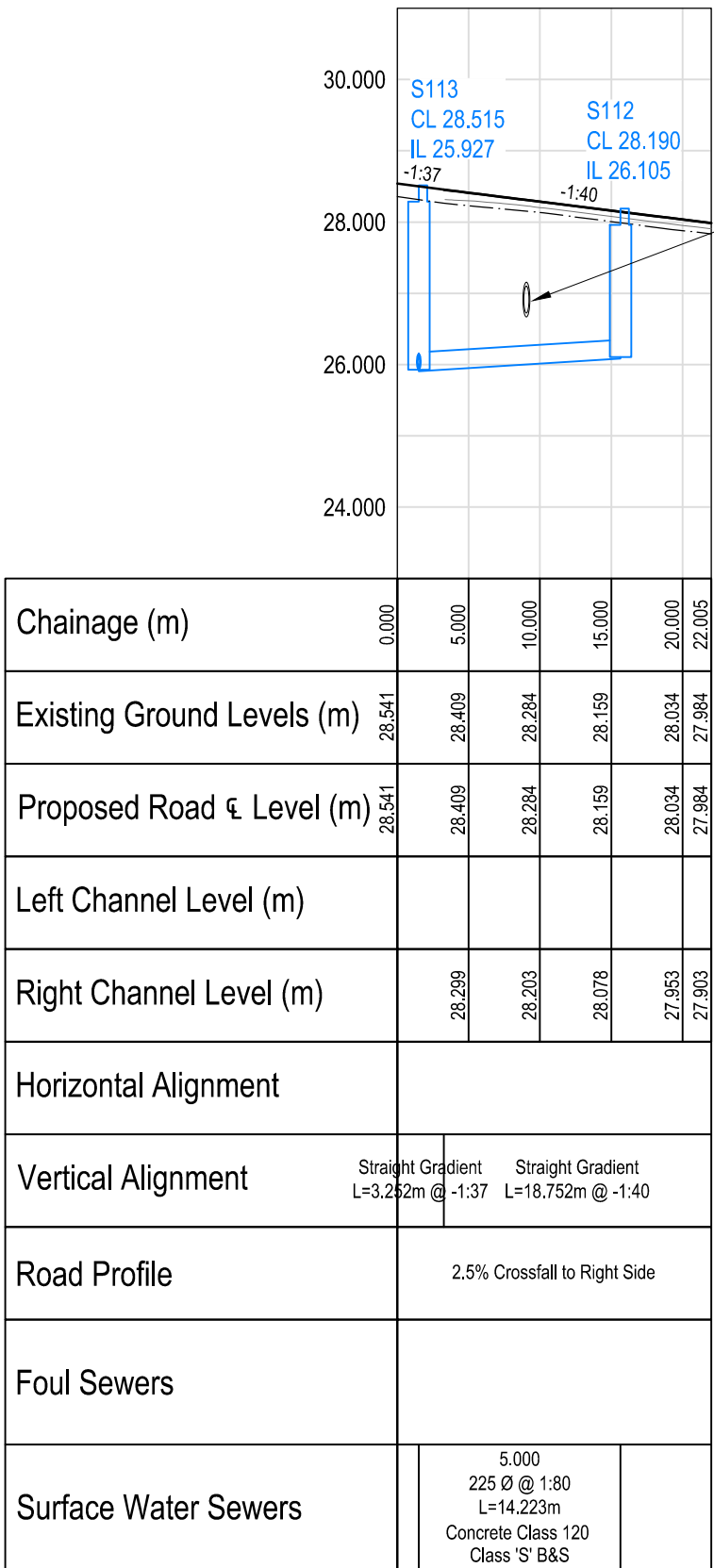
