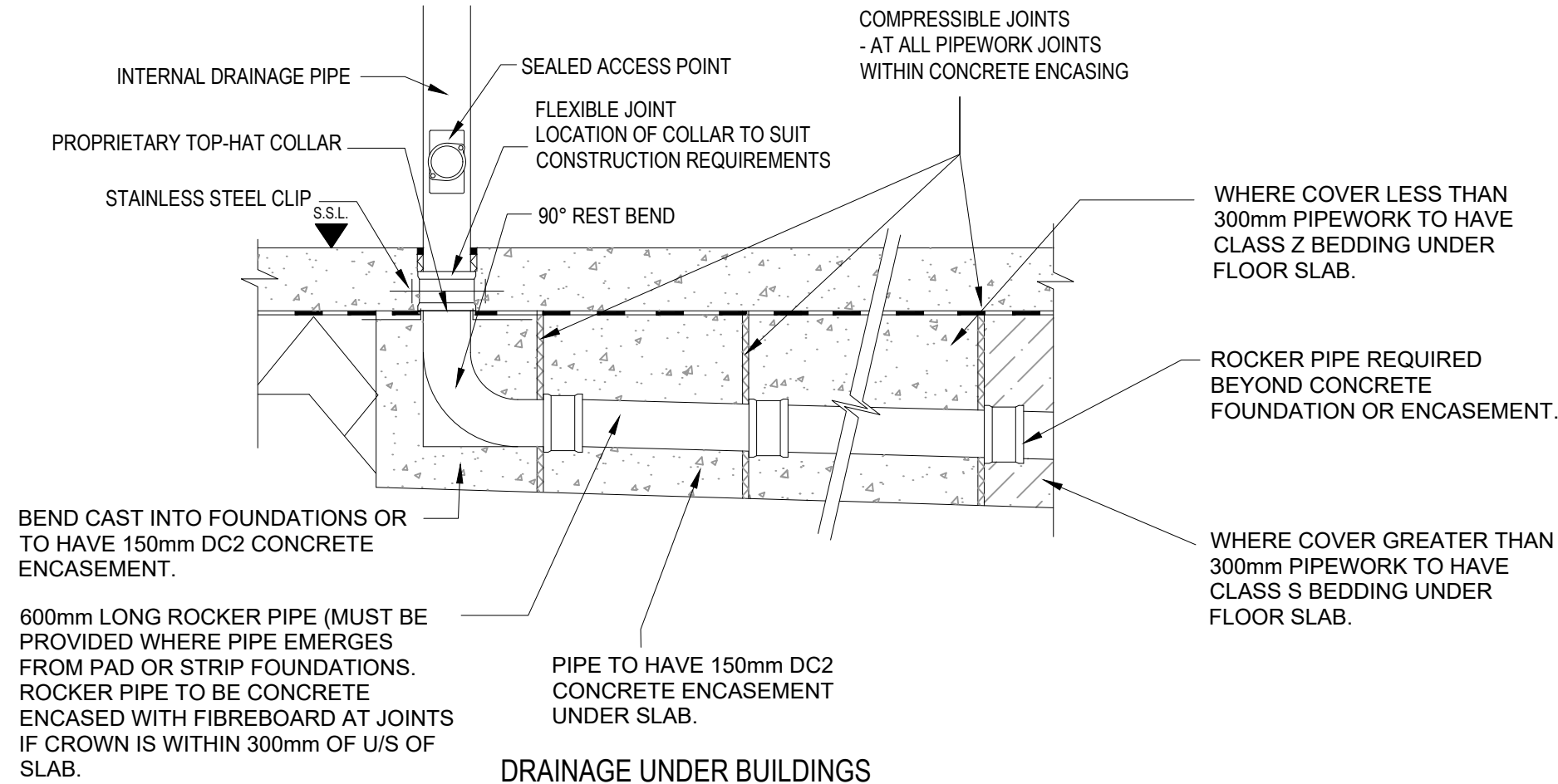
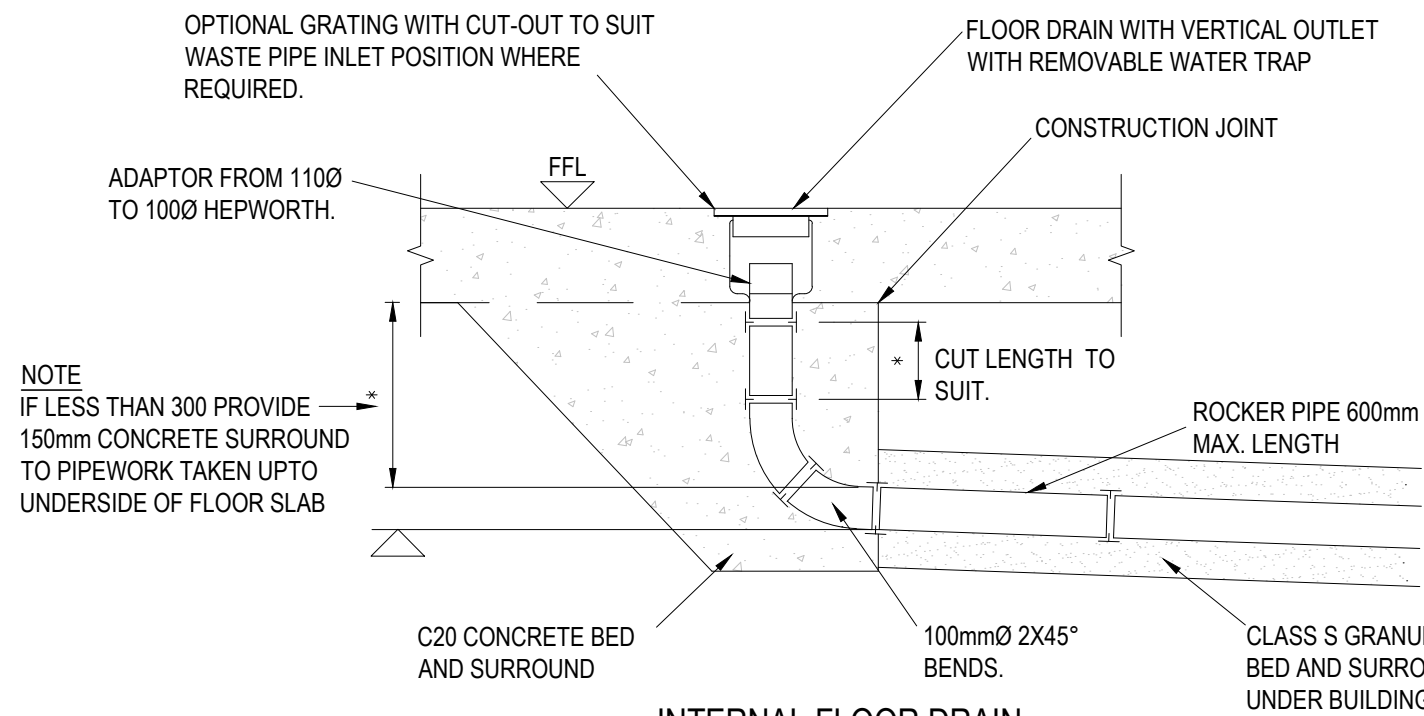
