

DO NOT SCALE

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NOTES

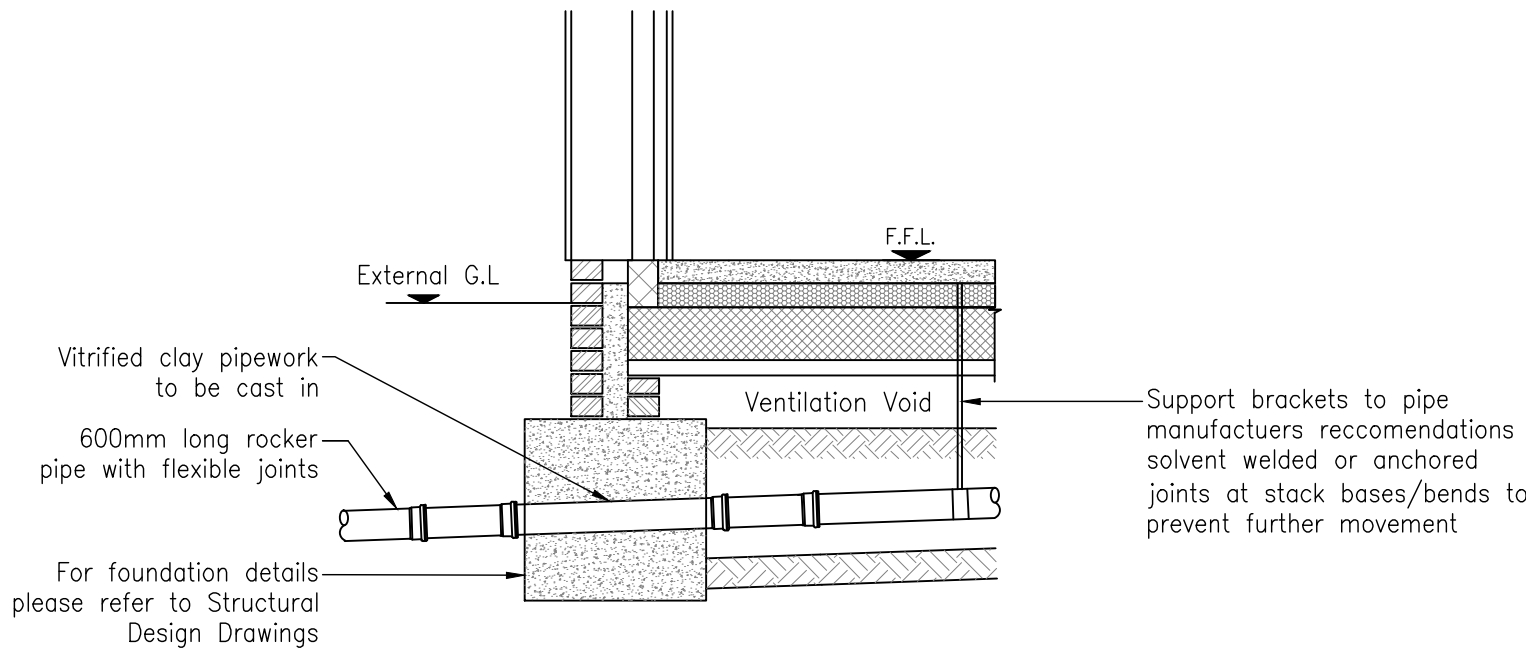
1.

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER DWS DRAWINGS, CALCULATIONS, REPORTS AND SPECIFICATIONS (WHERE APPLICABLE) AND, ALL OTHER RELEVANT ENGINEERS, ARCHITECTS & SPECIALIST DESIGN DETAILS.

