

**Existing**

Site Boundary

Existing Foul Drain (Phase 3A)

Existing Highway Drain (Phase 3A)

**Proposed**

Adoptable Surface Water Sewer

Adoptable Foul Sewer

Surface Water Lateral Drain

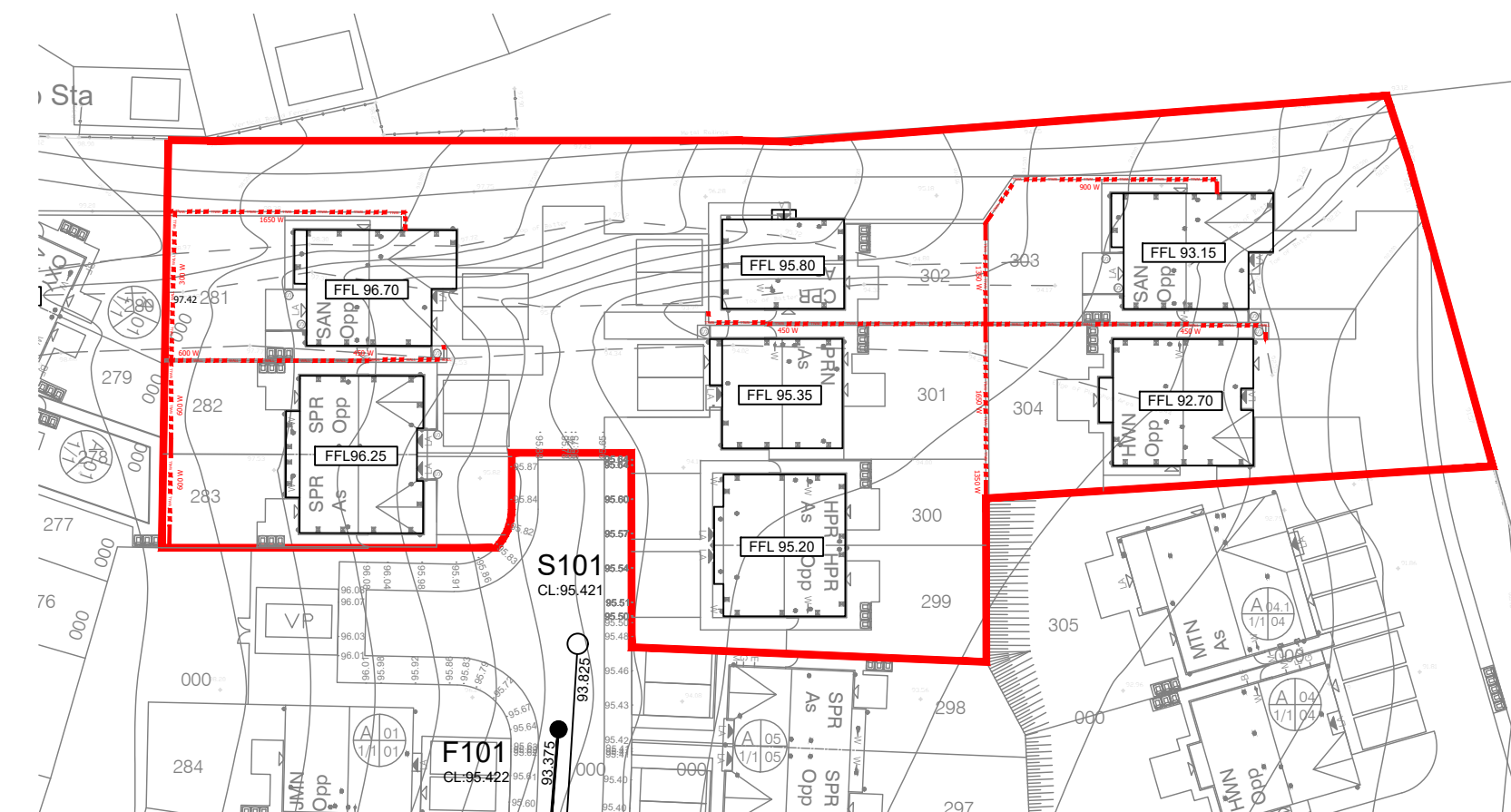
Foul Water Lateral Drain

Plot Slab Level

Retaining Wall

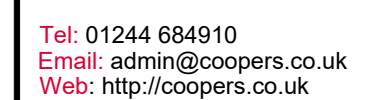
Flag on Edge

Underbuild



1. Setting out shall be undertaken using only the information given. Distances should not be scaled from this drawing.
2. All sewers shall be constructed in accordance with Design and Construction Guidance for foul and surface water sewers offered for adoption under the code for adoption agreements and United Utilities Details & Guidelines.
3. The minimum gravity pipe diameter under adoptable highways shall be 150mm.
4. It is the responsibility of the Contractor to verify all information given with regards to existing services and drainage connections etc. prior to commencing the works. The rates shall include for hand dig around services where necessary. The Contractor shall adhere to the CDM Regulations at all times
5. The outsides of all sewers shall be a minimum of 1.0m from kerb lines and the outside of manholes shall be a minimum of 0.5m from kerb lines
6. Existing flows in watercourses, sewers and land drains shall be maintained at all times
7. Only trained personnel shall be permitted to enter confined spaces
8. All materials to bear the relevant B.S. Kitemark and comply fully with the specifications. All concrete & concrete products must use Sulphate resistant cement to withstand Class 3 condition (unless the site investigation report proves that sulphate attack from soils and groundwater will not occur).
9. All opening notices etc. as required under Highways Acts etc. are to be obtained prior to commencement of works. All works are to be inspected by L.A., NHBC or the Network Operator as applicable.
10. Where "Structured Wall" UPVC pipes (or similar approved) are used in adoptable drainage they shall be handled and laid in accordance with the manufacturers instructions and will be subject to post installation deformation testing prior to adoption.  
A Class S Bed and Surround must be used for "Structured Wall" pipes
11. Trench backfill in highways to within 1m of highway shall, as directed by the Highway Authority be a suitable granular material in accordance with Sewers for Adoption.
12. Slab levels shall not be varied without reference to the Engineer for guidance.
13. Pipes have not been designed to accommodate construction traffic loading. The contractor is responsible for providing adequate protection to the pipes during construction.

B	22.07.24	Revised to latest layout	JAR	AJ
A	05.07.24	Revised to client comments	JAR	AJ
Rev.	Date	Revision	By	Appd.



**Story**  
HOMES

## Engineering Layout

DRAWING NUMBER  7503-3BNMA/SK01	SCALE at A1 1:500		REVISION  B
	DATE	28.06.24	
	DRAWN	JAR	
	CHECKED	AJ	

