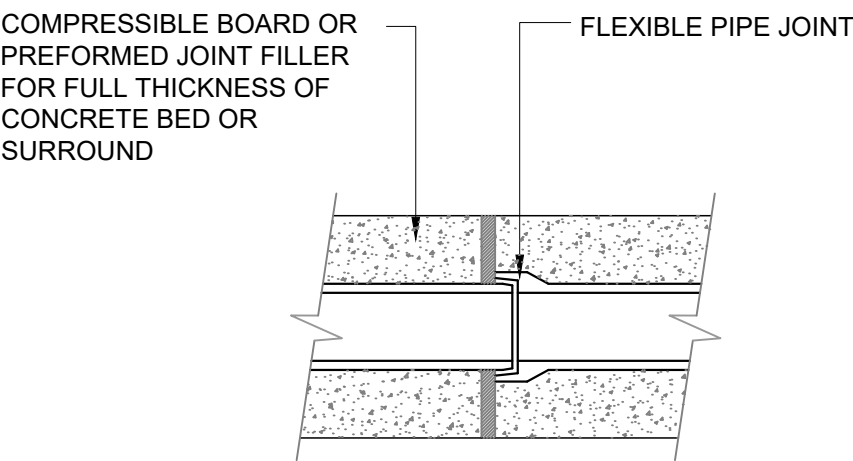
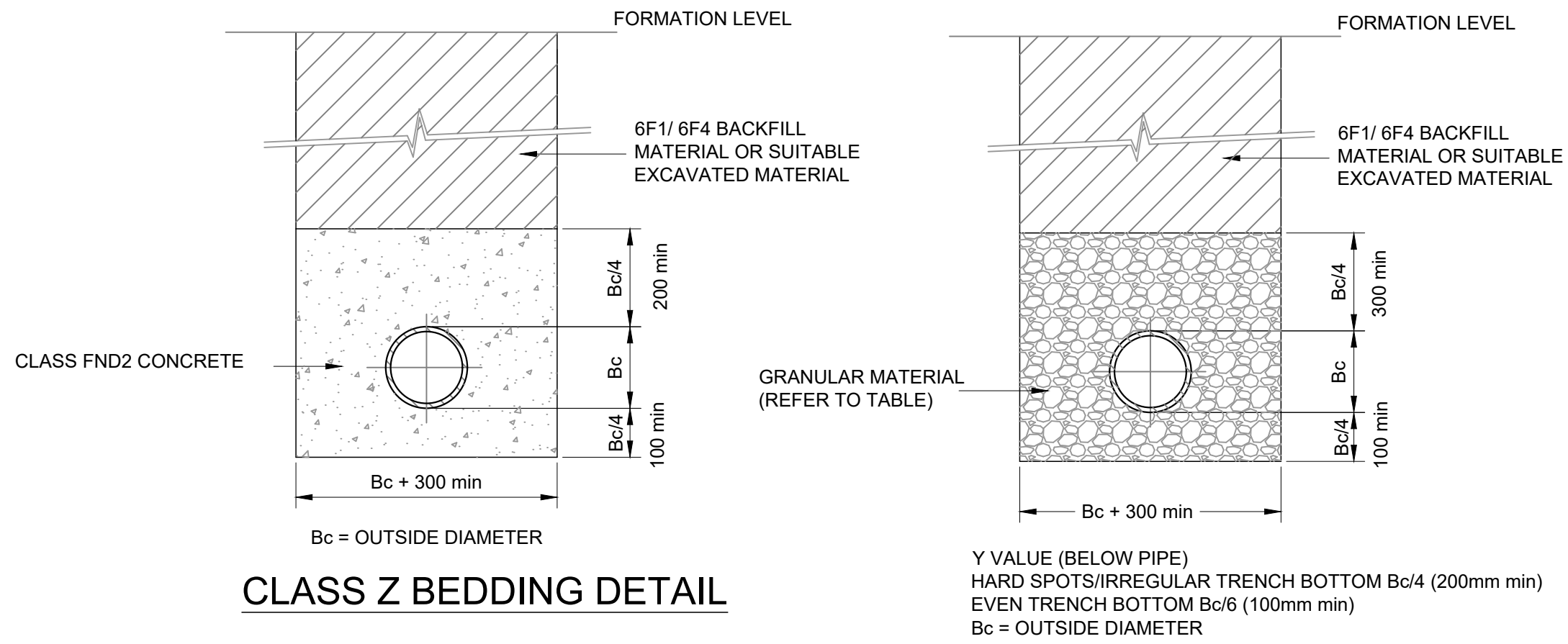




