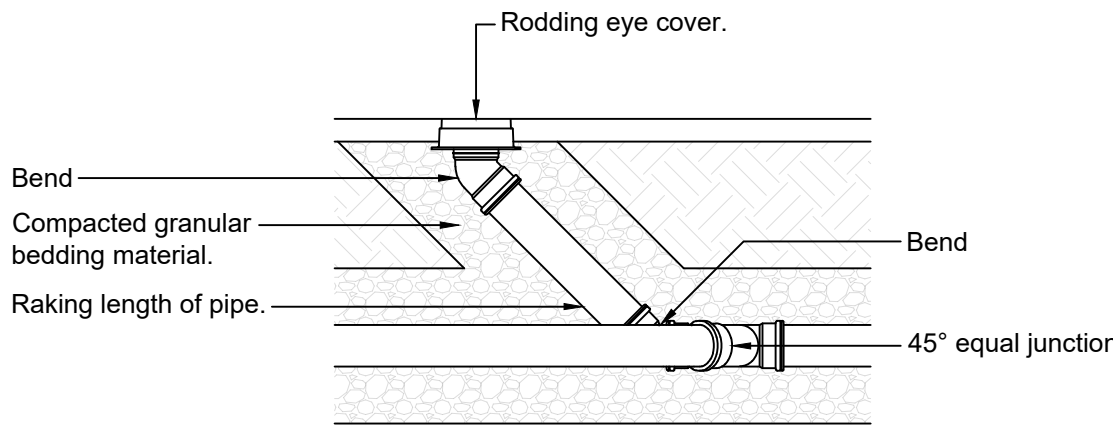
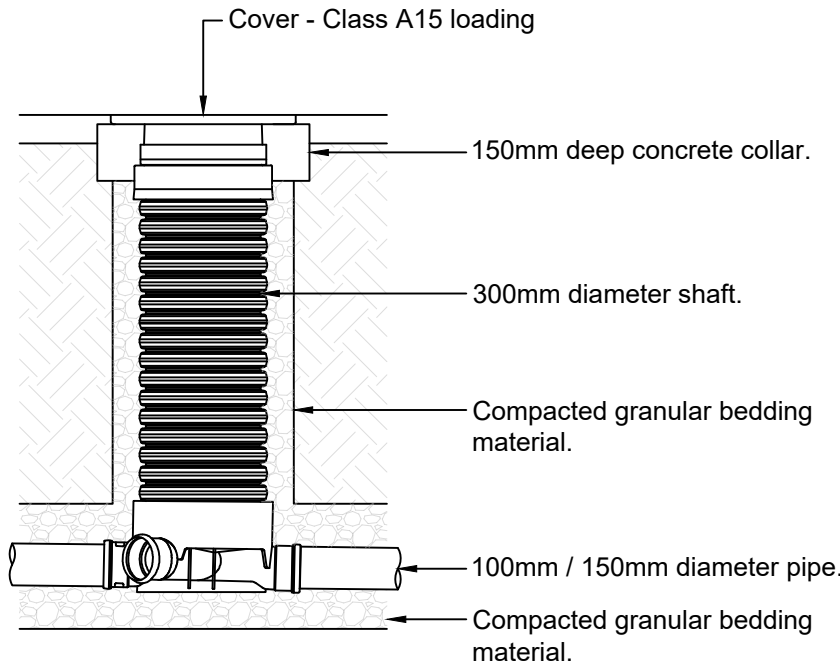


