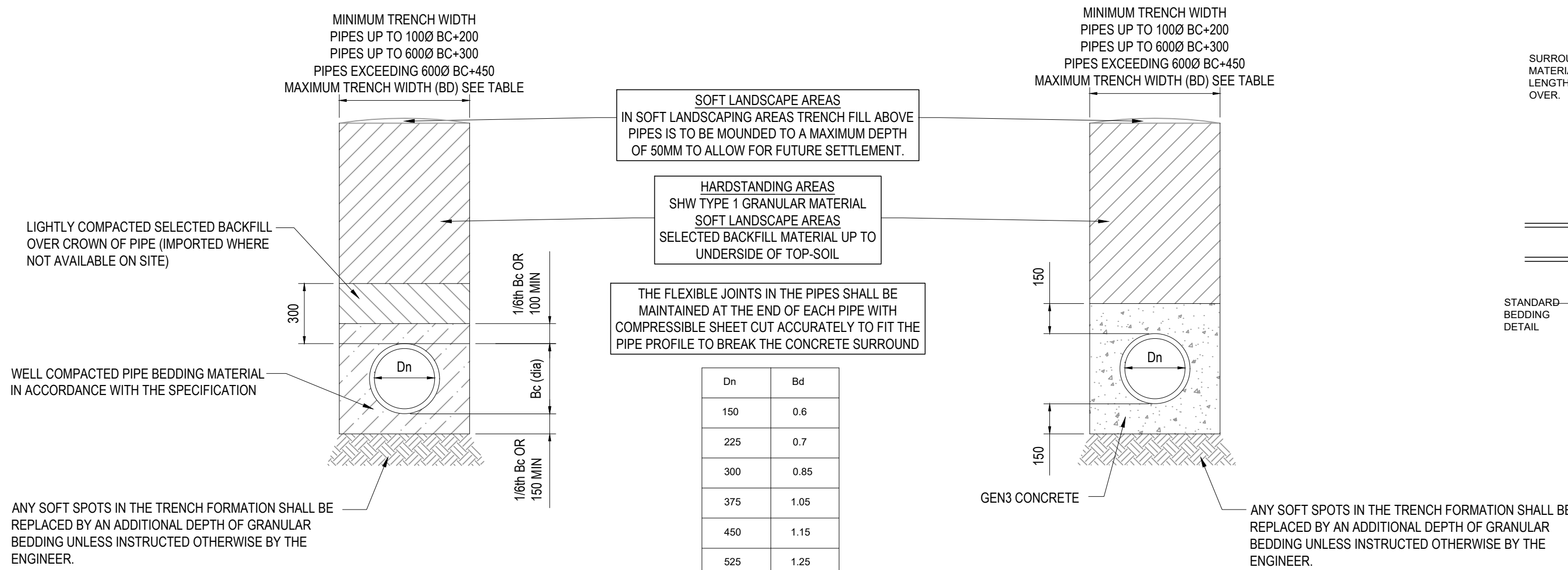