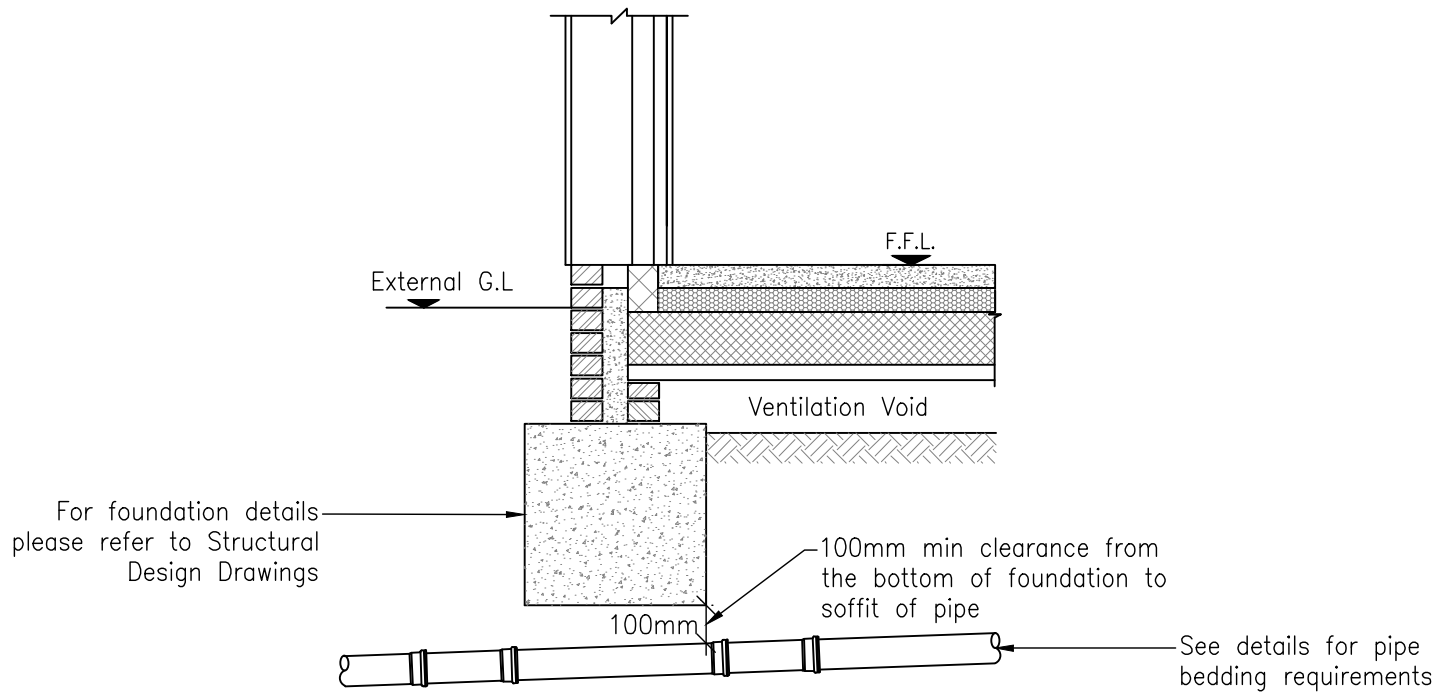
2.

STANDARD NOTES & DETAILS:
Refer to drawing number 0-170 onwards for standard notes - CIVIL

