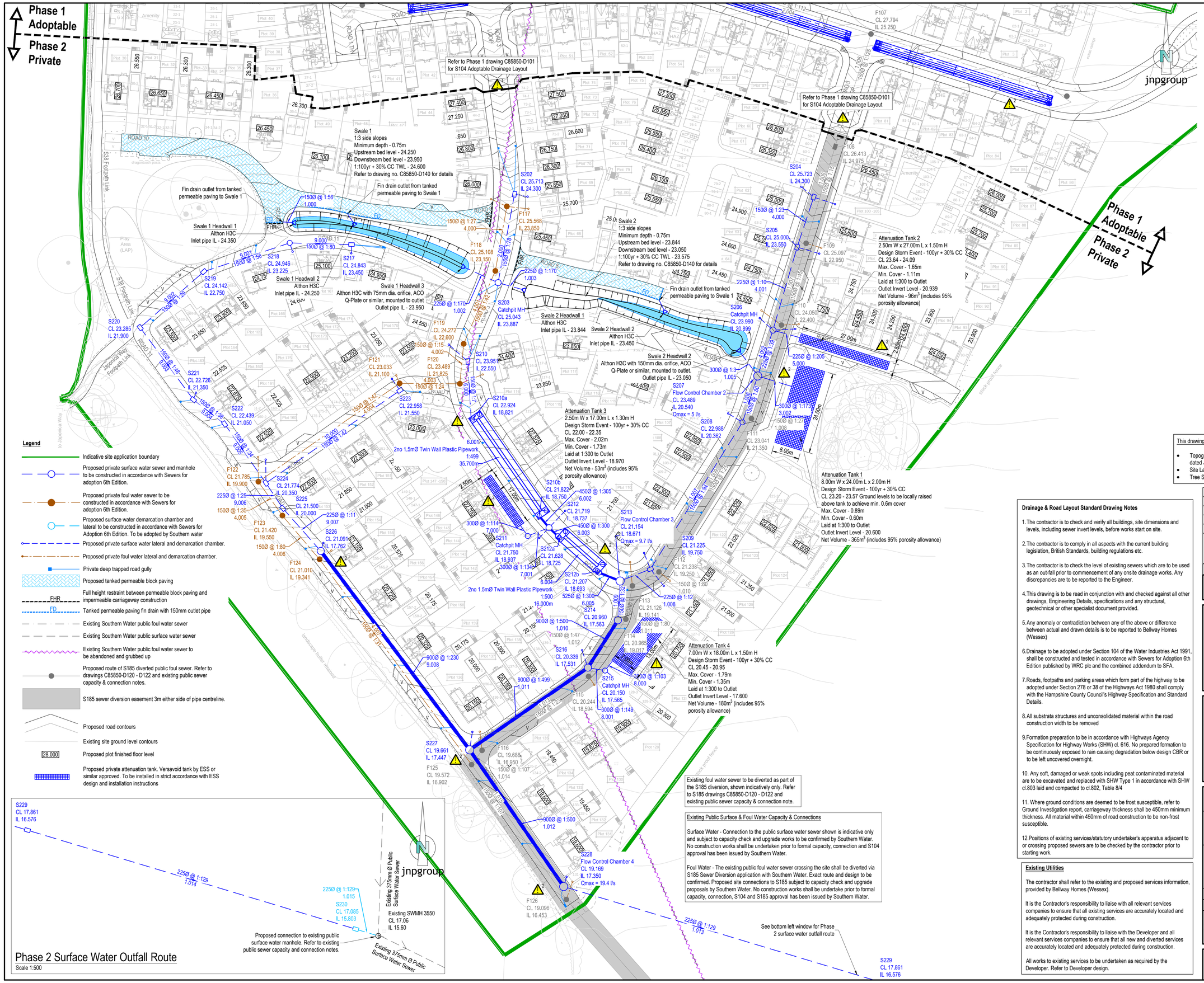

Notes:-

1. 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 'overlaying', 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).
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3. Do not scale.
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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.

Hazard Identification

1. Contact with traffic
2. Deep excavations
3. Existing services
4. Contact with raw sewage

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

- Topographical Survey undertaken by Siteline Geomatic Surveyors, ref. 05HA01, dated January 2018.
- Site Layout plan by OSP Architecture, ref. 17300 - P101 Rev B, dated July 2018.
- Tree Survey by Bernie Harverson, ref. 0787 - BJH 01/02, dated October 2015.

