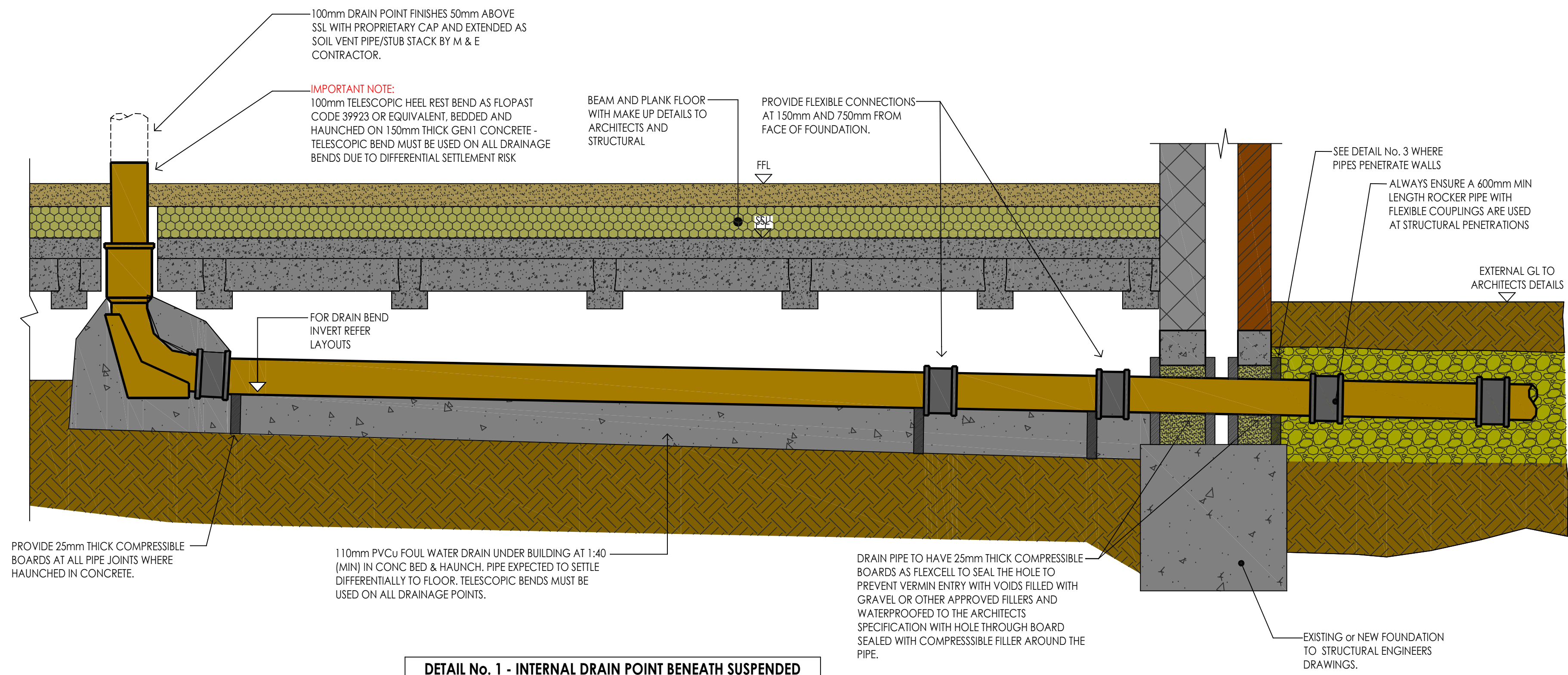
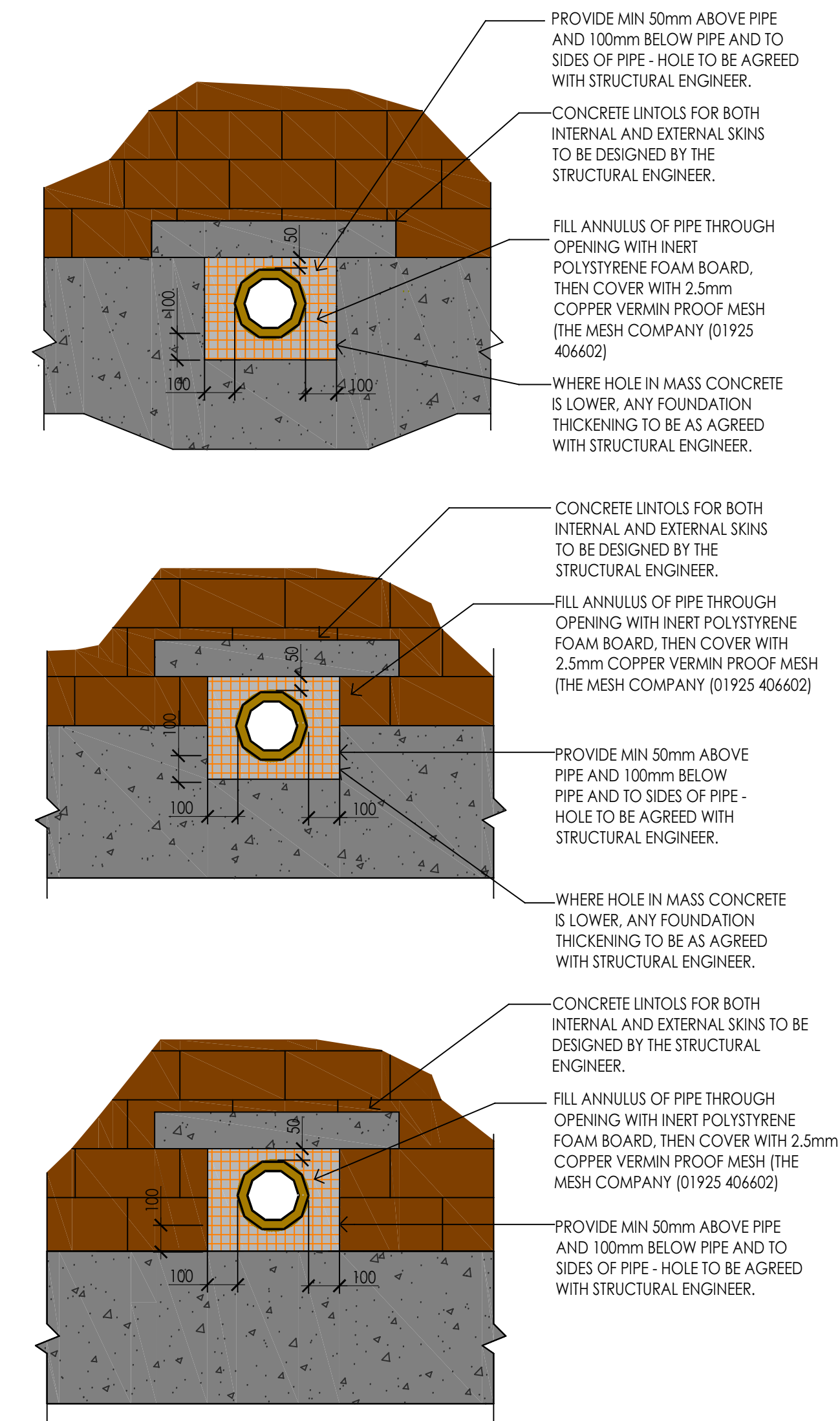
