

SEWERAGE SECTOR GUIDANCE

CHANGE PROPOSAL FORM

Please complete the form below to submit a change proposal to the Sewerage Adoption Panel.

Name of Proposed Change: Specifications for perforated pipes for infiltration trenches and filter drains.
Section 1 - Proposed Change A. Please outline the details (including any relevant supporting documentation) of the proposed change. <u>Specification of perforated pipes for infiltration trenches and filter drains</u> The function and design of infiltration trenches and filter drains are covered by clause C7.9. <i>C7.9 Infiltration trenches and filter drains.</i> <i>Clause (4) advises that infiltration trenches/filter drains should be designed <u>with a perforated pipe</u> (or other suitably-defined inspection channel).</i> Construction materials for all drainage systems in Part C are covered by clause C8 which in turn refers to Part E. <i>C8 Materials</i> <i>1. Materials should comply with the requirements of Part E.</i> <u>The problem:</u> Perforated plastic pipes for infiltration trenches and filter drains are not specified in Part E. Due to the statement in C.8, users of the SSG are specifying plastic pipes to E2.21 or E2.22. Standards in E2.21 and E2.22 are designed to deliver watertight systems for non-pressure applications. Perforated pipes cannot be watertight, so cannot meet the requirements of the standards listed in E2.21 or E2.22. There are no British or European standards for perforated thermoplastics pipes and fittings for infiltration trenches and filter drains. Requirements are set out in Table 5/1 of the Specification for Highway Works Series 500 for solid wall pipes and structured wall perforated thermoplastics pipes are covered by Clause 518.

Proposed change:

Perforated plastic pipes for infiltration trenches and filter drains are specified in National Highways' Specification for Highway Works. To signpost specifiers to this information, it is proposed that notes are added to E.21 and E.22.

Add note (i) to E.21 “Modification of Thermoplastics Solid Wall Pipes and Fittings for use in filter drains is described in the ‘Specification for Highway Works’, Series 500, Table 5/1”

Add note (ii) to E.22 Thermoplastics structured wall pipes and fittings for use in infiltration trenches and filter drains are described in the ‘Specification for Highway Works’, Series 500, Clause 518.”

B. Has the proposed change been considered previously (including during any prior consultation process)? If so, please provide details.

No, this was missed during extension of Part C to cover these products (from SFA7 to DCG).

C. Does the proposed change need to be considered by a specific date? If so, please explain why?

No.

D. Does the proposed change raise any health and safety issues? If so, please provide details.

No.

E. Please provide any further information relevant to the change proposal.

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Section 2 - Scope of the Proposed Change

A. Which section(s) of the Sewerage Sector Guidance and Model Adoption Agreement does the proposed change concern? Please provide specific references to the relevant documentation.

Appendix C Design and Construction Guidance. Part C / Part E.

B. What consequential amendments to the Sewerage Sector Guidance and Model Adoption Agreement would be required as a result of the proposed change? Please provide specific references.

Add notes to E2.21 and E2.22.

Section 3 - Rationale for the proposed change

A. What is the nature and effect of the current position/existing arrangements?

For perforated (filter) drains, it is presumed that E2.21 and E2.22 apply because Clause C.8 refers to Part E for materials. Watertight solutions are being wrongly specified for non-watertight systems.

B. What is the nature and effect of the proposed change?

Provision of information on the standards which be used to specify perforated pipes for infiltration trenches and filter drains.

C. Why is the proposed change necessary?

Missing specifications in Part E for perforated pipes for infiltration trenches and filter drains which are included in Part C.

D. What is the desired outcome of the proposed change?

Correct specification of products.

Section 4 – Impact on the Principles and Objectives of the Code

A. Outline, how and why the proposed change maintains consistency with the principles and objectives of the Code for Adoption Agreements, and any relevant statutory or regulatory requirements?

Accurate guidance for developers.

Since the introduction of the SSG and the obligations therein, Sewerage Companies are directing developers to the Design and Construction Guidance for information on suitable products and standards rather than maintaining local guidance / lists. This information will therefore be available to all developers.

Consistency with requirements for infiltration trenches and filter drains in highways (MCHW).

Section 5 – Impact on Customers and Sewerage Companies

A. What is the impact of the proposed change (be it positive and/or negative) on Customers?

None

B. Is there any evidence of customer concern relating to the proposed change? If so, please provide details.

No.

C. What is the impact of the proposed change (be it positive and/or negative) on Sewerage Companies?

Correct specification of products first time.

D. Estimate how much notice Customers and Sewerage Companies may reasonably require to be able to meet any new requirements arising from the proposed change.

None

E. What is the suggested implementation date of the proposed change?

Immediate

Section 6 – Stakeholder Engagement

A. Please outline any informal/formal consultation undertaken with relevant stakeholders likely to be affected by the proposed change, including details of any responses provided by stakeholders.

N/A

Section 7 – Applicant's Details

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