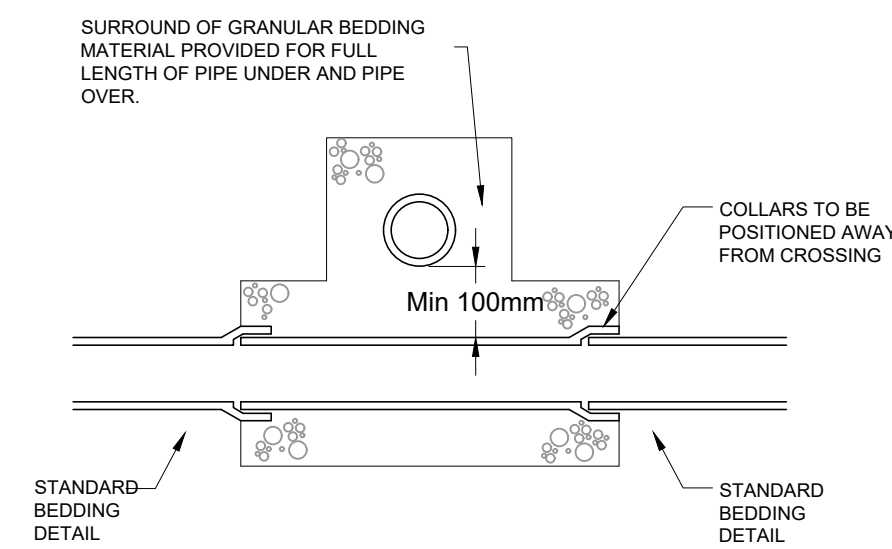
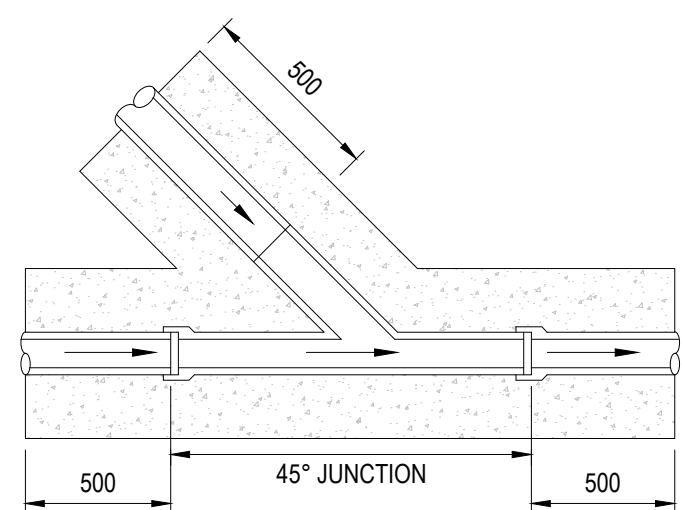
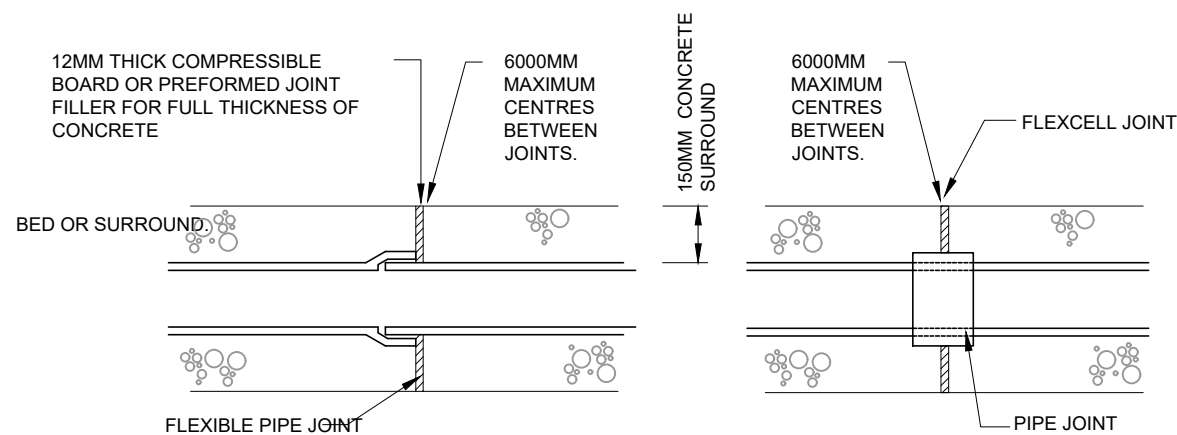




