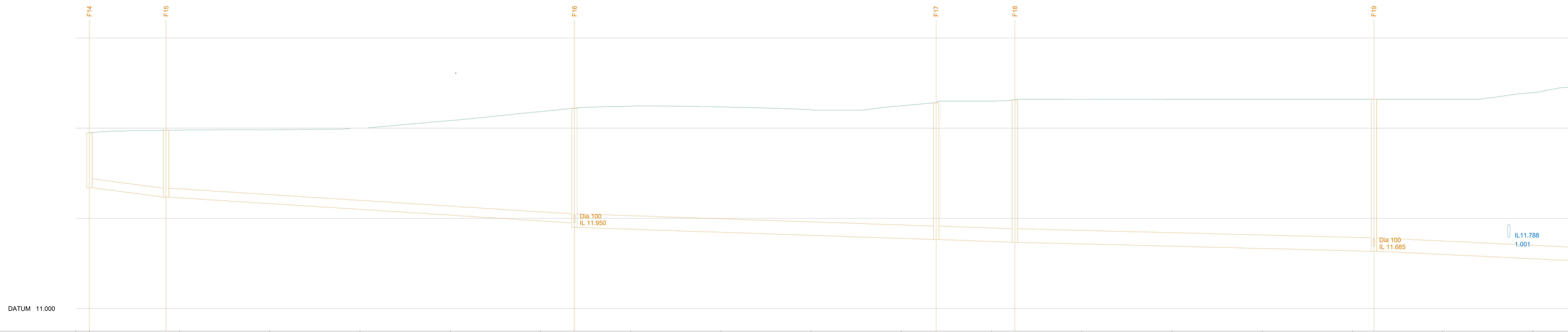


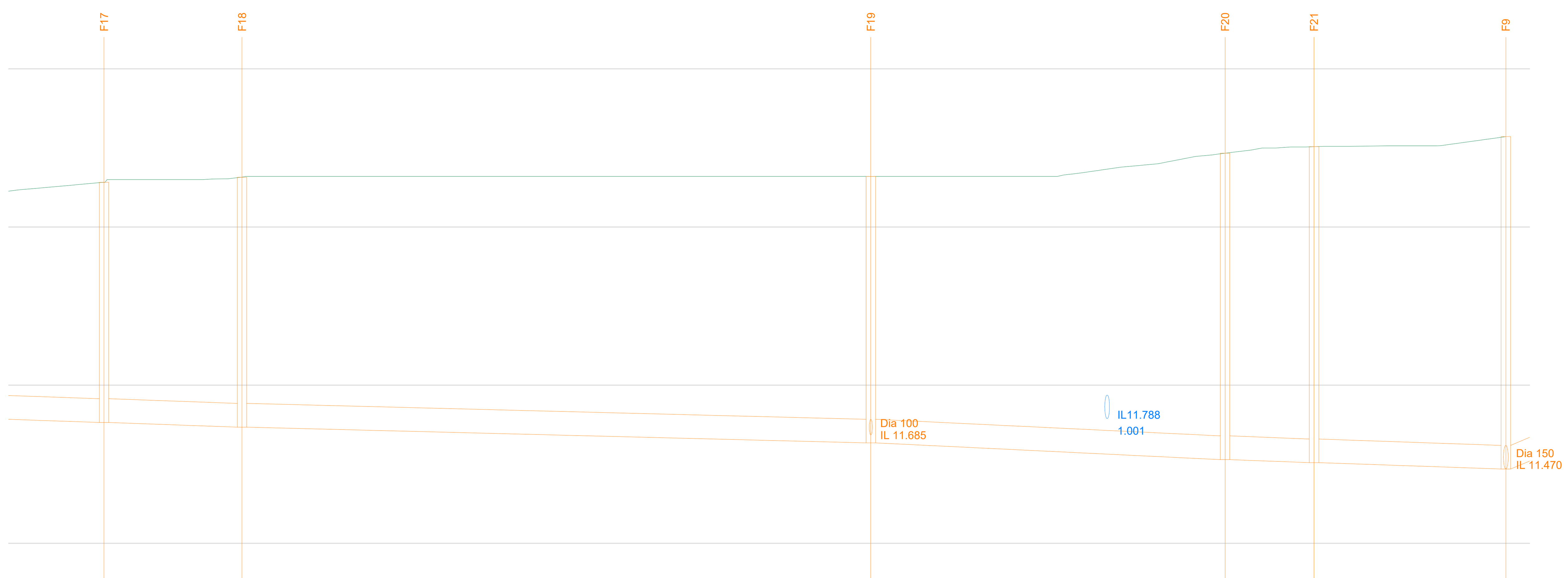
GROUND LEVEL	12.948	12.978	12.983	13.000	13.085	13.184	13.244	13.236	13.204	13.249	13.300	13.320	13.320	13.320	13.320	13.320	13.395