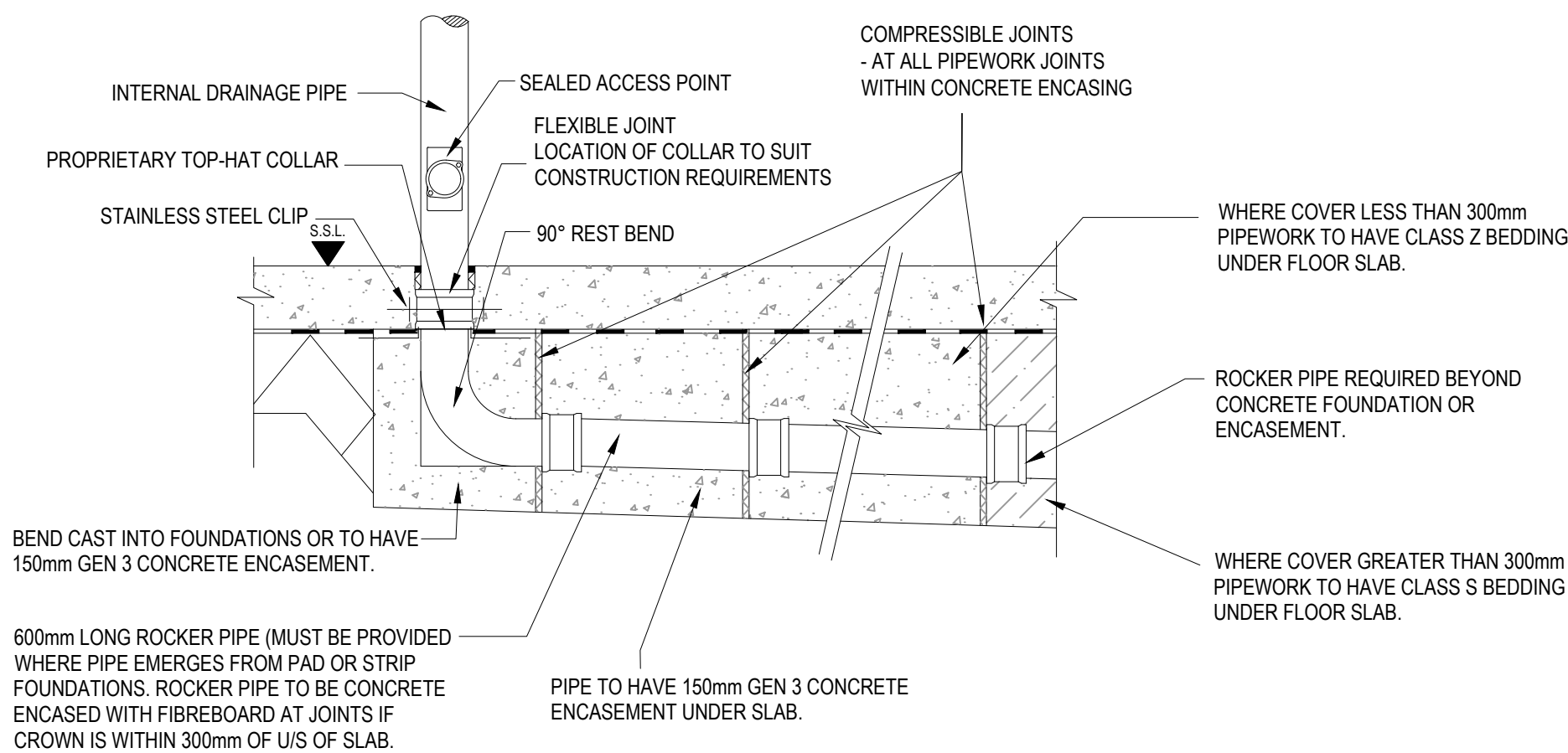