JOINTS FOR CONCRETE SURROUND TO PIPES
(TO OCCUR AT EACH PIPE JOINT)

Pipe Ø	Joint thickness
< 450	18mm
450-1200	36mm
1200 >	54mm

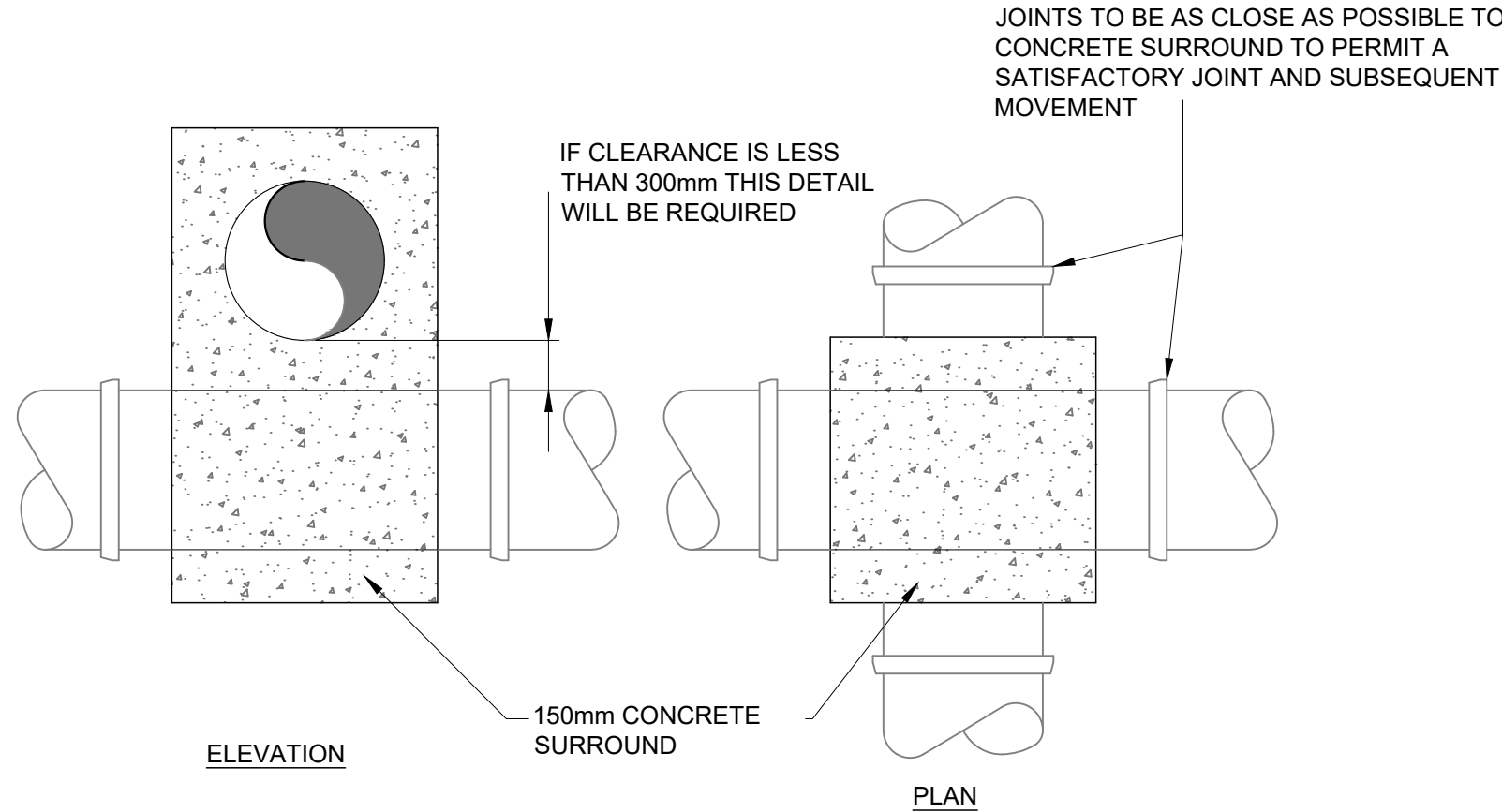
COMPRESSIBLE FILLER TABLE
(BITUMEN IMPREGNATED INSULATING BOARD TO BS 1142: PART 3)

