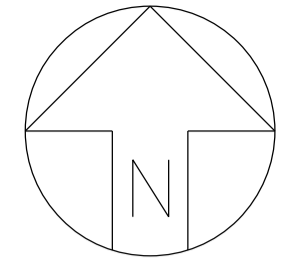


Minimum 2m deep root protection such as "Terram routeguard" or similar approved to be installed where proposed sewers are in close proximity to proposed/ existing trees

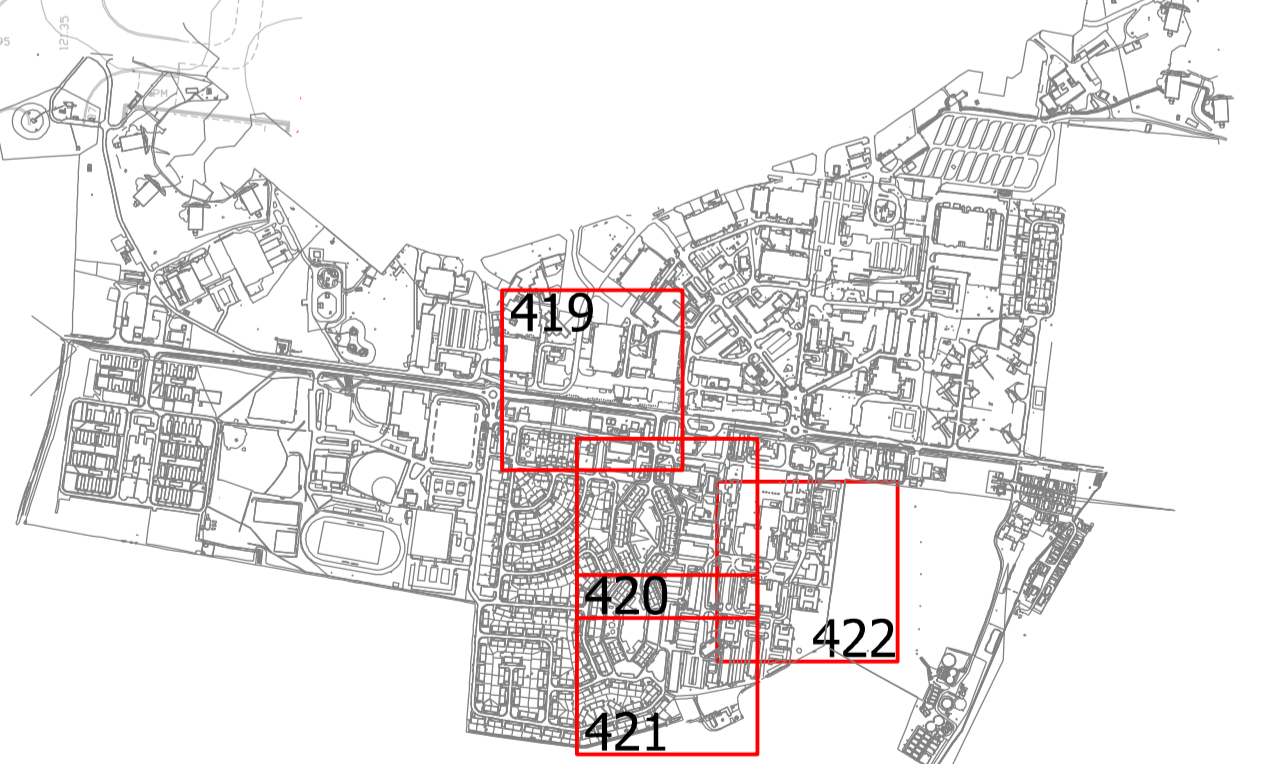


- Contractors must check all dimensions on site. Only figured dimensions are to be worked from. Discrepancies must be reported to the Architect or Engineer before proceeding. © This drawing is copyright
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- Existing drainage invert level, cover level and pipe sizes taken from survey information. Not all drainage connections have been proven and some invert levels are marked as assumed.
- Further survey may be required to locate pipes and services which may affect construction of the drainage.
- Pipe lengths to be abandoned to be CCTV'd to ensure no further saddle connections/buried manholes are adversely affected.
- Cover levels through the proposed development are subject to detailed design and may change from that shown.
- Contractor to confirm all ILS prior to commencement including upstream and downstream MHS.
- Refer to drawings HEYF/5/419, HEYF/5/421 and HEYF/5/422 for continuation of drainage.
- Refer to drawing HEYF/5/423 for MH schedule.
- Surface water storage tanks to be constructed from 1mx0.4x0.5m Aquacell core units by Wavin or similar approved. Min cover without concrete protection is 0.6m in trafficked areas and 0.3m in soft landscaped areas.

