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| Version | Date | Description of Revisions |
| 1 | August 30, 2006 | Approved final document. |
| 2 | August 19, 2014 | First draft review comments (AV) |
| 3 | June 8, 2015 | Second Draft for Review (AV) |
| **4** | **September 16, 2015** | **Updated, Finalized Specification – Reference eDOCS #5823653-v4 (AV)** |

NOTE:

This is a CONTROLLED Document. Any documents appearing in paper form are not controlled and should be checked against the on-line file version prior to use.

**Notice:** This Document hardcopy must be used for reference purpose only.

**The on-line copy is the current version of the document.**

## References

### American Society for Testing Materials (ASTM)

#### [ASTM A53/A53M-12](http://www.astm.org/Standards/D2665.htm), Steel, Black and Hot-Dipped, Zinc-Coated, Welded and Seamless

#### ASTM A126-04 (2014), Standard Specification for Gray Iron Casting for Valves, Flanges, and Pipes Fittings

#### ASTM A47/A47M-99 (2014), Standard Specification for Ferritic Malleable Iron Castings

#### ASTM M536-84(2014). Standard Specification for Ductile Iron Castings

### American Society of Mechanical Engineers (ASME)

#### ASME B16.12-2009 (R2014), Cast Iron Threaded Drainage Fittings

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| Item | Size | Description |
| Pipe | 100 mm and smaller | 1. Carbon steel, galvanized, furnace butt welded, ASTM A53/A53M-12, Grade F, Schedule 40. |
| Fittings | 100 mm and smaller | 1. Cast iron, galvanized, screwed drainage fittings, ASTM A126-04(2014), Class B, dimensions conforming to ANSI B16.12-2009 (R2014). 2. Malleable iron, ductile iron, or galvanized steel grooved end galvanized drainage fittings, materials conforming to the requirements of ASTM A47/A47M-99 (2014), ASTM A536-84(2014), and ASTM A53/A53M-12, Grade B, respectively, permitted in aboveground roof drainage systems only. |
| Joints | 100 mm and smaller | 1. Screwed threads conforming to ASTM A47/A47M-99 (2014); made with Teflon tape or joint compound that is insoluble in water. 2. Grooved end joints are permitted in aboveground roof drainage systems. |

**END OF SECTION**