Legend

- Indicative site application boundary
- Proposed private surface water sewer and manhole to be constructed in accordance with Sewers for adoption 6th Edition.
- Proposed private foul water sewer to be constructed in accordance with Sewers for adoption 6th Edition.
- Proposed surface water demarcation chamber and lateral to be constructed in accordance with Sewers for Adoption 6th Edition. To be adopted by Southern water
- Proposed private surface water lateral and demarcation chamber.
- Proposed private foul water lateral and demarcation chamber.
- Private deep trapped road gully
- Proposed tanked permeable block paving
- FHR — Full height restraint between permeable block paving and impermeable carriageway construction
- FD — Tanked permeable paving fin drain with 150mm outlet pipe
- Existing Southern Water public foul water sewer
- Existing Southern Water public surface water sewer
- Existing Southern Water public foul water sewer to be abandoned and grubbed up
- Proposed route of S185 diverted public foul sewer. Refer to drawings C85850-D120 - D122 and existing public sewer capacity & connection notes.
- S185 sewer diversion easement 3m either side of pipe centreline.
- Proposed road contours
- Existing site ground level contours
- 28.000 — Proposed plot finished floor level
- Proposed private attenuation tank. Versavoid tank by ESS or similar approved. To be installed in strict accordance with ESS design and installation instructions

Phase 2 Surface Water Outfall Route

Scale 1:500

Existing foul water sewer to be diverted as part of the S185 diversion, shown indicatively only. Refer to S185 drawings C85850-D120 - D122 and existing public sewer capacity & connection note.

Existing Public Surface & Foul Water Capacity & Connections

Surface Water - Connection to the public surface water sewer shown is indicative only and subject to capacity check and upgrade works to be confirmed by Southern Water. No construction works shall be undertaken prior to formal capacity, connection and S104 approval has been issued by Southern Water.

Foul Water - The existing public foul water sewer crossing the site shall be diverted via S185 Sewer Diversion application with Southern Water. Exact route and design to be confirmed. Proposed site connections to S185 subject to capacity check and upgrade proposals by Southern Water. No construction works shall be undertake prior to formal capacity, connection, S104 and S185 approval has been issued by Southern Water.

See bottom left window for Phase 2 surface water outfall route

Drainage & Road Layout Standard Drawing Notes

1. The contractor is to check and verify all buildings, site dimensions and levels, including sewer invert levels, before works start on site.
2. The contractor is to comply in all aspects with the current building legislation, British Standards, building regulations etc.
3. The contractor is to check the level of existing sewers which are to be used as an out-fall prior to commencement of any onsite drainage works. Any discrepancies are to be reported to the Engineer.
4. This drawing is to be read in conjunction with and checked against all other drawings, Engineering Details, specifications and any structural, geotechnical or other specialist document provided.
5. Any anomaly or contradiction between any of the above or difference between actual and drawn details is to be reported to Bellway Homes (Wessex)
6. Drainage to be adopted under Section 104 of the Water Industries Act 1991, shall be constructed and tested in accordance with Sewers for Adoption 6th Edition published by WRC plc and the combined addendum to SFA.
7. Roads, footpaths and parking areas which form part of the highway to be adopted under Section 278 or 38 of the Highways Act 1980 shall comply with the Hampshire County Council's Highway Specification and Standard Details.
8. All substrata structures and unconsolidated material within the road construction width to be removed
9. Formation preparation to be in accordance with Highways Agency Specification for Highway Works (SHW) cl. 616. No prepared formation to be continuously exposed to rain causing degradation below design CBR or to be left uncovered overnight.
10. Any soft, damaged or weak spots including peat contaminated material are to be excavated and replaced with SHW Type 1 in accordance with SHW cl.803 laid and compacted to cl.802, Table 8/4
11. Where ground conditions are deemed to be frost susceptible, refer to Ground Investigation report, carriageway thickness shall be 450mm minimum thickness. All material within 450mm of road construction to be non-frost susceptible.
12. Positions of existing services/statutory undertaker's apparatus adjacent to or crossing proposed sewers are to be checked by the contractor prior to starting work.

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.

Rev.	Date	Amendment	By	Chk.
A	04.10.18	Existing pond removed from surface water drainage network. Attenuation tank 2 increased in size to offset loss in volume from removal of pond.	KM	KT

Status: Preliminary

Bellway

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Client: Bellway Homes

Job: Bartons Road, Havant, Hampshire

Title: Phase 2 Mains Private Drainage Layout

Scale 1:500 @ A1 | Date August 2018

Drawn by KM | Checked by | Approved by

BMTRADA | UKAS Accredited Certification 012 | CHAS Accredited Contractor | Constructionline Part of Capita plc, Supplier No. 000020

Drawing No. C85850-D131 | Rev. A

QA Ref: QD019 Rev D