

ADOPTABLE FOUL DRAINAGE:									
REF	COVER LEVEL(m)	INVERT LEVEL(m)	DEPTH TO INVERT(m)	MAIN PIPE DIA (mm)	MANHOLE TYPE S.F.A. 7th	MANHOLE TYPE	LOCATION	COVER TYPE	CO-ORDINATES
FL1	136.60	135.40	1.20	100	TYPE 4	MAC	GARDEN/LIGHT	A15	GRADE 1:6 TO EXISTING
FL2	135.60	134.40	1.20	100	TYPE 4	MAC	GARDEN/LIGHT	A15	GRADE 1:9.6 TO EXISTING
FL3	135.20	134.30	0.90	100	TYPE 4	MAC	GARDEN/LIGHT	A15	GRADE 1:80
FL4	135.15	134.20	0.95	100	TYPE 4	MAC	GARDEN/LIGHT	A15	GRADE 1:17
FL5	134.62	133.62	1.00	100	TYPE 4	MAC	DRIVE/MEDIUM	B125	GRADE 1:13
FL6	132.50	131.50	1.00	100	TYPE 3	IC	GARDEN/LIGHT	A15	GRADE 1:26
FL7	132.00	131.00	1.00	100	TYPE 3	IC	GARDEN/LIGHT	A15	GRADE 1:21
FL8	132.25	130.60	1.65	100	TYPE 3	IC	DRIVE/MEDIUM	B125	GRADE 1:80
FL9	132.00	130.47	1.53	100	TYPE 3	IC	DRIVE/MEDIUM	B125	GRADE 1:27.7
FL10	131.46	130.00	1.46	100	TYPE 3	IC	DRIVE/MEDIUM	B125	GRADE 1:19.9
FL11	130.80	129.20	1.60	100	TYPE 3	IC	DRIVE/MEDIUM	B125	GRADE 1:17.2
FL12	129.45	128.24	1.21	150	TYPE 3	IC	DRIVE/MEDIUM	B125	GRADE 1:5.6
FL13	128.20	127.00	1.20	150	TYPE 3	IC	DRIVE/MEDIUM	B125	GRADE 1:12.3
FL14	127.35	125.77	1.58	150	TYPE 3	IC	DRIVE/MEDIUM	B125	GRADE 1:80
FL15	127.30	125.69	1.61	150	TYPE 3	IC	GARDEN/LIGHT	A15	GRADE 1:80
FL16	128.35	125.48	2.87	150	TYPE 3	IC	GARDEN/LIGHT	A15	GRADE 1:44 TO EXISTING
FL17	124.50	123.45	1.05	100	TYPE 4	IC	GARDEN/LIGHT	A15	GRADE 1:9.7
FL18	123.69	121.83	1.86	100	TYPE 4	IC	DRIVE/MEDIUM	B125	GRADE 1:25 TO EXISTING
EXISTING	123.80	121.53	2.27	150					

- NOTE:
- TEN OR MORE PLOTS (FOUL DRAINAGE) REQUIRE 150mm PIPE
 - NO SADDLE CONNECTIONS PERMITTED ON PIPEWORK OVER 3m DEPTH
 - MANHOLES OVER 3m DEPTH TO BE PRE-CAST CONCRETE RINGS
 - DISTANCE OF MANHOLE FROM PLOT TO BE EQUAL OR GREATER THAN MANHOLE DEPTH
 - PLASTIC MINI-ACCESS CHAMBERS (MAC) CAN BE USED FOR UP TO 3 PLOTS
 - MANHOLE COVERS A15, B125, D400, TO SEWERS FOR ADOPTION 7th EDITIONS AND BSEN 124

INVERT LEVEL OF EXISTING SEWERS TO BE CHECKED AT EARLIEST AVAILABLE OPPORTUNITY

PROPOSED FOUL SEWER TO HAVE MINIMUM 900mm TO CROWN IN GARDENS / DRIVES (1.0m TO INVERT 100mm DIAM. 1.05m TO INVERT 150mm DIAM.)

