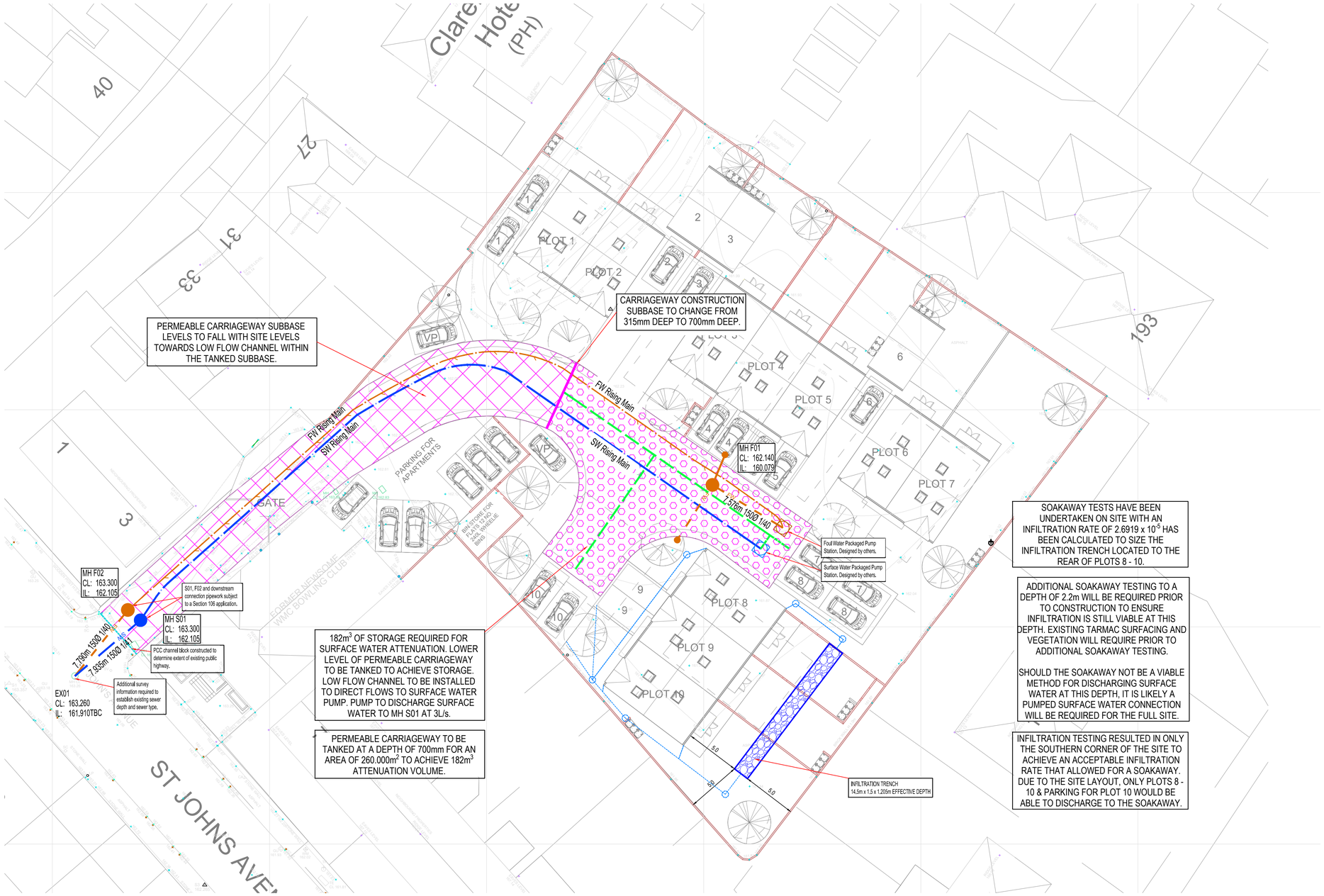
OS GRID REFERENCE
414316,414662



SOAKAWAY TESTS HAVE BEEN UNDERTAKEN ON SITE WITH AN INFILTRATION RATE OF 2.6919×10^{-5} HAS BEEN CALCULATED TO SIZE THE INFILTRATION TRENCH LOCATED TO THE REAR OF PLOTS 8 - 10.

ADDITIONAL SOAKAWAY TESTING TO A DEPTH OF 2.2m WILL BE REQUIRED PRIOR TO CONSTRUCTION TO ENSURE INFILTRATION IS STILL VIABLE AT THIS DEPTH. EXISTING TARMAC SURFACING AND VEGETATION WILL REQUIRE PRIOR TO ADDITIONAL SOAKAWAY TESTING.

SHOULD THE SOAKAWAY NOT BE A VIABLE METHOD FOR DISCHARGING SURFACE WATER AT THIS DEPTH, IT IS LIKELY A PUMPED SURFACE WATER CONNECTION WILL BE REQUIRED FOR THE FULL SITE.

INFILTRATION TESTING RESULTED IN ONLY THE SOUTHERN CORNER OF THE SITE TO ACHIEVE AN ACCEPTABLE INFILTRATION RATE THAT ALLOWED FOR A SOAKAWAY. DUE TO THE SITE LAYOUT, ONLY PLOTS 8 - 10 & PARKING FOR PLOT 10 WOULD BE ABLE TO DISCHARGE TO THE SOAKAWAY.

Notes-

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All dimensions are in millimetres unless noted otherwise.

DO NOT SCALE THIS DRAWING - IF IN DOUBT ASK

1. All dimensions & levels to be checked by the contractor prior to commencement of work, any discrepancy shall be reported immediately to Avie Consulting Ltd.
2. All work shall be carried out in accordance with Local Authority, statutory authority, health & safety requirements and regulations.
3. The drawings shall be read in accordance with all other contract documents relevant at that time of issue and during the period of the contract.
4. The contractor must ensure the overall stability of the works is adequate at all stages of the construction.

DRAINAGE KEY:

- PROPOSED LOW FLOW CHANNEL (PERFORATED PIPE)
- PROPOSED FOUL WATER SEWER/MANHOLE
- PROPOSED SURFACE WATER SEWER/MANHOLE
- GRANULAR INFILTRATION TRENCH
- POROUS PAVING
- POROUS TANKED PAVING (253.075m²)
- PROPOSED PCC CHANNEL BLOCK
- PROPOSED FOUL WATER RISING MAIN
- PROPOSED SURFACE WATER RISING MAIN

Any existing live services will require diverting to accommodate future development if any present.

Drainage proposals subject to additional infiltration testing and sewerage undertakers pre development enquiry.

It has been considered the new access road serving the 10 properties is to remain private and maintained by a management company.

It has been considered the new drainage proposals are to remain private, with the exception of MHF02 and its connection being offered for adoption under a Section 106.

Existing sewer information to be provided to allow assessment of levels and determine the requirement of pumping features. A gravity connection may be viable.

Rev	Details	By	Chk	Date
A	Updated following infiltration testing	S.T.P.	T.C.	25.07.2023
Ø	Initial issue	J.C.	T.C.	19.04.2023

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Client: Acumen

Project: Newsome Bowling Club

Title: Proposed Foul and Surface Water Drainage Strategy

Drawn:	Checked:	Date:	Scale:	Original dwg size
J.C.	T.C.	April 2023	1:200	A1

Drawing Number: P3932-01 Rev: Ø