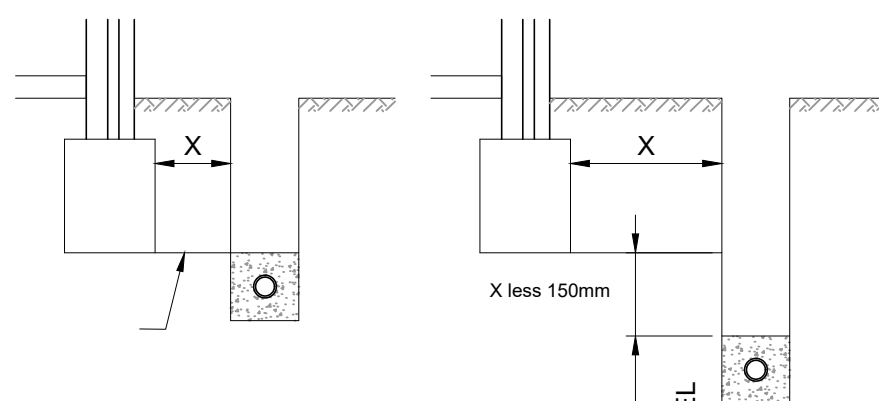
PIPE CROSSINGS DETAIL



TYPICAL SADDLE CONNECTION



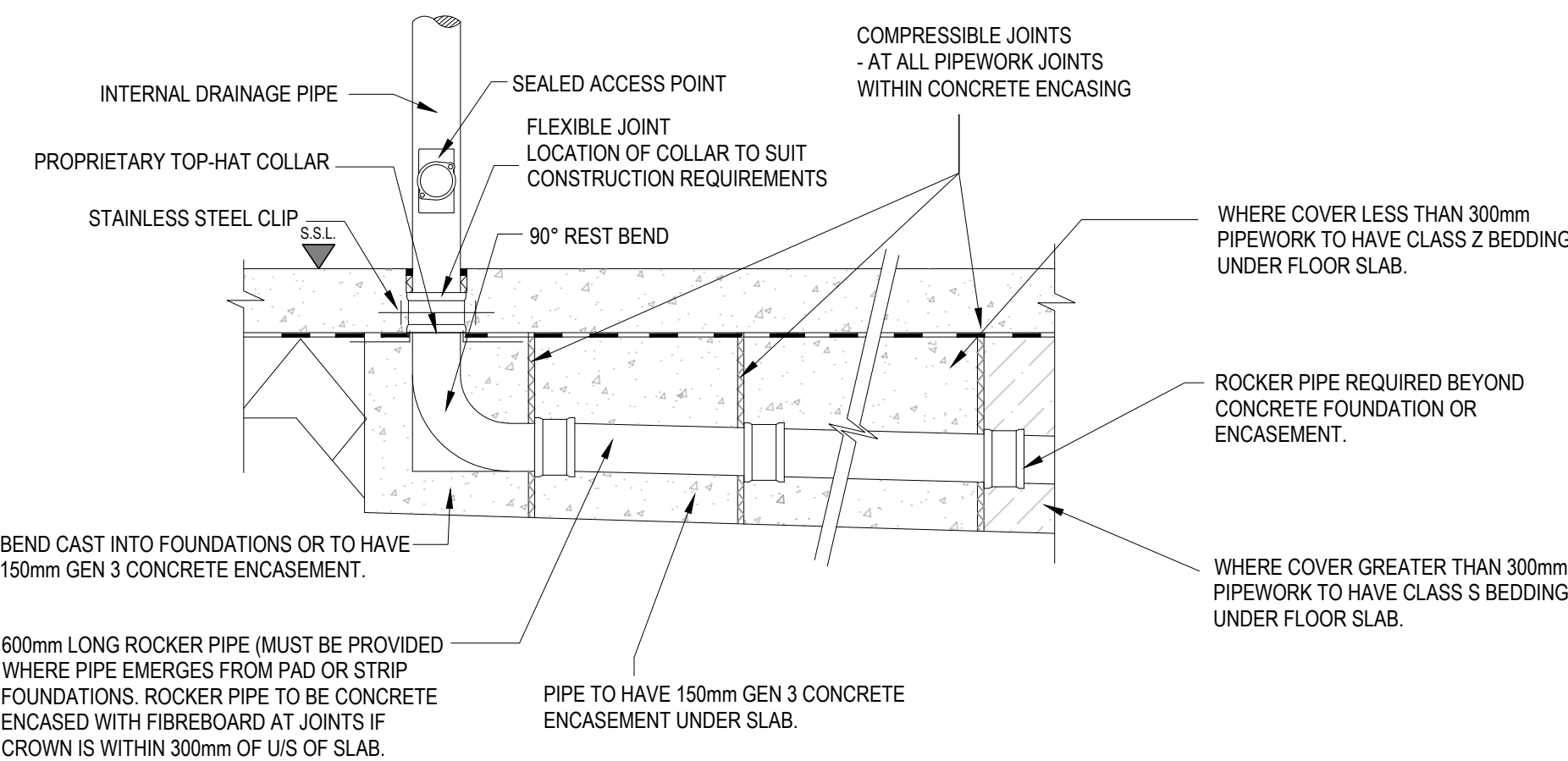
EXPANSION JOINT FOR CONCRETE BED AND SURROUND



