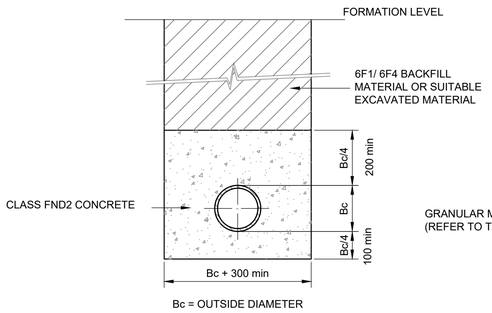
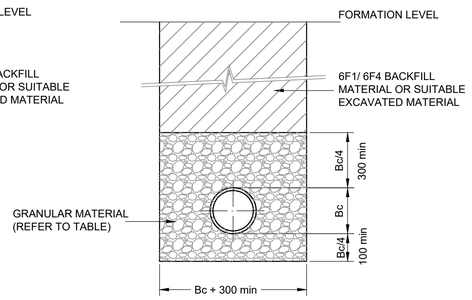
A1



Bc = OUTSIDE DIAMETER

CLASS Z BEDDING DETAIL

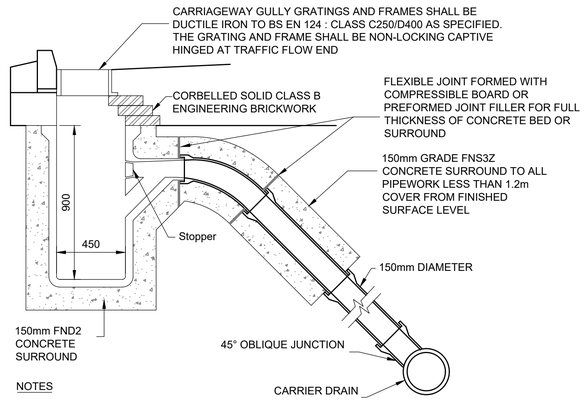


Y VALUE (BELOW PIPE)
HARD SPOTS/IRREGULAR TRENCH BOTTOM Bc/4 (200mm min)
EVEN TRENCH BOTTOM Bc/6 (100mm min)

Bc = OUTSIDE DIAMETER

CLASS S BEDDING DETAIL

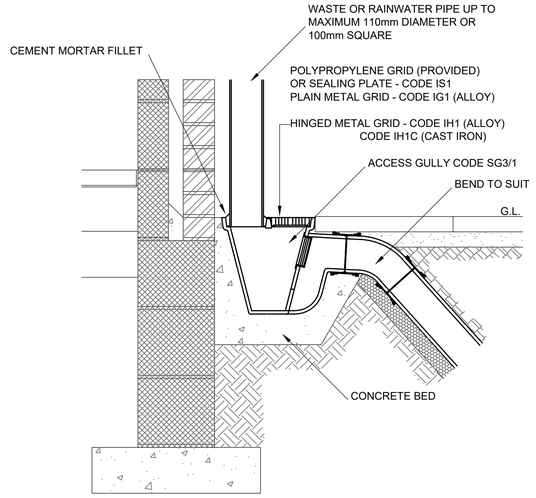
NB:- WHERE DRAINAGE IS IN CLOSE PROXIMITY TO EXISTING OR PROPOSED LANDSCAPE PLANTING, THE GRANULAR BED AND SURROUND SHALL BE WRAPPED WITH A DOUBLE THICKNESS OF LOTRAK 1800 OR SIMILAR APPROVED.



