

Pipe Bedding and Constructional Details scale 1:10

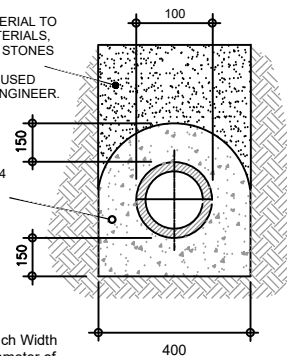
CONCRETE SURROUND (CLASS Z)

TO BE USED WHERE COVER TO CROWN OF PIPE IS LESS THAN 1200mm IN VEHICULAR AREAS OR LESS THAN 900mm ELSEWHERE.

SELECTED EXCAVATED MATERIAL TO BE FREE FROM FROZEN MATERIALS, NON-ORGANIC MATTER AND STONES GREATER THAN 40mm. CLASS 6F1 MATERIAL TO BE USED WHERE DIRECTED BY THE ENGINEER.

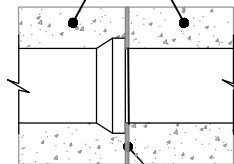
PLAIN CONCRETE CLASS ST4 TO BE SEPARATED AT EACH JOINT WITH AN APPROVED COMPRESSIBLE MATERIAL.

Minimum Trench Width to be Pipe Diameter of 100mm plus 300mm.



PIPE SURROUND EXPANSION JOINT DETAIL (TO BE USED IN CONJUNCTION WITH CLASS Z)

PLAIN CONCRETE CLASS ST4 TO BE SEPARATED AT EVERY JOINT WITH AN APPROVED COMPRESSIBLE MATERIAL.



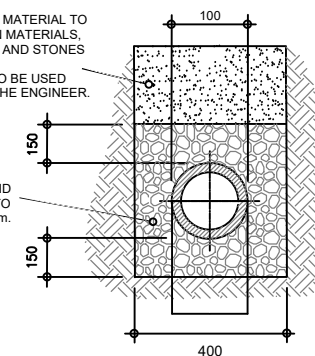
APPROVED 18mm THICK COMPRESSIBLE BOARD TO BE USED AT EVERY PIPE JOINT.

GRANULAR SURROUND (CLASS S)

TO BE USED WHERE COVER TO CROWN OF PIPE IS GREATER THAN 1200mm IN VEHICULAR AREAS OR GREATER THAN 900mm ELSEWHERE.

SELECTED EXCAVATED MATERIAL TO BE FREE FROM FROZEN MATERIALS, NON-ORGANIC MATTER AND STONES GREATER THAN 40mm. CLASS 6F1 MATERIAL TO BE USED WHERE DIRECTED BY THE ENGINEER.

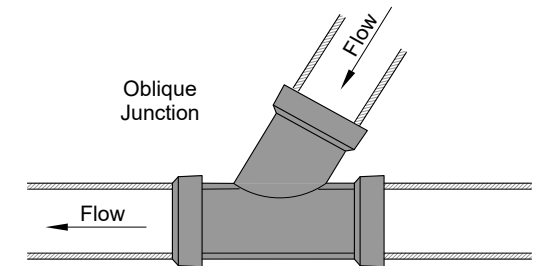
FOR 100mm PIPES THE GRANULAR BEDDING AND SURROUND MATERIAL TO BE OF SINGLE SIZE 10mm.



Minimum Trench Width to be Pipe Diameter of 100mm plus 300mm.

