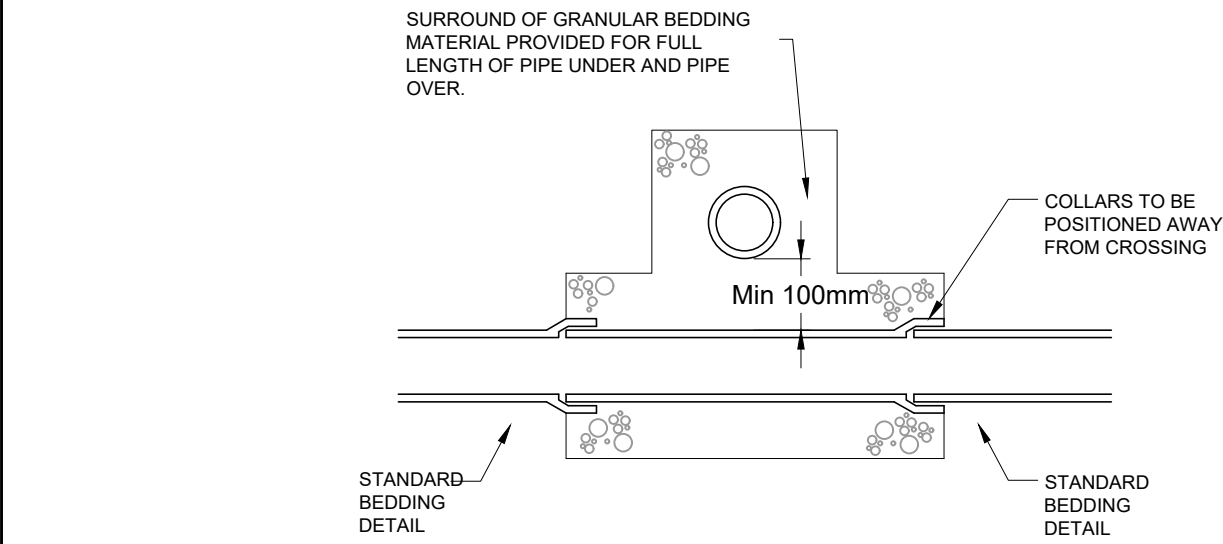
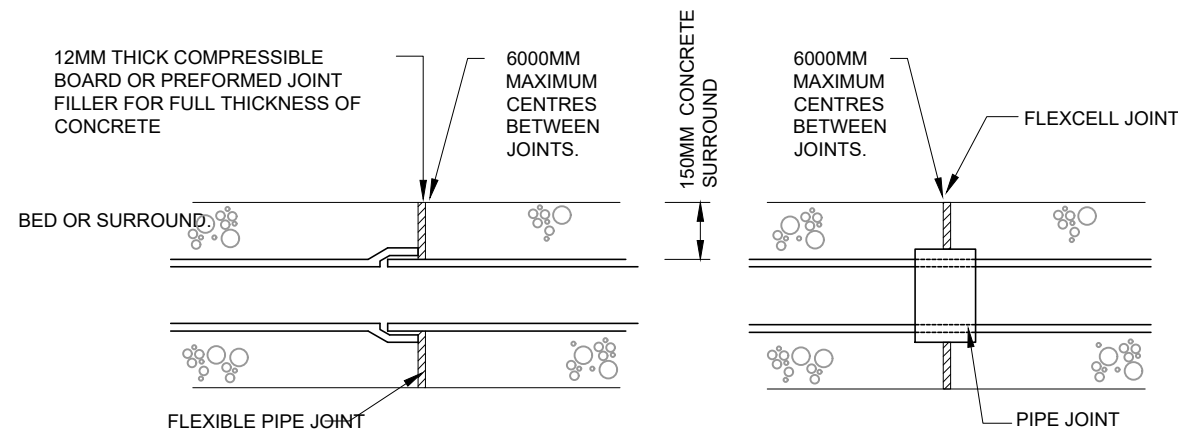