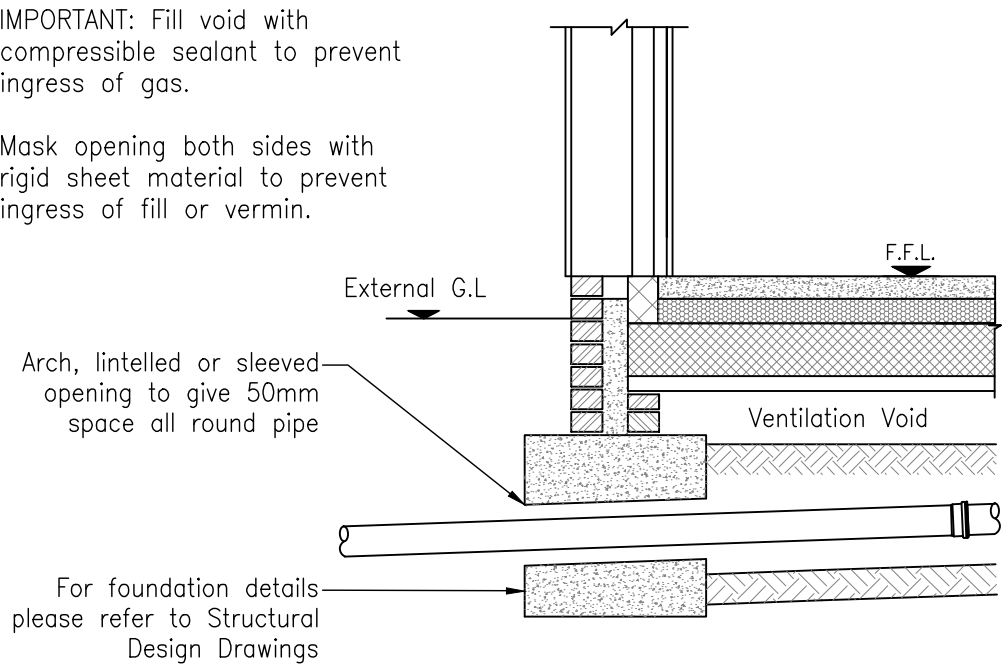
Refer to drawing number 0-180 onwards for standard details - CIVIL



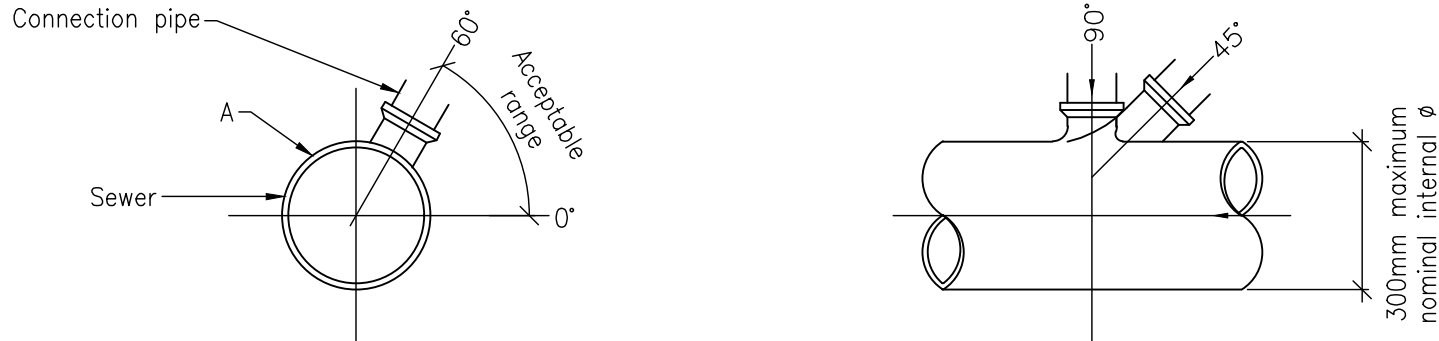
TYPICAL DETAIL OF DRAIN PASSING THROUGH FOUNDATIONS
Scale 1:20