TRENCH WIDTHS	
PIPE I.D	OVERALL TRENCH WIDTH
100	550
150	600
225	700
300	850
375	1050
450	1150
525	1200
600	1350
675	1450
750	1500
825	1600
900	1900
1050	2100
1200	2300
1350	2500
1500	2700
1800	3100

BS EN 1610:1997 ANNEX B TABLE B.15 COARSE AGGREGATE - PIPE BEDDING							
SIEVE SIZE (mm)	PERCENTAGE BY MASS PASSING BS SIEVES FOR NOMINAL SIZES				SINGLE-SIZED AGGREGATE (mm)		
	GRADED AGGREGATE (mm)						
	40 to 5	20 to 5	14 to 5	40	20	14	10
50.0	100	-----	-----	100	-----	-----	-----
37.5	90 - 100	100	-----	85 - 100	100	-----	-----
20.0	35 - 70	90 - 100	100	0 - 25	85 - 100	100	-----
14.0	-----	-----	90 - 100	-----	-----	85 - 100	100
10.0	10 - 40	30 - 60	50 - 85	0 - 5	0 - 25	0 - 50	85 - 100
5.0	0 - 5	0 - 10	0 - 10	-----	0 - 5	0 - 10	0 - 25
2.36	-----	-----	-----	-----	-----	-----	0 - 5

