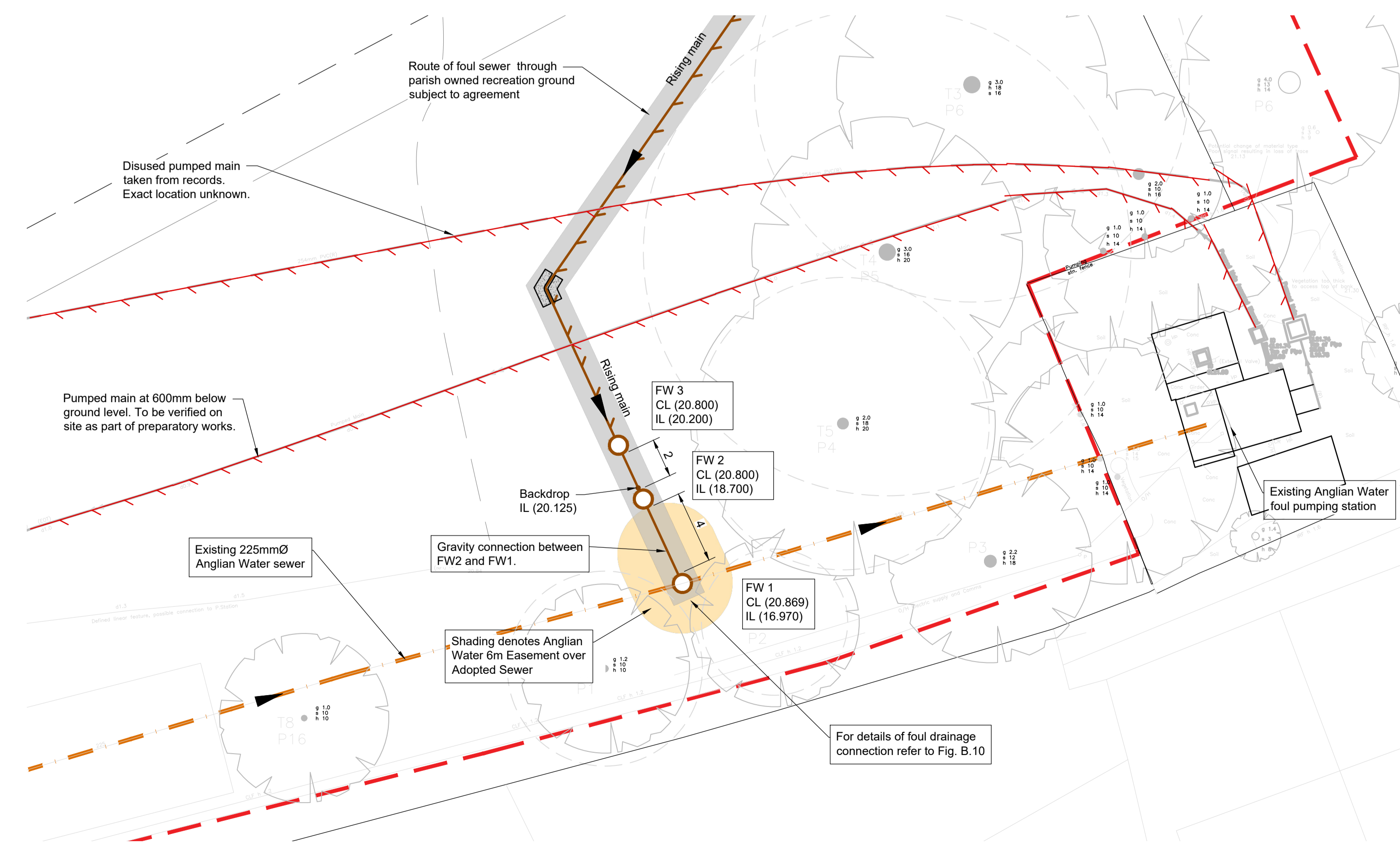