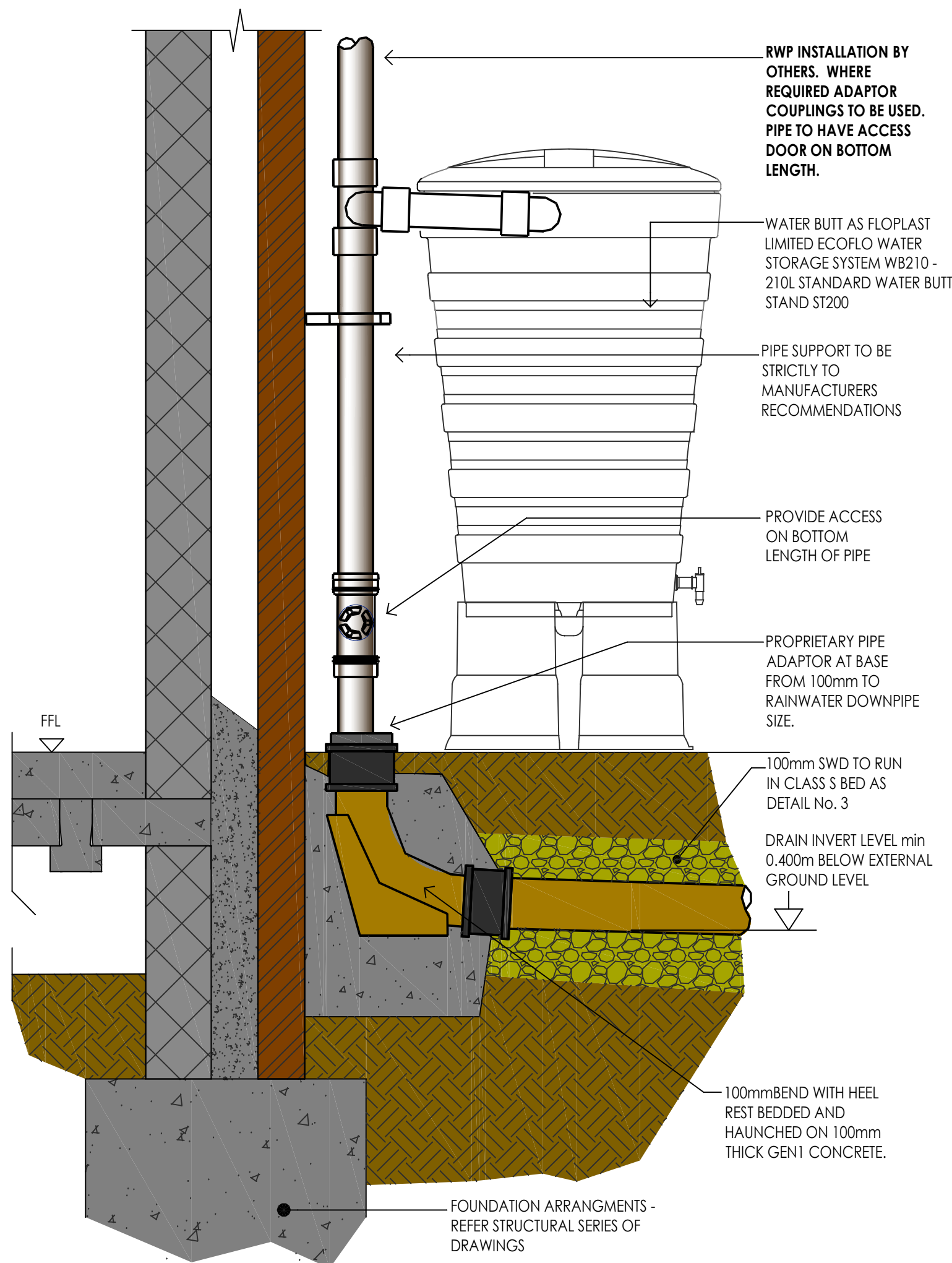