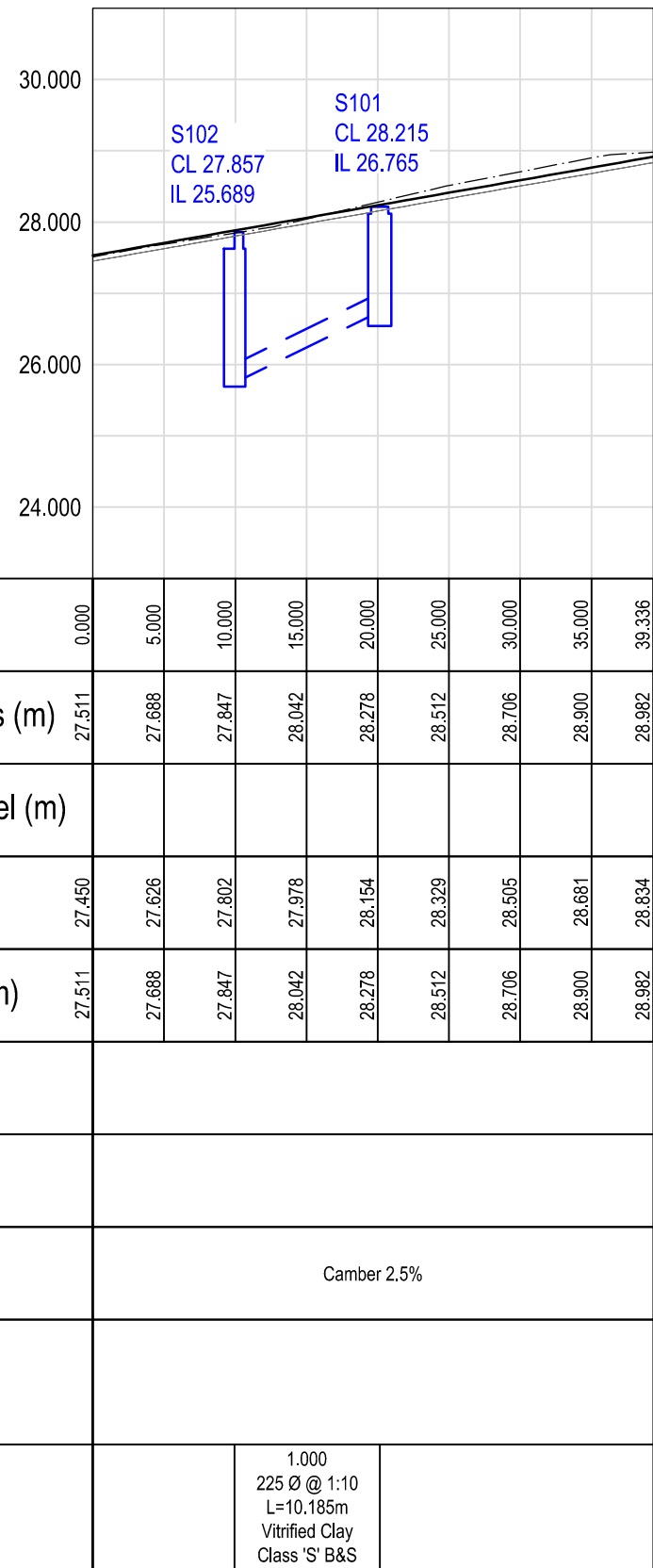