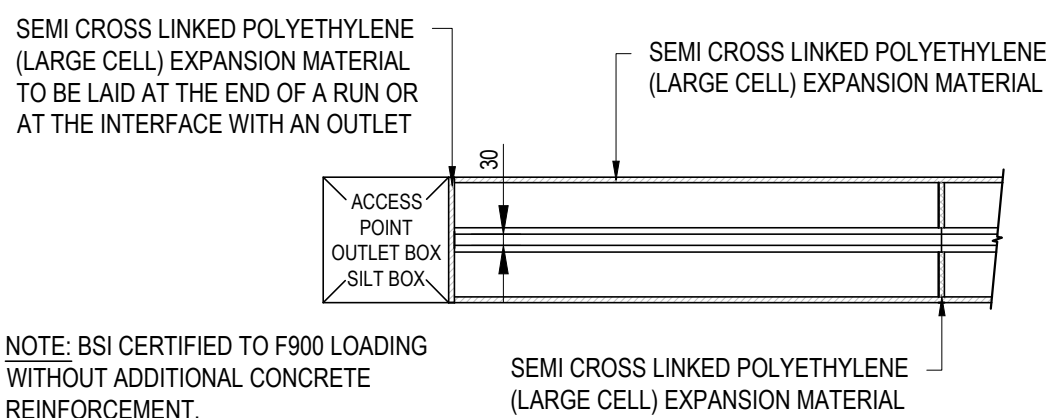
WHERE X IS LESS THAN 1 METRE CONCRETE FILL TRENCH TO THIS LEVEL

TYPICAL DETAILS WHERE DRAINAGE TRENCH IS DEEPER THAN FOUNDATIONS

WHERE X IS 1 METRE OR MORE CONCRETE FILL TRENCH TO THIS LEVEL



DRAINAGE UNDER BUILDINGS



NOTE: BSI CERTIFIED TO F900 LOADING WITHOUT ADDITIONAL CONCRETE REINFORCEMENT.