TYPICAL DETAIL OF DRAIN PASSING UNDER FOUNDATIONS
Scale 1:20



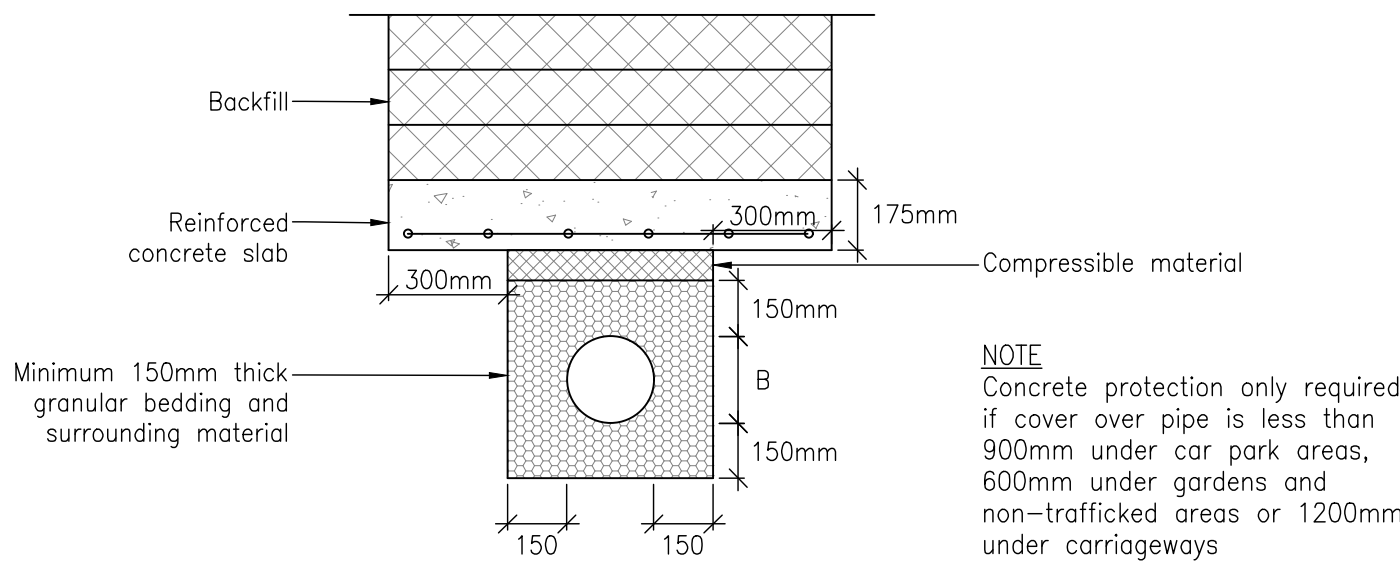
TYPICAL DETAIL OF DRAIN PASSING THROUGH FOUNDATIONS
Scale 1:20