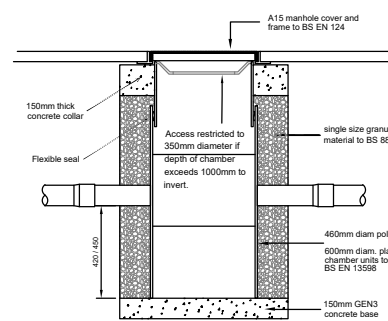
Connection to Same Size Diameter Pipe

Scale 1:10



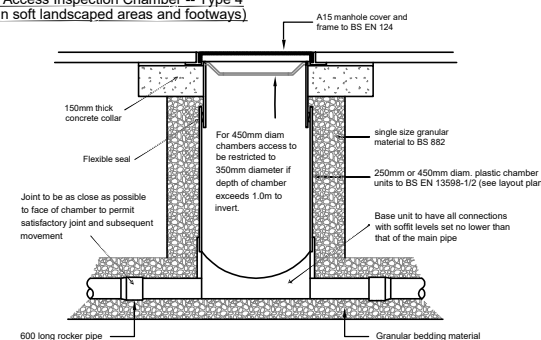
Connections of pipes of the same diameter must be made using preformed junctions at greater than 90 deg to the main flow.

Connections between new pipes shall be made using preformed junctions. Saddles are not permitted to connect new pipelines.



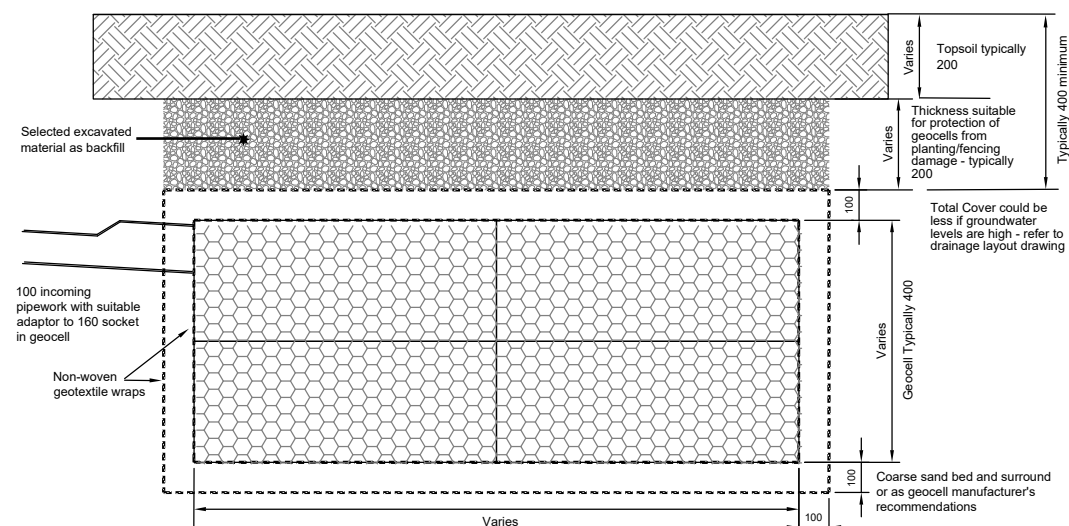
Typical Silt Trap Inspection Chamber (for use in soft landscaped areas and footways)

Typical Access Inspection Chamber -- Type 4 (for use in soft landscaped areas and footways)



Surface Water Chamber & Soakaway Constructional Details scale 1:25

Typical Geocellular soakaway Unit (for use in soft landscaped areas)



Soakaway Level and Depth Details

Soakaway Detail	Soakaway Level Data	
Soakaway ID	S/A#1 (rear)	S/A#2 (front)
Ground Level	4.970	4.665
Soffit Level	4.470	4.265
Pipe Invert Level	4.306	4.165
Base Level	4.070	3.865
Structure Depth	400mm	400mm
All Levels to AOD unless specified		

Mate GeoTechnic Services

02	Final	RC	02-04-22
01	Original	RC	05-03-22
Rev.	Description	Drn.	Date

Project Proposed :-
Two Storey Rear Extension
and Other Works.
"Briarfield" Ancton Lane
Middleton-on-Sea
PO22 6NL

Client Mr David Cook &
Ms Charlotte Carter
Drawing Title Constructional Details

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Scale As Shown Drawing Original A3

Drawing Number MGS -- M/141/21 -- rev02