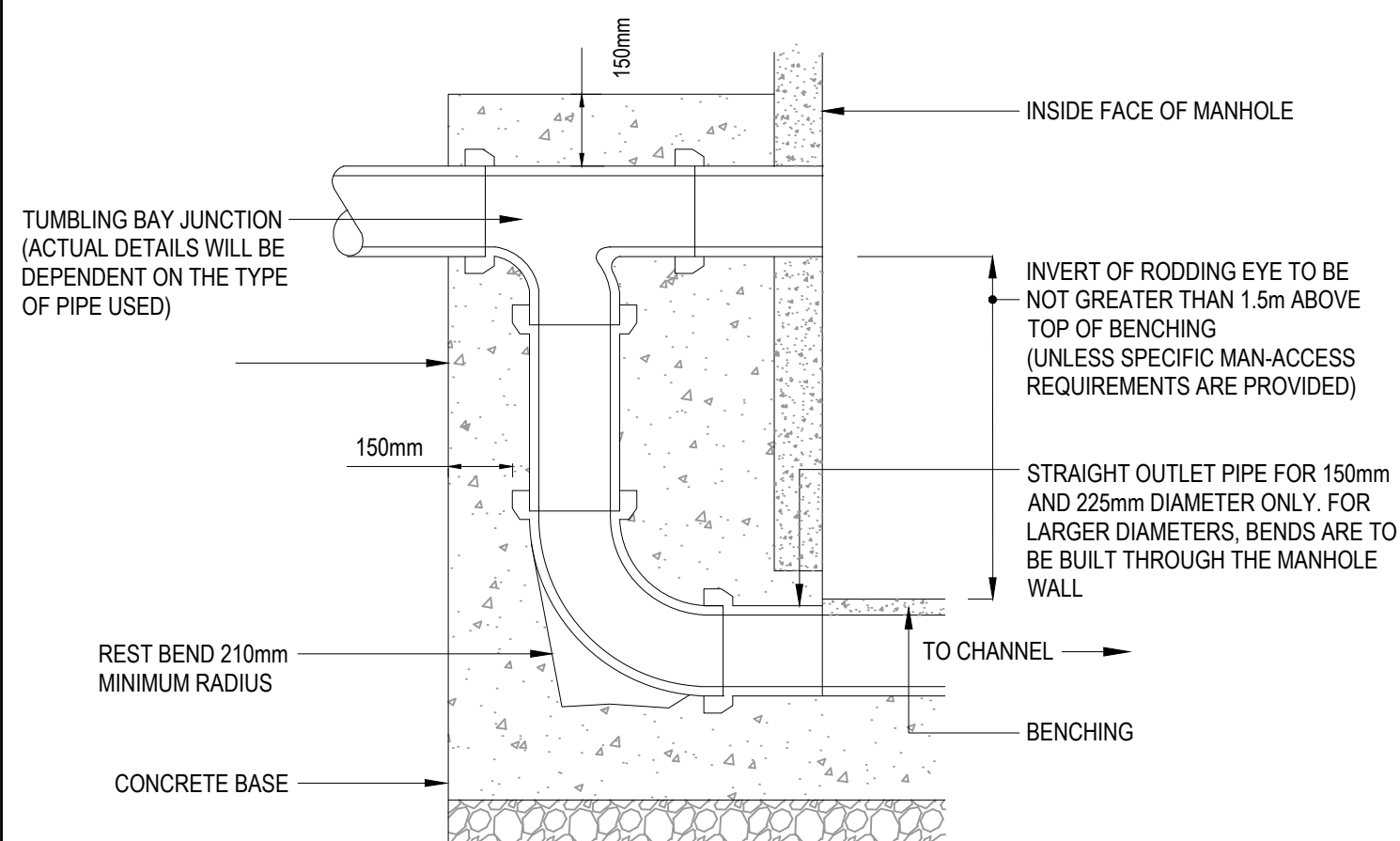