General Notes

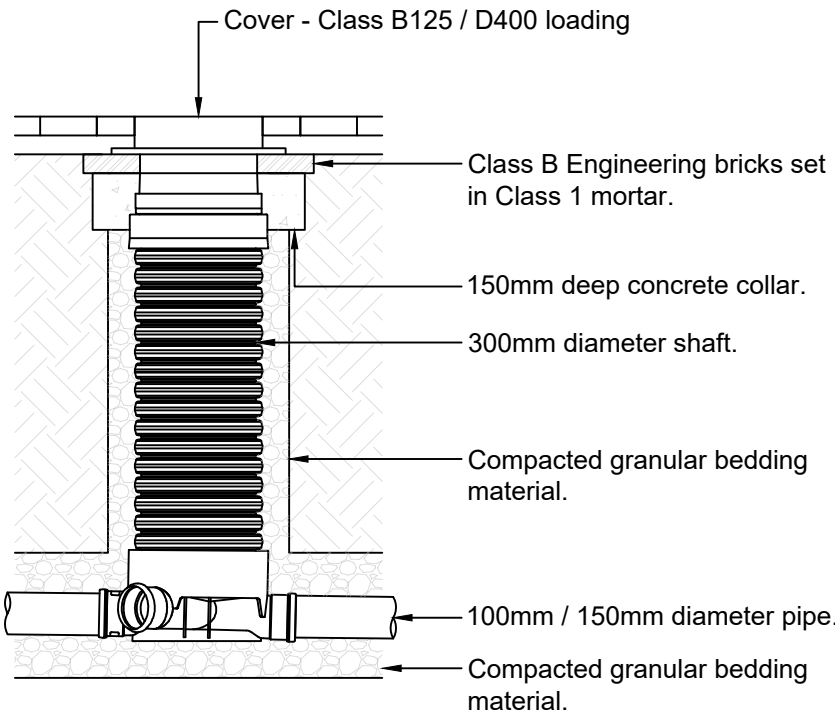
1. Do not scale this drawing.
2. All dimensions are in millimeters unless stated otherwise.
3. This drawing is to be read in conjunction with all other relevant drawings & specifications.
4. All proprietary items to be installed in strict compliance with manufacturers instructions and recommendations.
5. No works shall commence on site until approval has been obtained from all relevant Agencies / Authorities.
6. All dimensions referred to in this drawing must be verified.



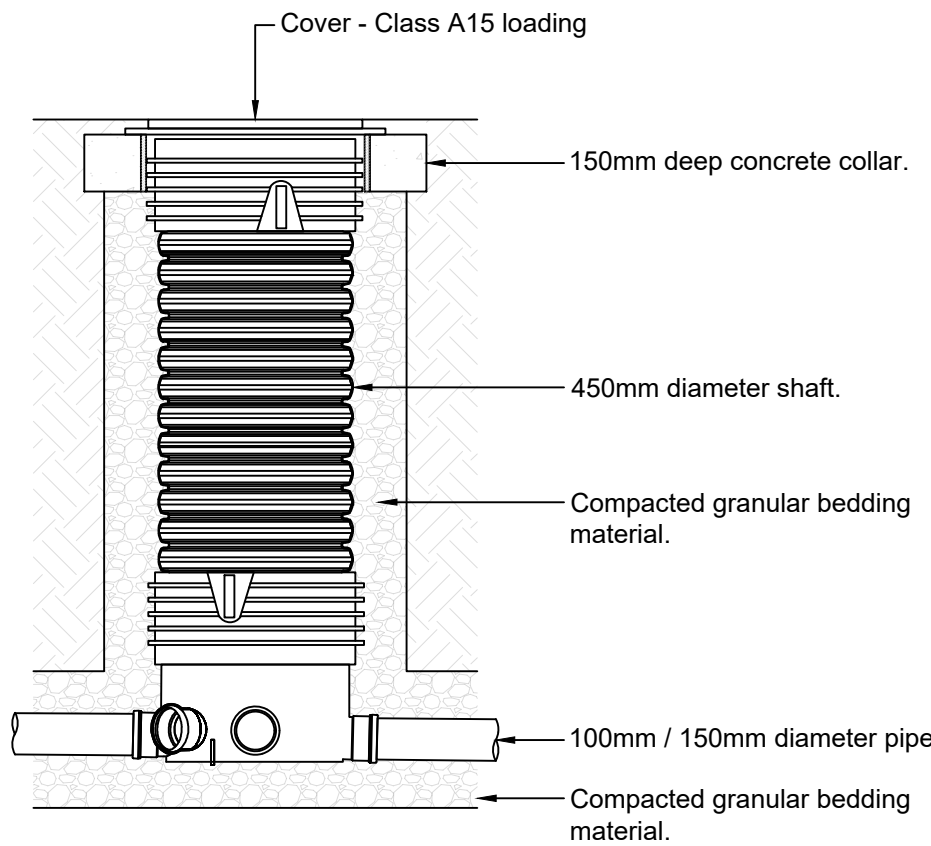
Rodding Eyes
(Scale 1:20)