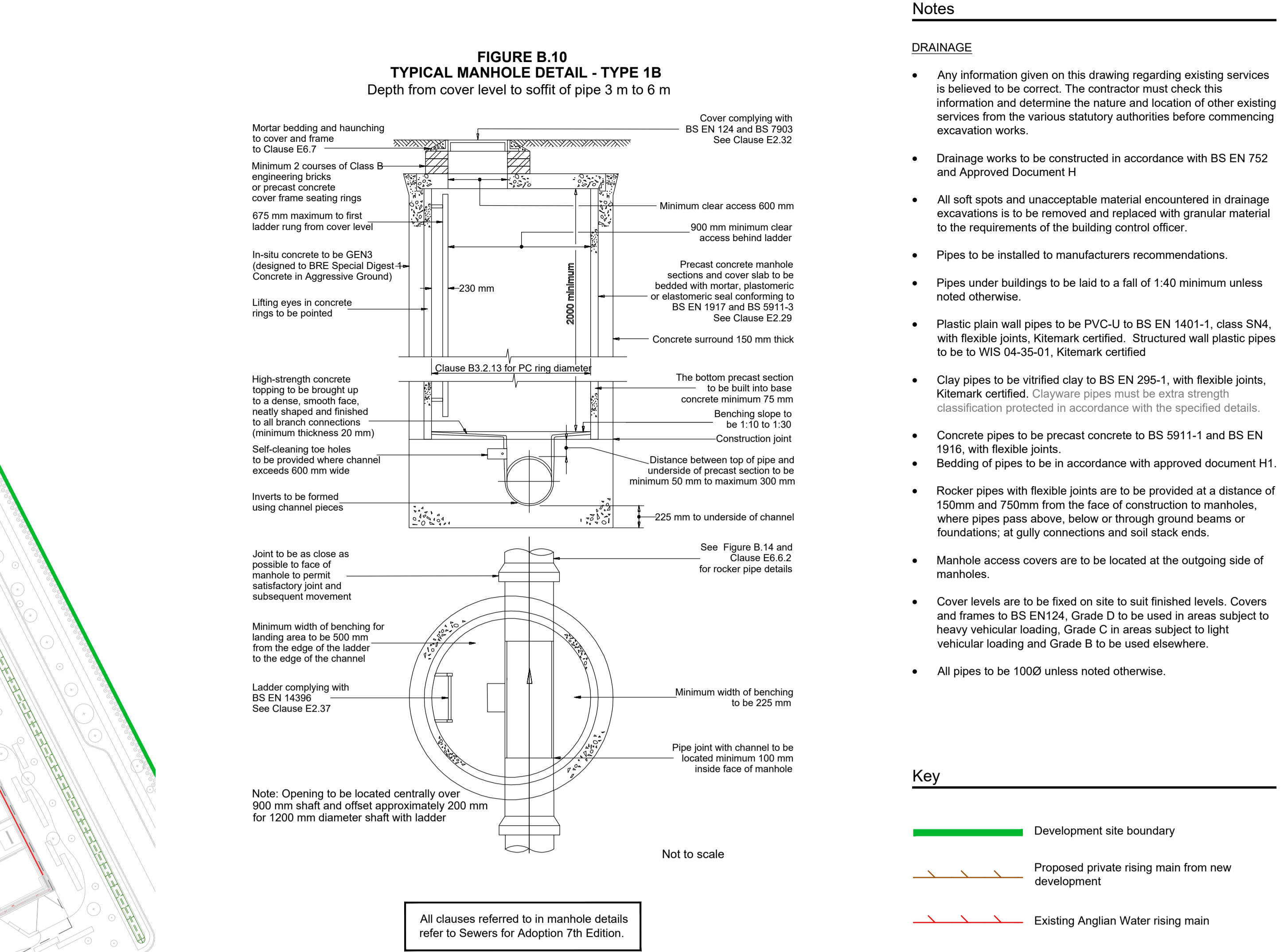