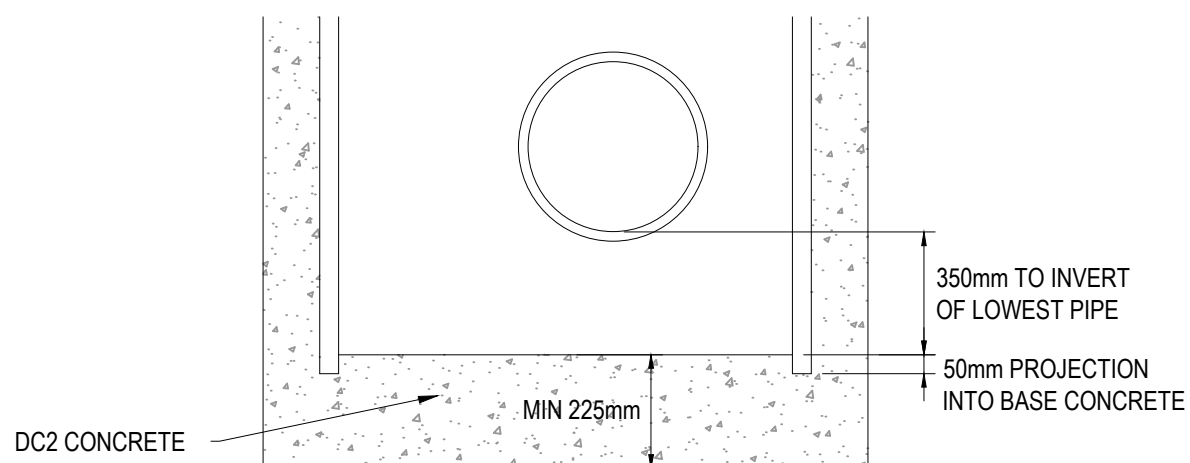
PIPE CROSSINGS DETAIL



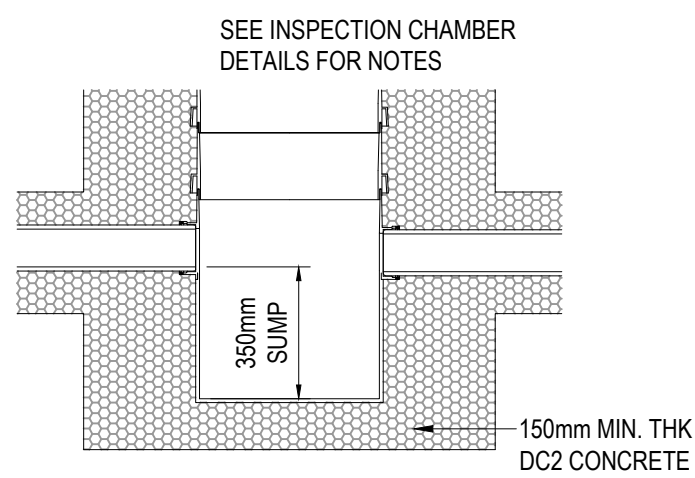
EXPANSION JOINT
FOR CONCRETE BED AND
SURROUND