Existing surface water sewer. The Contractor is to confirm depth of the existing surface water sewer to ensure no clashing with the proposed surface water sewer at all crossings. Minimum cover to existing surface water sewer is to be 1.2m. Where cover is less than 1.2m, concrete bridge slab to be provided in accordance with detail on drawing no C85850-D107Contractor to confirm following sewer investigation on site.

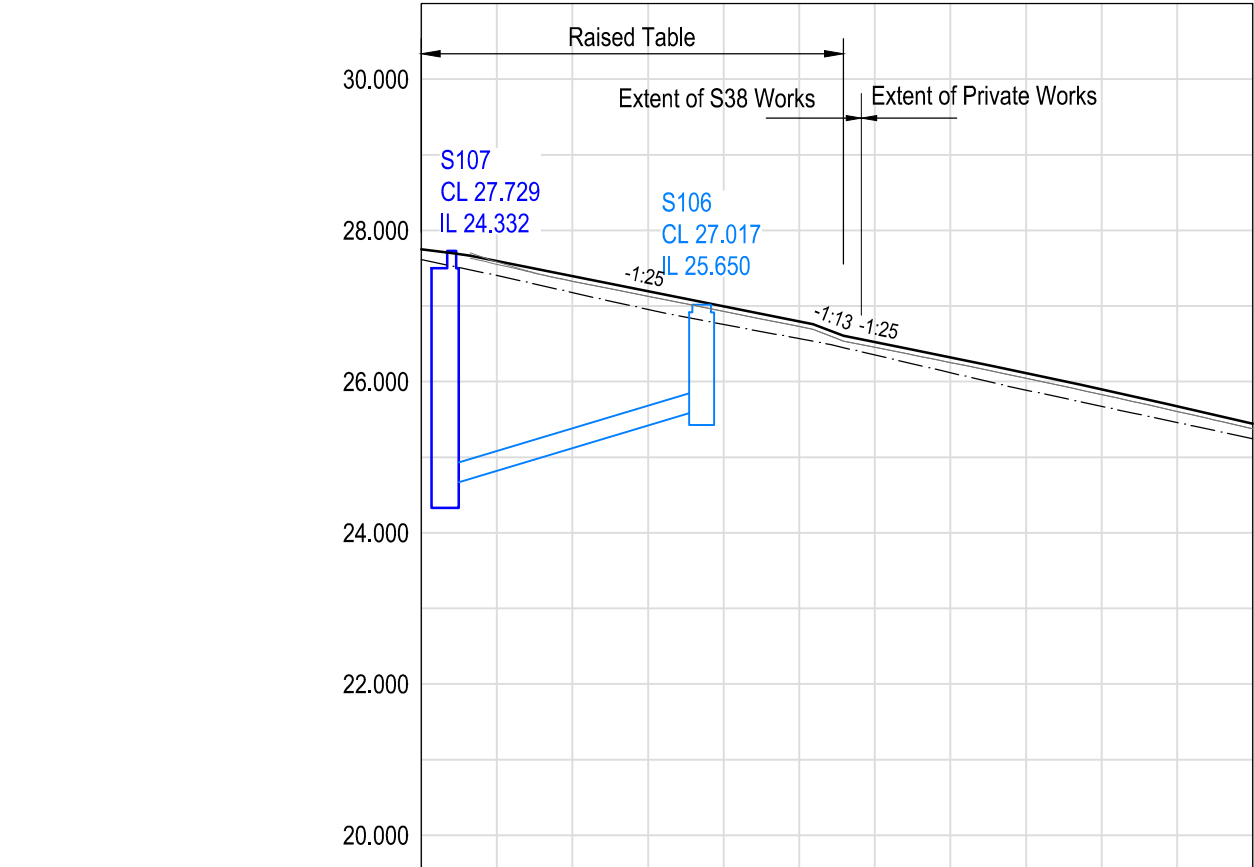
Chainage (m)	0.000	5.000	10.000	15.000	20.000	22.000
Existing Ground Levels (m)	28.541	28.469	28.284	28.159	28.034	27.984
Proposed Road � Level (m)	28.541	28.469	28.284	28.159	28.034	27.984
Left Channel Level (m)						
Right Channel Level (m)		28.289	28.203	28.078	27.953	27.903
Horizontal Alignment						
Vertical Alignment	Straight Gradient L=3.232m @ -1.37 Straight Gradient L=18.752m @ -1.40					
Road Profile	2.5% Crossfall to Right Side					
Foul Sewers						
Surface Water Sewers	5.000 225 � @ 1:80 L=14.223m Concrete Class 120 Class 'S' B&S					

