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# Standard Specification for Perforated Concrete Pipe

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**AASHTO Designation: M 175M/M 175-23**

Technically Revised: 2023

Editorially Revised: 2023

**Technical Subcommittee: 4a, Concrete Drainage Structures**

**ASTM Designation: C444/C444M-21**



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## 1. SCOPE

- 1.1. This specification covers perforated concrete pipe intended to be used for underdrainage.
- 1.2. This specification is applicable for orders in either SI units (M 175M) or in inch-pound units (M 175). SI units and inch-pound units are not necessarily equivalent. Inch-pound units are shown in brackets in the text for clarity, but they are the applicable values when the material is ordered to M 175.
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## 2. REFERENCED DOCUMENTS

- 2.1. *AASHTO Standards:*
- < M 86M/M 86, Nonreinforced Concrete Sewer, Storm Drain, and Culvert Pipe
  - < M 262, Concrete Pipe and Related Products
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## 3. TERMINOLOGY

- 3.1. *Definitions*—For definitions of terms relating to concrete pipe, see M 262.
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## 4. CLASSIFICATION

- 4.1. Pipe manufactured according to this specification shall be of two classes known as Type 1 and Type 2, which cover two arrangements of perforations to be used with pipe manufactured according to any of the standard specifications for plain or reinforced concrete pipe, and any of the classifications within those standard specifications.
- 4.1.1. Type 1 perforated pipe shall have circular perforations conforming to Section 6.1 and Table 1.
- 4.1.2. Type 2 perforated pipe shall have slotted perforations conforming to Section 6.2 and Table 2.
- 4.1.3. It is intended that perforated pipe shall be specified by reference to this specification and the specification for the type and class of pipe desired.
- Note 1**—Example—“Perforated concrete pipe shall conform to the requirements of M 175M/M 175, Type 2, and all applicable requirements of M 86M/M 86, Class 2.”
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