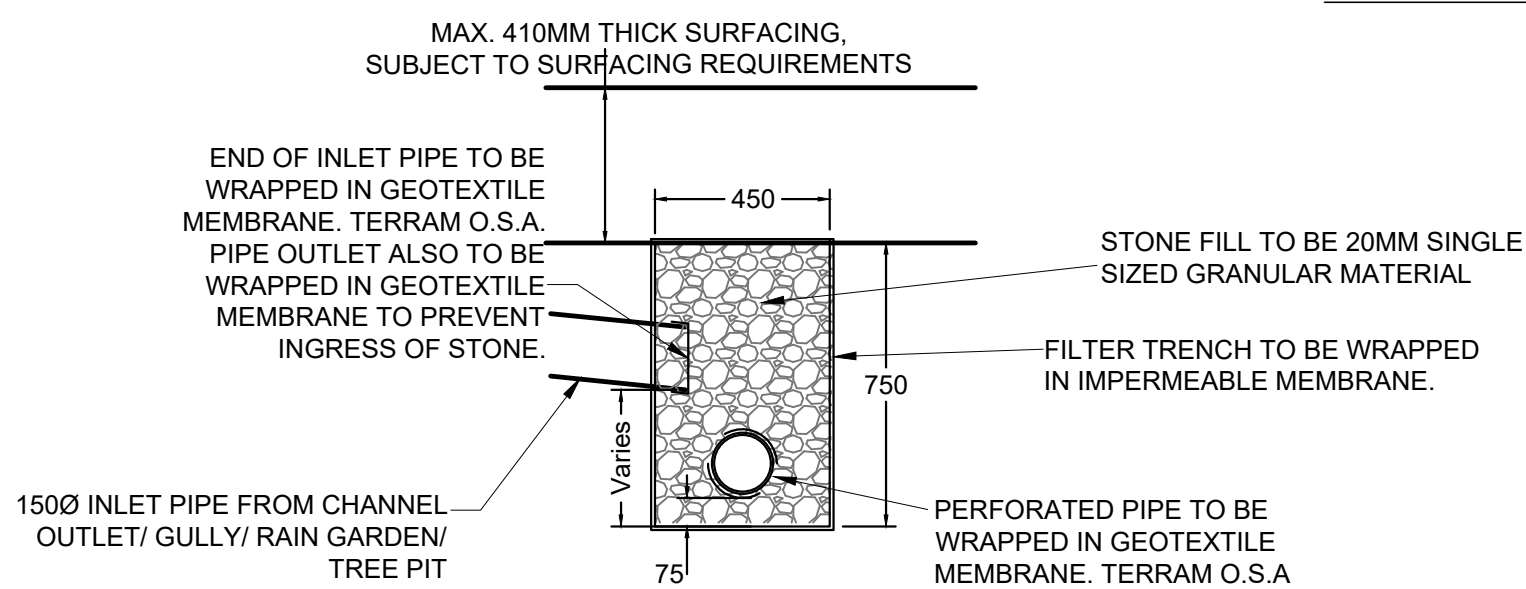
EXTERNAL VERTICAL BACKDROP



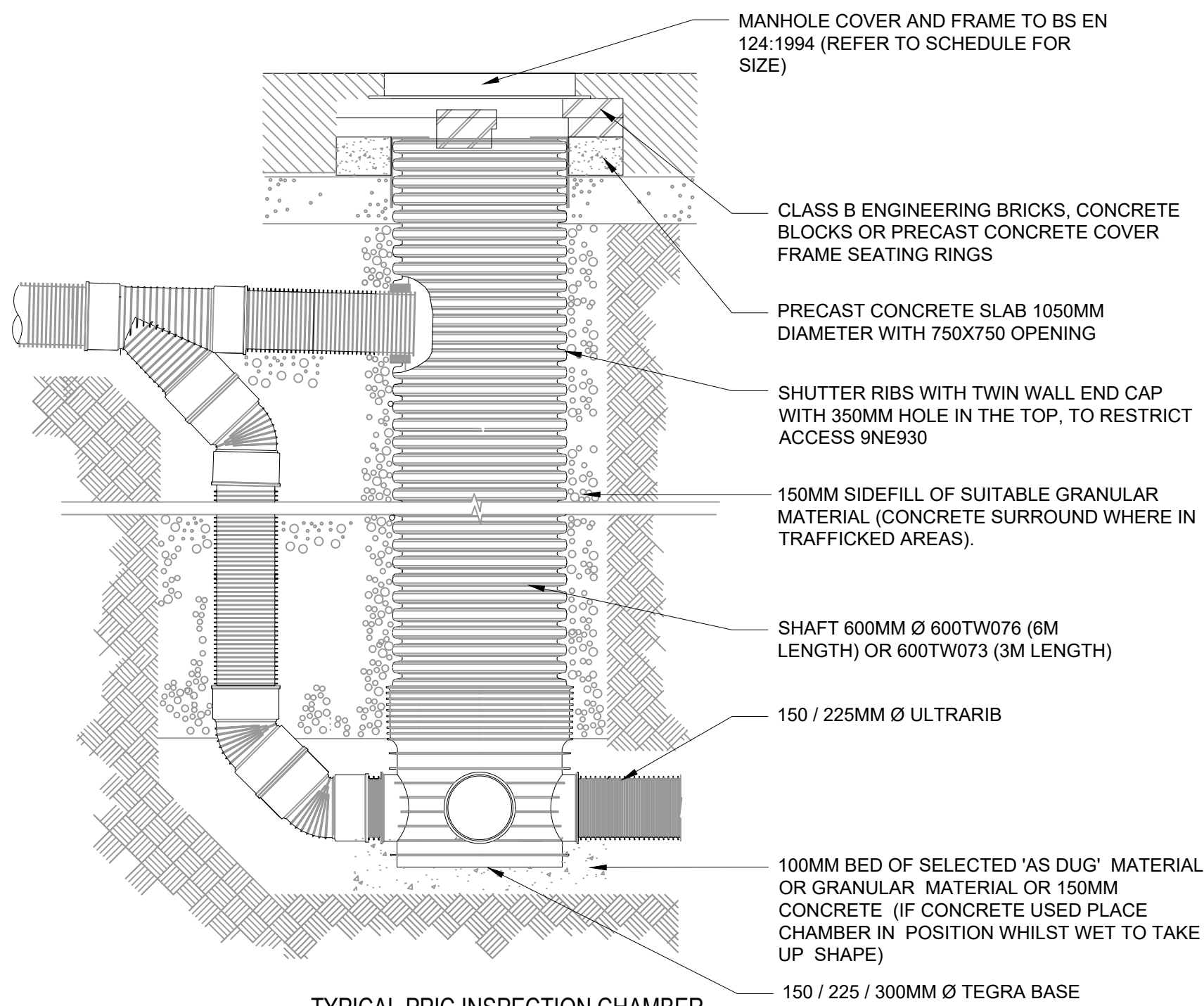