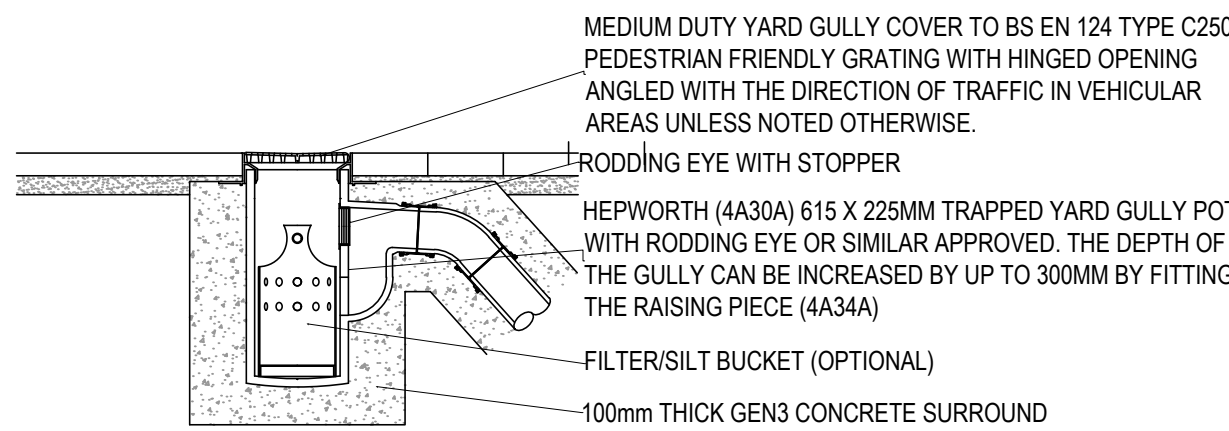




