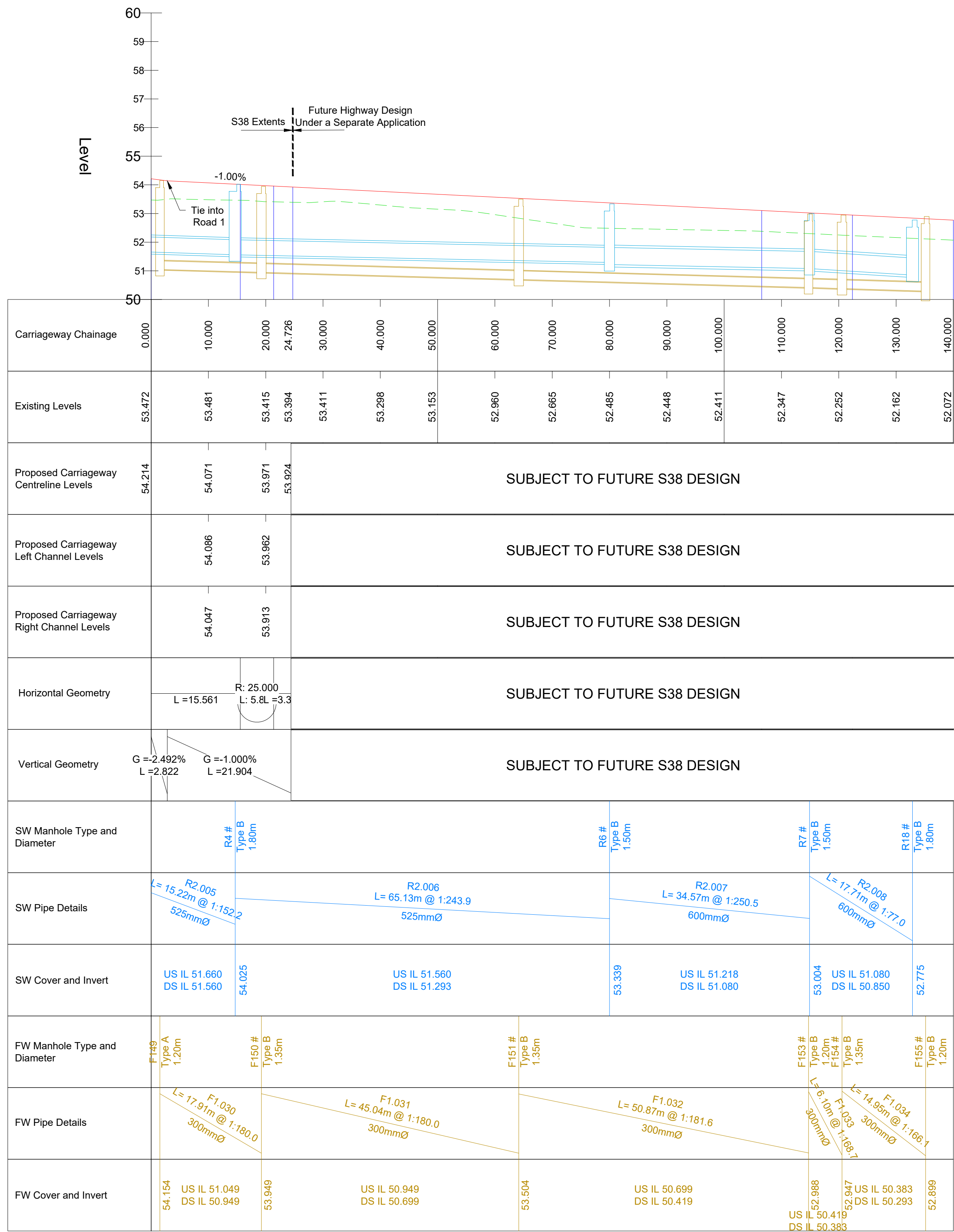
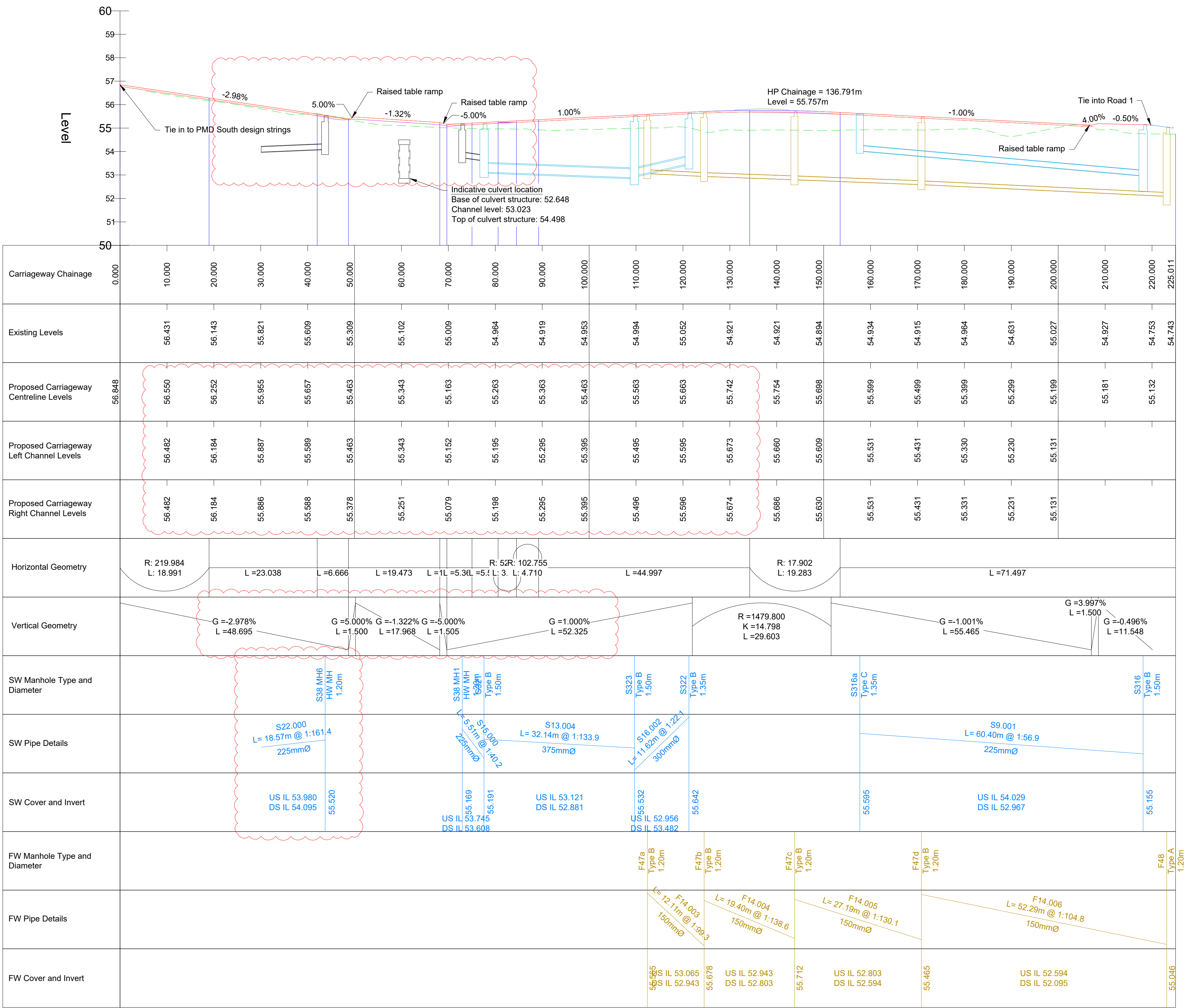




