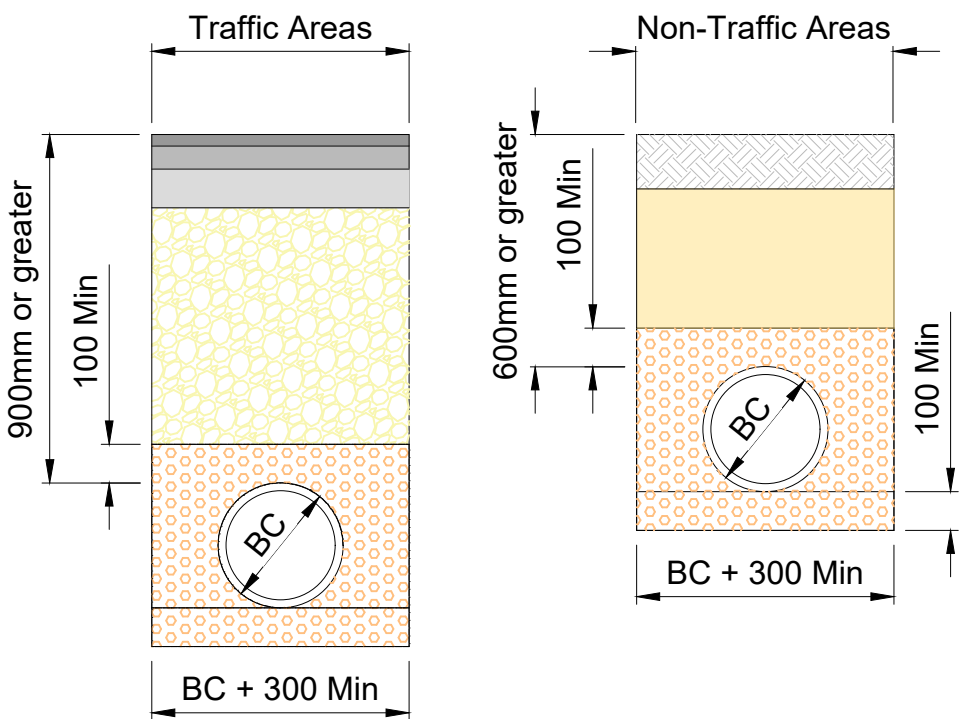




Key

BC = Overall pipe diameter