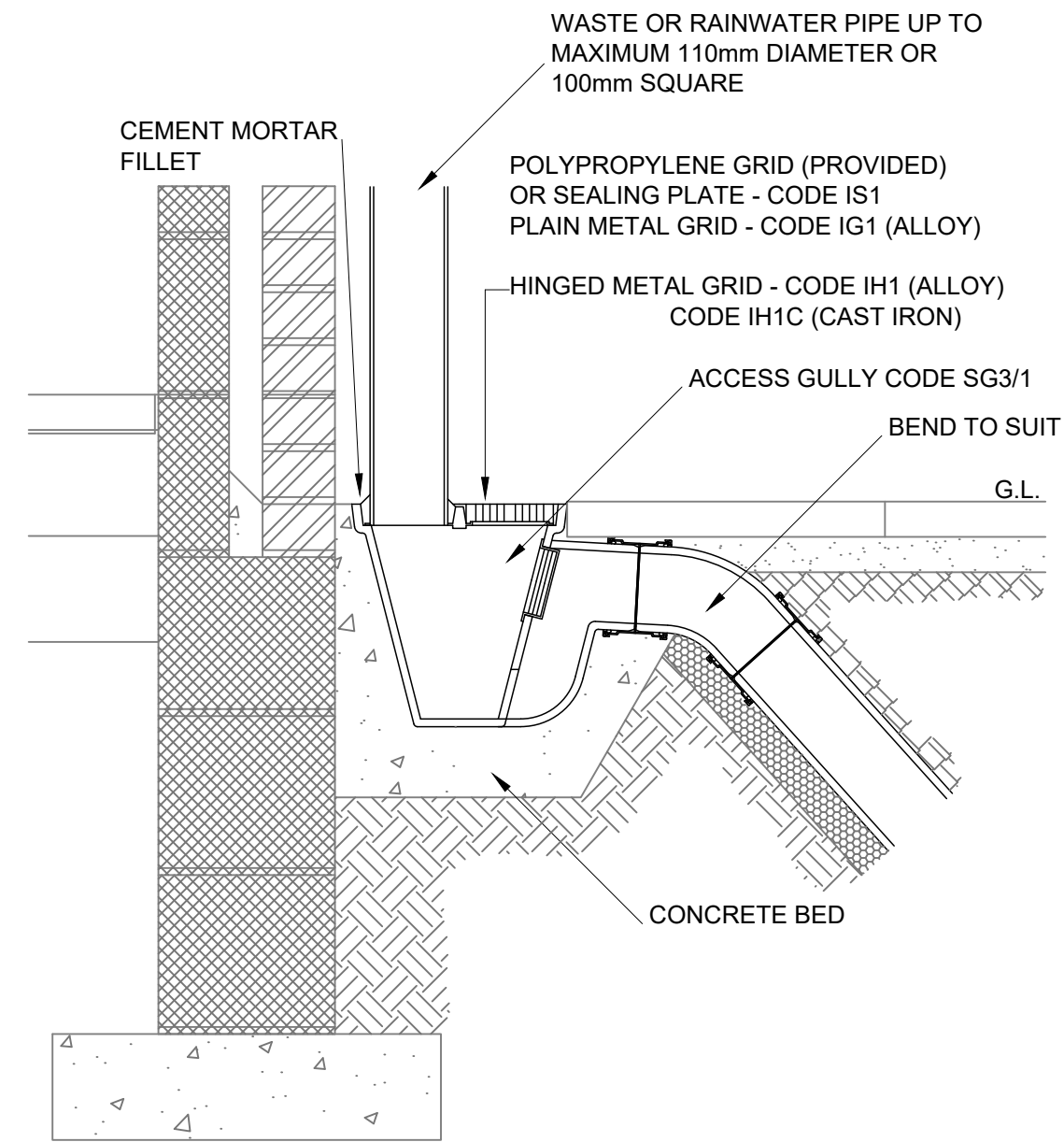
RIGID PIPES BEDDING GRADING
BASED ON BS EN 1610 : 1997 TABLE B.15
FOR RIGID PIPES THE BEDDING SHOULD BE SINGLE SIZE MATERIAL OR GRADED MATERIAL FROM 5mm UP TO A MAX SIZE OF 10mm FOR 100mm PIPES; 14mm FOR 150mm PIPES; 20mm FOR 225mm TO 600mm PIPES; 40mm FOR OVER 675mm PIPES