EXISTING MANHOLE 6603 IN PONT ADAM CRESCENT ON 150mm COMBINED SEWER

EXISTING MANHOLE 7701 IN PONT ADAM CRESCENT ON 150mm COMBINED SEWER

EXISTING MANHOLE 5704 IN PONT ADAM CRESCENT ON 150mm COMBINED SEWER

EXISTING MANHOLE 5704 IN PONT ADAM CRESCENT ON 150mm COMBINED SEWER

BEDDING SCHEDULE

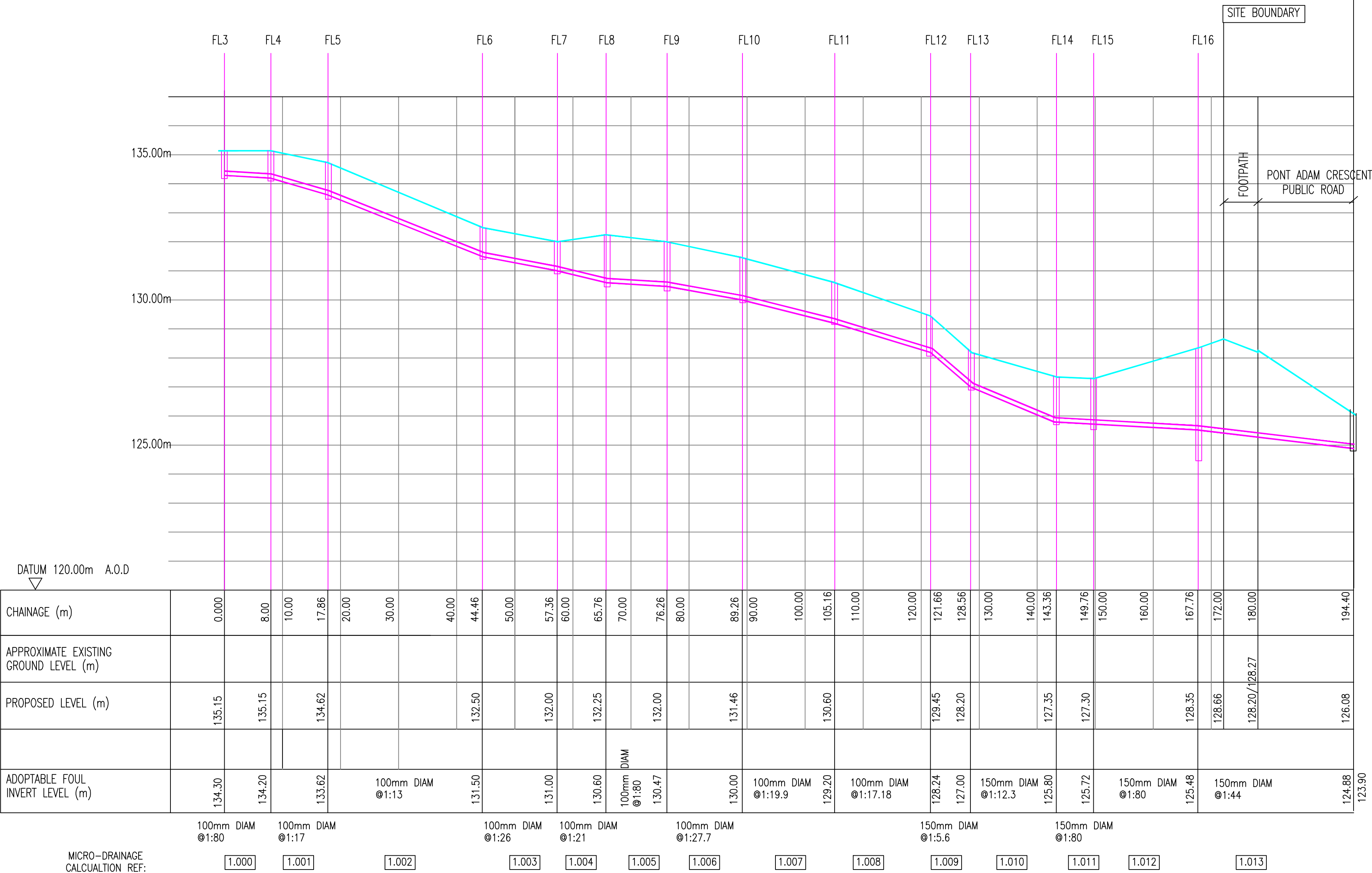
ALL BEDDING TYPE S TO SPECIFICATION FOR WATER INDUSTRY (WRC) 5th EDITION

SUMMARY OF PIPEWORK MATERIALS

150-300 DIAM: UPVC OR CLAYWARE

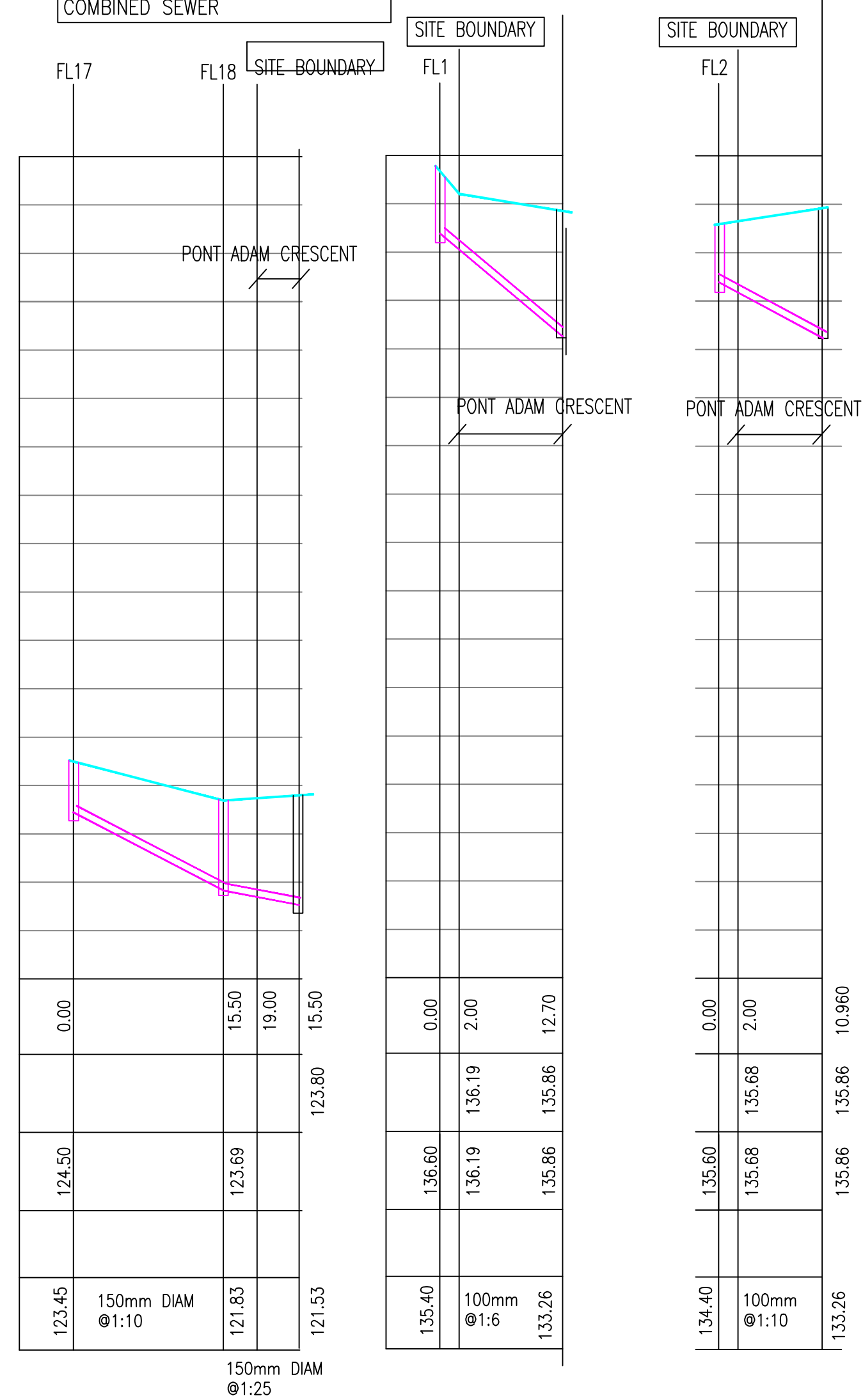
NOTE:

This drawing to be read in conjunction with Drainage Layout drawing number 1348/ 01 and 21.



ADOPTABLE FOUL SEWER: FL3-FL16-EXISTING

SCALE: HORZ:1-500, VERT: 1-100



ADOPTABLE FOUL SEWER2:

FL17-FL18-EXISTING

FL1-EXISTING

FL2-EXISTING

GENERAL NOTES

STRENGTH & TYPE: ADOPTABLE SEWERS

WATER AUTHORITY: MAIN SEWERS AND LATERALS

1. Sewers for adoption of nominal diameter 300mm or less shall be UPVC TO B.S 4660 and Sewers for Adoption cl. 4.2.21 OR Flexibly jointed spigot and socket Vitrified clay (VC) pipes in accordance with BS EN 295 : 1991. Minimum Class 120,

2. uPVC pipes to be: laid in maximum 3m lengths in accordance with Water Industry Specification cl. 4-35-01 laid by a contractor with British Pipe Group certificate of approval.

3. Sewers for adoption of nominal diameter 375mm or more shall be flexibly jointed Class M concrete pipes in accordance with BS 5911: Part 100 manufactured with Ordinary Portland Cement. OR Thermoplastic Structured Wall Plastic Pipes to Sewers for Adoption 7th and BSEN 13476

PENDING HIGHWAYS and WELSH WATER APPROVAL PRELIMINARY

Rev	Description	Date	Drwn	Chkd
C	F17/F18 AMENDED	31-07-17	AK	AK
B	EXTRA FOUL SECTIONS	19-07-17	AK	AK
A	FOUL CONNECTIONS AND END OF SECTION AMENDED	07-07-17	AK	AK

KANE DESIGN

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Client

SG ESTATES

Project

PROPOSED DEVELOPMENT at
PONT ADAM, RUABON, WREXHAM LL14 6EG

Title

FOUL SEWER SECTIONS, AND SCHEDULES

DRAWING NUMBER	SCALE	AS NOTED	@ A1
	DATE	13:06.17	REVISION
	DRAWN	AK	C
	CHECKED	AK	