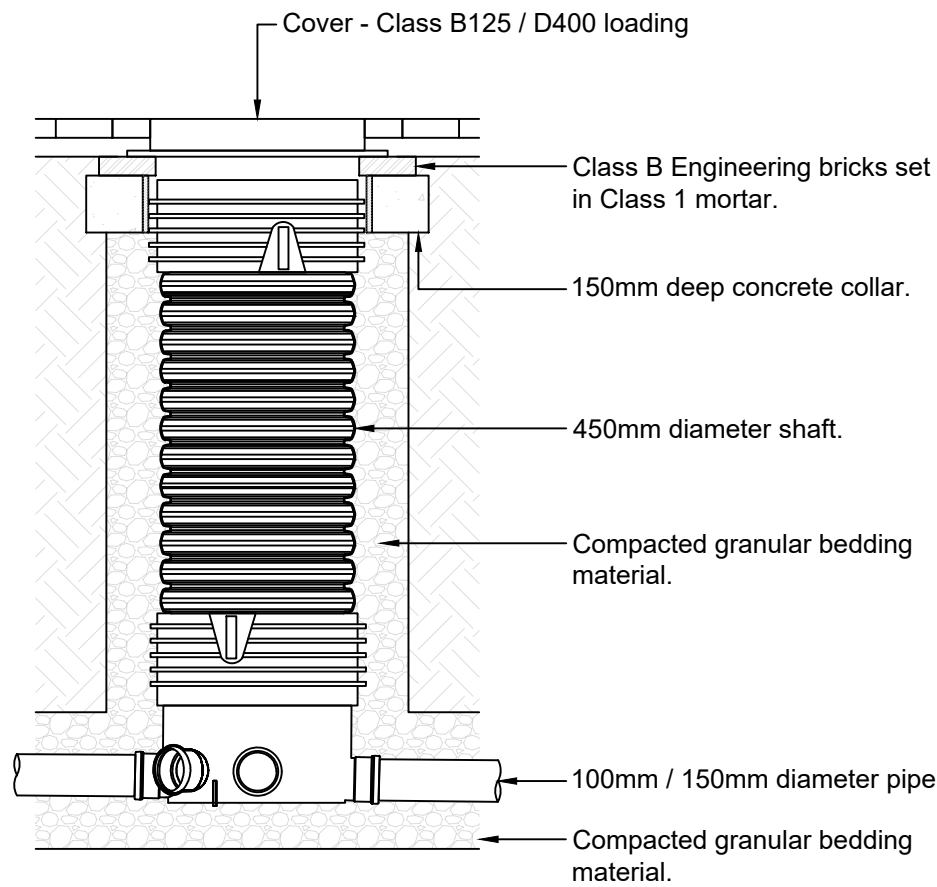
300mm Mini PPIC - A15 Cover
(Scale 1:20)



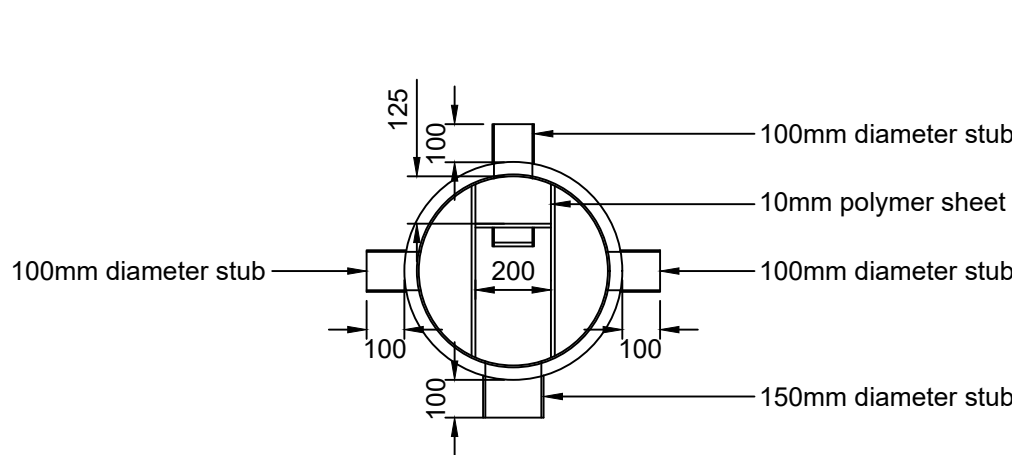
300mm Mini PPIC - B125 / D400 Cover
(Scale 1:20)