CHALK/LIMESTONE SHALL NOT BE USED AS BEDDING MATERIAL IN GROUND WHERE THE Ph <7

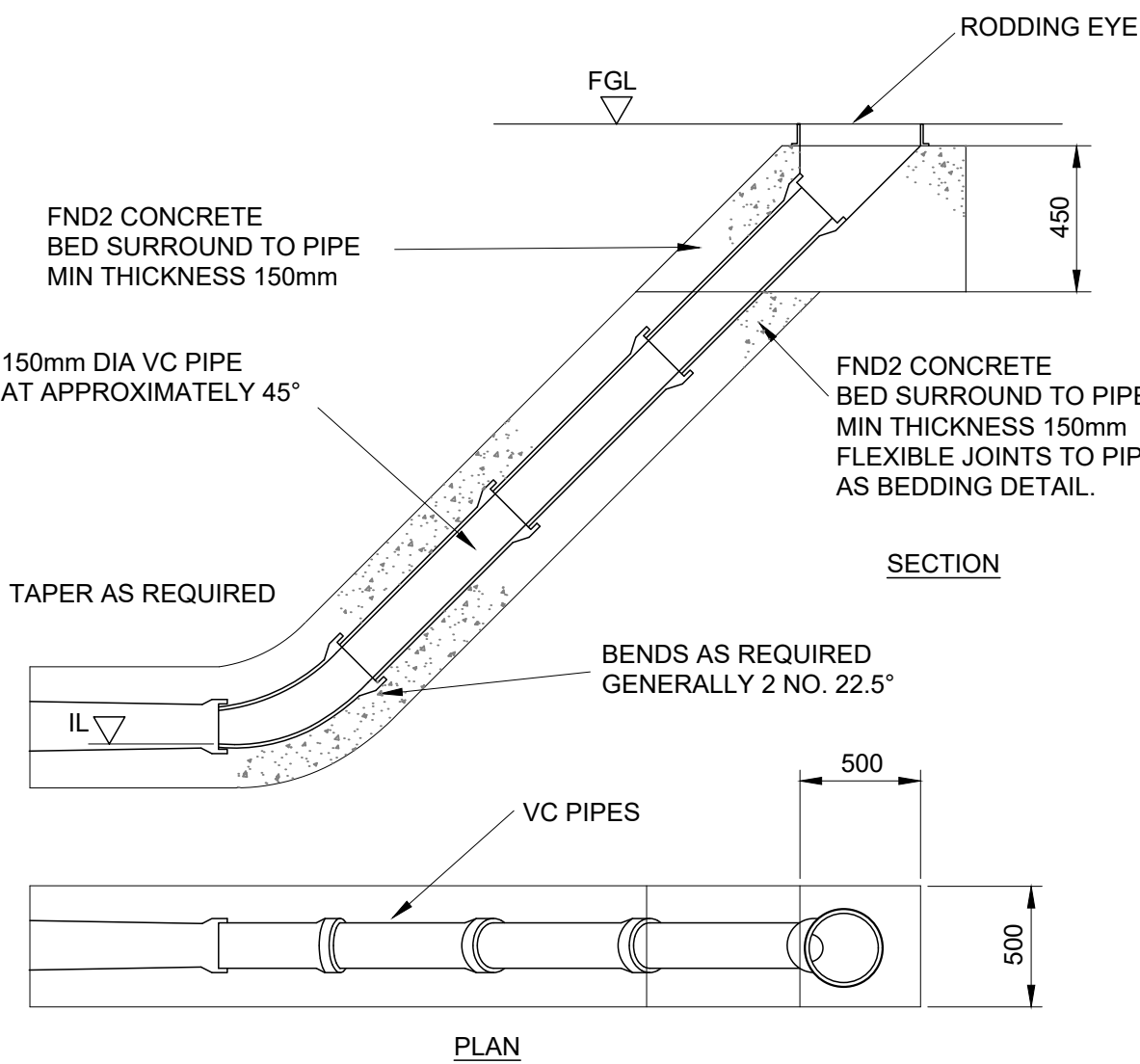


SPECIAL PIPE CROSSOVER DETAIL

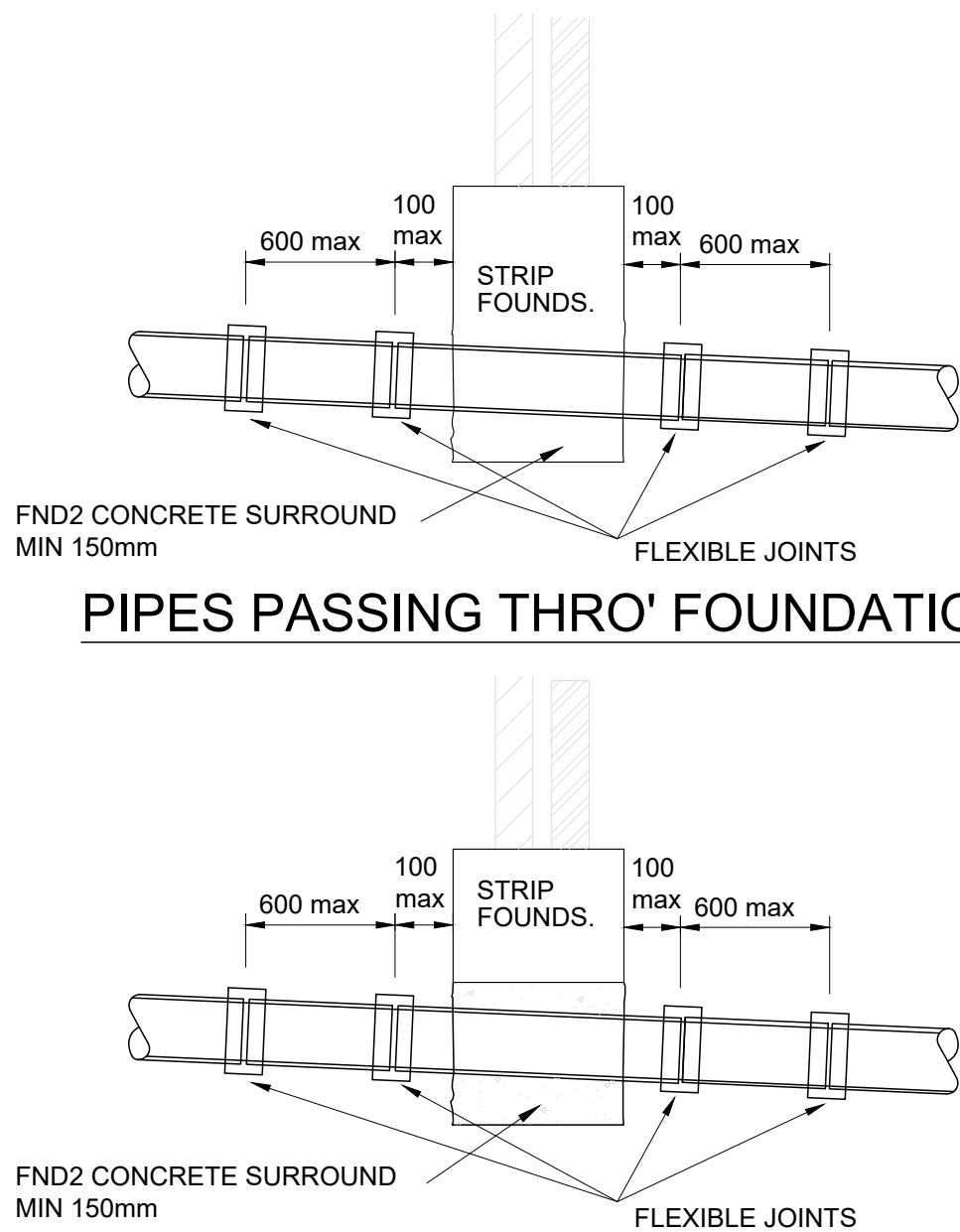
REQUIRED IF CLEARANCE BETWEEN PIPES CROSSING EACH OTHER IS LESS THAN 300mm



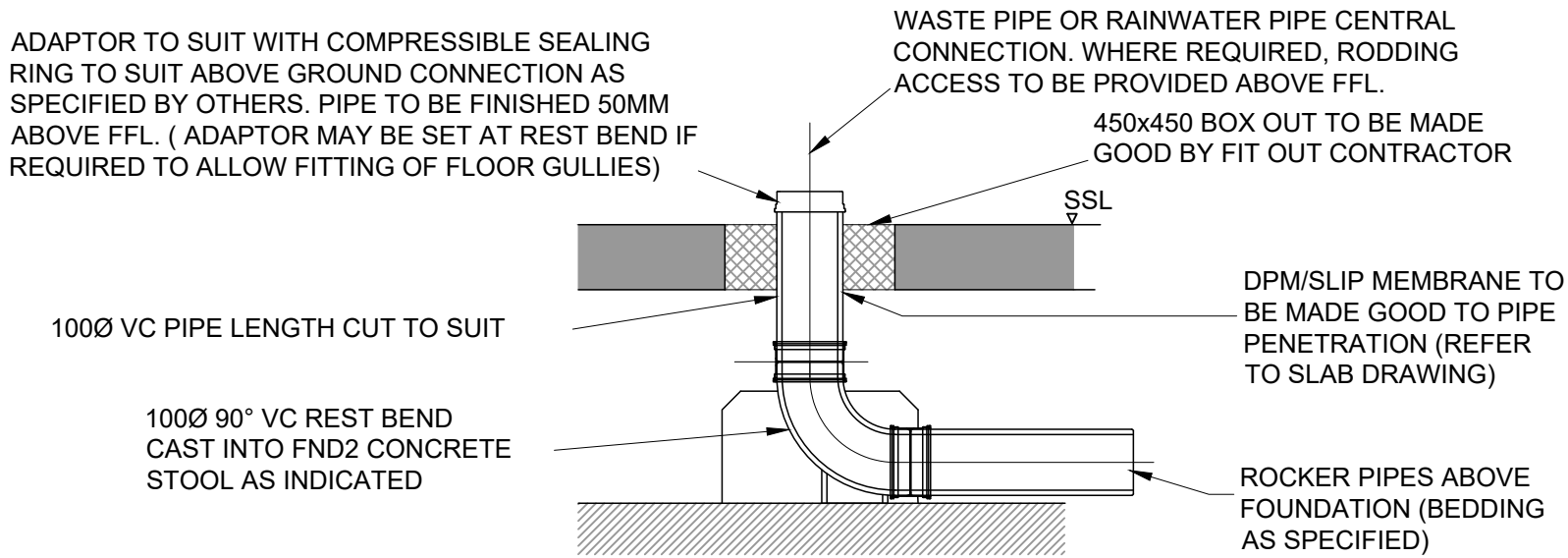
ACCESS GULLY CONNECTION DETAIL



RODDING EYE



PIPES UNDER FOUNDATIONS



100Ø BELOW GROUND PIPE CONNECTION

NOTE: 100Ø 90° VC REST BEND INVERT LEVELS AS SPECIFIED.
BRANCH CONNECTIONS OFF FOUNDATIONS MAY BE SET DEEPER TO ALLOW FOR CONNECTION TO MAIN DRAIN RUN. - ALTERNATIVELY, THE 100Ø 90° VC REST BEND MAY BE REPLACED BY 45°/30°/15° BENDS TO ALLOW FOR STEEP BRANCH CONNECTIONS.

WORK IN PROGRESS (TENDER)

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S3 = Review / Comment S4 = Approval D1 = Costing D2 = Tender
D3 = Contractor Design D4 = Construction FC = Final Construction

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NO ABNORMAL RESIDUAL RISKS.

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T1	TENDER ISSUE	AMT	06.10.23	MD
Rev	Description	By	Date	Chk'd

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ABBAYWAY COMMERCIAL LTD

Project
NEWALL GREEN FARM

Drawing
TYPICAL DRAINAGE DETAILS SHEET 1

Purpose of Issue		TENDER		S1	
Project No.	Scale @ A1	Date	Drawn	Checked	
13839	NTS	Oct' 23	AMT	MD	
Drawing Identifier	project	origin	zone	level	file type
NGF-MaG-ZZ-FN-DR-C-0201					