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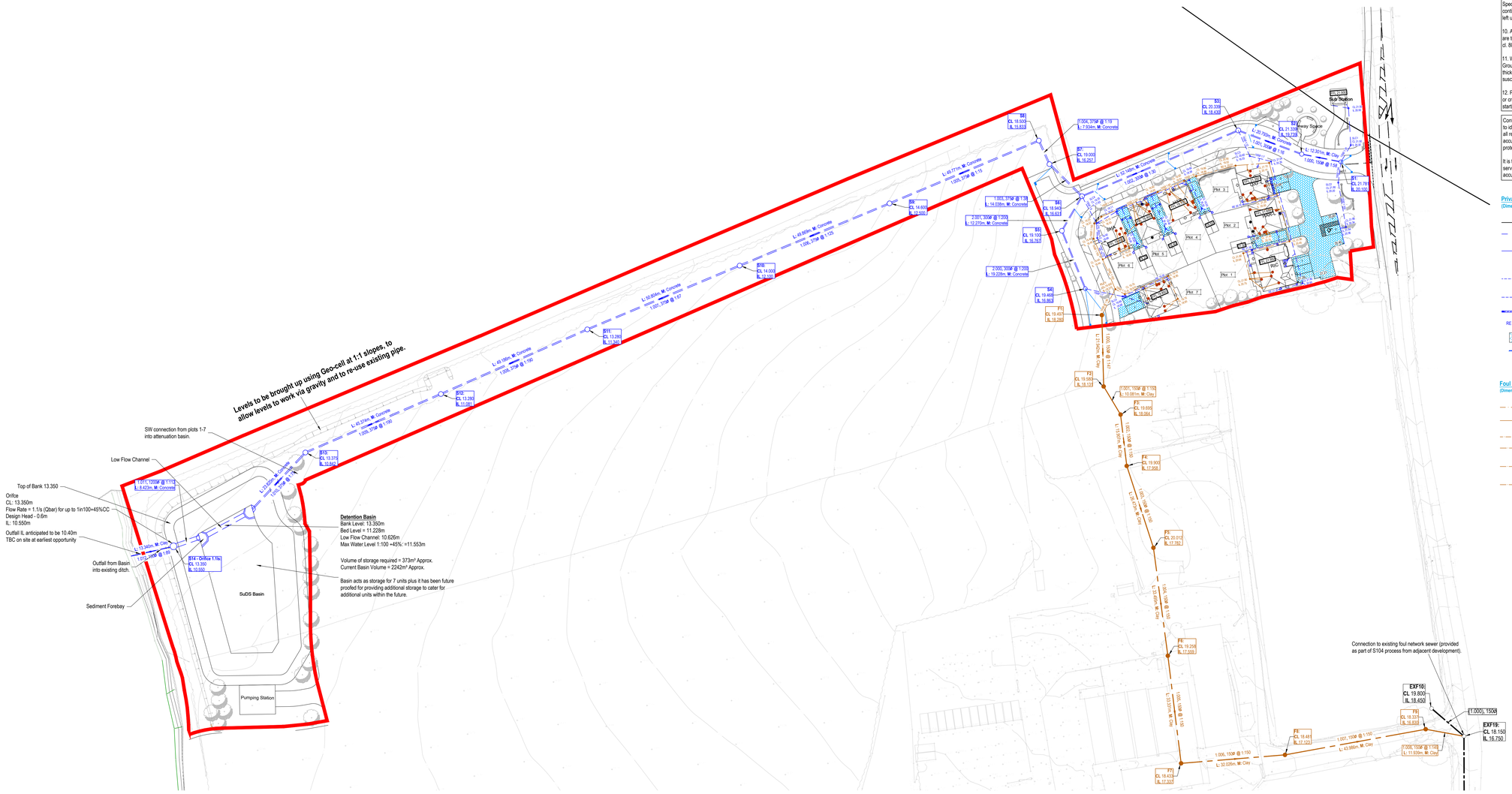

General Notes

1. Where this drawing has been issued in electronic .dwg format, it has been done so in good faith. JNP Group 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 JNP Group. 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. JNP Group take no responsibility for this information, which should be checked against the originators paper drawing(s).
2. All dimensions are millimetres (mm), and levels are in metres (m) unless noted otherwise and should be checked on site prior to construction/fabrication.
3. Do not scale from this drawing. Only figured dimensions are to be relied upon. Don't hesitate to get in touch with JNP Group if additional information is required.
4. Any discrepancies between drawings of different scales and between drawings and specifications, where appropriate, to be reported to JNP Group for decision.
5. 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 JNP Group.
6. This drawing should only be used for construction if the drawing status is "Construction". JNP Group takes no responsibility for construction works undertaken to drawings that are not marked with this status.

