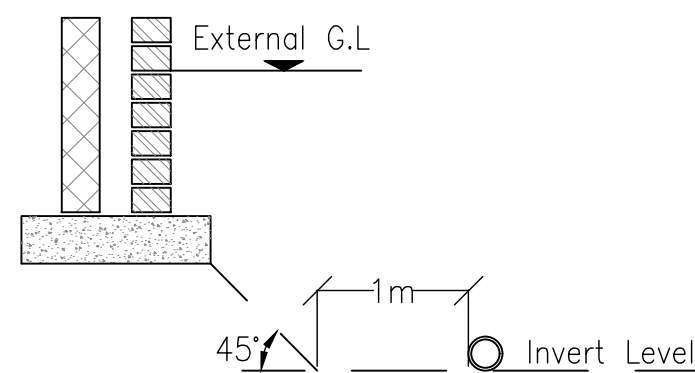
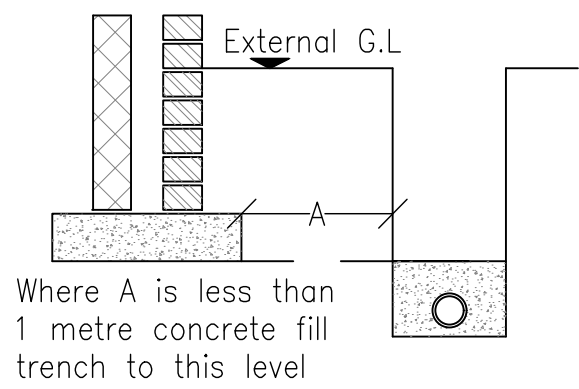


Foundation less than 1m from Public Sewer:
Carry Foundations down below invert level of Sewer

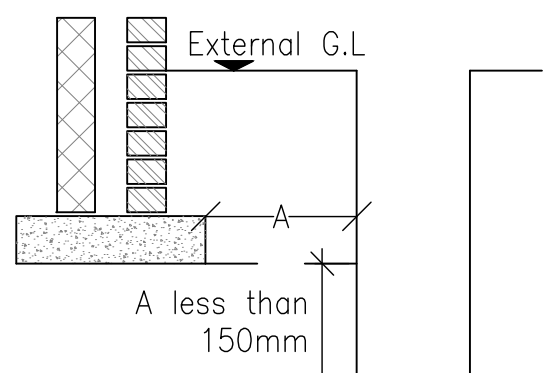


Foundation more than 1m from Public Sewer: Angle of 45 degrees can be taken from a point 1m clear of the Sewer up to the required footing level.

BUILDING WITHIN 3m OF DRAIN
Scale 1:20



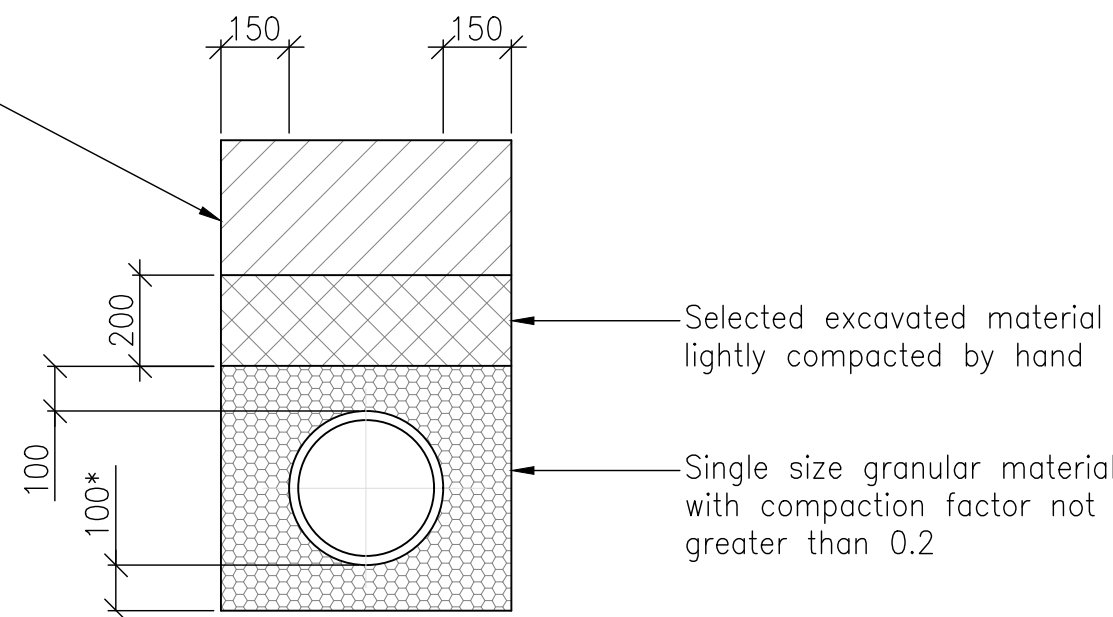
Where A is less than 1 metre concrete fill trench to this level