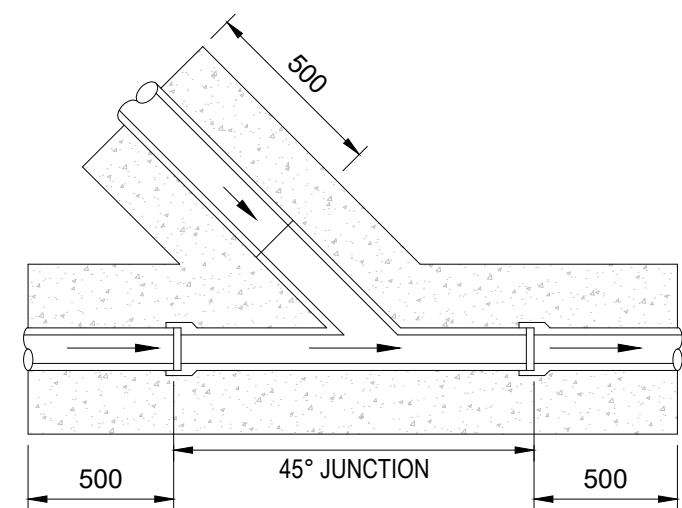
CLASS S - 360° GRANULAR SURROUND PIPE BEDDING DETAIL