CATCH PIT DETAIL



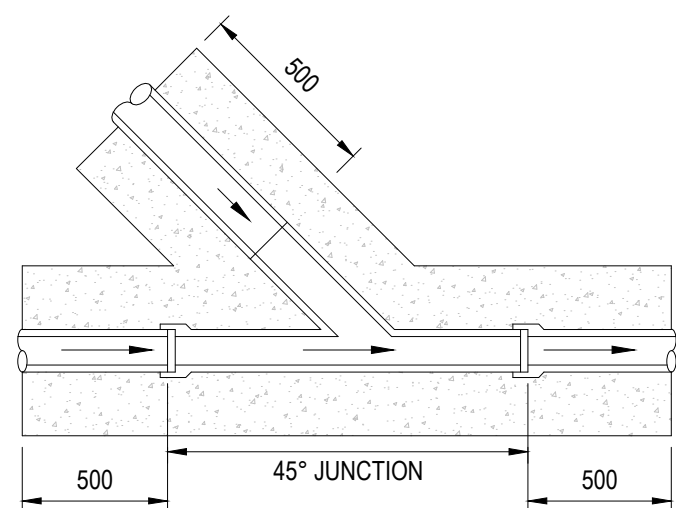
PPIC CATCHPIT BASE
DETAIL



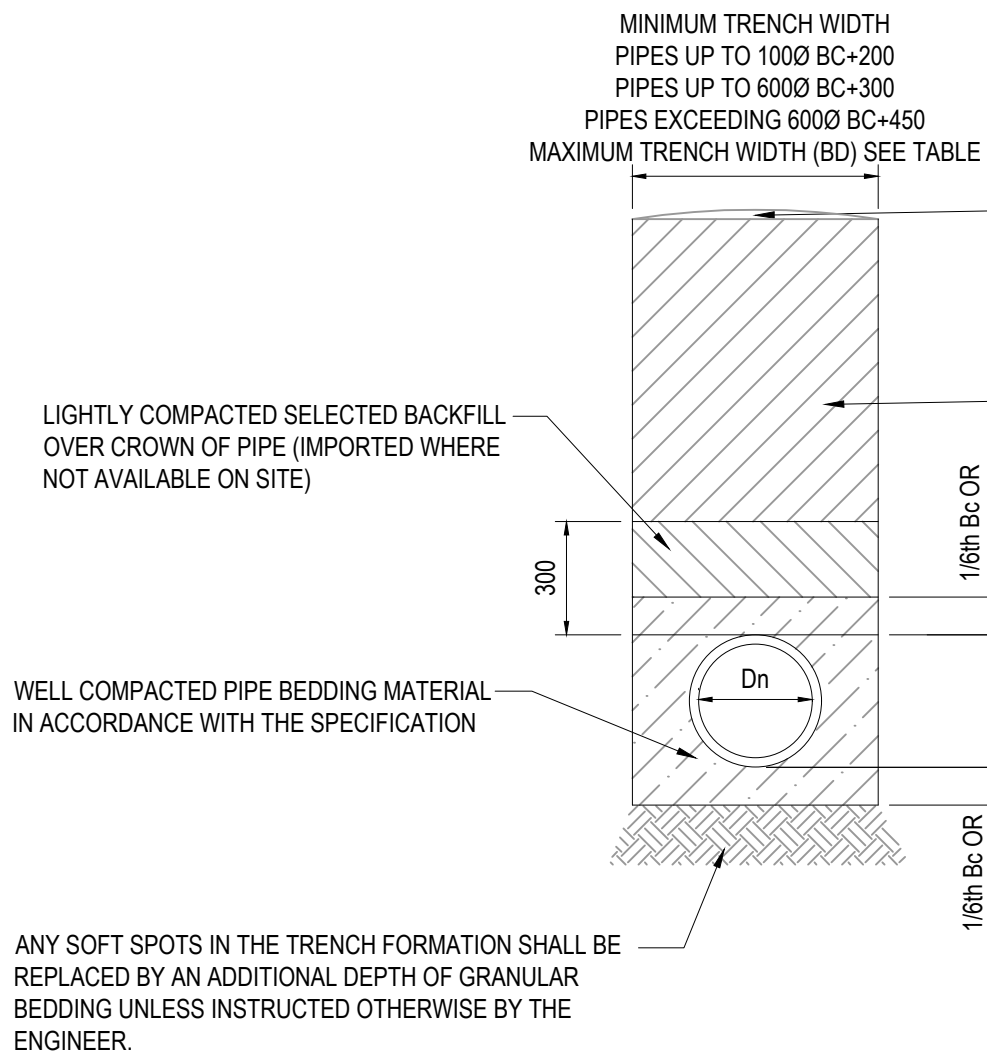
TYPICAL FILTER STRIP DETAIL
inc. INLET CONNECTION