Road 2
H 500.000
V 100.000



Chainage (m)	0.000	5.000	10.000	15.000	20.000	25.000	30.000	35.000	39.538
Existing Ground Levels (m)	27.511	27.688	27.847	28.042	28.278	28.512	28.706	28.900	28.982
Proposed Road � Level (m)									
Left Channel Level (m)	27.450	27.626	27.802	27.978	28.154	28.329	28.505	28.681	28.854
Right Channel Level (m)	27.511	27.688	27.847	28.042	28.278	28.512	28.706	28.900	28.982
Horizontal Alignment									
Vertical Alignment									
Road Profile	Camber 2.5%								
Foul Sewers									
Surface Water Sewers	1.000 225 � @ 1:10 L=10.185m Vitrified Clay Class 'S' B&S								

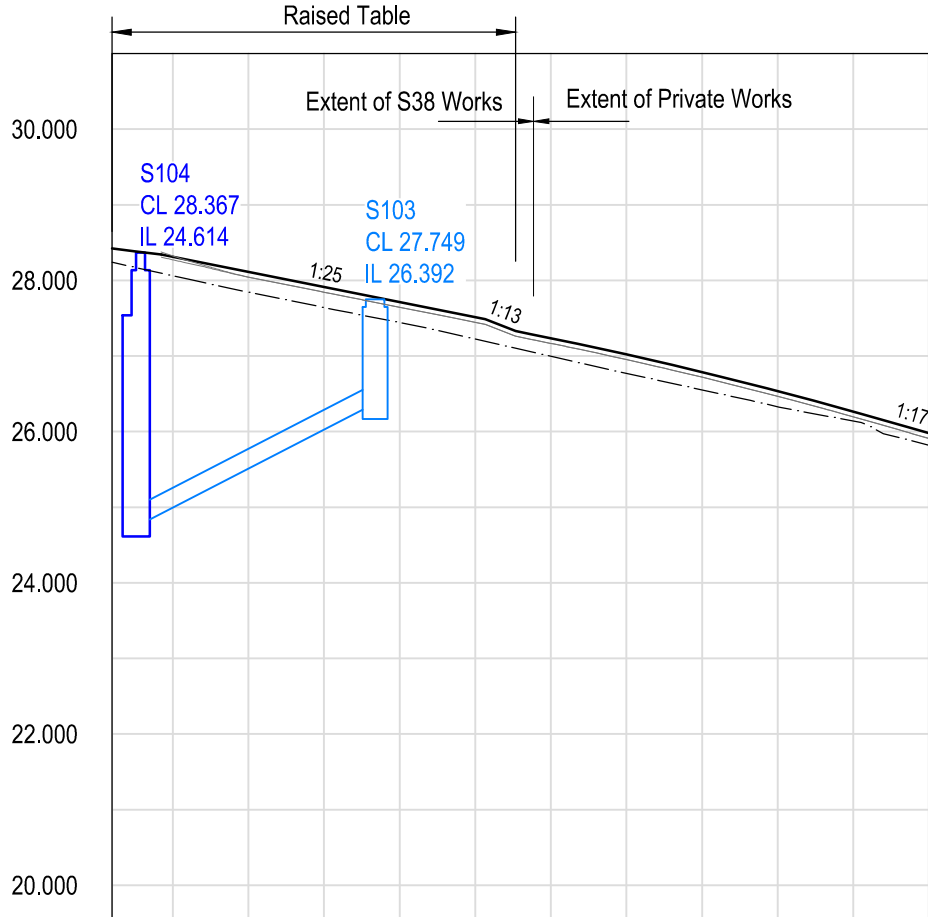
Road 1 TH
H 500.000
V 100.000



Refer to drawing no. C85850-D132 for full extent of Road 3 Loop Road.

