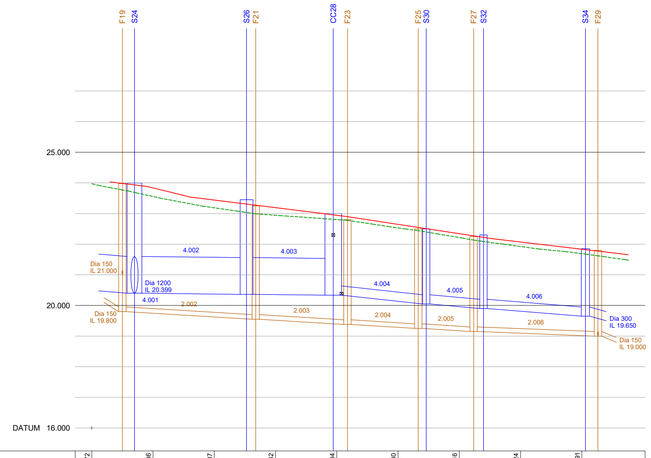
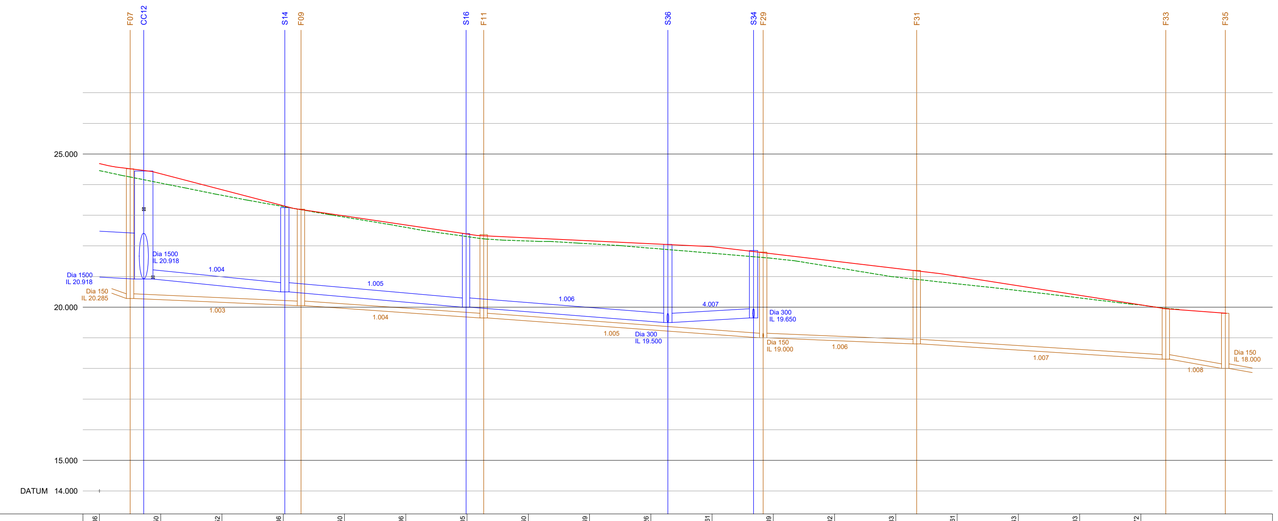


GROUND LEVEL	23.972	23.858	23.187	22.942	22.804	22.530	22.216	21.924	21.691		
STORMWATER COVER LEVEL		23.937	23.450	23.000	22.500	22.300	21.850				
STORMWATER INVERT		20.399	20.362	20.302	20.335	20.335	20.050	20.050	19.900	19.900	19.650
STORMWATER DETAILS		Dia 1200 Circular CONC 1 in 494		Dia 1200 Circular CONC 1 in 492		Dia 300 Circular uPVC 1 in 57		Dia 300 Circular uPVC 1 in 60		Dia 300 Circular uPVC 1 in 67	
STORMWATER LENGTHS		18.292 CLASS S BEDDING & SURROUND		13.286 CLASS S BEDDING & SURROUND		16.167 CLASS S BEDDING & SURROUND		9.024 CLASS S BEDDING & SURROUND		16.634 CLASS S BEDDING & SURROUND	
FOULWATER COVER LEVEL	23.982		23.250		22.800	22.500		22.250		21.800	
FOULWATER INVERT		19.800	19.550	19.550	19.380	19.380	19.250	19.200	19.150	19.100	19.000
FOULWATER DETAILS		Dia 150 Circular uPVC 1 in 87		Dia 150 Circular uPVC 1 in 88		Dia 150 Circular uPVC 1 in 89		Dia 150 Circular uPVC 1 in 90		Dia 150 Circular uPVC 1 in 135	
FOULWATER LENGTHS		21.766 CLASS S BEDDING & SURROUND		14.977 CLASS S BEDDING & SURROUND		11.552 CLASS S BEDDING & SURROUND		9.042 CLASS S BEDDING & SURROUND		20.294 CLASS S BEDDING & SURROUND	