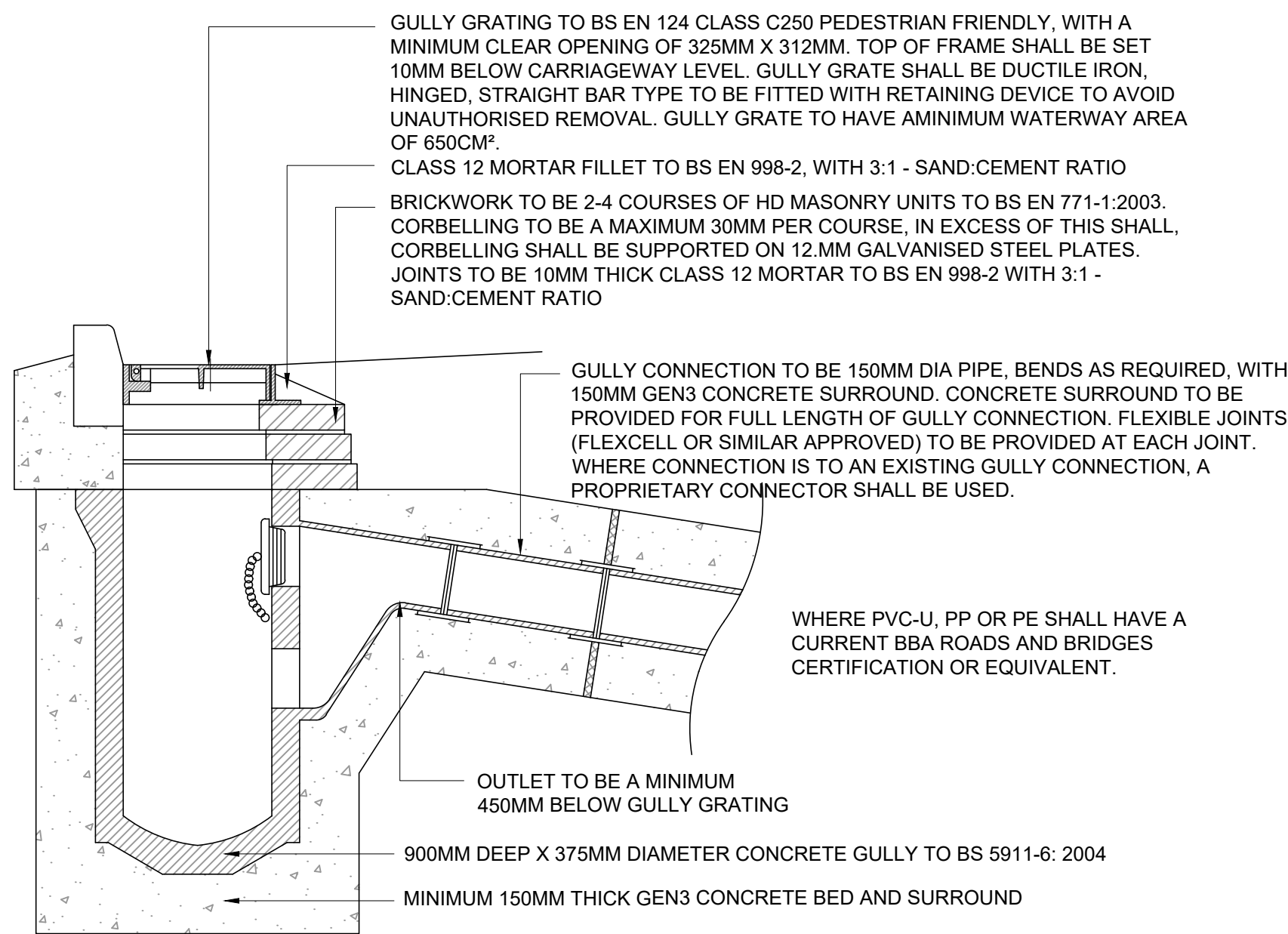
TYPICAL PPIC INSPECTION CHAMBER
BACKDROP DETAIL



TYPICAL SADDLE CONNECTION



CLASS S - 360° GRANULAR SURROUND PIPE BEDDING DETAIL



ROAD GULLY DETAIL

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS AND SPECIFICATIONS.
2. DO NOT SCALE THIS DRAWING. ANY AMBIGUITIES, OMISSIONS AND ERRORS ON DRAWINGS SHALL BE BROUGHT TO THE ENGINEERS ATTENTION IMMEDIATELY. ALL DIMENSIONS MUST BE CHECKED / VERIFIED ON SITE.
3. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
4. SULPHATE RESISTANT CEMENT DC2 AND PRECAST CONCRETE PRODUCTS MUST BE USED WHERE SULPHATE FOUND, OR WHERE NO SULPHATES THEN C20- GEN 3