DETAIL No. 1 - INTERNAL DRAIN POINT BENEATH SUSPENDED BEAM AND BLOCK GROUND FLOOR SLAB



DETAIL No. 3 - DRAINAGE PASSING THROUGH MASS CONCRETE FOUNDATION



DETAIL No. 4 - WATER BUTT AND EXTERNAL RAINWATER PIPE (RWP)

NOMINAL INTERNAL DIA DN (mm)	ASSUMED EXTERNAL DIA Bc (mm)	ASSUMED MAX. PERMISSIBLE TRENCH WIDTH Bd (mm)	DIMENSION 'Y' FOR UNIFORM SOILS (mm)
100	130	550	150
150	190	600	150

PIPE BORE (mm)	AGGREGATE TYPE	GRANULAR BEDDING CLASS 'B' or 'S'
100	SINGLE SIZE GRADED	10 N/A
150	SINGLE SIZE GRADED	10 or 14 5-14

- NOTES:
- 25mm EXPANSION JOINT MATERIAL TO FULL AREA OF CONCRETE BED & SURROUND AT ALL PIPE JOINTS
 - FINAL FORMATION TO BE DISHED TO GIVE FULL DEPTH OF CONCRETE BED AROUND PIPE COLLAR.
 - WHEN USING CONCRETE REFER TO THE SOIL REPORT FOR SULPHATE CONTENT.
 - ALL TRENCH FILL MATERIAL MUST BE INERT.
 - CONTRACTOR TO SUPPLY GRADING CERTIFICATES FOR ALL GRANULAR MATERIAL TO PROJECT MANAGER FOR APPROVAL.