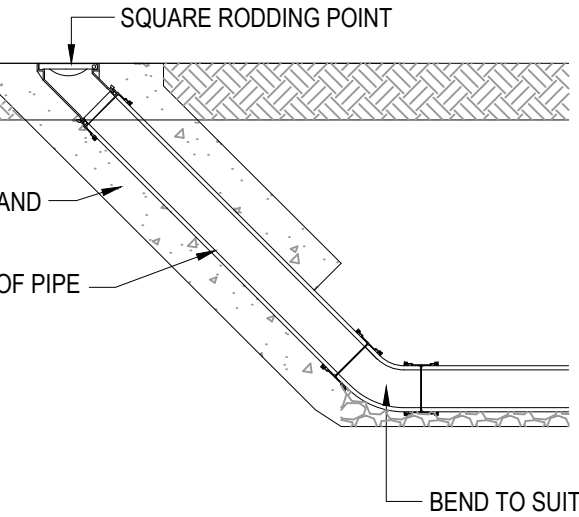
DRAINAGE UNDER BUILDINGS



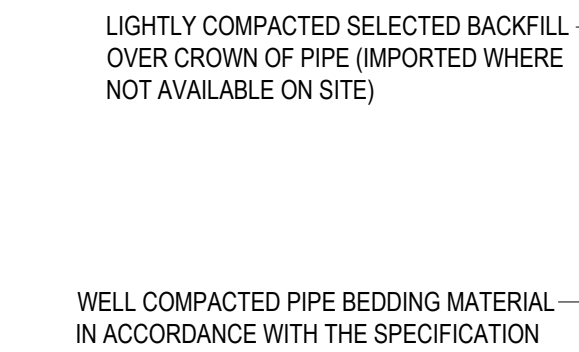
INTERNAL FLOOR DRAIN



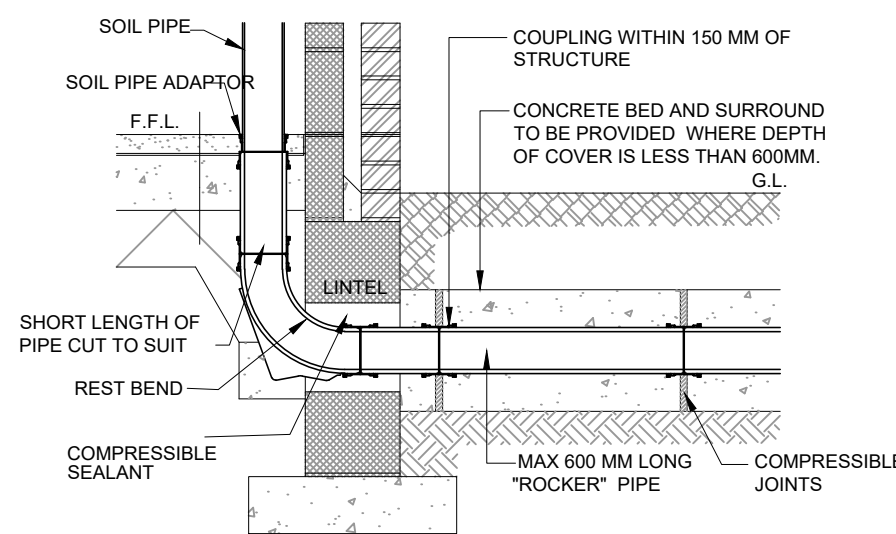
TYPICAL YARD GULLY



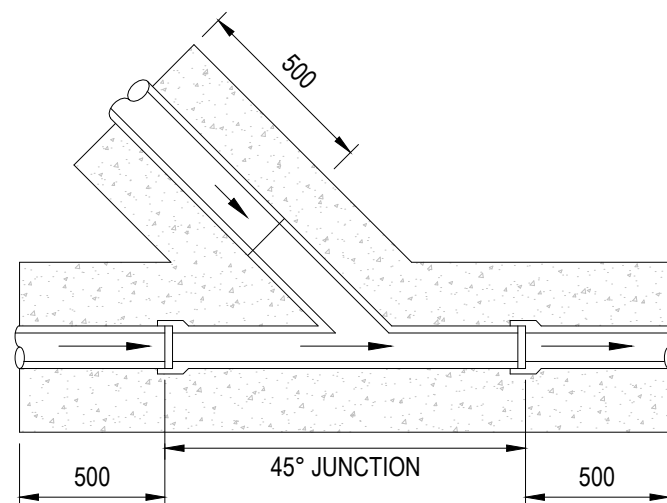
RODDING POINT DETAIL (RE)



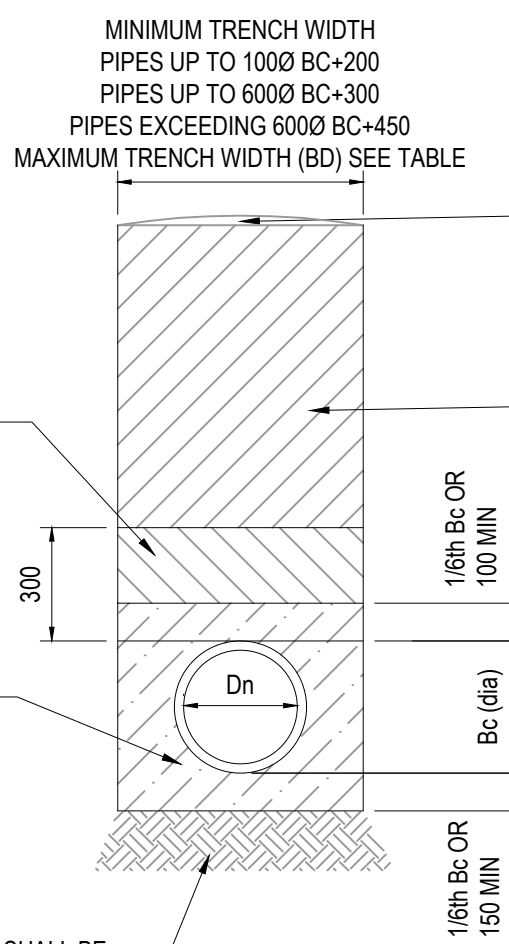
CLASS S - 360° GRANULAR SURROUND PIPE BEDDING DETAIL