Granular Bedding and Sidefill

GEN3 Concrete

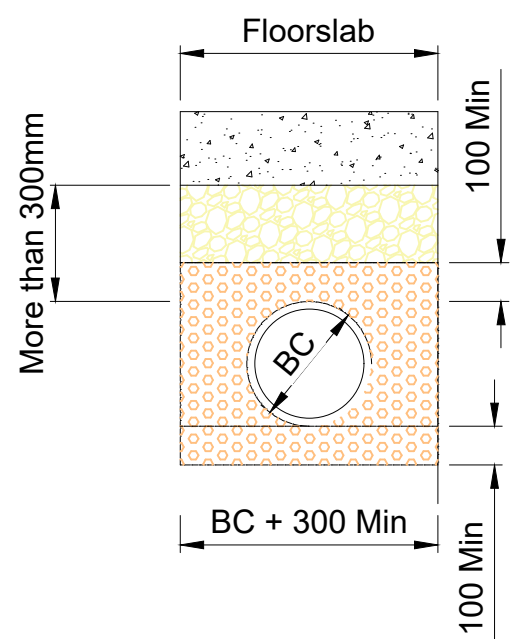
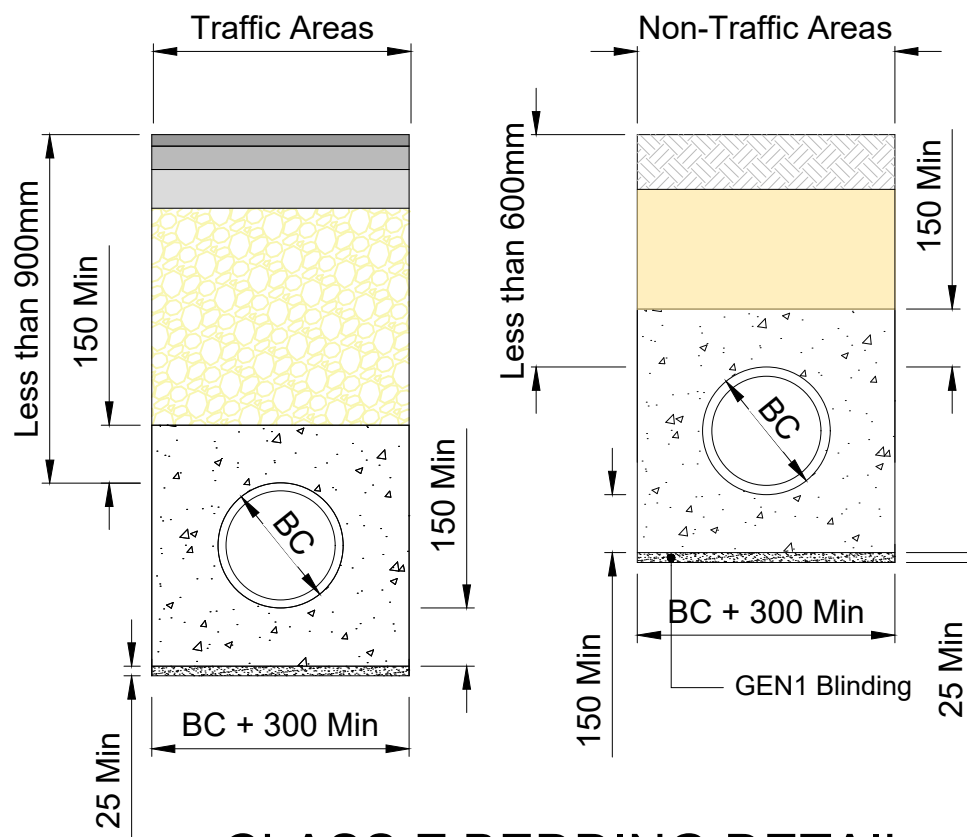
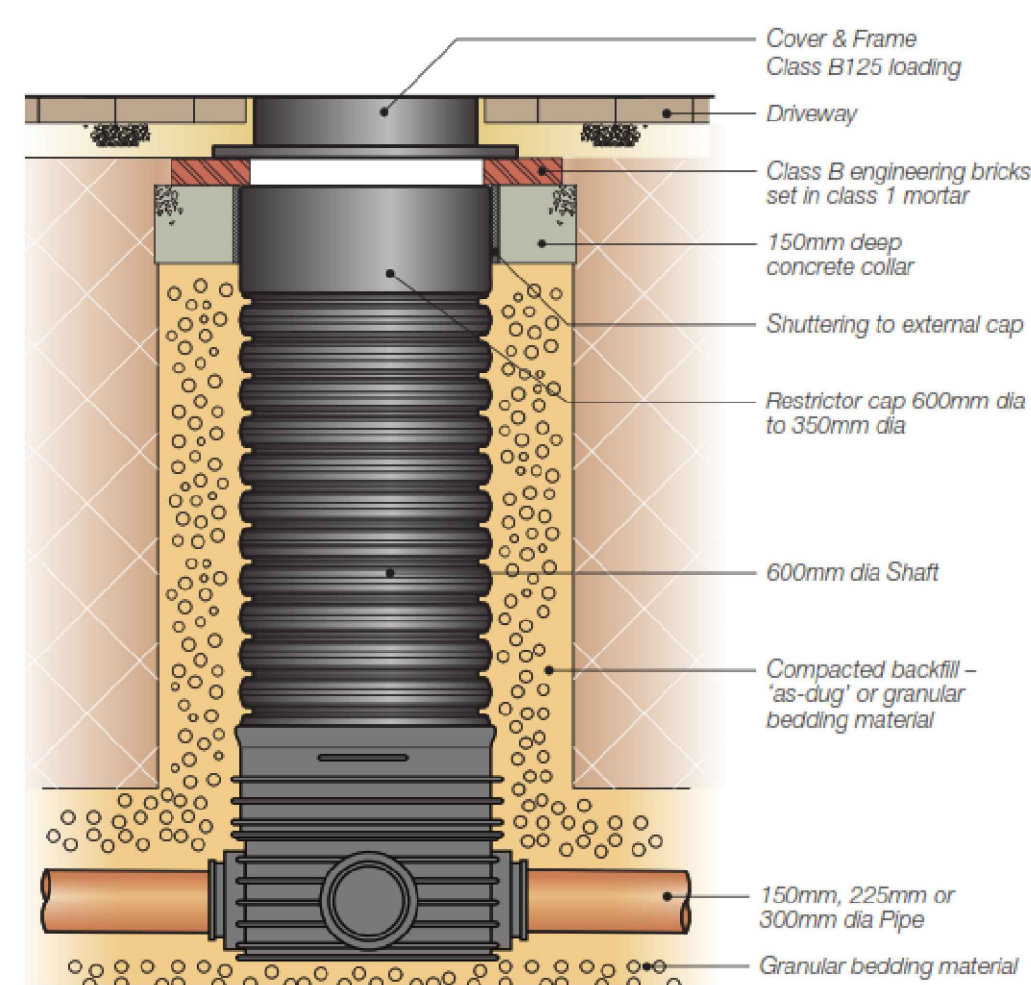