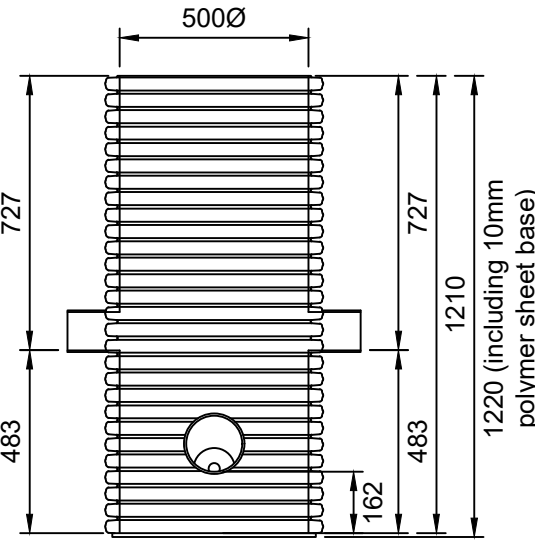
450mm PPIC - A15 Cover
(Scale 1:20)



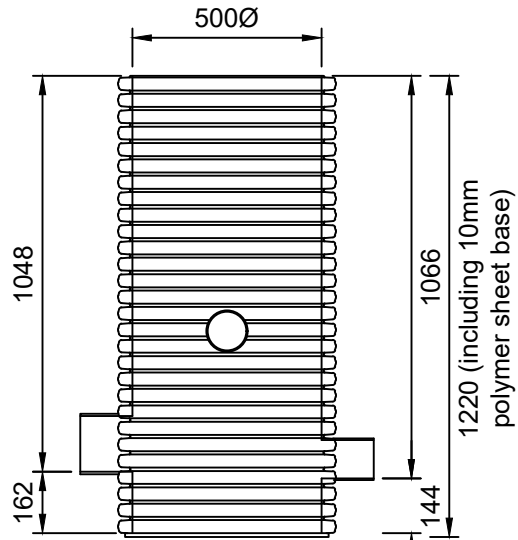
450mm PPIC - B125 / D400 Cover
(Scale 1:20)



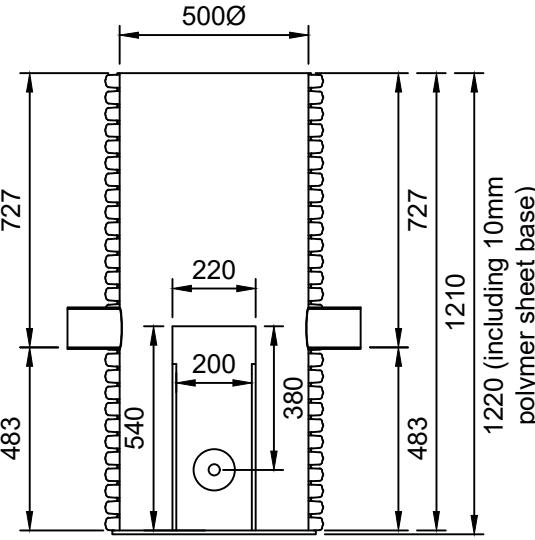
Orifice Flow Control Chamber - Plan
(Scale 1:20)



