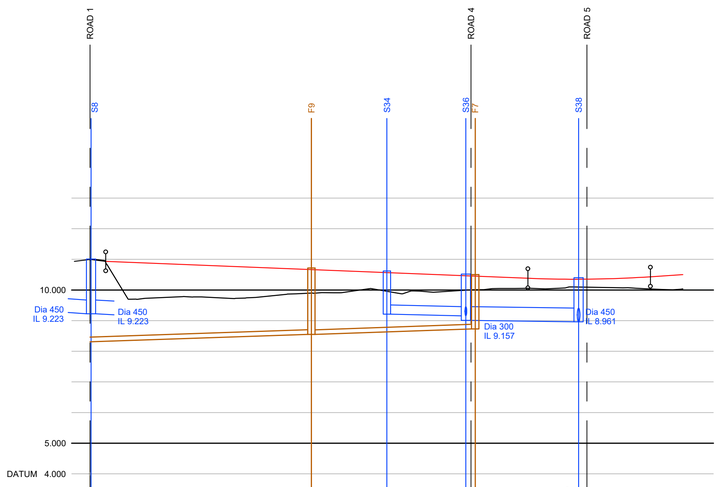
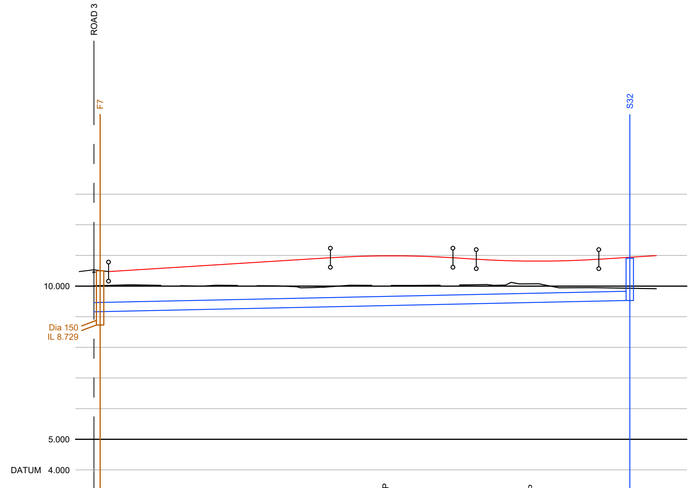


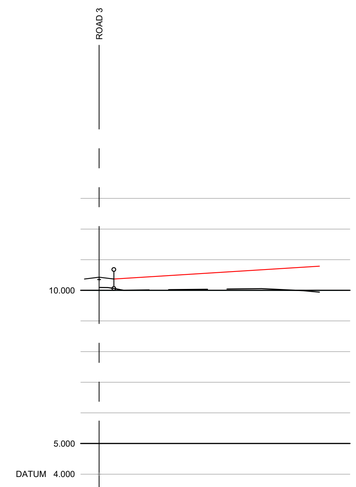
ROAD 3

CHAINAGE	0.170	2.953	10.000	20.000	30.000	36.134	40.000	48.460	50.000	61.347	62.881	70.000	71.488	75.000	79.115 LP	79.753	81.115	85.000	90.000	91.488	96.765			
EXISTING GROUND LEVEL	11.000		9.736	9.757	9.816		9.908		9.996	9.978		10.052			10.097				10.048		10.037			
ALIGNMENT LEVEL		10.934	10.874	10.794	10.714		10.634		10.554	10.474		10.393	10.382	10.366	10.351	10.351	10.369		10.413		10.431	10.500		
VERTICAL ALIGNMENT		G= -0.801% 1: -124.8											KF= 9.51765 L= 20.000								G= 1.300% 1: 76.9			
HORIZONTAL ALIGNMENT																								
STORMWATER COVER LEVEL	11.008									10.820			10.519			10.400								
STORMWATER INVERT											9.212		9.157		9.007		8.961							
STORMWATER DETAILS											Dia 300 Circular CLAY CONC Surround Req 1 in 234 12.888					Dia 450 Circular CONC CONC Surround Req 1 in 400 18.409								
FOULWATER COVER LEVEL								10.716								10.500								
FOULWATER INVERT								8.551	8.550							8.729								
FOULWATER DETAILS								Dia 150 Circular CLAY 1 in 150 37.468								Dia 150 Circular CLAY 1 in 149 26.747								



ROAD 4

CHAINAGE	0.000	0.016	2.400	10.000	20.000	30.000	38.625	40.000	45.000	48.625 HP	50.000	55.000	58.625	62.421	65.000	70.000	72.421 LP	75.000	80.000	82.421	87.483	90.000	91.803	
EXISTING GROUND LEVEL	10.006			10.027	10.028	10.005	10.000			10.020			10.038			10.073			9.946		9.921	9.915		
ALIGNMENT LEVEL		10.471		10.566	10.691	10.816	10.924	10.940	10.978	10.986	10.985	10.961	10.924	10.877	10.848	10.818	10.814	10.818	10.850	10.877	10.971	10.994		
VERTICAL ALIGNMENT			G= 1.250% 1: 80.0					L= 20.000 KF= -8.0						G= -1.250% 1: -80.0		KF= 8.0 L= 20.000				G= 1.250% 1: 80.0				
HORIZONTAL ALIGNMENT																								
STORMWATER COVER LEVEL																					10.910			
STORMWATER INVERT																					9.528			
STORMWATER DETAILS																					Dia 300 Circular CLAY CONC Surround Req 1 in 238 88.241			
FOULWATER COVER LEVEL		10.500																						
FOULWATER INVERT																								
FOULWATER DETAILS																								



ROAD 5

CHAINAGE	0.000	2.400	10.000	20.000	30.000	35.963
EXISTING GROUND LEVEL	10.093		10.017	10.041	10.021	9.940
ALIGNMENT LEVEL	10.368	10.463	10.588	10.713	10.788	
VERTICAL ALIGNMENT		G= 1.250% 1: 80.0				
HORIZONTAL ALIGNMENT						

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 of requirements 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
C	Concrete surround added to longsections to suit clients request	01.11.17	TB
B	Long sections updated to suit clients comments	23.08.17	TB
A	Drawing updated to For Construction.	14.06.17	JE
-	First Issue	19.05.17	TB

Client: REDROW

Project: Barnham Phase 2

Title: Road & Drainage Longitudinal Sections Sheet 3 of 3

Status: FOR CONSTRUCTION

Please note while these drawings may be used for tender purposes, drawings are subject to client and Thames Water approval as part of ongoing consultations and design check. Amendments may therefore be requested.

Scale	H 1:500 V 1:100 @ A1	Drawn	TB
Date	May 2017	Checked	JB
File	17071/dwgs/civils/current	Drawing	17071-252C

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