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

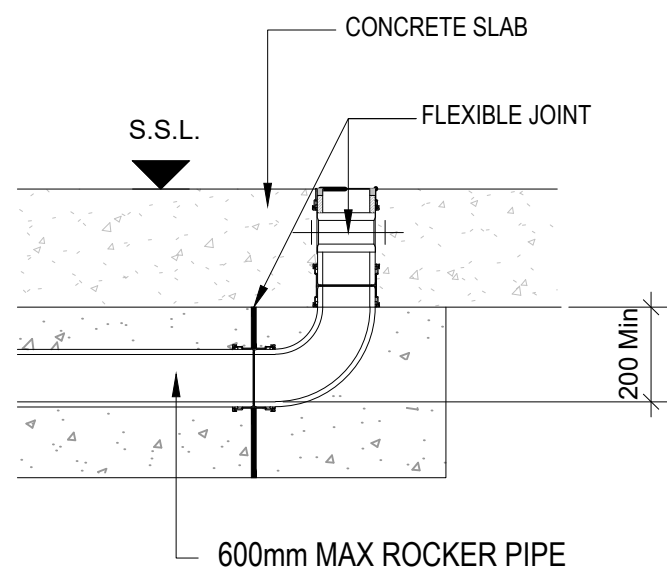
MAXIMUM TRENCH WIDTH



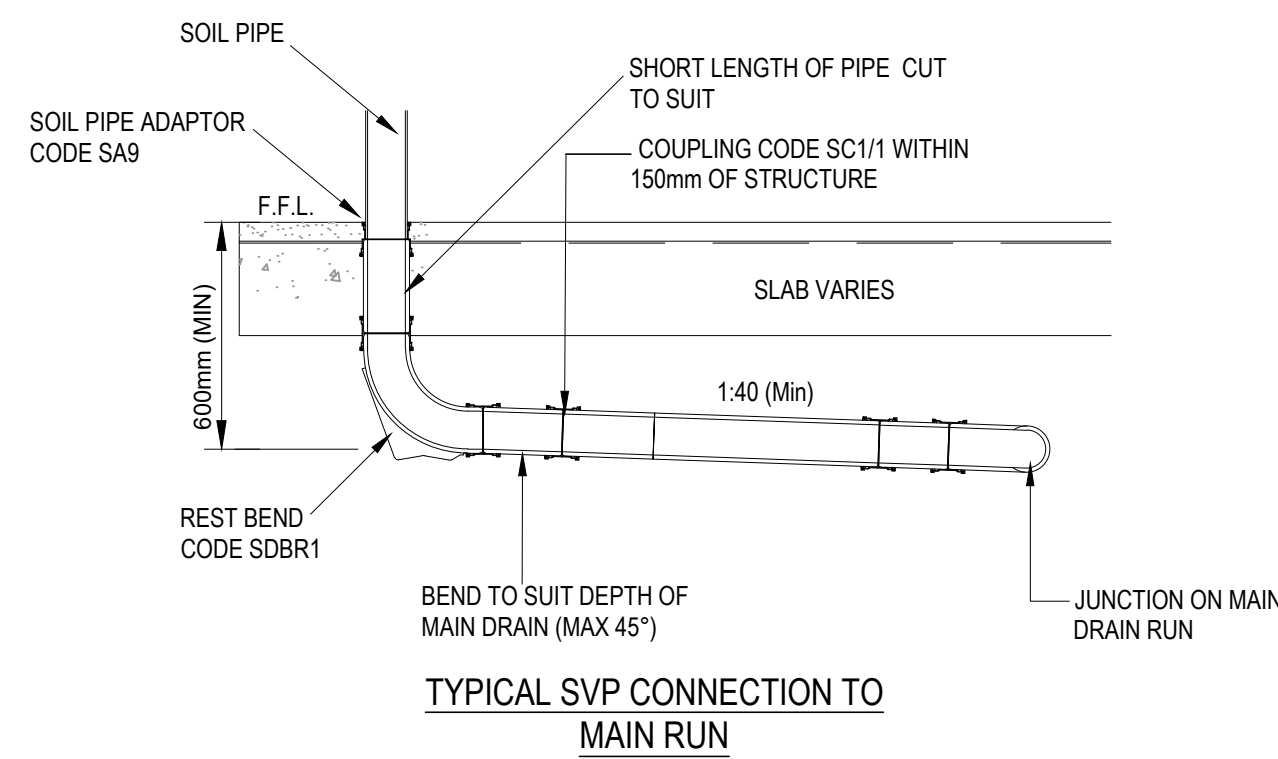
DRAINAGE UNDER BUILDINGS