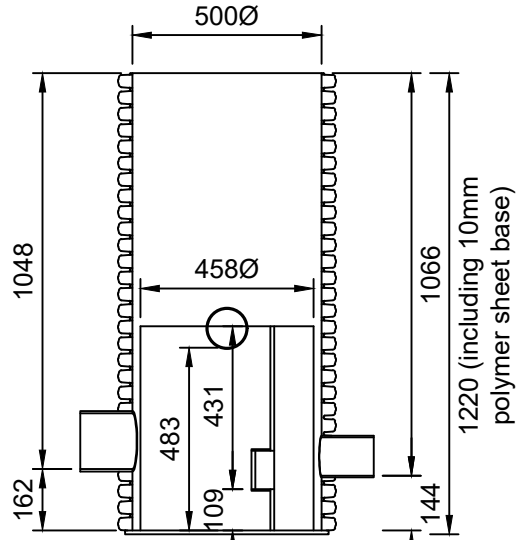
Elevation
(Scale 1:20)



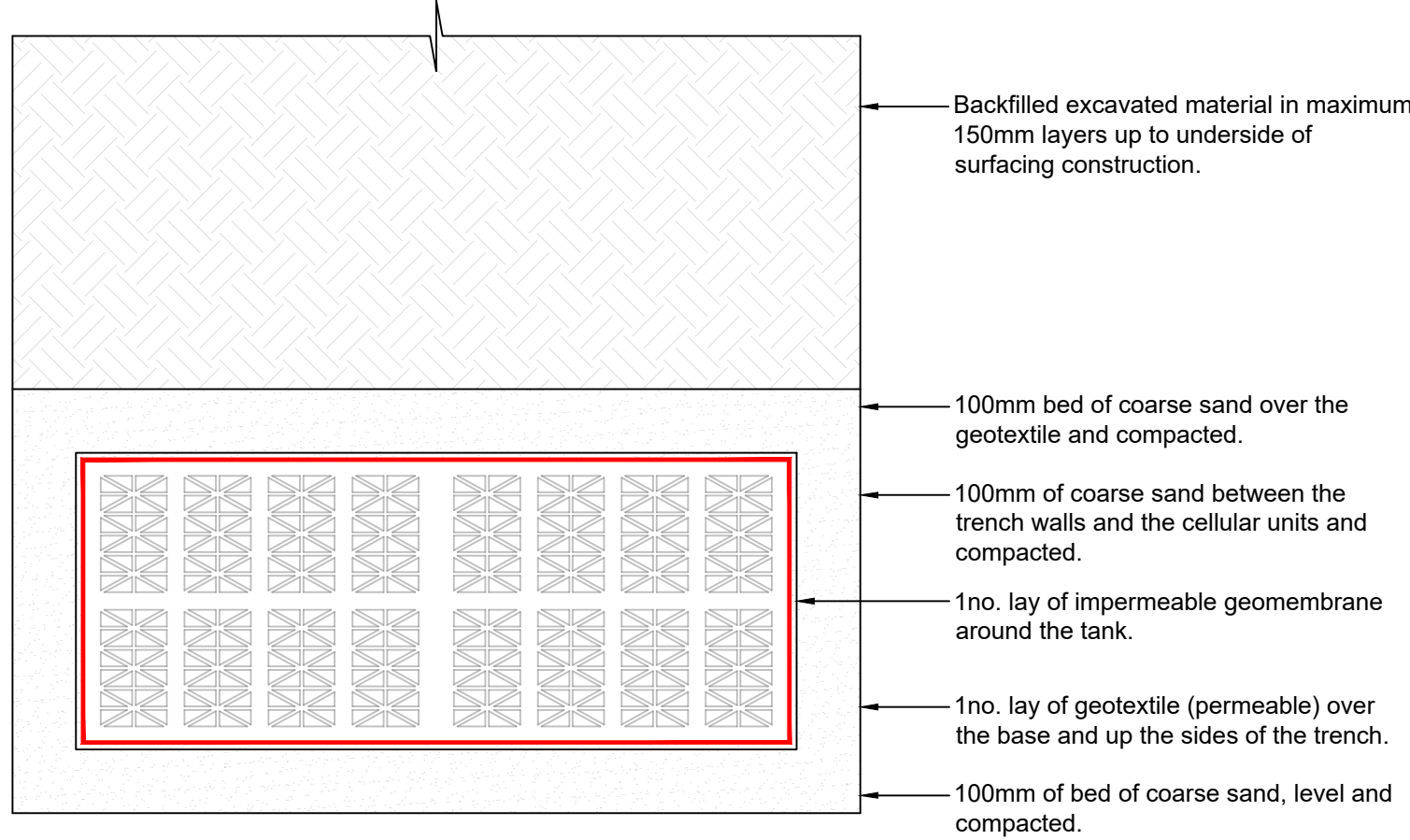
Elevation
(Scale 1:20)