**BIRCHWOOD DEVELOPMENT FOUL DRAINAGE OVERVIEW PLAN**  
(1:500)

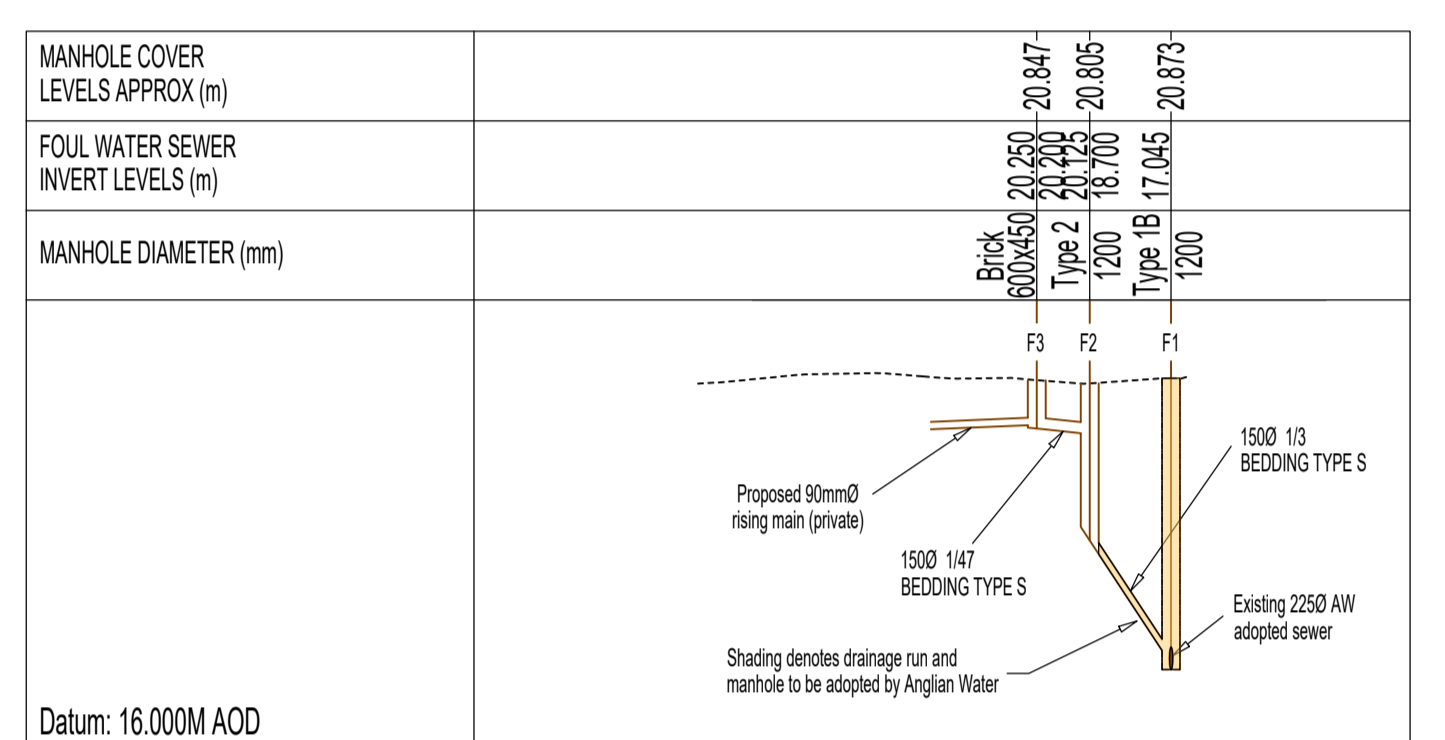


**ENLARGED PLAN INDICATING PROPOSED CONNECTION TO EXISTING ANGLIAN WATER FOUL SEWER**  
(1:200)



**FIGURE B.10 - TYPICAL MANHOLE DETAIL TO SFA 7TH EDITION**

- Notes**
- DRAINAGE**
- Any information given on this drawing regarding existing services is believed to be correct. The contractor must check this information and determine the nature and location of other existing services from the various statutory authorities before commencing excavation works.
  - Drainage works to be constructed in accordance with BS EN 752 and Approved Document H.
  - All soft spots and unacceptable material encountered in drainage excavations is to be removed and replaced with granular material to the requirements of the building control officer.
  - Pipes to be installed to manufacturers recommendations.
  - Pipes under buildings to be laid to a fall of 1:40 minimum unless noted otherwise.
  - Plastic plain wall pipes to be PVC-U to BS EN 14011, class SNA, with flexible joints, Kitemark certified. Structured wall plastic pipes to be to WIS 04-35-01, Kitemark certified.
  - Clay pipes to be vitrified clay to BS EN 295-1, with flexible joints, Kitemark certified. Clayware pipes must be extra strength classification protected in accordance with the specified details.
  - Concrete pipes to be precast concrete to BS 5911-1 and BS EN 1916, with flexible joints.
  - Bedding of pipes to be in accordance with approved document H1.
  - Rocker pipes with flexible joints are to be provided at a distance of 150mm and 750mm from the face of construction to manholes, where pipes pass above, below or through ground beams or foundations, at gully connectors and soil stack ends.
  - Manhole access covers are to be located at the outgoing side of manholes.
  - Cover levels are to be fixed on site to suit finished levels. Covers and frames to BS EN124, Grade D to be used in areas subject to heavy vehicular loading, Grade C in areas subject to light vehicular loading and Grade B to be used elsewhere.
  - All pipes to be 1000 unless noted otherwise.
- Key**
- Development site boundary
  - Proposed private rising main from new development
  - Existing Anglian Water rising main
  - Existing 2250 Anglian Water gravity sewer
  - Proposed private gravity foul drainage runs
  - Proposed new manholes