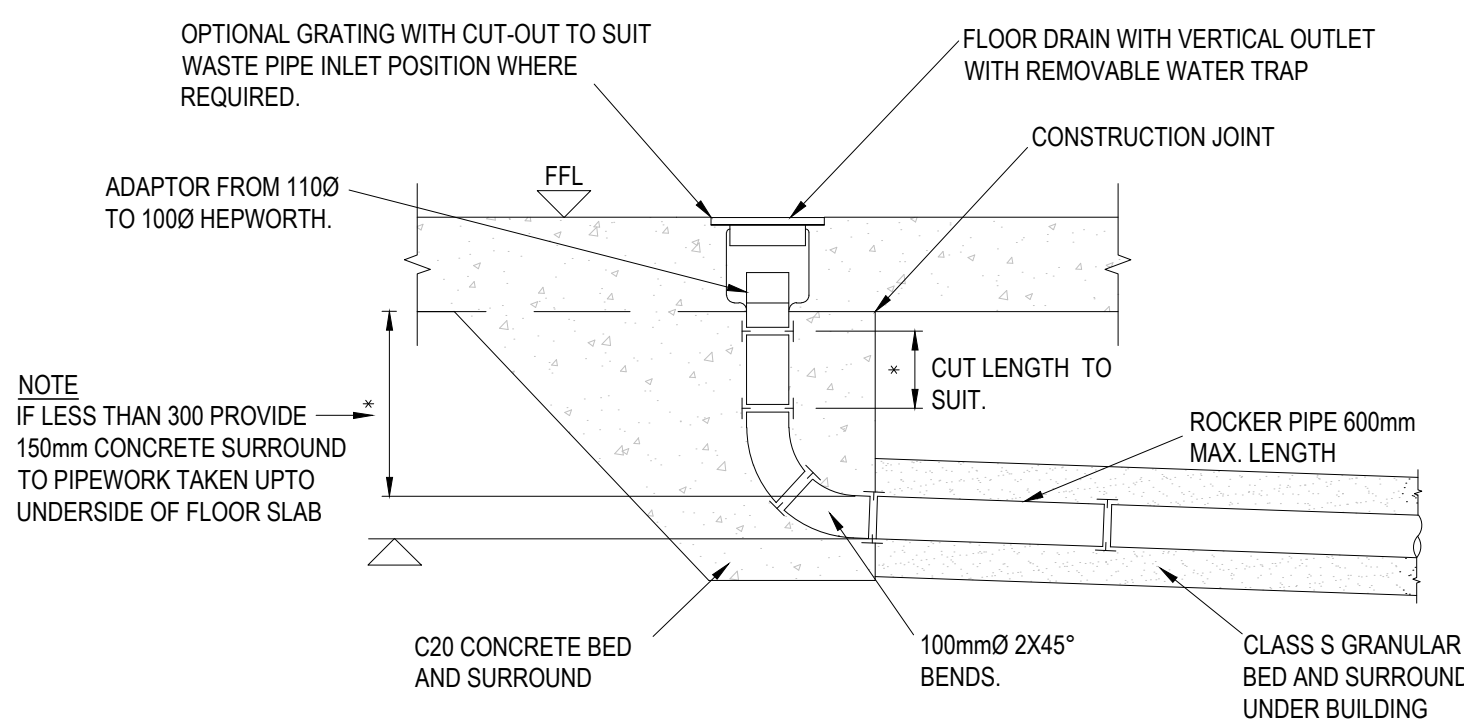
TYPICAL SADDLE CONNECTION



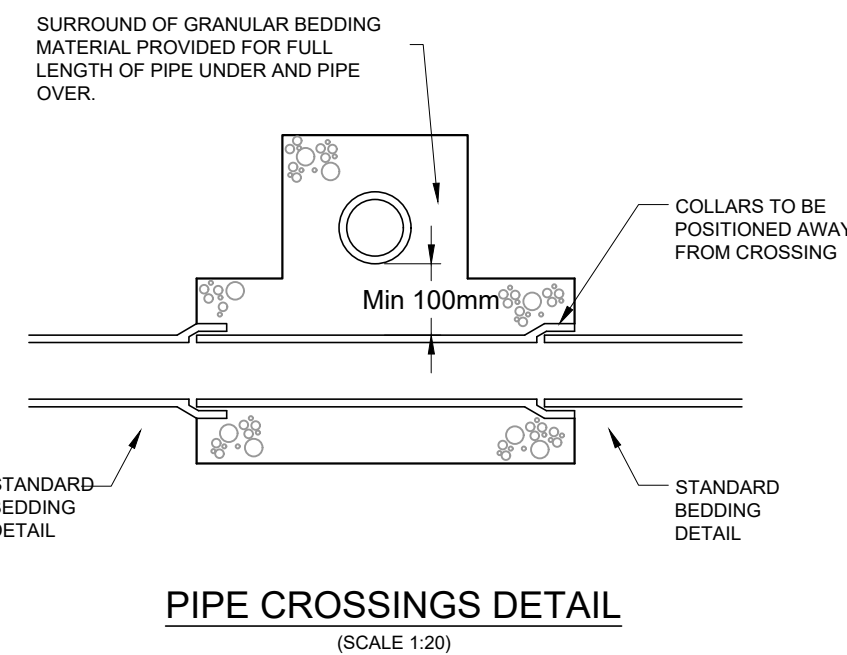
TYPICAL SECTION THROUGH SLAB  
(100mmØ downpipe)



