

Pipe Bedding Constructional Details scale 1:20

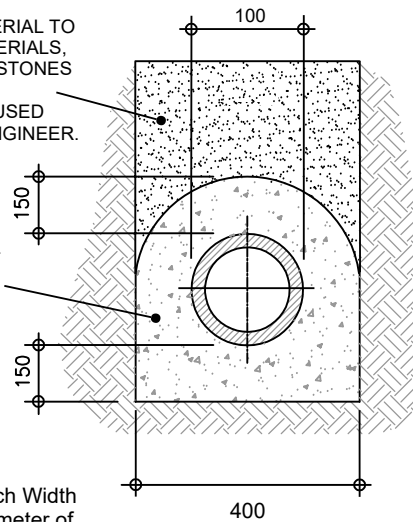
CONCRETE SURROUND (CLASS Z)

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.

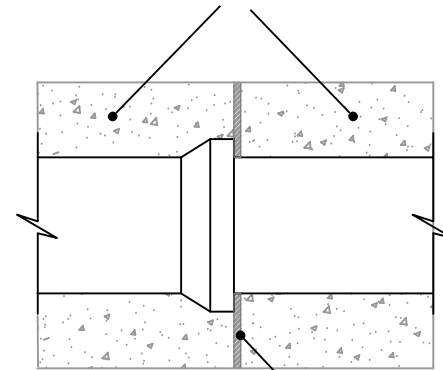
Minimum Trench Width
to be Pipe Diameter of
100mm plus 300mm.



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.



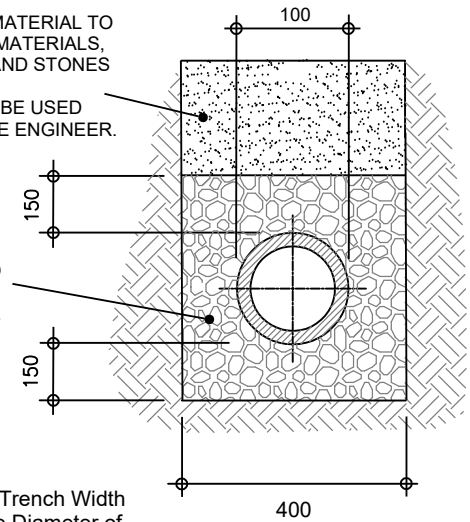
GRANULAR SURROUND (CLASS S)

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

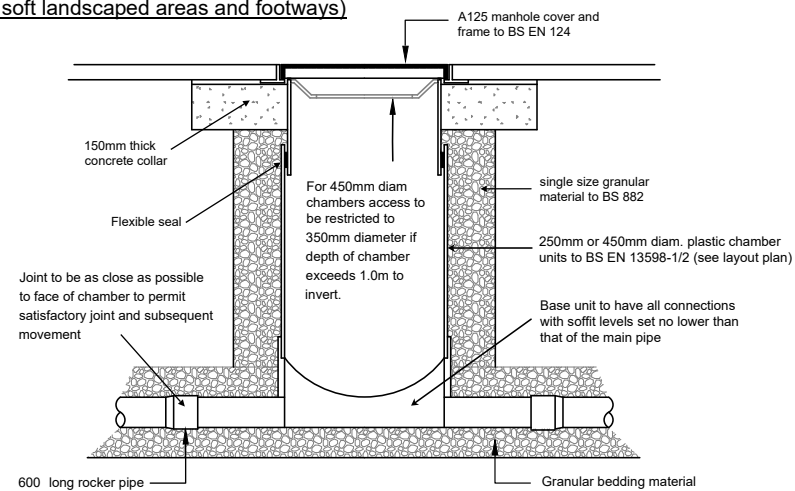
SELECTED EXCAVATED MATERIAL TO
BE FREE FROM FROZEN MATERIALS,
NON-ORGANIC MATTER AND STONES
GREATER THAN 40mm.
CLASS 6F1 MATERIAL TO BE USED
WHERE DIRECTED BY THE ENGINEER.

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

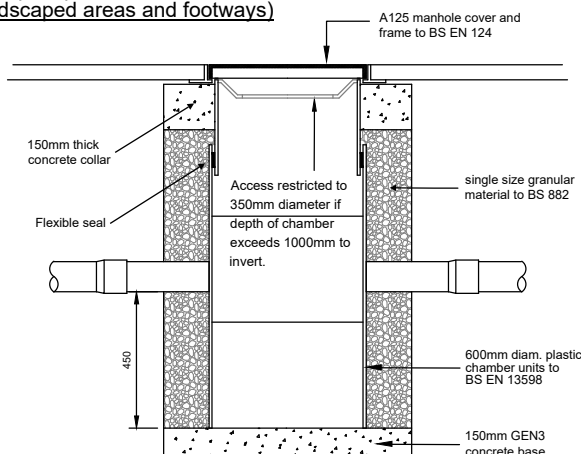
Minimum Trench Width
to be Pipe Diameter of
100mm plus 300mm.



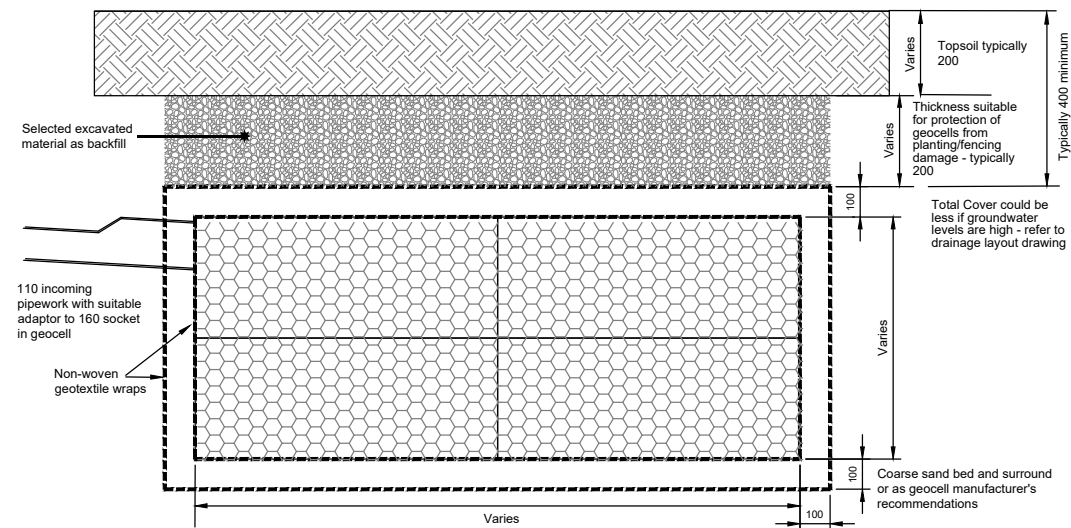
Typical Access Inspection Chamber -- Type 4
(for use in soft landscaped areas and footways)



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



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



Mate GeoTechnic Services

03	Update Constructional Drawings	RC	14-6-20
02	Final	RC	14-5-20
01	Original	RC	16-4-20
Rev.	Description	Drn.	Date

Project

Proposed Side Extension (west)
Cox's Farm
Lake Lane
Barnham PO22 0AJ

Client **Mr P. Bradley-Smith**

Drawing Title	Constructional Details
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Scale	As Shown	Drawing Original	A3
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Drawing
Number

MGS - BN/23/19 -- Constr

Surface Water Chamber & Soakaway Constructional Details scale 1:25