SOIL & VENT PIPE / STUB STACK / W.C. CONNECTION DETAIL



TYPICAL SADDLE CONNECTION



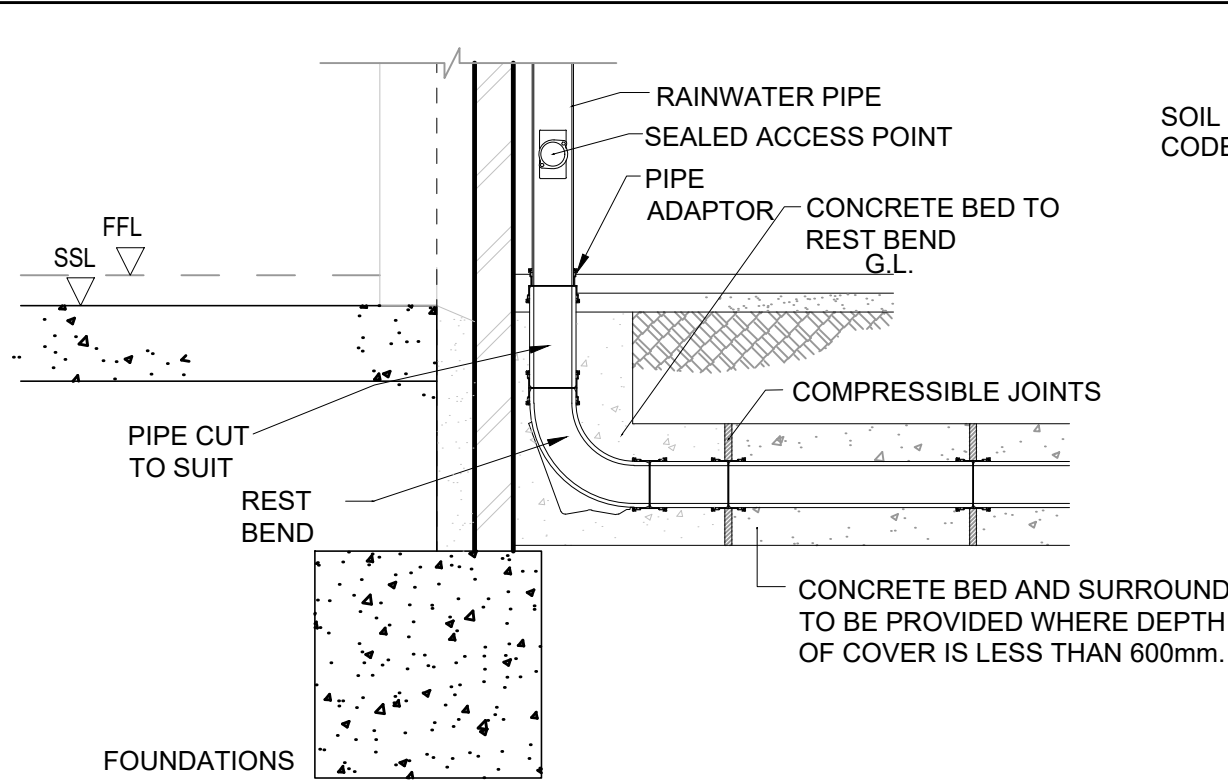
SOFT LANDSCAPE AREAS
IN SOFT LANDSCAPING AREAS TRENCH FILL ABOVE PIPES IS TO BE MOUNDED TO A MAXIMUM DEPTH OF 50MM TO ALLOW FOR FUTURE SETTLEMENT.

