

The diagram illustrates a trench cross-section with the following layers from top to bottom:

- TRENCH BACKFILL:** The top layer, indicated by a pattern of small circles.
- TYPE 3 FILL, LIGHTLY COMPACTED BY HAND:** The second layer, indicated by a diagonal hatching pattern.
- TYPE 3 FILL, CAREFULLY COMPACTED:** The third layer, also indicated by a diagonal hatching pattern.
- GRANULAR MATERIAL TYPE 3 WELL COMPACTED:** The fourth layer, indicated by a pattern of larger circles.
- TEMPORARY DRAIN TO JUMP IF REQUIRED:** The bottom layer, represented by a circular structure with a central vertical pipe.

Diagram illustrating the protection of pipes laid at shallow depths (minimum sizes). The diagram shows a cross-section of the ground with a steel reinforced concrete slab at the top. Below the slab, there is a layer of compressible material. The pipe is surrounded by minimum granular fill between the pipe and the compressible material. The pipe is also surrounded by granular fill. The minimum bearing is shown onto the original ground. A dimension of 200 is indicated for the minimum bearing.

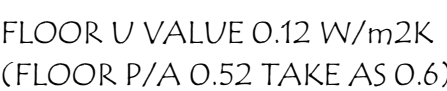
Labels in the diagram:


- BACKFILL
- STEEL REINFORCED CONCRETE SLAB
- COMPRESSIBLE MATERIAL
- MINIMUM GRANULAR FILL BETWEEN PIPE AND COMPRESSIBLE MATERIAL
- GRANULAR FILL
- MINIMUM BEARING ONTO ORIGINAL GROUND
- 200

PROTECTION FOR PIPES LAID AT SHALLOW DEPTHS (MINIMUM SIZES)



PIPE DIAMETER	MIN. TRENCH WIDTH
100	450
150	500
225	600
300	600



Revision			
			
Project			
TWO STOREY EXTENSION TO 5, OLD TURNPIKE ROAD, CROYLIE			
Client			
MR & MRS McKEEVER			
Drawing Title			
SECTION AA & DETAILS A-D & DRAINAGE DETAILS			
Scale	Date		
1:50 @ A1 (SECTION)	1:20 @ A1 (DRAINAGE)		27/05/2021
1:10 @ A1 (DETAILS)			
Drawing No.		Revision	
p2021_015/ 04			

All dimensions to be checked and verified on site.
Drawings to be read in conjunction with structural engineers/specialists
drawings & calculations where applicable.
Drawings are not to be copied without the written consent of Insideout
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Please note:
It is the responsibility of the Client to ascertain whether the Party Wall Act 1996 requires action on this project. Information can be found from the Department for Communities and Local Government at <http://www.communities.gov.uk>
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