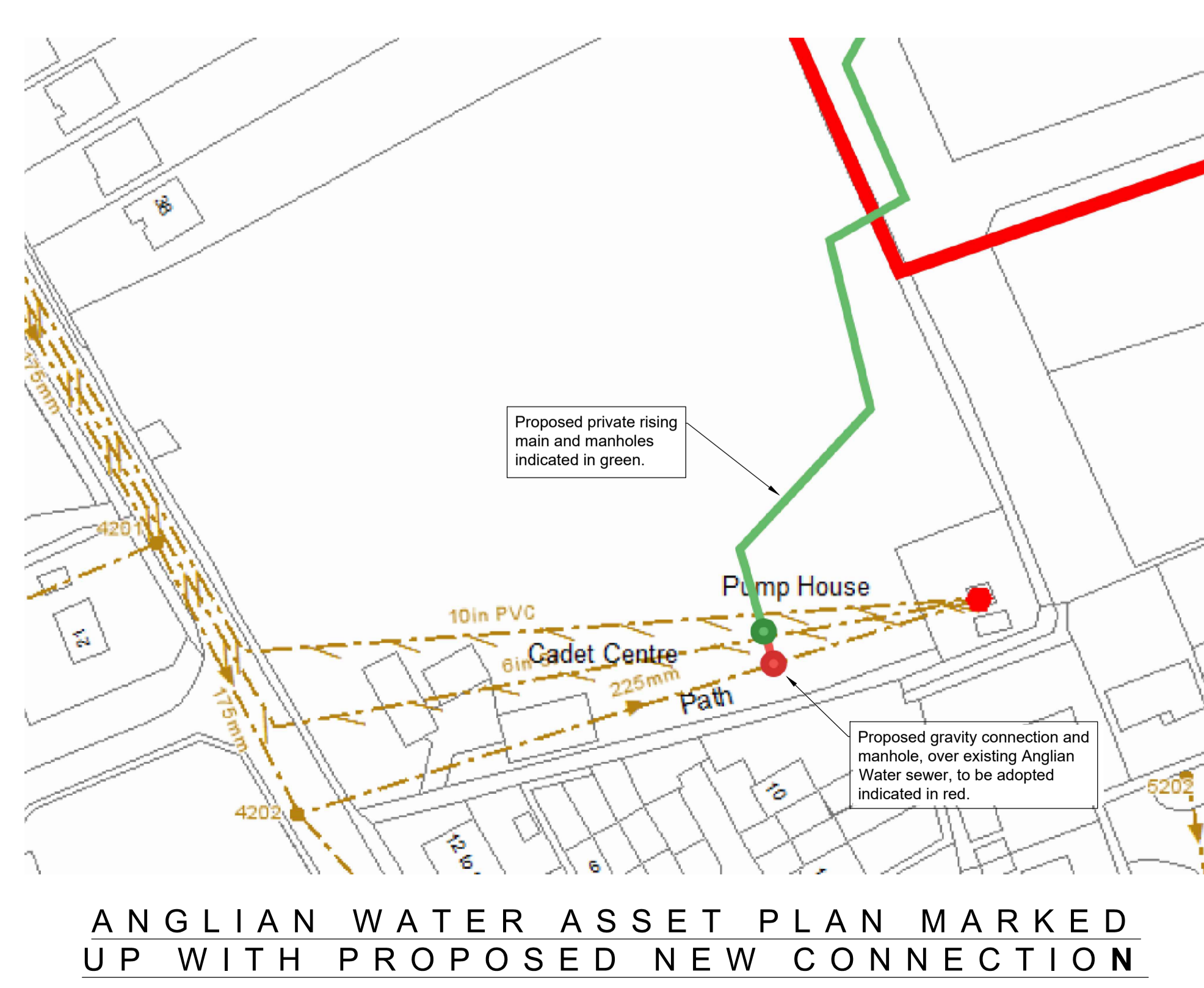


**LONG SECTION THROUGH PROPOSED ADOPTED DRAINAGE**  
(1:500 HORIZ 1:100 VERT)

**FOUL DRAINAGE MANHOLE SCHEDULE**

MANHOLE NAME	EASTINGS	NORTHINGS	COVER LEVEL	INVERT LEVEL	MANHOLE DEPTH	MANHOLE TYPE	INTERNAL DIMENSIONS	COVER SIZE	COVER GRADE	BEDDING CLASS
FW1 (to be adopted)	538525.134	245248.549	20.869	18.970 17.645 in from FW2	3.899	TYPE 1B	1200mm DIA	675 x 675 mm	D400	CLASS - S
FW2 (Private)	538522.824	245253.540	20.800	18.700 20.125 Backdrop	2.100	TYPE 2	1200mm DIA	675 x 675 mm	D400	CLASS - S
FW3 (Private)	538521.354	245256.717	20.800	20.200	0.600	TYPE 4	600 x 450mm	600 x 450 mm	D400	CLASS - S

NOTE: Invert level of EX FW1 to be verified by the contractor prior to commencing the works and it is assumed that the works will commence from FW1 working upstream to eliminate the risk of pipe connection anomalies in the works.



**ANGLIAN WATER ASSET PLAN MARKED UP WITH PROPOSED NEW CONNECTION**

NOTE: ASSET PLAN IS INDICATIVE ONLY. FOR ACTUAL LOCATIONS OF EXISTING AW DRAINAGE RUNS AND PROPOSED NEW DRAINAGE SEE ADJACENT PLAN

