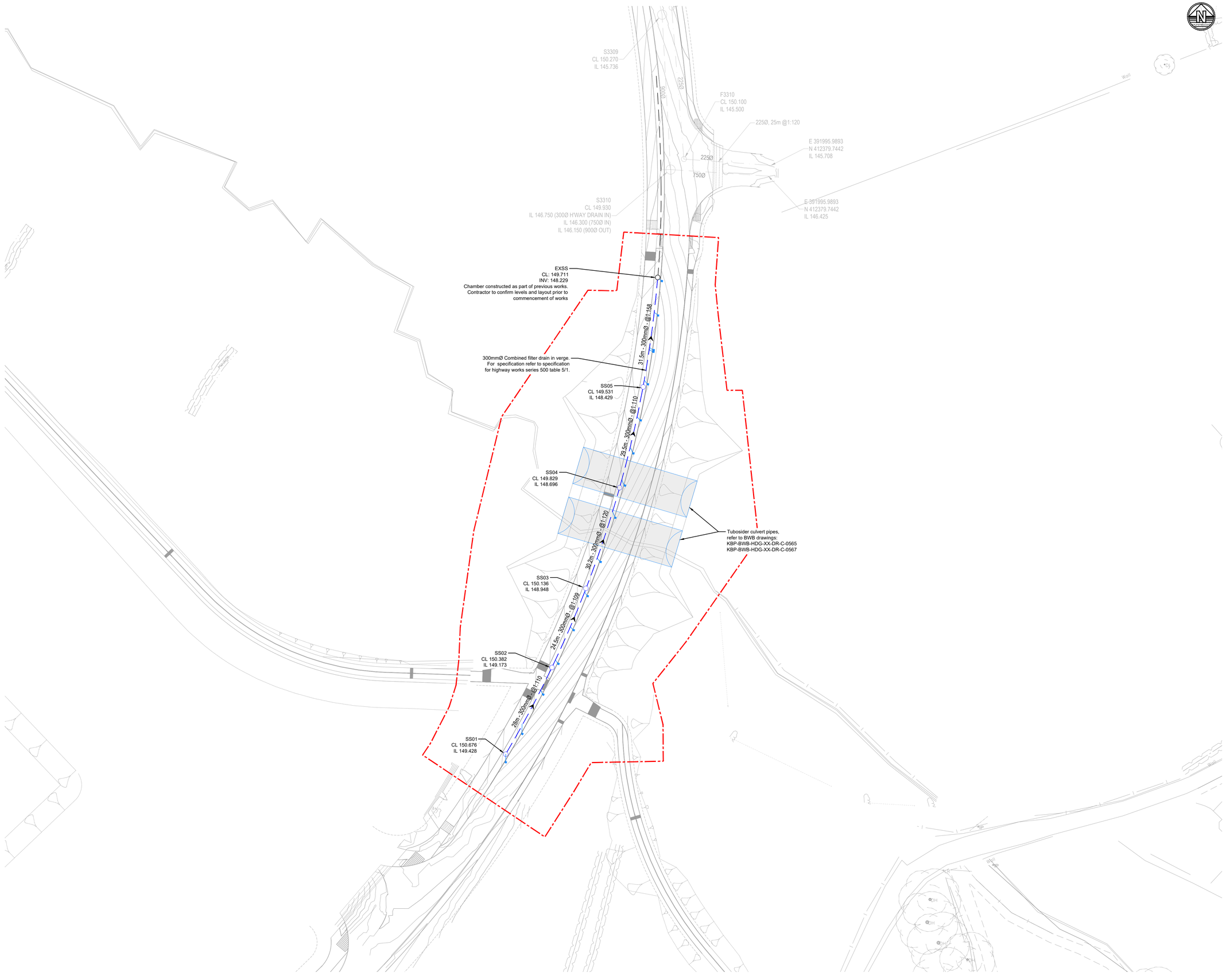

NOTES

1. DO NOT SCALE THIS DRAWING. All dimensions must be checked/ verified on site. IF IN DOUBT ASK.
2. This drawing is to be read in conjunction with all relevant architects, engineers and specialists drawings and specifications.
3. All dimensions in millimetres unless noted otherwise. All levels in metres unless noted otherwise.
4. Any discrepancies noted on site are to be reported to the engineer immediately.
5. Topographical survey used for design is drawing: KBP-BWB-00-ZZ-M2-G-0001_Existing_Site_Plan_Sheet_2_Of_2-S2-P1
6. All works to be carried out in accordance with DfT specification for highway works and the requirements of Rochdale Borough Council.
7. To be read in conjunction with construction details plan.
8. the following pipe strengths shall be adopted unless noted otherwise:-
9. Pipes 150mm diameter up to and including 225mm to be clayware to bs EN 295 Class 160
10. 300mm diameter to be clayware to BS EN 295 Class 160 or concrete to BS 5911 Class M.
11. All pipe runs to be laid with flexible joints.
12. All pipes entering and exiting manholes are to be connected with pipe soffit level unless noted otherwise.
13. The following concrete mixes are to be used (all in accordance with BS 5800) :-

LOCATION	MIX REFERENCE	(WHERE APPLICABLE)
Concrete surround to pipes.	GEN3	
Concrete base and surround to manholes.	GEN3	

14. All precast concrete products (ie pipes, manholes rings etc.) shall be of suitable concrete mix to cater for class 2 sulphates.
15. All connections to be turned in direction of flow using pipe bends.
16. The principle contractor shall be responsible for checking the existing line and invert levels of any connection points for the surface water systems, prior to undertaking installation of any new drainage works. any deviation to the levels and positions indicated on the drawing should be brought to the immediate attention of the project engineer.
17. Existing drain information including invert levels should be confirmed by the contractor prior to construction.
18. All iron work and cover levels are to be to proposed carriageway levels.
19. Proposed gully connections subject to highway authority approval.
20. Existing drainage is assumed to be of a suitable condition. to be confirmed by contractor prior to construction.

KEY

GENERAL

- WORKS BOUNDARY

DRAINAGE

- PROPOSED HIGHWAY DRAIN
- PROPOSED GULLY AND CONNECTION
- EXISTING STORM SEWER
- EXISTING FOUL SEWER

Rev	Date	Details of issue / revision	Drw	Rev
P2	10.03.21	Revised to suit updated contours	DJS	SG
P1	08.02.21	Preliminary Issue	RMO	SG

Issues & Revisions

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Client

Wilson Bowden Developments

Project Title

Kingsway Phase 3 Rochdale

Drawing Title

Drainage Layout

Drawn:	RMO		Reviewed:	S.Green	
BWB Ref:	NTH 2484	Date:	08.02.21	Scale@A1:	1:500

Drawing Status

Preliminary

Project - Originator - Zone - Level - Type - Role - Number	Status	Rev
KBP-BWB-HDG-XX-DR-C-0500	**S1**	**P2**

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