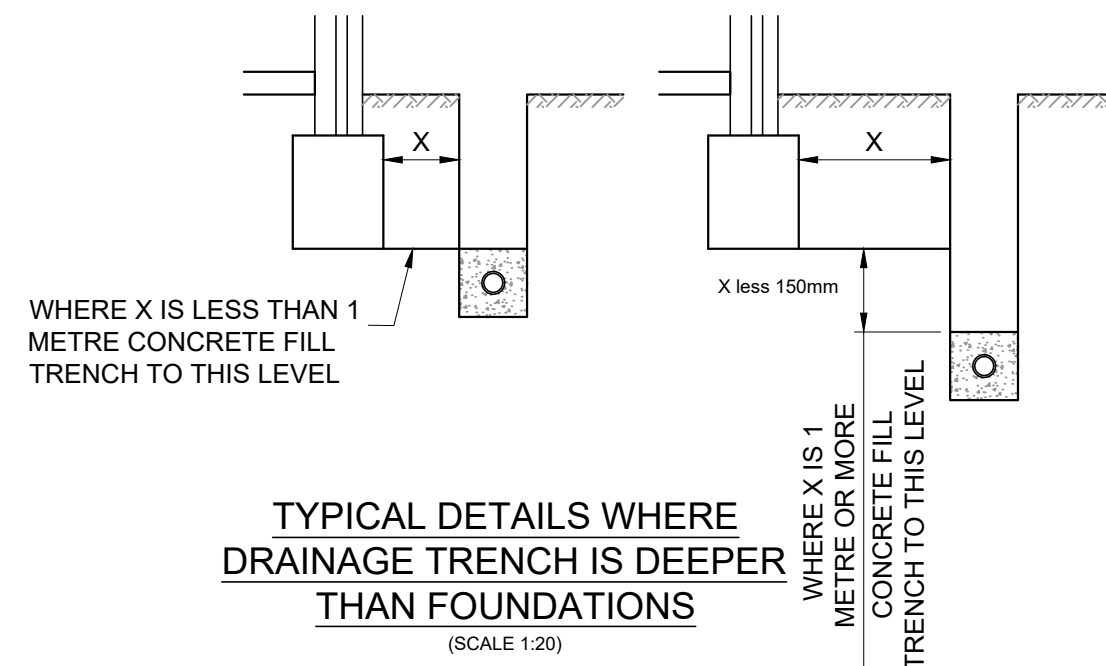
TYPICAL SVP CONNECTION  
TO MAIN RUN



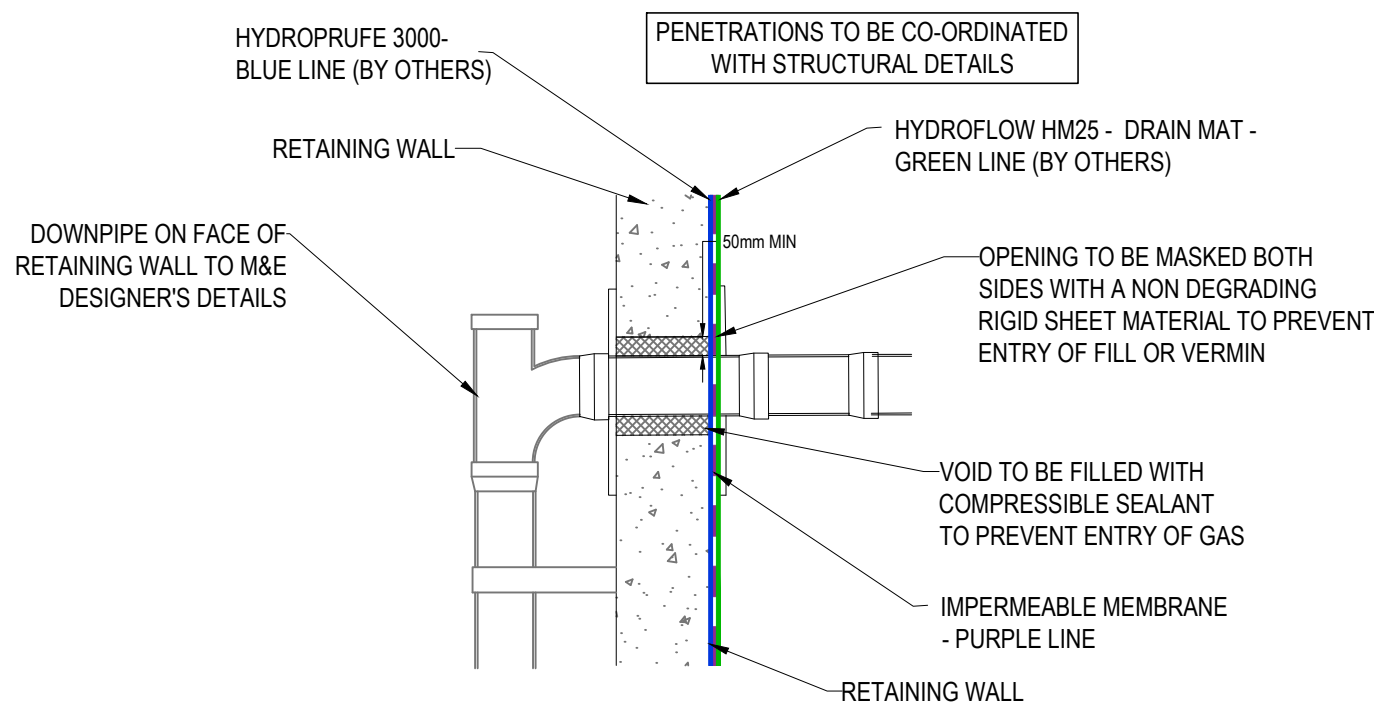