Chainage (m)	0.000	5.000	10.000	15.000	20.000	25.000	30.000	35.000	40.000	45.000	50.000	55.000
Existing Ground Levels (m)	27.613	27.405	27.177	26.954	26.757	26.588	26.352	26.118	25.888	25.673	25.459	25.245
Proposed Road � Level (m)		27.597	27.397	27.197	26.997	26.797	26.522	26.321	26.113	25.898	25.673	25.444
Left Channel Level (m)		27.552	27.329	27.129	26.929	26.729	26.454	26.252	26.044	25.829	25.606	25.375
Right Channel Level (m)		27.583	27.329	27.129	26.929	26.729	26.454	26.252	26.044	25.829	25.606	25.375
Horizontal Alignment	Straight L=110.937m											
Vertical Alignment	Straight Gradient L=22.665m @ -1.25 Crest L=25.000m Curve K=33.120											
Road Profile	Straight Gradient L=2.000m @ -1.13 Camber 2.5% Straight Gradient L=4.303m @ -1.25											
Foul Sewers												
Surface Water Sewers	3.000 225 � @ 1:17 L=16.979m Concrete Class 120 Class 'S' B&S											

Road 3 Loop CH 0-30
H 500.000
V 100.000



Chainage (m)	340.012	345.000	350.000	355.000	360.000	365.000	370.000	375.000	380.000	385.000	390.000	395.000
Existing Ground Levels (m)	28.340	28.061	27.846	27.681	27.442	27.224	26.996	26.770	26.551	26.329	26.109	25.821
Proposed Road � Level (m)		28.312	28.113	27.913	27.714	27.514	27.258	27.022	26.789	26.557	26.326	26.079
Left Channel Level (m)		28.273	28.044	27.844	27.645	27.445	27.168	26.953	26.720	26.488	26.257	25.911
Right Channel Level (m)		28.324	28.043	27.844	27.644	27.445	27.167	26.952	26.719	26.487	26.256	25.905
Horizontal Alignment	Straight L=44.911m Curve L=44.931m R=62.750m											
Vertical Alignment	Straight Gradient L=21.422m @ 1:25 Crest L=25.000m Curve K=13.301 Sag L=25.000m Curve K=5.400											
Road Profile	Straight Gradient L=2.000m @ 1:13 Camber 2.5% Straight Gradient L=1.000m @ 1:25 Straight Gradient L=1.000m @ 1:17											
Foul Sewers												
Surface Water Sewers	2.000 225 � @ 1:10 L=15.811m Concrete Class 120 Class 'S' B&S											

Road 3 Loop CH 340-369.012
H 500.000
V 100.000

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.

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.

All adoptable drainage and highway works to be installed in accordance with;

- S104 & S185 Sewers - Sewers for Adoption 6th edition, including all applicable local Southern Water addendums
- S278 and S38 Highways - Hampshire County Council Specification and Standard Details.

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 '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).

2. All working dimensions to be checked on site.

3. Do not scale.

4. Any discrepancies between drawings of different scales, and between drawings and specification where appropriate to be notified to The Engineer for decision.

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6. This drawing should only be used for construction if the drawing status is "Construction". jnpgroup take no responsibility for construction works undertaken to drawings which are not marked with this status.

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.

Legend:

- Proposed Finished Road Centreline Level
- Proposed Finished Road Channel Level
- Existing Ground Level
- Proposed S104 Foul Water Sewer
- Proposed S185 Foul Water Sewer Diversion
- Proposed S104 Surface Water Sewer
- Proposed S38 Highway Drain

A	13.09.18	Field access longitudinal section added. Status revised to construction issue.	CT	KT
Rev.	Date	Amendment	By	Chk.
Status				
Construction				

Bellway

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Client Bellway Homes

Job Bartons Road
Havant, Hampshire

Title Longitudinal Sections
Sheet 2 of 2

Scale As shown @ A1 Date July 2018

Drawn by CT Checked by KT Approved by KT

BMT

TRA

DA

UKAS

CONSTRUCTION

612

HAS

ACCREDITED CONTRACTOR

CONSTRUCTIONLINE

part of capricorn

REGISTERED

SUPPLIER

NO. 0500274

Drawing No. C85850-D103 Rev. A

QA Ref: Q0019 Rev D