25mm EXPANSION JOINT MATERIAL TO FULL AREA OF CONCRETE BED & SURROUND AT ALL PIPE JOINTS

FINAL FORMATION TO BE DISHED TO GIVE FULL DEPTH OF CONCRETE BED AROUND PIPE COLLAR

ROOT PROTECTION

WHERE SHOWN, IF THE MAIN DRAINAGE LAYOUT INDICATES ROOT PROTECTION ADD ROOT BARRIER AS SPECIFIED AROUND THE CLASS S DETAIL.

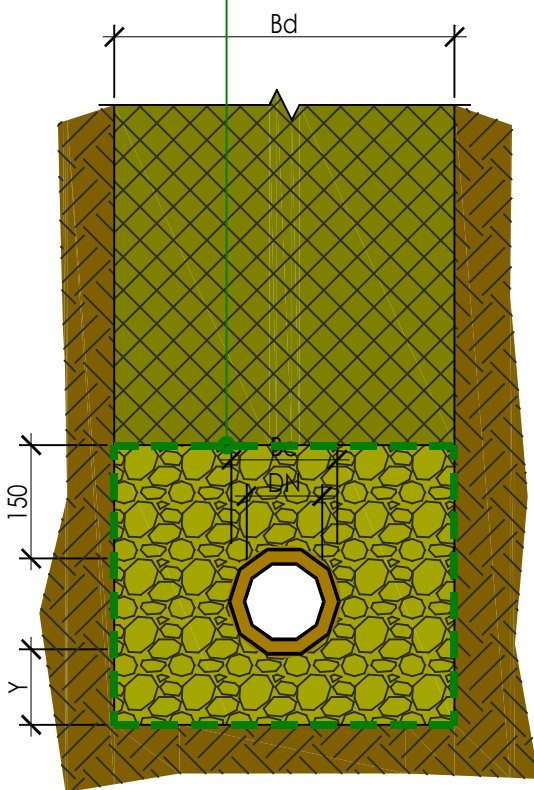
BACKFILL WITH APPROVED AS DUG SELECTED MATERIAL, WELL COMPACTED IN NO LESS THAN 200mm THICK LAYERS - REMOVE ALL VEGETATION AND STONES AND DEBRIS.

PIPE BEDDING GRANULAR MATERIAL - SEE TABLE

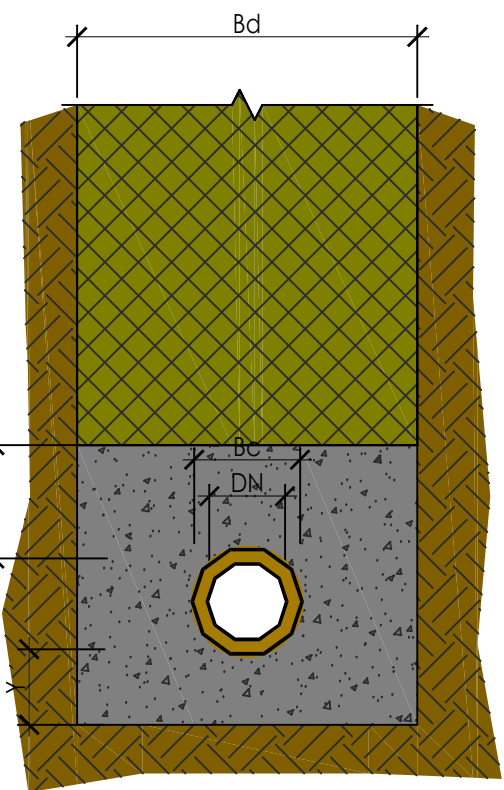
150mm THICK GRADE GEN1 MASS CONCRETE SURROUND

IF TREE PROTECTION IS REQUIRED USE GEO SYNTHETIC LTD 'ROOTBLOCK' ROOT BARRIER SYSTEM FITTED TO MANUFACTURERS STRICT INSTRUCTIONS