Key

- 150 1/60 SC1 CL 122.000 IL 120.000 Proposed surface water drainage diversion and enabling works with manhole reference, cover level, invert level, pipe size and gradient
- 0800 Existing surface water drainage with manhole reference, cover level, invert level and pipe size This drawing is copyright
- 150 1/60 SC2 CL 122.000 IL 120.000 Proposed residential development surface water drainage with manhole reference, cover level, invert level and pipe size
- 150 1/40 FC1 CL 122.000 IL 120.000 Proposed foul water drainage diversion and new runs with manhole reference, cover level, invert level, pipe size and gradient
- 0800 Existing foul water drainage with manhole reference, cover level, invert level and pipe size
- 150 1/40 FC2 CL 122.000 IL 120.000 Proposed residential development foul water drainage with manhole reference, cover level, invert level and pipe size
- Existing drainage to be abandoned. Pipes and manholes to be grubbed up
- 100mm thick concrete slab over adoptable drainage that has less than 1.2m cover
- Areas of lined porous paving (part of on-plot works)

Key Plan (NTS)



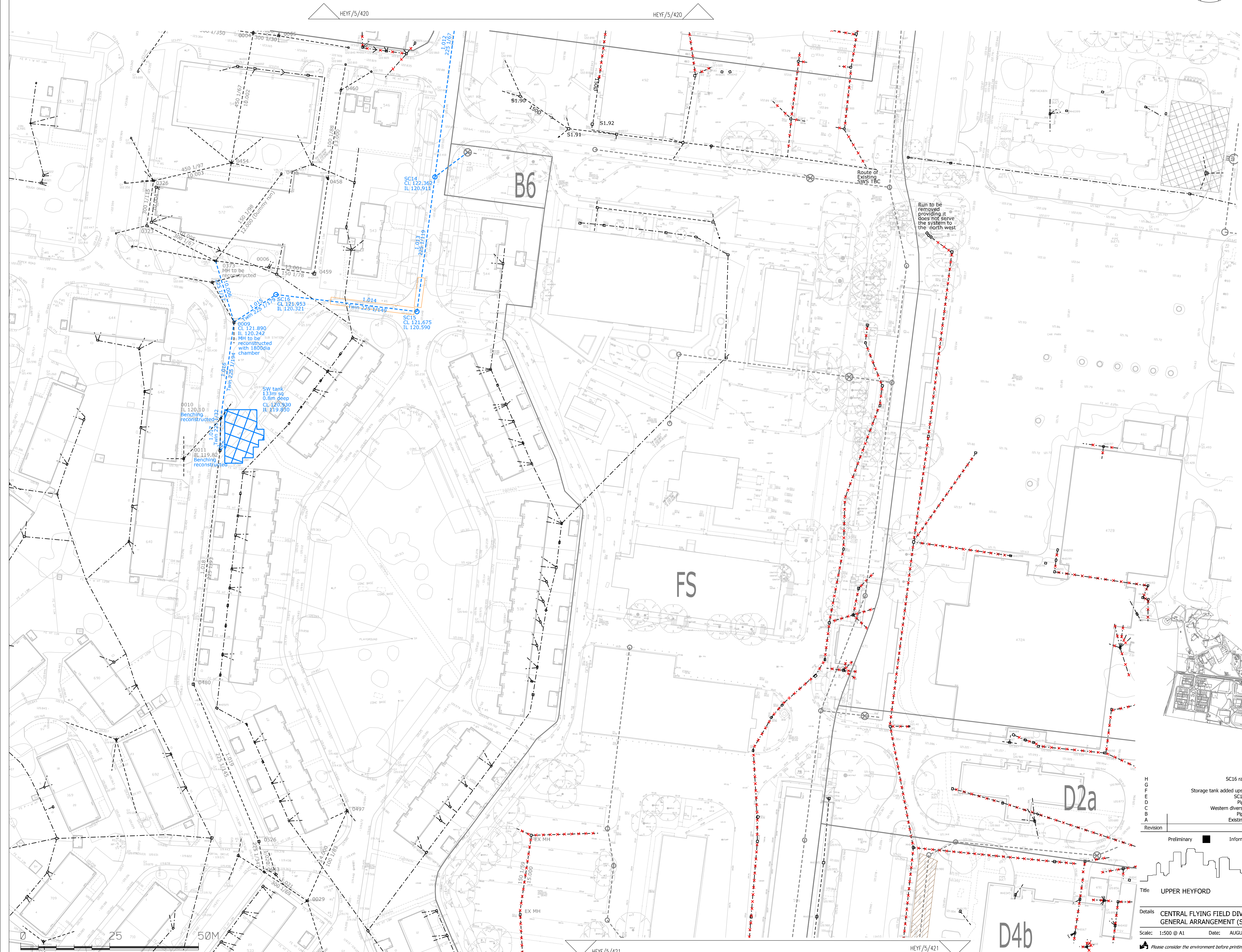
Revision	Description	Drawn	Checked	Date
H	SC16 raised to improve downstream gradient	AT	JF	04.11.14
F	SC14 spur repositioned	AT	JF	29.07.14
F	Storage tank added upstream of 1.018 following discussions with Alton Water	AT	JF	27.05.14
E	SC12 and SC13 cover levels amended	AT	JF	14.03.14
D	Pipe out of SC6 changed to 150da	AT	JF	17.02.14
C	Western diversion drainage added to north west of drawing	AT	JF	10.12.13
B	Pipe arrangement near SC7 updated	AT	JF	08.11.13
A	Existing layout amended to suit site survey	AT	JF	01.11.13

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Scale: 1:500 @ A1 Date: AUGUST 2013 Drawn: AT Chk: JF

HEYF/5/420 H



HEYF/5/420

HEYF/5/421

HEYF/5/421