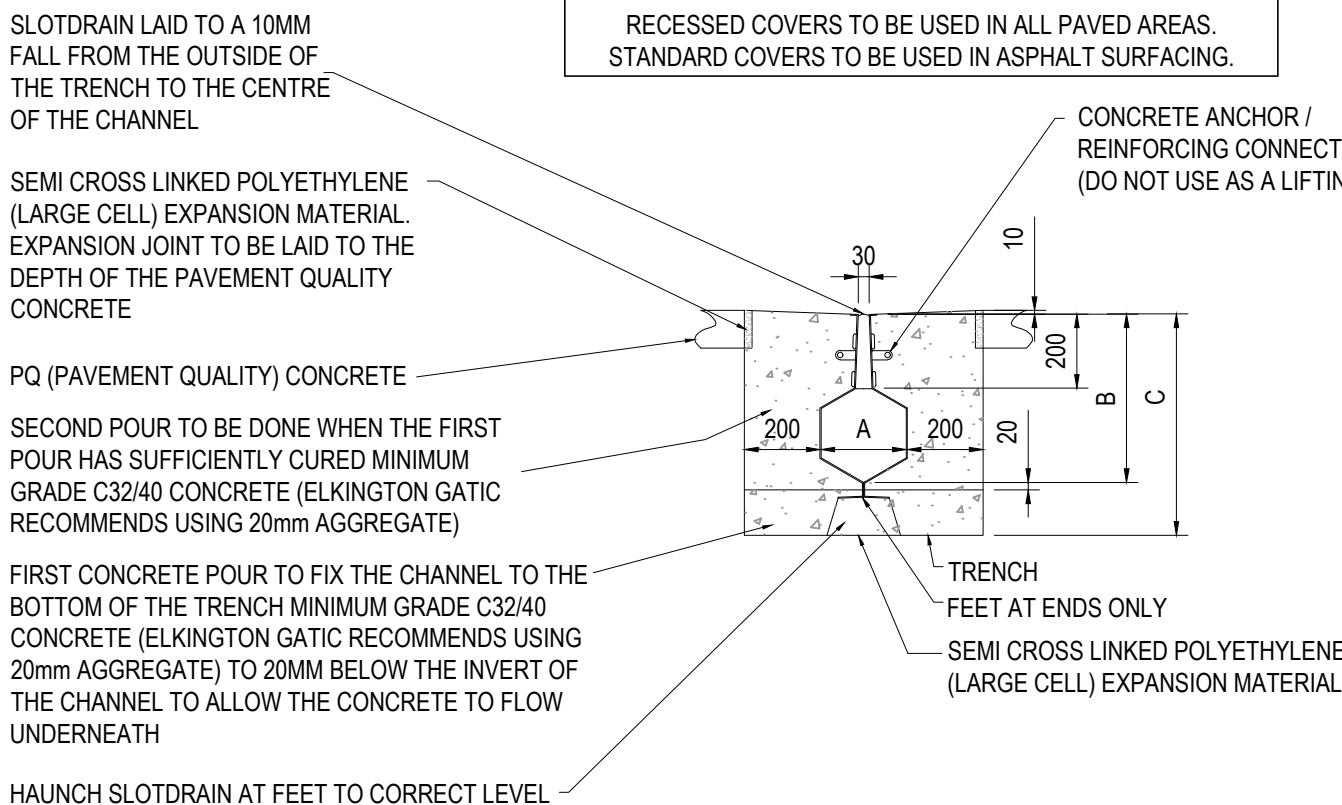
GATIC PLAN DETAIL

WIDTH 'A'	INVERT 'B'	DEPTH 'C'
150	366	415
225	452	501

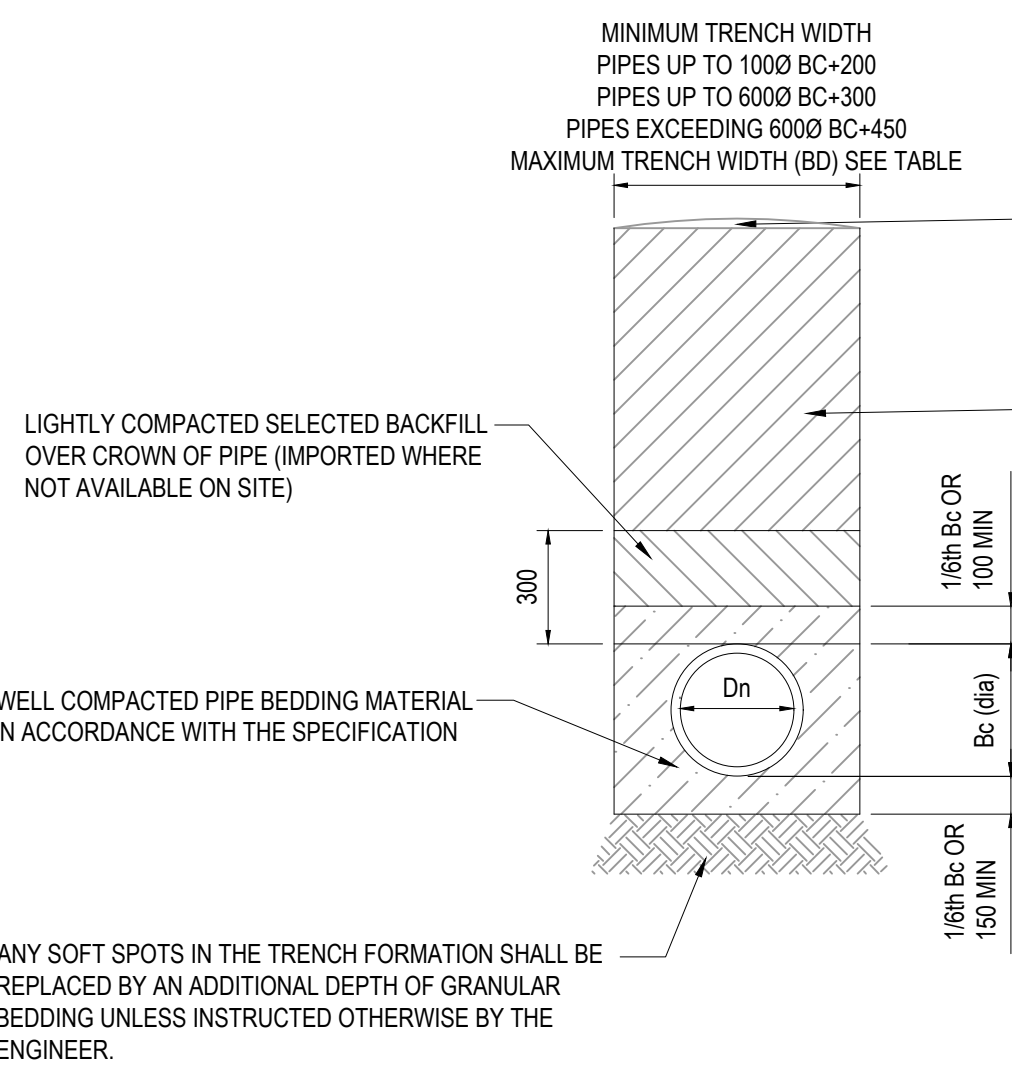
FOR CHANNEL SIZES & LOADING CLASSES REFER TO L014-CUR-52-01 ZZ-D-C-52001 TO 520003

CHANNEL SIZES HAVE BEEN SPECIFIED VIA GATIC ONLINE DESIGN TOOL - FINAL SIZES TO BE CONFIRMED BY THE MANUFACTURER