INTERNAL FLOOR DRAIN



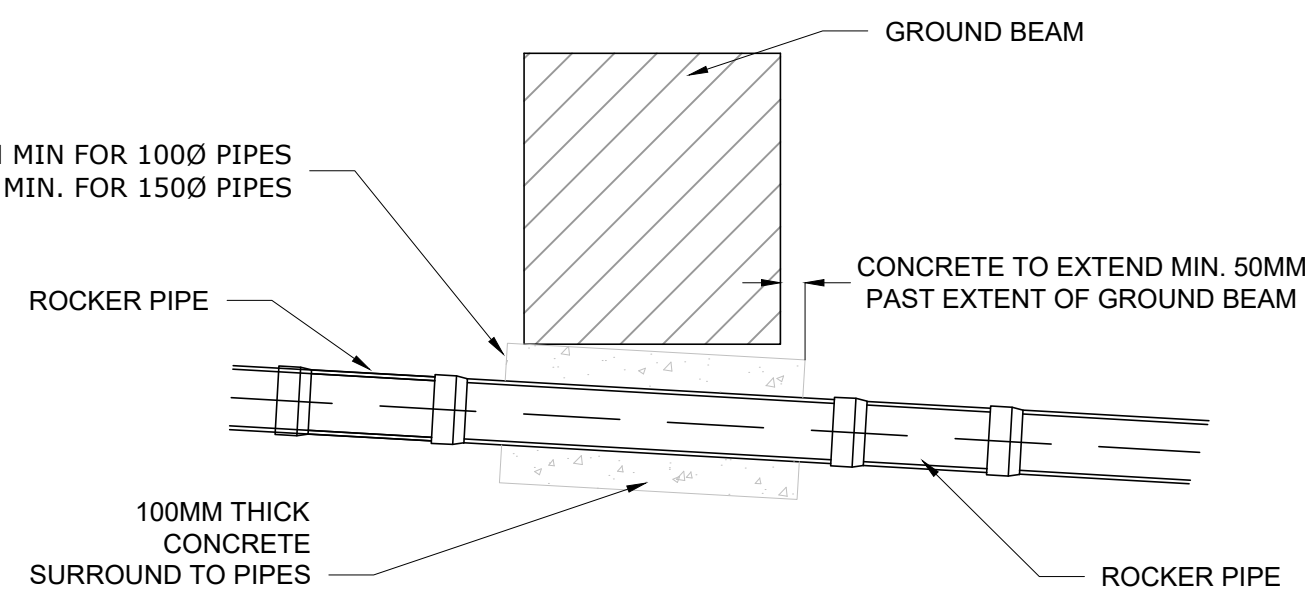
PIPE CROSSINGS DETAIL  
(SCALE 1:20)