Section A-A
(Scale 1:20)

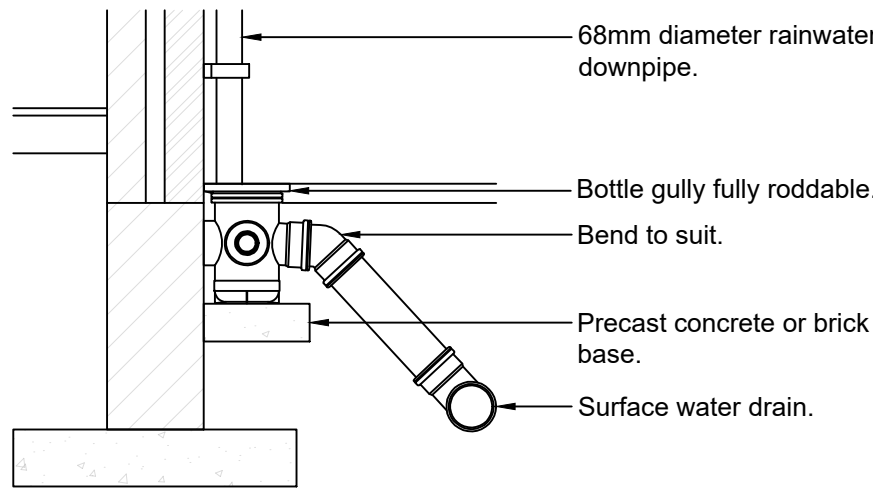


Section B-B
(Scale 1:20)

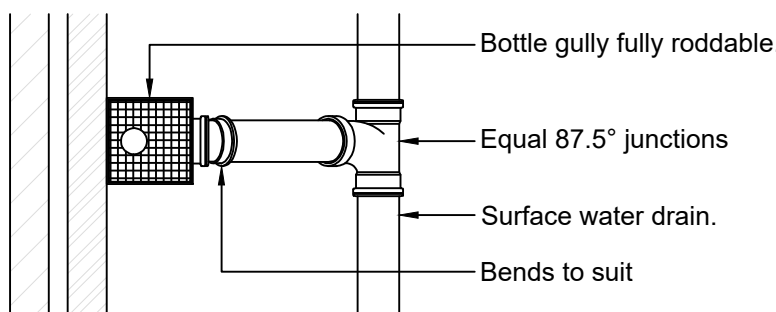


Cellular Crate Attenuation Tank Installation Detail
(Scale 1:10)