RECESSED COVERS TO BE USED IN ALL PAVED AREAS. STANDARD COVERS TO BE USED IN ASPHALT SURFACING.



GATIC SLOT DRAIN CASTSLOT TREADSAFE CONCRETE INSTALLATION



CLASS S - 360° GRANULAR SURROUND PIPE BEDDING DETAIL

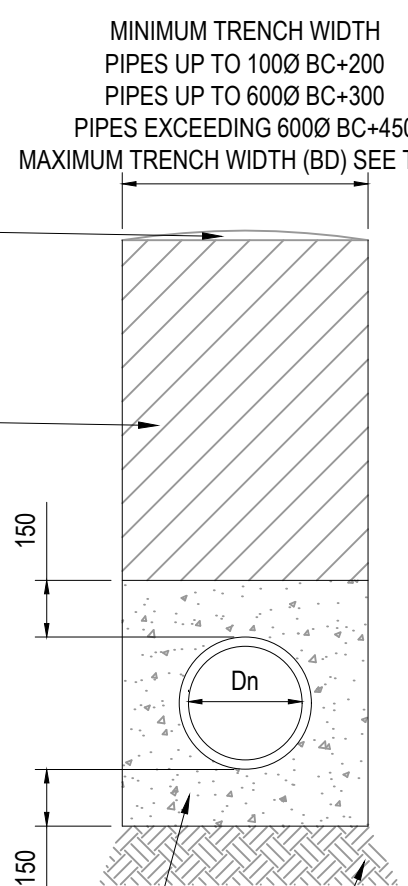
SOFT LANDSCAPE AREAS IN SOFT LANDSCAPING AREAS TRENCH FILL ABOVE PIPES IS TO BE MOUND TO A MAXIMUM DEPTH OF 50MM TO ALLOW FOR FUTURE SETTLEMENT.

