



Design Criteria

Plumbing – 22

Design Criteria Applies to:	<input type="checkbox"/> Building System <input checked="" type="checkbox"/> Planning & Development	<input checked="" type="checkbox"/> Building Exteriors <input type="checkbox"/> Site Improvement	<input checked="" type="checkbox"/> Building Interiors <input type="checkbox"/> New Construction
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22 14 00 Plumbing Drains

This section addresses the design requirements for Plumbing Drains.

Roof Drains 22 14 26.13

Deck Type	Material Requirement
Concrete	Roof drains shall be Cast iron body, with caulked bottom outlet or non-hub outlet, weep hole, with cast iron dome strainer and a combination clamping device/gravel stop ring. Dome strainer shall be Min. 4 1/2 inch above floor. Domes shall be secured in place with stainless steel tamperproof bolts, and vandal-resistant hardware.
Wood	Same as above but with underdeck clamp.

Manufacturer Jay R. Smith, Josam, Zurn

Canopy Drains 22 14 26.14

Deck Type	Material Requirement
Concrete	Cast iron body, a cast iron dome strainer and a combination clamping device/gravel stop ring. Domes shall be secured in place with stainless steel tamperproof bolts, and vandal-resistant hardware.
Wood	Same as above but with underdeck clamp.

Manufacturer Jay R. Smith, Josam, Zurn

Floor Drains 22 14 26.15.

Interior

Location	Material Requirement
General	Coated cast iron with integral double drainage flange, weep holes, sediment bucket, inside caulked bottom outlet, grate of bronze. Drain shall have 8 inch round top grate, except in finished areas where grate shall be square or rectangular to match finished surface. Drain to be in accordance with ANSI A112.6.
Compactor Room, MER and Tank Room	Same as above except with 3 inch deep sediment bucket with lift bar and 10 inch diameter flat grate.

Exterior

Location Material Requirement

General Coated cast iron with integral double drainage flange, weep holes, 3 inch deep sediment bucket with lift bar, inside caulked bottom outlet, vandal resistant top

Window
Areaway Same as above except with dome grate.

Yard Drains Cast Iron 8 inch diameter body, with 6 inch deep sediment bucket, weep holes, caulked bottom outlet, and 10 inch diameter flat grate.

Manufacturer Jay R. Smith, Josam, Zurn