Where A is 1 metre or more concrete fill trench to this level

PIPE RUNS NEAR BUILDINGS
Scale 1:20

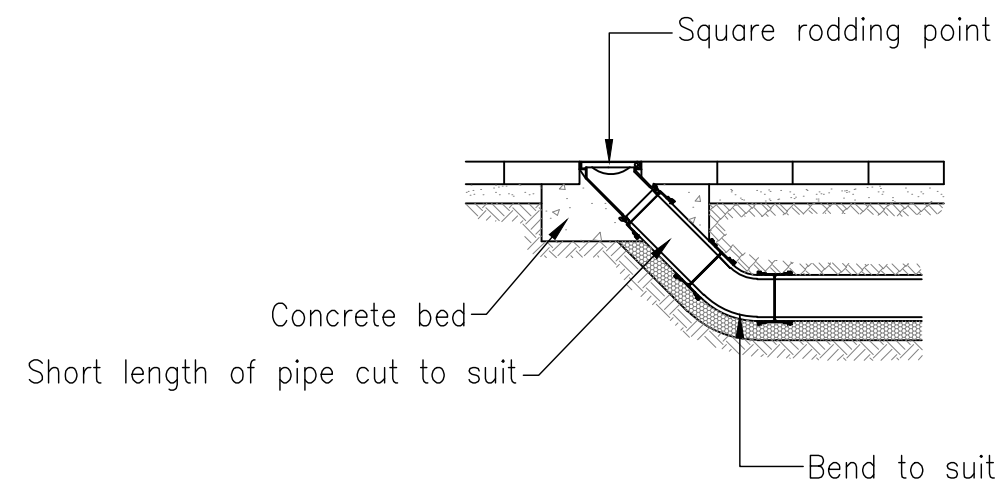
Under carriageways backfill to be Type 1 granular material
OR
Under car parks & non-trafficked areas – Selected excavated material well compacted in layers