HARDSTANDING AREAS SHW TYPE 1 GRANULAR MATERIAL SOFT LANDSCAPE AREAS SELECTED BACKFILL MATERIAL UP TO UNDERSIDE OF TOP SOIL

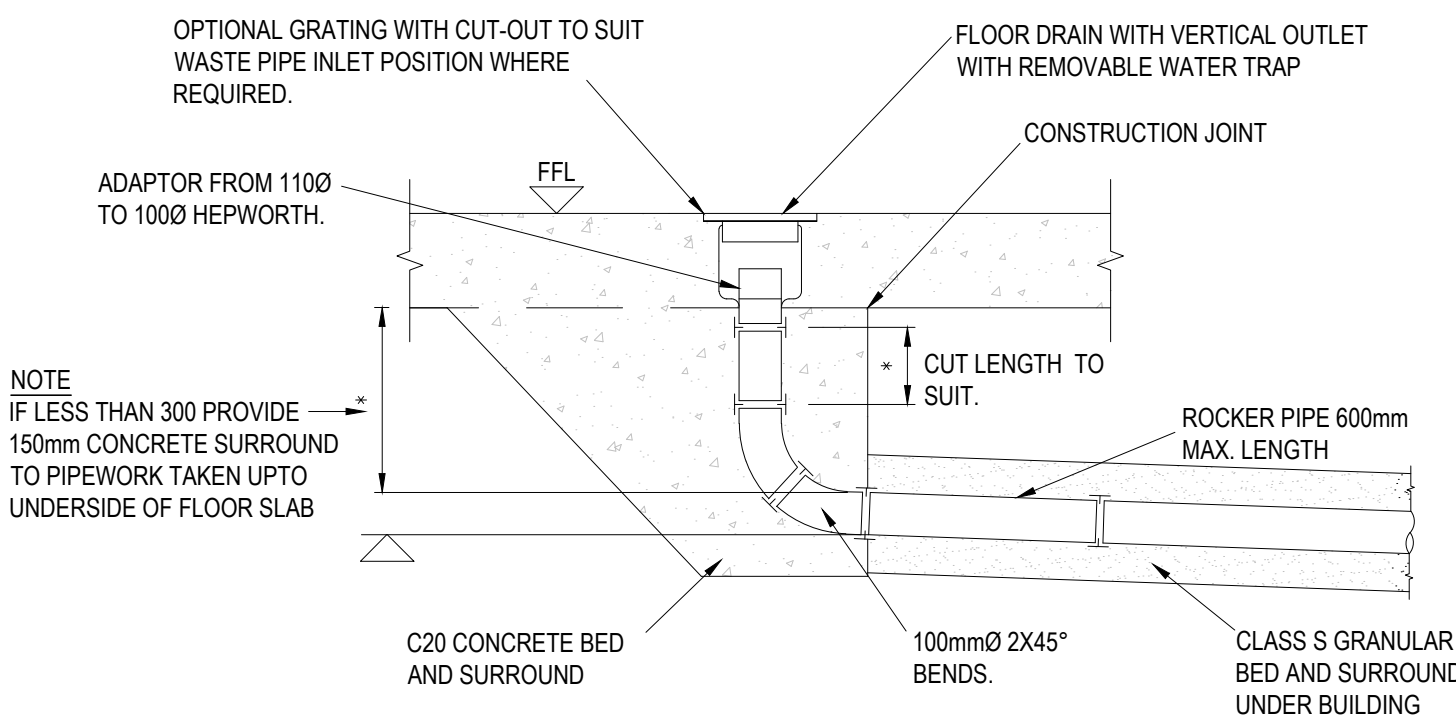
THE FLEXIBLE JOINTS IN THE PIPES SHALL BE MAINTAINED AT THE END OF EACH PIPE WITH COMPRESSIBLE SHEET CUT ACCURATELY TO FIT THE PIPE PROFILE TO BREAK THE CONCRETE SURROUND