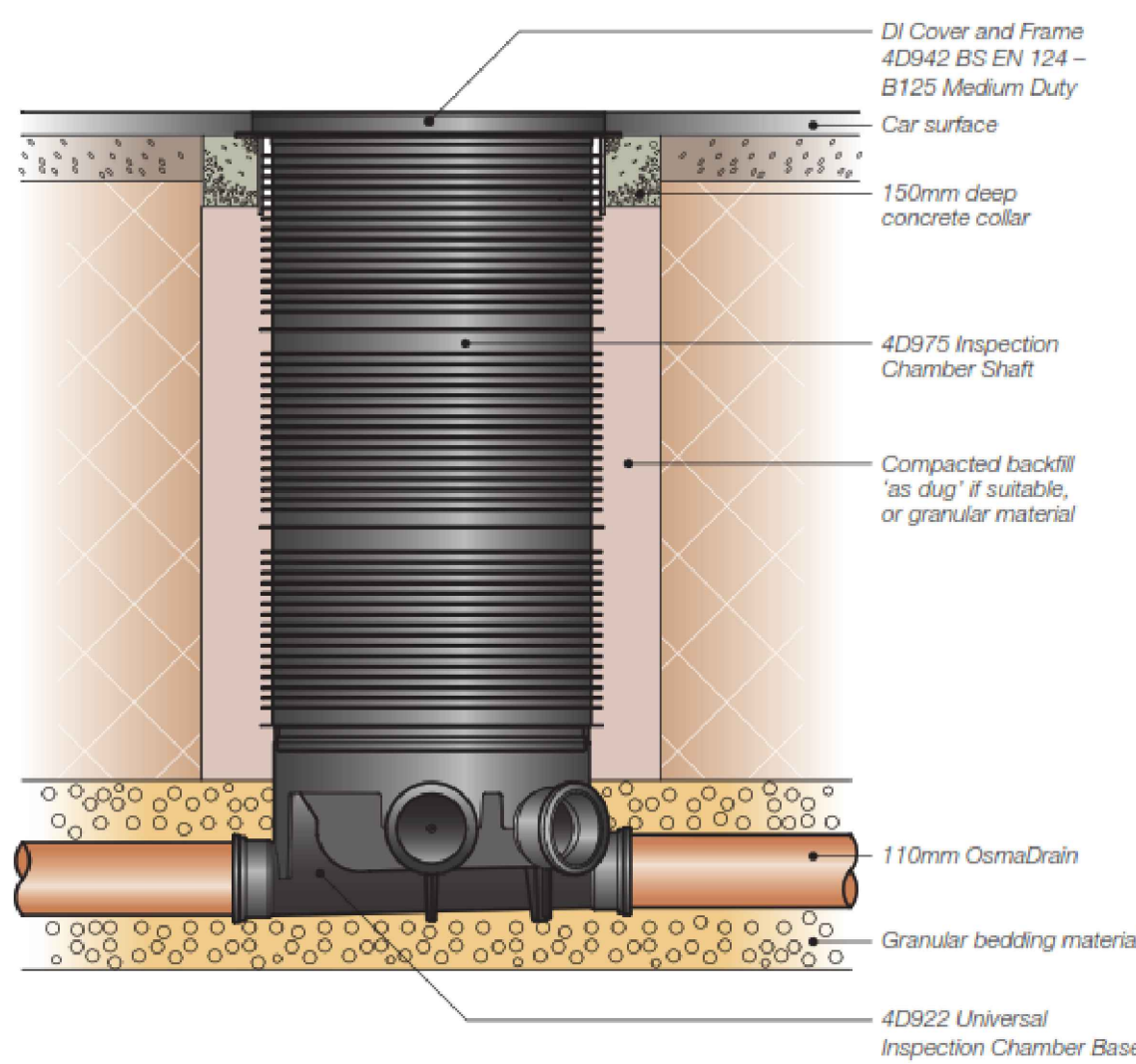
DOT Type 1 granular fill backfill well compacted in 150mm layers