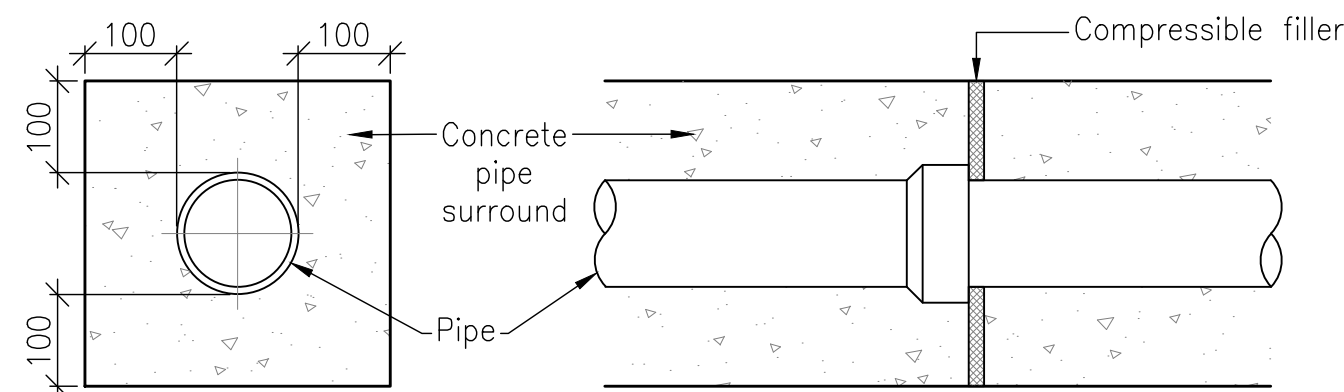
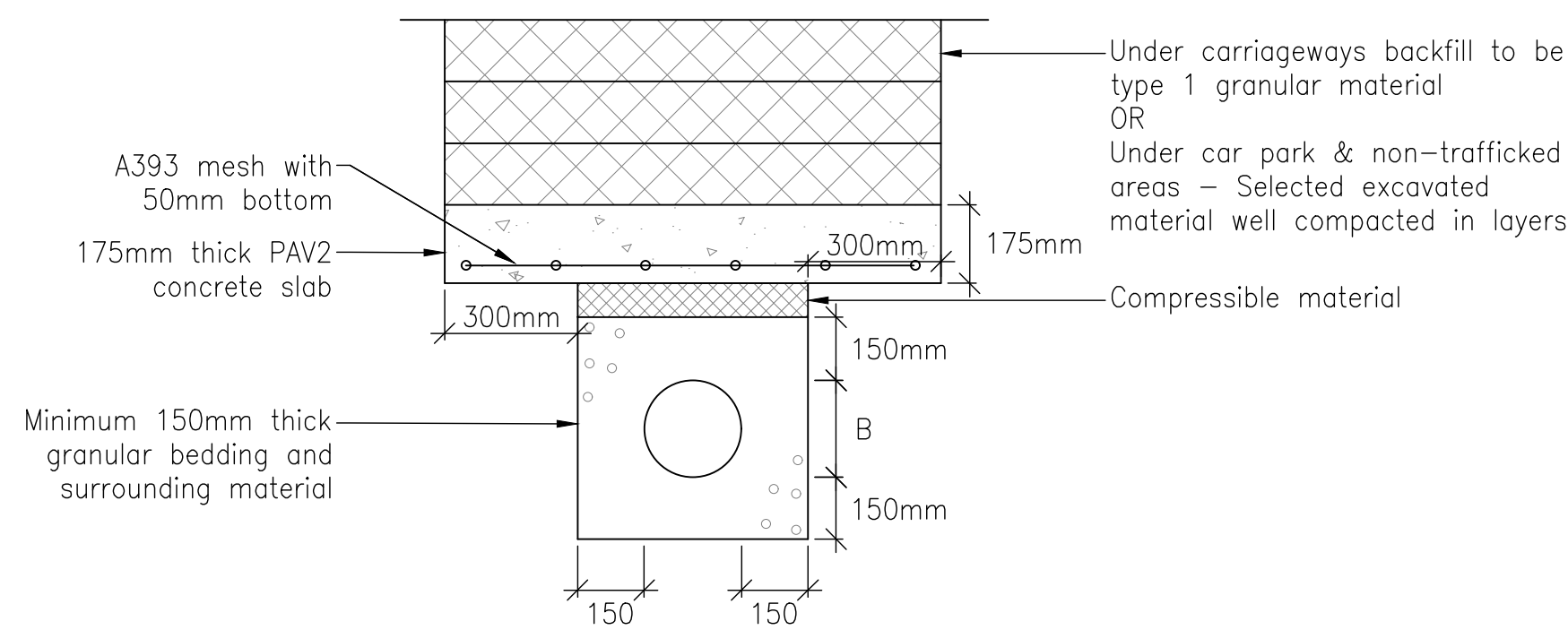
* Class 'S' bedding depth to be 1/6 pipe dia. or 100mm, whichever is the greater.