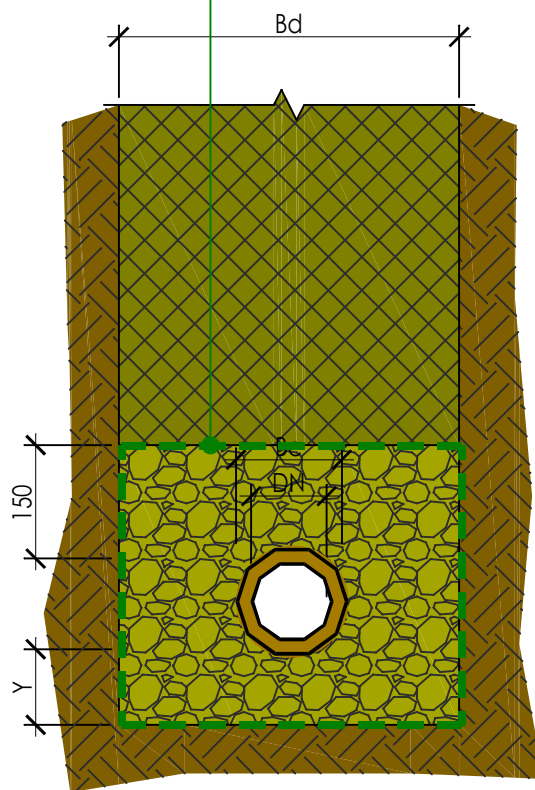
IF TREE PROTECTION IS REQUIRED USE GEO SYNTHETIC LTD 'ROOTBLOCK' ROOT BARRIER SYSTEM FITTED TO MANUFACTURERS STRICT INSTRUCTIONS



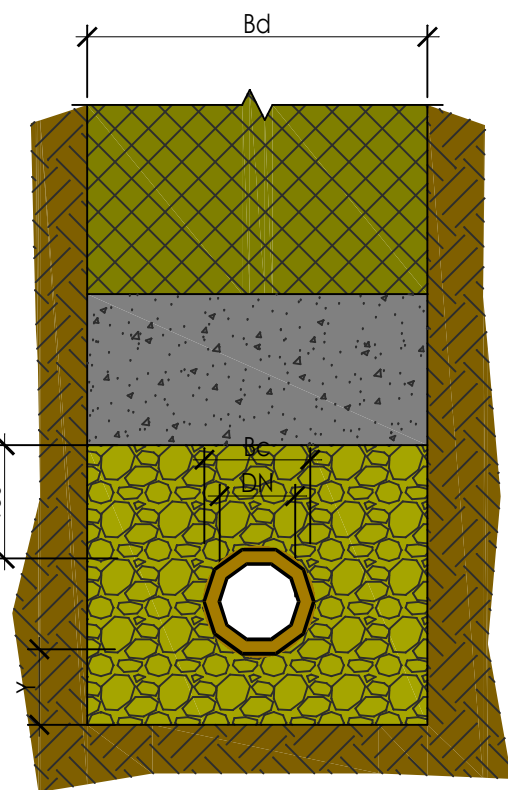
CLASS S BEDDING DETAIL (GRANULAR BED & SURROUND - WHERE GREATER THAN 0.9m - BEDDING FACTOR = 2.5)



CLASS A BEDDING DETAIL (CONCRETE BED & SURROUND - WHERE GREATER THAN 0.9m - BEDDING FACTOR = 4.5)