Material excavated from trench compacted in layers not exceeding 300mm thick. do not use heavy compactors before there is 600mm of material over pipes.

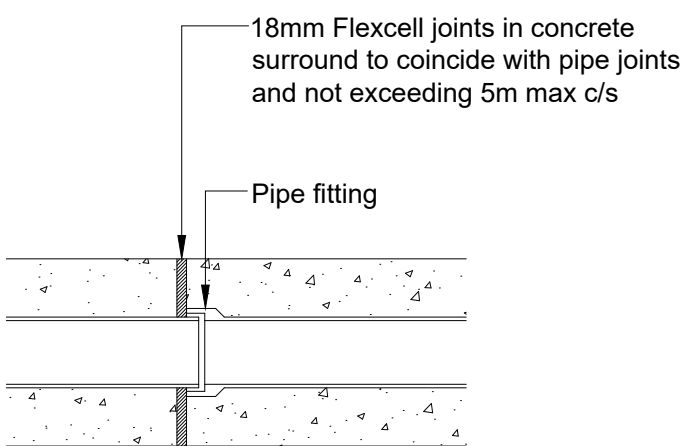
Extract from Table A2 WIS 4-08-02

Processed granular bedding and sidefill materials for flexible pipes

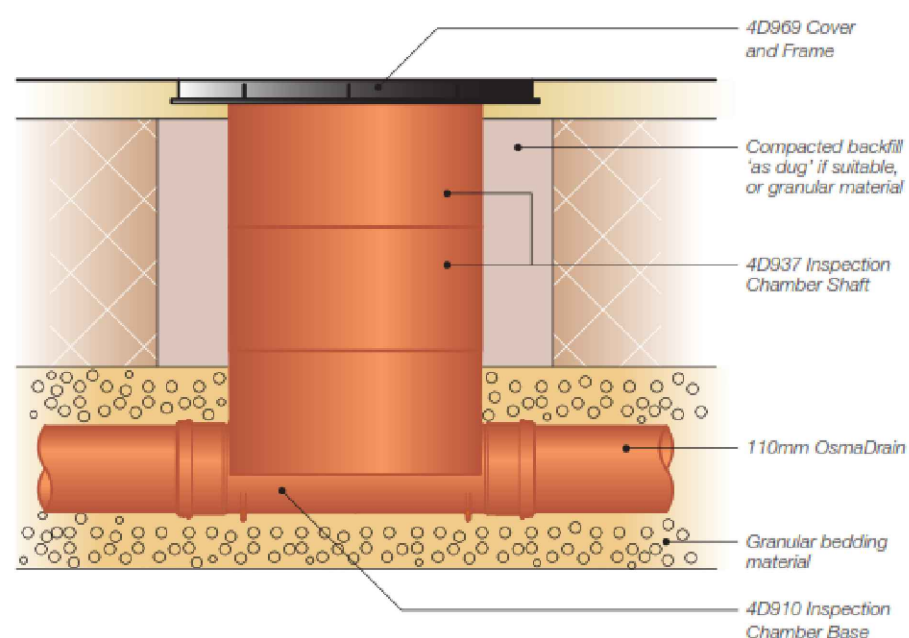
| Pipe Ø(mm) | Max size (mm) | Materials specified in British Standards                                                             |
|------------|---------------|------------------------------------------------------------------------------------------------------|
| 100        | 10            | 10mm nominal single-size                                                                             |
| 100 - 500  | 15            | 10 or 14mm nominal single-size or 14mm to 5mm graded                                                 |
| 150 - 300  | 20            | 10, 14 or 20mm nominal single-size or 14mm to 5mm graded or 20mm to 5mm graded                       |
| 300 - 550  | 20            | 14 or 20mm nominal single-size or 14mm to 5mm graded or 20mm to 5mm graded                           |
| Over 550   | 40            | 14, 20 or 40mm nominal single-size or 14mm to 5mm graded or 20mm to 5mm graded or 40mm to 5mm graded |



CLASS W BEDDING DETAIL



FLEXIBLE JOINTS IN CLASS "Z" and "Y" CONCRETE SURROUND



#### Wavin Osma Inspection Chambers – Shallow

| Base Type                                                     | SIC              | MBIC                   | UIC     | NIC              |
|---------------------------------------------------------------|------------------|------------------------|---------|------------------|
| Max Invert Depth (m)                                          | 0.6              | 0.6 – 0.9 <sup>1</sup> | 1.2     | 3.0 <sup>2</sup> |
| Base/Shaft Dia (mm)                                           | 250              | 300                    | 450     | 500              |
| SA7 Type                                                      | 4                | 4                      | 4       | –                |
| No of inlets                                                  | 1 to 3<br>4 to 5 | –<br>–                 | –<br>–  | –<br>–           |
| Inlet Sizes (mm)                                              | 110              | 110                    | 110/160 | 110/160          |
| Kitemarked to:<br>BS EN 13598-1 (Non adoptable)<br>BS EN 7158 | –                | –                      | –       | –                |
| DCG Type                                                      | E                | E                      | E       | –                |

Note 1: Under SA7 maximum permitted depth can be increased from 0.6m to 0.9m (applies in Wales only)

