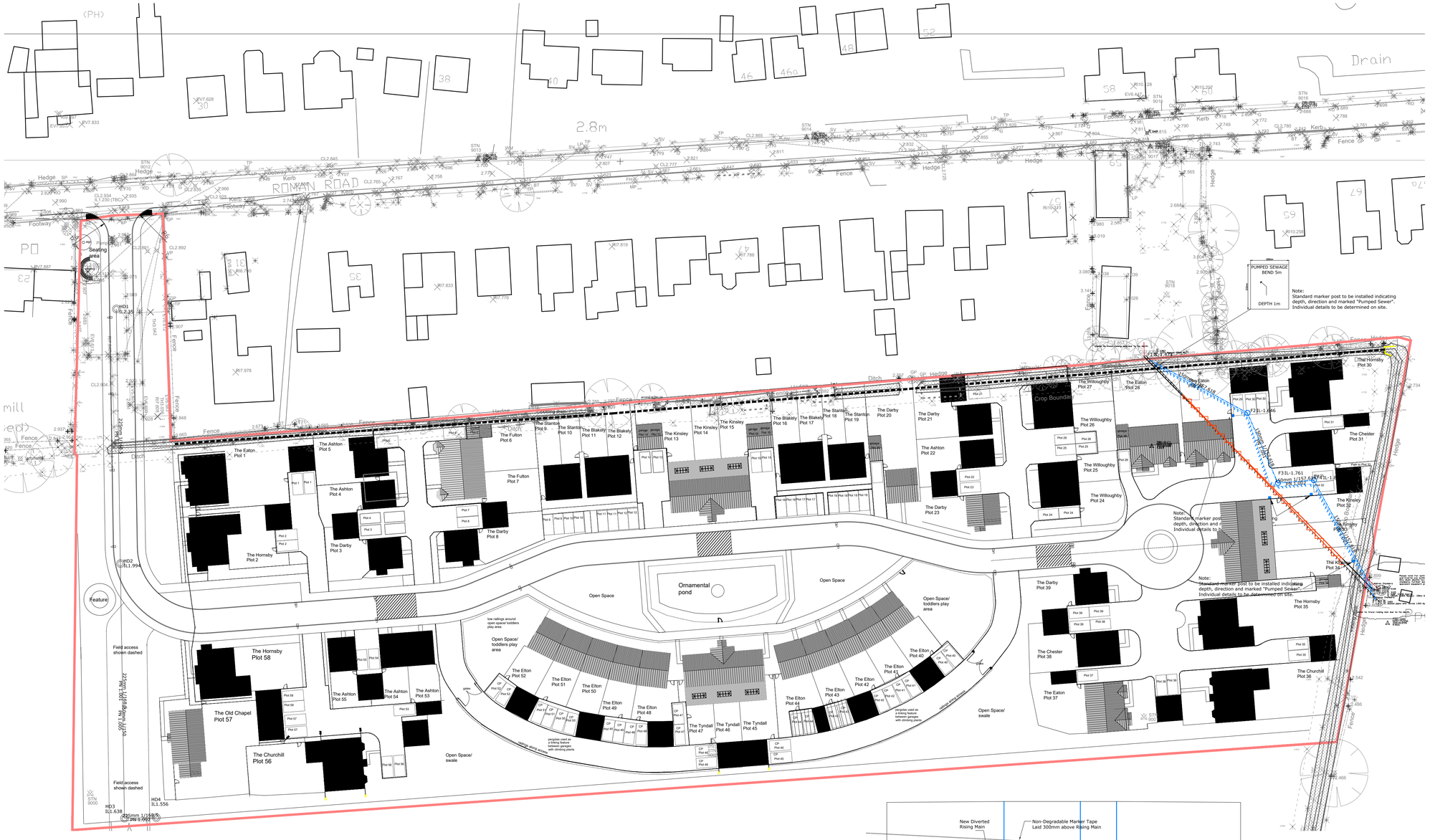
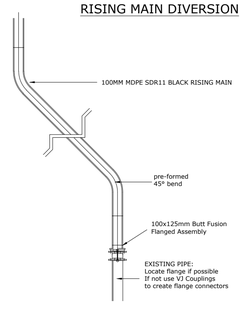
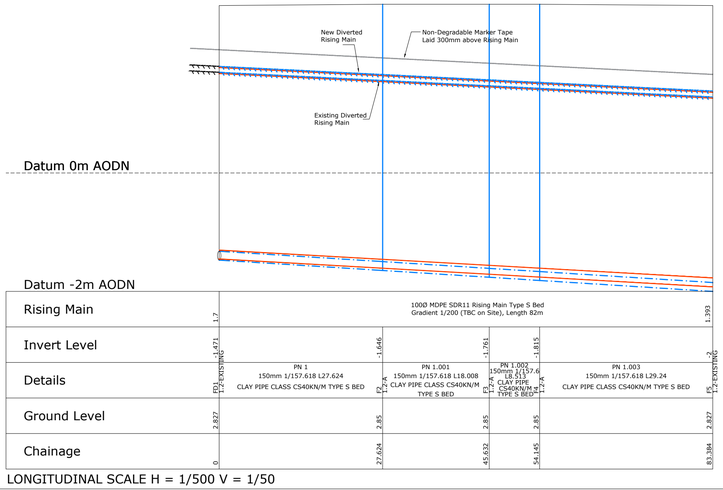