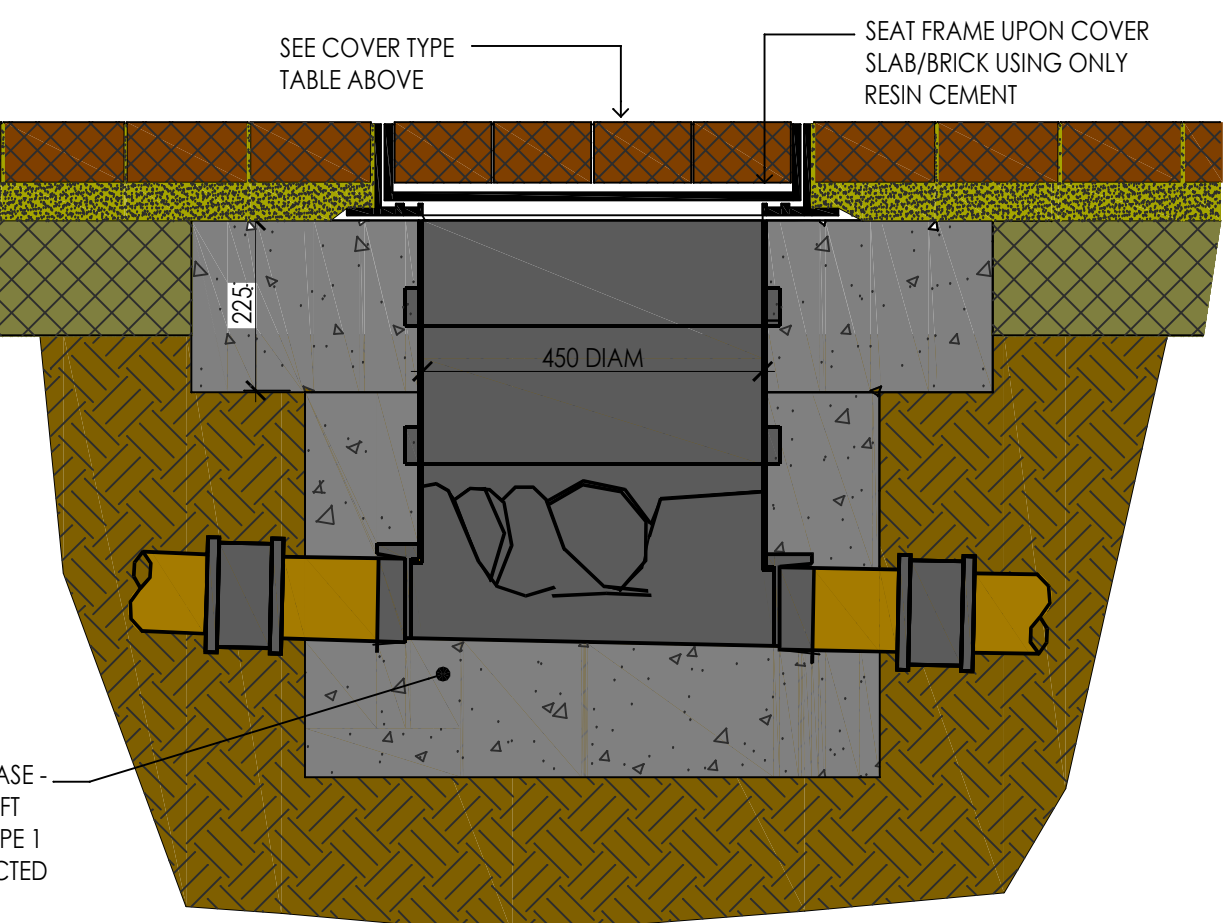
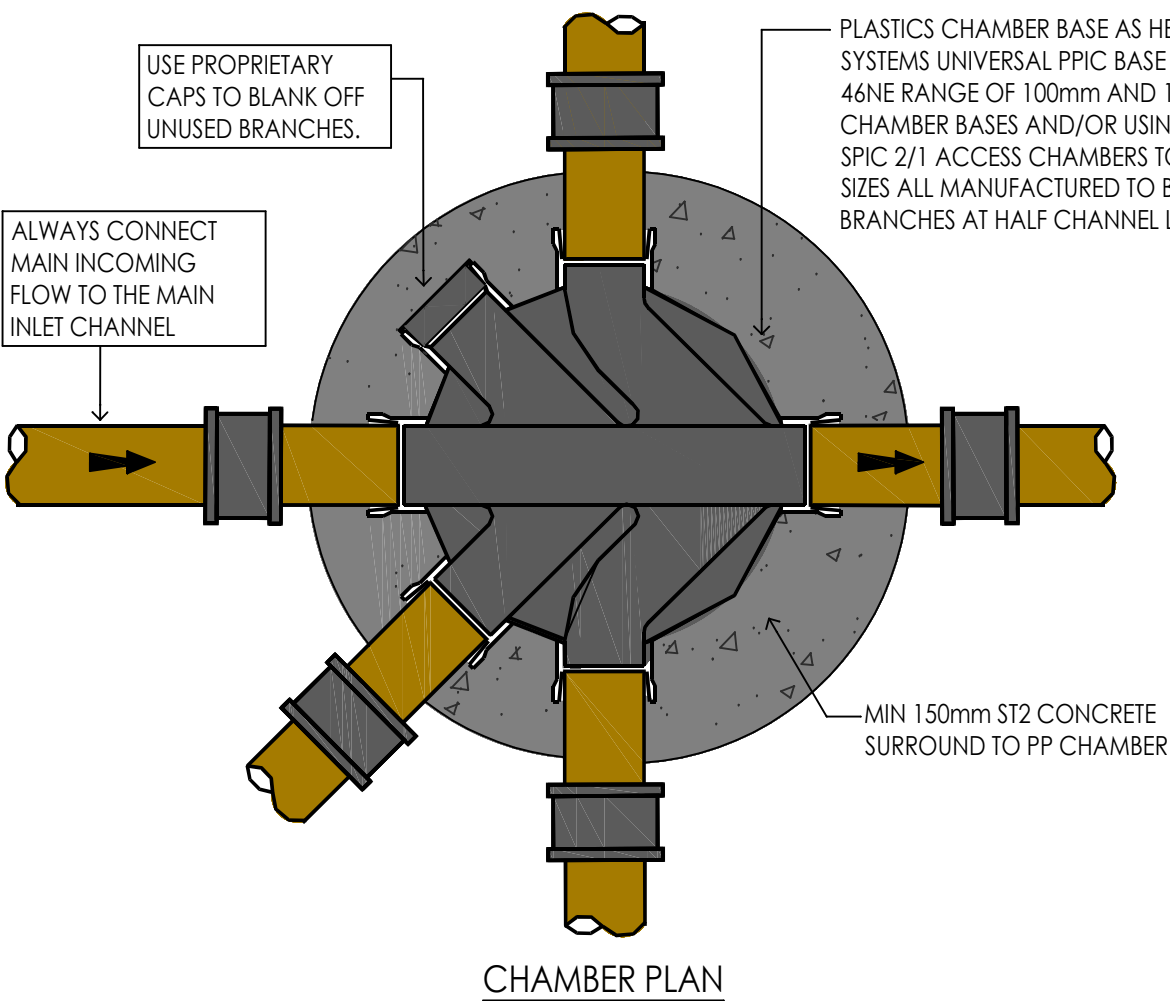
CLASS S BEDDING DETAIL (GRANULAR BED & SURROUND - WHERE GREATER THAN 0.9m - BEDDING FACTOR = 2.5)



