.

This drawing is based on the following information provided by others:

- Topographical Survey undertaken by Seline Geomatic Surveyors, ref. 05HA01, dated January 2018.
- Site Layout plan by OSP Architecture, ref. 17300 - P101 Rev G, dated November 2018.
- Tree Survey by Bernie Harverson, ref. 0787 - BJH 01/02, dated October 2015.
- Landscape Proposals by ACD Environmental, ref. BELL21747 11F, date March 2019.

**Foul Drainage Legend**  
(Dimensions are approx. internal sizes).

- Existing Southern Water public foul sewer
- Existing Southern Water public foul sewer to be diverted
- New Adoptable Foul water sewer and manhole
- New private foul drain
- New private foul inspection chamber 225 mm dia polypropylene or vitrified clay up to 600 mm deep. Max pipe dia. 150mm
- New private foul inspection chamber 450 mm dia polypropylene up to 3000 mm deep. Max pipe dia. 150mm
- New adoptable foul water type 3 inspection chamber and vitrified clay lateral

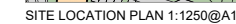
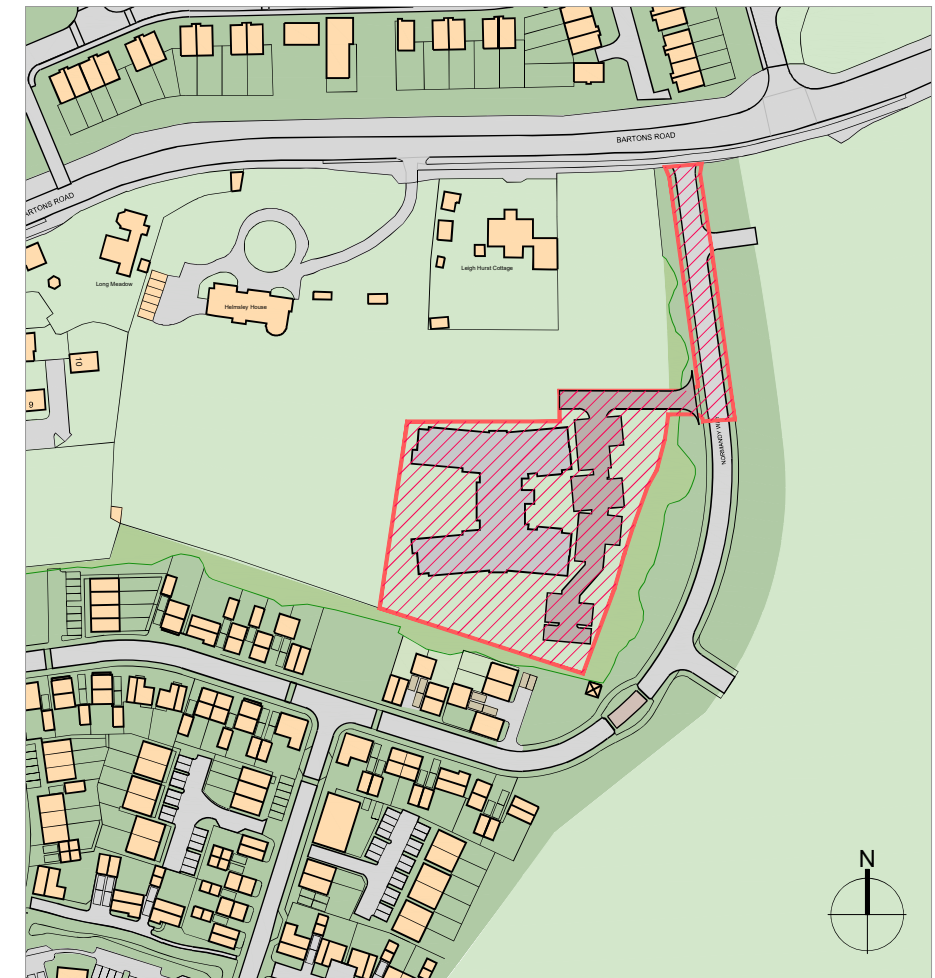
Rainwater down pipes and internal foul down pipes are shown indicatively only. The contractor shall refer to architects drawings for actual locations, external drainage runs may require relocating to suit.

**Surface Water Drainage Legend**  
(Dimensions are approx. internal sizes).

- Existing Southern Water public storm water sewer
- Existing Southern Water public storm water sewer to be removed
- New adoptable surface water sewer
- New adoptable surface water manhole.
- New private surface water inspection chamber 225 mm dia polypropylene or vitrified clay up to 600 mm deep. Max pipe dia. 150mm
- New private surface water inspection chamber 450 mm dia polypropylene up to 3000 mm deep. Max pipe dia. 150mm
- New private yard gully / road gully.
- New private channel drain.
- New private rodding eye.
- New indicative private rain water pipe
- New adoptable surface water type 3 inspection chamber and vitrified clay lateral
- Tree Root Protection Area. Refer to Tree Survey & Constraint Plan by Bernie Harverson & Tree Report by ACD Environmental.
- New private deep trapped road gully in shared parking courts
- New french drain to connect to the nearest bed and surround granular material.



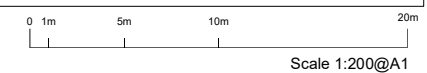
## Appendix D - Architect Proposals



|                                                                                       |                                                                                       |
|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  | - Site Boundary                                                                       |
|  | - 1800mm high metal railing painted black                                             |
|  | - 1800mm high close boarded fencing with 400mm trellis on top                         |
|  | - Retaining wall                                                                      |
|  | - Wild Seed Grass                                                                     |
|  | - Grass Lawn                                                                          |
|  | - Shrub Planting                                                                      |
|  | - Herringbone block paver parking bay 2400 x 4800mm                                   |
|  | - Patio paving<br>450 x 450mm flush paving.                                           |
|  | - Pedestrian path:<br>Macadam smooth, black surface finish flush with concrete edging |
|  | - Garden paths:<br>Resin bound gravel, buff finish, flush with metal edging           |

-  - Proposed new trees
-  - Proposed small / fastigate tree or large shrub
-  - Proposed specimen shrub (1m high on planting)
-  - Existing trees retained & protected (See Arboricultural Survey for details)
-  - Existing groups of trees/ shrubs retained & protected (see Arboricultural Survey for details)
-  - Root protection area
-  - Outline of Extant Planning Scheme

Number of Cycle Spaces: 18  
(5no. Sheffield Stands and 8no. covered cycle store spaces)



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## Appendix E - Proposed Drainage Arrangement