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

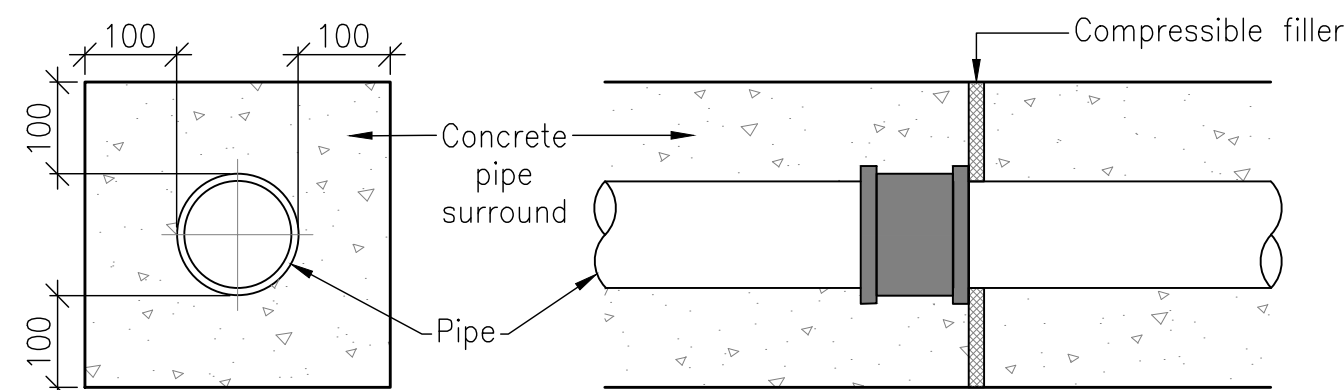
CLASS S BEDDING
Scale 1:20



RODDING POINT
Scale 1:20



SPIGOT AND SOCKET JOINT

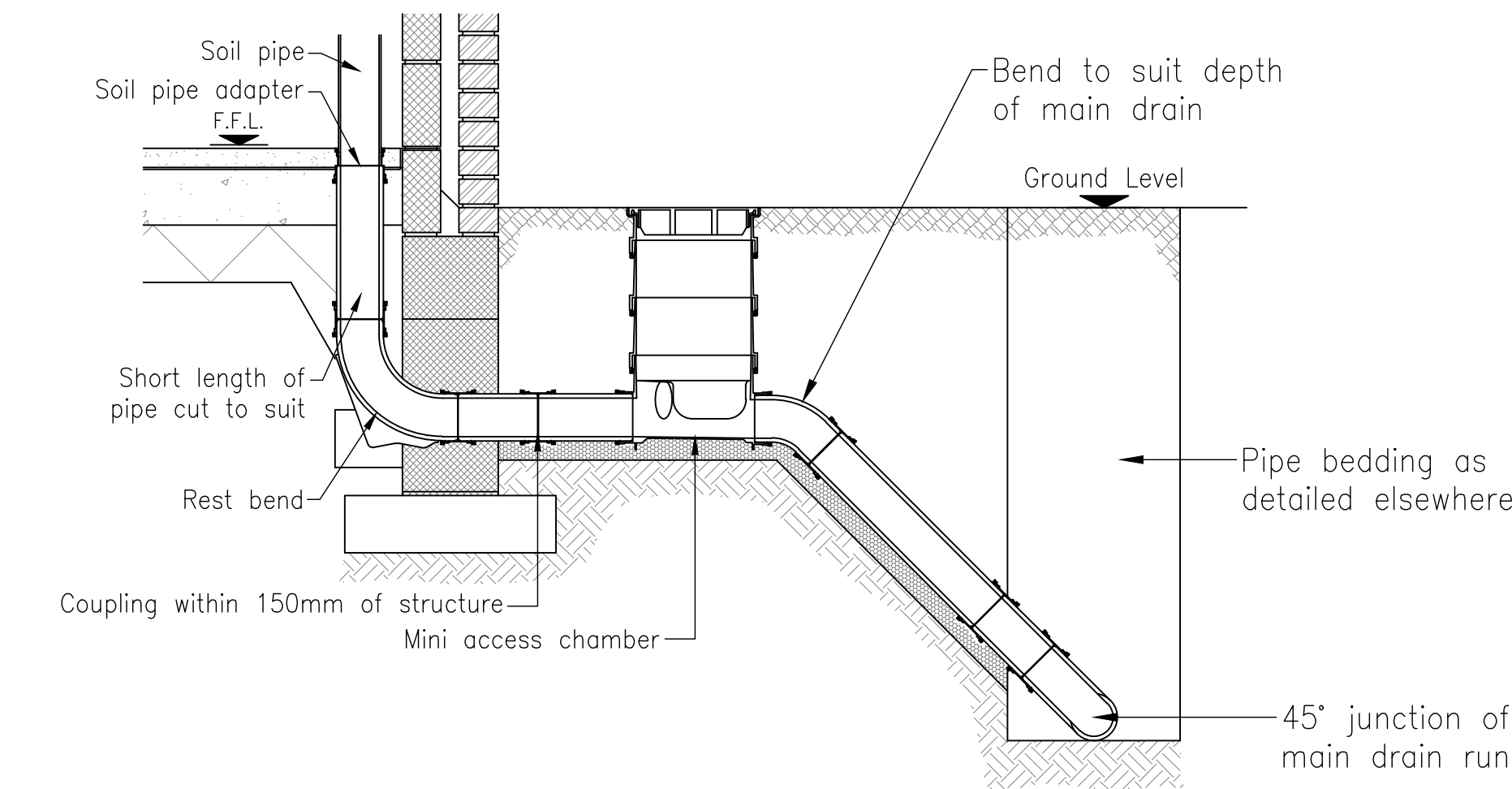


SLEEVE JOINT

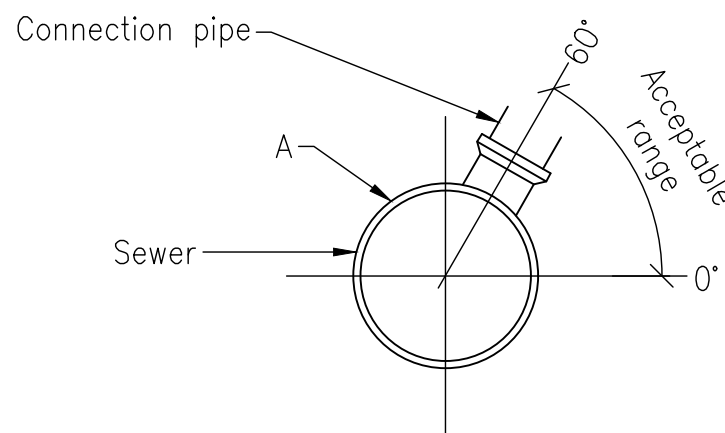
PROTECTION OF PIPES LAID AT SHALLOW DEPTHS

NOTE

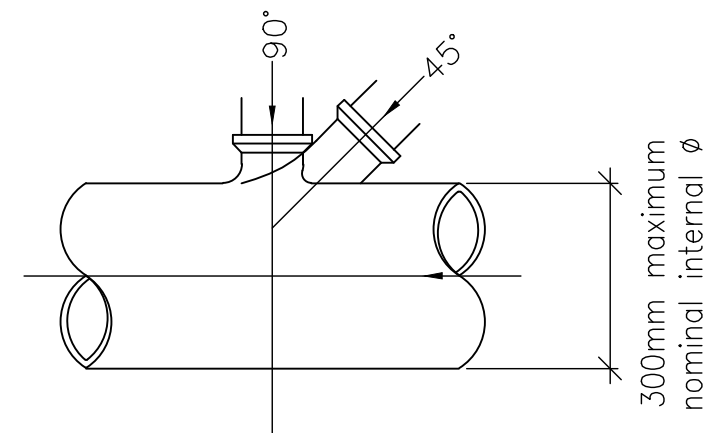
- domestic gardens and pathways without any possibility of vehicular access, 0.35m;
- domestic driveways, parking areas and yards with height restrictions to prevent entry by vehicles with a gross vehicle weight in excess of 7.5 tonnes, 0.5m;
- domestic driveways, parking areas and narrow streets without footways (e.g., mews developments) with limited access for vehicles with a gross vehicle weight in excess of 7.5 tonnes, 0.9m;
- agricultural land and public open space, 0.9m;
- other highways and parking areas with unrestricted access to vehicles with a gross vehicle weight in excess of 7.5 tonnes, 1.5m;



ACCESS CHAMBER CONNECTION TO MAIN DRAIN



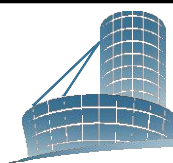
CROSS-SECTIONAL VIEW OF SEWER



PLAN VIEWED IN DIRECTION OF ARROW – A

CONNECTION TO SEWER

NOT FOR CONSTRUCTION

P1	First issue	11.12.24	LM
Ref	Revision	Date	By
Issue			
PRELIMINARY  DWS Consulting Engineers Diamond Wood & Shaw Limited The Old School • Babay Road • Enderby • Leicester • LE19 4AR Tel: 0115 284 8888 • Email: mail@dwsl.co.uk			
Project Title			
WOOD STREET, HINCKLEY			
Drawn	Engineer	Checked	
LM	LM	BP	
Scale at		Date	
1:20 @ A1		DEC 2024	
Drawing Title			
DRAINAGE DETAILS - SHEET 2			
Project No.		Drawing No.	Revision
24-21614		0-181	P1
BIM Code			