RISING MAIN DIVERSION



MH NO	X-ORD	Y-ORD	INVERT	CL	COVER	MHDIA	TYPE
F1	529718.226	318203.633	-1.471	2.827	4.148	0.12	EXISTING
F2	529742.495	318190.437	-1.646	2.85	4.346	1.2	A
F3	529749.679	318173.925	-1.761	1.85	3.461	1.2	A
F4	529758.167	318174.578	-1.815	2.85	4.515	1.2	A
F5	529772.033	318148.836	-2	2.827	4.677	0.12	EXISTING

PIPE DATA	X-ORD	Y-ORD	INVERT	DIA	GRADIENT	LENGTH
1.003 F4 F5 0.15 CLAY CS40KN/M S	529758.167	318174.578	-1.815	0.15	157.618	29.24
1.002 F3 F4 0.15 CLAY CS40KN/M S	529749.679	318173.925	-1.761	0.15	157.618	8.513
1.001 F2 F3 0.15 CLAY CS40KN/M S	529742.495	318190.437	-1.646	0.15	157.618	18.008
1 F1 F2 0.15 CLAY CS40KN/M S	529719.646	318202.861	-1.385	0.15	157.618	27.624



GENERAL NOTES

1. THIS DRAWING IS COPYRIGHT ©.
2. ALL DIMENSIONS IN METRES UNLESS OTHERWISE STATED.
3. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT DRAWINGS AND SPECIFICATIONS.
4. ALL WORK SHALL COMPLY WITH THE BUILDING REGULATIONS AND THE REQUIREMENTS OF THE LOCAL AUTHORITY, CURRENT CODES OF PRACTICE AND BRITISH STANDARDS.
5. ALL EXISTING SERVICES, SEWERS AND DRAINS INDICATED ON THIS DRAWING AND ANY OTHER RELATED DRAWINGS ARE SHOWN ONLY INDICATIVELY, AND SHALL HAVE THEIR POSITIONS AND LEVEL CONFIRMED ON SITE BY THE CONTRACTOR.
6. THE INVERT LEVELS OF ALL EXISTING SEWERS, DRAINS, DITCHES, TANKS OR OTHER FEATURES AND APPARATUS WHERE A NEW CONNECTION IS TO BE MADE SHALL HAVE THEIR PRECISE POSITION AND LEVEL CONFIRMED ON SITE BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION WORK. THE RESULTS OF THE INVESTIGATIONS SHALL BE CONFIRMED TO MTC ENGINEERING (CAMBRIDGE) LTD SO THAT THE DESIGN CAN BE VERIFIED.

