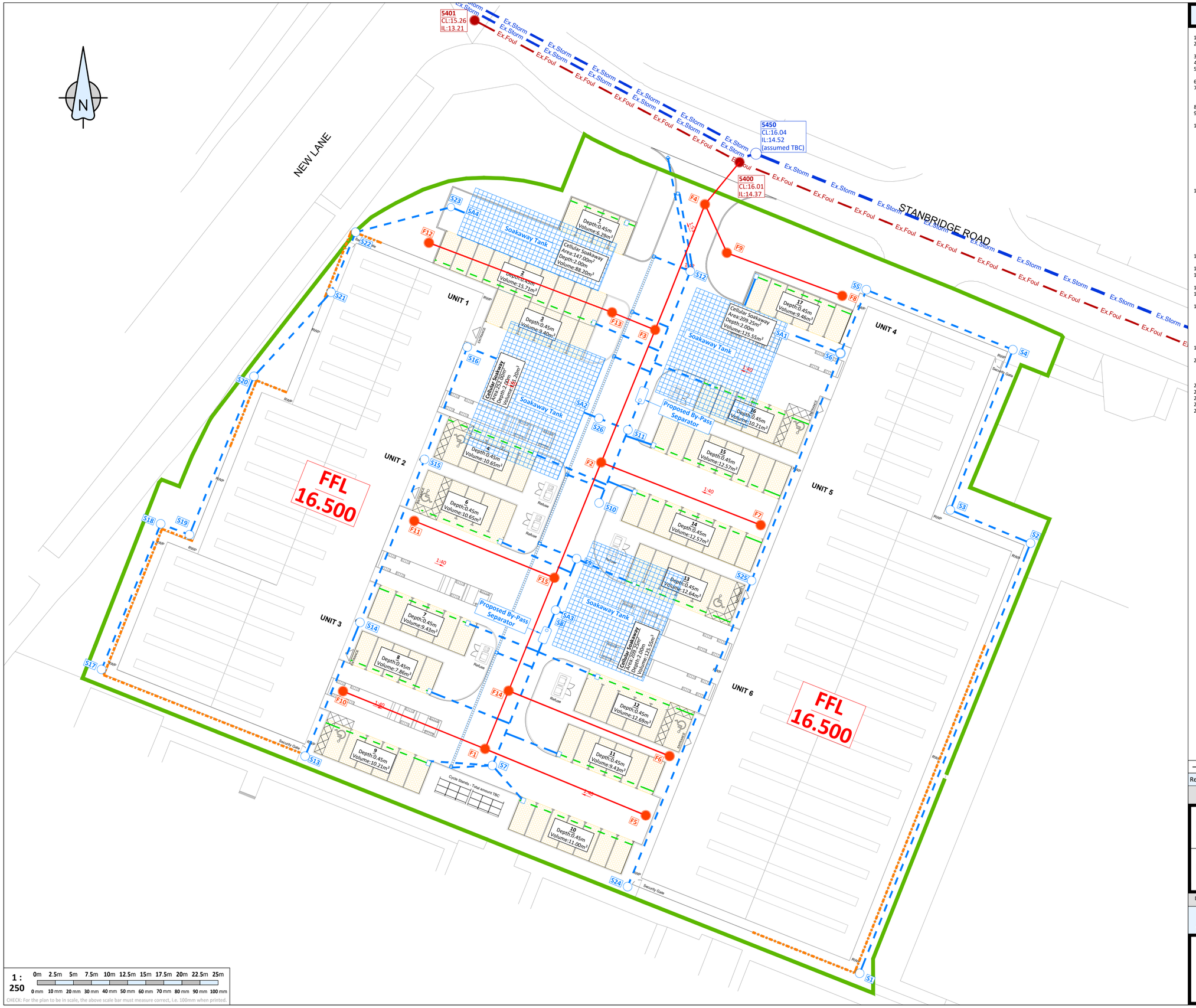


1 : 250

0m 2.5m 5m 7.5m 10m 12.5m 15m 17.5m 20m 22.5m 25m

0 mm 10 mm 20 mm 30 mm 40 mm 50 mm 60 mm 70 mm 80 mm 90 mm 100 mm

CHECK: For the plan to be in scale, the above scale bar must measure correct, i.e. 100mm when printed.