Dn	Bd
150	0.6
225	0.7
300	0.85
375	1.05
450	1.15
525	1.25
600	1.35
675	1.45
750	1.50

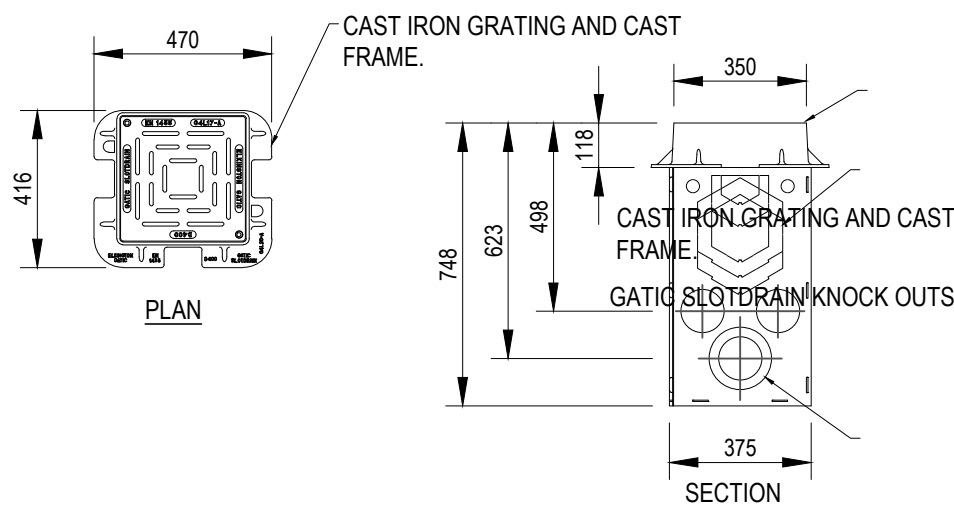
MAXIMUM TRENCH WIDTH



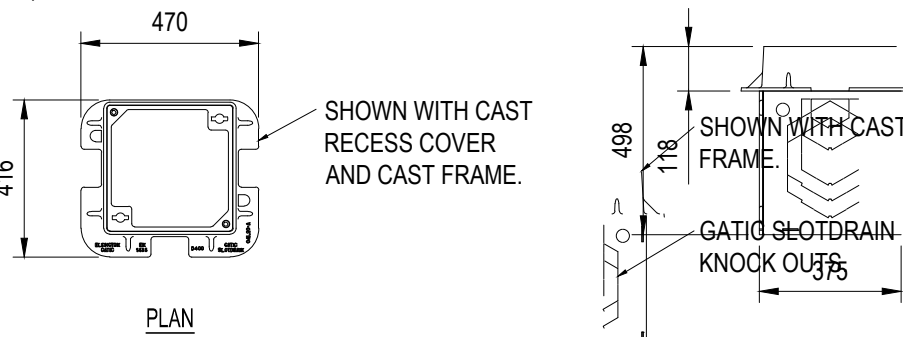
CLASS Z - CONCRETE BED AND (SURROUND PIPE BEDDING DETAIL)
COVER < 900mm IN VEHICULAR LOADING AND OPEN FIELD.
COVER < 600mm ELSEWHERE EXCEPT UNDER BUILDINGS.



INTERNAL FLOOR DRAIN



GATIC SLOT DRAIN 350mm OUTLET UNIT SECTION AND PLAN DETAILS



350 ACCESS BOX SECTION AND PLAN DETAILS

P02	ISSUED FOR PLANNING CONDITION DISCHARGE	16.12.22	ATL	CG
P01	ISSUED FOR STAGE 4	18.11.22	CS	CG
Rev:	Description:	Date:	By:	Chkd:
 Merchant Exchange, 17-19 Whitworth Street West, Manchester, M1 5WG 0161 235 2394 manchester@curtins.com www.curtins.com				

Status:	STAGE 4
Project:	CIRCLE SQUARE BUILDING 3
Orig Title:	PROPOSED DRAINAGE DETAILS SHEET 2

Size:	Date:	Drawn By:	Designed By:	Checked By:
A1	18.11.22	ATL	ATL	MW
Scale:	NTS			
Project No:	Originator:	Zone:	Level:	Type:
L014	CUR	52	-01.ZZ-	D - C - 520011 - P02