F19 > F29 & S24 > S34



GROUND LEVEL	24.886	24.050	23.652	23.286	22.940	22.696	22.305	22.160	22.069	21.926	21.781	21.589	21.302	20.983	20.761	20.543	20.393	20.072		
STORMWATER COVER LEVEL		24.443		23.250			22.400			22.050		21.850								
STORMWATER INVERT		20.918	20.500	20.500			20.000	20.000		19.500	19.500	19.650								
STORMWATER DETAILS		Dia 300 Circular uPVC 1 in 55		Dia 300 Circular uPVC 1 in 59			Dia 300 Circular uPVC 1 in 66			Dia 300 Circular uPVC 1 in 93										
STORMWATER LENGTHS		23.029 CLASS S BEDDING & SURROUND		29.740 CLASS S BEDDING & SURROUND			33.181 CLASS S BEDDING & SURROUND			13.998 CLASS S BEDDING & SURROUND										
FOULWATER COVER LEVEL		24.517			23.250			22.370				21.800		21.200				19.950	19.800	
FOULWATER INVERT		20.285		20.050	20.050		19.650	19.650			19.000	19.000		18.800	18.800		18.300	18.300	18.000	
FOULWATER DETAILS		Dia 150 Circular uPVC 1 in 119		Dia 150 Circular uPVC 1 in 75			Dia 150 Circular uPVC 1 in 70					Dia 150 Circular uPVC 1 in 125		Dia 150 Circular uPVC 1 in 81				Dia 150 Circular uPVC 1 in 32		
FOULWATER LENGTHS		27.896 CLASS S BEDDING & SURROUND		29.824 CLASS S BEDDING & SURROUND			45.624 CLASS S BEDDING & SURROUND					25.066 CLASS S BEDDING & SURROUND		40.656 CLASS S BEDDING & SURROUND				9.704 CLASS S BEDDING & SURROUND		

F07 > F35 & CC12 > S34

ADOPTABLE ROADS AND SEWERS

- Roads, footways and parking bays which form part of the highway to be adopted under Section 38 of the Highways Act 1980 shall comply with the requirements of the Adopting Authority.
- Sewers to be adopted under Section 104 of the Water Industries Act 1991 shall comply with the Water Authorities Association "Sewers for Adoption 6th or 7th Edition" with any amendments specified by the Adopting Water Authority.
- All pipes to be used in adoptable sewerage shall be either clayware to BS EN 295 or concrete to BS EN 1916 and BS 5911: Part 1 with Class S bedding unless otherwise stated. With approval of the Adopting Authority solid wall concentric external rib reinforced uPVC pipes complying with the relevant provisions of BS EN 13476 may be used.
- Where cover to a pipe is more than 1200mm under adoptable carriageway the trench shall be filled to formation of the carriageway with well compacted DTp Type 1 material.
- Where cover to a pipe is less than 1200mm under adoptable carriageway it shall be provided with concrete protection in accordance with the specification of the adopting authority and back filled to formation of the carriageway with well compacted DTp Type 1 material. Where concrete bed and surround is specified flexibility of joints is to be maintained by using compressible bitumen impregnated fibreboard at each pipe joint.
- All existing drainage invert levels, diameters and locations are to be checked by the Contractor prior to the commencement of any proposed drainage work. Any difference between actual and drawn details is to be reported to the Engineer immediately.
- Positions of existing services/statutory undertakers apparatus adjacent to or crossing proposed sewers is to be checked by the Contractor prior to starting work.

The Contractor is to check and verify in conjunction with the Architects details all setting out points, building and site dimensions, levels and sewer invert levels at connection points and ensure that they are fully conversant with the contents and requirements of the site investigation report before work starts. The Contractor is to comply in all respects with current building legislation, British Standard Specifications, Building Regulations etc. whether or not specifically stated on this drawing.

This drawing is not intended to show details of ground conditions or ground contaminants. Each area of ground relied upon to support any structure depicted (including drainage) must be investigated by the Contractor any areas of formation for said structures which do not accord with the anticipated conditions as described in the site investigation report are to be immediately notified to the Engineer, where applicable. Any suspect fluid ground or ground contaminants on or within the ground should be further investigated by a suitable expert. Any earthworks shown indicate typical slopes for guidance only and should be investigated further by a suitable geotechnical expert. Where existing trees are shown to be retained they should be subject to a full Arboricultural inspection for safety. All trees are to be planted so as to ensure they are a minimum of 5 metres from buildings and 3 metres from drainage and services, where applicable. A foundation is to be provided to accommodate the proposed tree planting, where applicable.

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Rev.	Description	Date	By
B	Long sections updated to suit latest drainage strategy.	05.08.2021	OB
A	Long Section updated to suit Drainage Strategy.	08.01.2021	LH
-	First Issue	12.10.2020	LH

Client

PERSIMMON
Together, we make a home

Project

Dappers Lane, Angmering,

West Sussex

Title

Highway and Drainage Longitudinal Sections

Sheet 3 of 3

Drawing Status

PRELIMINARY

Scale	A1 @ 1:500 Horiz & 1:100 Vert	Drawn	LH
Date	October 2020	Checked	DA
File	20079/dwgs/civils/current	Drawing	20079 - 203 B

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ARUN DISTRICT COUNCIL A1/B0/10/DOC