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

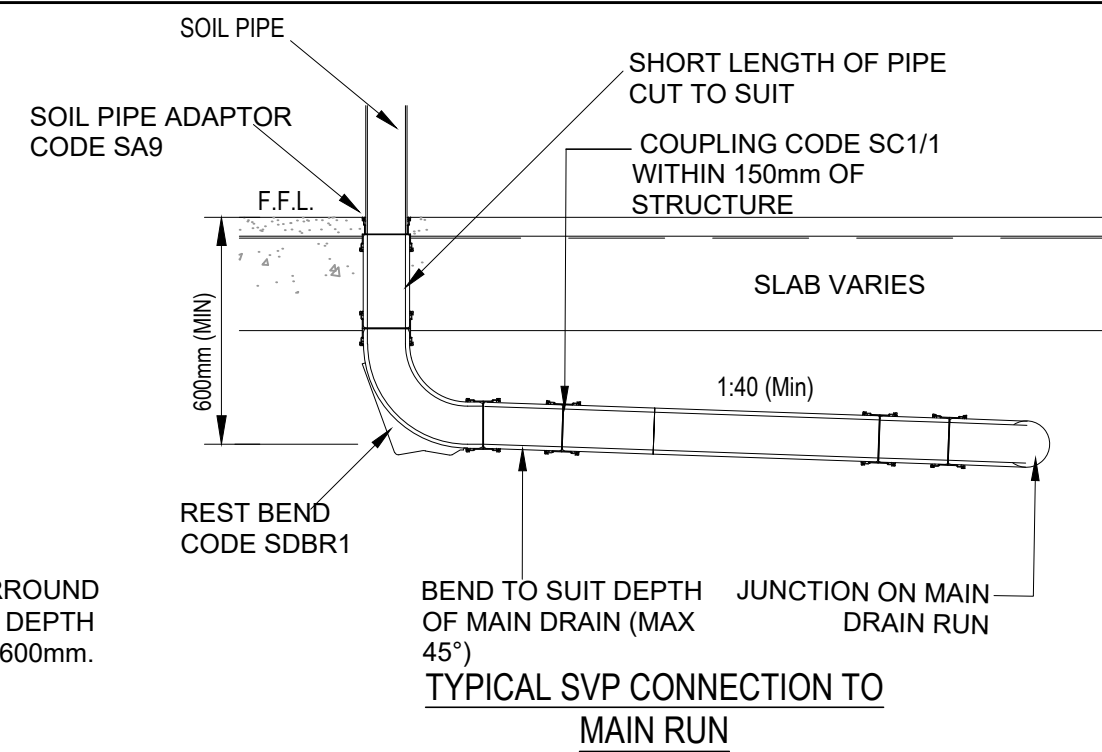
THE FLEXIBLE JOINTS IN THE PIPES SHALL BE MAINTAINED AT THE END OF EACH PIPE WITH COMPRESSIBLE SHEET CUT ACCURATELY TO FIT THE PIPE PROFILE TO BREAK THE CONCRETE SURROUND