NOTES

A1

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. The base specification for drainage works shall be the Water Authority Association 'Sewers for Adoption (7th Edition).
6. For details of ground conditions refer to the Ground Investigation Report.
7. The following pipe strengths shall be adopted unless noted otherwise:
   - Pipes 150mm diameter up to and including 225mm to be clayware to BS EN 295 Class 160.
   - Pipes over 300mm diameter to be concrete to BS 5911 Class M.
8. All pipe runs to be laid with flexible joints.
9. All pipes entering and exiting manholes are to be connected with pipe soffits level unless noted otherwise.
10. Bedding and surround to be as follows :-

Location	Cover to Soffit	Bedding
Roads	>1.2m	Class 'S' granular bed and surround.
	<1.2m	Class 'X' Concrete surround.
Hard and soft landscaping	>0.6m	Class 'S' granular bed and surround.
	<0.6m	Class 'X' Concrete surround.

12. The following concrete mixes are to be used (all in accordance with BS 5800):

Location	Mix Reference.
Concrete surround to pipes	ST4
Concrete base and surround to manholes	ST4

The above concrete mixes have been selected for BS 5800 Class 2 Sulphates.

13. All precast concrete products (ie pipes, manholes rings etc.) shall be of suitable concrete mix to cater for Class 2 sulphates.
14. Pre-formed channels are to be used in manholes where applicable.
15. Granolithic concrete benching to be steel trowelled to a dense smooth face neatly shaped and finished to all branch connections and laid in accordance with the Specification.
16. All connections to be turned in direction of flow using pipe bends.
17. Manhole covers and frames to be ductile iron medium duty Grade D400 circular or rectangular to BS EN124 positions inside vehicular trafficked areas.
18. First flexible joint in pipes adjacent to a manhole shall be a maximum of 600mm from inside face of manhole, connecting to rocker pipe.
    The length of rocker pipe is as follows:-

Pipe Diameter	Length of Rocker pipe
150mm-600mm	600mm

19. Manholes with outgoing pipes greater than 600mm diameter shall be fitted with guard bars, safety chains or other safety devices.
20. The Principle Contractor shall be responsible for checking the existing line and invert levels of any connection points for both the foul and 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.
21. All inverts specified are outgoing (except backdrop). All pipe are to be laid soffits levels U.N.O.
22. All Foul pipes to be 100mm Diameter & Storm to 150mm Diameter unless marked otherwise.
23. All connections to be made by purpose made junctions as far as practicable.
24. Manhole covers in block paved areas to be recessed to receive required surface finish.
25. The contractor is to protect existing and new buried pipes (particularly shallow pipes) and tree roots from damage caused by loads imposed by construction plant.

KEY

- Ex.Foul / Ex.Foul — EXISTING FOUL SEWER
- Ex.Storm — EXISTING STORM SEWER
- PROPOSED PRIVATE STORM
- PROPOSED PERFORATED PIPE
- PROPOSED DRAINAGE CHANNEL
- PROPOSED GULLY
- PROPOSED SOAKAWAY
- PROPOSED PERMEABLE SURFACE
- PROPOSED PRIVATE FOUL
- PROPOSED INTERCEPTOR

PRELIMINARY

Rev	Date	Description	By	Chkd
—	23/08/2022	FIRST ISSUE.	AB	-

Revision Schedule

Project Title
NEW LANE
HAVANT

Drawing Title
PROPOSED DRAINAGE STRATEGY PLAN

Drawn by **Ferdi Jafar** Checked by **A.B.** Project Engineer **N.B.**

Date	Scale @ A1	Project No.	Drawing No.	Rev
AUG 2022	1 : 250	13383	103	—

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