DRAINAGE NOTES

1. ALL PRIVATE DRAINAGE WORKS TO BE IN ACCORDANCE WITH THE REQUIREMENTS OF BUILDING REGULATIONS 2010, PART H, "DRAINAGE AND WASTE DISPOSAL", (01ST OCTOBER 2015).
2. ALL PIPES TO BE BEDDED AND BACKFILLED IN ACCORDANCE WITH PART H, DIAGRAM 10. SHALLOW PIPES SHALL BE PROTECTED IN ACCORDANCE WITH PART H, DIAGRAM 11.
3. UNLESS OTHERWISE STATED, ALL PRIVATE DRAINAGE TO BE 100MM DIAMETER. GRADIENTS HAVE BEEN SHOWN WHERE THERE ARE PIPE CAPACITY ISSUES AND THESE SHOULD BE REGARDED AS MINIMUMS. UNLESS THERE ARE CONSTRAINTS DICTATING OTHERWISE, GRADIENTS SHALL GENERALLY BE 1 IN 60. 100MM DIAMETER PIPES SHALL NOT BE LAID FLATTER THAN 1 IN 80, 150MM DIAMETER PIPES SHALL NOT BE LAID FLATTER THAN 1 IN 150.
4. ALL PIPES, CHAMBERS AND FITTINGS TO BE INSTALLED STRICTLY IN ACCORDANCE WITH THE MANUFACTURERS INSTRUCTIONS.
5. PIPES WHICH RUN ADJACENT TO BUILDINGS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH PART H, CLAUSES 2.23 TO 2.25 AND DIAGRAM 8.
6. ALL PRIVATE MANHOLES, INSPECTION CHAMBERS AND DRAINAGE CHANNELS TO COMPLY WITH BS EN124. COVER STRENGTHS TO BE:
   - 6.1. CLASS D400 IN HEAVY TRAFFICKED AREAS (ACCESS ROADS, SERVICE YARDS ETC.)
   - 6.2. CLASS C250 IN LIGHTLY TRAFFICKED AREAS (CAR PARKS, DRIVEWAYS ETC)
   - 6.3. CLASS B125 IN NON TRAFFICKED AREAS
   - 6.4. CLASS A15 IN LANDSCAPING AREAS
7. ALL DRAINS IN THE VICINITY OF EXISTING OR PROPOSED TREES TO BE CONSTRUCTED IN ACCORDANCE WITH THE REQUIREMENTS OF NHBC PRACTICE NOTE 3.
8. PRIVATE DRAINAGE FRAMES MUST BE TIED TO MANHOLE RISERS BY USE OF MANUFACTURERS TIES (E.G. POLYPIPE REF. FRK50 FIXING KIT AND FRK501 BLACK TIES.) THE GROUND WORKS CONTRACTOR WILL BE HELD FULLY RESPONSIBLE FOR ANY ACCIDENTS DUE TO INCORRECT FITTING OR FAILURE TO USE THE CORRECT MANUFACTURERS FIXING EQUIPMENT.
9. ALL EXISTING LAND DRAINS ENCOUNTERED ON SITE DURING CONSTRUCTION TO BE RE-CONNECTED.

Section 185 Sewer Diversion Key:

- New 100Ø Foul Rising Main (MDPE)
- Existing 10Ø Foul Rising Main (PVC) To Be Removed
- New 150Ø Foul Sewer (Clay)
- Existing 150Ø Foul Sewer (Clay) To Be Removed
- Existing 150Ø Foul Sewer (Clay)
- Existing 100Ø Foul Rising Main (PVC)

Anglian Water Notes

All S.104 adoptable drainage shall conform to the design and construction guide for developers, Sewers for Adoption 6th Edition published by WRc plc and any AWSL additions & deletions current at the time of execution.

All covers and frames on adoptable AW sewers are to be D400, kitemarked and be badged 'FW' or 'SW' accordingly. Suppliers shall be Stanton, Paul Savage, Norinco or Wrekin.

All connections to adoptable sewers will be made in vitrified clay, to be a minimum of 100mm diameter and be connected at soffit to soffit level.

Adoptable pipework shall be to the following specification:

Clayware: BS EN 295-1:1991
150 dia. Crushing Strength 34kN/m
225 dia. Class 160

Concrete: BS EN 5911-1:2002
>300 dia. Class 120

FOR APPROVAL

REV	DATE	DESCRIPTION/REASON FOR ISSUE	
A	30.04.20	FOUL REVISED	JTC

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TITLE
PROPOSED RESIDENTIAL DEVELOPMENT MOULTON CHAPEL, SPALDING SECTION 185 DIVERSION PLAN

ORIG	DATE
JTC	MARCH 2020
CHKD	SCALE 1/500 @ A1
APPR	DRAWING NO 2351-10 REV A

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