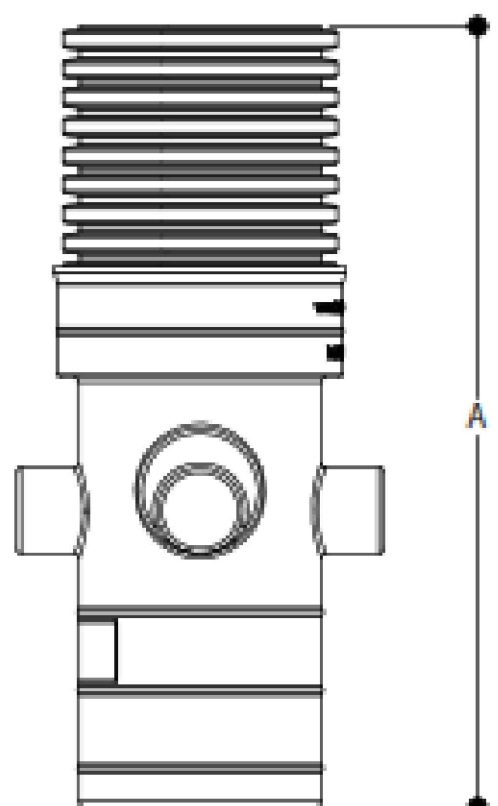
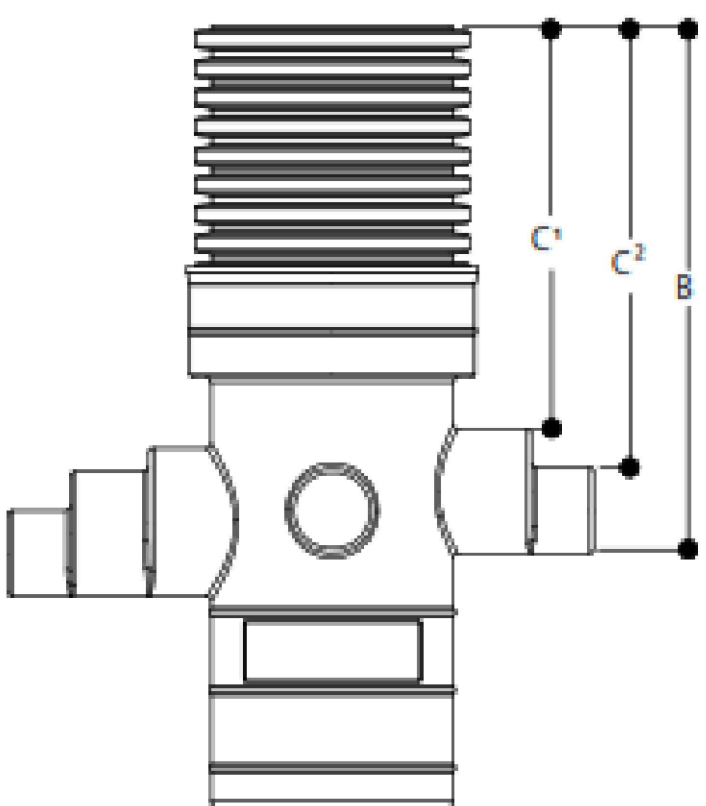
Note 2: Under BS 7158:2001 maximum permitted depth is 3m

#### Wavin Inspection Chambers – Deep

| Base Type                                                        | Range 200              | Range 315              | Range 450              | Range 600              |
|------------------------------------------------------------------|------------------------|------------------------|------------------------|------------------------|
| Max Invert Depth (m)                                             | 0.6 – 2.0 <sup>1</sup> | 0.6 – 2.0 <sup>1</sup> | 1.2 – 3.0 <sup>2</sup> | 1.2 – 3.0 <sup>2</sup> |
| Base/Shaft Dia (mm)                                              | 200                    | 315                    | 450                    | 600                    |
| SA7 Type                                                         | 4                      | 4                      | 3 – 4                  | 3 – 4                  |
| No of inlets                                                     | 1 to 3<br>4 to 5       | –<br>–                 | –<br>–                 | –<br>–                 |
| Inlet Sizes (mm)                                                 | 110/160                | 110/160                | 110/160                | 150/225/300            |
| Kitemarked to:<br>BS EN 13598-1 (Non adoptable)<br>BS EN 13598-2 | –                      | –                      | –                      | –                      |
| DCG Type                                                         | E                      | E                      | D                      | D                      |

Note 1: Under SA7 maximum permitted depth can be increased from 0.6m to 2.0m (applies in Wales only)

Note 2: Under SA7 and DCG maximum permitted depth can be increased from 1.2m to 3.0m



