

Surface Water Chamber & Soakaway  
Constructional Details scale 1:25

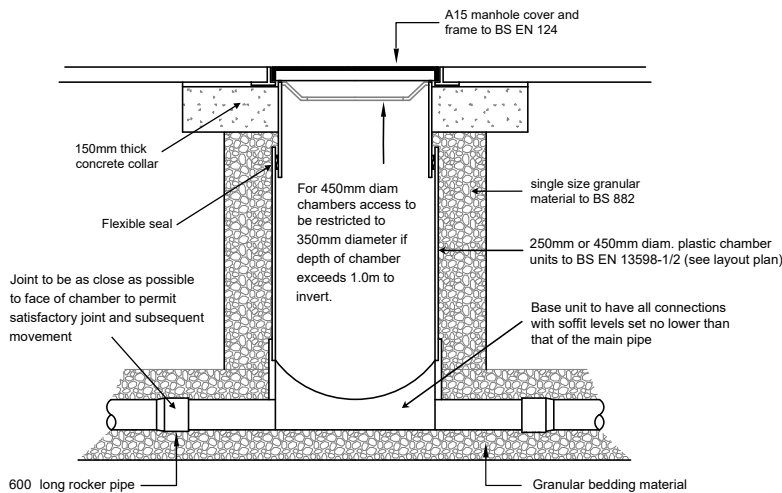
Soakaway Level & Depth Details

| Soakaway Levels   | Soakaway Identifier |
|-------------------|---------------------|
| Soakaway ID       | S/A#1               |
| Cover Level       | 14.823              |
| Soffit Level      | 14.023              |
| Pipe Invert Level | 13.823              |
| Base Level        | 13.223              |

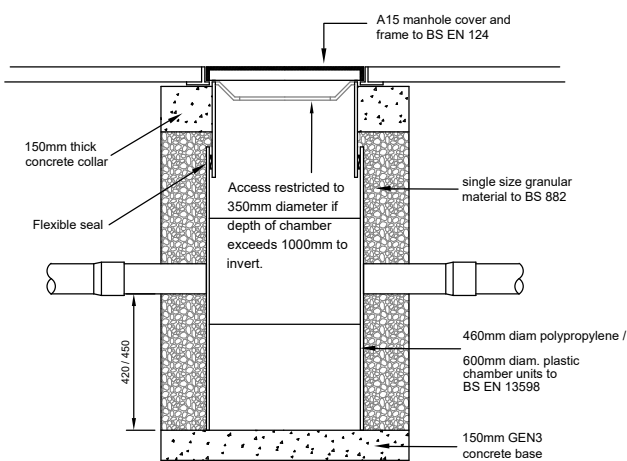
Structure Depth 800mm

All levels to AOD unless specified

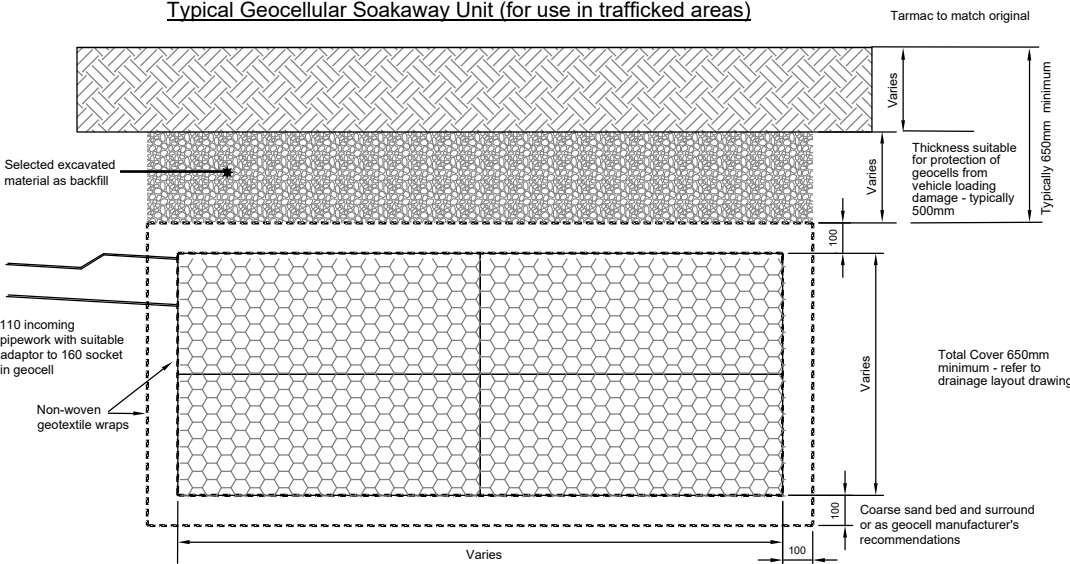
Typical Access Inspection Chamber -- Type 4  
(for use in soft landscaped areas and footways)



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



Typical Geocellular Soakaway Unit (for use in trafficked areas)



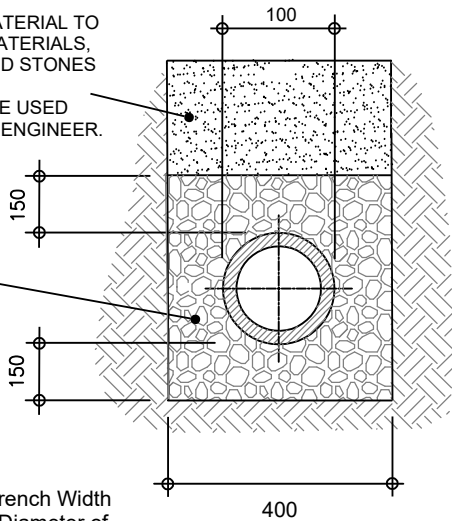
GRANULAR SURROUND (CLASS S)

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.

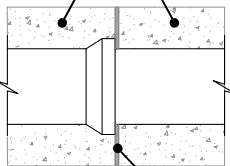
FOR 100mm PIPES THE  
GRANULAR BEDDING AND  
SURROUND MATERIAL TO  
BE OF SINGLE SIZE 10mm.

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



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.

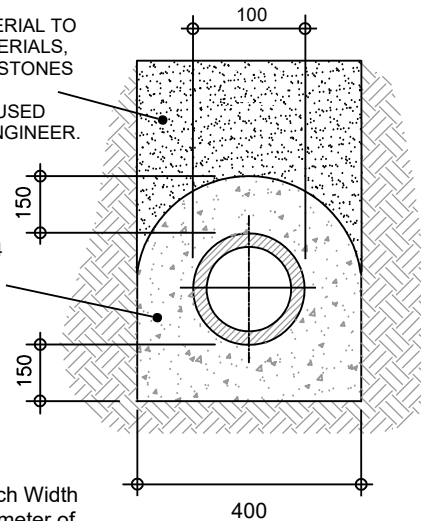
CONCRETE SURROUND (CLASS Z)

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.



Mate GeoTechnic Services

| Rev | Description             | Drn. | Date     |
|-----|-------------------------|------|----------|
| 02  | Revised Garage Position | RC   | 18-06-21 |
| 01  | Original                | RC   | 29-05-21 |

Project  
Proposed New Detached Garage  
#8 Collins Close  
Eastergate  
Chichester  
PO20 3JT

Client  
Mr Turner  
Drawing Title  
Constructional Details

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Scale  
As Shown  
Drawing Original  
A3

Drawing Number  
MGS -- BN/16/21-rev02

Pipe Bedding Constructional Details scale 1:10