**HAZARDS LEADING TO UNUSUAL OR SIGNIFICANT RISKS DURING THE CONSTRUCTION PROCESS ARE IDENTIFIED ON THIS DRAWING AS:**

NOTE: THE LIST BELOW IDENTIFIES CERTAIN RISKS WHICH ARE DEEMED TO BE UNUSUAL, ABNORMAL OR UNEXPECTED TO A COMPETENT CONTRACTOR CARRYING OUT WORK OF THIS NATURE BUT DOES NOT COVER ALL POSSIBLE SITUATIONS WHICH MAY BE ENCOUNTERED DURING THE CONSTRUCTION PROCESS. IT IS THEREFORE THE MAIN CONTRACTORS RESPONSIBILITY TO IDENTIFY ANY FURTHER RISKS/HAZARDS AND TAKE APPROPRIATE ACTION.

**RISK/HAZARDS SPECIFIC TO THIS DRAWING:**

**FOR TENDER - NOT FOR CONSTRUCTION**

T06   Updated following SDC comments	NSC	JAM	JAM	17.06.21
T07   Updated for s106 Application	NSC	DA	DA	09.06.21
T02   Updated for s106 Application	NSC	DA	DA	09.06.21
T01   10/06/2021	NSC	DA	DA	23.03.21
Rev   Amendment	Dim.	Chkd	Appd.	Date

**BIRCHWOOD FIELDS MELBOURN FARM**

Drawing: **OFF-SITE DRAINAGE SCHEME S106**

Client: SDC | SDCM Project Number: 203493

**Scott White and Hookins**  
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Scale at A0 - 1:200 U.N.O

**BWD-SWH-ZZ-ZZ-DR-D-0532-T04**  
Plotter | Designer | Zone | Level | Type | (Rev) Number | Rev

DO NOT SCALE FROM THIS DRAWING