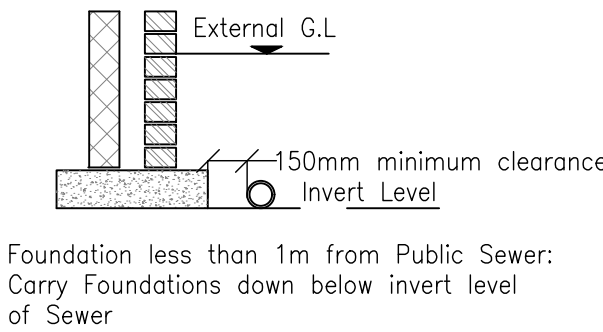
CROSS-SECTIONAL VIEW OF SEWER

PLAN VIEWED IN DIRECTION OF ARROW - A

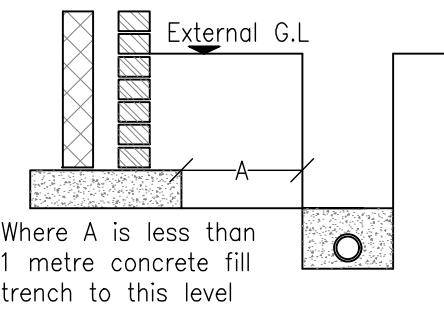
CONNECTIONS TO SEWER



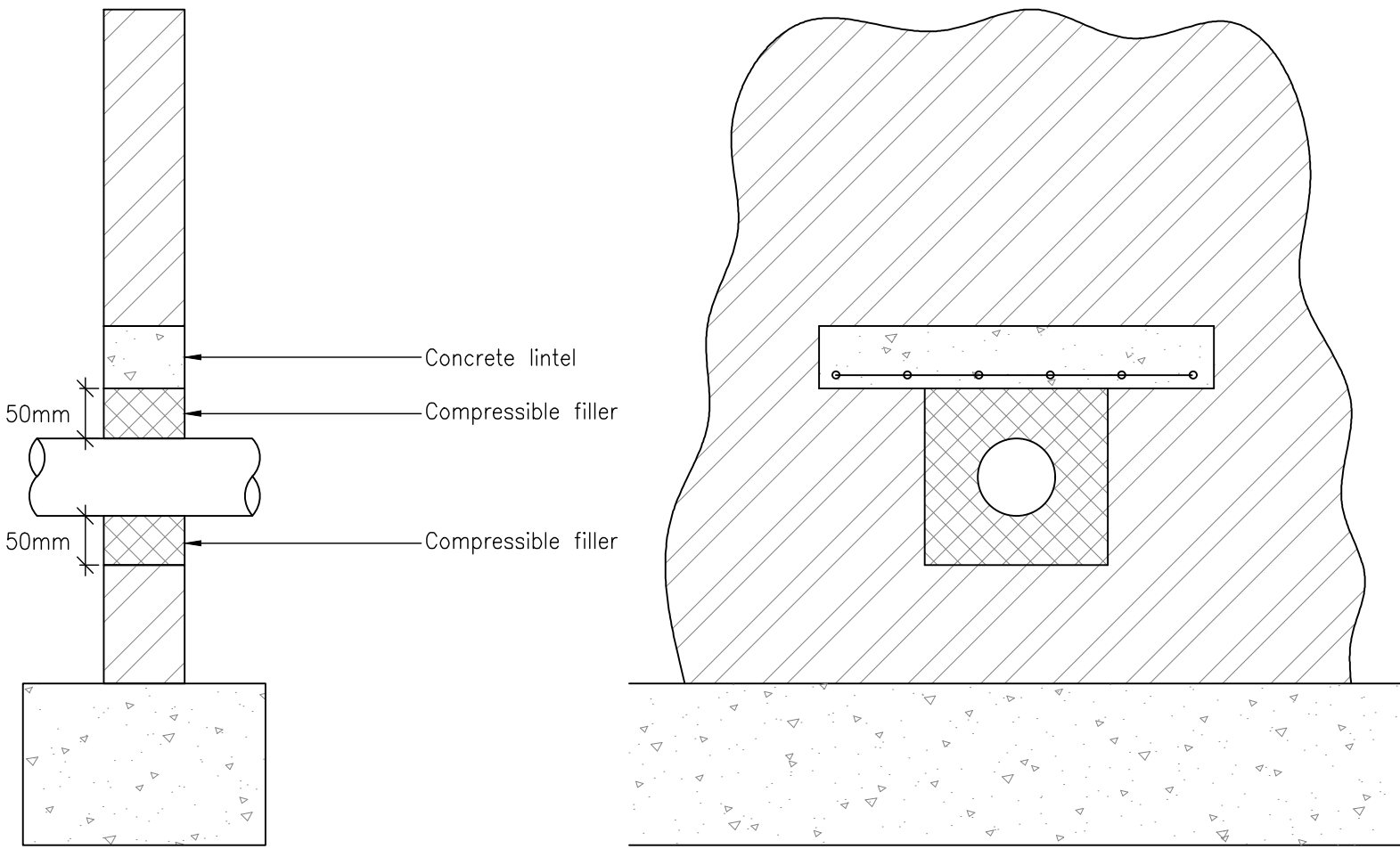
PROTECTION OF PIPES LAID AT SHALLOW DEPTHS