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

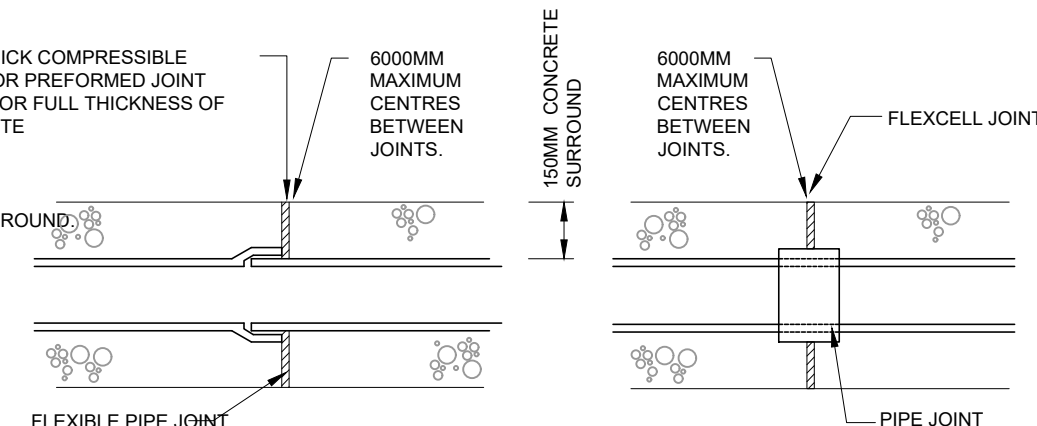
MAXIMUM TRENCH WIDTH



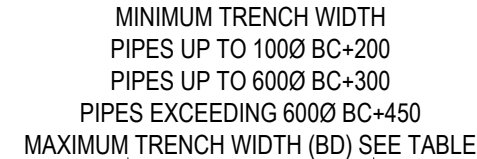
RWP CONNECTION DETAIL



TYPICAL SVP CONNECTION TO MAIN RUN



EXPANSION JOINT FOR CONCRETE BED AND SURROUND



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

GENERAL NOTES:

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS AND SPECIFICATIONS.
- 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.
- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
- SULPHATE RESISTANT CEMENT DC2 AND PRECAST CONCRETE PRODUCTS MUST BE USED WHERE SULPHATE FOUND, OR WHERE NO SULPHATES THEN C20-GEN 3

P01	STAGE 3 ISSUE	04.04.22	MW	MW
Rev:	Description:	Date:	By:	Chkd:
 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: STAGE 3				
Project: ST MICHAELS - PHASE 1				
Orig Title: DRAINAGE DETAILS SHEET 2				
Size:	Date:	Drawn By:	Designed By:	Checked By:
A1	04.04.22	TH	MW	MW
Scale:	1:20			
Project No:	Originator:	Zone:	Level:	Type: Discipline: Category / Number: Rev:
63068	CUR	XX	XX	DR - C - 5231 - P01