	F14	F15	F16	F17	F18	F19
FOULWATER COVER LEVEL	12.948	12.978	13.222	13.283	13.315	13.320
FOULWATER INVERT	12.340	12.235 / 12.235	11.950 / 11.900	11.765 / 11.765	11.735 / 11.735	11.635 / 11.635

	Pipe 2.000	Pipe 2.001	Pipe 2.002	Pipe 2.003	Pipe 2.004	Pipe 2.005
FOULWATER DETAILS	Pipe 2.000 Dia 100 1 in 40	Pipe 2.001 Dia 100 1 in 79	Pipe 2.002 Dia 150 1 in 148	Pipe 2.003 Dia 150 1 in 145	Pipe 2.004 Dia 150 1 in 152	Pipe 2.005 Dia 150 1 in 151
FOULWATER LENGTHS	4.248	22.633	20.046	4.364	19.897	11.209

DRAIN RUN F2

SCALE H1:125 V1:25



Ground level	13.249	13.300	13.320	13.320	13.320	13.320	13.320	13.395	13.507	13.536

	F17	F18	F19	F20	F21	F9
Cover level	13.283	13.315	13.320	13.467	13.508	13.572
Invert	11.765 / 11.765	11.735 / 11.735	11.635 / 11.635	11.530 / 11.530	11.510 / 11.510	11.470

	Pipe 2.003	Pipe 2.004	Pipe 2.005	Pipe 2.006	Pipe 2.007
Details	Pipe 2.003 Dia 150 1 in 145	Pipe 2.004 Dia 150 1 in 152	Pipe 2.005 Dia 150 1 in 151	Pipe 2.006 Dia 150 1 in 141	Pipe 2.007 Dia 150 1 in 152
Lengths	4.364	19.897	11.209	2.814	6.070

DRAIN RUN F2 (CONT)