BUILDING WITHIN 3m OF DRAIN
Scale 1:20

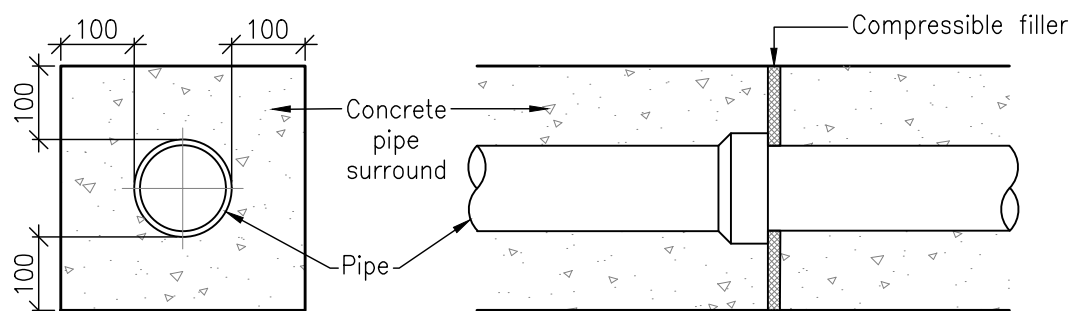


PIPE RUNS NEAR BUILDINGS
Scale 1:20

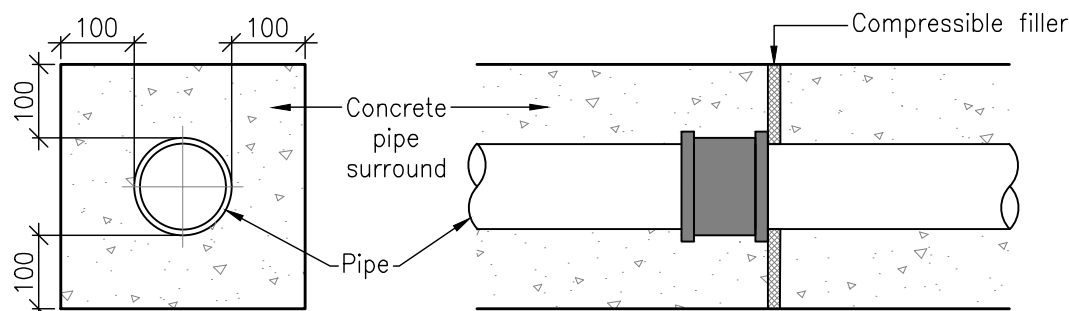


PROTECTION OF PIPES PENETRATING SINGLE LEAF BOUNDARY WALLS

All dimensions are minimum sizes

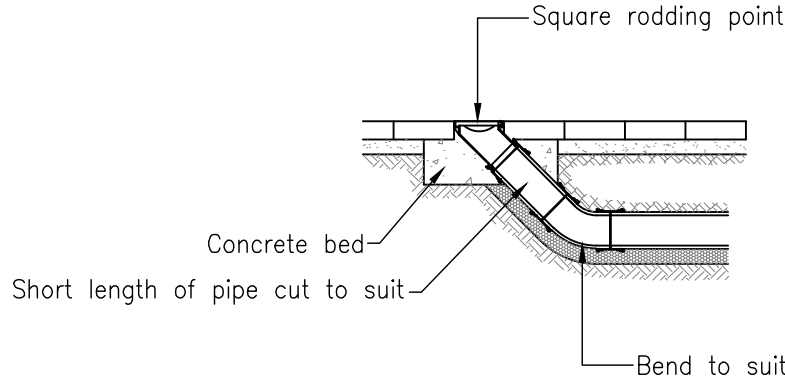


SPIGOT AND SOCKET JOINT

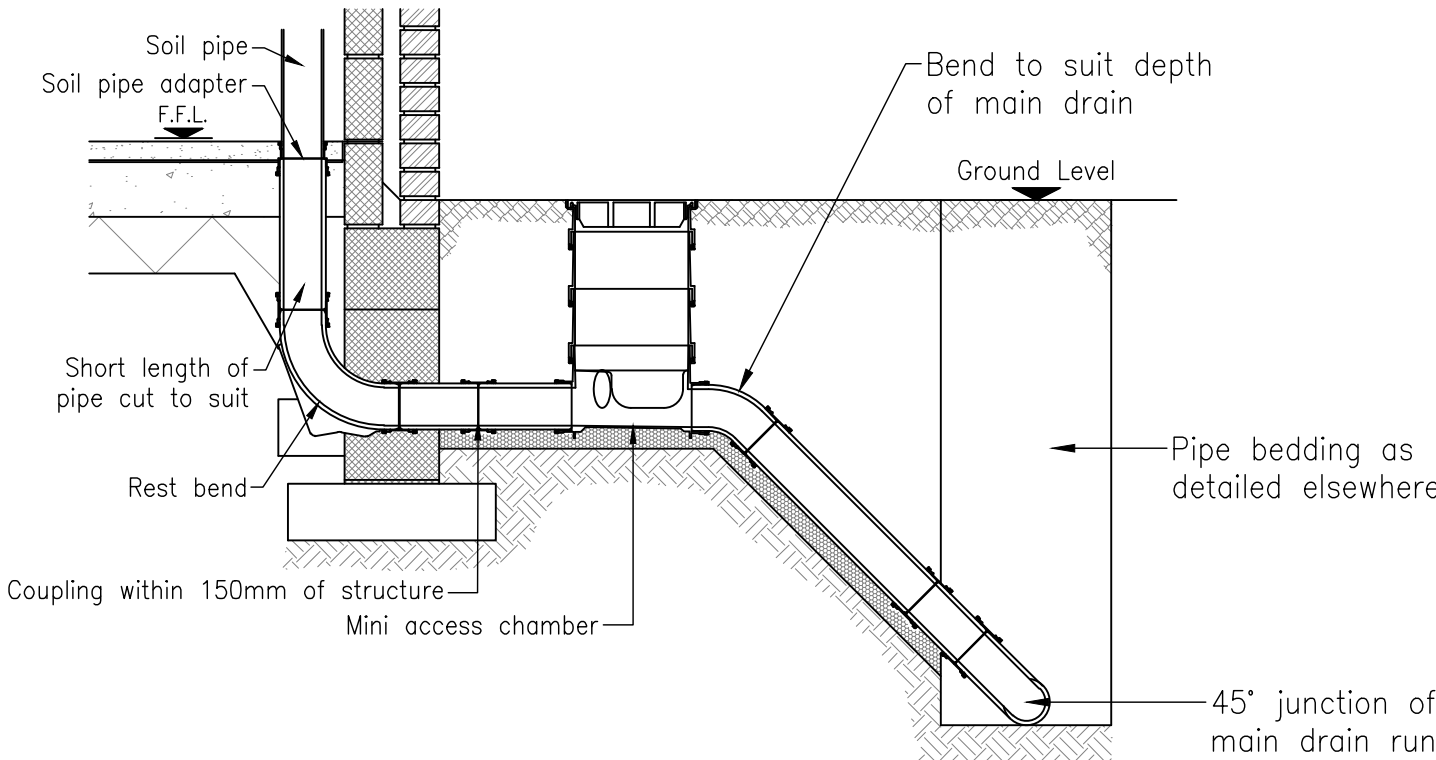


SLEEVE JOINT

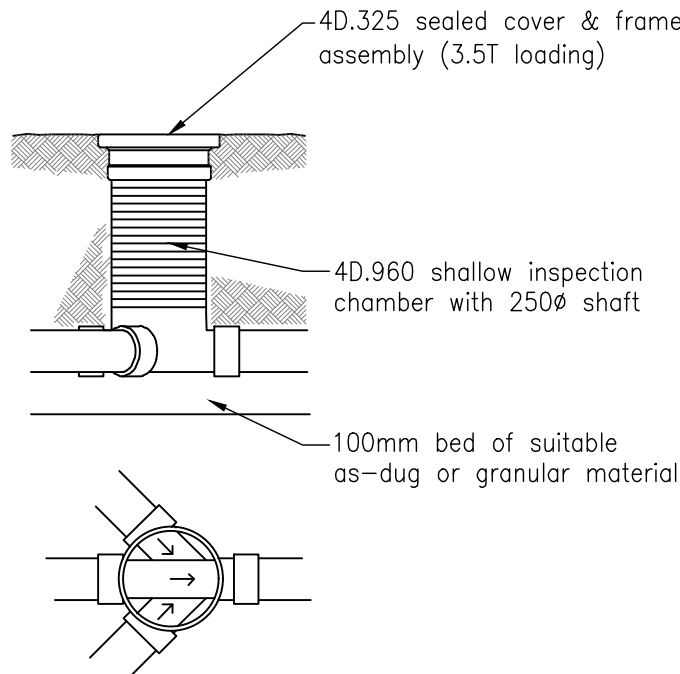
JOINTS FOR CONCRETE ENCASED PIPES



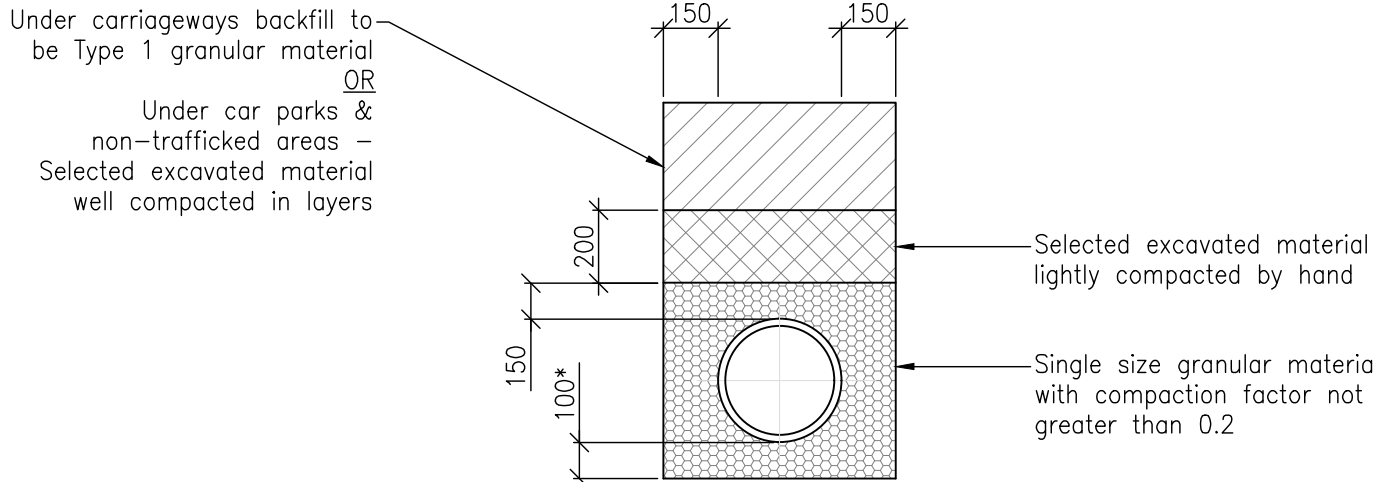
RODDING POINT
Scale 1:20



ACCESS CHAMBER CONNECTION TO MAIN DRAIN



MINI ACCESS CHAMBER (NON-LOADING)



Nominal Pipe Size DN (mm)	Pipe Bedding Requirement Size of Aggregate (mm)
150	14 to 5
225 - 525	20 to 5

* Class 'S' bedding depth to be 1/6 pipe dia in soils that permit an even trench bottom or 100mm, whichever is the greater and with a minimum of 50mm under sockets.

In rock or mixed soils containing rock bands, boulders, large flints or stones or other irregular hard spots that result in an uneven trench bottom bedding depth to be 1/4 pipe dia with 200mm minimum under barrels and sockets.

CLASS S BEDDING
Scale 1:20

NOT FOR CONSTRUCTION

P1First issue16.03.26LM

RefRevisionDateBy

Issue

PRELIMINARY

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Project Title

RATBY SPORTS CLUB,
DESFORD LANE,
RATBY

DrawnLMEngineerLMCheckedBP

Scale at1:20 @ A1DateMAR 2026

Drawing Title

DRAINAGE DETAILS - SHEET 1

Project No.25-22211Drawing No.0-180RevisionP1

BIM Code