CLASS A BEDDING DETAIL (CONCRETE BED & SURROUND - WHERE GREATER THAN 0.9m - BEDDING FACTOR = 4.5)

DETAIL No. 3A - EXTERNAL DRAINAGE RIGID PIPE BEDDING DETAILS - VITRIFIED CLAYWARE & CONCRETE PIPES

DETAIL No. 3B - EXTERNAL DRAINAGE FLEXIBLE PIPE BEDDING DETAILS - PLASTIC & DUCTILE IRON PIPES



DETAIL No. 5 - POLYPROPYLENE INSPECTION CHAMBER (PPIC)

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This drawing should be read in conjunction with the design team's relevant documents, drawings & details.

Existing public & private utility services and drainage locations shown have been derived from non-intrusive survey techniques. Their location is not accurate and the contractor must satisfy himself using open excavation where the location of such plant and apparatus is critical in construction.

If the contractor has constructed from this drawing without necessary approvals from Local Planning Authorities, Building Control, Sewerage Undertakers, Environment Agency etc then any abortive work shall be at his own financial risk and not the responsibility of SDA.

If the contractor has constructed from this drawing whilst the drawing remains 'PRELIMINARY' status, then any abortive work shall be at his own financial risk and not the responsibility of SDA.

The contractor should NOT construct any works should there be any doubt with information shown from any of the source. ALWAYS USE GIVEN DIMENSIONS ONLY. ALWAYS ASK IF IN DOUBT.

ALWAYS PRINT THIS DRAWING IN COLOUR

FOR ALL GENERAL NOTES SEE SDA DRAWING No. 100

P1	PRELIMINARY ISSUE	23.01.2026	SAD
Rev	Description	Date	Chkd

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Civil - Infrastructure - SuDS - Flood Risk - Drainage - Rainwater - Sanitation - Public Health

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Project	The Gardeners Arms, Selsfield Road, Ardingly RH17 6TJ
Drawing title	Drainage Detail - Sheet 1 of 2
Drawing status	PRELIMINARY

Project no	Scales	Drawing no	Rev
25049	A1 - 1:10 A3 - 1:20	200	P1