SCALE H1:125 V1:25

A1

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NOTES

1. DO NOT SCALE FROM THIS DRAWING. USE ONLY WRITTEN DIMENSIONS.
2. ALL PIPE DIAMETERS ARE IN MILLIMETRES AND ALL LEVELS ARE IN METRES UNLESS OTHERWISE STATED.
3. LOCATIONS AND LEVELS OF CONNECTIONS TO EXISTING SEWERS ARE TO BE CHECKED ON SITE BY THE CONTRACTOR PRIOR TO COMMENCING WORKS. ANOMALIES ARE TO BE REPORTED TO THE ENGINEER IMMEDIATELY.
4. COVER LEVELS FOR MANHOLES AND INSPECTION CHAMBERS ARE INDICATIVE ONLY - THEY SHALL BE LAID FLUSH WITH THE ADJACENT SURFACING.
5. ALL WORKS TO COMPLY WITH "DESIGN & CONSTRUCTION GUIDE LATEST EDITION". ALL WORKMANSHIP TO BE IN ACCORDANCE WITH CIVIL ENGINEERING SPECIFICATION FOR THE WATER INDUSTRY (CESWI) UNLESS OTHERWISE STATED.
6. PROPOSED PIPEWORK WITH LESS THAN THE FOLLOWING DEPTHS TO SOFFIT REQUIRES A CONCRETE SURROUND:
   - PROPOSED PIPEWORK WITH <1.2m DEPTH TO SOFFIT IN ROADS/SERVICE AREAS.
   - OR <0.9m DEPTH TO SOFFIT IN PEDESTRIAN AREAS & DOMESTIC DRIVEWAYS WITH 7.5T VEHICLE WEIGHT LIMIT.
   - OR <0.5m DEPTH TO SOFFIT IN PEDESTRIAN AREAS & DOMESTIC DRIVEWAYS WITH NO VEHICLE WEIGHT LIMIT.
   - OR <0.35m DEPTH TO SOFFIT IN LANDSCAPED AREAS REQUIRES CLASS Z BEDDING"
7. PIPEWORK BUILT THROUGH STRUCTURAL WALL SHALL HAVE 50mm CLEARANCE AND A SUITABLE LINTEL INSTALLED TO OPENING.FLEXIBLE JOINTS EITHER SIDE OF THE WALL SHOULD BE LOCATED NOT MORE THEN 150mm FROM THE FACE.
8. TYPE E AND D PPIC'S ARE BY WAVIN OR SIMILAR APPROVED.
9. ANY 100mm DIA PIPE WITHOUT A WC CONNECTION SHOULD NOT BE FLATTER THAN 1:40
10. ALL RWP'S ARE TO OUTFALL VIA PLASTIDRAIN INLET HOPPER GULLY - BN 110 P/E OR SIMILAR APPROVED.
11. A 30mm REDUCTION IN LEVEL HAS BEEN ALLOWED FOR IN THE CALCULATION OF INVERT LEVELS FOR ALL BRANCH CONNECTIONS TO PLASTIC INSPECTION CHAMBERS (AS PER WAVIN DETAILS). INVERT LEVELS REFER TO MAIN CHANNEL. IF ALTERNATIVE CHAMBERS ARE PROPOSED THIS VALUE MAY VARY AND THE DESIGNER SHOULD BE CONSULTED.
12. ALL AREAS TO BE SCANNED FOR EXISTING BURIED SERVICES OR OTHER OBSTRUCTIONS PRIOR TO EXCAVATION WORKS.
13. PROPOSED FOUL DRAINAGE TO BE CONSTRUCTED IN ACCORDANCE WITH BUILDING REGULATIONS 2010 DRAINAGE & WASTE DISPOSAL - PART H 2015 EDITION.
14. ALL MANHOLE COVER LEVELS AND EXTERNAL FINISHED FLOOR LEVELS ARE TO BE CONFIRMED BY THE ARCHITECT. COVER LEVELS FOR MANHOLES AND INSPECTION CHAMBERS ARE INDICATIVE ONLY - THEY SHALL BE LAID FLUSH WITH THE ADJACENT SURFACING.
15. CONTRACTOR TO CONFIRM INVERT LEVELS OF PROPOSED CONNECTION ON EXISTING UNITED UTILITIES SEWERS.
16. ALL SOIL STACK CONNECTIONS TO BELOW GROUND DRAINAGE TO BE 100mm Ø LAID AT MINIMUM 1:80 GRADIENT (MIN. 1WC), UNLESS OTHERWISE STATED ON DRAWING.
17. ANY REQUIRED FOUNDATION PENETRATION DETAILS TO BE PROVIDED BY STRUCTURAL ENGINEER.
18. CONNECTIONS UPSTREAM TO SVPS/SS TO BE DESIGNED BY OTHERS.
19. THE DEVELOPER MUST SELF-VET AND CERTIFY THAT THE DESIGN CRITERIA, MATERIAL STANDARDS AND WORKMANSHIP SPECIFICATIONS FOR THE PROPOSED ADOPTABLE LATERAL DRAIN ARE IN ACCORDANCE WITH THOSE SET OUT IN 'SEWERS FOR ADOPTION' 7TH EDITION, AND THE REQUIREMENTS OF UU AS THE STATUTORY SEWERAGE UNDERTAKER.
20. FOUL PIPEWORK TO BE VITRIFIED CLAY OR PLASTIC .VITRIFIED CLAY PIPES SHOULD COMPLY WITH REQUIREMENTS BS EN 295 FOR FOUL PIPES.
21. PLASTIC PIPEWORK IS TO BE INSTALLED (POLYPIPE OR SIMILAR APPROVED) IN ACCORDANCE WITH THE MANUFACTURERS SPECIFICATION. ALL THERMOPLASTIC PIPEWORK SHALL COMPLY WITH THE REQUIREMENTS OF E2.21 & E2.22 (PAGE 89) OF SEWERS FOR ADOPTION 7TH EDITION.
22. ANY PIPE RUNS WITH LESS THAN 0.9m COVER LOCATED WITHIN NON-TRAFFICKED AREAS ARE TO BE 150mm GEN CONCRETE BED AND SURROUND.
23. ANY GREASE DRAINS THAT ARE DIRECTED TO GREASE TRAPS MUST USE CAST IRON PIPING SYSTEMS THAT ALLOW MECHANICAL CLEANING WHEN BLOCKAGES OCCUR.
24. ALL SVP LOCATIONS AND DISCHARGE UNITS ARE PROVIDED BY M&E ENGINEER OR ARCHITECT SITE BOUNDARY
25. ALL SVPs ARE TO HAVE LOW LEVEL ACCESS PLATES.
26. FOUL DRAINAGE REST BENDS TO BE MINIMUM -450mm DEEP.
27. DRAINAGE CONNECTIONS TO BE MADE SOFFIT TO SOFFIT FOR SURFACE WATER.
28. A SECTION 106 APPLICATION TO CONNECT TO THE FOUL & SURFACE WATER DRAINAGE SYSTEMS MUST BE MADE TO UNITED UTILITIES, THE DEVELOPER SHALL GIVE 21 DAYS' NOTICE PRIOR TO CONNECTION. THE WORKS MAY ONLY BE UNDERTAKEN BY AN SSIP HEALTH AND SAFETY APPROVED CONTRACTOR."

REV	DATE	DESCRIPTION	DRN	CH'D	APP'D
R1	21/07/25	FOR INFORMATION	MG	CLS	AJF

DRG. STATUS

FOR INFORMATION

CLIENT

DOWLS CONSTRUCTION LTD

PROJECT

NETHERLEY ROAD, TARBOCK GREEN, PRESCOT, L35 1QE

DRG. TITLE

PROPOSED FOUL WATER DRAINAGE ARRANGEMENT LONG SECTIONS SHEET 2 OF 3

DRG.NO.

25085-AJF-ZZ-ZZ-DR-D-104

REV

R1