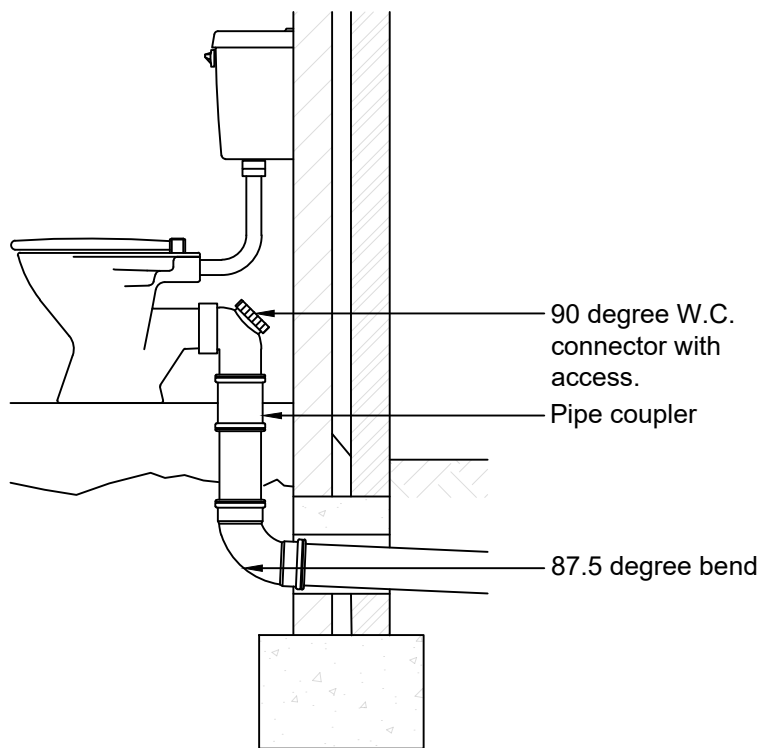
Impermeable Geomembrane		
Physical Properties		
Thickness	Min 0.75 to 1.0mm	ASTM D5199
Density	900kg/m ³	ASTM D1505
Mechanical Properties		
Tensile strength, at yield	Min 1600 N/m ²	ASTM D4885
Elongation at break	>500%	ASTM D4885
Puncture resistance	Min 170N	ASTM D4833
Tear resistance	Min 67N	ASTM D1004 Die C
Impact resistance	Min 15 Joules	ASTM 3998 mod
Stress crack resistance	Min 200 hrs	ASTM D5391 (SP=NCTL)
Permeability coefficient	Max 2.0 x 10 ⁻¹²	ASTM D
pH	Resistant to all naturally occurring soil acids and alkalis	
Chemical/biological resistance	Resistance to all substances found to naturally occur in soils and rainwater. Detailed information would need to be provided to geomembrane manufacturer in instances of contaminated land.	



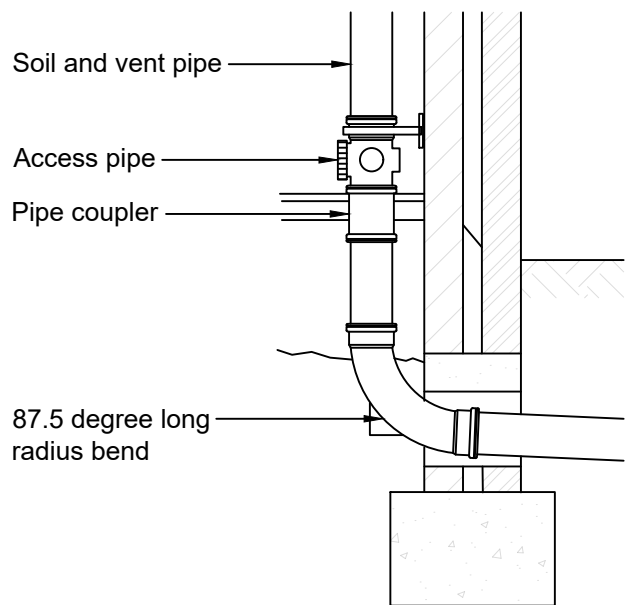
RWP to Bottle Gully - Section
(Scale 1:20)



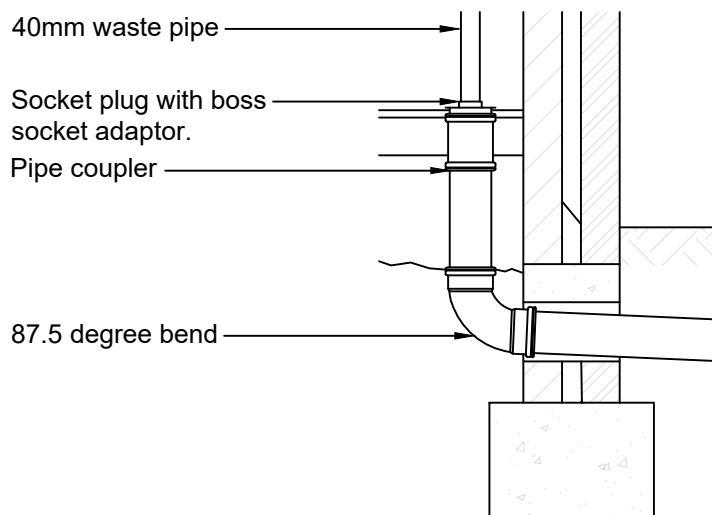
RWP to Bottle Gully - Plan
(Scale 1:20)