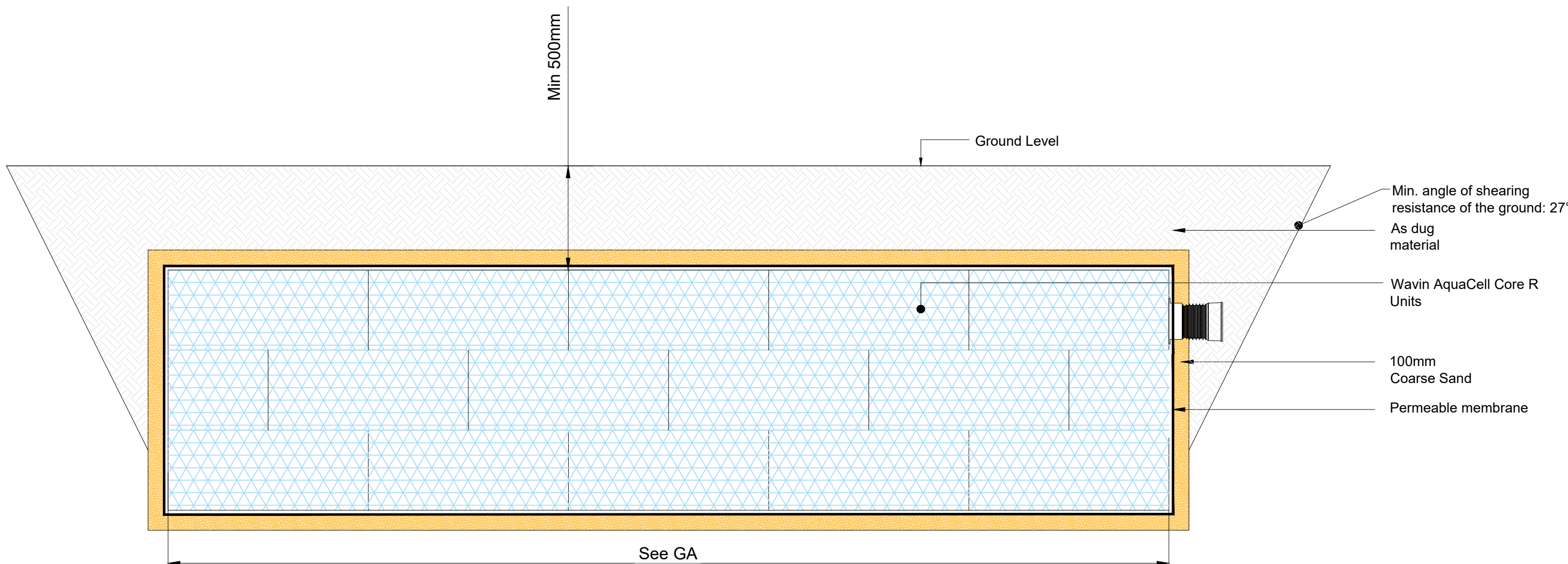
| Product Code             | Main pipework connections Ø (mm) | Optional Side Inlets Ø (mm) | Overall Depth A (mm) | Inlet Invert B (mm) | Soffit Depth 160 pipework C <sup>1</sup> (mm) | Soffit Depth 110 pipework C <sup>2</sup> (mm) | Approx. Weight (kg) |
|--------------------------|----------------------------------|-----------------------------|----------------------|---------------------|-----------------------------------------------|-----------------------------------------------|---------------------|
| AICCP300100B (Base only) | 110 - 160                        | 2 x 110                     | 690                  | 350                 | 200                                           | 230                                           | 3.5                 |
| AICCP300100B/1           | 110 - 160                        | 2 x 110                     | 1025                 | 695                 | 545                                           | 595                                           | 6.5                 |
| AICCP300100B/1.5         | 110 - 160                        | 2 x 110                     | 1475                 | 1145                | 995                                           | 1045                                          | 11.5                |
| AICCP300100B/2           | 110 - 160                        | 2 x 110                     | 1995                 | 1665                | 1515                                          | 1565                                          | 17                  |

ACCESSO CATCHPIT CHAMBER

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P01 Preliminary GT 09.06.26

Rev. Amendment By Date



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Title **Drainage Details Sheet 1**

Scale - A1 **NTS** Project No. **TC26023**

Project Ref. **SIL** Drg No. **310** Rev **P01**