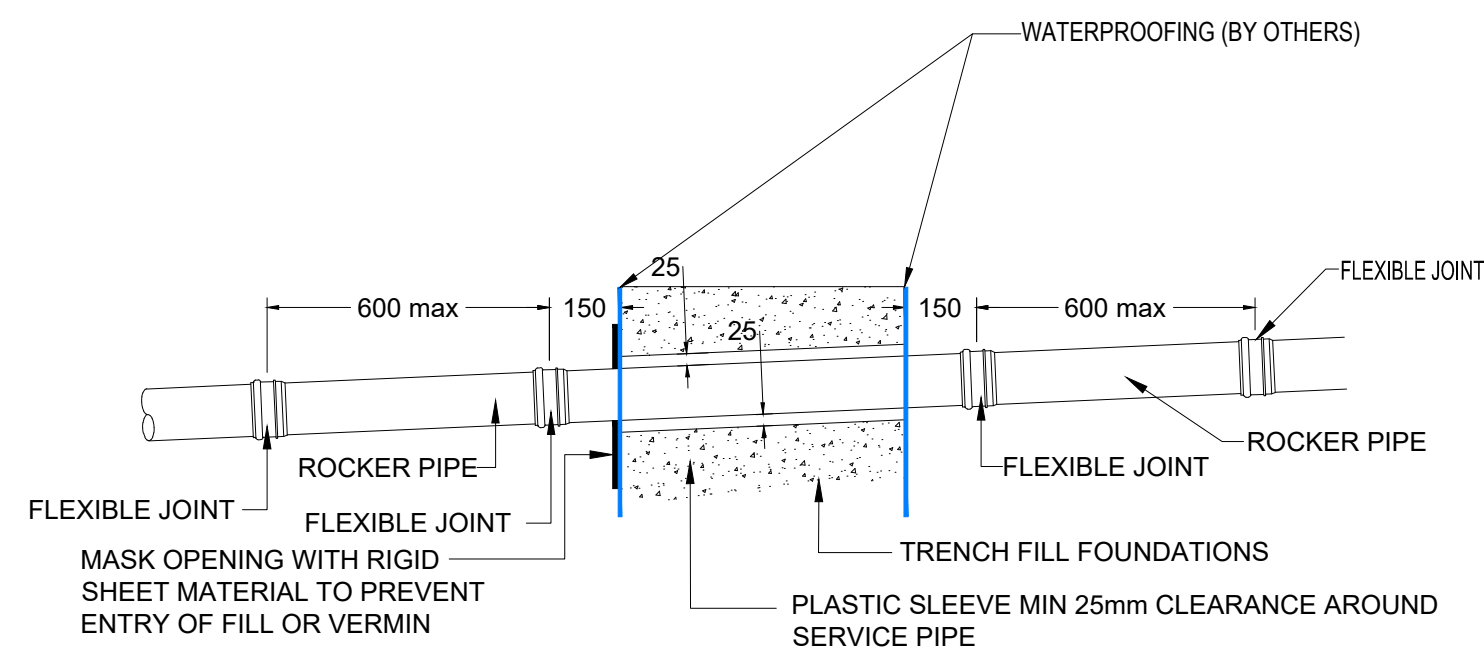
TYPICAL DETAILS WHERE  
DRAINAGE TRENCH IS DEEPER  
THAN FOUNDATIONS  
(SCALE 1:20)



PENETRATION DETAIL THROUGH RETAINING WALL



TYPICAL PIPE DETAIL UNDER  
GROUND BEAMS



PIPES PASSING THROUGH  
GROUND BEAM

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.
- FOR GENERAL NOTES REFER TO DRAWING 082142-CUR-XX-XX-D-C-92500

|      |                           |          |     |       |
|------|---------------------------|----------|-----|-------|
| P03  | PRELIMINARY STAGE 4 ISSUE | 05.12.25 | ATL | MW    |
| P02  | ISSUED FOR STAGE 3        | 27.09.24 | ATL | ATL   |
| P01  | ISSUED FOR STAGE 2        | 14.07.23 | ATL | CG    |
| Rev: | Description:              | Date:    | By: | Chkd: |

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Status: **STAGE 4**

Project: **SPARKLE STREET, MANCHESTER**

Typ Title: **TYPICAL DRAINAGE DETAILS  
SHEET 1**

|                                                                           |                    |                    |
|---------------------------------------------------------------------------|--------------------|--------------------|
| Drawn By<br>ATL                                                           | Designed By<br>ATL | Checked By<br>CD   |
| Project No.<br>0824142                                                    | Date<br>14/07/23   | Scales @ A1<br>NTS |
| Project No - Originator - Function - Spatial - Form - Discipline - Number |                    |                    |
| SPS - CUR - ZZ - ZZ - DR - C - 83-4920                                    |                    |                    |
| Revision<br>P03                                                           |                    |                    |