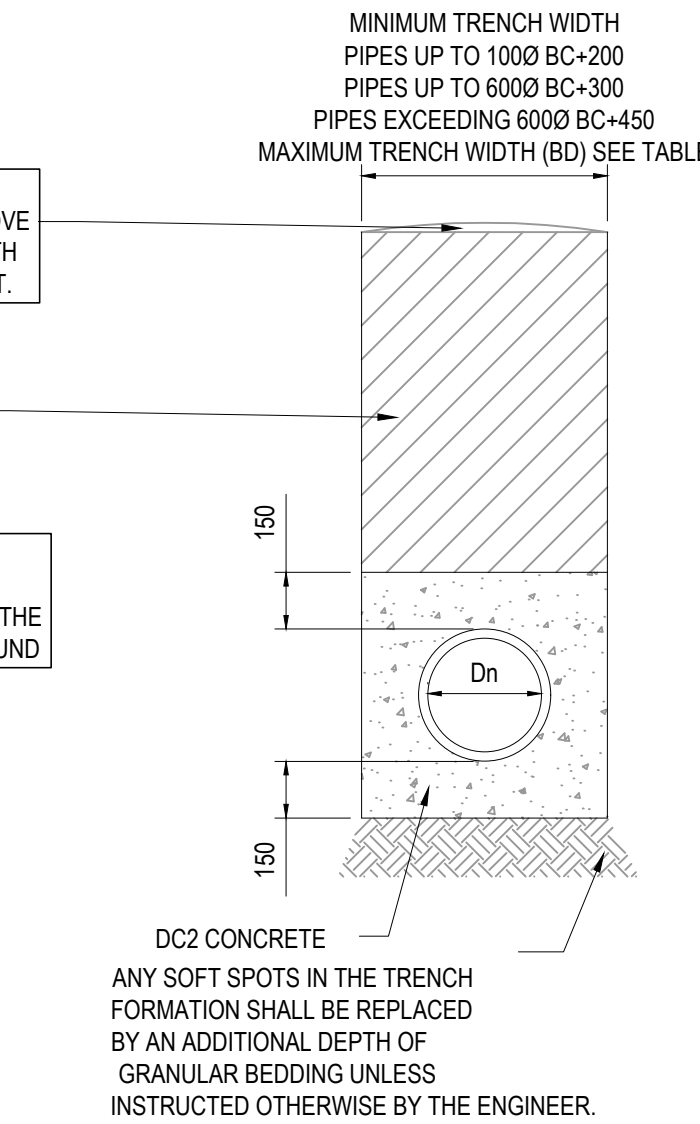
SOFT LANDSCAPE AREAS
IN SOFT LANDSCAPING AREAS TRENCH FILL ABOVE PIPES IS TO BE MOUNDED TO A MAXIMUM DEPTH OF 50MM TO ALLOW FOR FUTURE SETTLEMENT.

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.

C01	ISSUED FOR CONSTRUCTION	10.11.22	CS	ATL
P02	ISSUED FOR STAGE 3	24.06.22	CS	CG
P01	ISSUED FOR TENDER	18.02.22	ATL	CG
Rev:	Description:	Date:	By:	Chkd:

curtins

Merchant Exchange, 17-19 Whitworth Street West, Manchester, M1 5WG
0161 235 2384
manchester@curtins.com
www.curtins.com

Civils & Structures • Transport Planning • Environmental • Infrastructure • Geotechnical • Conservation & Heritage • Principal Designer
Birmingham • Bristol • Cambridge • Cardiff • Douglas • Dublin • Edinburgh • Glasgow • Kentish • Leeds • Liverpool • London • Manchester • Nottingham

Status: **CONSTRUCTION**

Project: **CIRCLE SQUARE BUILDING 3**

Orig Title: **ENABLING WORKS DRAINAGE DETAILS SHEET 2**

Size:	Date:	Drawn By:	Designed By:	Checked By:
A1	18.03.22	ATL	ATL	CG
Scale:	1:20			
Project No:	Originator:	Zone:	Level:	Type: Discipline: Category / Number: Rev:

CS3 - CUR - XX - XX - DR - C - 9221 - C01