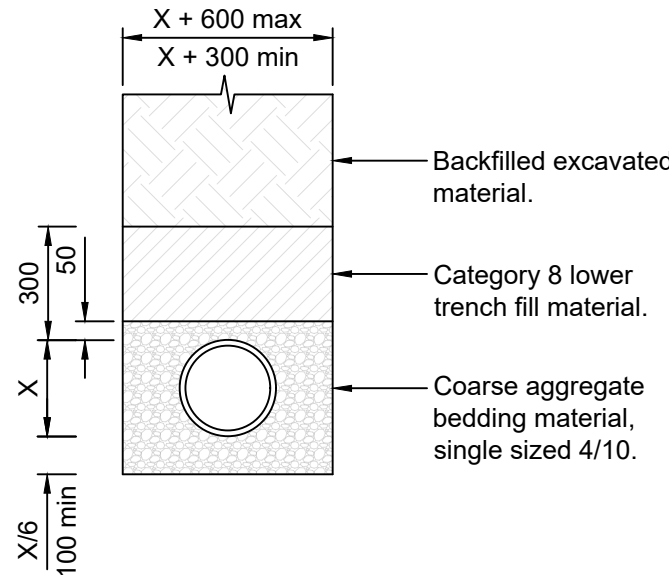
WC Through External Wall
(Scale 1:20)



SVP Through External Wall
(Scale 1:20)

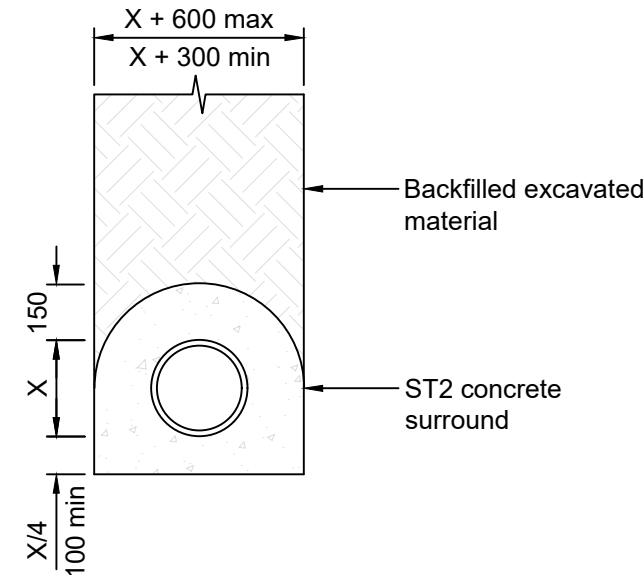


Internal Waste Pipe Through External Wall
(Scale 1:20)



Type S - Bed and Surround
(Scale 1:20)

Surround to be used beneath vehicular loaded areas where cover is greater than 1.200m to soffit.
Surround to be used beneath soft landscaped areas where cover is greater than 0.900m to soffit.



Type Z - Bed and Surround
(Scale 1:20)

Surround to be used beneath vehicular loaded areas where cover is less than 1.200m to soffit.
Surround to be used beneath soft landscaped areas where cover is less than 0.900m to soffit.

P1	First Issue	18.01.2021
Revision	Description	Date

PRELIMINARY



59 Springfield Road, Sheffield, South Yorkshire, S7 2GG
W: www.g30consulting.com
E: enquiries@g30consulting.com
T: 0114 349 2720

Project
Land Adjacent 2 Evelyns Close,
Hillingdon, UB8 3LR

Title
Construction Details

Drawn by SG	Checked by SG	Paper Size A1
Drawing Number 09-0029-001		Revision P1
		Scale As Shown
		Date 18.01.2021