ROAD 2 BELLMOUTH AND DRAINAGE CONTINUATION TO OUTFALL - LONGSECTION
VERTICAL EXAGGERATION: 5



ROAD 3 - LONGSECTION
VERTICAL EXAGGERATION: 5

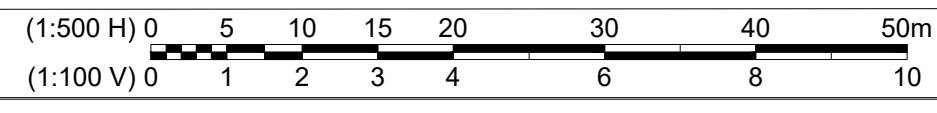
Minimum Cover Level required; final cover level to be confirmed as part of the future plot drainage design.

Upstream IL's and downstream IL's are indicated in the order of road chainages, and are in the order of fall within the drainage network.

- Existing Ground Level
- Proposed Finished Road Level Vertical Profile
- Proposed Channel Level of Right Carriageway
- Proposed Channel Level of Left Carriageway
- Proposed Level Profile of Tie-in Road
- Indicative Proposed Finished Level Profile of Parcel
- Proposed Foul Water Drainage - S104
- Proposed Surface Water Drainage - S104
- Proposed Surface Water Drainage - Highway/ S38

- This drawing is not to be scaled.
- All Highway works to be in accordance with Wokingham Borough Council Design Guide 2019 and in general accordance with MCHW Specification for Highway Works and Highway Construction Details.
- Drawing to be read in conjunction with AECOM S38 drawing numbers 60312043-CIV-DC-1000-1141; S104 drawings 60312043-CIV-DC-3000-3091.
- All works must comply with current health and safety standards.
- Highway drainage will be required to be tested prior to laying of the base course.
- Existing utilities data received from Warner Surveys drawing ref UM2220114/P/0001-0005 received August 2023. The Contractor is to undertake all necessary investigative works to confirm the status, size, position, depths of the existing drainage network prior to the commencement of the works. The Engineer is to be notified of any omissions or variations.
- Location of existing services and utilities to be confirmed prior to construction works commencing.
- All levels are shown in m AOD.
- Drainage design subject to S104 approval.
- Highway design subject to S38 approval.
- All main drainage works are to be in accordance with Design Construction Guidance, the Water Industries Act, Section 104 and to the approval of Thames Water Ltd.
- All Highway drainage works to be in general accordance with Manual of Contract Documents for Highway Works and to the approval of Highways Authority, Wokingham Borough Council (WBC).
- All proposed lengths of carrier drain are to be CCTV surveyed upon completion of the scheme.
- All pipes 150mm to 300mm diameter to be either extra strength vitrified clay or UPVC twin wall type. Approval to use UPVC to be obtained in writing from TW & WBC prior to their use.
- All corbelling to be in class 'B' engineering brick in Class mortar. Minimum 2 courses. Maximum 5 courses of brickwork permitted.
- All manhole covers to be minimum grade ductile iron Group 4 Class D400, non rocking type unless noted otherwise.
- Slubs connections to be provided at all surface and foul water manholes to serve plots in accordance with proposed building drainage layout. Locations, size, number, orientation and position subject to change pending confirmation of on plot design. Engineer to be notified of all changes prior to any construction.

Rev	Date	Detail	Made	CHKD	Appd
P03	04.10.24	Issue 1: drawing amended & shortened, new highway drain to the north of the manhole.	RA	MBB	CLP
P02	05.10.24	Pipe numbers in ran. 1,000 amended to suit additional upstream chamber	AB	MBB	CLP
P01	05.09.24	Final Issue	RA	MBB	CLP



Scale: 1:500H 1:100V @ A0