Drainage & Road Layout Standard Drawing Notes

1. The contractor is to check and verify all buildings and 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 levels 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, specification 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 Taylor Wimpey South Midlands.
6. Drainage works to be adopted under Section 104 of the Water Industries Act 1991 shall comply with DCG published by Water UK and the combined addendum.
7. Roads, footpaths and parking areas which form part of the highway to be adopted under Section 38 of the Highways Act 1980 shall comply with the West Sussex Highway Specification.
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, track 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.

Contractor shall refer to the services information available from the Developer to identify all existing services. It is the Contractor's responsibility to liaise with all relevant services companies to ensure that all existing services are accurately located prior to commencemnet of works, 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.

Private Surface Water Drainage Legend

(Dimensions are approx. internal sizes).

- Existing Public Foul Water Sewer
- New Adoptable Surface Water Sewer to be constructed in accordance with SSG Appendix C, DCG.
- New Adoptable Surface Water Manhole (size and construction may vary), to be built in accordance with SSG Appendix C, DCG
- New Adoptable Road Gully
- New Private Surface Water Inspection Chamber 225mm dia. polypropylene or vitrified clay up to 600mm deep.
- New Private Surface Water Inspection Chamber 450mm dia. polypropylene up to 3000mm deep. Max pipe diameter 150mm.
- New Private Channel Drain.
- RE New Private Rodding Eye.
- Permeable Paving
- New 300mm TCS Fin Drain or similar. Must be installed strictly in accordance with manufacturers specifications.
- 27.74 Minimum sub-base level of permeable paving where different from minimum construction.

Foul Drainage Legend

(Dimensions are approx. internal sizes).

- New Adoptable Foul Sewer to be constructed in accordance with SSG Appendix C, DCG.
- New Adoptable Foul Manhole (size and construction may vary), to be built in accordance with SSG Appendix C, DCG.
- New Private Foul Drain.
- New Private Foul Inspection Chamber 225mm dia. polypropylene or vitrified clay up to 600mm deep. Max pipe diameter 150mm
- New Private Foul Inspection Chamber 450mm dia. polypropylene up to 3000mm deep. Max pipe dia. 150mm
- New Private Foul Inspection Chamber 450mm dia. polypropylene up to 3000mm deep. Max pipe dia. 150mm

Health & 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 BOX

This table is provided to assist the Principal Contractor to fulfil their obligations under the CDM Regulations 2015

Hazard Ref	Hazard Type (Construction/Maintenance/ Cleaning/Demolition/Acquisition)	Hazard Description	Mitigation Measures/ Residual Risk
1			

IMPORTANT

The scheme is subject to the following Statutory Approvals:

- Section 38
- Section 104
- Building Regulations

All construction works prior to approvals above will be undertaken at the contractors risk.

Meters

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1:500

Rev	Date	Description	Init / Chkd / Appd
P03	09/03/2023	Added note to foul outfall to clarify the proposed foul connection point.	ZS/CGC/CGC
P02	22/07/2022	Updated to suit Redrow Comments received on 14/07/2022. Reduced SW drainage MH IL's by approx. 850-900mm to tie into outfall and amended Orifice design head.	SG/ZS/CGC
P01	13/07/2022	Issued for Information	ZS/CGC/CGC

Suitability: S2 - Suitable for Information

Client Logo: REDROW HOMES

JNP GROUP CONSULTING ENGINEERS

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Client: Redrow

Job: Arundel Road - 7 Unit Site Angmering

Title: Private Drainage

Classification: F1_60_20

Scale @ A0: 1:500

Project - Originator - Volume/System - Level/Location - Type - Discipline - Number: C86473 - JNP - 92 - XX - DR - C - 2803

Revision: P03

Document/Drawing Number

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JNP Group Internal Project Number: C86473

Plotted on 14/03/2023 at 07:47:33 by ZS