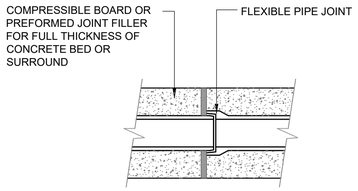
NOTES

1. GULLY POT TO BE 95 LITRES MIN CAPACITY
2. MAXIMUM TRENCH WIDTH FOR 150mm GULLY LEAD IS 600mm NUMBER OF BENDS MAY VARY DUE TO SITE DIFFERENCES.
3. CONCRETE SURROUND TO PIPES SHALL ALWAYS FINISH AT A JOINT

GULLY DETAIL WITH CONNECTION TO CARRIER DRAIN



ACCESS GULLY CONNECTION DETAIL



JOINTS FOR CONCRETE SURROUND TO PIPES

(TO OCCUR AT EACH PIPE JOINT)

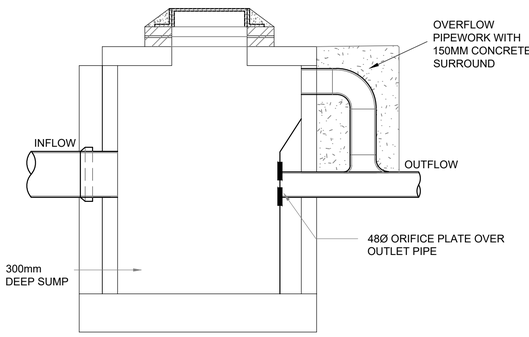
Pipe Ø	Joint thickness
< 450	18mm
450-1200	36mm
1200 >	54mm

COMPRESSIBLE FILLER TABLE

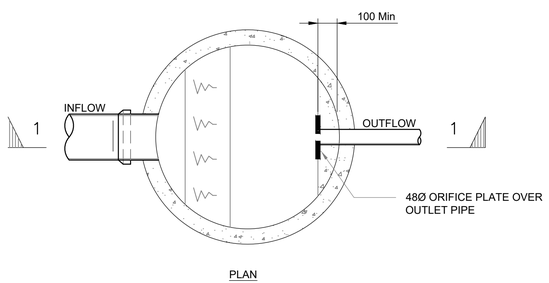
(BITUMEN IMPREGNATED INSULATING BOARD TO BS 1142: PART 3)

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

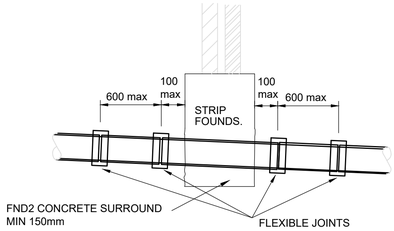


SECTION 1-1

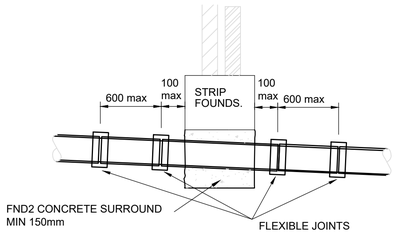


PLAN

ORIFICE PLATE FLOW CONTROL CHAMBER



PIPES PASSING THRO' FOUNDATIONS



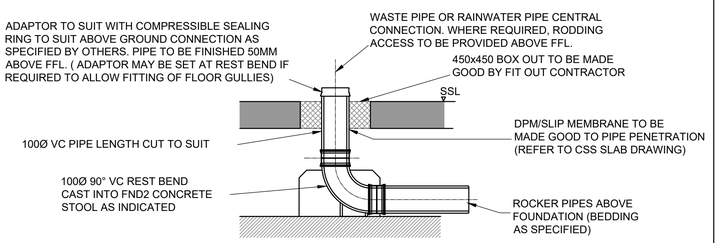
PIPES UNDER FOUNDATIONS

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						
	GRADED AGGREGATE (mm)			SINGLE-SIZED 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



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.

NOTES

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Rev	Description	By	Date	Chk'd
P1	PRELIMINARY ISSUE	PG	16.10.23	DG

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Client
SEVA PATIDAR LIMITED

Project
PROPOSED CONVEINIENCE STORE
GREENBROW ROAD, NEWALL GREEN

Drawing
DRAINAGE DETAILS

Purpose of Issue	Status
FOR INFORMATION	

Scale @ A1	Date	Drawn	Checked
NTS	16.06.22	PG	DG

Project No.	Drawing No.	Revision
12860	101	P1